

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100516\
 Data File : BF090415.D
 Acq On : 6 Oct 2016 7:34
 Operator : UM/SJ
 Sample : PB93730BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93730BS

Manual Integrations
 APPROVED

SOHIL
 10/6/2016 5:27:58 PM

Quant Time: Oct 06 08:17:27 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	267118	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	1143342	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	556582	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	944294	20.00	ng	0.00
75) Chrysene-d12	14.20	240	707102	20.00	ng	0.00
86) Perylene-d12	15.70	264	510860	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	1892498	105.74	ng	0.01
7) Phenol-d6	6.63	99	2764759	117.94	ng	0.01
23) Nitrobenzene-d5	7.57	82	1849166	78.67	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	711843	157.29	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2848706	85.28	ng	0.00
78) Terphenyl-d14	13.14	244	2792565	88.79	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.82	88	276587	31.35	ng	# 94
3) Pyridine	3.57	79	846665	34.42	ng	# 83
4) n-Nitrosodimethylamine	3.53	42	378047	37.24	ng	# 57
6) Aniline	6.66	93	792139	24.46	ng	97
8) 2-Chlorophenol	6.79	128	721844	36.65	ng	85
9) Benzaldehyde	6.54	77	387702	32.72	ng	89
10) Phenol	6.65	94	1134198	41.62	ng	91
11) bis(2-Chloroethyl)ether	6.74	93	837026	40.11	ng	96
12) 1,3-Dichlorobenzene	6.94	146	742750m	37.83	ng	
13) 1,4-Dichlorobenzene	7.02	146	770524	38.64	ng	95
14) 1,2-Dichlorobenzene	7.17	146	674032	35.08	ng	96
15) Benzyl Alcohol	7.14	79	712913	40.01	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.29	45	1284144	36.29	ng	91
17) 2-Methylphenol	7.25	107	623316	38.48	ng	99
18) Hexachloroethane	7.51	117	289276	36.80	ng	# 88
19) n-Nitroso-di-n-propylamine	7.42	70	669633	38.96	ng	# 80
20) 3+4-Methylphenols	7.41	107	843677	40.24	ng	# 63
22) Acetophenone	7.41	105	1037901	38.33	ng	# 97
24) Nitrobenzene	7.58	77	817716	35.04	ng	96
25) Isophorone	7.82	82	1600059	37.23	ng	97
26) 2-Nitrophenol	7.90	139	384935	38.33	ng	# 80
27) 2,4-Dimethylphenol	7.94	122	695607	35.61	ng	95
28) bis(2-Chloroethoxy)methane	8.04	93	1058667	41.65	ng	98
29) 2,4-Dichlorophenol	8.14	162	534839	36.02	ng	87
30) 1,2,4-Trichlorobenzene	8.23	180	613623	40.09	ng	97
31) Naphthalene	8.31	128	2089861	37.89	ng	99
32) Benzoic acid	8.06	122	497511	36.64	ng	95
33) 4-Chloroaniline	8.36	127	274216	12.03	ng	# 90
34) Hexachlorobutadiene	8.44	225	308669	36.10	ng	97
35) Caprolactam	8.73	113	188313m	37.72	ng	
36) 4-Chloro-3-methylphenol	8.84	107	673952	36.25	ng	97
37) 2-Methylnaphthalene	9.01	142	1424966	42.68	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	544827	37.13	ng	# 98
40) Hexachlorocyclopentadiene	9.17	237	691075	85.92	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	418701m	41.35	nq	
43) 2,4,5-Trichlorophenol	9.32	196	382944m	40.00	nq	
45) 1,1'-Biphenyl	9.47	154	1514768	36.73	nq	93
46) 2-Chloronaphthalene	9.50	162	1296384	42.54	nq	94
47) 2-Nitroaniline	9.58	65	482640	40.14	nq	# 83
48) Acenaphthylene	9.91	152	1835534	36.51	nq	99
49) Dimethylphthalate	9.78	163	1549423	43.47	nq	98
50) 2,6-Dinitrotoluene	9.83	165	348534	44.04	nq	# 83
51) Acenaphthene	10.09	154	1332914	42.52	nq	97
52) 3-Nitroaniline	9.99	138	190402	20.60	nq	# 80
53) 2,4-Dinitrophenol	10.11	184	379942	107.68	nq	96
54) Dibenzofuran	10.26	168	1697118	41.82	nq	92
55) 4-Nitrophenol	10.17	139	697871	86.28	nq	# 65
56) 2,4-Dinitrotoluene	10.23	165	404416	38.40	nq	# 27
57) Fluorene	10.60	166	1388903	40.73	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.37	232	308855m	43.19	nq	
59) Diethylphthalate	10.47	149	1465849	39.74	nq	# 92
60) 4-Chlorophenyl-phenylether	10.60	204	686948	44.30	nq	# 86
61) 4-Nitroaniline	10.62	138	395109	42.42	nq	87
62) Azobenzene	10.76	77	1968963	46.22	nq	87
64) 4,6-Dinitro-2-methylphenol	10.65	198	231276	37.61	nq	# 68
65) n-Nitrosodiphenylamine	10.71	169	1248207	39.45	nq	98
66) 4-Bromophenyl-phenylether	11.09	248	401719	43.40	nq	# 86
67) Hexachlorobenzene	11.16	284	409480	39.72	nq	# 82
68) Atrazine	11.24	200	362190	46.42	nq	98
69) Pentachlorophenol	11.34	266	491945	80.17	nq	100
70) Phenanthrene	11.57	178	2130754	44.07	nq	100
71) Anthracene	11.62	178	1891716	38.31	nq	99
72) Carbazole	11.78	167	1989693	43.37	nq	97
73) Di-n-butylphthalate	12.11	149	2488194	44.57	nq	# 97
74) Fluoranthene	12.76	202	1847378	38.95	nq	98
76) Benzidine	12.87	184	667224	35.89	nq	99
77) Pyrene	12.99	202	1803132	38.24	nq	99
79) Butylbenzylphthalate	13.61	149	931264	38.49	nq	# 73
80) Benzo(a)anthracene	14.18	228	1710373	43.11	nq	99
81) 3,3'-Dichlorobenzidine	14.14	252	409612	28.48	nq	# 98
82) Chrysene	14.22	228	1627739	44.58	nq	100
83) Bis(2-ethylhexyl)phthalate	14.18	149	1439317	41.86	nq	# 97
84) Di-n-octyl phthalate	14.80	149	2183851	42.84	nq	# 92
85) Indeno(1,2,3-cd)pyrene	17.22	276	1202886	46.21	nq	# 93
87) Benzo(b)fluoranthene	15.25	252	1513107	46.50	nq	# 95
88) Benzo(k)fluoranthene	15.29	252	985764m	32.25	nq	
89) Benzo(a)pyrene	15.63	252	1169537	41.70	nq	# 94
90) Dibenzo(a,h)anthracene	17.24	278	1040032	43.59	nq	# 97
91) Benzo(g,h,i)perylene	17.68	276	961401	41.98	nq	# 94

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

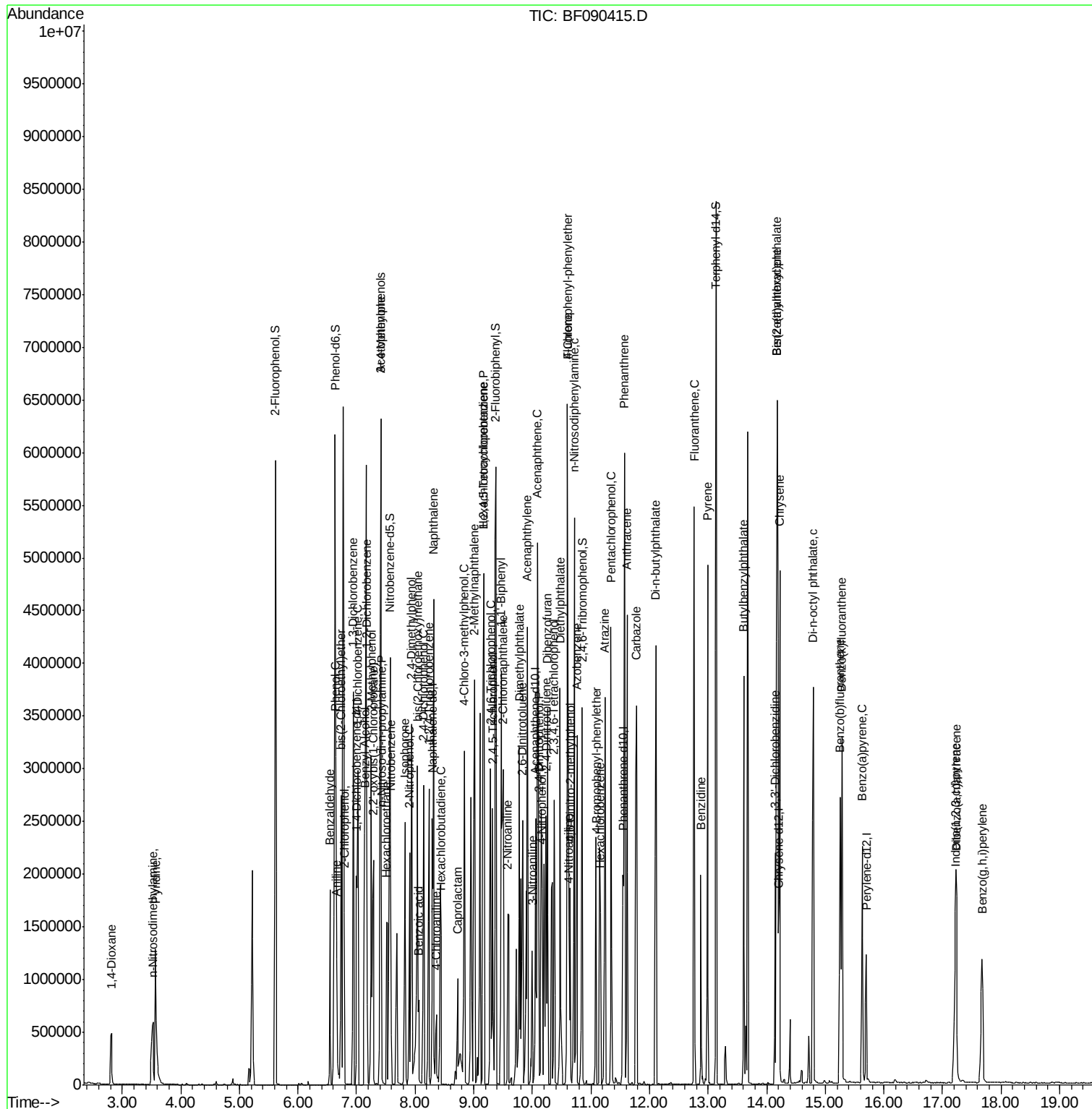
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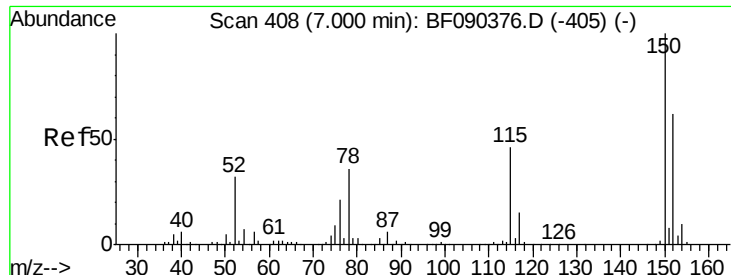
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.00 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

