

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100616\
 Data File : BF090425.D
 Acq On : 6 Oct 2016 18:31
 Operator : UM/SJ
 Sample : PB93820BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93820BS

Manual Integrations
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 10/7/2016 7:02:48 PM

Quant Time: Oct 06 19:25:29 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 05 14:57:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	217573	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	924214	20.00	ng	-0.01
38) Acenaphthene-d10	10.05	164	486307	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	812479	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	775707	20.00	ng	-0.01
86) Perylene-d12	15.69	264	558790	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	2175329	149.22	ng	0.01
7) Phenol-d6	6.62	99	2795580	146.42	ng	0.00
23) Nitrobenzene-d5	7.56	82	1727199	90.91	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	640589	162.00	ng	-0.01
44) 2-Fluorobiphenyl	9.37	172	2677451	91.73	ng	-0.01
78) Terphenyl-d14	13.13	244	3074755	89.11	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.75	88	301304	41.93	ng	# 91
3) Pyridine	3.51	79	888429	44.34	ng	# 84
4) n-Nitrosodimethylamine	3.47	42	391794	47.38	ng	# 59
6) Aniline	6.66	93	912980	34.62	ng	98
8) 2-Chlorophenol	6.78	128	816673	50.91	ng	100
9) Benzaldehyde	6.54	77	340791	35.31	ng	98
10) Phenol	6.63	94	943720	42.51	ng	95
11) bis(2-Chloroethyl)ether	6.74	93	844693	49.70	ng	92
12) 1,3-Dichlorobenzene	6.94	146	809602	50.62	ng	99
13) 1,4-Dichlorobenzene	7.01	146	772990	47.59	ng	98
14) 1,2-Dichlorobenzene	7.17	146	838936	53.61	ng	98
15) Benzyl Alcohol	7.14	79	807422	55.63	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.27	45	1218054	42.26	ng	92
17) 2-Methylphenol	7.25	107	731817	55.47	ng	97
18) Hexachloroethane	7.51	117	324280	50.64	ng	99
19) n-Nitroso-di-n-propylamine	7.41	70	633612	45.26	ng	# 82
20) 3+4-Methylphenols	7.40	107	816783	47.83	ng	# 89
22) Acetophenone	7.41	105	1165608	53.25	ng	# 87
24) Nitrobenzene	7.58	77	1052581	55.80	ng	92
25) Isophorone	7.82	82	1735786	49.97	ng	100
26) 2-Nitrophenol	7.90	139	429419	52.89	ng	96
27) 2,4-Dimethylphenol	7.94	122	819722	51.92	ng	99
28) bis(2-Chloroethoxy)methane	8.03	93	990970	48.23	ng	# 97
29) 2,4-Dichlorophenol	8.14	162	666899	55.56	ng	97
30) 1,2,4-Trichlorobenzene	8.22	180	631275	51.03	ng	99
31) Naphthalene	8.30	128	2142814	48.06	ng	99
32) Benzoic acid	8.05	122	537269	48.95	ng	95
33) 4-Chloroaniline	8.35	127	401279	21.77	ng	97
34) Hexachlorobutadiene	8.43	225	375499	54.33	ng	99
35) Caprolactam	8.73	113	241879m	59.93	ng	
36) 4-Chloro-3-methylphenol	8.84	107	801392	53.32	ng	92
37) 2-Methylnaphthalene	9.00	142	1414672	52.42	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	701412	54.71	ng	99
40) Hexachlorocyclopentadiene	9.16	237	824393	117.30	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	433928	49.05	nq	96
43) 2,4,5-Trichlorophenol	9.32	196	448147	53.57	nq	96
45) 1,1'-Biphenyl	9.47	154	1881261	52.21	nq	98
46) 2-Chloronaphthalene	9.49	162	1348966	50.66	nq	99
47) 2-Nitroaniline	9.58	65	533451	50.78	nq	94
48) Acenaphthylene	9.91	152	2275727	51.80	nq	99
49) Dimethylphthalate	9.77	163	1431385	45.96	nq	100
50) 2,6-Dinitrotoluene	9.82	165	340287	49.21	nq	94
51) Acenaphthene	10.09	154	1598790	58.37	nq	100
52) 3-Nitroaniline	9.99	138	258653	32.02	nq	99
53) 2,4-Dinitrophenol	10.10	184	388070	125.88	nq #	74
54) Dibenzofuran	10.26	168	2051303	57.86	nq	96
55) 4-Nitrophenol	10.15	139	671716	95.04	nq	97
56) 2,4-Dinitrotoluene	10.23	165	557176	60.55	nq #	57
57) Fluorene	10.60	166	1597471	53.61	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	419589	67.16	nq #	87
59) Diethylphthalate	10.47	149	1775986	55.11	nq	96
60) 4-Chlorophenyl-phenylether	10.59	204	738064	54.48	nq	98
61) 4-Nitroaniline	10.61	138	402018	49.40	nq	94
62) Azobenzene	10.75	77	2004190	53.85	nq	90
64) 4,6-Dinitro-2-methylphenol	10.65	198	268266	48.81	nq #	43
65) n-Nitrosodiphenylamine	10.71	169	1388364	50.99	nq	99
66) 4-Bromophenyl-phenylether	11.08	248	440451	55.30	nq	94
67) Hexachlorobenzene	11.15	284	463253	52.23	nq #	90
68) Atrazine	11.24	200	470426	70.07	nq	95
69) Pentachlorophenol	11.34	266	641322	121.47	nq	99
70) Phenanthrene	11.56	178	2119826	50.95	nq	98
71) Anthracene	11.62	178	2391308	56.29	nq	99
72) Carbazole	11.77	167	1975153	50.04	nq	99
73) Di-n-butylphthalate	12.10	149	2371931	49.38	nq	99
74) Fluoranthene	12.76	202	2471282	60.56	nq	93
76) Benzidine	12.87	184	999289	48.99	nq	100
77) Pyrene	12.99	202	2475009	47.85	nq	99
79) Butylbenzylphthalate	13.61	149	1270356	47.87	nq	89
80) Benzo(a)anthracene	14.18	228	2226096	51.15	nq	99
81) 3,3'-Dichlorobenzidine	14.14	252	533736	33.82	nq #	99
82) Chrysene	14.22	228	2179225	54.41	nq	100
83) Bis(2-ethylhexyl)phthalate	14.17	149	1624699	43.07	nq	99
84) Di-n-octyl phthalate	14.78	149	2650486	47.39	nq #	90
85) Indeno(1,2,3-cd)pyrene	17.21	276	1549207	54.25	nq #	94
87) Benzo(b)fluoranthene	15.25	252	1907987	53.60	nq #	96
88) Benzo(k)fluoranthene	15.29	252	1896885m	56.73	nq	
89) Benzo(a)pyrene	15.63	252	1681301	54.80	nq #	96
90) Dibenzo(a,h)anthracene	17.23	278	1335151	51.15	nq #	94
91) Benzo(g,h,i)perylene	17.68	276	1219735	48.70	nq	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

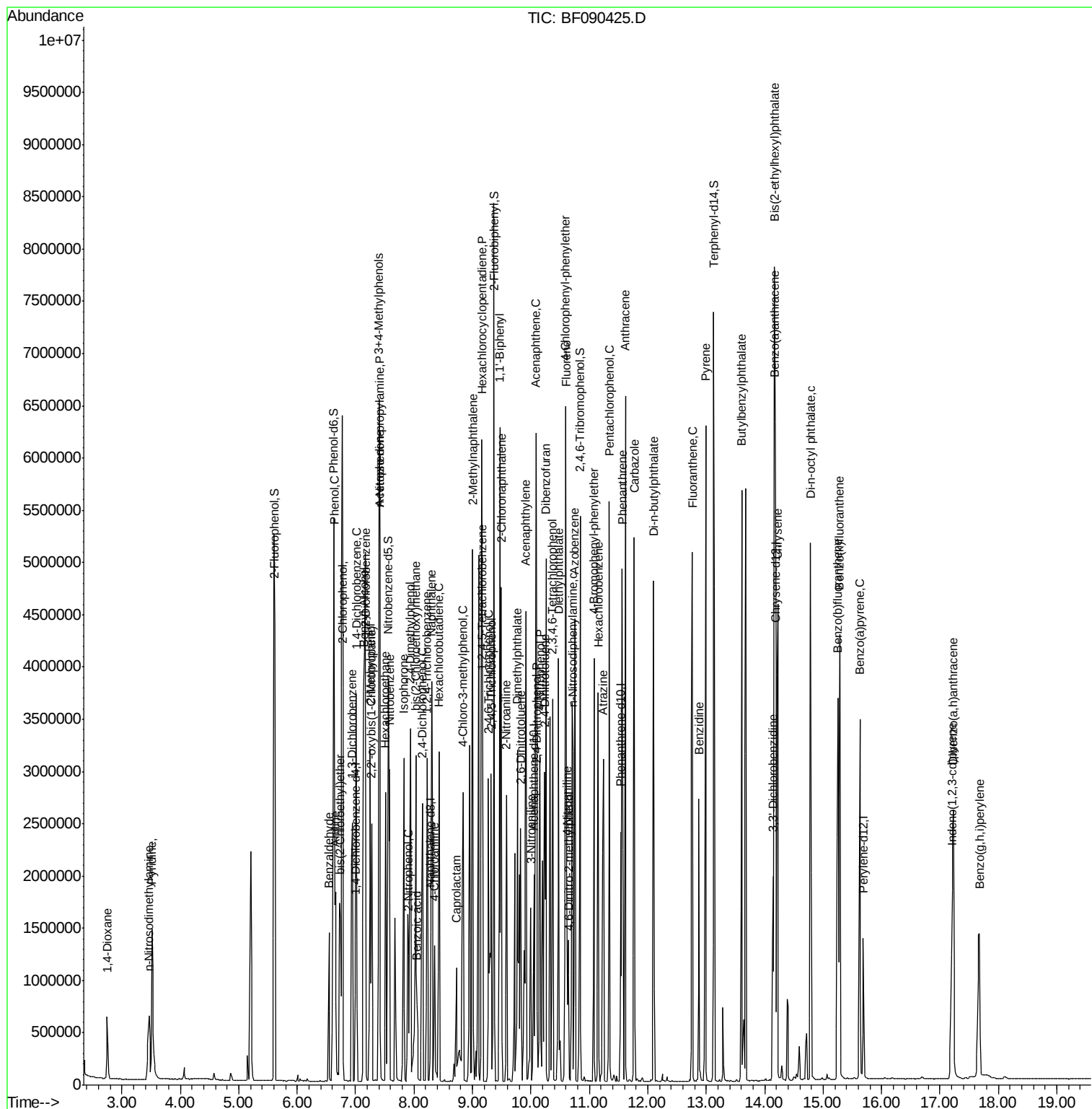
Data Path : Z:\HPCHEM1\BNA F\DATA\BF100616\
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 Acq On : 6 Oct 2016 18:31
 Operator : UM/SJ
 Sample : PB93820BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

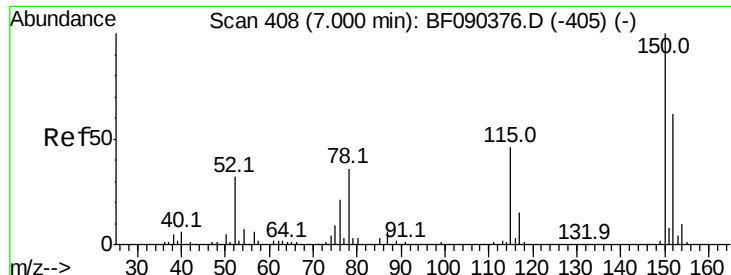
Instrument :
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#1

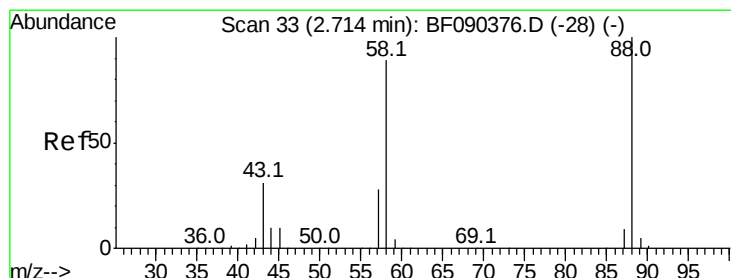
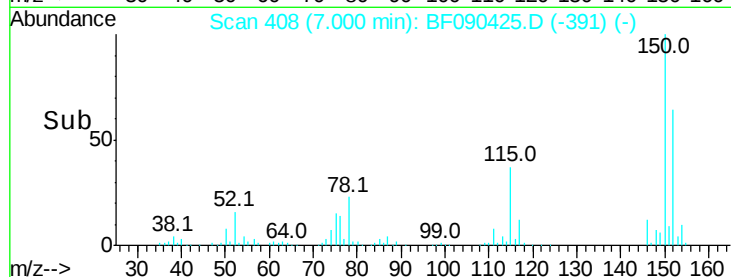
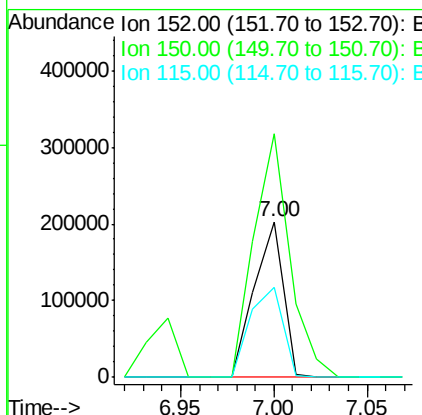
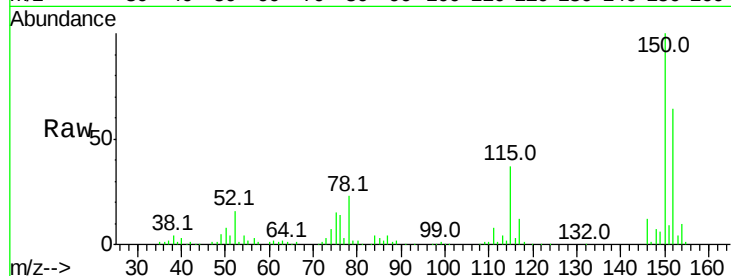
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.00 min Scan# 408
Delta R.T. -0.00 min
Lab File: BF090425.D
Acq: 6 Oct 2016 18:31

Instrument :
BNA_F
ClientSampleId :
PB93820BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.6	186.8
115	58.0	46.2	69.4

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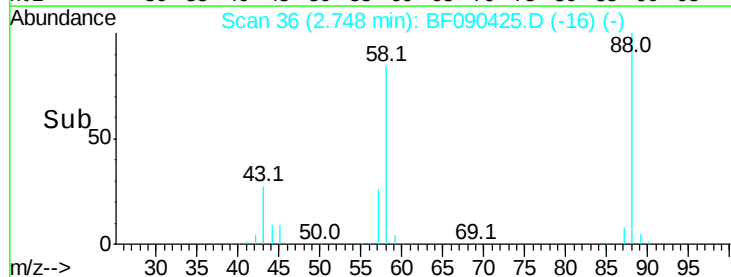
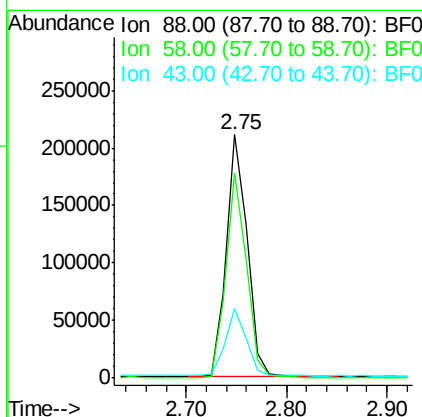
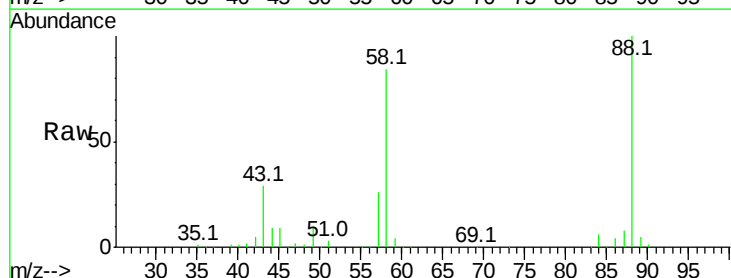
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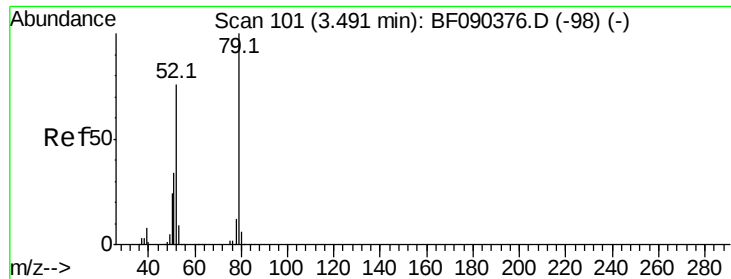


#2

1,4-Dioxane
Concen: 41.93 ng
RT: 2.75 min Scan# 36
Delta R.T. 0.03 min
Lab File: BF090425.D
Acq: 6 Oct 2016 18:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.5	71.2	106.8
43	28.3	29.8	44.6





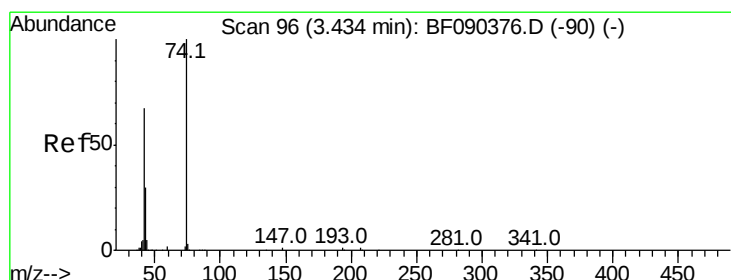
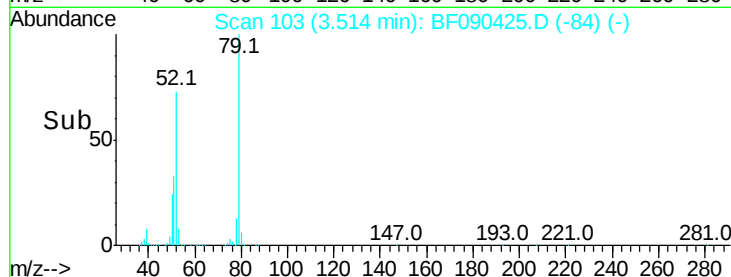
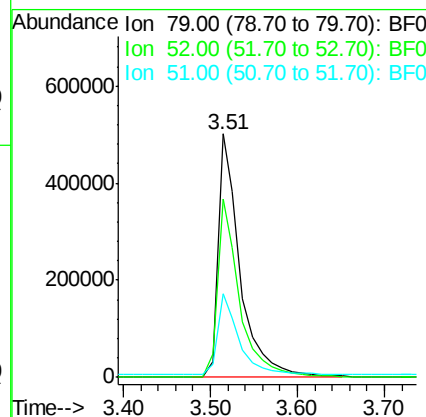
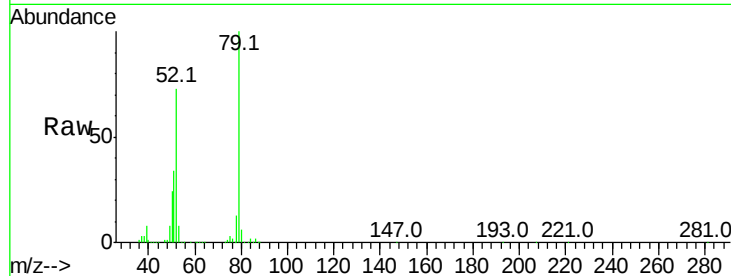
#3
Pvridine
Concen: 44.34 ng
RT: 3.51 min Scan# 103
Delta R.T. 0.02 min
Lab File: BF090425.D
Acq: 6 Oct 2016 18:31

Instrument :
BNA_F
ClientSampleId :
PB93820BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	73.4	71.3	106.9
51	34.4	34.5	51.7#

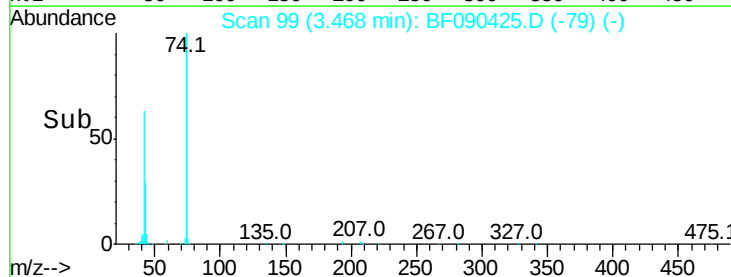
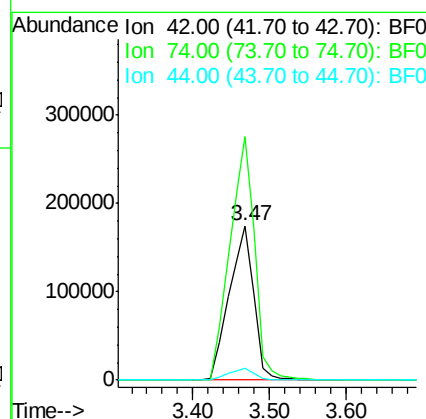
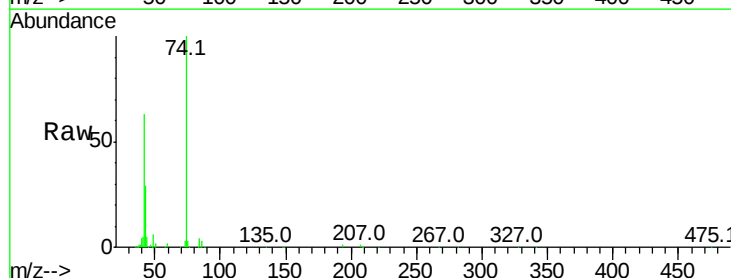
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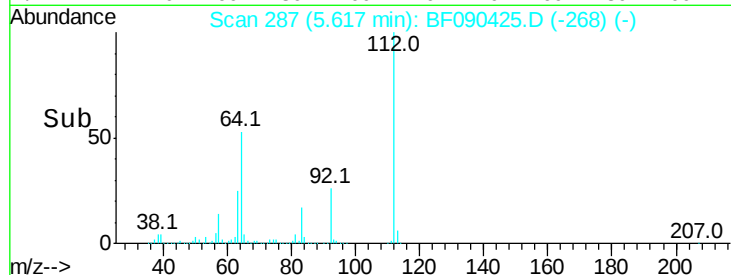
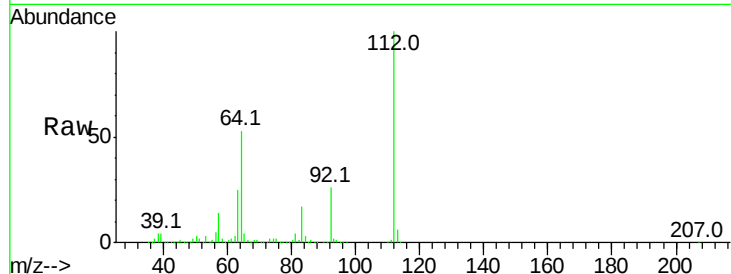
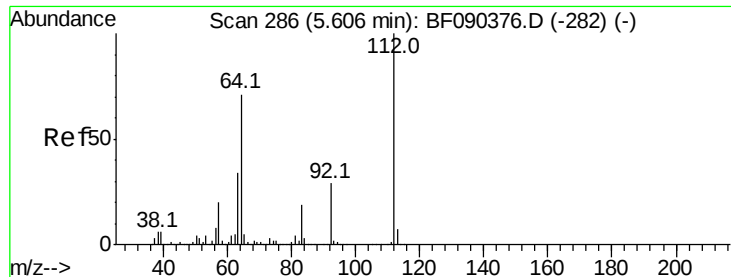
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#4
n-Nitrosodimethylamine
Concen: 47.38 ng
RT: 3.47 min Scan# 99
Delta R.T. 0.03 min
Lab File: BF090425.D
Acq: 6 Oct 2016 18:31

Tgt Ion	Ratio	Lower	Upper
42	100		
74	157.6	88.9	133.3#
44	7.8	6.5	9.7





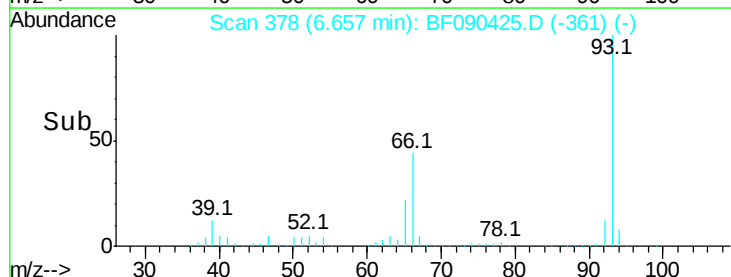
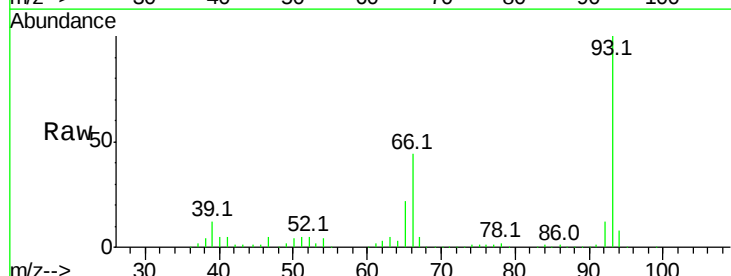
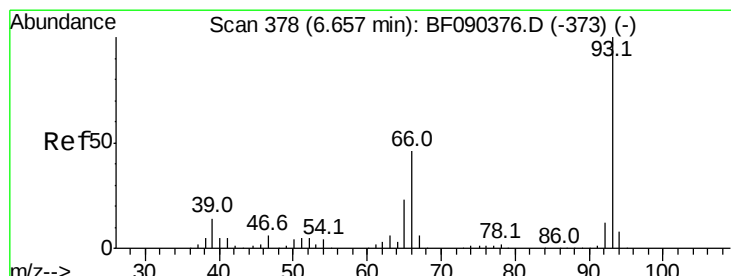
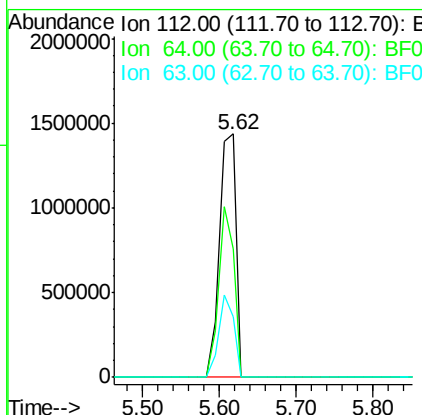
#5
2-Fluorophenol
Concen: 149.22 ng
RT: 5.62 min Scan# 287
Delta R.T. 0.01 min
Lab File: BF090425.D
Acq: 6 Oct 2016 18:31

Tot Ion	Ratio	Lower	Upper
112	100		
64	52.8	57.9	86.9#
63	25.0	29.6	44.4#

Instrument :
BNA_F
ClientSampleId :
PB93820BS

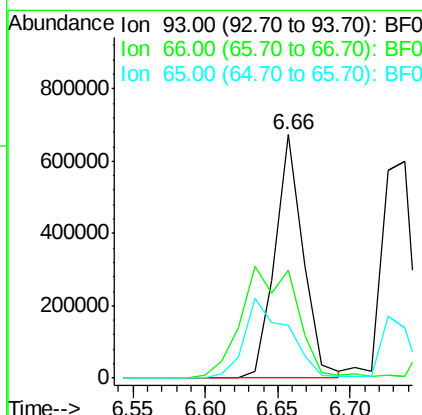
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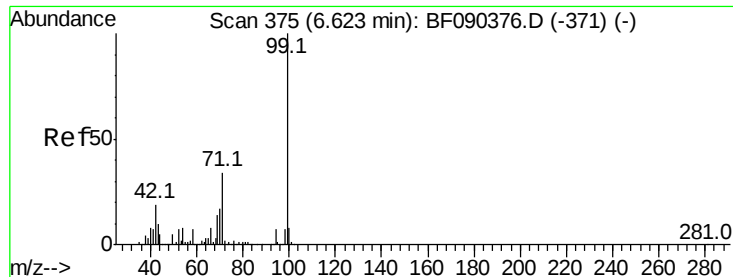
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#6
Aniline
Concen: 34.62 ng
RT: 6.66 min Scan# 378
Delta R.T. -0.00 min
Lab File: BF090425.D
Acq: 6 Oct 2016 18:31

Tgt Ion	Ratio	Lower	Upper
93	100		
66	44.1	34.5	51.7
65	21.7	18.2	27.2





#7

Phenol-d6

Concen: 146.42 ng

RT: 6.62 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF090425.D

Acq: 6 Oct 2016 18:31

Instrument :

BNA_F

ClientSampleId :

PB93820BS

Tot Ion: 99 Resp: 2795580

Ion Ratio Lower Upper

99 100

42 16.9 20.0 30.0#

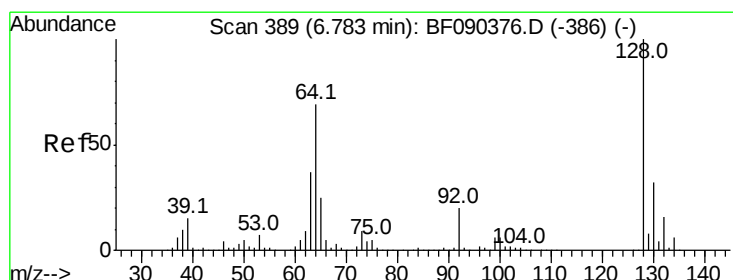
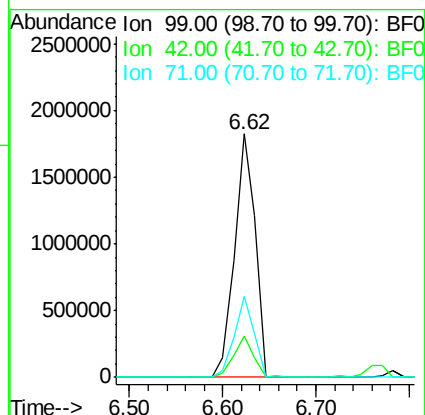
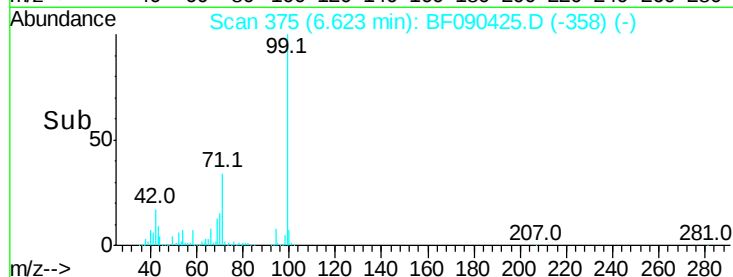
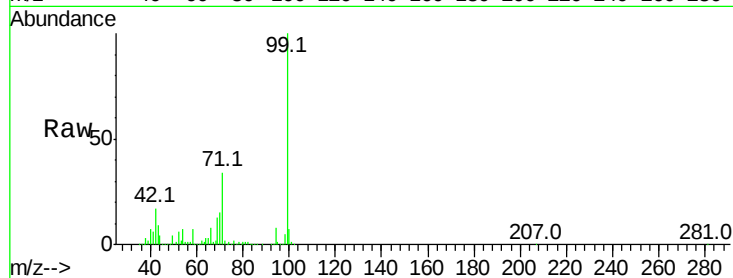
71 33.6 27.9 41.9

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#8

2-Chlorophenol

Concen: 50.91 ng

RT: 6.78 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF090425.D

Acq: 6 Oct 2016 18:31

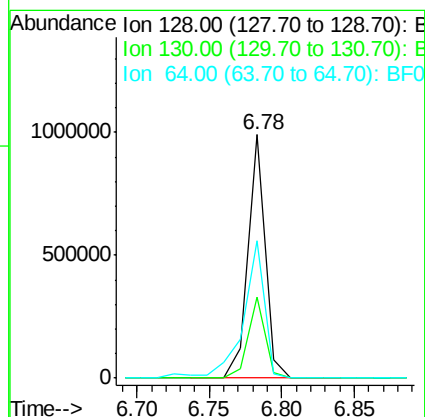
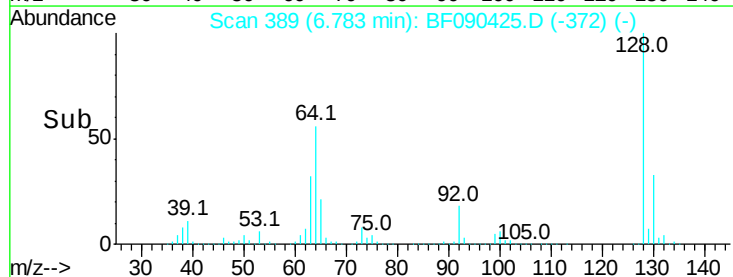
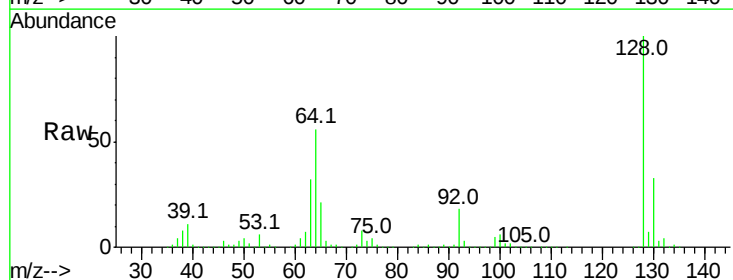
Tgt Ion: 128 Resp: 816673