Instrument :

BNA_F

ClientSampleId :

PB93730BS

Tot Ion:152 Resp: 267118

Ion Ratio Lower Upper

152 100

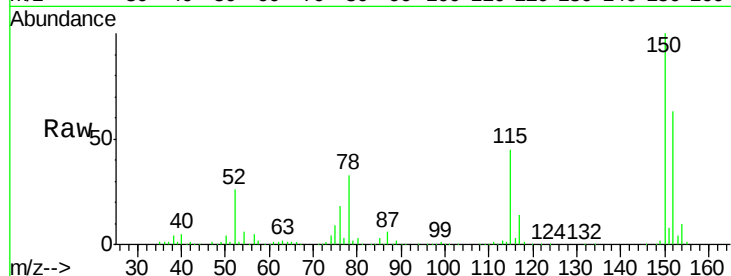
150 157.8 124.6 186.8

115 70.5 46.2 69.4#

Manual Integrations
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10/6/2016 5:27:58 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

600000

500000

400000

300000

200000

100000

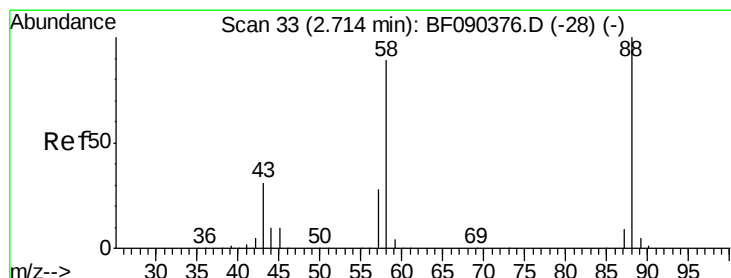
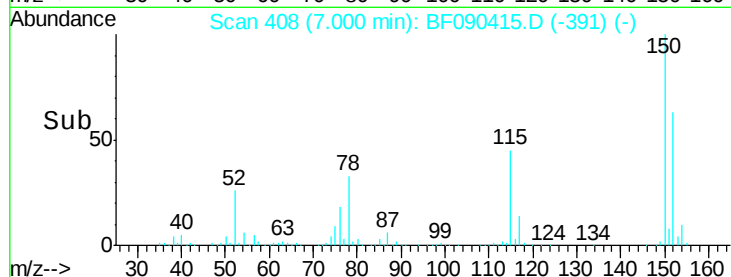
0

6.95

7.00

7.05

Time-->



#2

1,4-Dioxane

Concen: 31.35 ng

RT: 2.82 min Scan# 42

Delta R.T. 0.10 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

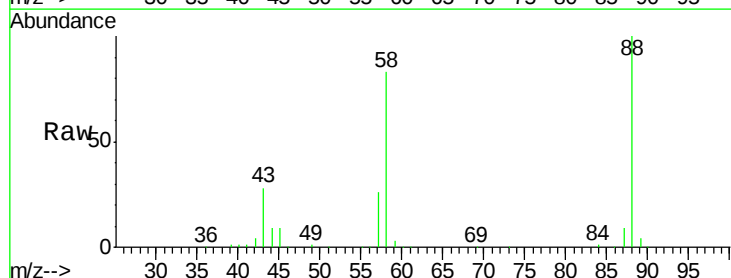
Tgt Ion: 88 Resp: 276587

Ion Ratio Lower Upper

88 100

58 85.8 71.2 106.8

43 29.3 29.8 44.6#



Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

200000

150000

100000

50000

0

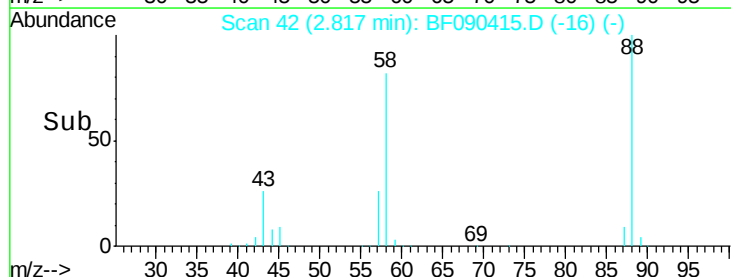
2.75

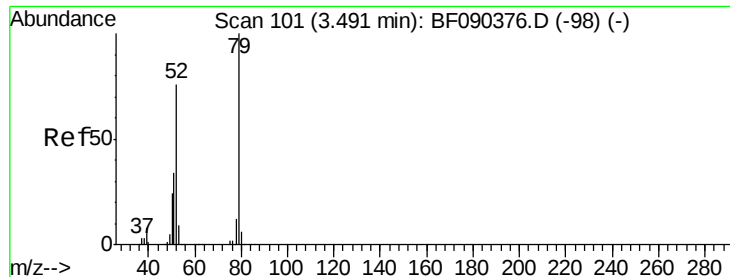
2.80

2.85

2.90

Time-->





#3

Pvridine

Concen: 34.42 ng

RT: 3.57 min Scan# 108

Delta R.T. 0.08 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

Instrument :

BNA_F

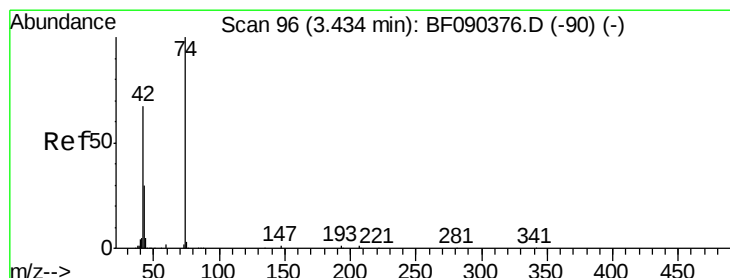
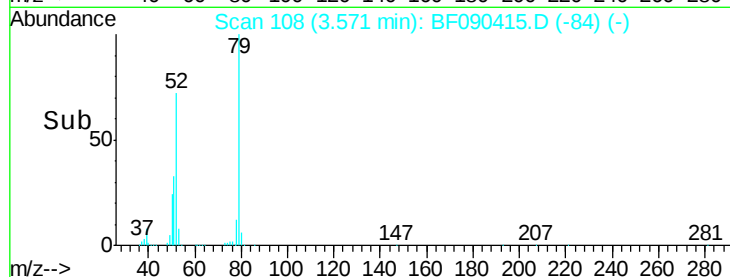
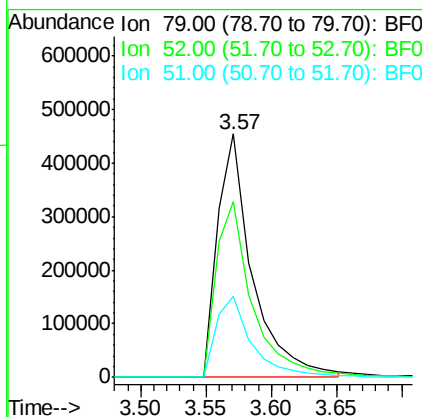
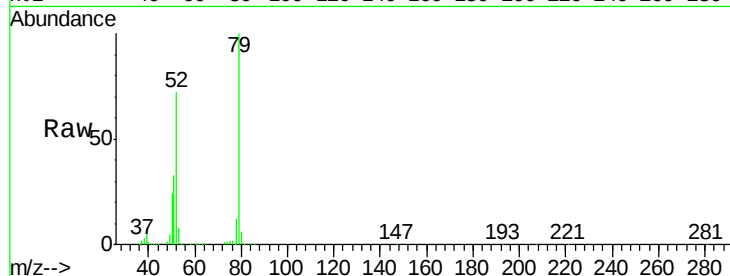
ClientSampleId :

PB93730BS

Tot Ion:	79	Resp:	846665
Ion Ratio	Lower	Upper	
79	100		
52	72.3	71.3	106.9
51	33.3	34.5	51.7#

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10/6/2016 5:27:58 PM



#4

n-Nitrosodimethylamine

Concen: 37.24 ng

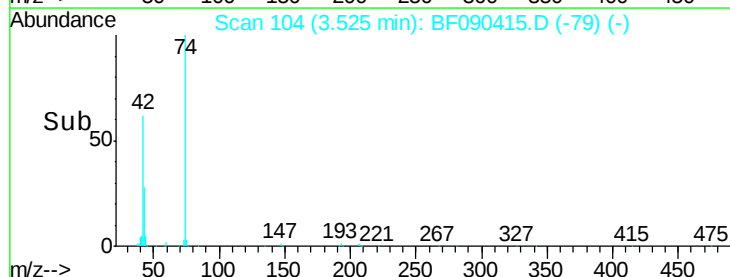
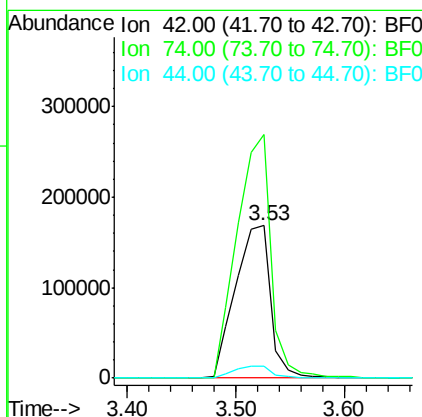
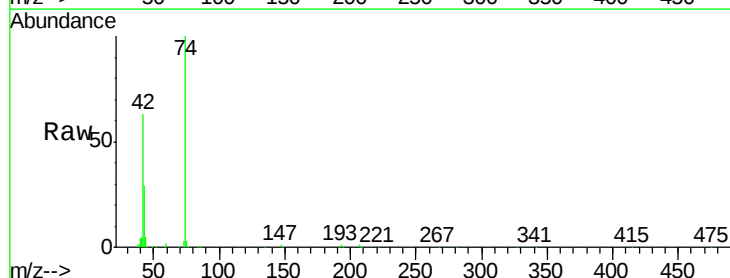
RT: 3.53 min Scan# 104