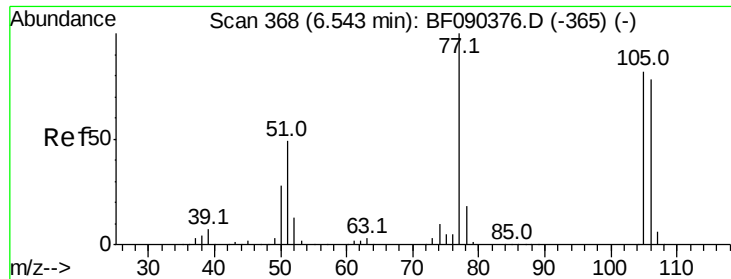
Ion Ratio Lower Upper

128 100

130 33.5 13.3 53.3

64 56.3 36.0 76.0





#9

Benzaldehyde

Concen: 35.31 ng

RT: 6.54 min Scan# 368

Delta R.T. -0.00 min

Lab File: BF090425.D

Acq: 6 Oct 2016 18:31

Instrument :

BNA_F

ClientSampleId :

PB93820BS

Tot Ion: 77 Resp: 340791

Ion Ratio Lower Upper

77 100

105 95.7 73.1 113.1

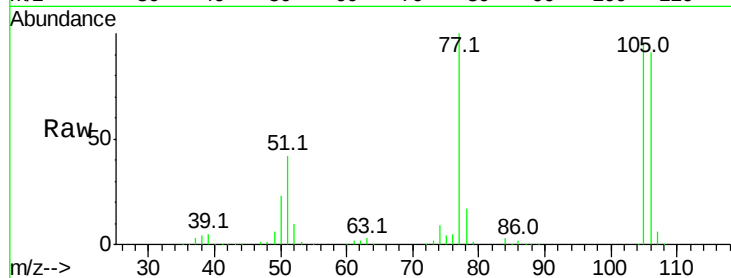
106 90.7 70.2 110.2

Manual Integrations

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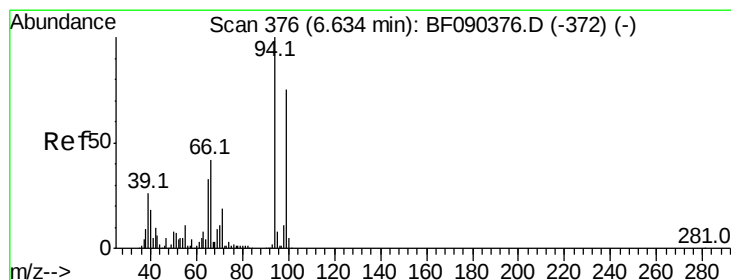
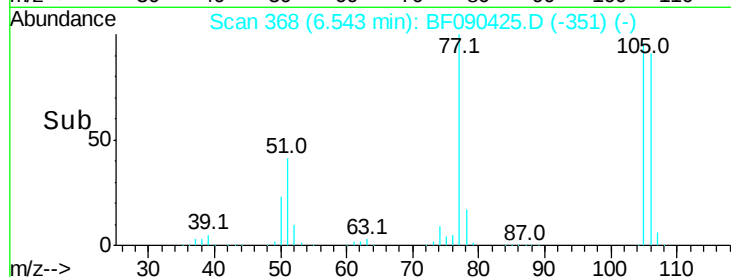
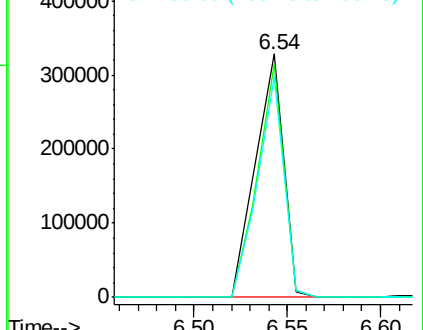
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Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 42.51 ng

RT: 6.63 min Scan# 376

Delta R.T. -0.00 min

Lab File: BF090425.D

Acq: 6 Oct 2016 18:31

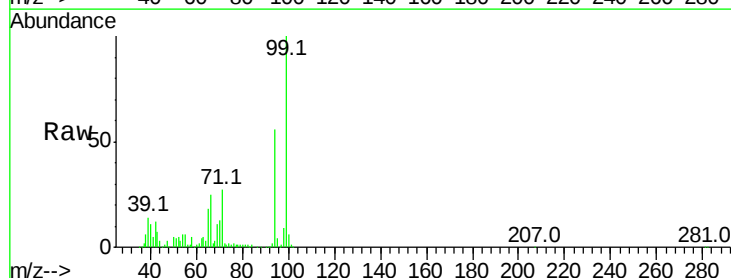
Tgt Ion: 94 Resp: 943720

Ion Ratio Lower Upper

94 100

65 32.3 13.3 53.3

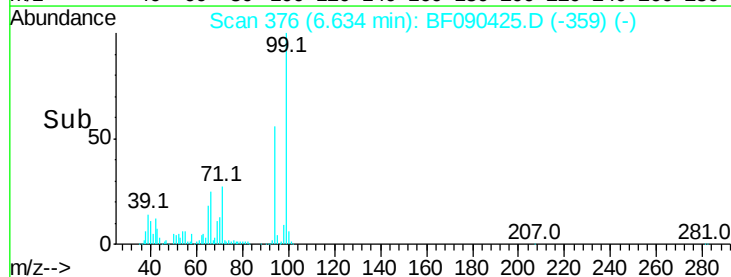
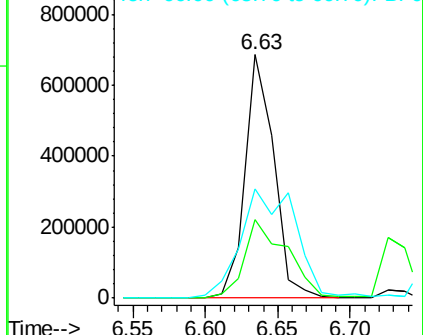
66 44.9 20.4 60.4

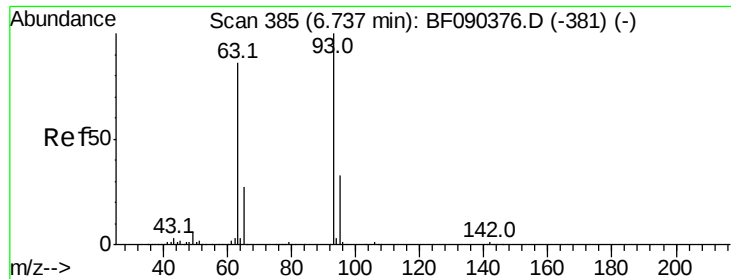


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





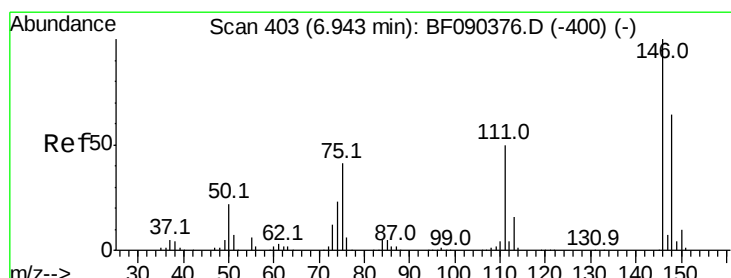
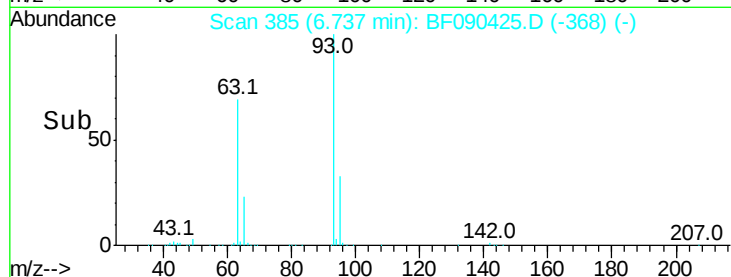
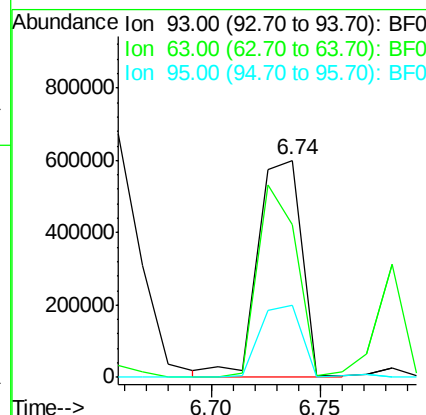
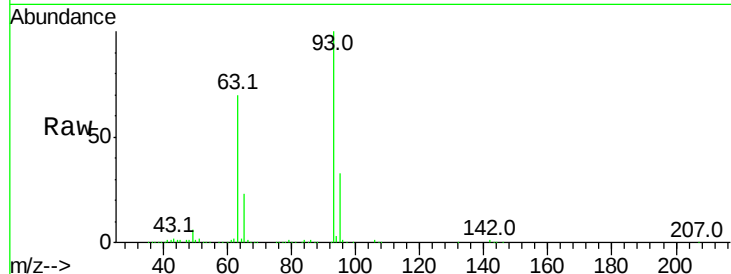
#11
bis(2-Chloroethyl)ether
Concen: 49.70 ng
RT: 6.74 min Scan# 385
Delta R.T. -0.00 min
Lab File: BF090425.D
Acq: 6 Oct 2016 18:31

Instrument :
BNA_F
ClientSampleId :
PB93820BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	70.4	59.7	99.7
95	33.2	14.0	54.0

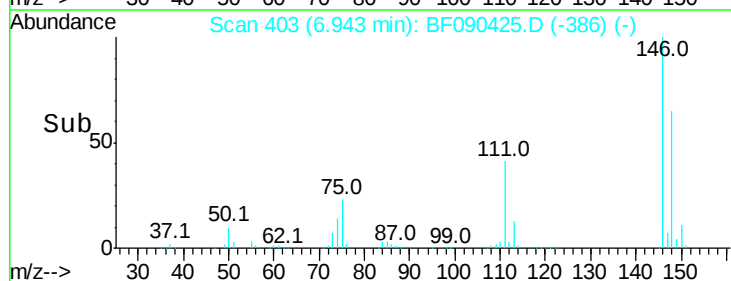
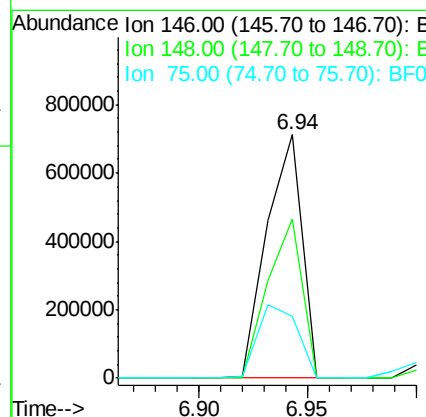
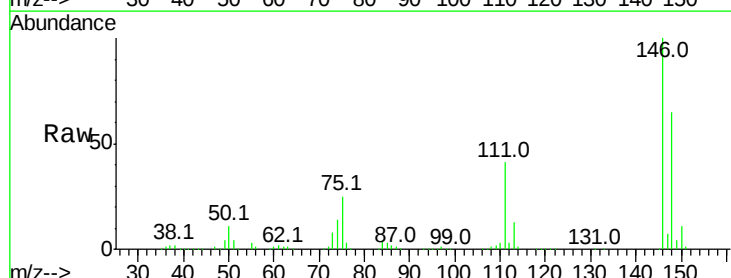
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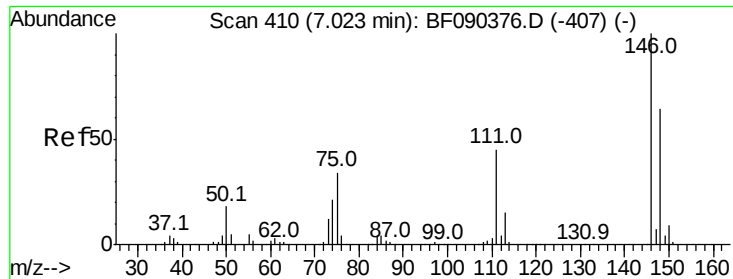
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#12
1,3-Dichlorobenzene
Concen: 50.62 ng
RT: 6.94 min Scan# 403
Delta R.T. -0.00 min
Lab File: BF090425.D
Acq: 6 Oct 2016 18:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.2	78.4
75	25.3	21.4	32.2





#13

1,4-Dichlorobenzene

Concen: 47.59 ng

RT: 7.01 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF090425.D

Acq: 6 Oct 2016 18:31

Instrument :

BNA_F

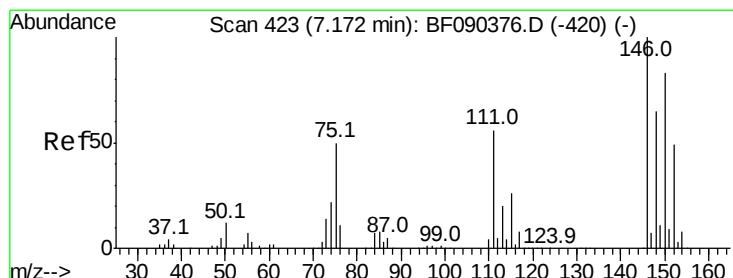
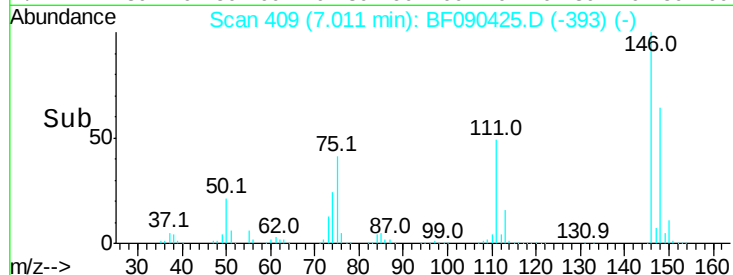
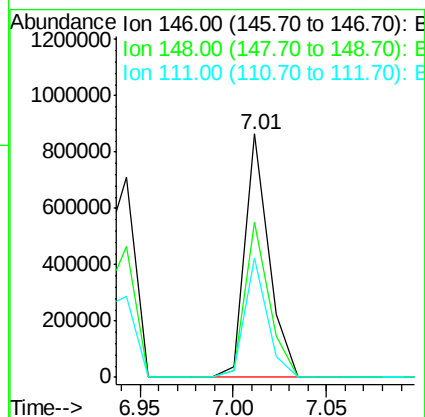
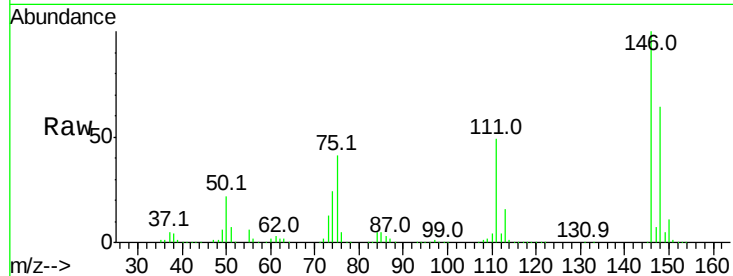
ClientSampleId :

PB93820BS

Tot Ion:	146	Resp:	772990
Ion Ratio	Lower	Upper	
146	100		
148	63.6	51.1	76.7
111	49.3	37.8	56.6

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#14

1,2-Dichlorobenzene

Concen: 53.61 ng

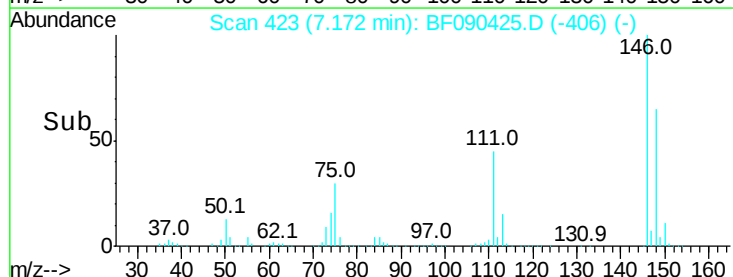
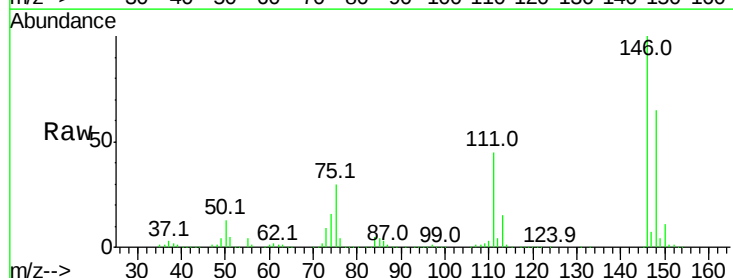
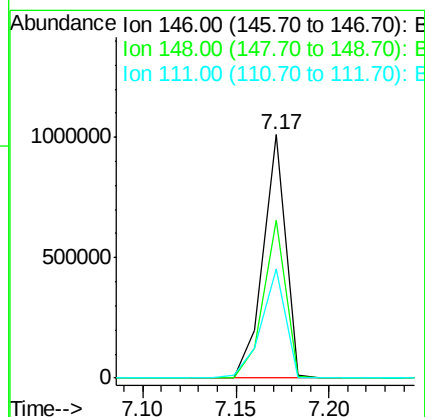
RT: 7.17 min Scan# 423

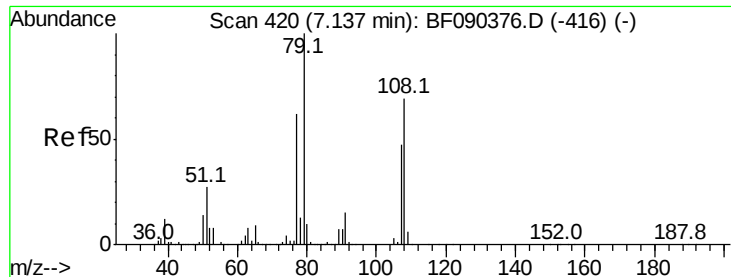
Delta R.T. -0.00 min

Lab File: BF090425.D

Acq: 6 Oct 2016 18:31

Tgt Ion:	146	Resp:	838936
Ion Ratio	Lower	Upper	
146	100		
148	64.8	52.3	78.5
111	45.1	38.2	57.4





#15

Benzyl Alcohol

Concen: 55.63 ng

RT: 7.14 min Scan# 420

Delta R.T. -0.00 min

Lab File: BF090425.D

Acq: 6 Oct 2016 18:31

Instrument :

BNA_F

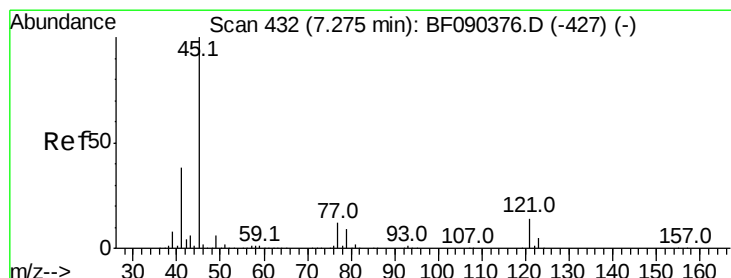
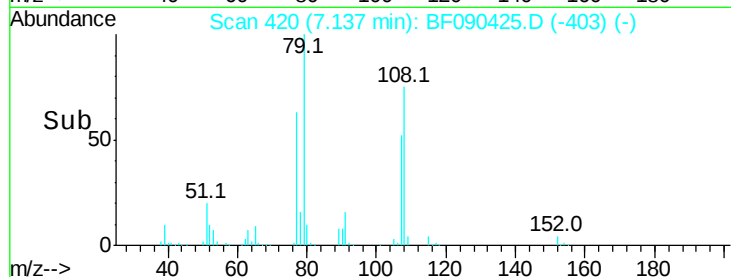
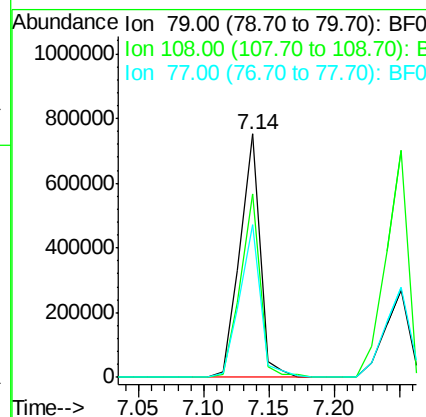
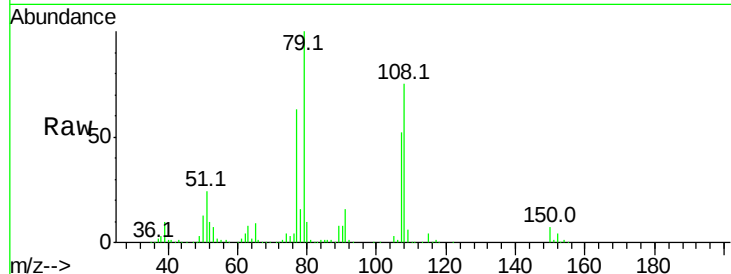
ClientSampleId :

PB93820BS

Tot Ion:	79	Resp:	807422
Ion Ratio	Lower	Upper	
79	100		
108	75.5	60.9	91.3
77	62.8	51.5	77.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 42.26 ng

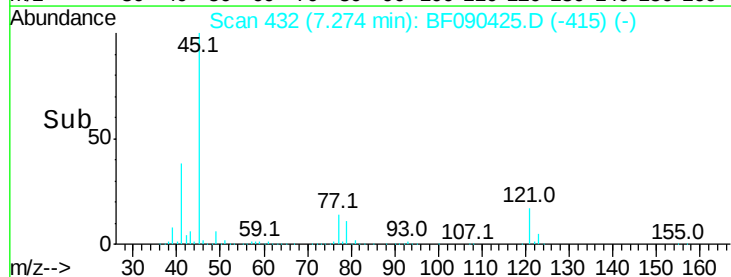
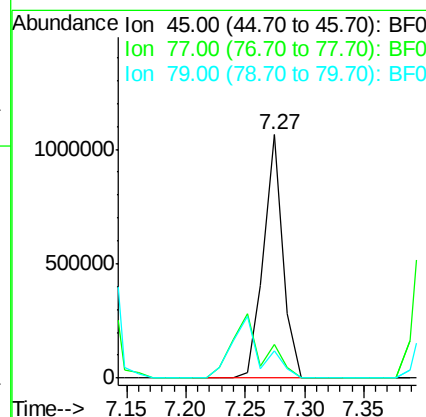
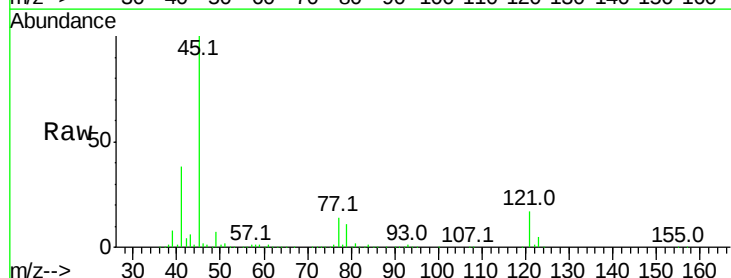
RT: 7.27 min Scan# 432

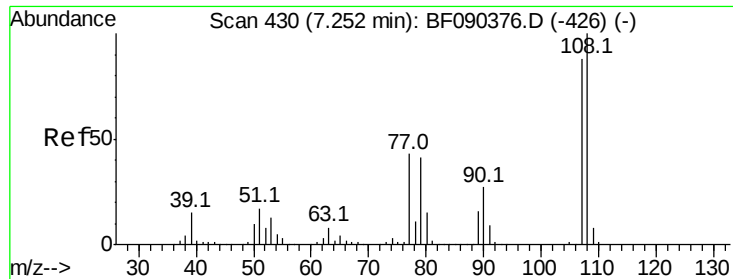
Delta R.T. -0.00 min

Lab File: BF090425.D

Acq: 6 Oct 2016 18:31

Tgt Ion:	45	Resp:	1218054
Ion Ratio	Lower	Upper	
45	100		
77	14.0	0.0	30.8
79	11.0	0.0	28.2





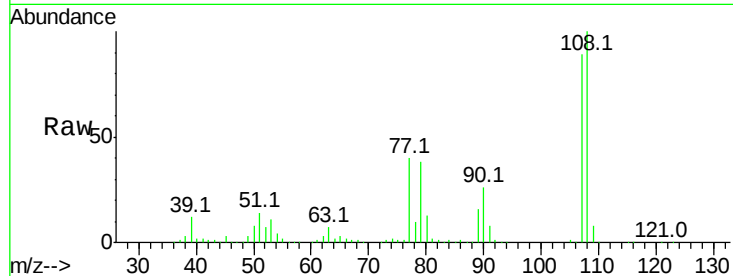
#17
2-Methylphenol
Concen: 55.47 ng
RT: 7.25 min Scan# 430
Delta R.T. -0.00 min
Lab File: BF090425.D
Acq: 6 Oct 2016 18:31

Instrument :
BNA_F
ClientSampled :
PB93820BS

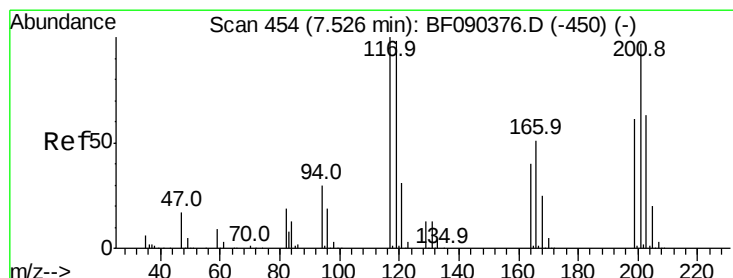
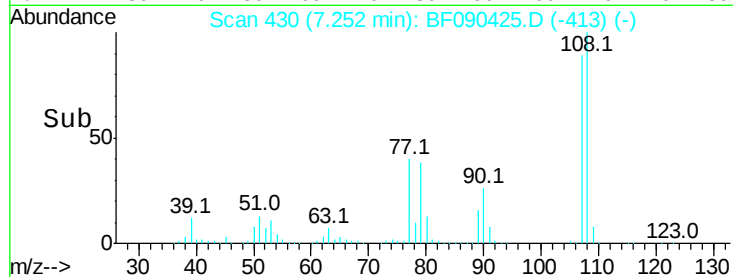
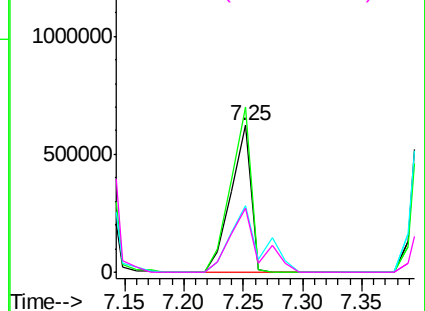
Tot Ion	Ratio	Resp	Lower	Upper
107	100	731817		
108	112.6	90.9	136.3	
77	44.9	38.2	57.4	
79	43.2	37.0	55.4	

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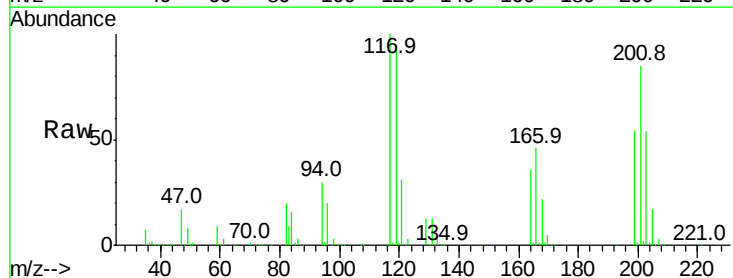


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

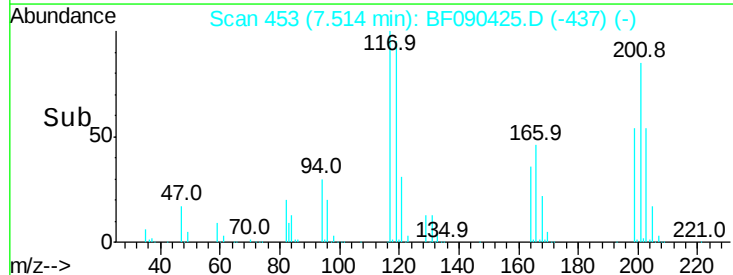
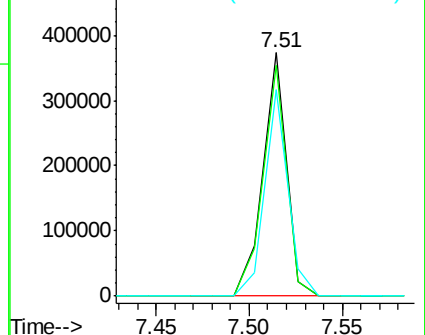


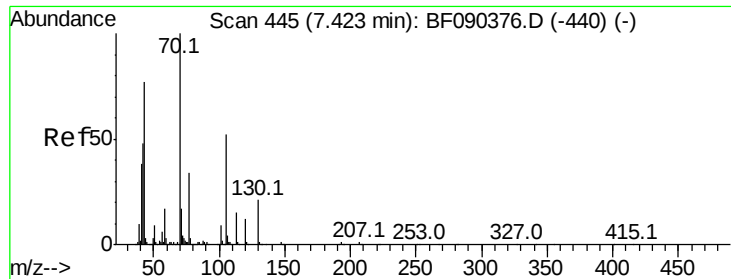
#18
Hexachloroethane
Concen: 50.64 ng
RT: 7.51 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF090425.D
Acq: 6 Oct 2016 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	324280		
119	94.7	75.9	113.9	
201	84.8	66.5	99.7	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





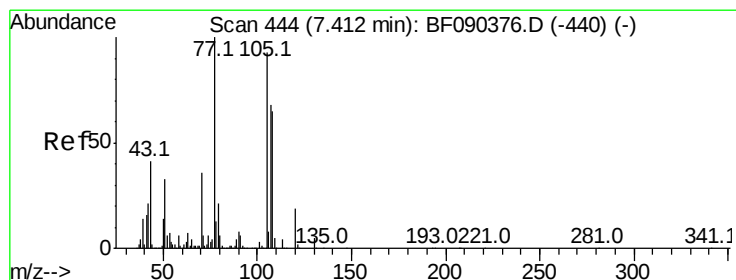
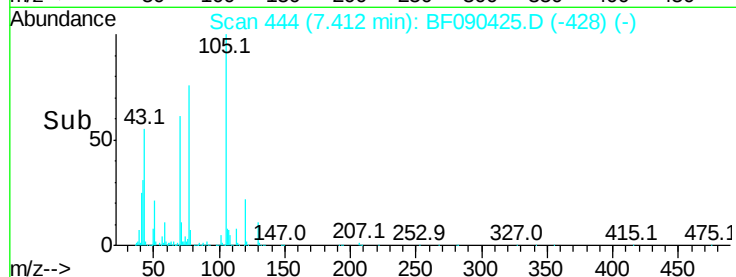
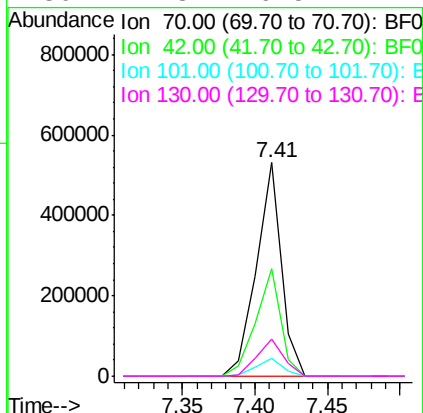
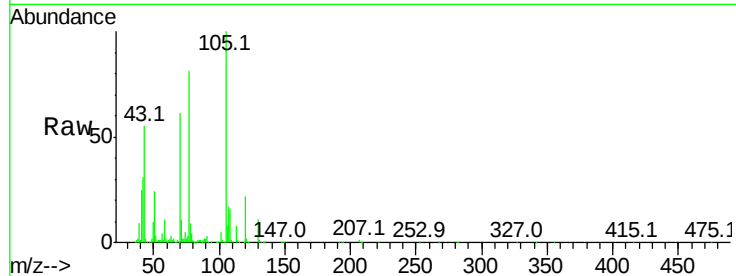
#19
n-Nitroso-di-n-propylamine
Concen: 45.26 ng
RT: 7.41 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF090425.D
Acq: 6 Oct 2016 18:31

Instrument :
BNA_F
ClientSampleId :
PB93820BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	50.3	55.4	83.2#
101	8.4	7.6	11.4
130	17.3	16.5	24.7