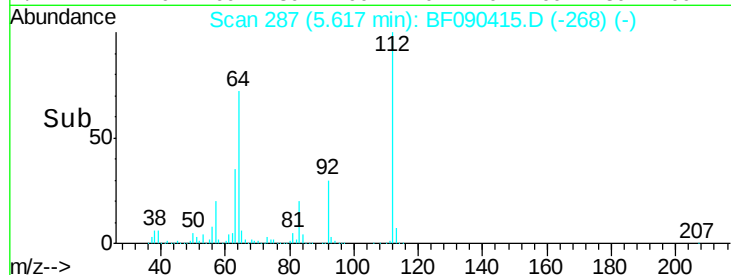
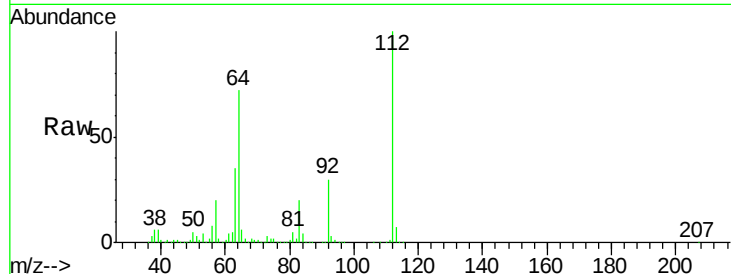
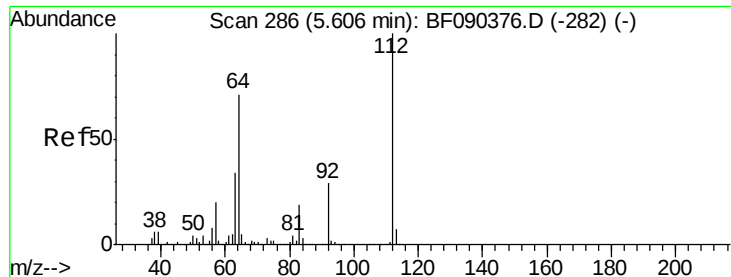
Delta R.T. 0.09 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

Tgt Ion:	42	Resp:	378047
Ion Ratio	Lower	Upper	
42	100		
74	160.0	88.9	133.3#
44	8.0	6.5	9.7





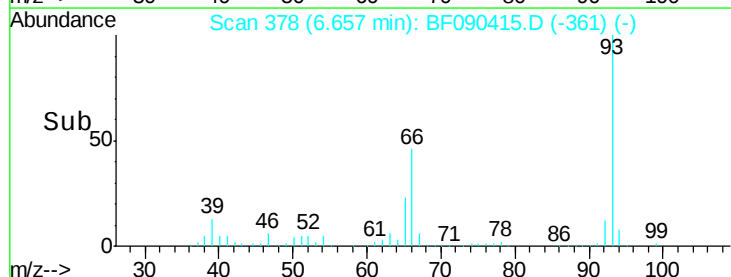
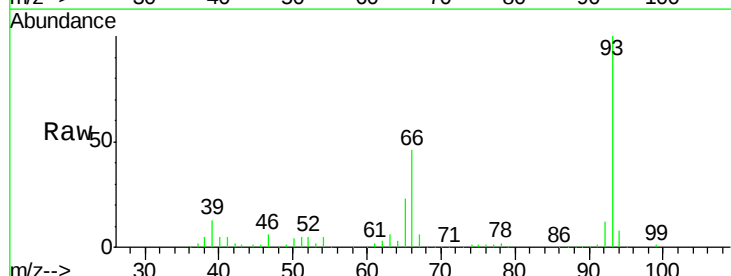
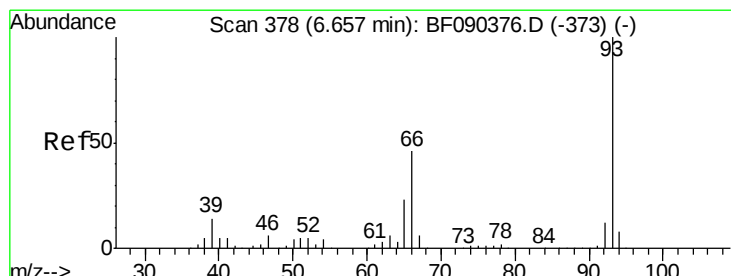
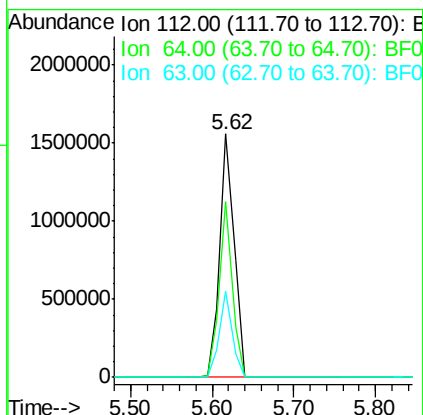
#5
2-Fluorophenol
Concen: 105.74 ng
RT: 5.62 min Scan# 287
Delta R.T. 0.01 min
Lab File: BF090415.D
Acq: 6 Oct 2016 7:34

Tot Ion	Ratio	Lower	Upper
112	100		
64	72.5	57.9	86.9
63	35.3	29.6	44.4

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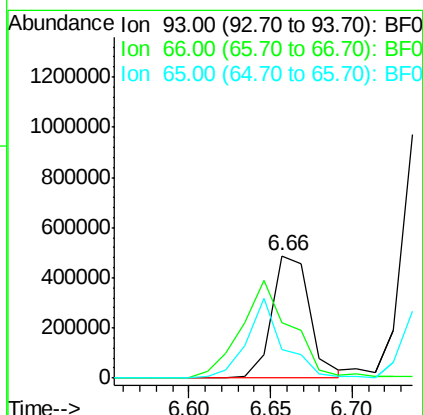
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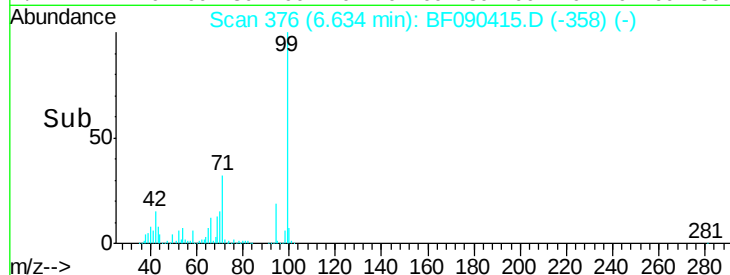
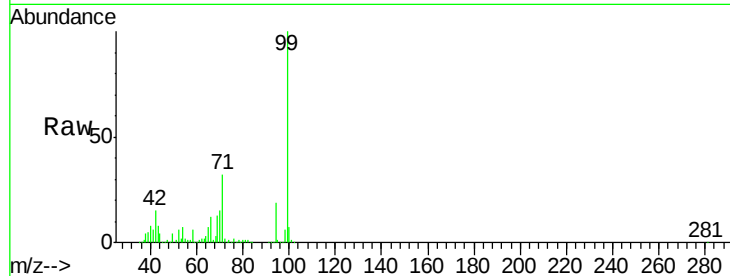
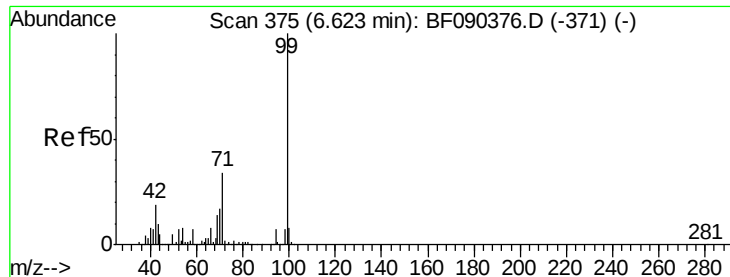
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#6
Aniline
Concen: 24.46 ng
RT: 6.66 min Scan# 378
Delta R.T. -0.00 min
Lab File: BF090415.D
Acq: 6 Oct 2016 7:34

Tgt Ion	Ratio	Lower	Upper
93	100		
66	45.7	34.5	51.7
65	23.0	18.2	27.2





#7

Phenol-d6

Concen: 117.94 ng

RT: 6.63 min Scan# 376

Delta R.T. 0.01 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

Tot Ion: 99 Resp: 2764759

Ion Ratio Lower Upper

99 100

42 15.4 20.0 30.0#

71 32.0 27.9 41.9

Instrument :

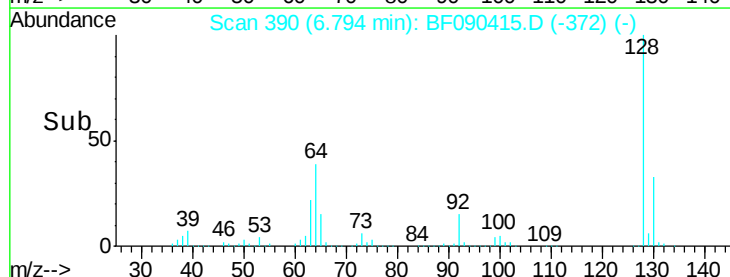
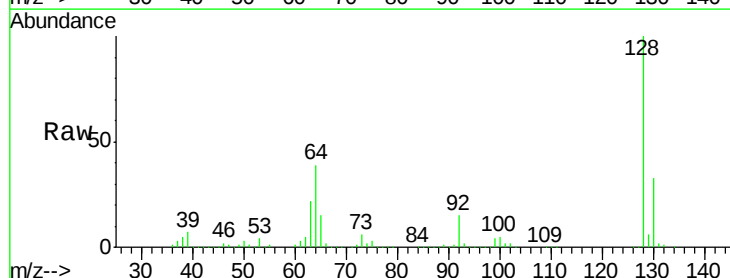
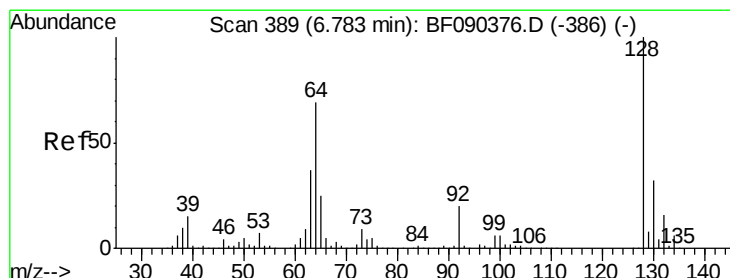
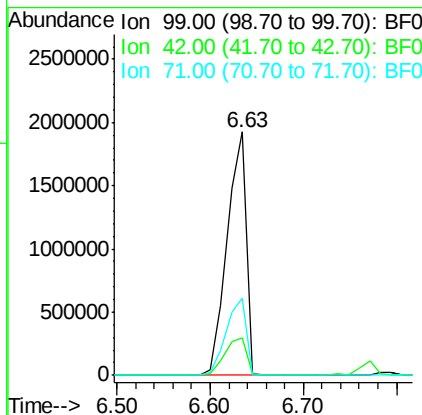
BNA_F

ClientSampled :

PB93730BS

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10/6/2016 5:27:58 PM



#8

2-Chlorophenol

Concen: 36.65 ng

RT: 6.79 min Scan# 390

Delta R.T. 0.01 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

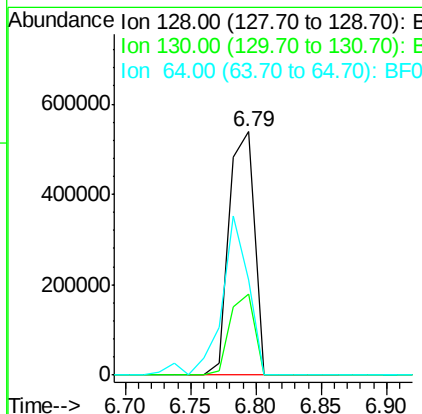
Tgt Ion:128 Resp: 721844

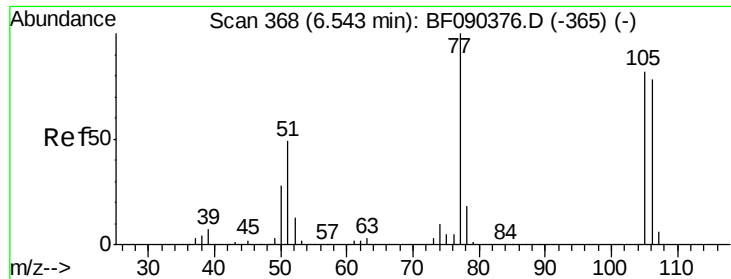
Ion Ratio Lower Upper

128 100

130 33.2 13.3 53.3

64 38.9 36.0 76.0





#9

Benzaldehyde

Concen: 32.72 ng

RT: 6.54 min Scan# 368

Delta R.T. -0.00 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

Instrument :

BNA_F

ClientSampled :

PB93730BS

Tot Ion: 77 Resp: 387702

Ion Ratio Lower Upper

77 100

105 83.1 73.1 113.1

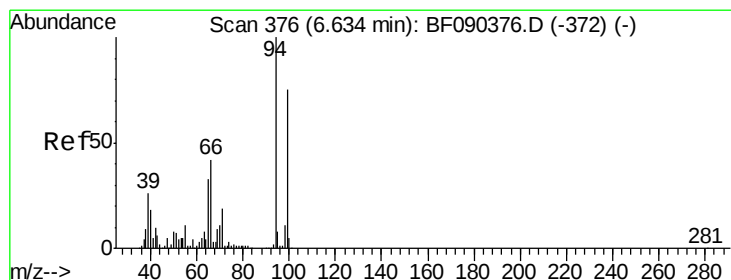
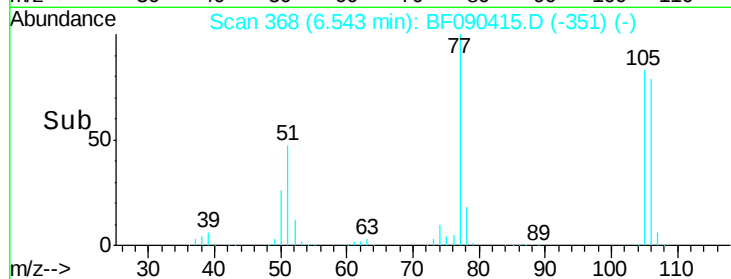
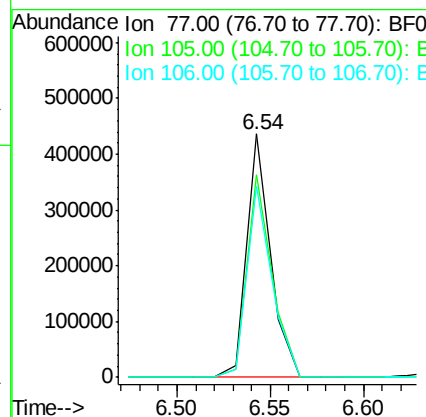
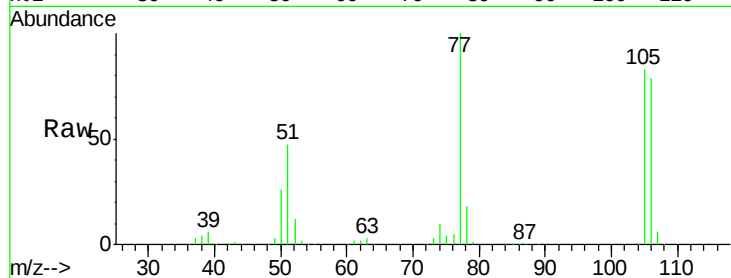
106 78.6 70.2 110.2

Manual Integrations

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10/6/2016 5:27:58 PM



#10

Phenol

Concen: 41.62 ng

RT: 6.65 min Scan# 377

Delta R.T. 0.01 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

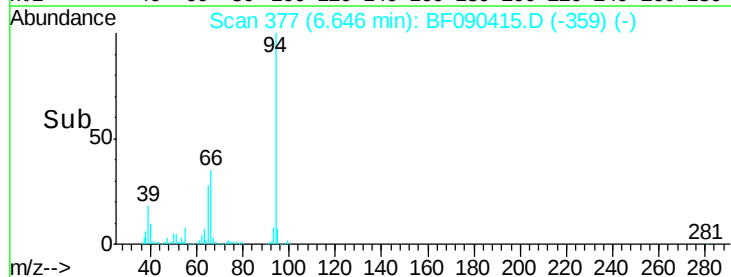
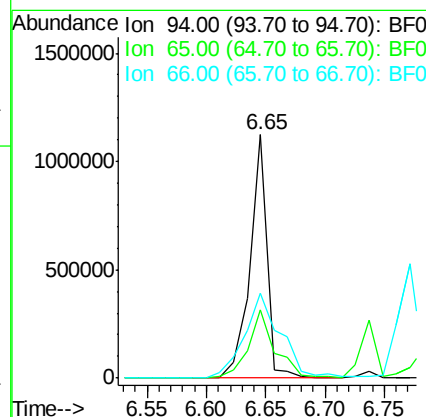
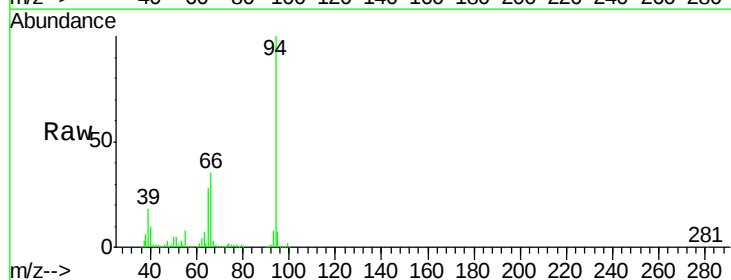
Tgt Ion: 94 Resp: 1134198

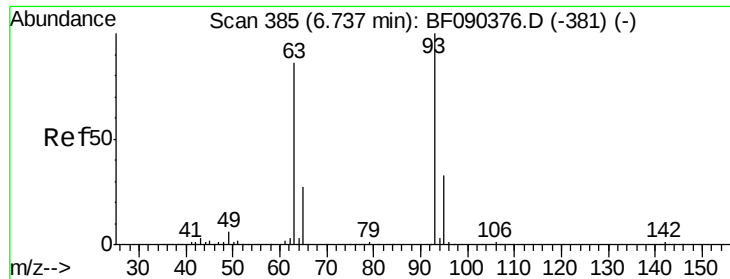
Ion Ratio Lower Upper

94 100

65 28.1 13.3 53.3

66 34.7 20.4 60.4





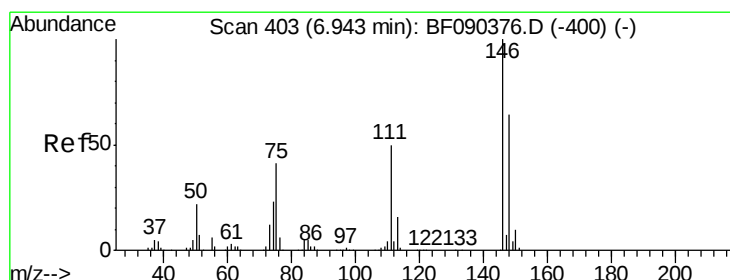
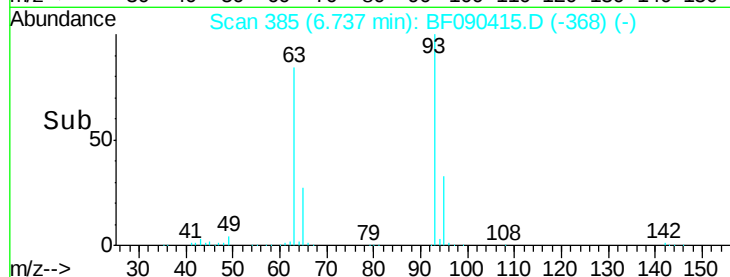
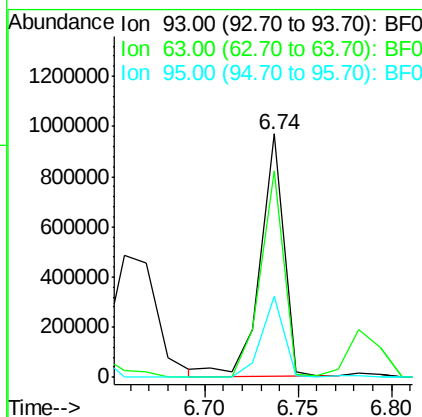
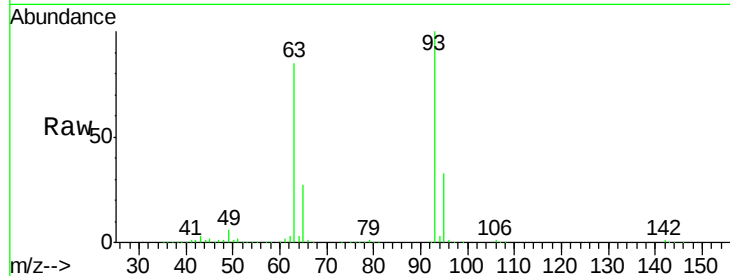
#11
bis(2-Chloroethyl)ether
Concen: 40.11 ng
RT: 6.74 min Scan# 385
Delta R.T. -0.00 min
Lab File: BF090415.D
Acq: 6 Oct 2016 7:34