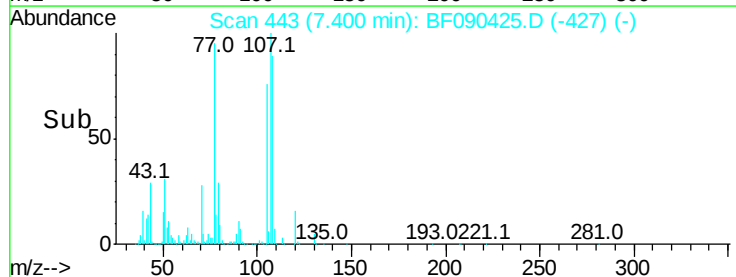
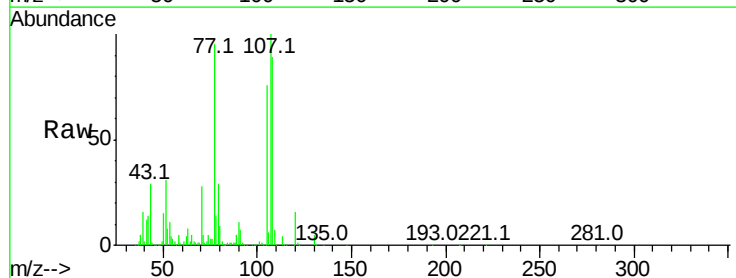
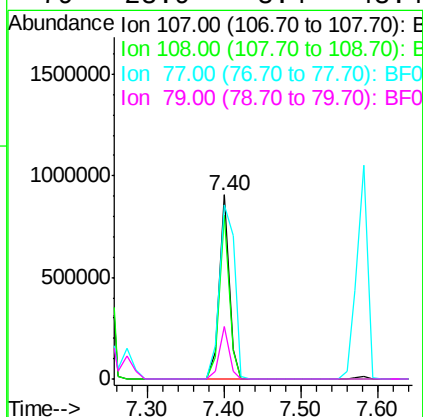
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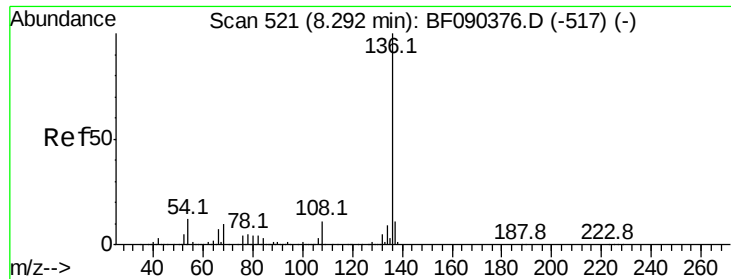
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#20
3+4-Methylphenols
Concen: 47.83 ng
RT: 7.40 min Scan# 443
Delta R.T. -0.01 min
Lab File: BF090425.D
Acq: 6 Oct 2016 18:31

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.1	66.7	106.7
77	94.6	53.7	93.7#
79	28.9	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.28 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF090425.D

Acq: 6 Oct 2016 18:31

Instrument :

BNA_F

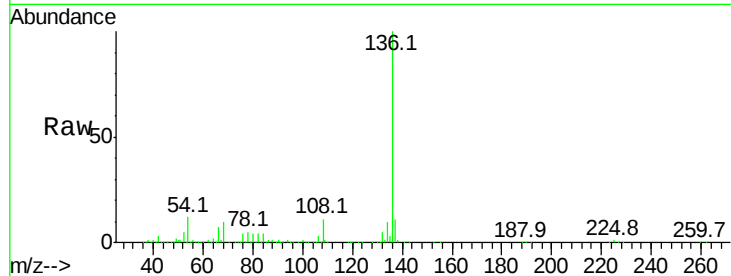
ClientSampled :

PB93820BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	9.0	13.6	
54	11.9	6.6	10.0	
68	10.2	5.0	7.6	

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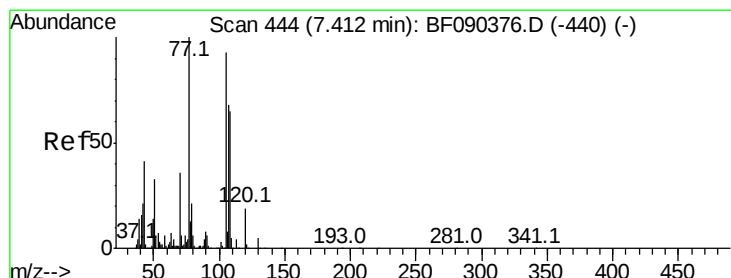
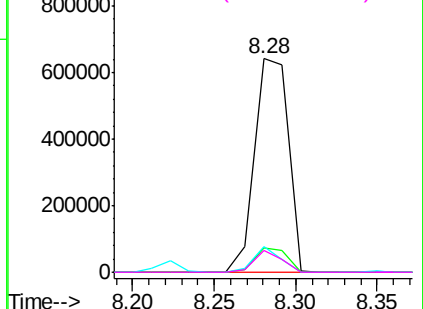
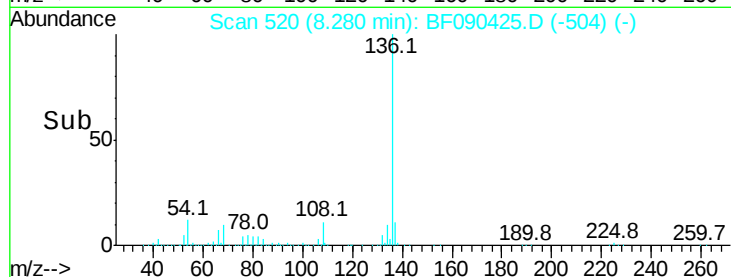


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 53.25 ng

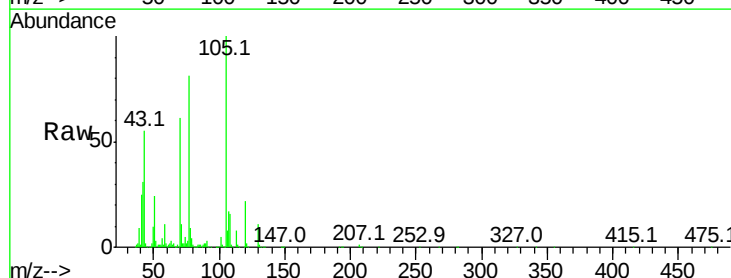
RT: 7.41 min Scan# 444

Delta R.T. -0.00 min

Lab File: BF090425.D

Acq: 6 Oct 2016 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	10.6	3.8	5.6	
51	23.9	28.2	42.4	
120	21.8	17.4	26.2	

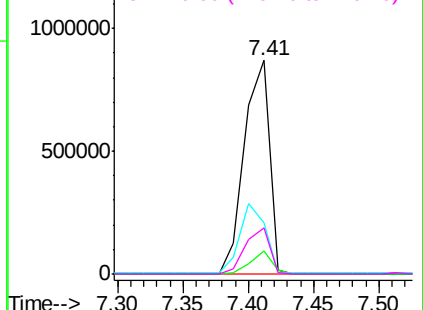
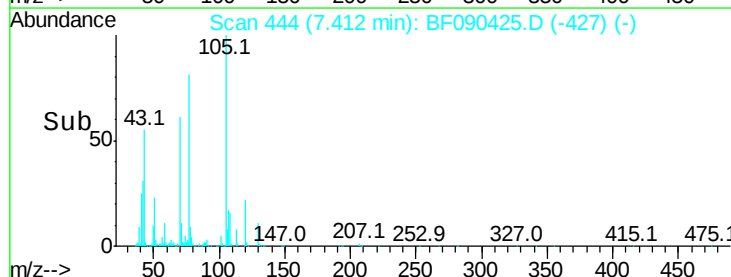


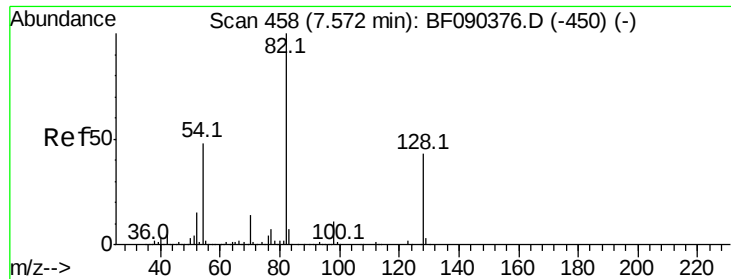
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





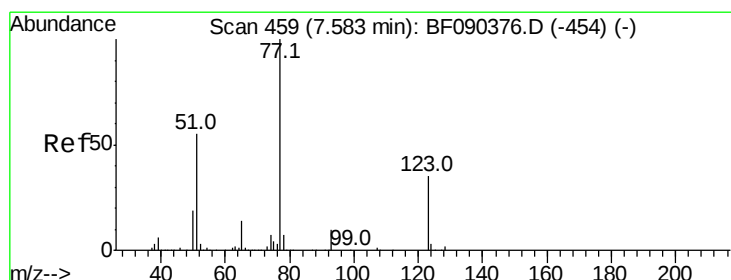
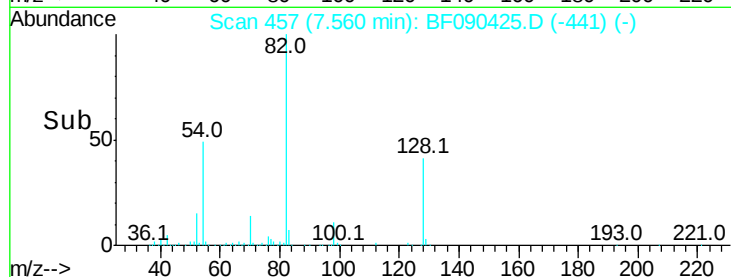
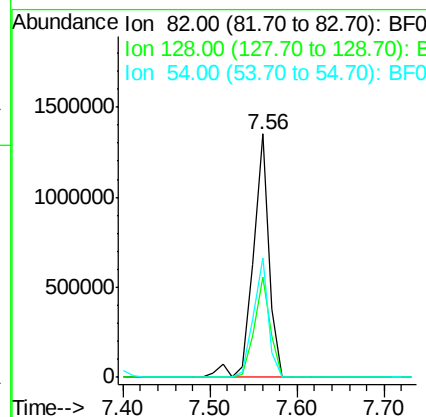
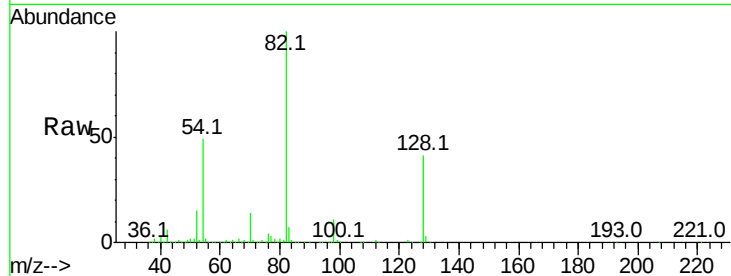
#23
 Nitrobenzene-d5
 Concen: 90.91 ng
 RT: 7.56 min Scan# 457
 Delta R.T. -0.01 min
 Lab File: BF090425.D
 Acq: 6 Oct 2016 18:31

Instrument :
 BNA_F
 ClientSampleId :
 PB93820BS

Tot Ion: 82 Resp: 1727199
 Ion Ratio Lower Upper
 82 100
 128 40.9 40.0 60.0
 54 49.0 42.6 64.0

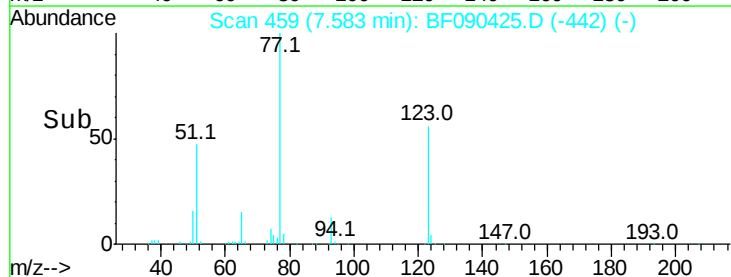
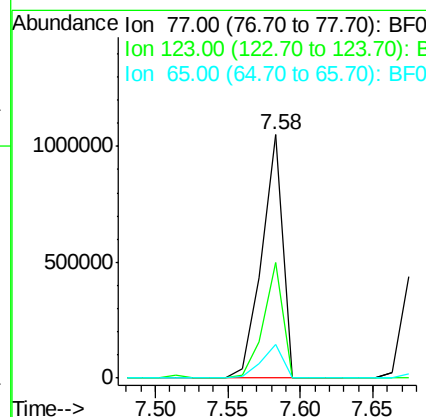
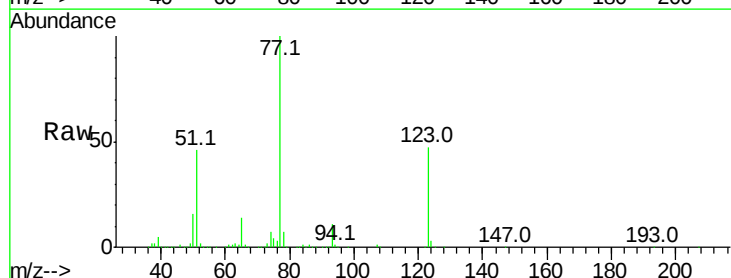
Manual Integrations
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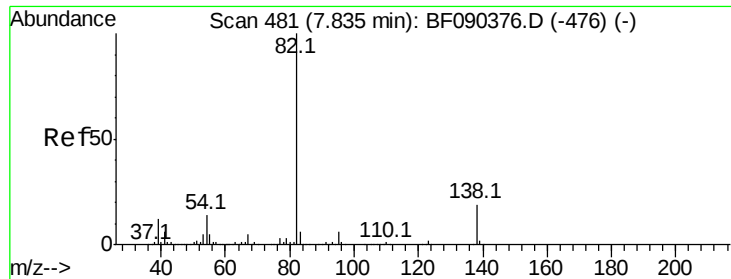
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#24
 Nitrobenzene
 Concen: 55.80 ng
 RT: 7.58 min Scan# 459
 Delta R.T. -0.00 min
 Lab File: BF090425.D
 Acq: 6 Oct 2016 18:31

Tgt Ion: 77 Resp: 1052581
 Ion Ratio Lower Upper
 77 100
 123 47.3 33.0 49.4
 65 13.7 12.0 18.0





#25

Isophorone

Concen: 49.97 ng

RT: 7.82 min Scan# 480

Delta R.T. -0.01 min

Lab File: BF090425.D

Acq: 6 Oct 2016 18:31

Instrument :

BNA_F

ClientSampleId :

PB93820BS

Tot Ion: 82 Resp: 1735786

Ion Ratio Lower Upper

82 100

95 6.3 5.2 7.8

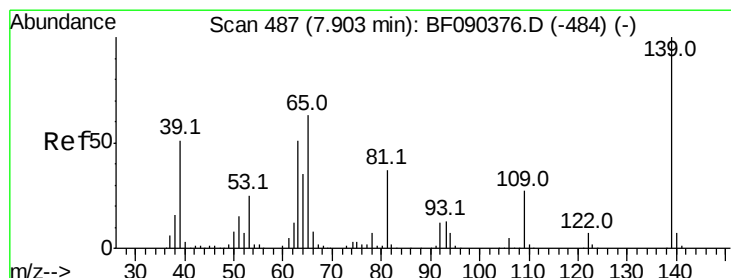
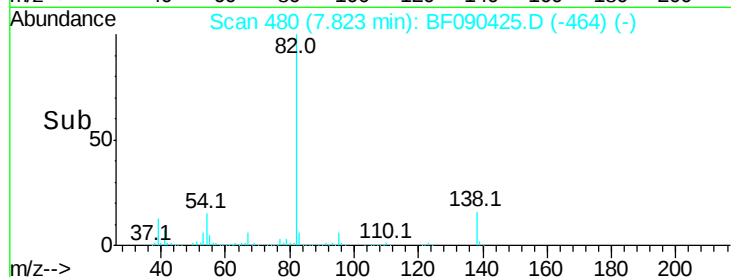
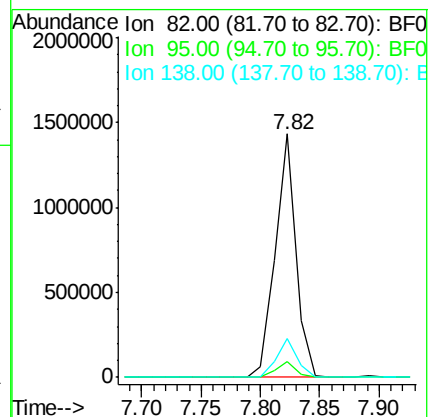
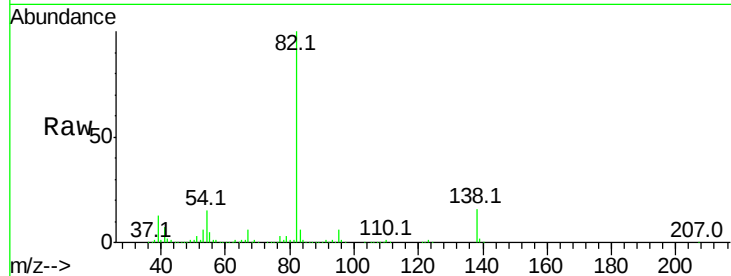
138 16.1 13.0 19.4

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#26

2-Nitrophenol

Concen: 52.89 ng

RT: 7.90 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF090425.D

Acq: 6 Oct 2016 18:31

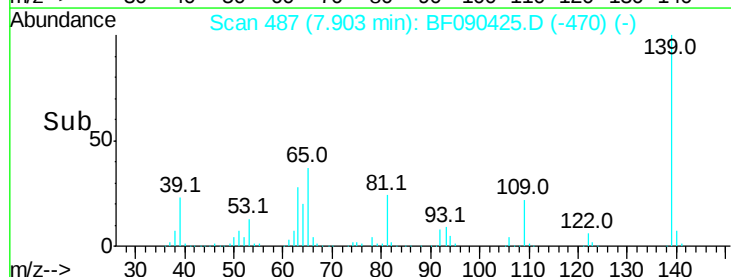
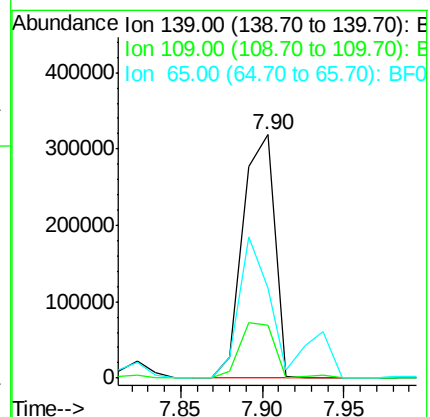
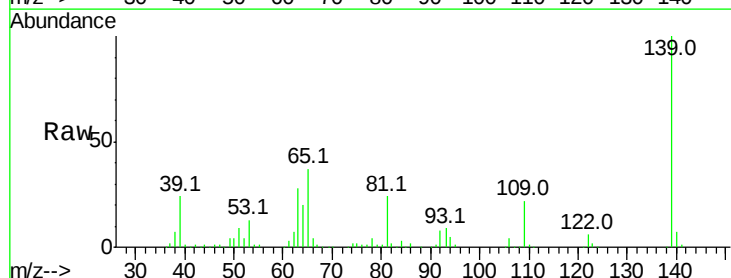
Tgt Ion:139 Resp: 429419

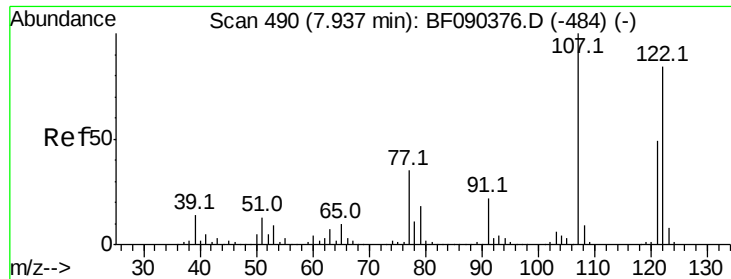
Ion Ratio Lower Upper

139 100

109 21.7 18.9 28.3

65 36.8 31.6 47.4





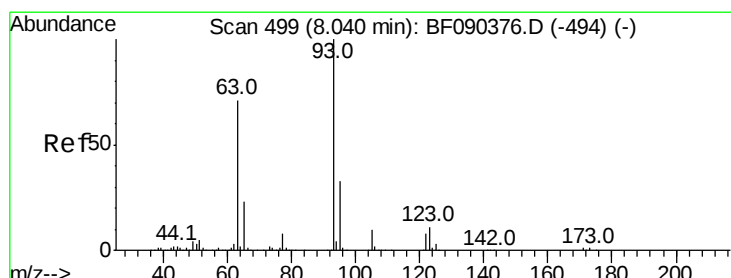
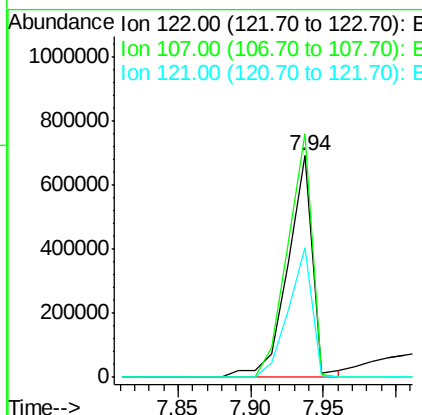
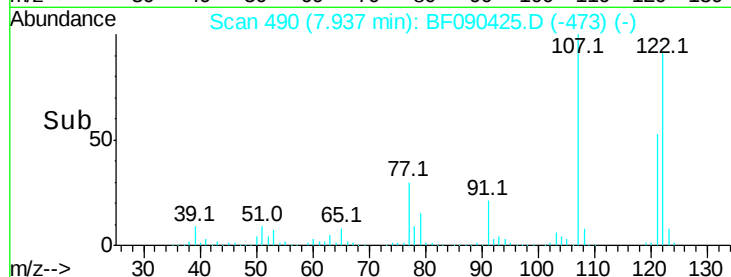
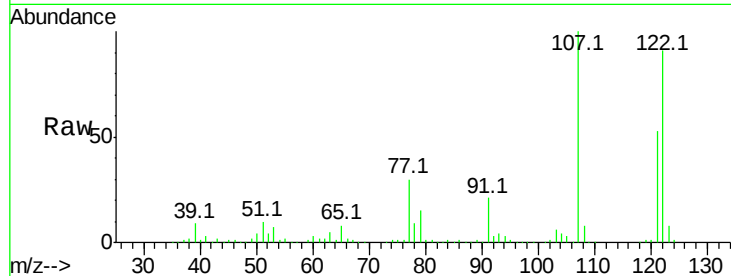
#27
 2,4-Dimethylphenol
 Concen: 51.92 ng
 RT: 7.94 min Scan# 490
 Delta R.T. -0.00 min
 Lab File: BF090425.D
 Acq: 6 Oct 2016 18:31

Instrument :
 BNA_F
 ClientSampleID :
 PB93820BS

Tot Ion:	122	Resp:	819722
Ion Ratio	Lower	Upper	
122	100		
107	109.9	88.6	132.8
121	58.7	47.5	71.3

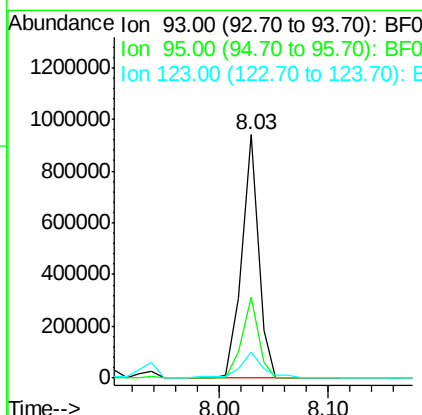
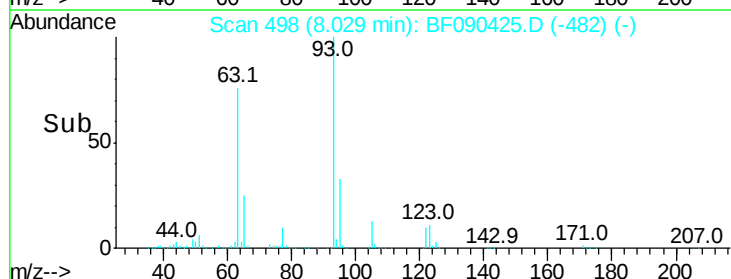
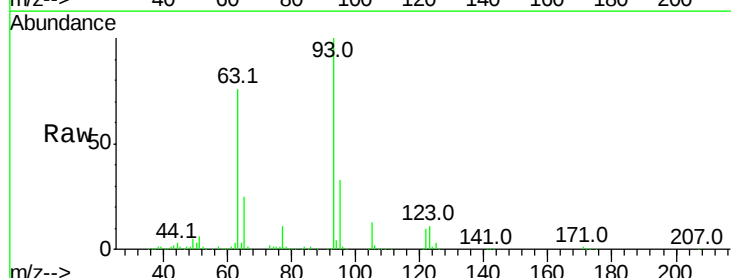
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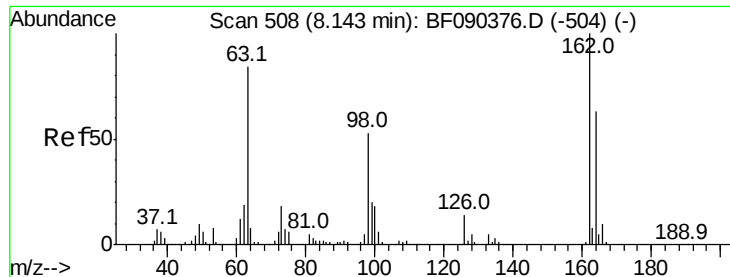
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#28
 bis(2-Chloroethoxy)methane
 Concen: 48.23 ng
 RT: 8.03 min Scan# 498
 Delta R.T. -0.01 min
 Lab File: BF090425.D
 Acq: 6 Oct 2016 18:31

Tgt Ion:	93	Resp:	990970
Ion Ratio	Lower	Upper	
93	100		
95	33.2	27.0	40.4
123	10.8	11.1	16.7#





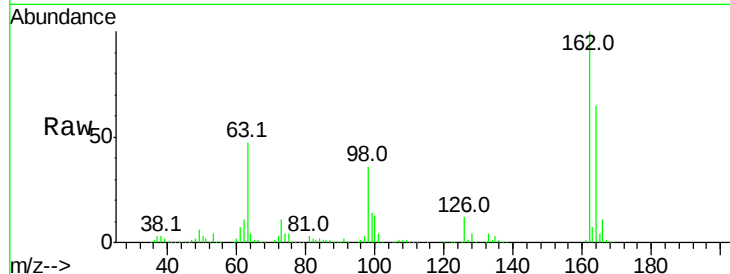
#29
 2,4-Dichlorophenol
 Concen: 55.56 ng
 RT: 8.14 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: BF090425.D
 Acq: 6 Oct 2016 18:31

Instrument :
 BNA_F
 ClientSampleId :
 PB93820BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	666899		
164	64.9	45.7	85.7	
98	36.5	13.3	53.3	

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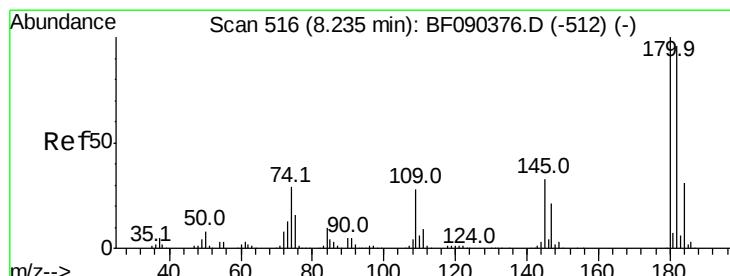
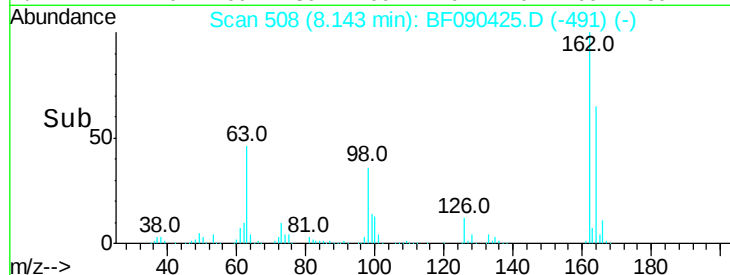
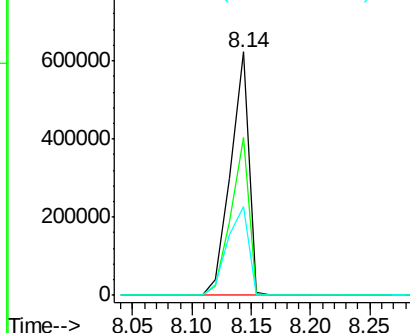


Abundance

Ion 162.00 (161.70 to 162.70): E

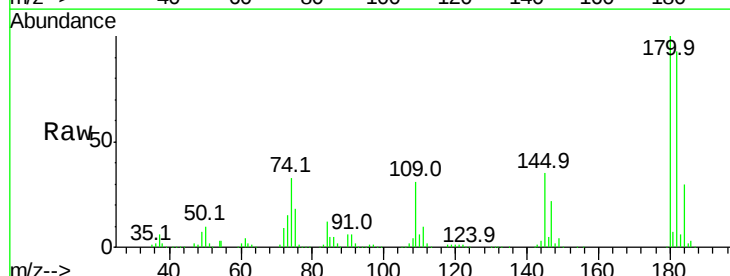
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30
 1,2,4-Trichlorobenzene
 Concen: 51.03 ng
 RT: 8.22 min Scan# 515
 Delta R.T. -0.01 min
 Lab File: BF090425.D
 Acq: 6 Oct 2016 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	631275		
182	93.5	75.3	112.9	
145	34.8	27.7	41.5	

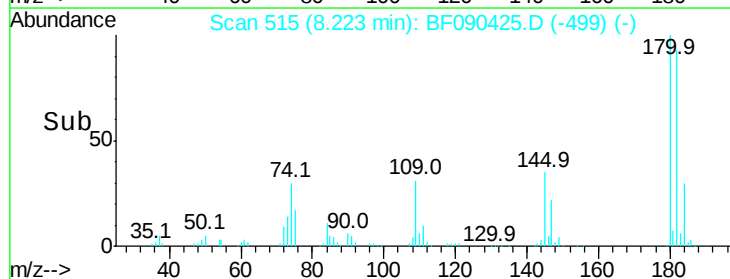
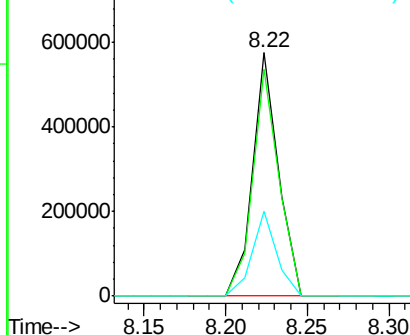


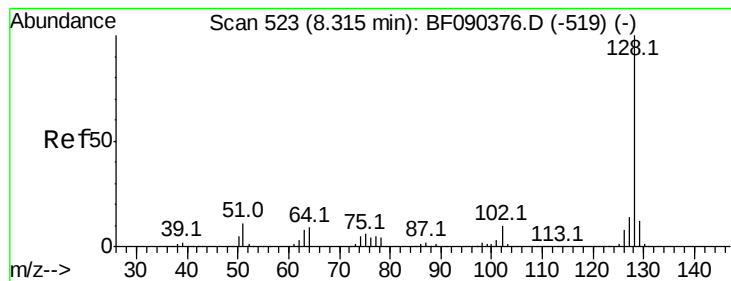
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 48.06 ng

RT: 8.30 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF090425.D

Acq: 6 Oct 2016 18:31

Instrument :

BNA_F

ClientSampleId :

PB93820BS

Tot Ion:128 Resp: 2142814

Ion Ratio Lower Upper

128 100

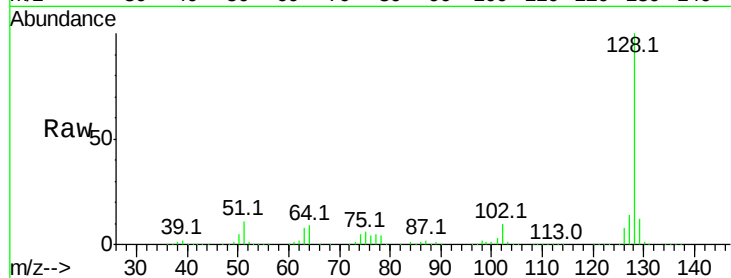
129 11.9 9.7 14.5

127 13.8 11.7 17.5

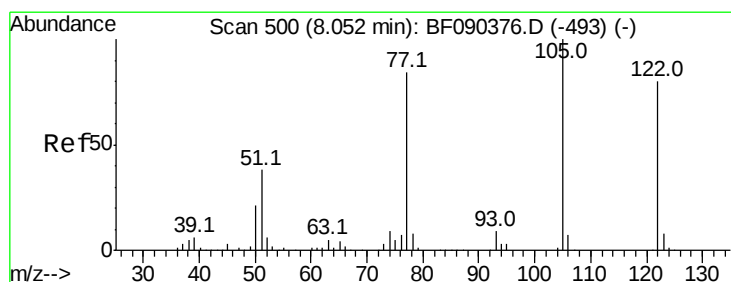
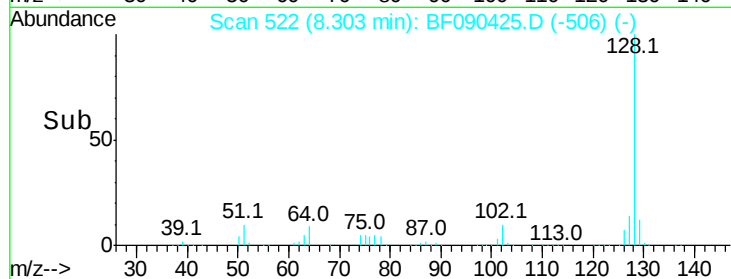
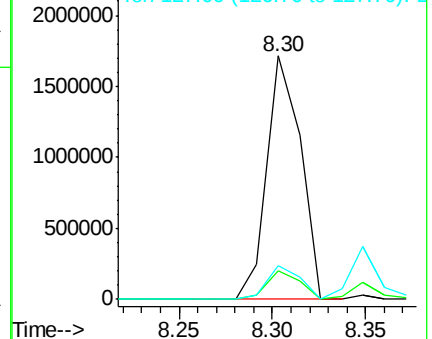
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 48.95 ng

RT: 8.05 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF090425.D

Acq: 6 Oct 2016 18:31

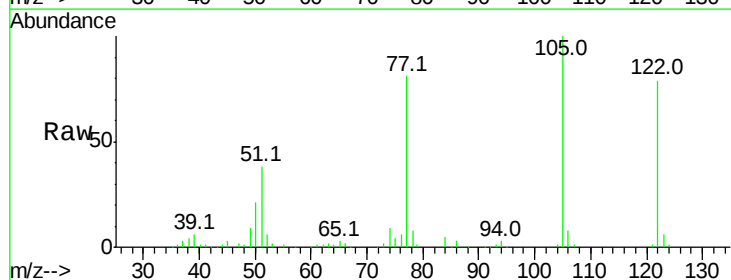
Tgt Ion:122 Resp: 537269

Ion Ratio Lower Upper

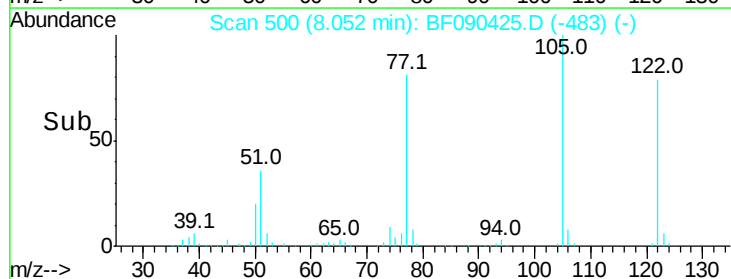
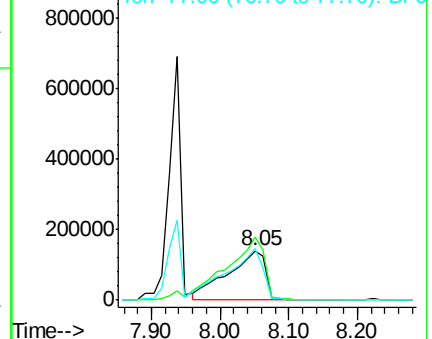
122 100

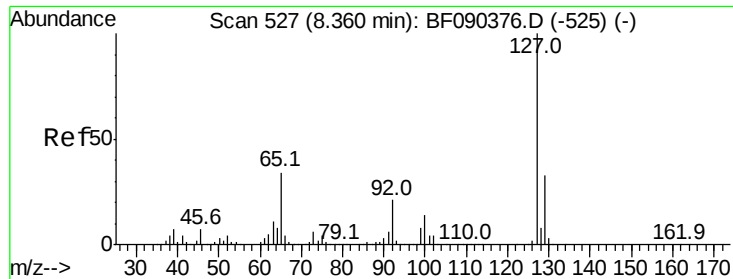
105 126.8 103.9 143.9

77 103.2 74.6 114.6



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





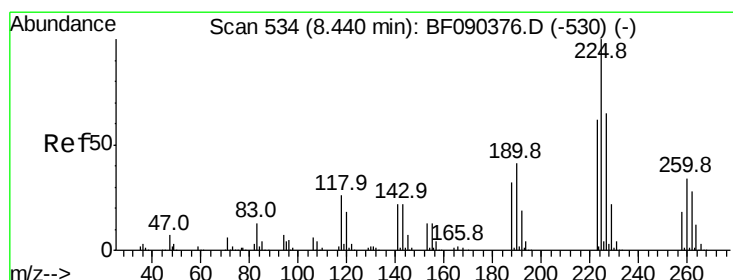
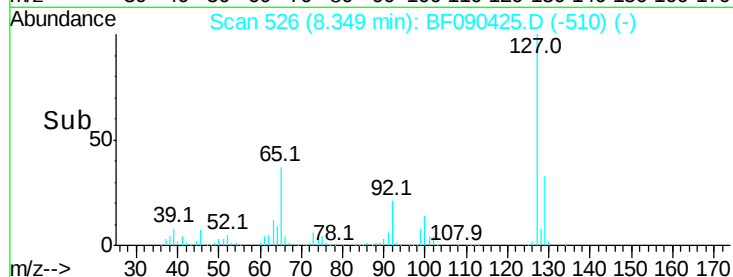
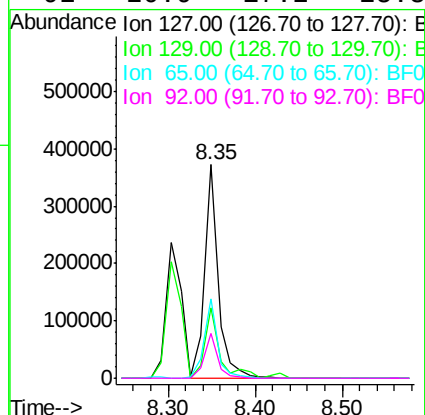
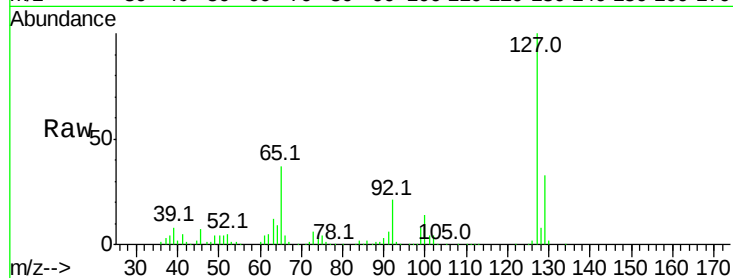
#33
4-Chloroaniline
Concen: 21.77 ng
RT: 8.35 min Scan# 526
Delta R.T. -0.01 min
Lab File: BF090425.D
Acq: 6 Oct 2016 18:31

Instrument :
BNA_F
ClientSampled :
PB93820BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.2	39.4
65	37.0	32.5	48.7
92	20.9	17.2	25.8

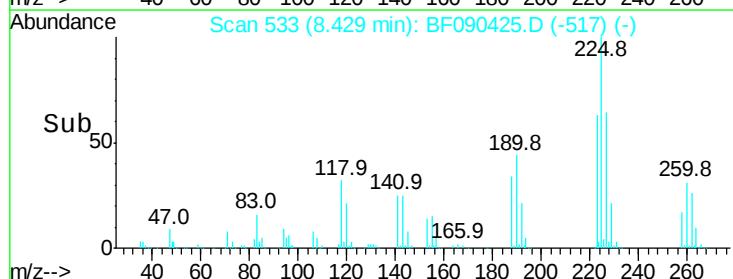
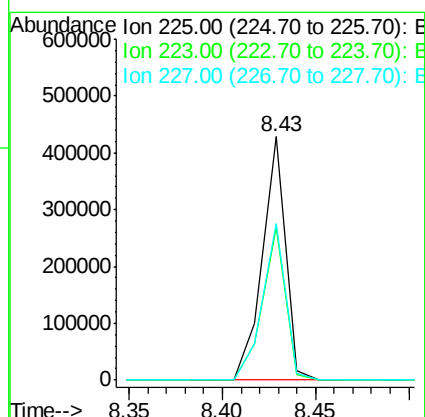
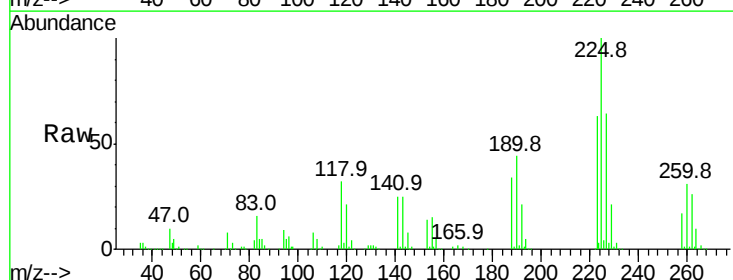
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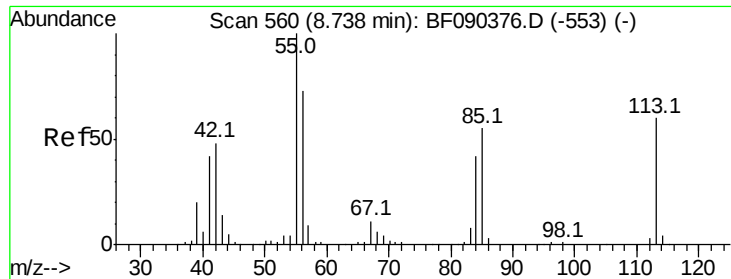
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#34
Hexachlorobutadiene
Concen: 54.33 ng
RT: 8.43 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF090425.D
Acq: 6 Oct 2016 18:31

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	51.0	76.4
227	64.4	50.8	76.2





#35

Caprolactam

Concen: 59.93 ng/ml

RT: 8.73 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF090425.D

Acq: 6 Oct 2016 18:31

Instrument :

BNA_F

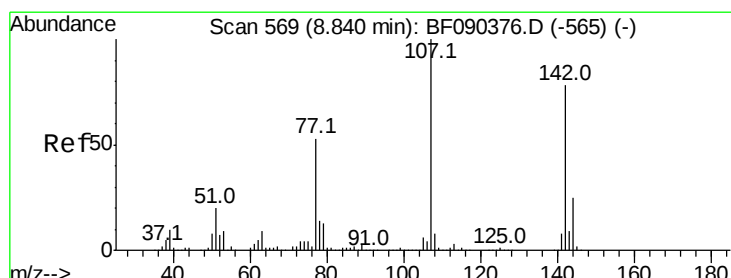
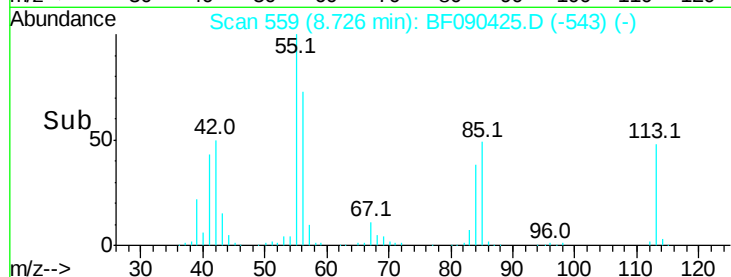
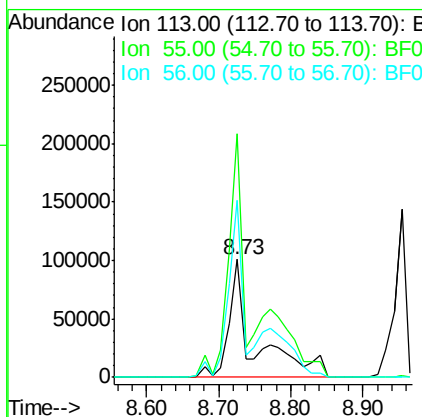
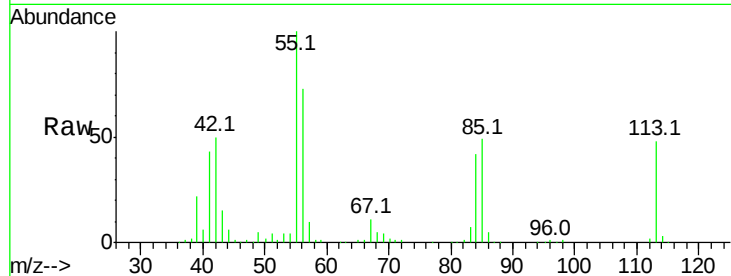
ClientSampled :

PB93820BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	206.2	203.3	243.3
56	150.3	140.5	180.5

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#36

4-Chloro-3-methylphenol

Concen: 53.32 ng/ml

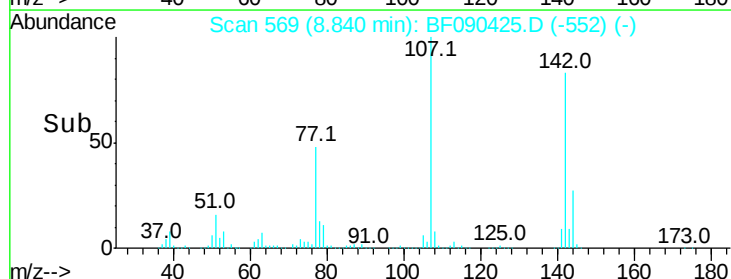
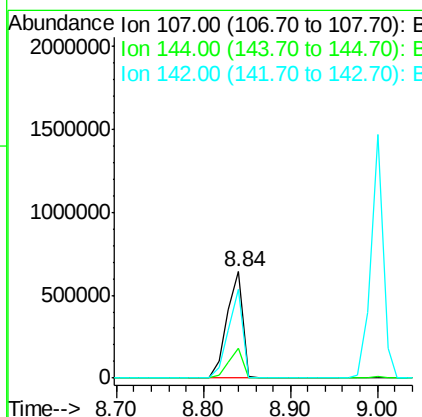
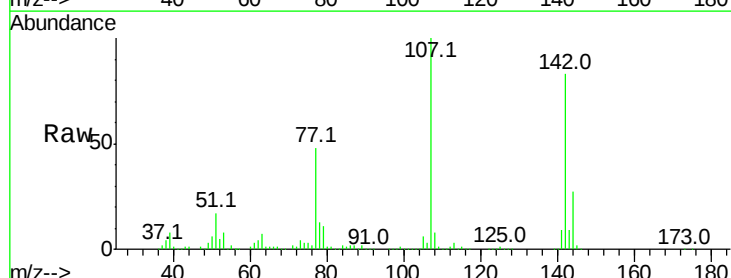
RT: 8.84 min Scan# 569

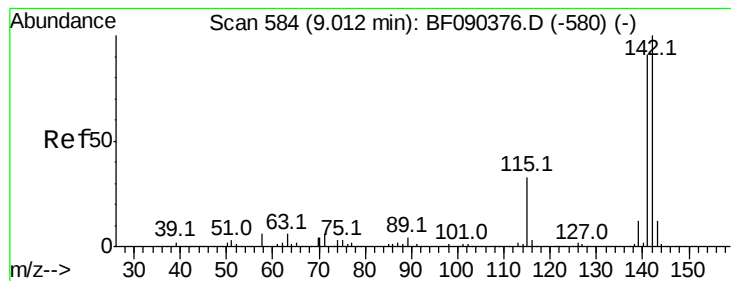
Delta R.T. -0.00 min

Lab File: BF090425.D

Acq: 6 Oct 2016 18:31

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.4	19.8	29.8
142	83.1	60.7	91.1





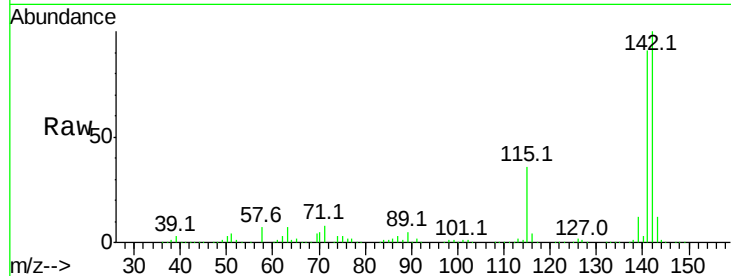
#37
2-Methylnaphthalene
Concen: 52.42 ng
RT: 9.00 min Scan# 583
Delta R.T. -0.01 min
Lab File: BF090425.D
Acq: 6 Oct 2016 18:31

Instrument :
BNA_F
ClientSampleId :
PB93820BS

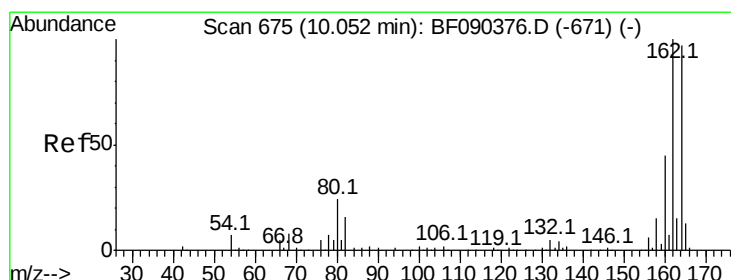
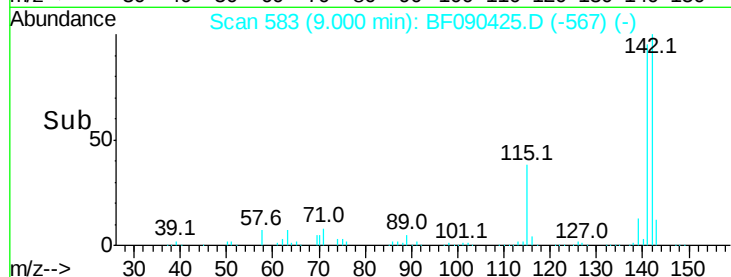
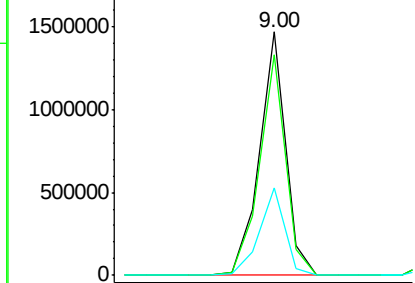
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	71.8	107.8
115	35.9	28.8	43.2

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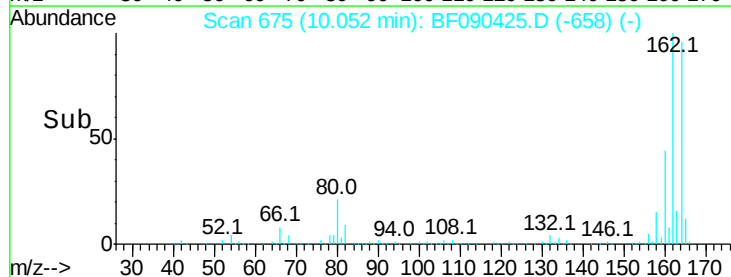
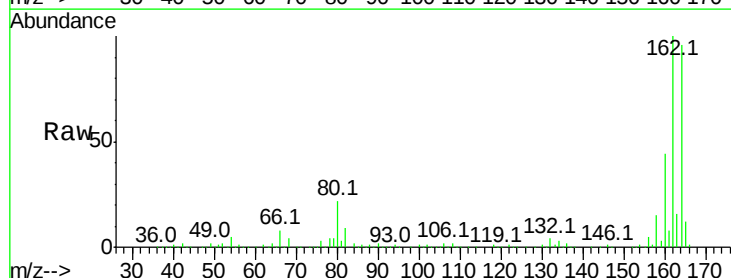
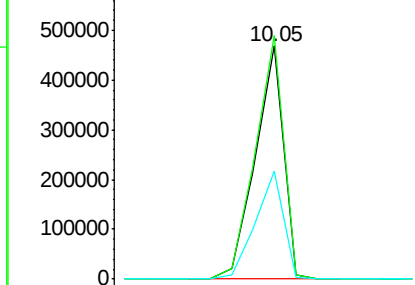
Abundance Ion 142.00 (141.70 to 142.70): E
2000000
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

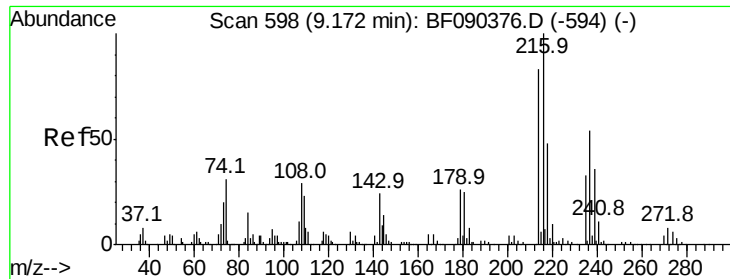


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.05 min Scan# 675
Delta R.T. -0.00 min
Lab File: BF090425.D
Acq: 6 Oct 2016 18:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	80.1	120.1
160	46.2	36.3	54.5

Abundance Ion 164.00 (163.70 to 164.70): E
600000
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





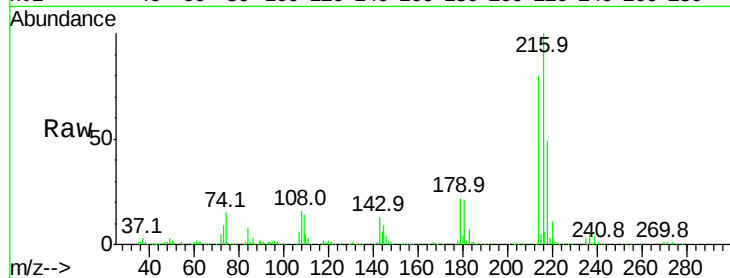
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 54.71 ng
 RT: 9.17 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: BF090425.D
 Acq: 6 Oct 2016 18:31

Instrument :
 BNA_F
 ClientSampleId :
 PB93820BS

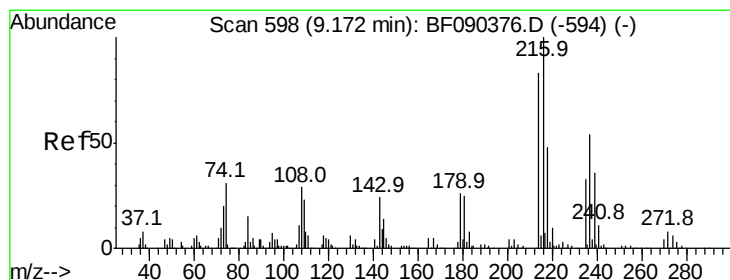
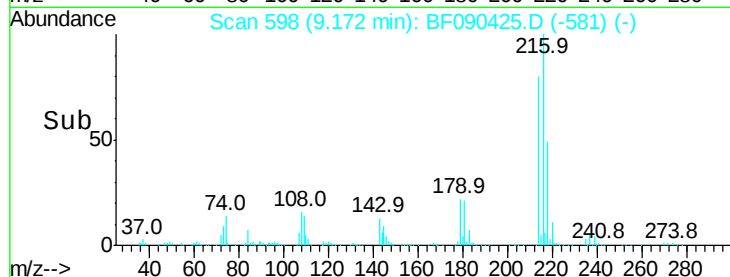
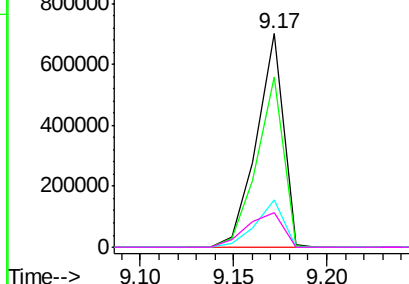
Tot Ion:	216	Resp:	701412
Ion Ratio		Lower	Upper
216	100		
214	79.6	64.2	96.2
179	22.7	18.0	27.0
108	21.9	15.2	22.8

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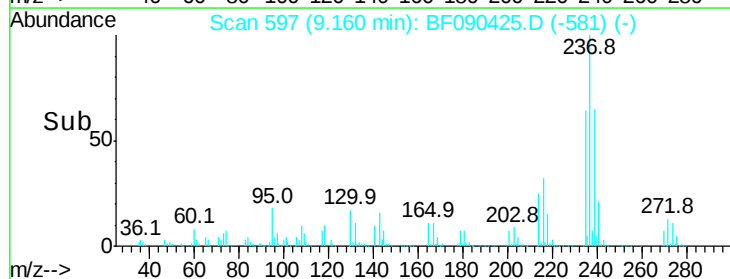
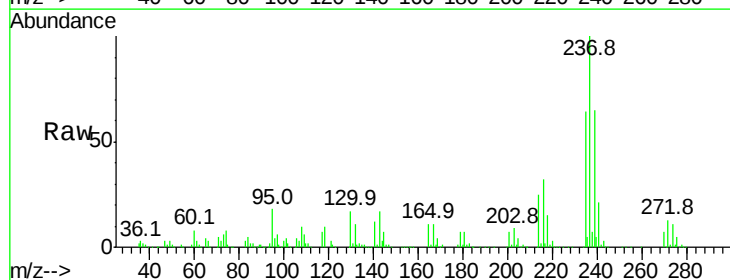
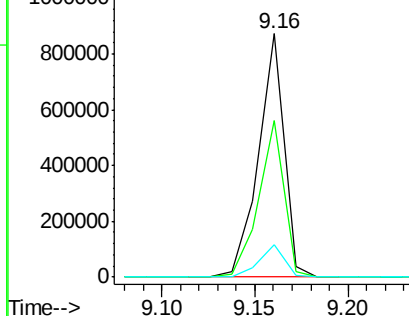
Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

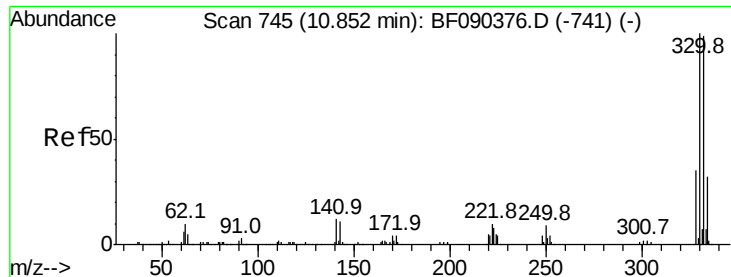


#40
 Hexachlorocyclopentadiene
 Concen: 117.30 ng
 RT: 9.16 min Scan# 597
 Delta R.T. -0.01 min
 Lab File: BF090425.D
 Acq: 6 Oct 2016 18:31

Tgt Ion:	237	Resp:	824393
Ion Ratio		Lower	Upper
237	100		
235	64.4	43.6	83.6
272	13.4	0.0	32.7

Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





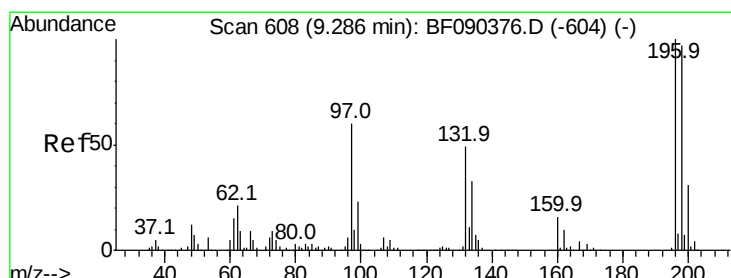
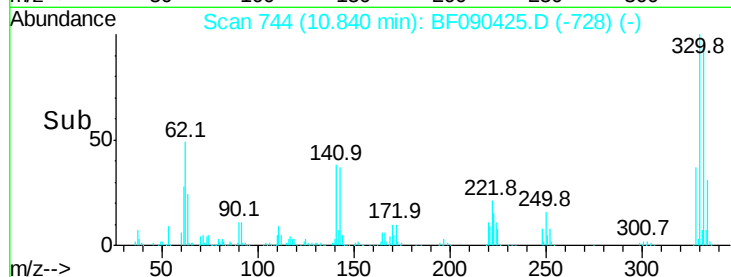
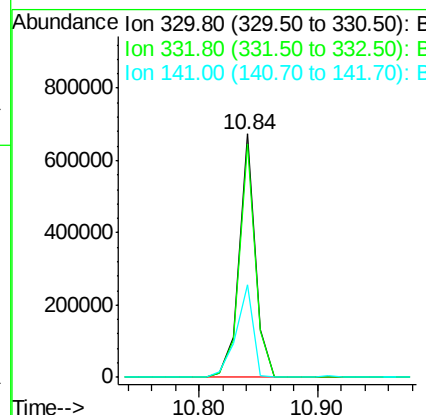
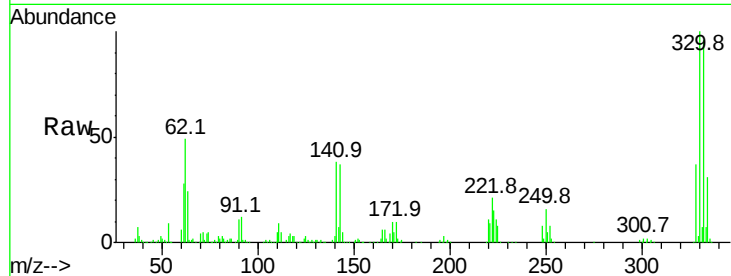
#41
 2,4,6-Tribromophenol
 Concen: 162.00 ng
 RT: 10.84 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF090425.D
 Acq: 6 Oct 2016 18:31

Instrument :
 BNA_F
 ClientSampled :
 PB93820BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	640589		
332	96.0	75.4	113.0	
141	39.7	26.9	40.3	

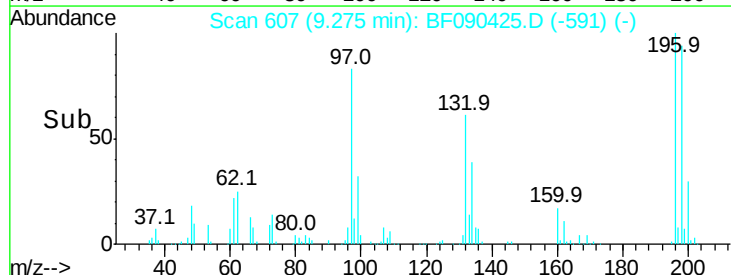
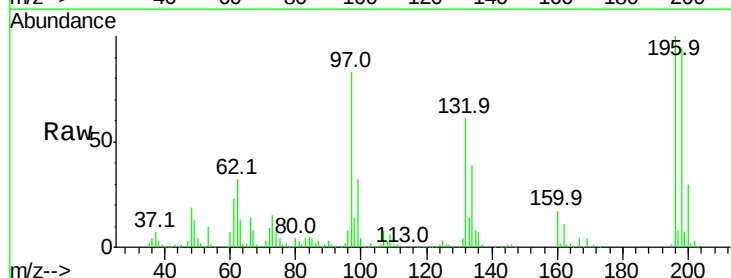
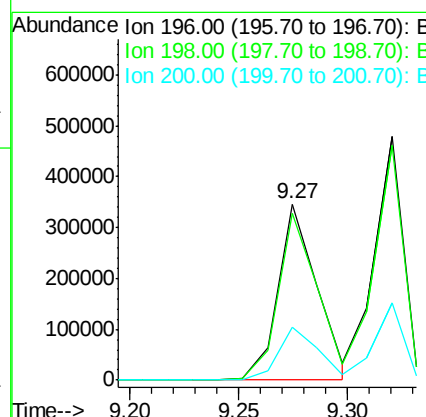
Manual Integrations
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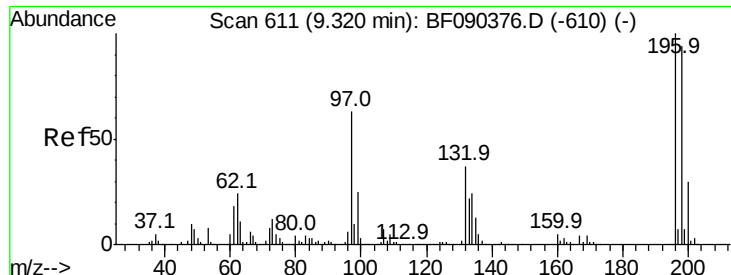
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#42
 2,4,6-Trichlorophenol
 Concen: 49.05 ng
 RT: 9.27 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF090425.D
 Acq: 6 Oct 2016 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	433928		
198	94.3	78.9	118.3	
200	29.8	25.4	38.2	





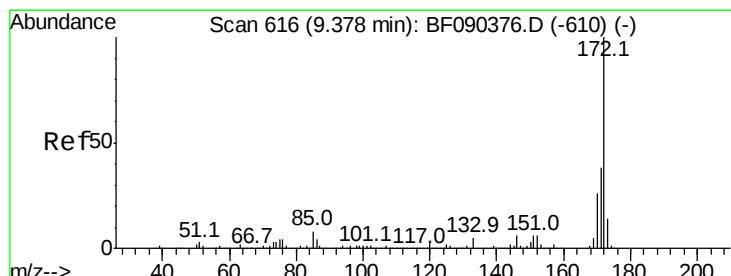
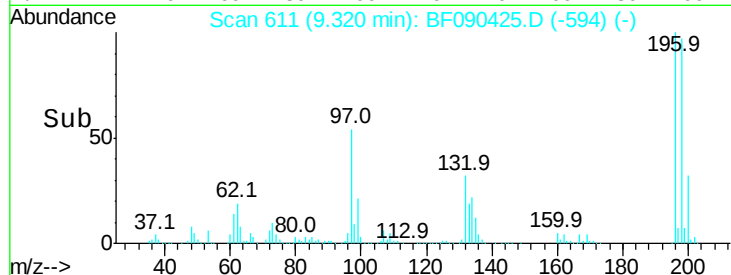
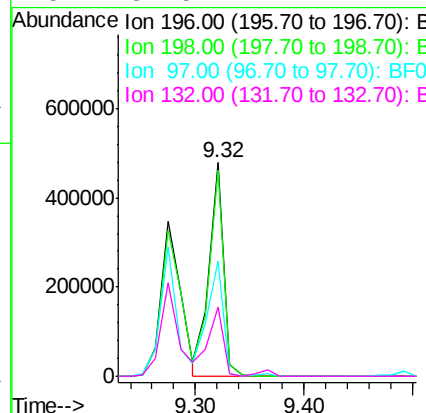
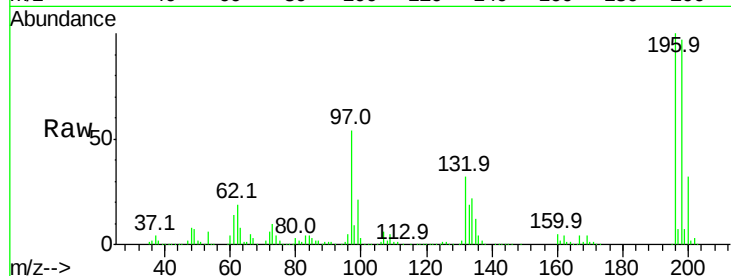
#43
 2,4,5-Trichlorophenol
 Concen: 53.57 ng
 RT: 9.32 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF090425.D
 Acq: 6 Oct 2016 18:31