Instrument :
BNA_F
ClientSampleId :
PB93730BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	84.8	59.7	99.7
95	33.2	14.0	54.0

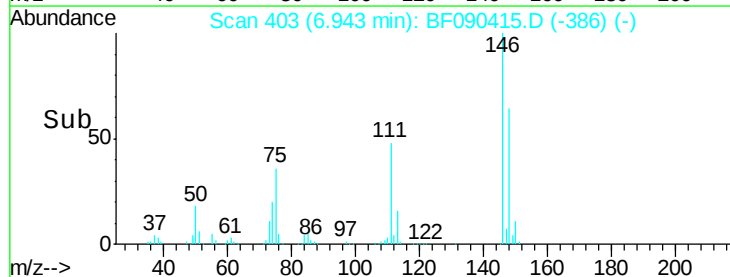
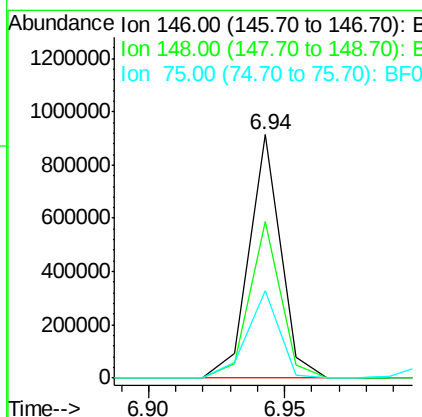
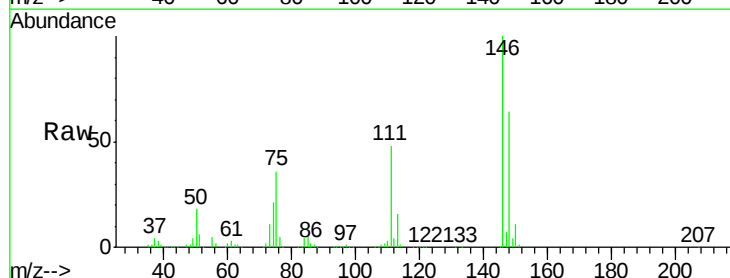
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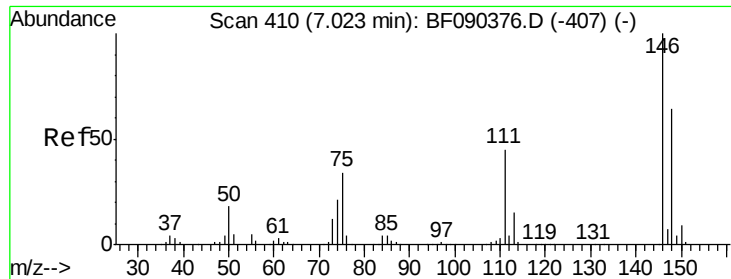
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#12
1,3-Dichlorobenzene
Concen: 37.83 ng m
RT: 6.94 min Scan# 403
Delta R.T. -0.00 min
Lab File: BF090415.D
Acq: 6 Oct 2016 7:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.2	78.4
75	36.2	21.4	32.2





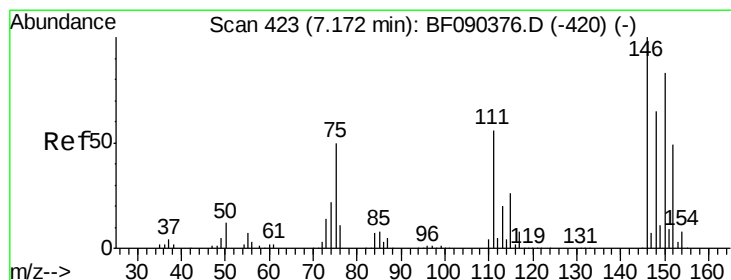
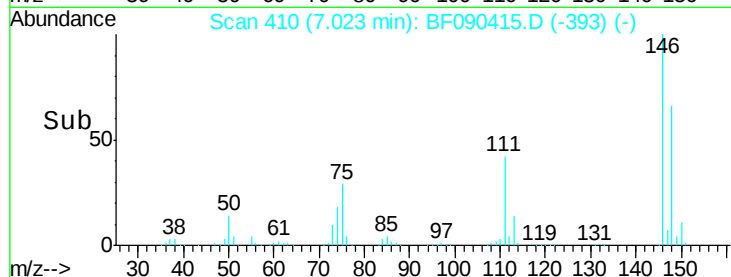
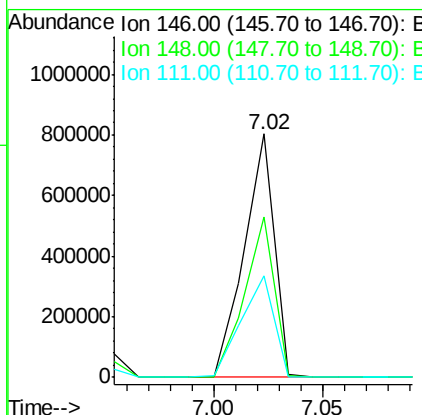
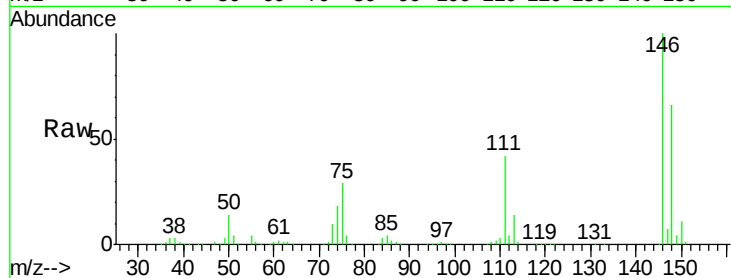
#13
 1,4-Dichlorobenzene
 Concen: 38.64 ng
 RT: 7.02 min Scan# 410
 Delta R.T. -0.00 min
 Lab File: BF090415.D
 Acq: 6 Oct 2016 7:34

Instrument :
 BNA_F
 ClientSampled :
 PB93730BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.1	76.7
111	41.6	37.8	56.6

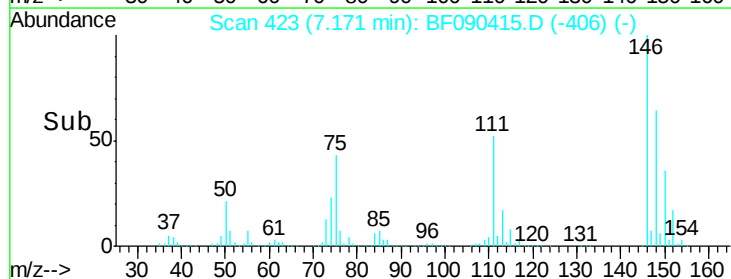
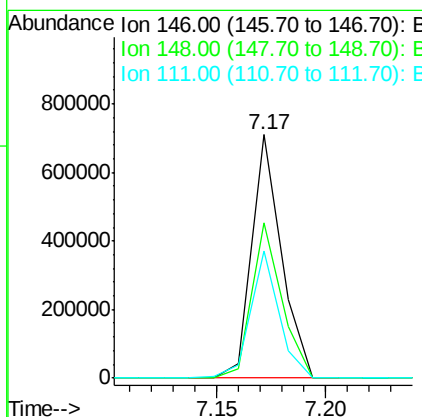
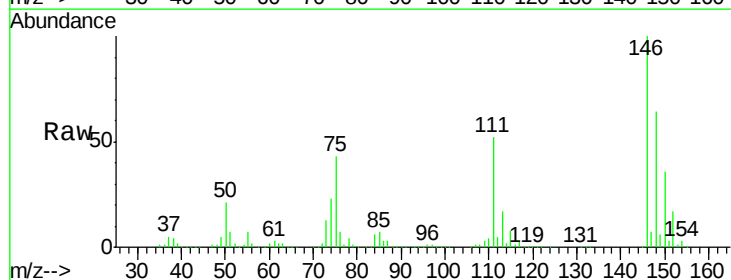
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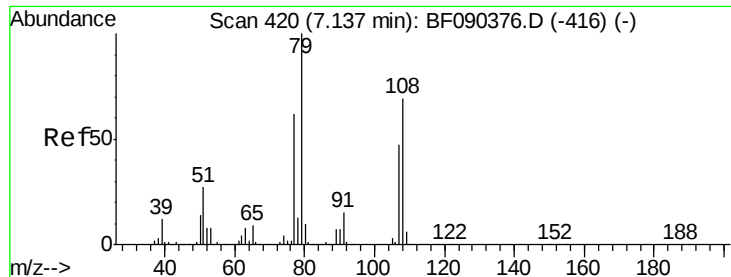
SOHIL
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#14
 1,2-Dichlorobenzene
 Concen: 35.08 ng
 RT: 7.17 min Scan# 423
 Delta R.T. -0.00 min
 Lab File: BF090415.D
 Acq: 6 Oct 2016 7:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.3	78.5
111	52.3	38.2	57.4





#15

Benzyl Alcohol

Concen: 40.01 ng

RT: 7.14 min Scan# 420

Delta R.T. -0.00 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

Instrument :