Instrument :
 BNA_F
 ClientSampleId :
 PB93820BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	448147		
198	96.5	78.1	117.1	
97	53.7	48.1	72.1	
132	32.5	27.4	41.2	

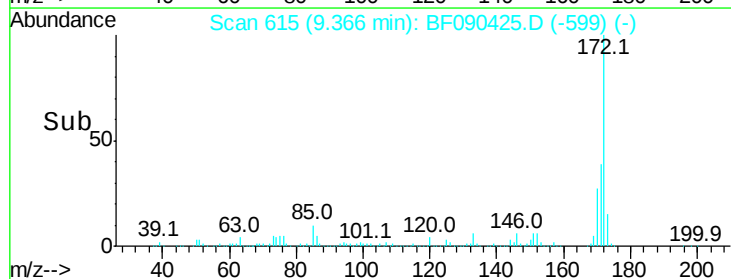
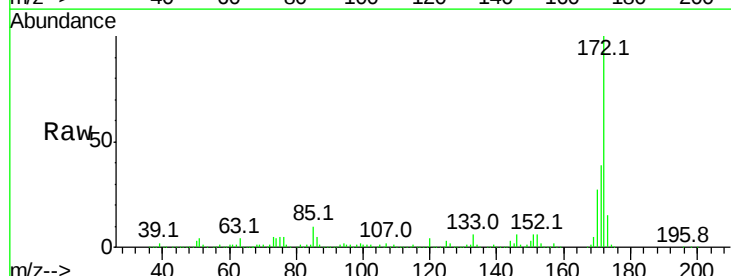
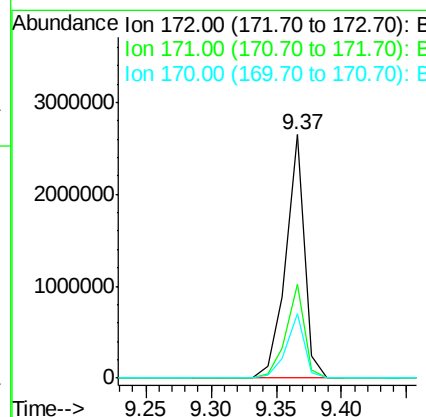
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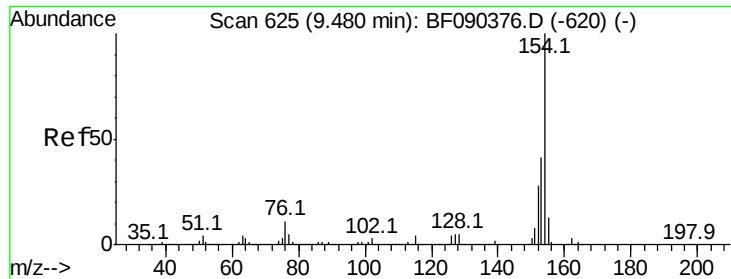
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#44
 2-Fluorobiphenyl
 Concen: 91.73 ng
 RT: 9.37 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF090425.D
 Acq: 6 Oct 2016 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2677451		
171	38.5	31.8	47.8	
170	26.6	21.7	32.5	





#45

1,1'-Biphenyl

Concen: 52.21 ng

RT: 9.47 min Scan# 624

Delta R.T. -0.01 min

Lab File: BF090425.D

Acq: 6 Oct 2016 18:31

Instrument :

BNA_F

ClientSampled :

PB93820BS

Tot Ion:154 Resp: 1881261

Ion Ratio Lower Upper

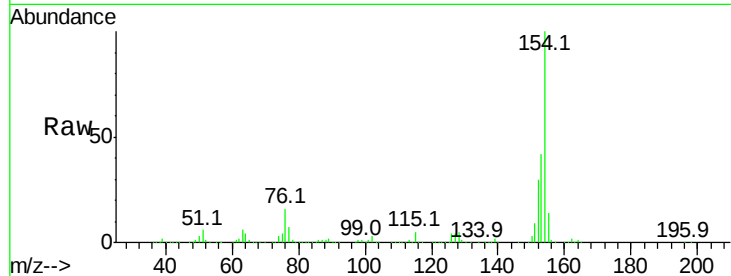
154 100

153 42.1 23.8 63.8

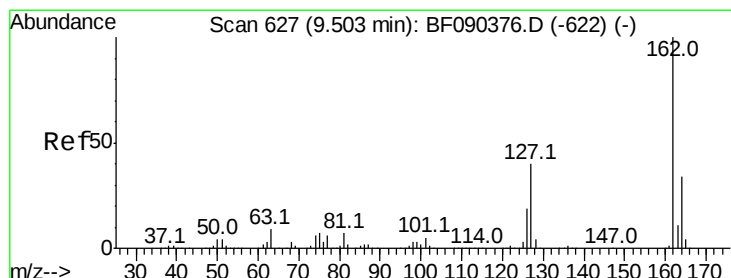
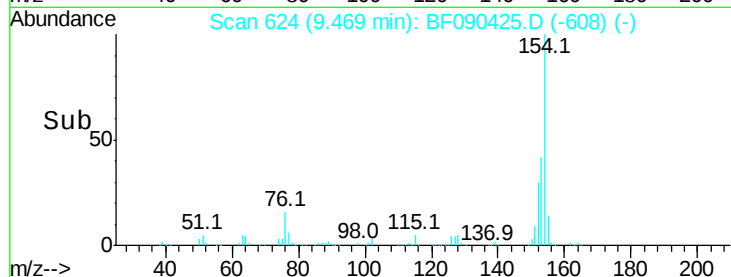
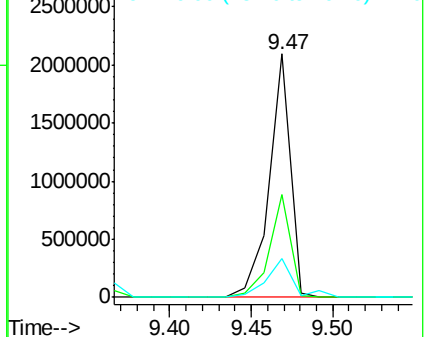
76 16.0 0.0 35.8

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 50.66 ng

RT: 9.49 min Scan# 626

Delta R.T. -0.01 min

Lab File: BF090425.D

Acq: 6 Oct 2016 18:31

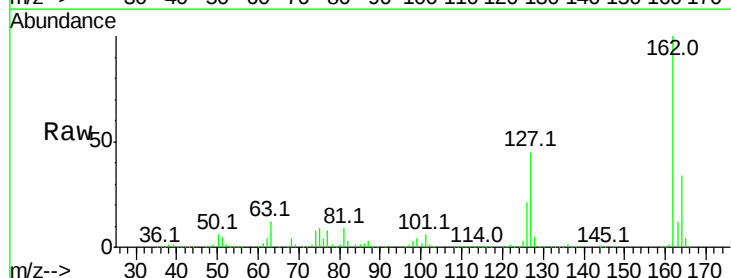
Tgt Ion:162 Resp: 1348966

Ion Ratio Lower Upper

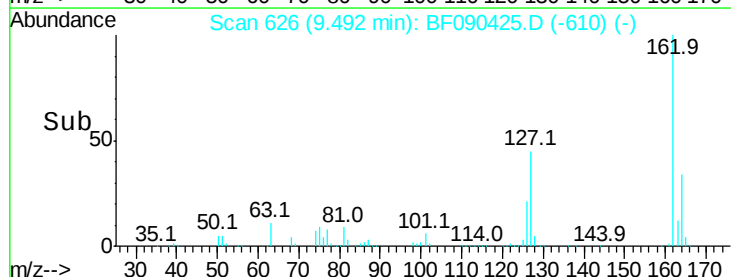
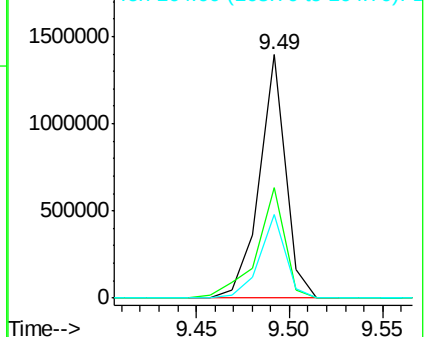
162 100

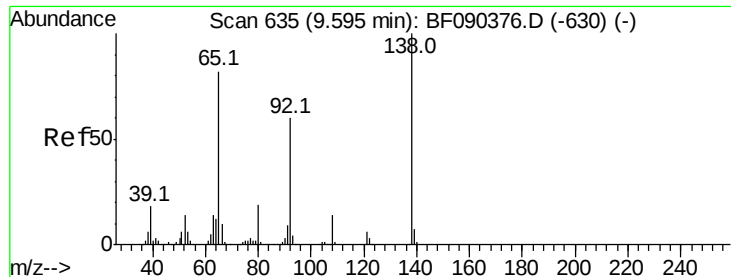
127 45.3 35.6 53.4

164 34.3 27.5 41.3



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





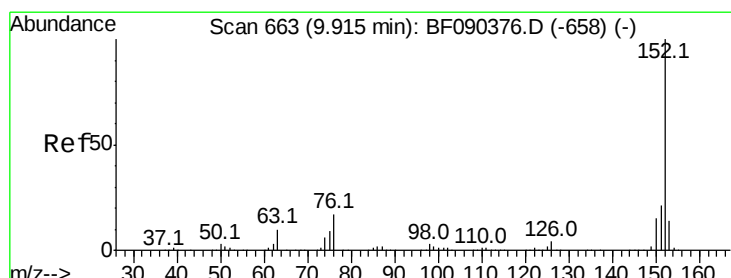
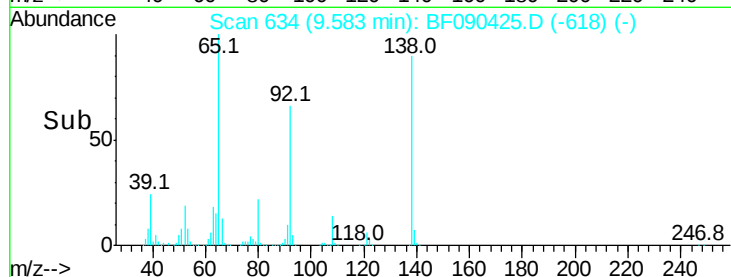
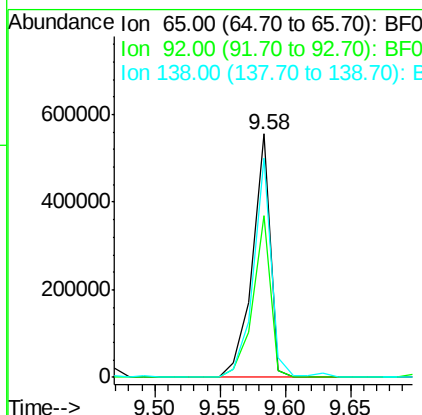
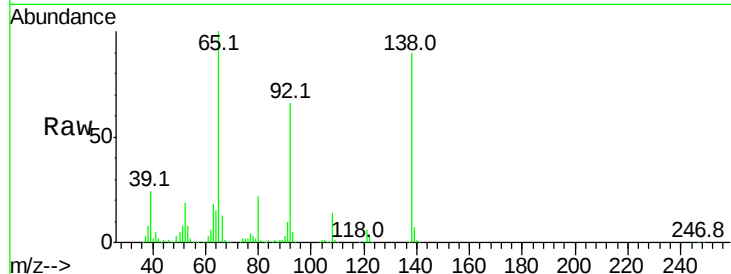
#47
2-Nitroaniline
Concen: 50.78 ng
RT: 9.58 min Scan# 634
Delta R.T. -0.01 min
Lab File: BF090425.D
Acq: 6 Oct 2016 18:31

Instrument :
BNA_F
ClientSampleId :
PB93820BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.2	51.7	77.5
138	90.2	79.0	118.4

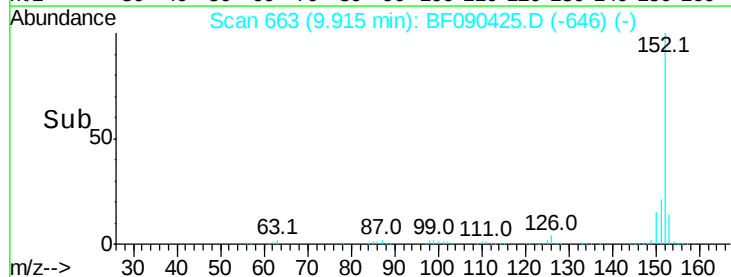
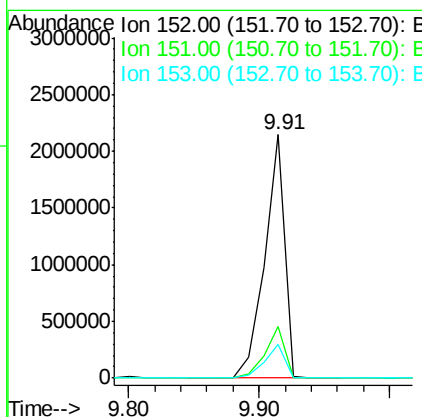
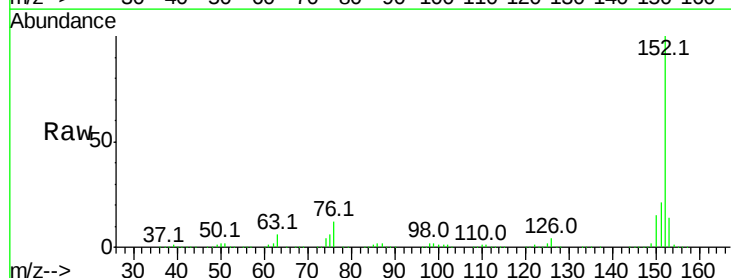
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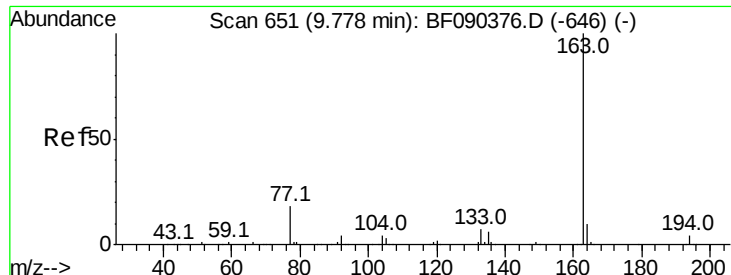
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#48
Acenaphthylene
Concen: 51.80 ng
RT: 9.91 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF090425.D
Acq: 6 Oct 2016 18:31

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.4	17.4	26.0
153	13.9	11.6	17.4





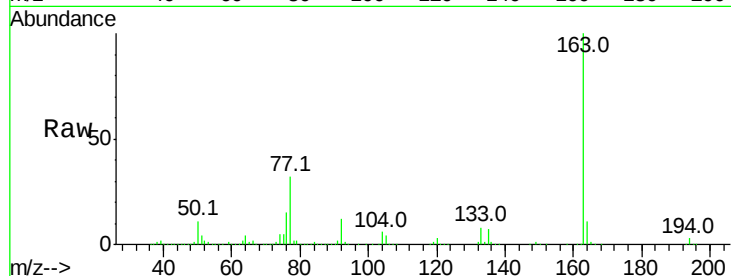
#49
Dimethylphthalate
Concen: 45.96 ng
RT: 9.77 min Scan# 650
Delta R.T. -0.01 min
Lab File: BF090425.D
Acq: 6 Oct 2016 18:31

Instrument :
BNA_F
ClientSampleId :
PB93820BS

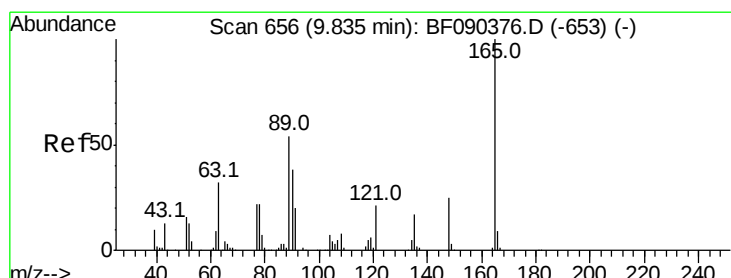
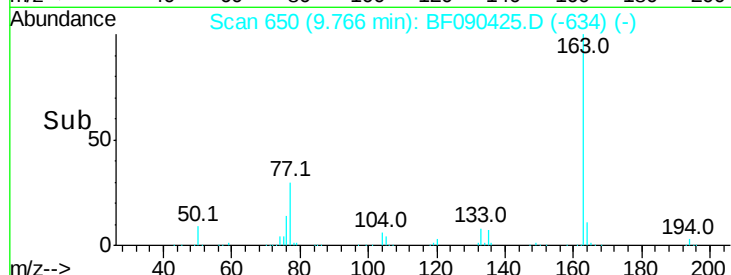
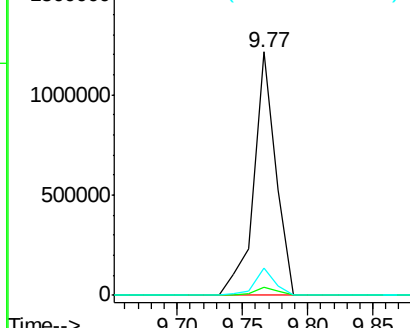
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.8	4.2
164	11.2	9.0	13.4

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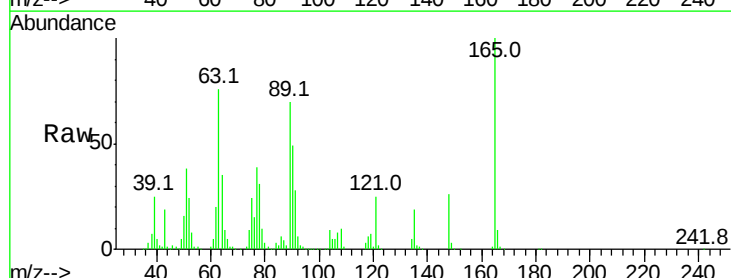


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

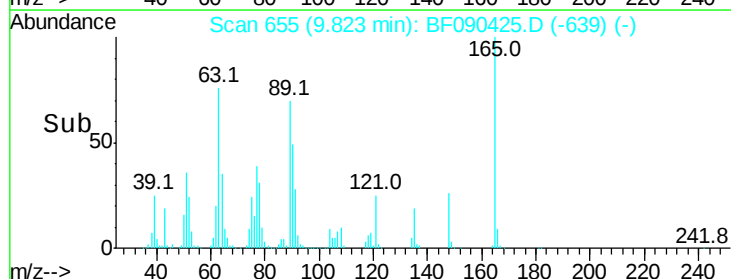
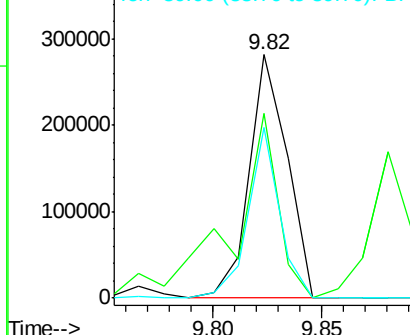


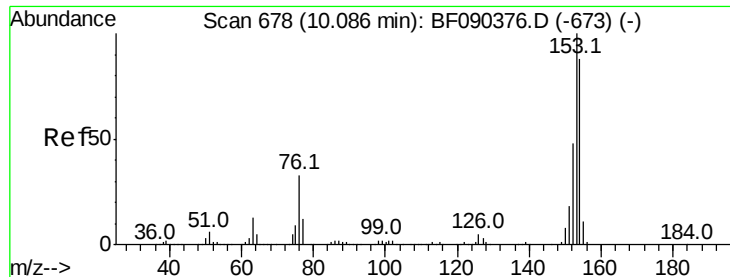
#50
2,6-Dinitrotoluene
Concen: 49.21 ng
RT: 9.82 min Scan# 655
Delta R.T. -0.01 min
Lab File: BF090425.D
Acq: 6 Oct 2016 18:31

Tgt Ion	Ratio	Lower	Upper
165	100		
63	75.8	58.0	87.0
89	70.2	51.2	76.8



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 58.37 ng

RT: 10.09 min Scan# 678

Delta R.T. -0.00 min

Lab File: BF090425.D

Acq: 6 Oct 2016 18:31

Instrument :

BNA_F

ClientSampleId :

PB93820BS

Tot Ion:154 Resp: 1598790

Ion Ratio Lower Upper

154 100

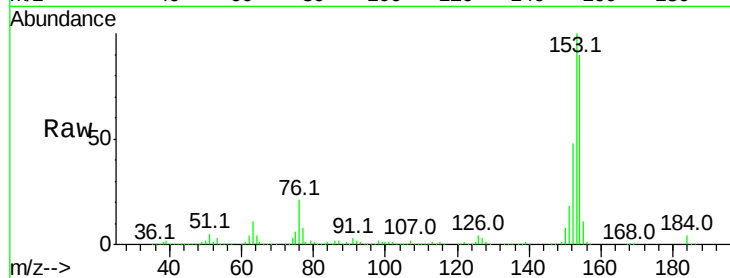
153 111.3 88.6 133.0

152 53.1 42.6 64.0

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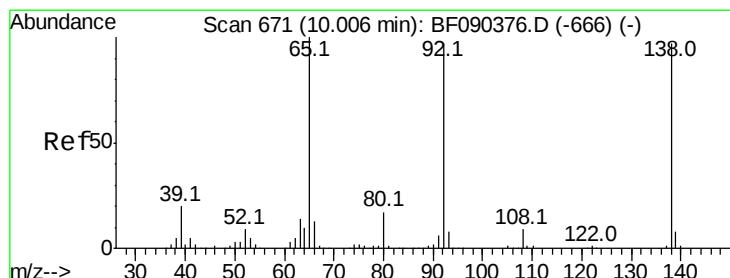
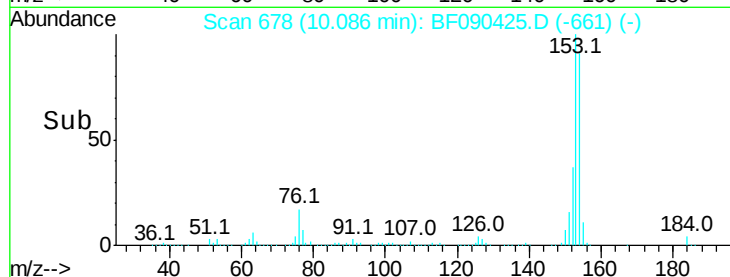
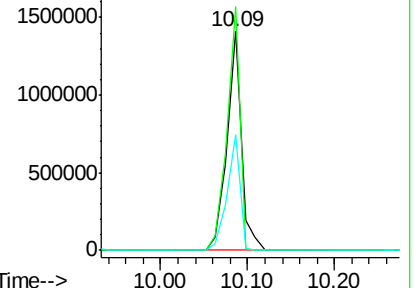
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 32.02 ng

RT: 9.99 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF090425.D

Acq: 6 Oct 2016 18:31

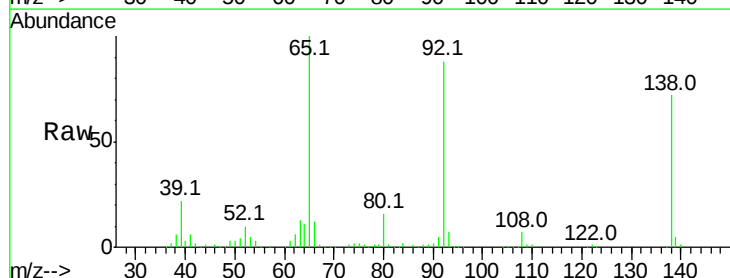
Tgt Ion:138 Resp: 258653

Ion Ratio Lower Upper

138 100

108 10.0 9.7 14.5

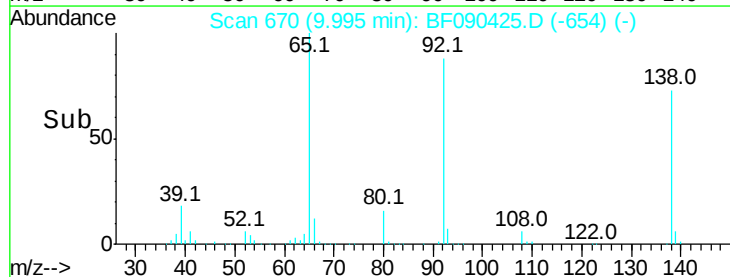
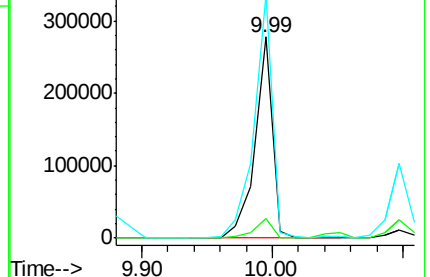
92 121.1 97.1 145.7

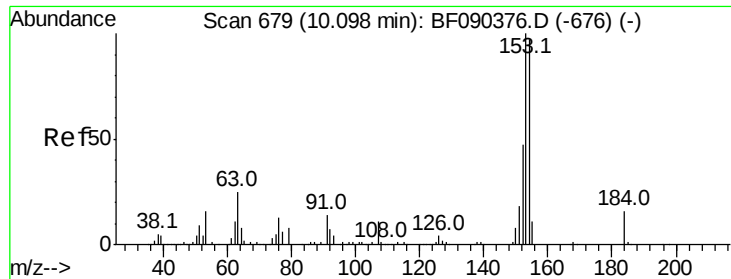


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





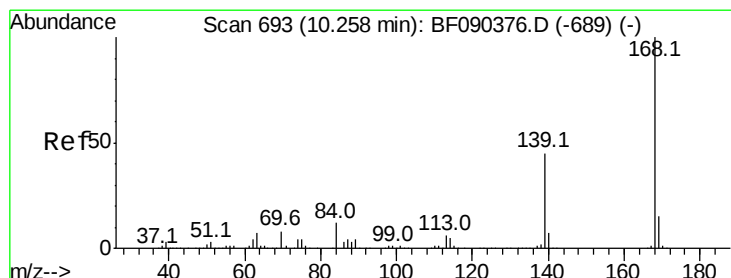
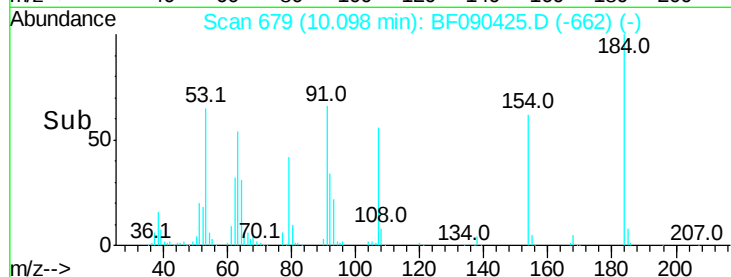
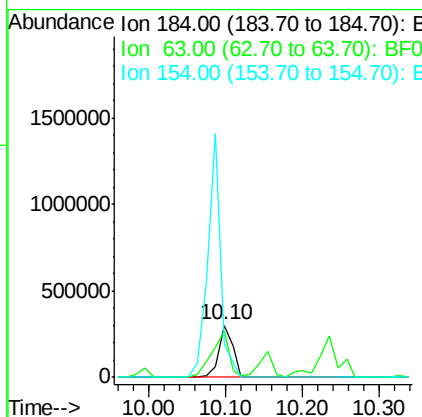
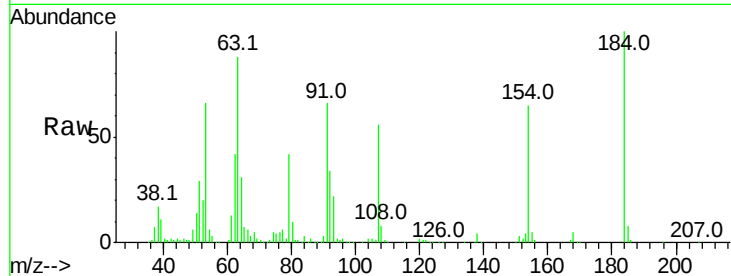
#53
2,4-Dinitrophenol
Concen: 125.88 ng
RT: 10.10 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF090425.D
Acq: 6 Oct 2016 18:31

Instrument :
BNA_F
ClientSampleId :
PB93820BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	88.5	41.9	62.9#	
154	64.6	48.9	73.3	

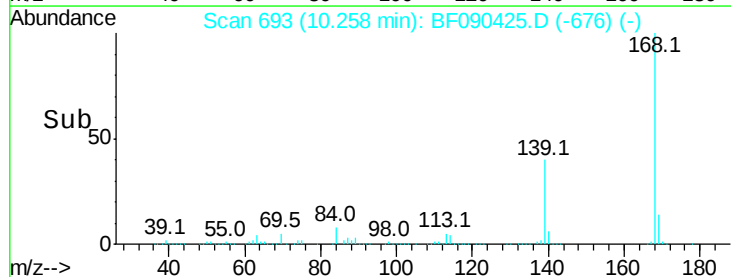
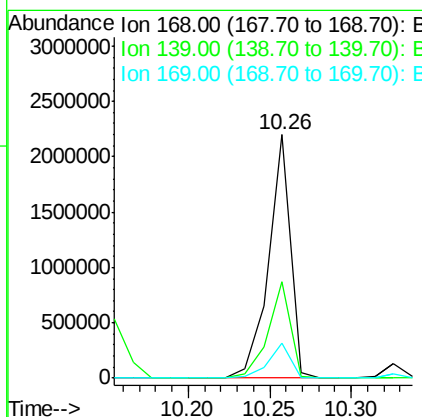
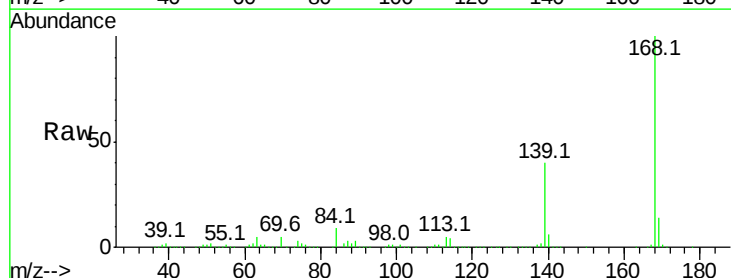
Manual Integrations
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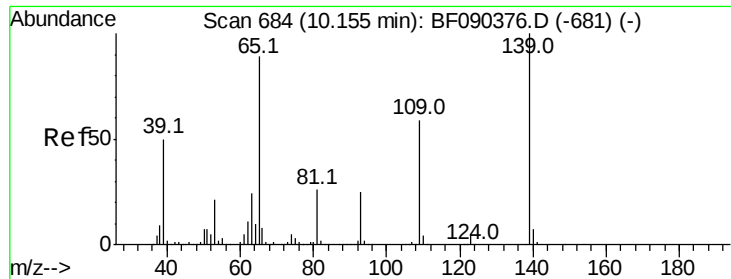
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#54
Dibenzofuran
Concen: 57.86 ng
RT: 10.26 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF090425.D
Acq: 6 Oct 2016 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	39.9	29.6	44.4	
169	14.3	11.3	16.9	





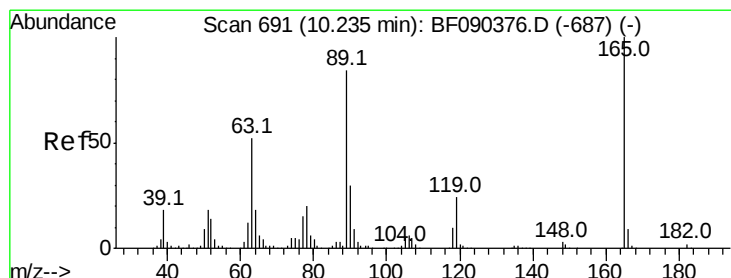
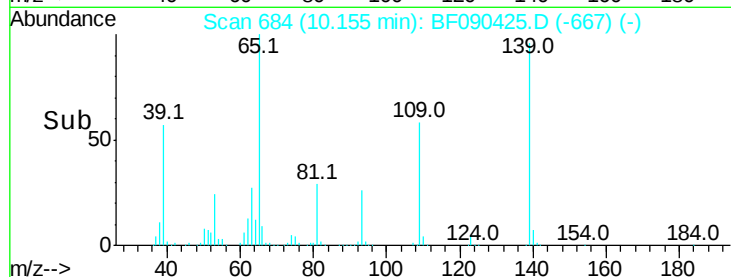
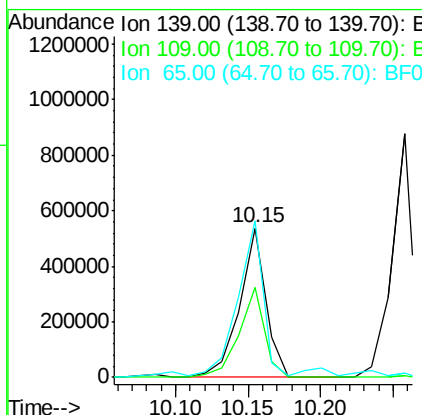
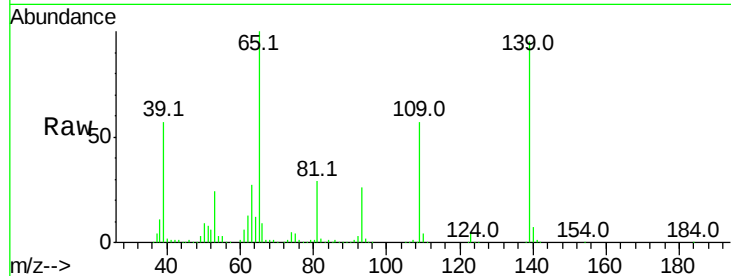
#55
4-Nitrophenol
Concen: 95.04 ng
RT: 10.15 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF090425.D
Acq: 6 Oct 2016 18:31