BNA_F

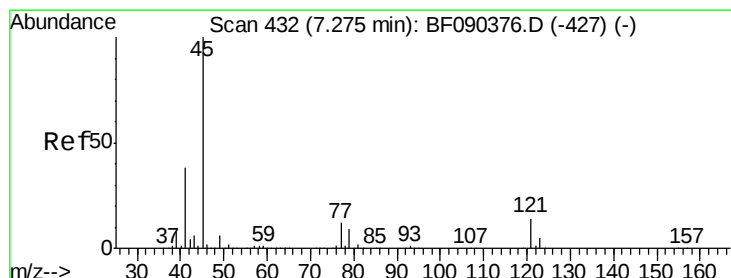
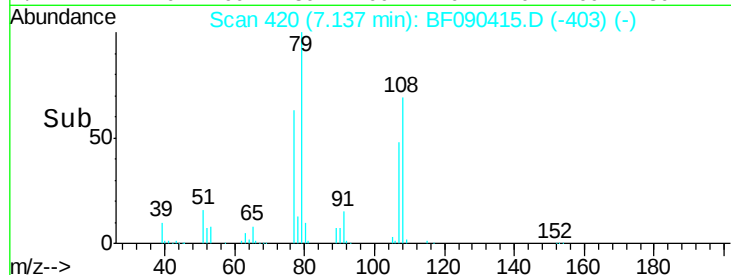
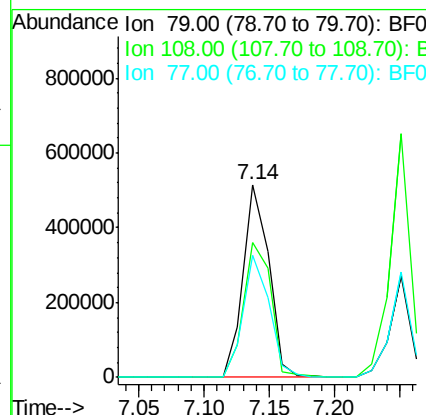
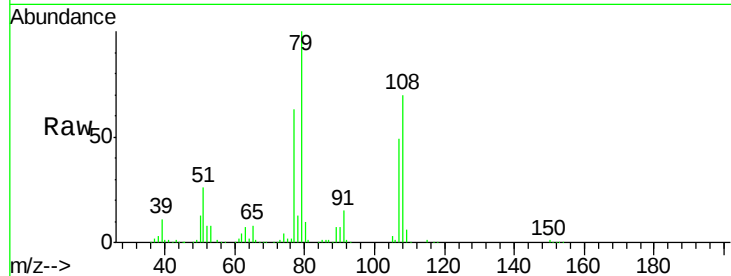
ClientSampled :

PB93730BS

Tot Ion:	79	Resp:	712913
Ion Ratio	Lower	Upper	
79	100		
108	70.0	60.9	91.3
77	63.2	51.5	77.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.29 ng

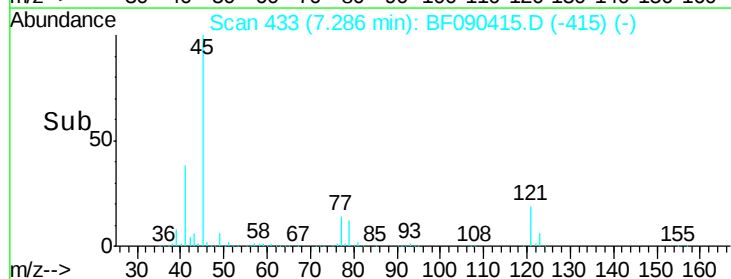
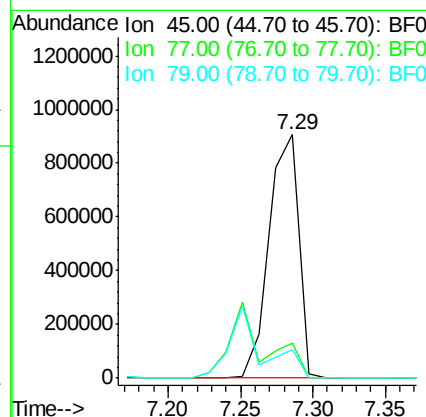
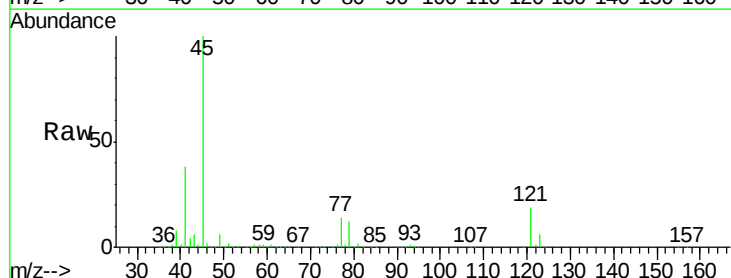
RT: 7.29 min Scan# 433

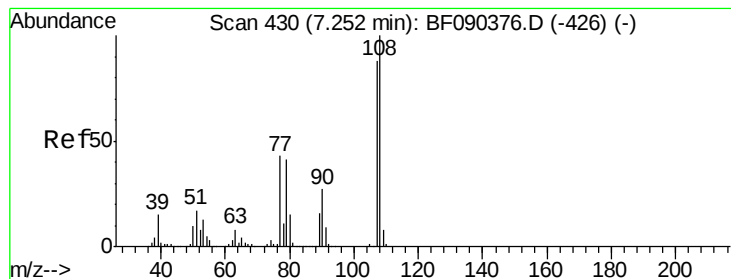
Delta R.T. 0.01 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

Tgt Ion:	45	Resp:	1284144
Ion Ratio	Lower	Upper	
45	100		
77	14.2	0.0	30.8
79	11.6	0.0	28.2





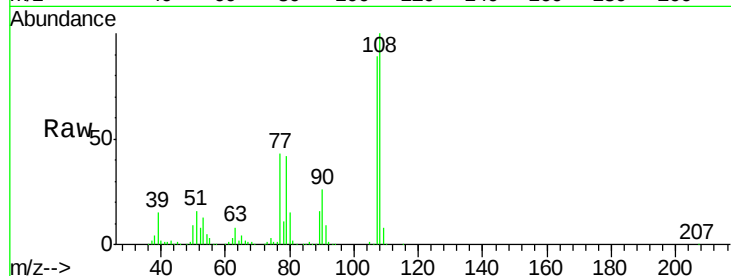
#17
2-Methylphenol
Concen: 38.48 ng
RT: 7.25 min Scan# 430
Delta R.T. -0.00 min
Lab File: BF090415.D
Acq: 6 Oct 2016 7:34

Instrument :
BNA_F
ClientSampled :
PB93730BS

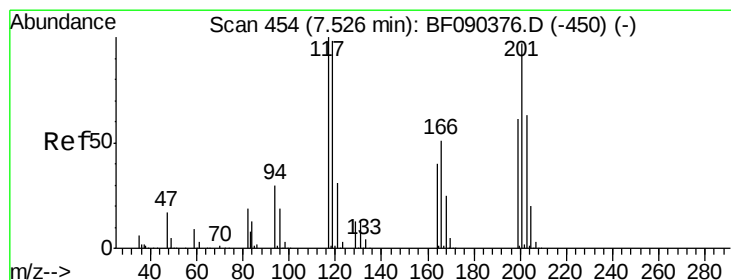
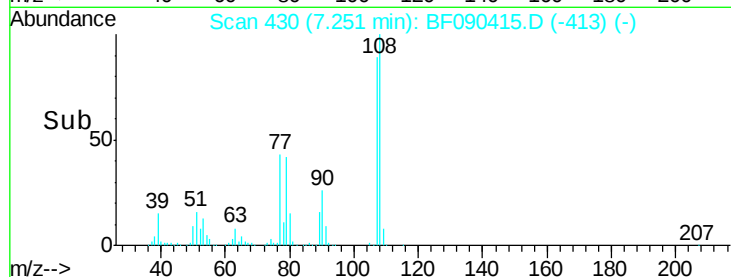
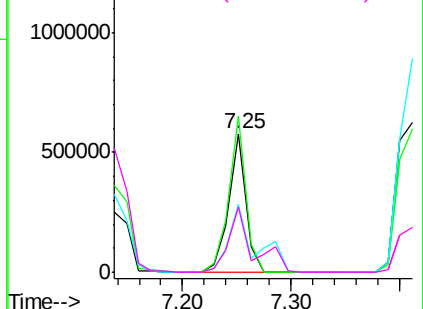
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.7	90.9	136.3	
77	48.9	38.2	57.4	
79	46.8	37.0	55.4	

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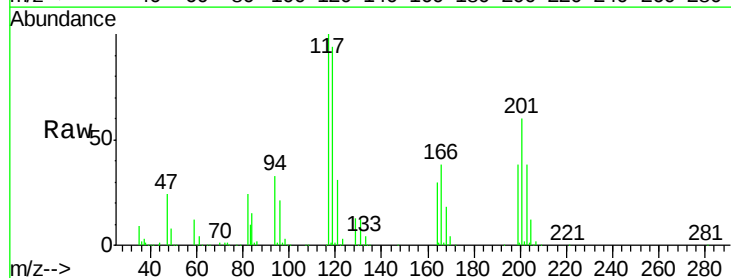


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

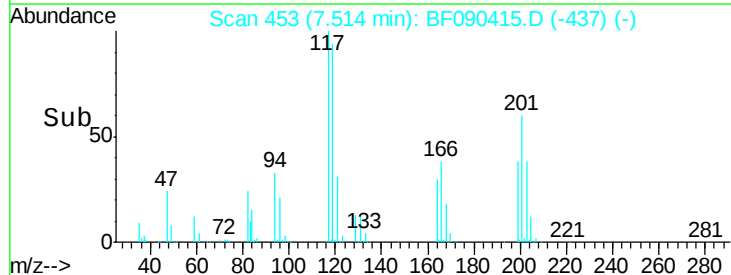
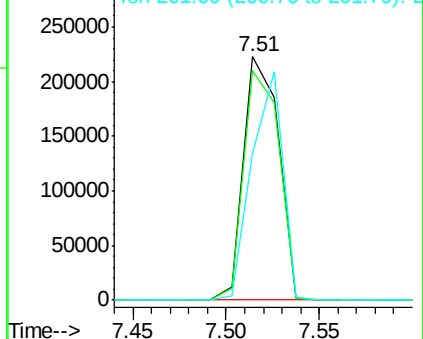