Instrument :
BNA_F
ClientSampleId :
PB93820BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	60.1	43.6	83.6
65	105.3	87.5	127.5

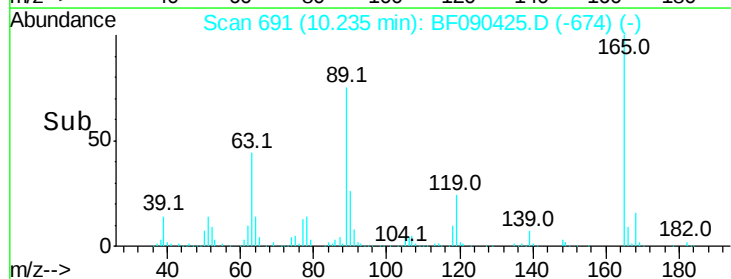
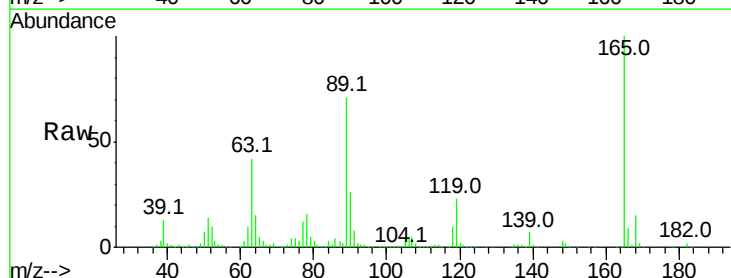
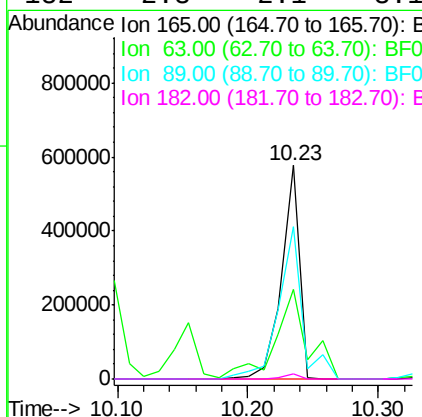
Manual Integrations
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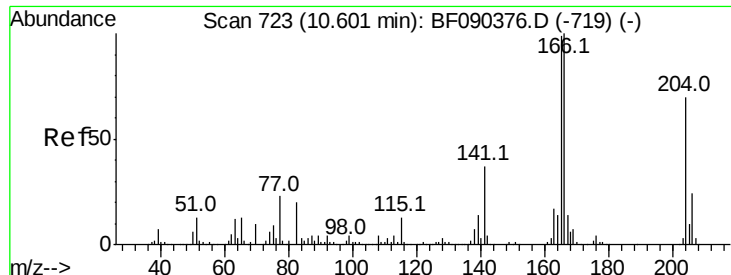
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10/7/2016 7:02:48 PM



#56
2,4-Dinitrotoluene
Concen: 60.55 ng
RT: 10.23 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF090425.D
Acq: 6 Oct 2016 18:31

Tgt Ion	Ratio	Lower	Upper
165	100		
63	41.9	17.8	26.6#
89	71.2	33.2	49.8#
182	2.3	2.1	3.1





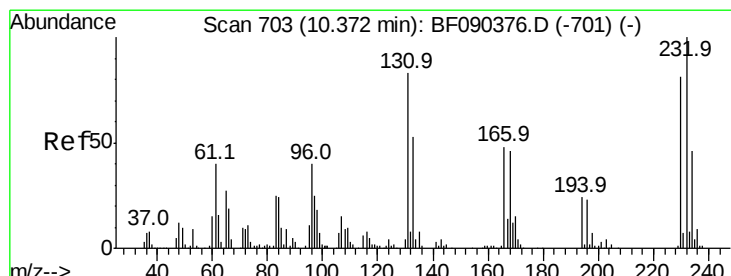
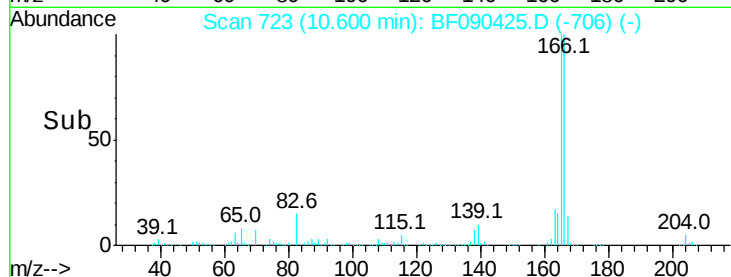
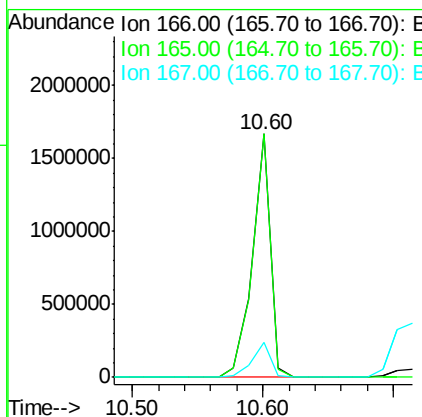
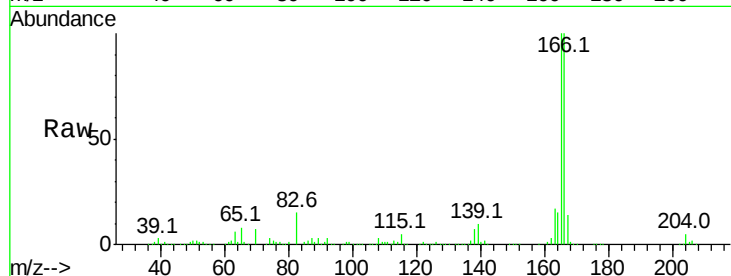
#57
Fluorene
 Concen: 53.61 ng
 RT: 10.60 min Scan# 723
 Delta R.T. -0.00 min
 Lab File: BF090425.D
 Acq: 6 Oct 2016 18:31

Instrument :
 BNA_F
 ClientSampleId :
 PB93820BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.0	79.2	118.8
167	14.1	11.1	16.7

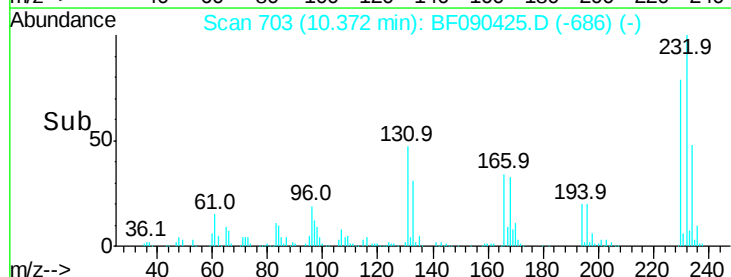
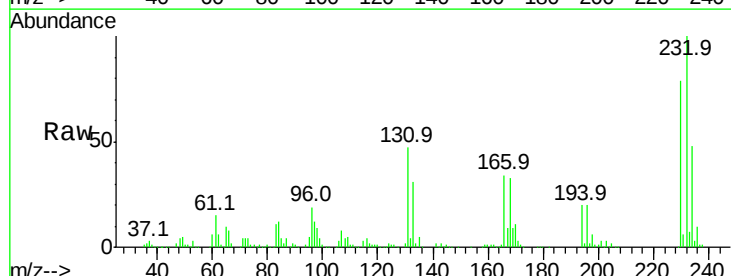
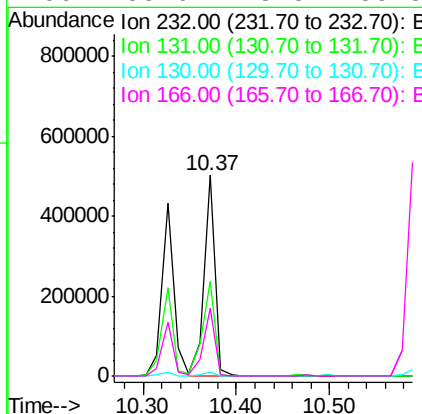
Manual Integrations
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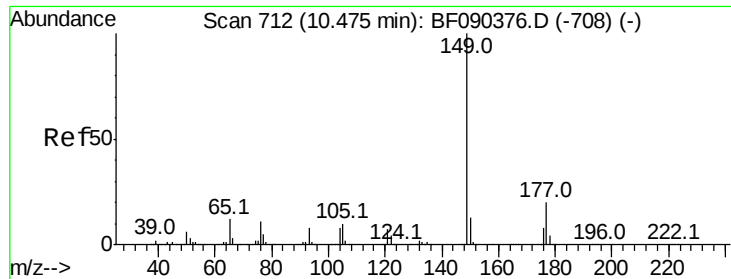
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 67.16 ng
 RT: 10.37 min Scan# 703
 Delta R.T. -0.00 min
 Lab File: BF090425.D
 Acq: 6 Oct 2016 18:31

Tgt Ion	Ratio	Lower	Upper
232	100		
131	52.6	34.5	51.7#
130	2.3	1.6	2.4
166	35.6	23.8	35.8





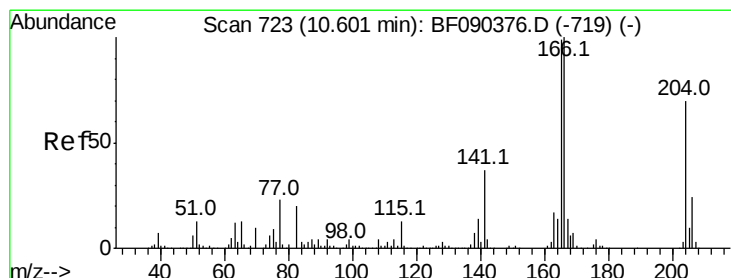
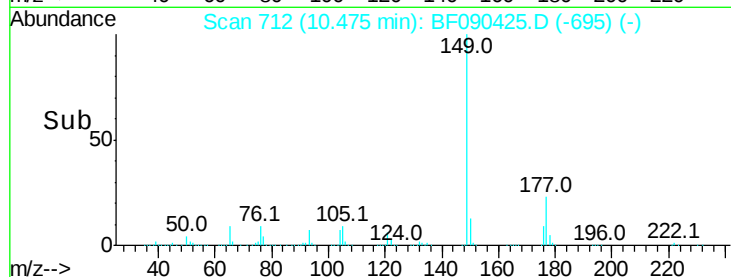
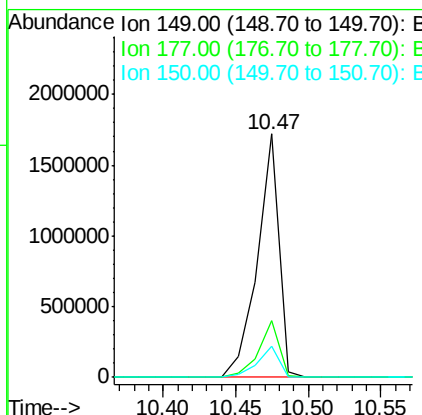
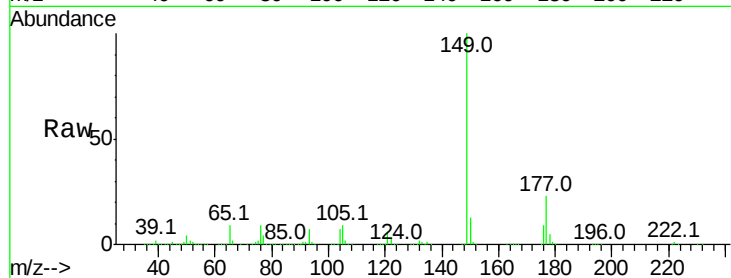
#59
Diethylphthalate
Concen: 55.11 ng
RT: 10.47 min Scan# 712
Delta R.T. -0.00 min
Lab File: BF090425.D
Acq: 6 Oct 2016 18:31

Instrument :
BNA_F
ClientSampleId :
PB93820BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.2	21.1	31.7
150	12.8	10.2	15.2

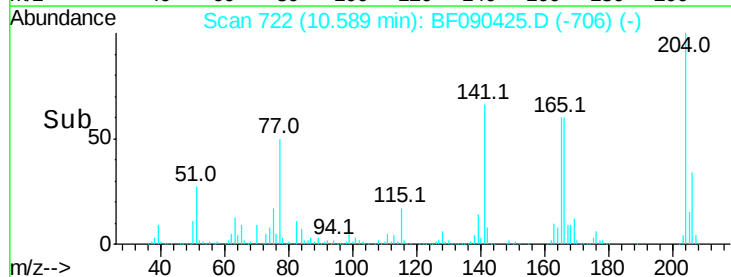
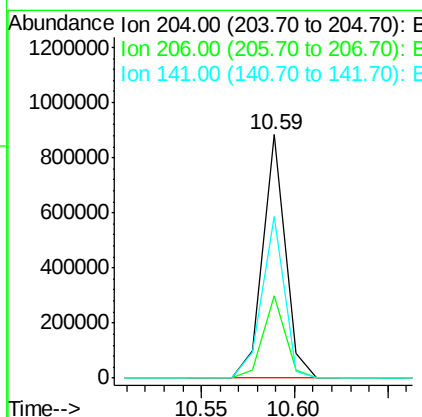
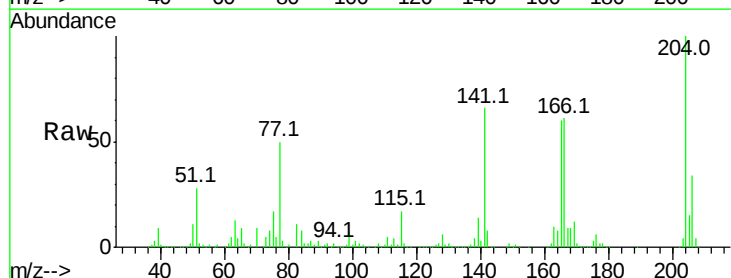
Manual Integrations
APPROVED

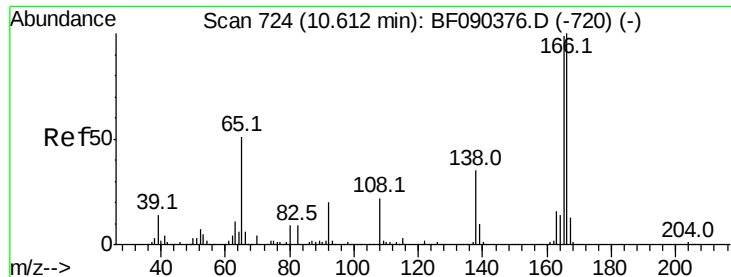
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#60
4-Chlorophenyl-phenylether
Concen: 54.48 ng
RT: 10.59 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF090425.D
Acq: 6 Oct 2016 18:31

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.7	26.7	40.1
141	66.5	51.7	77.5





#61

4-Nitroaniline

Concen: 49.40 ng

RT: 10.61 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF090425.D

Acq: 6 Oct 2016 18:31

Instrument :

BNA_F

ClientSampled :

PB93820BS

Tot Ion:138 Resp: 402018

Ion Ratio Lower Upper

138 100

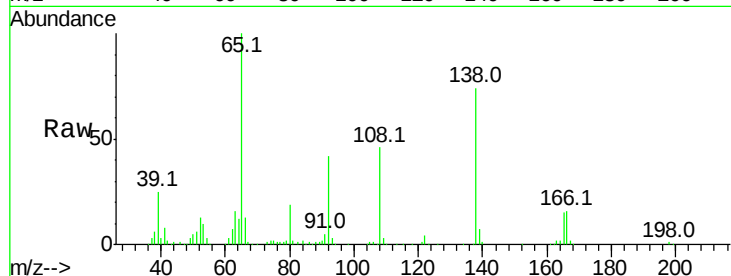
92 56.9 33.2 73.2

108 63.0 48.5 88.5

Manual Integrations
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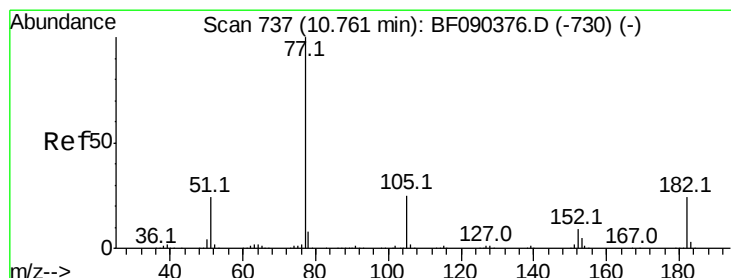
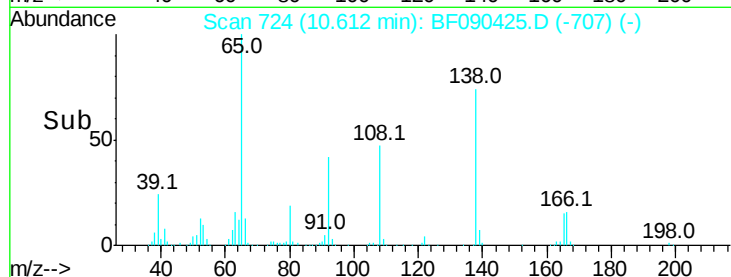
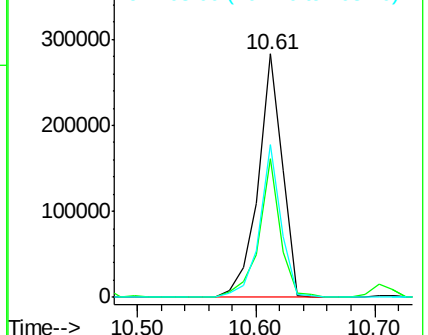
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 53.85 ng

RT: 10.75 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF090425.D

Acq: 6 Oct 2016 18:31

Tgt Ion: 77 Resp: 2004190

Ion Ratio Lower Upper

77 100

182 18.5 3.2 43.2

105 23.5 2.9 42.9

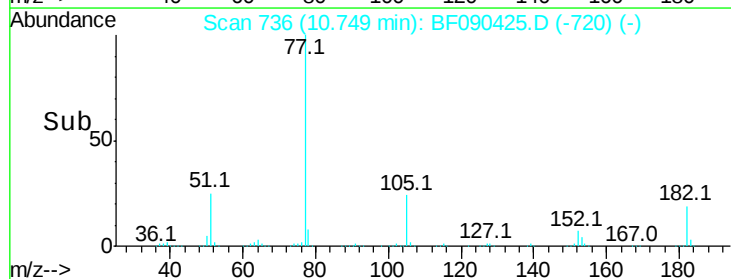
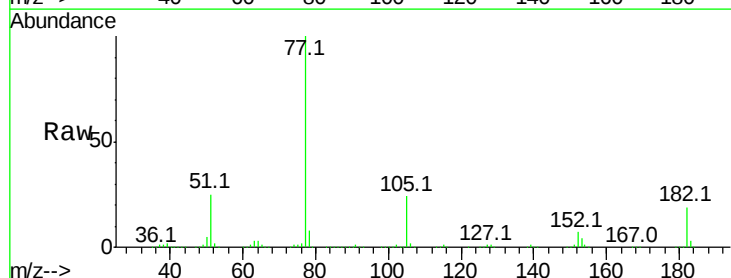
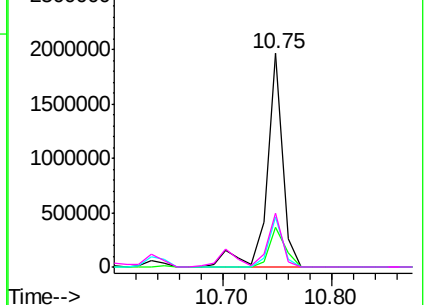
51 25.5 14.2 54.2

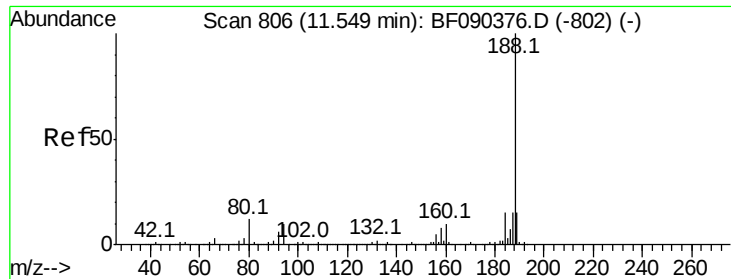
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.54 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF090425.D

Acq: 6 Oct 2016 18:31

Instrument :

BNA_F

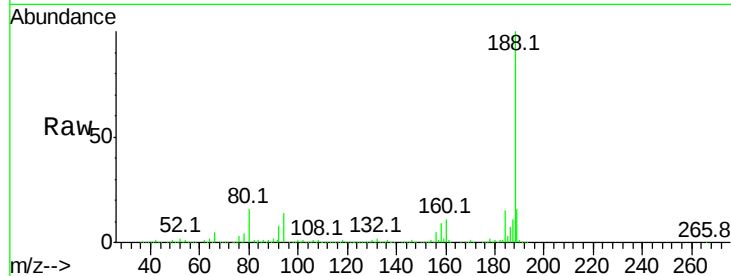
ClientSampled :

PB93820BS

Tot Ion:	188	Resp:	812479
Ion Ratio	Lower	Upper	
188	100		
94	13.5	8.2	12.2#
80	16.0	8.8	13.2#

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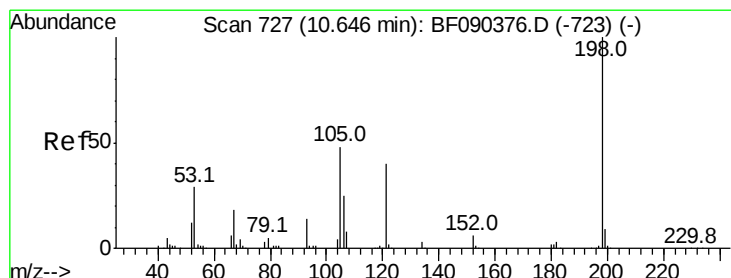
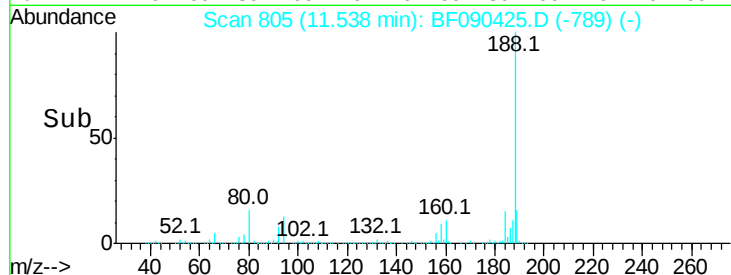
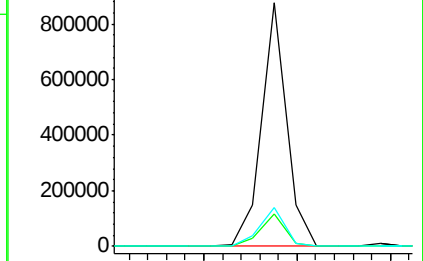
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 48.81 ng

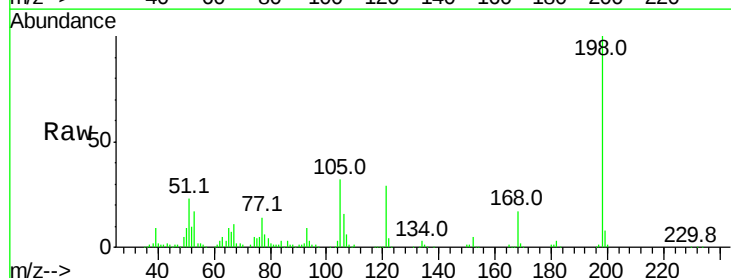
RT: 10.65 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF090425.D

Acq: 6 Oct 2016 18:31

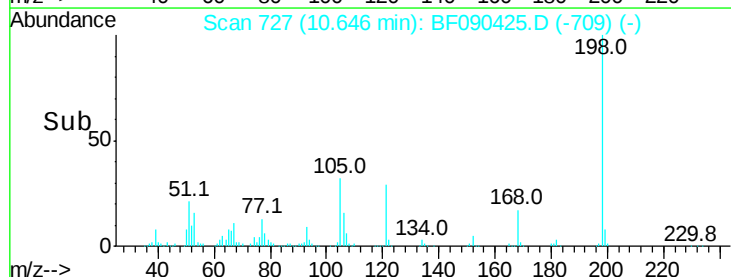
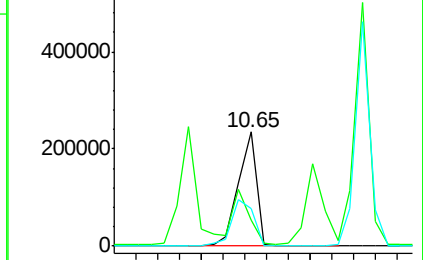
Tgt Ion:	198	Resp:	268266
Ion Ratio	Lower	Upper	
198	100		
51	22.9	67.3	107.3#
105	32.5	42.6	82.6#

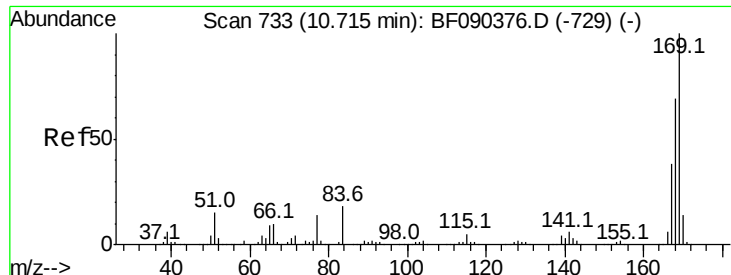


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 50.99 ng

RT: 10.71 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF090425.D

Acq: 6 Oct 2016 18:31

Instrument :

BNA_F

ClientSampleId :

PB93820BS

Tot Ion:169 Resp: 1388364

Ion Ratio Lower Upper

169 100

168 68.6 53.8 80.6

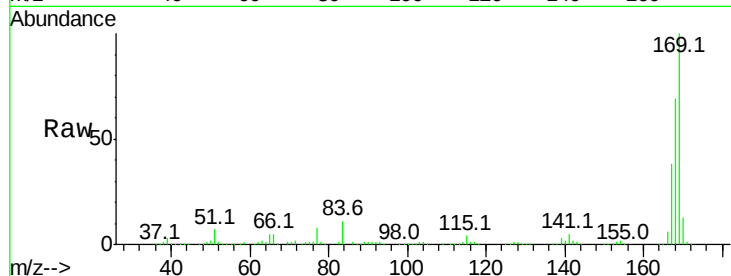
167 37.8 29.8 44.8

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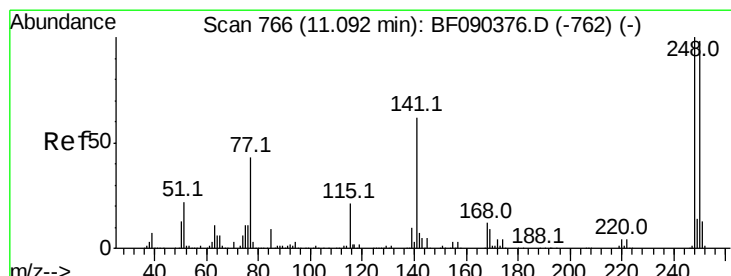
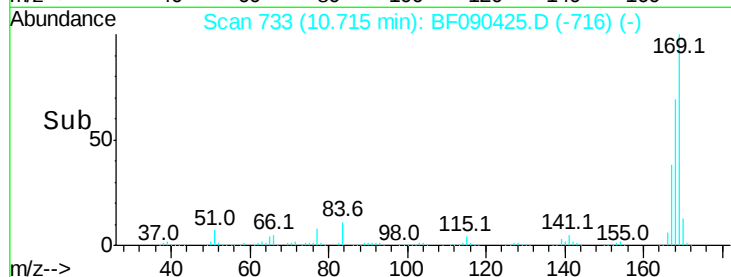
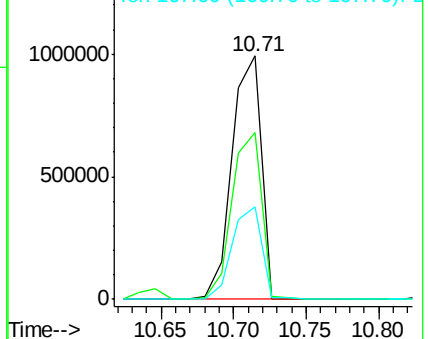
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 55.30 ng

RT: 11.08 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF090425.D

Acq: 6 Oct 2016 18:31

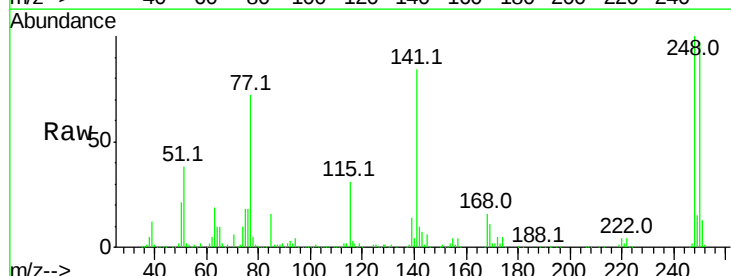
Tgt Ion:248 Resp: 440451

Ion Ratio Lower Upper

248 100

250 97.1 76.5 114.7

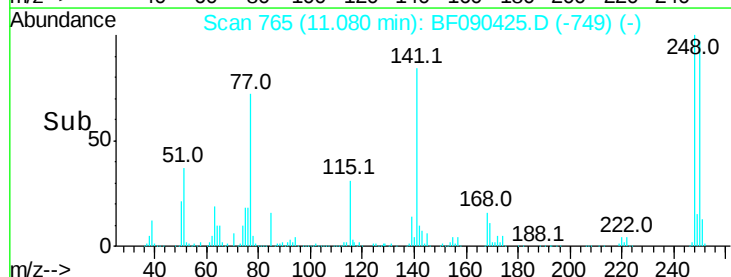
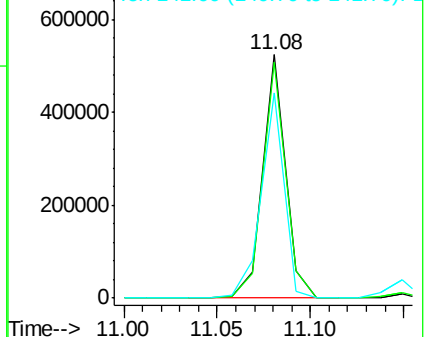
141 84.3 59.8 89.6

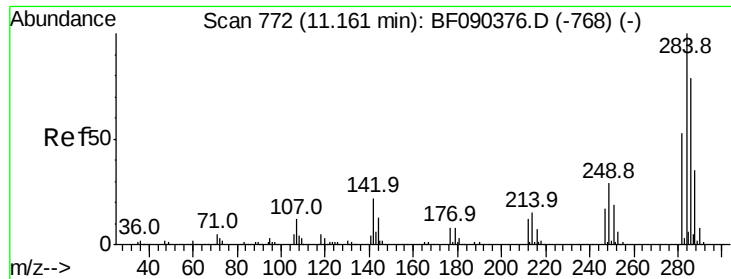


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 52.23 ng

RT: 11.15 min Scan# 771

Delta R.T. -0.01 min

Lab File: BF090425.D

Acq: 6 Oct 2016 18:31

Instrument :

BNA_F

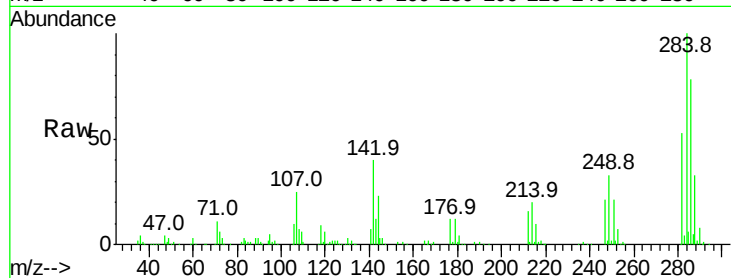
ClientSampleId :

PB93820BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	39.8	23.1	34.7#	
249	33.4	26.3	39.5	

Manual Integrations
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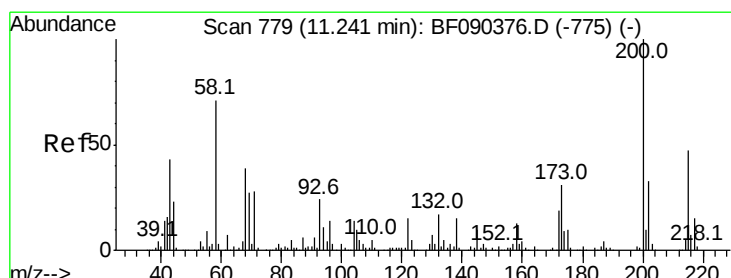
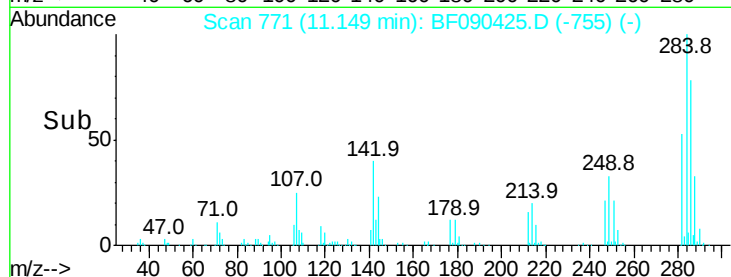
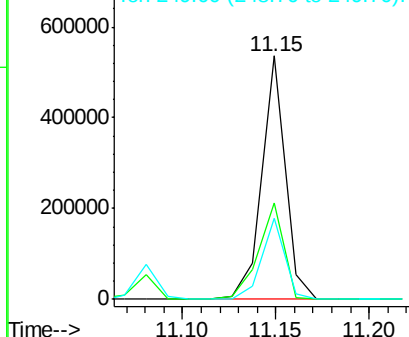
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 70.07 ng

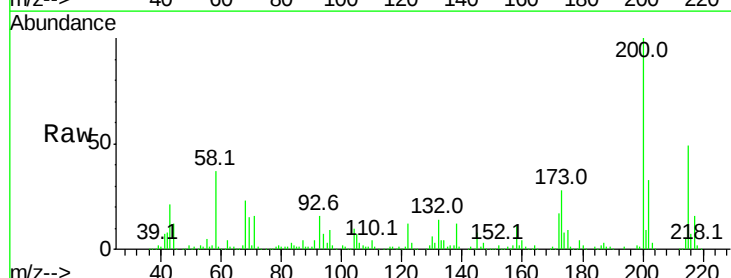
RT: 11.24 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF090425.D

Acq: 6 Oct 2016 18:31

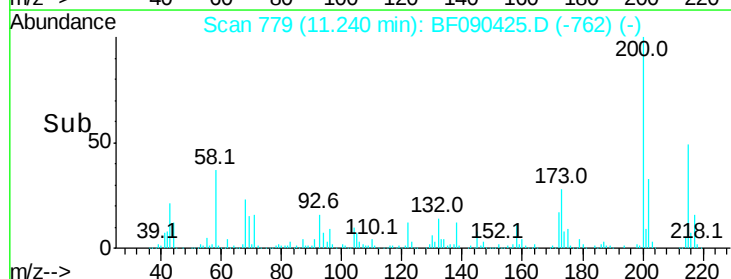
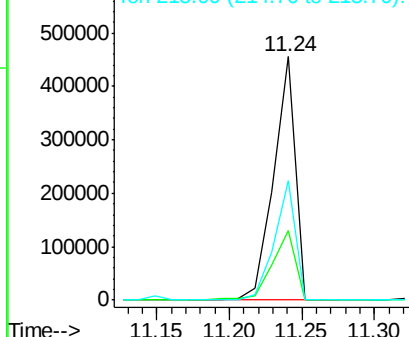
Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	28.3	9.0	49.0	
215	49.1	24.8	64.8	

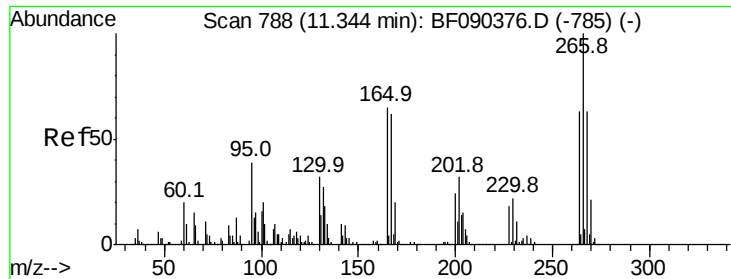


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





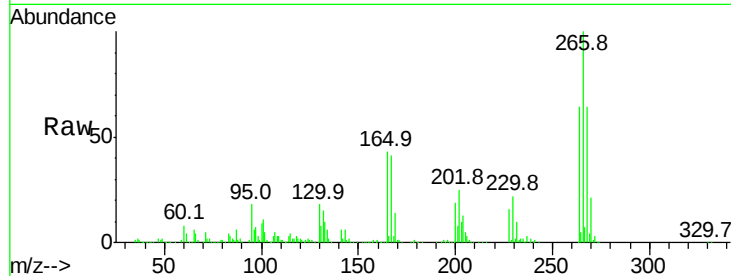
#69
 Pentachlorophenol
 Concen: 121.47 ng
 RT: 11.34 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF090425.D
 Acq: 6 Oct 2016 18:31

Instrument :
 BNA_F
 ClientSampleId :
 PB93820BS

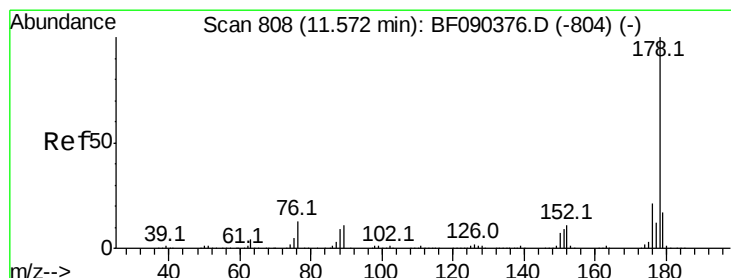
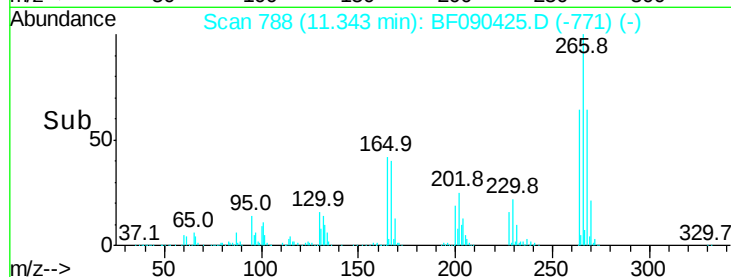
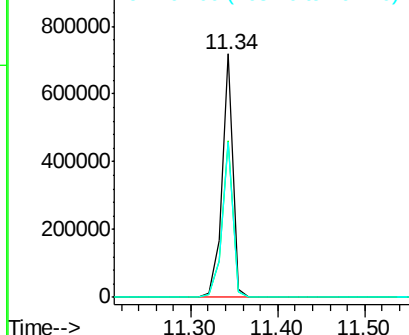
Tot Ion	Ratio	Resp	Lower	Upper
266	100	641322		
268	64.5	50.9	76.3	
264	63.9	51.5	77.3	

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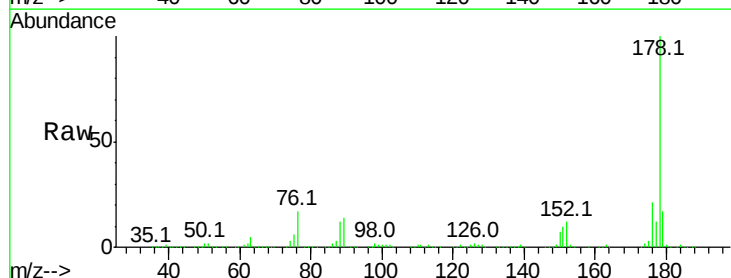


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

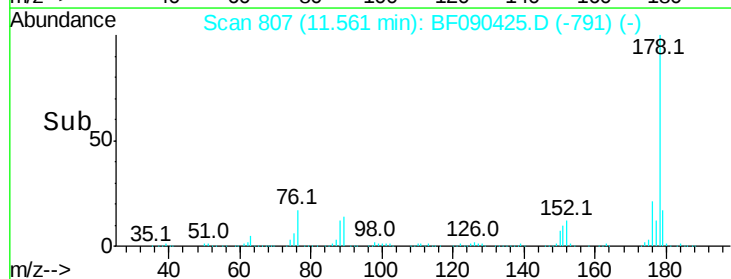
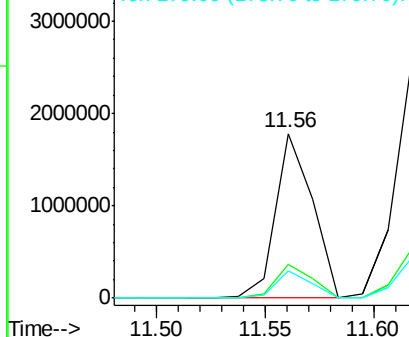


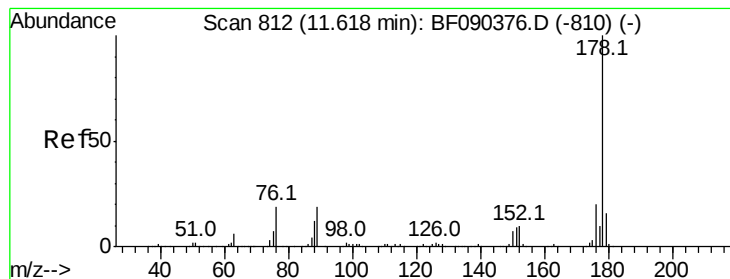
#70
 Phenanthrene
 Concen: 50.95 ng
 RT: 11.56 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF090425.D
 Acq: 6 Oct 2016 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2119826		
176	20.6	17.3	25.9	
179	16.8	13.8	20.6	



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





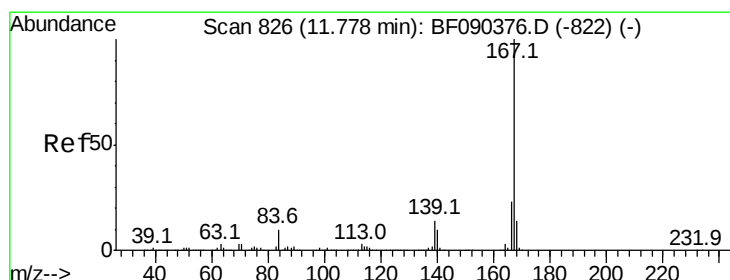
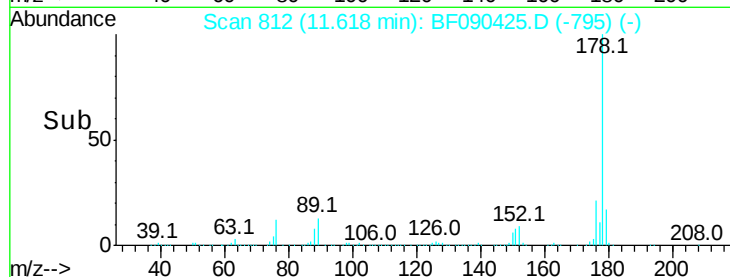
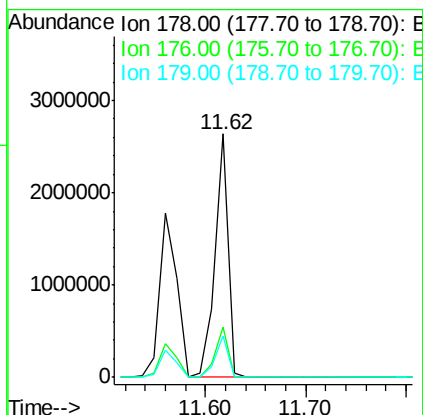
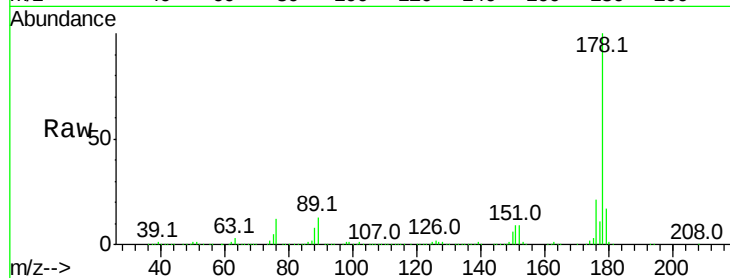
#71
 Anthracene
 Concen: 56.29 ng
 RT: 11.62 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF090425.D
 Acq: 6 Oct 2016 18:31

Instrument :
 BNA_F
 ClientSampleId :
 PB93820BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.8	16.8	25.2
179	17.2	13.4	20.2

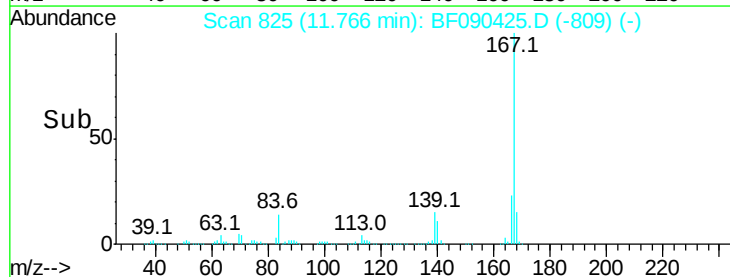
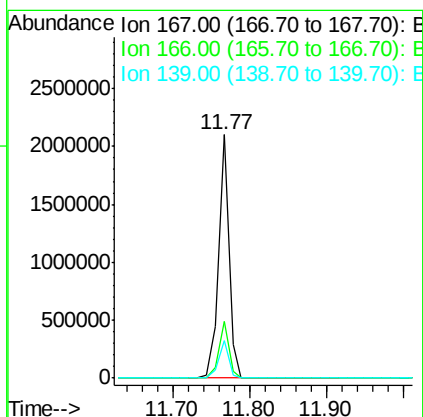
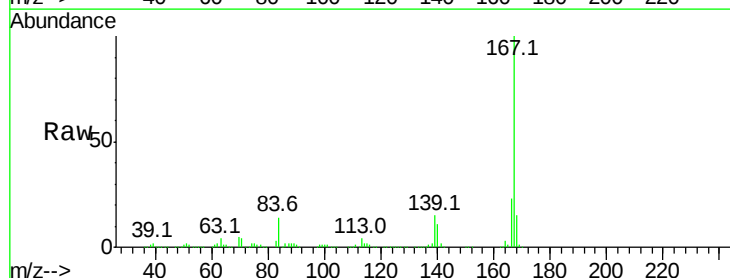
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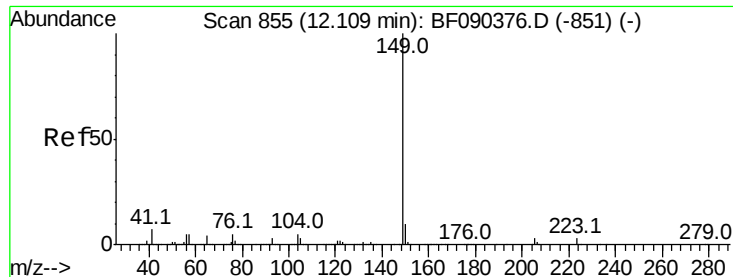
sohil
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#72
 Carbazole
 Concen: 50.04 ng
 RT: 11.77 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF090425.D
 Acq: 6 Oct 2016 18:31

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.4	19.1	28.7
139	15.3	12.1	18.1





#73

Di-n-butylphthalate

Concen: 49.38 ng

RT: 12.10 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF090425.D

Acq: 6 Oct 2016 18:31

Instrument :

BNA_F

ClientSampleId :

PB93820BS

Tot Ion:149 Resp: 2371931

Ion Ratio Lower Upper

149 100

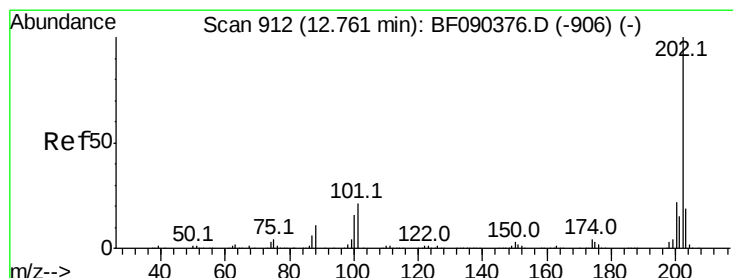
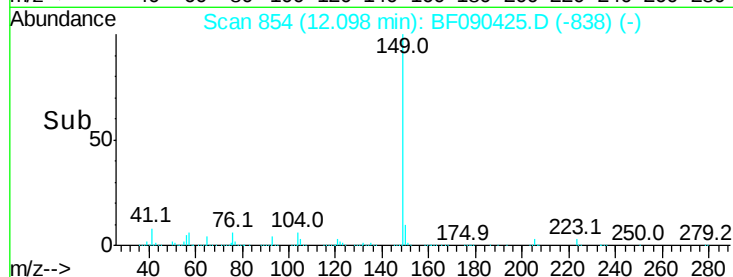
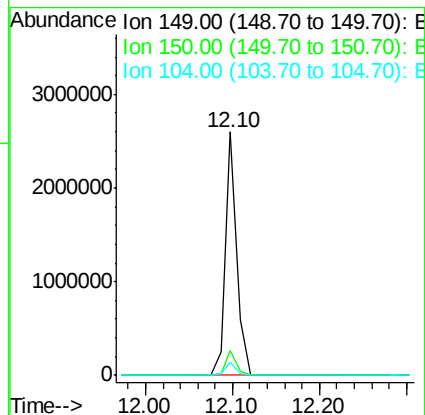
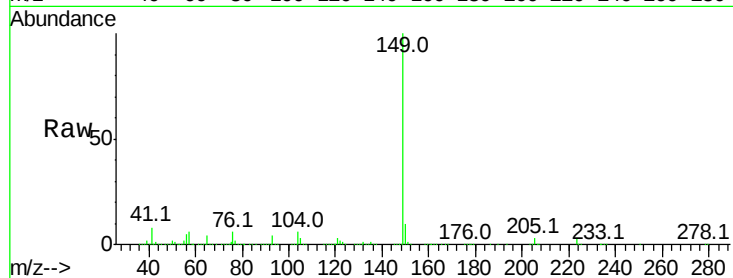
150 10.4 8.6 12.8

104 5.7 4.7 7.1

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#74

Fluoranthene

Concen: 60.56 ng

RT: 12.76 min Scan# 912

Delta R.T. -0.00 min

Lab File: BF090425.D

Acq: 6 Oct 2016 18:31

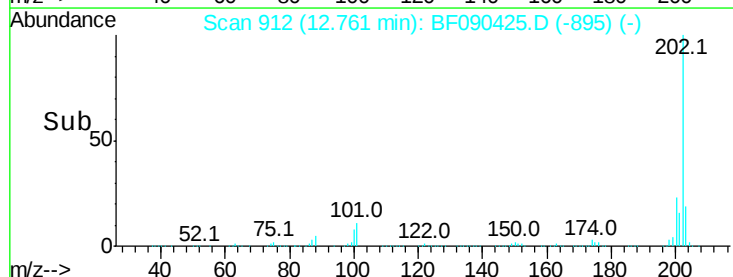
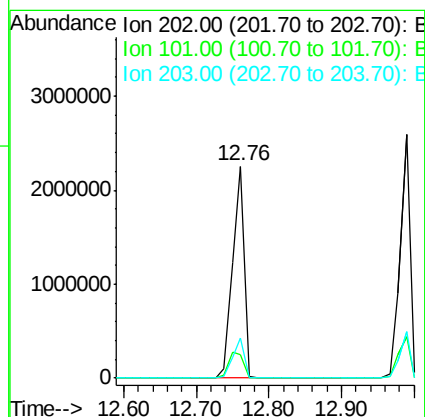
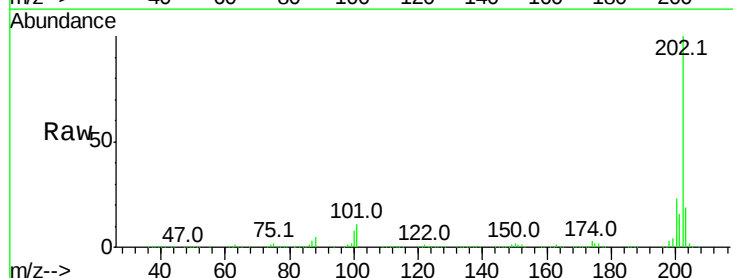
Tgt Ion:202 Resp: 2471282

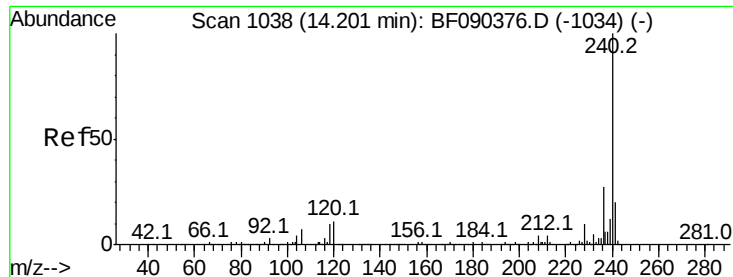
Ion Ratio Lower Upper

202 100

101 11.3 0.0 37.2

203 18.8 0.0 39.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF090425.D

Acq: 6 Oct 2016 18:31

Instrument :

BNA_F

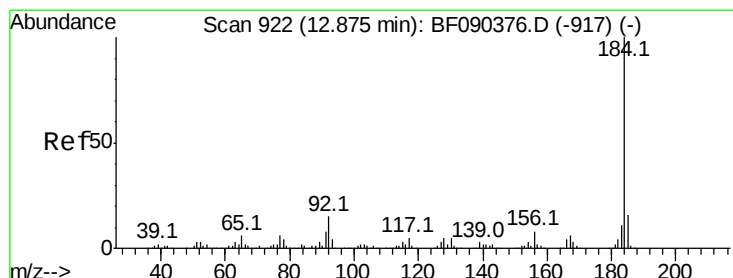
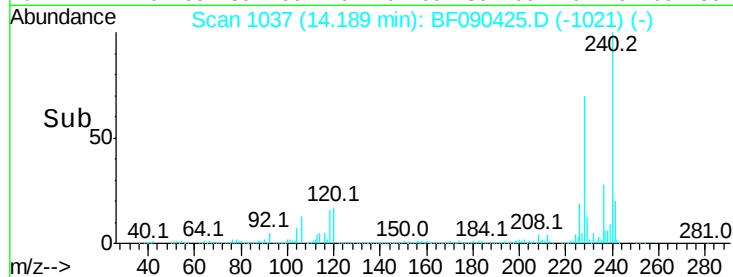
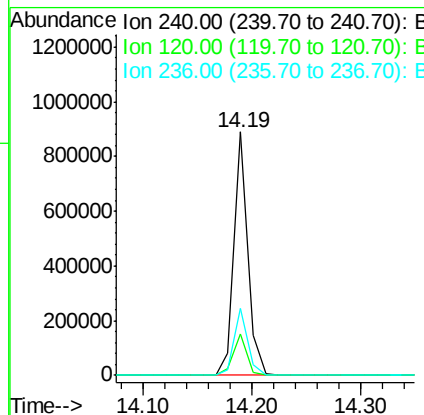
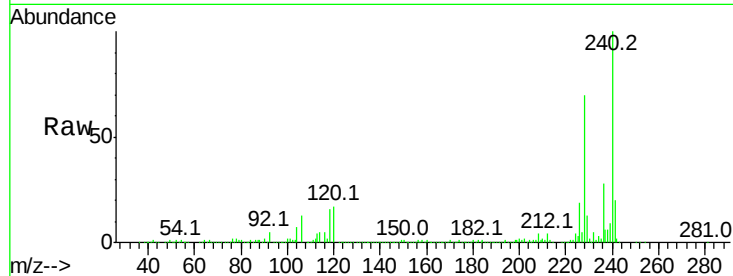
ClientSampleId :

PB93820BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	17.2	8.6	13.0	
236	27.5	21.6	32.4	

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#76

Benzidine

Concen: 48.99 ng

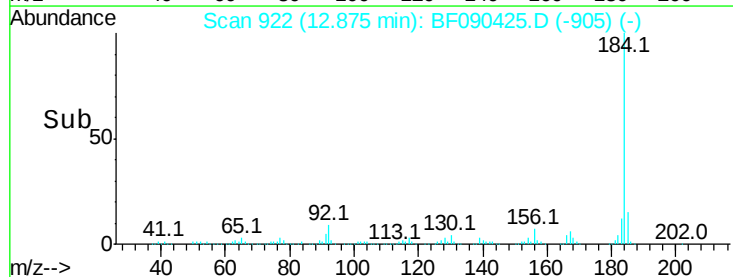
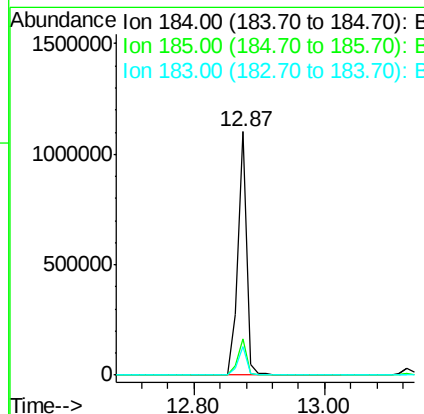
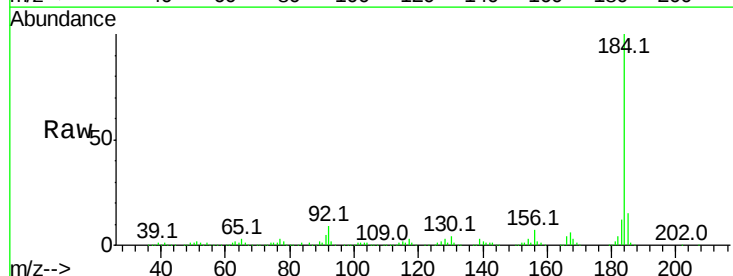
RT: 12.87 min Scan# 922

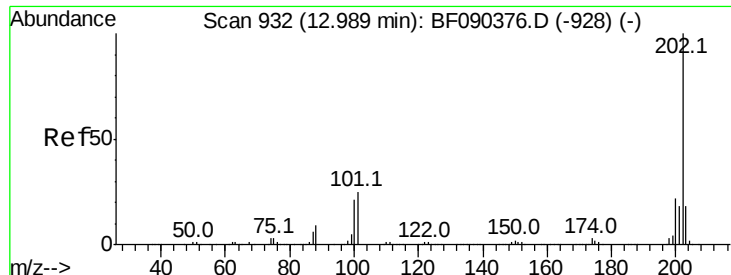
Delta R.T. -0.00 min

Lab File: BF090425.D

Acq: 6 Oct 2016 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	15.0	11.8	17.8	
183	11.9	9.6	14.4	





#77

Pvrene

Concen: 47.85 ng

RT: 12.99 min Scan# 932

Delta R.T. -0.00 min

Lab File: BF090425.D

Acq: 6 Oct 2016 18:31

Instrument :

BNA_F

ClientSampleId :

PB93820BS

Tot Ion:202 Resp: 2475009

Ion Ratio Lower Upper

202 100

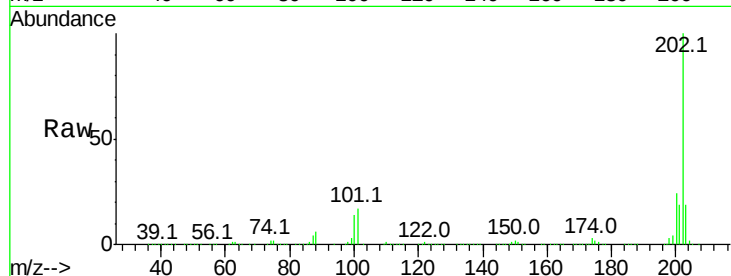
200 23.7 18.5 27.7

203 19.2 15.0 22.6

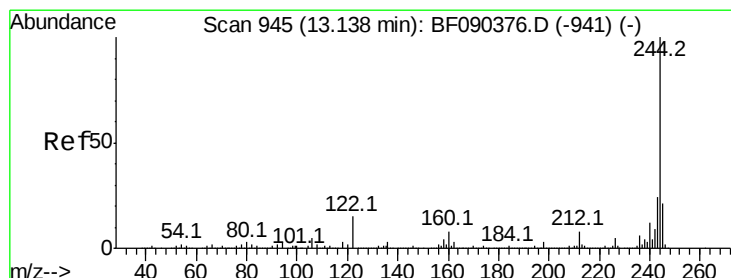
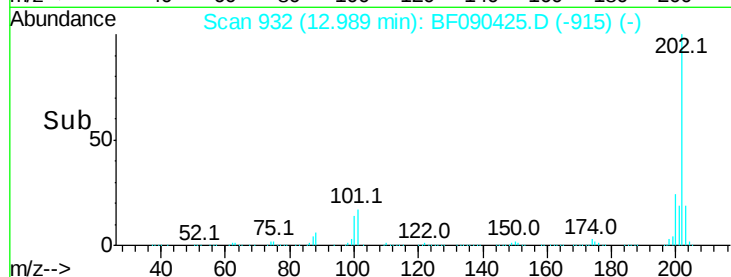
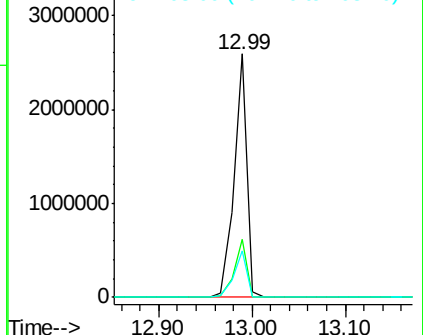
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 89.11 ng

RT: 13.13 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF090425.D

Acq: 6 Oct 2016 18:31

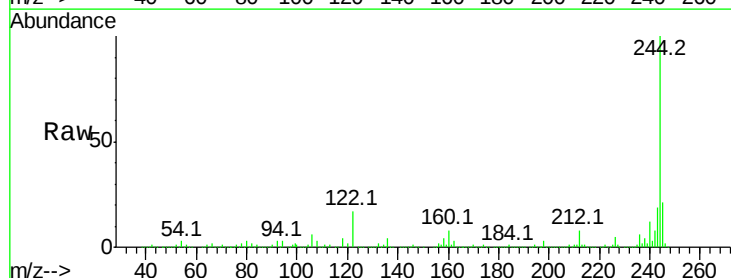
Tgt Ion:244 Resp: 3074755

Ion Ratio Lower Upper

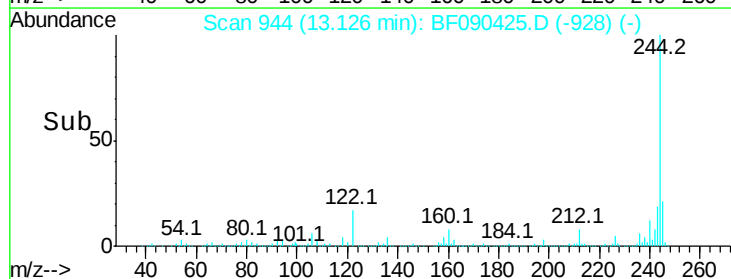
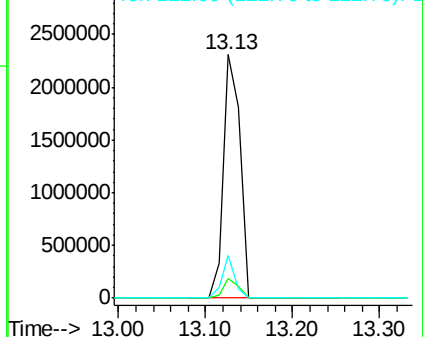
244 100