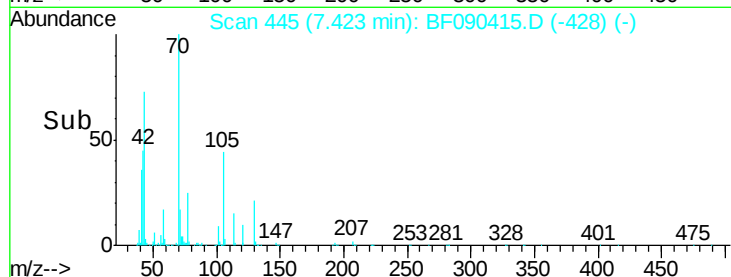
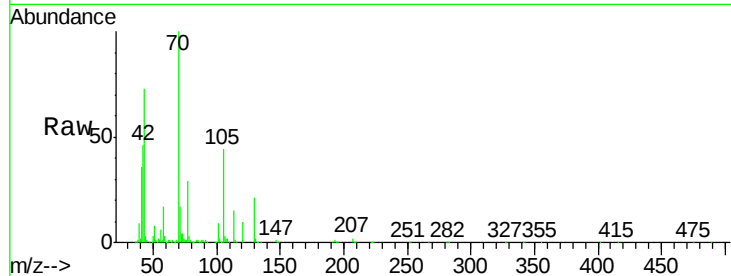
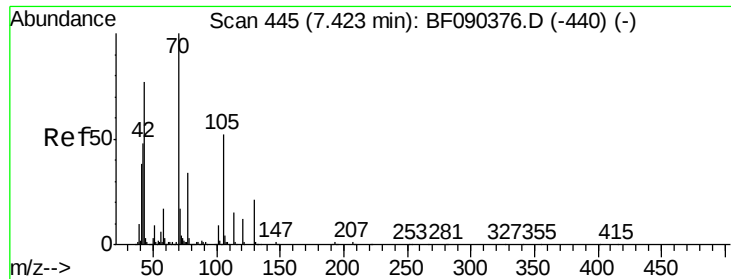
#18
Hexachloroethane
Concen: 36.80 ng
RT: 7.51 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF090415.D
Acq: 6 Oct 2016 7:34

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.2	75.9	113.9	
201	60.1	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





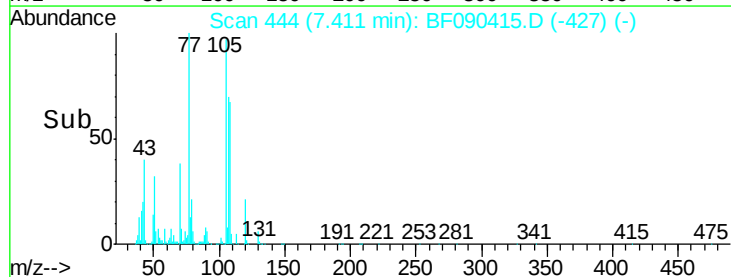
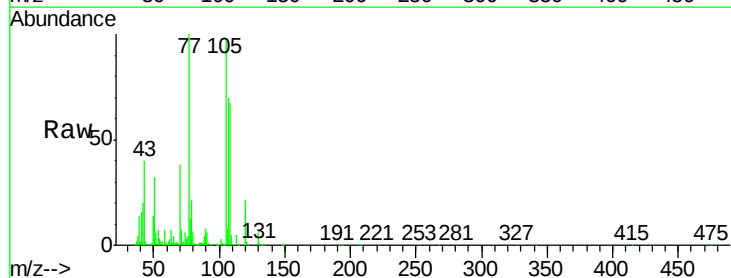
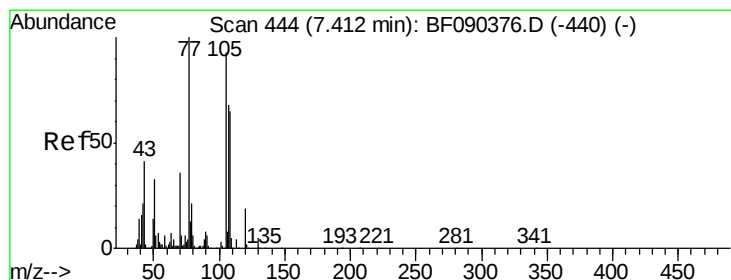
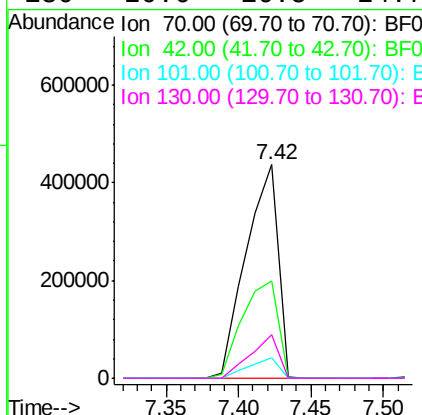
#19
n-Nitroso-di-n-propylamine
Concen: 38.96 ng
RT: 7.42 min Scan# 445
Delta R.T. -0.00 min
Lab File: BF090415.D
Acq: 6 Oct 2016 7:34

Instrument :
BNA_F
ClientSampleId :
PB93730BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	45.6	55.4	83.2#
101	9.4	7.6	11.4
130	20.6	16.5	24.7

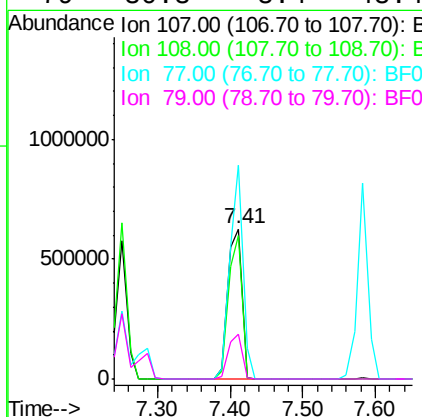
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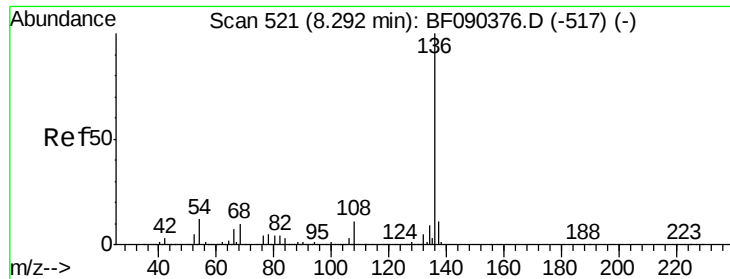
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#20
3+4-Methylphenols
Concen: 40.24 ng
RT: 7.41 min Scan# 444
Delta R.T. -0.00 min
Lab File: BF090415.D
Acq: 6 Oct 2016 7:34

Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.3	66.7	106.7
77	142.3	53.7	93.7#
79	30.3	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.29 min Scan# 521

Delta R.T. -0.00 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

Instrument :

BNA_F

ClientSampleId :

PB93730BS

Tot Ion:136 Resp: 1143342

Ion Ratio Lower Upper

136 100

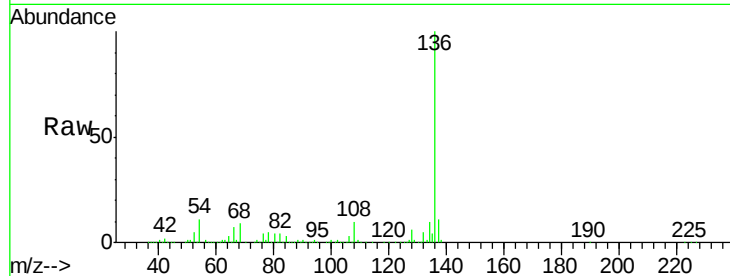
137 11.3 9.0 13.6

54 10.6 6.6 10.0#

68 9.1 5.0 7.6#

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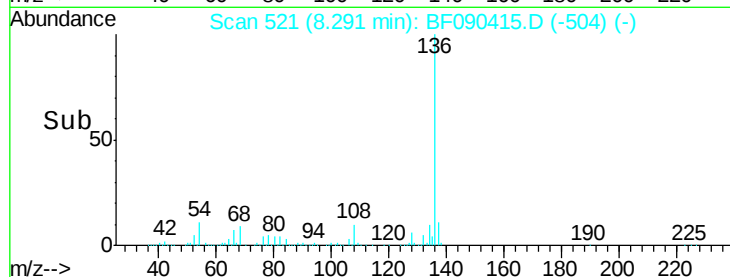


Abundance Ion 136.00 (135.70 to 136.70): E

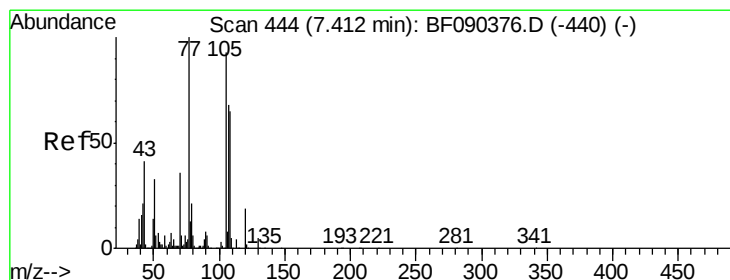
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 38.33 ng