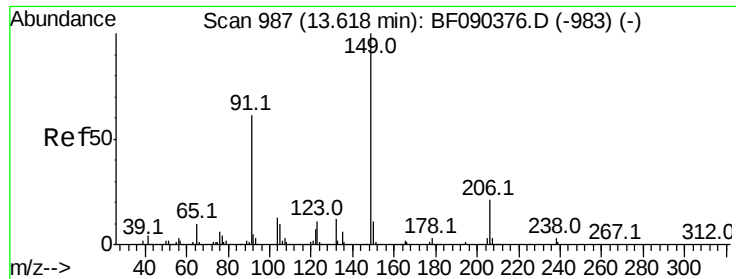
212 7.9 6.8 10.2

122 17.3 13.3 19.9



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





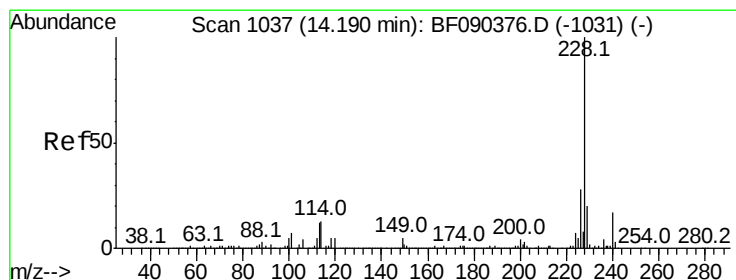
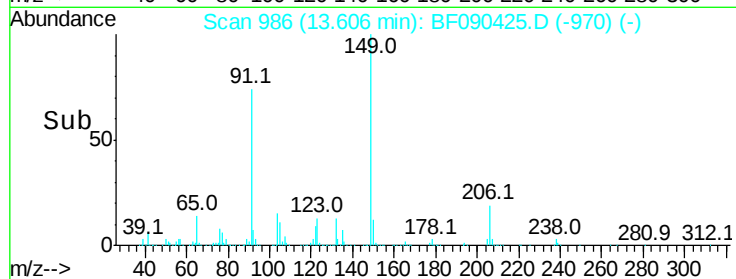
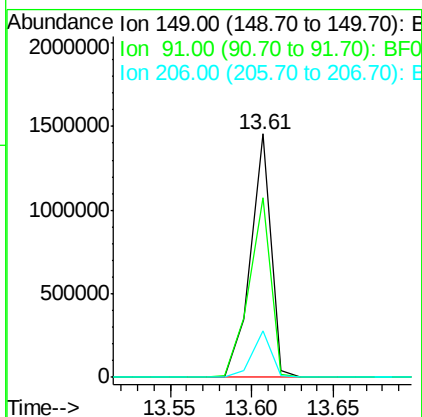
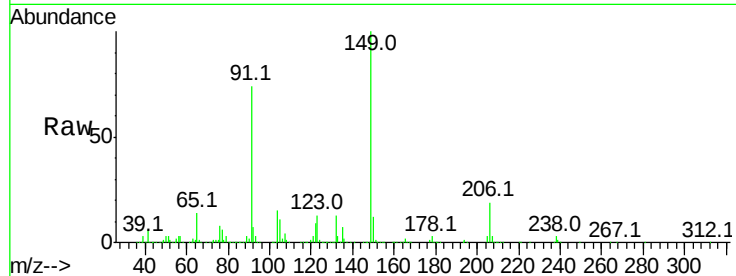
#79
Butylbenzylphthalate
Concen: 47.87 ng
RT: 13.61 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF090425.D
Acq: 6 Oct 2016 18:31

Instrument :
BNA_F
ClientSampleId :
PB93820BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	74.0	51.8	77.8
206	19.0	18.0	27.0

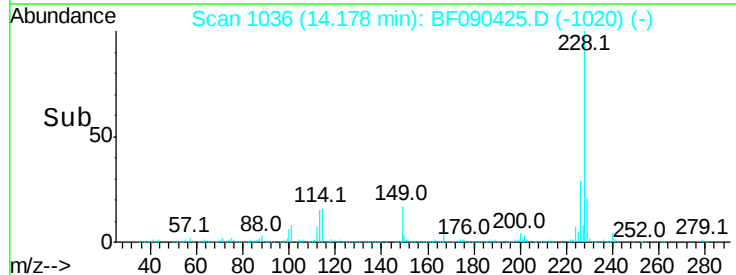
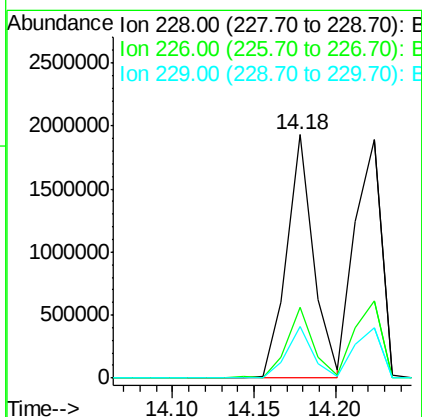
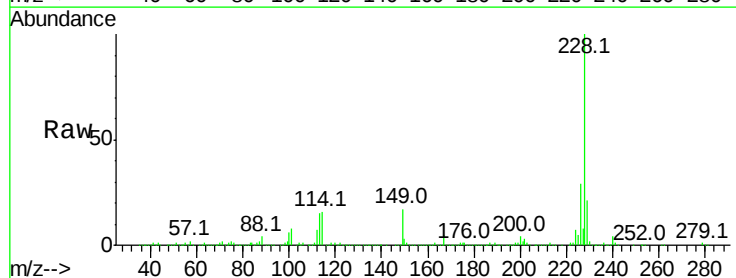
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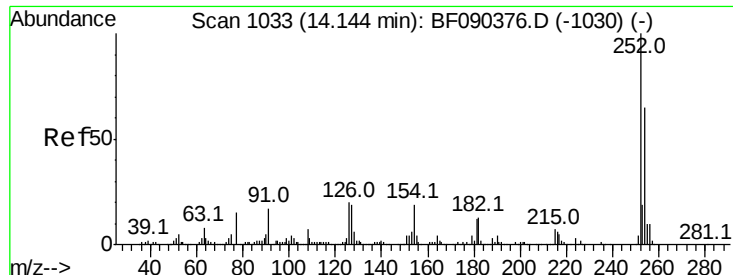
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#80
Benzo(a)anthracene
Concen: 51.15 ng
RT: 14.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF090425.D
Acq: 6 Oct 2016 18:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.6	35.4
229	21.2	16.6	25.0





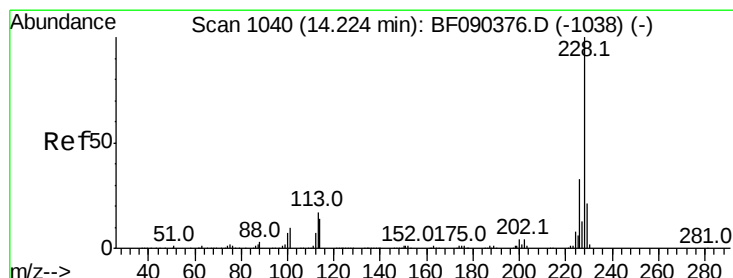
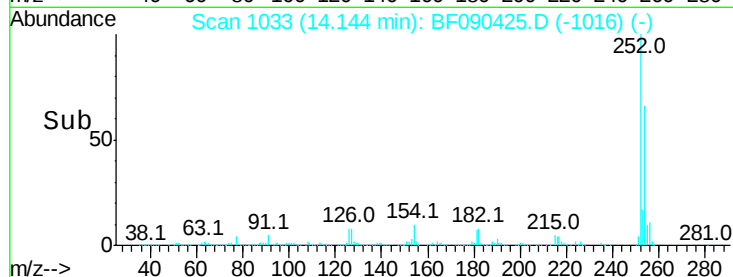
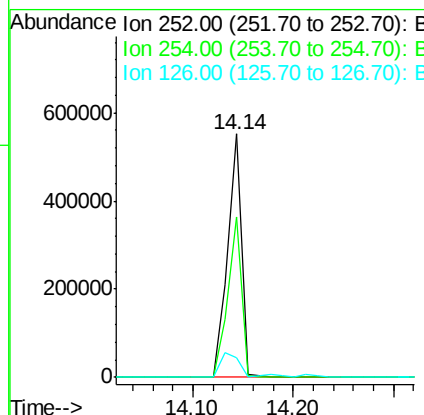
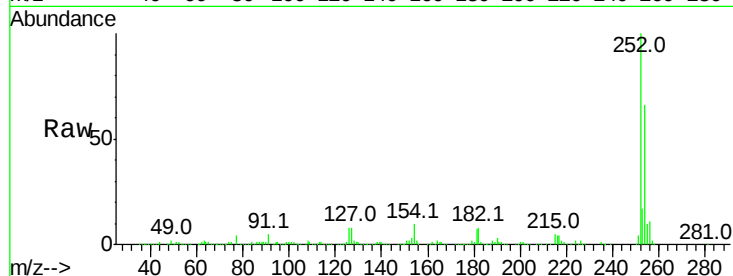
#81
 3,3'-Dichlorobenzidine
 Concen: 33.82 ng
 RT: 14.14 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BF090425.D
 Acq: 6 Oct 2016 18:31

Instrument :
 BNA_F
 ClientSampleId :
 PB93820BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.7	52.1	78.1
126	8.1	4.2	6.4

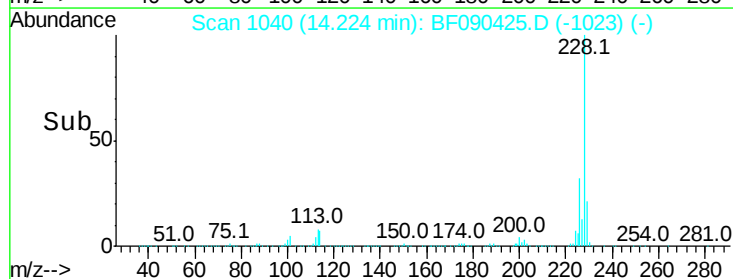
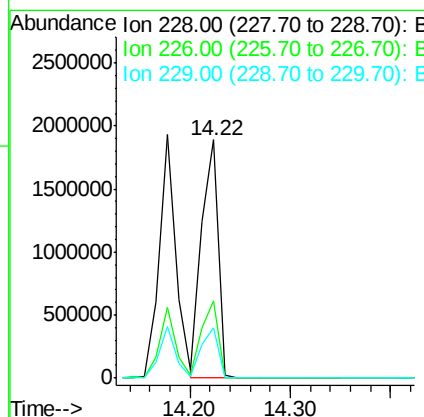
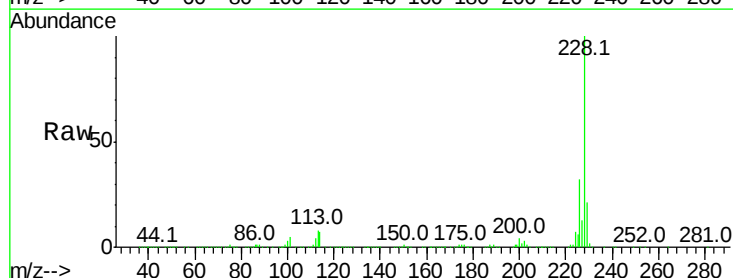
Manual Integrations
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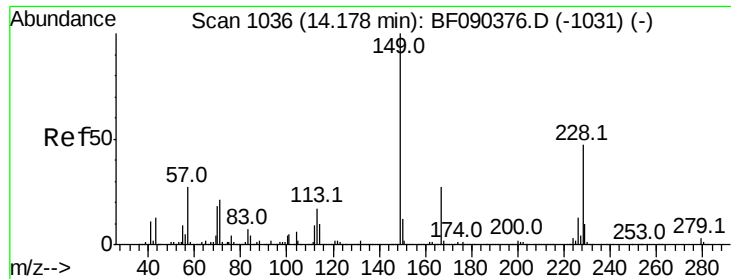
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#82
 Chrysene
 Concen: 54.41 ng
 RT: 14.22 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BF090425.D
 Acq: 6 Oct 2016 18:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.3	25.8	38.6
229	20.9	16.9	25.3





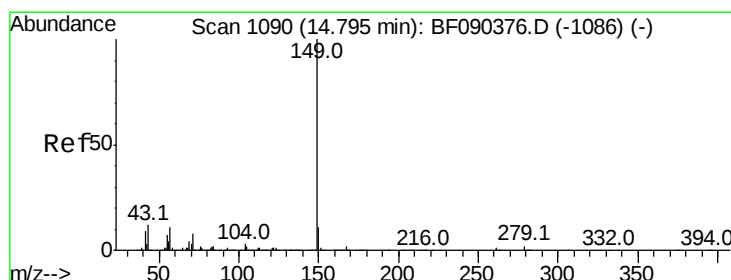
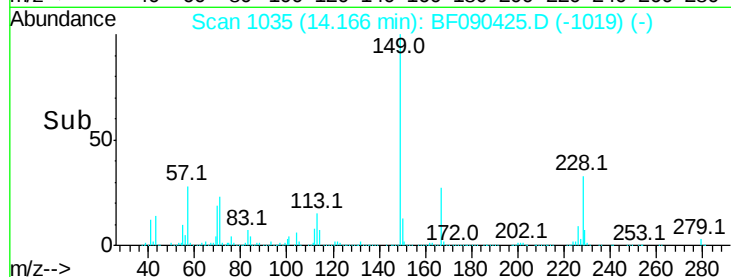
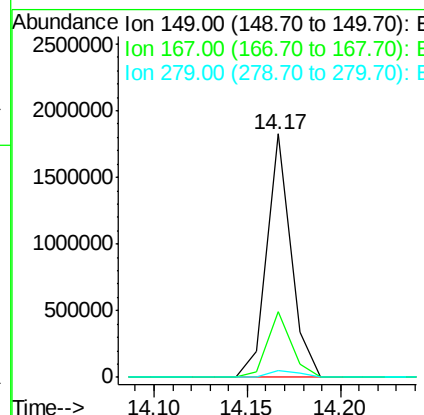
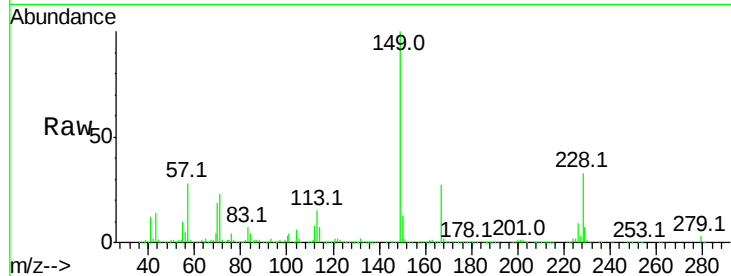
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.07 ng
 RT: 14.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BF090425.D
 Acq: 6 Oct 2016 18:31

Instrument :
 BNA_F
 ClientSampleId :
 PB93820BS

Tot Ion:149 Resp: 1624699
 Ion Ratio Lower Upper
 149 100
 167 27.2 21.5 32.3
 279 2.6 2.6 3.8

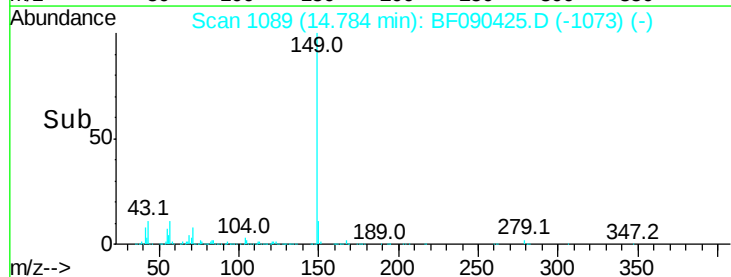
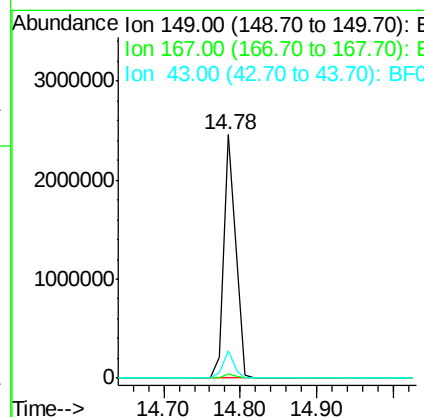
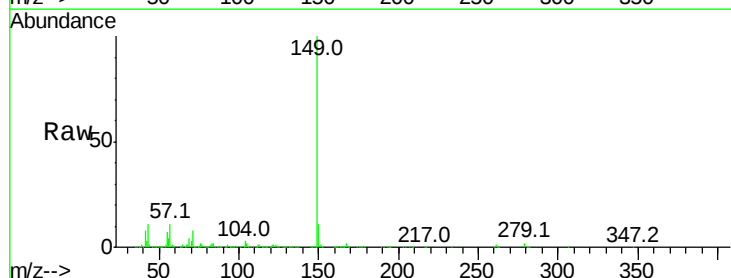
Manual Integrations
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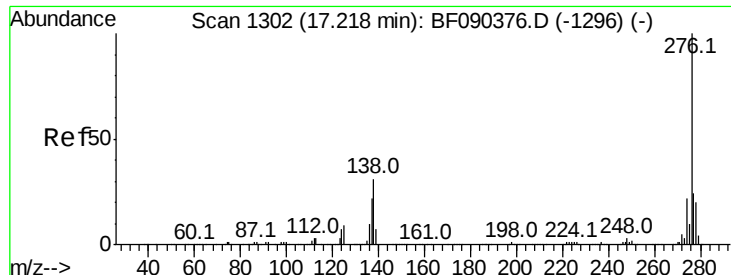
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#84
 Di-n-octyl phthalate
 Concen: 47.39 ng
 RT: 14.78 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: BF090425.D
 Acq: 6 Oct 2016 18:31

Tgt Ion:149 Resp: 2650486
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 10.2 11.8 17.8#





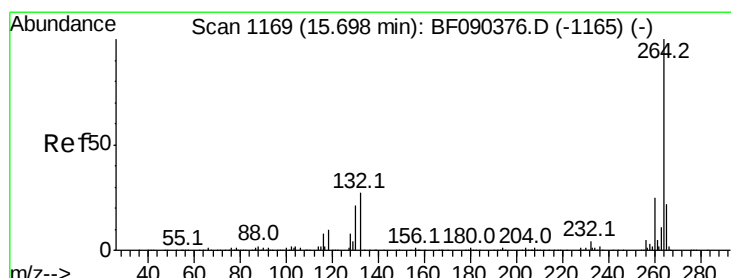
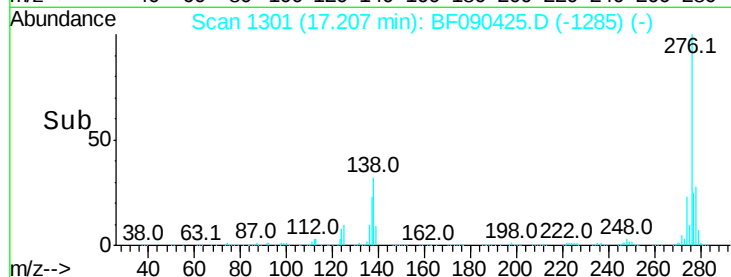
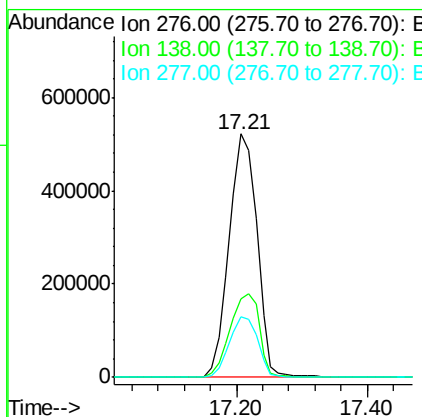
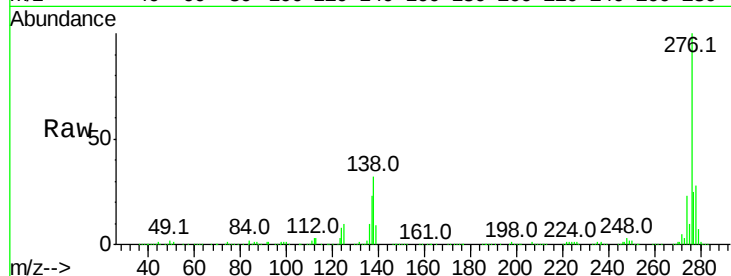
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 54.25 ng
 RT: 17.21 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: BF090425.D
 Acq: 6 Oct 2016 18:31

Instrument :
 BNA_F
 ClientSampleId :
 PB93820BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	36.1	23.8	35.8
277	25.4	20.4	30.6

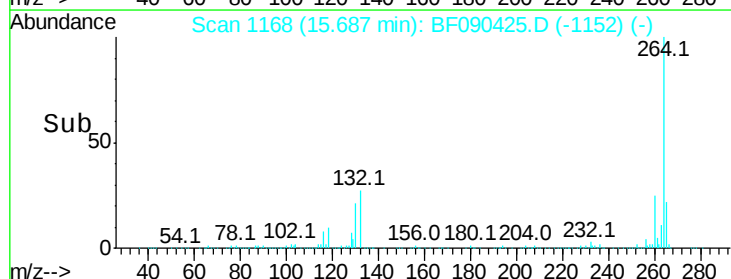
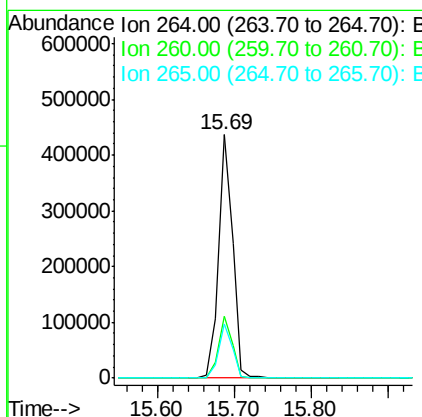
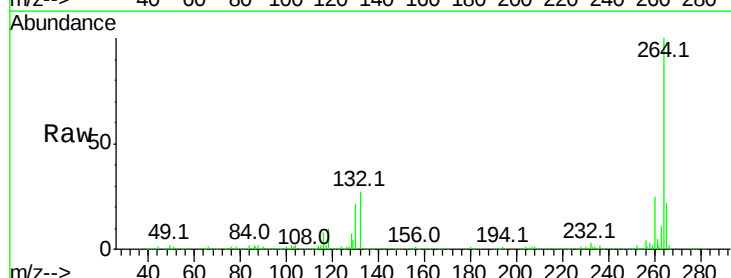
Manual Integrations
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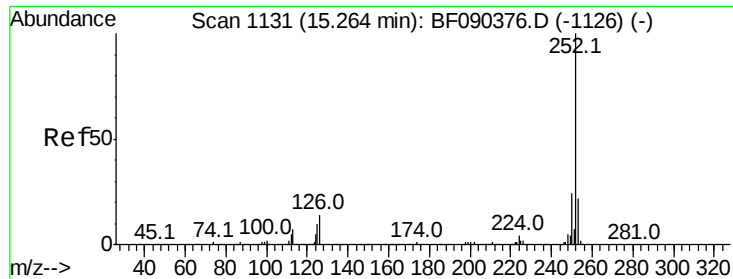
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.69 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BF090425.D
 Acq: 6 Oct 2016 18:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.3	28.9
265	22.0	17.4	26.0





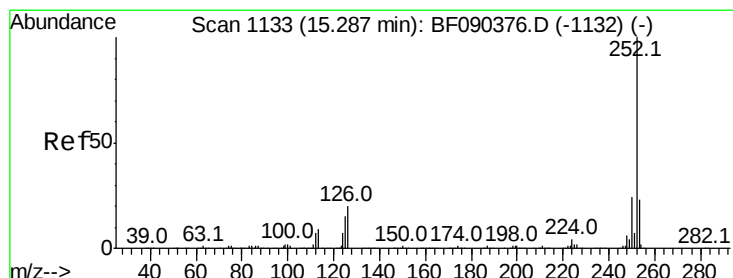
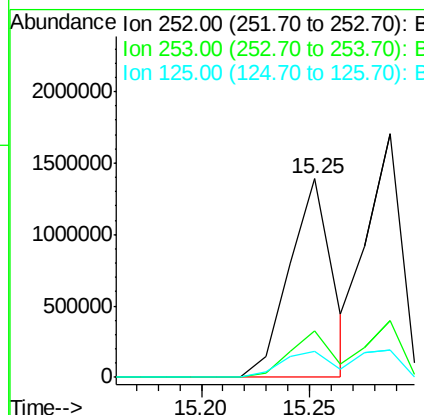
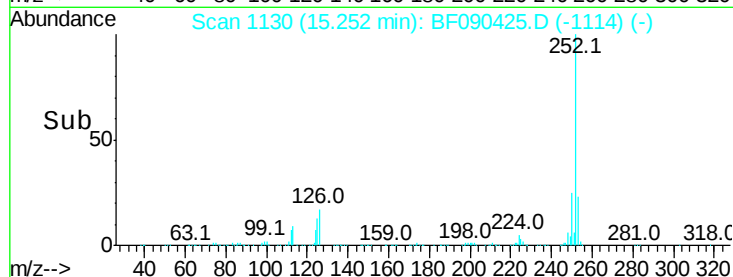
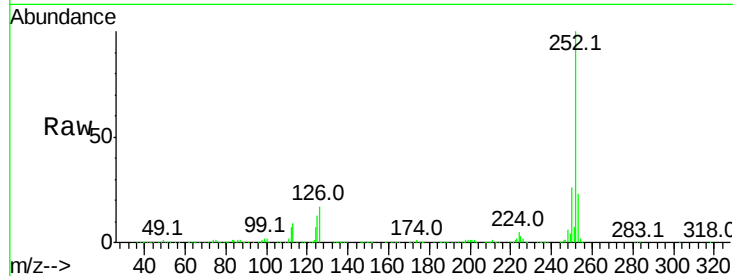
#87
Benzo(b)fluoranthene
Concen: 53.60 ng
RT: 15.25 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BF090425.D
Acq: 6 Oct 2016 18:31

Instrument :
BNA_F
ClientSampleId :
PB93820BS

Tot Ion:252 Resp: 1907987
Ion Ratio Lower Upper
252 100
253 23.3 18.2 27.2
125 13.2 7.0 10.4#

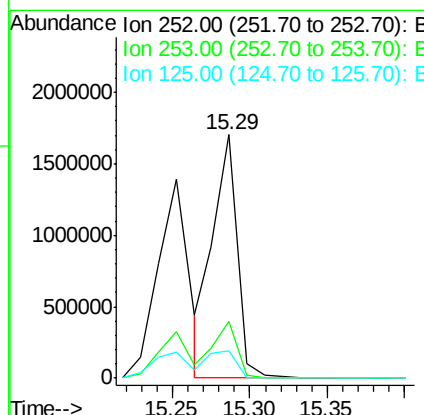
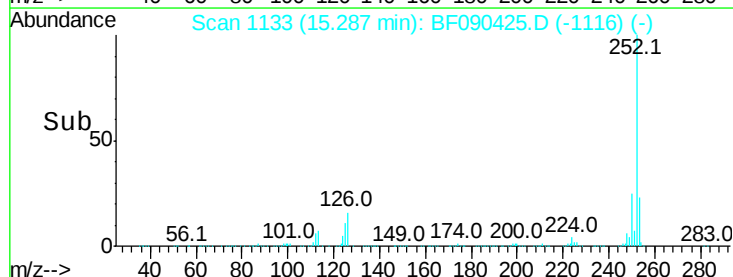
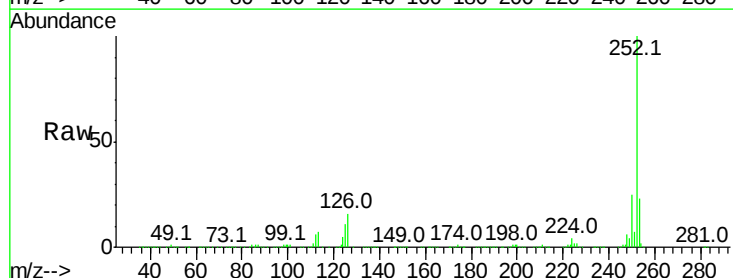
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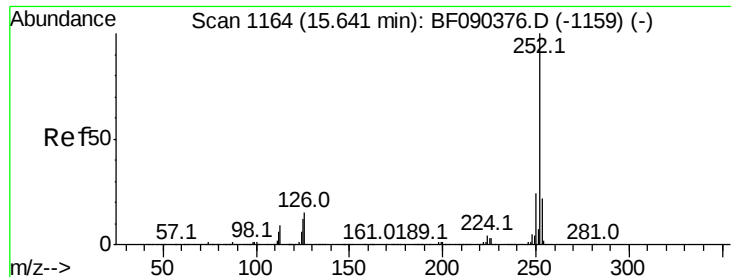
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#88
Benzo(k)fluoranthene
Concen: 56.73 ng m
RT: 15.29 min Scan# 1133
Delta R.T. -0.00 min
Lab File: BF090425.D
Acq: 6 Oct 2016 18:31

Tgt Ion:252 Resp: 1896885
Ion Ratio Lower Upper
252 100
253 23.1 18.6 27.8
125 11.4 11.7 17.5#





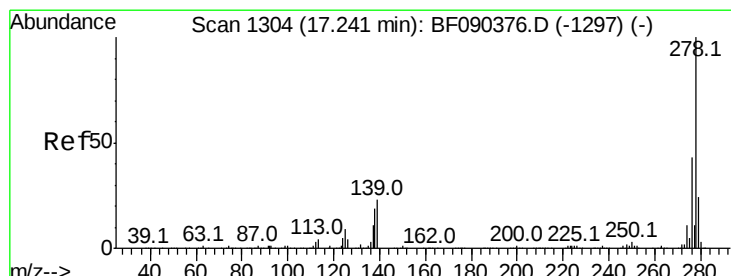
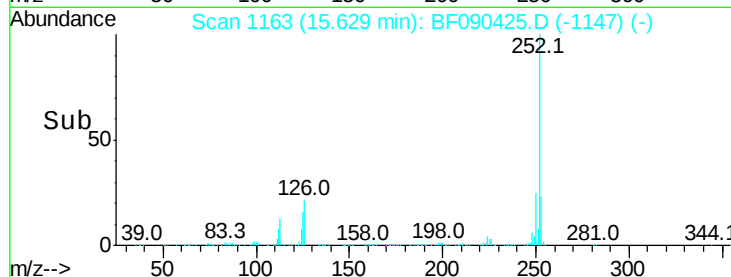
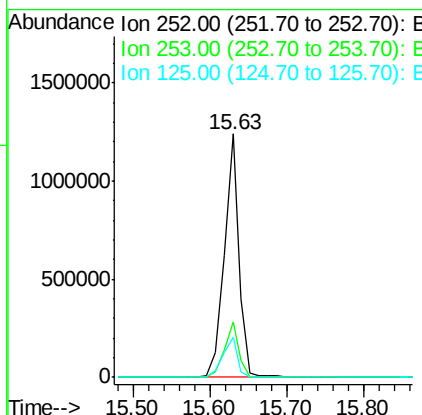
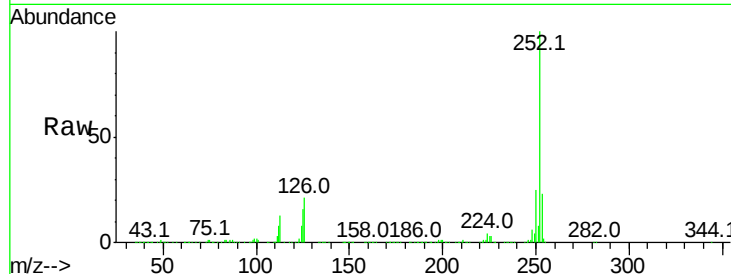
#89
Benzo(a)pyrene
Concen: 54.80 ng
RT: 15.63 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF090425.D
Acq: 6 Oct 2016 18:31

Instrument :
BNA_F
ClientSampleId :
PB93820BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.4
125	16.3	9.8	14.8

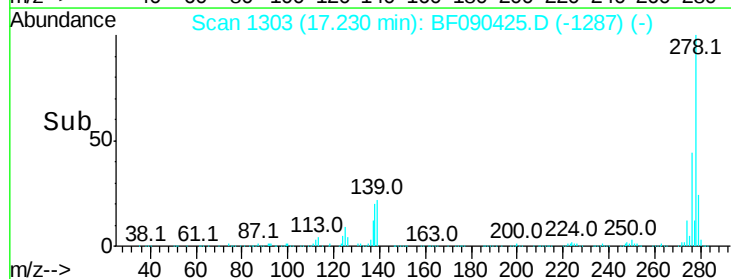
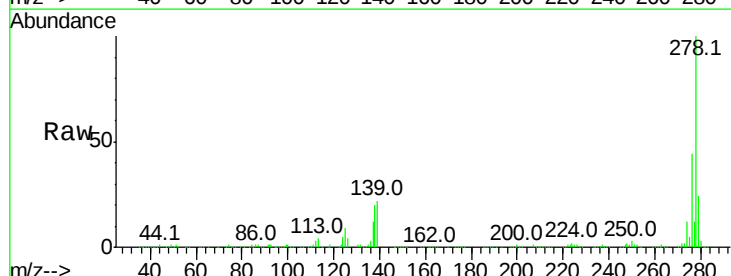
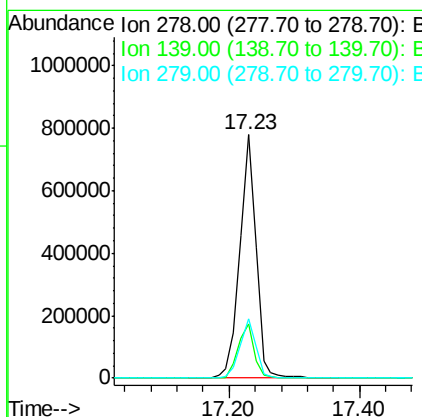
Manual Integrations
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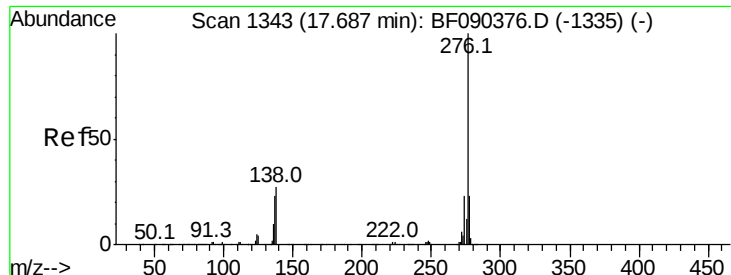
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#90
Dibenzo(a,h)anthracene
Concen: 51.15 ng
RT: 17.23 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF090425.D
Acq: 6 Oct 2016 18:31

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.4	12.8	19.2
279	24.4	19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 48.70 ng
 RT: 17.68 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF090425.D
 Acq: 6 Oct 2016 18:31

Instrument :
 BNA_F
 ClientSampleId :
 PB93820BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.4	29.0
138	27.6	20.8	31.2

Manual Integrations
 APPROVED

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