RT: 7.41 min Scan# 444

Delta R.T. -0.00 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

Tgt Ion:105 Resp: 1037901

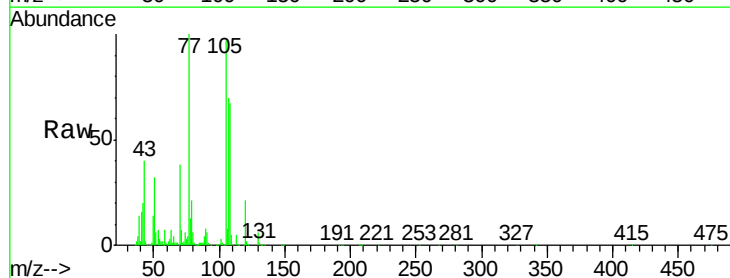
Ion Ratio Lower Upper

105 100

71 6.8 3.8 5.6#

51 32.7 28.2 42.4

120 21.2 17.4 26.2

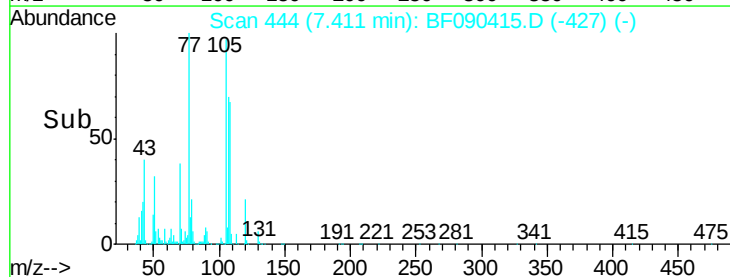


Abundance Ion 105.00 (104.70 to 105.70): E

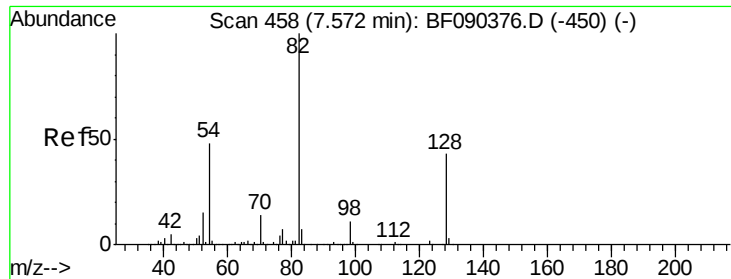
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->



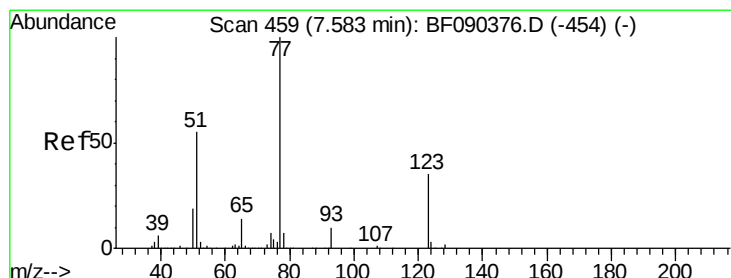
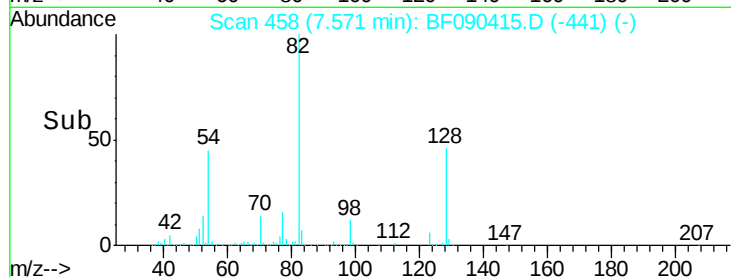
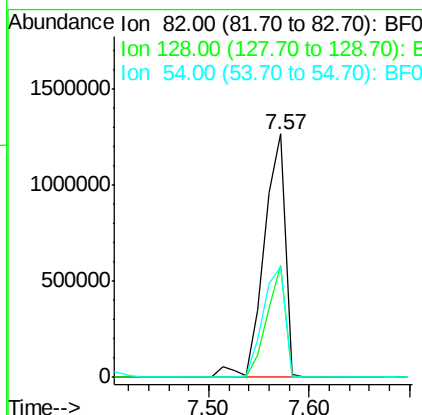
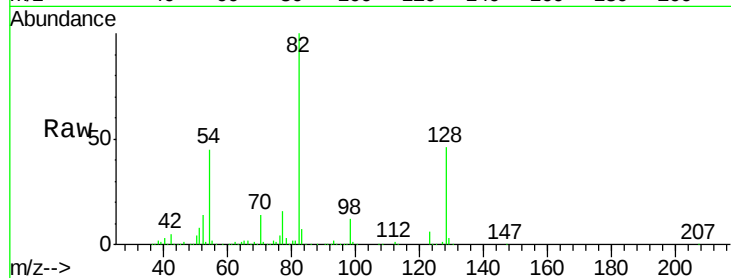
#23
Nitrobenzene-d5
Concen: 78.67 ng
RT: 7.57 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF090415.D
Acq: 6 Oct 2016 7:34

Instrument :
BNA_F
ClientSampleId :
PB93730BS

Tot Ion	82	Resp	1849166
Ion Ratio	100	Lower	Upper
82	100		
128	45.9	40.0	60.0
54	45.5	42.6	64.0

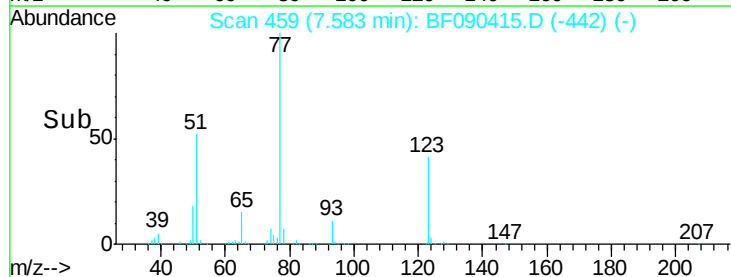
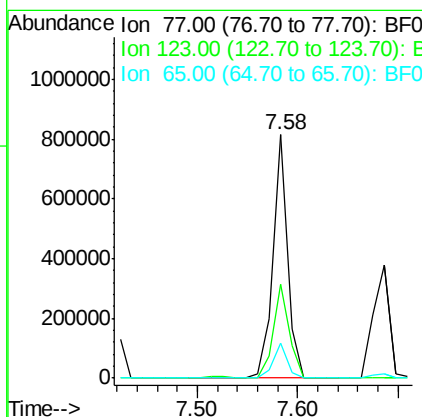
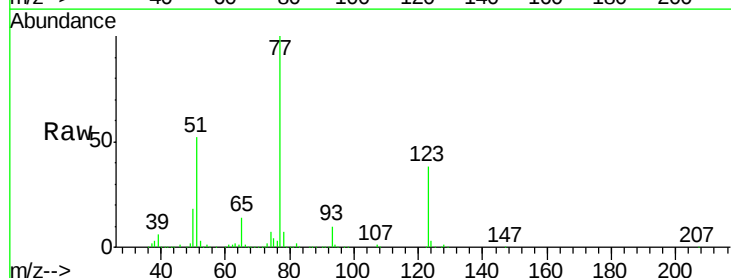
Manual Integrations
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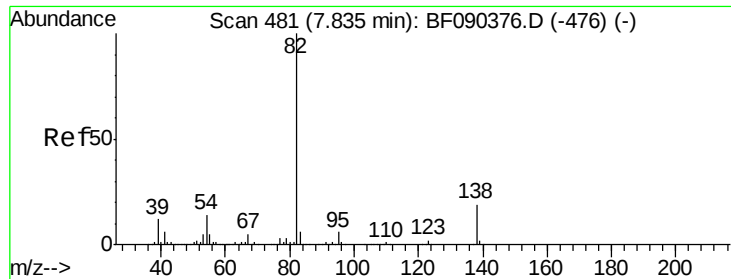
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#24
Nitrobenzene
Concen: 35.04 ng
RT: 7.58 min Scan# 459
Delta R.T. -0.00 min
Lab File: BF090415.D
Acq: 6 Oct 2016 7:34

Tgt Ion	77	Resp	817716
Ion Ratio	100	Lower	Upper
77	100		
123	38.3	33.0	49.4
65	14.2	12.0	18.0





#25

Isophorone

Concen: 37.23 ng

RT: 7.82 min Scan# 480

Delta R.T. -0.01 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

Instrument :

BNA_F

ClientSampleId :

PB93730BS

Tot Ion: 82 Resp: 1600059

Ion Ratio Lower Upper

82 100

95 6.2 5.2 7.8

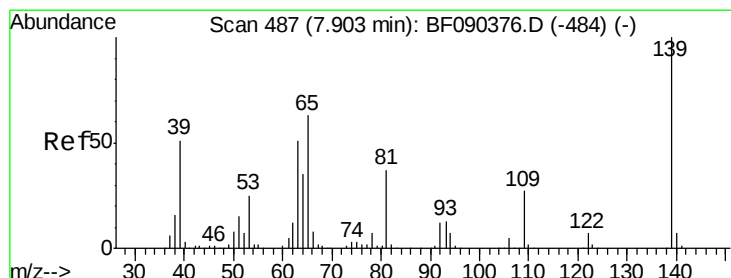
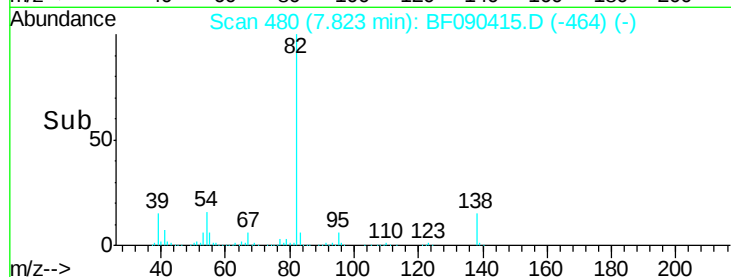
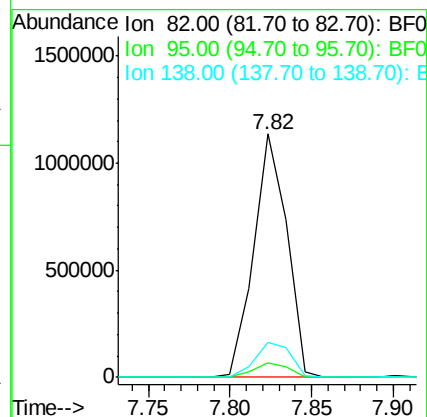
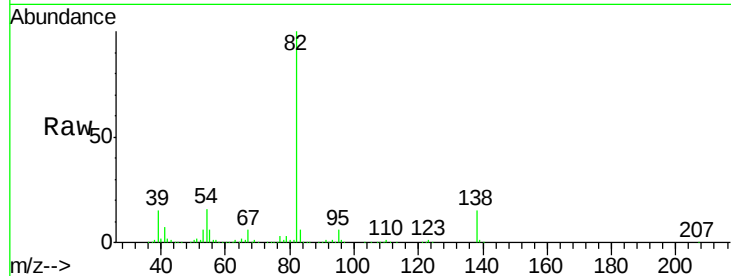
138 14.5 13.0 19.4

Manual Integrations

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#26

2-Nitrophenol

Concen: 38.33 ng

RT: 7.90 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

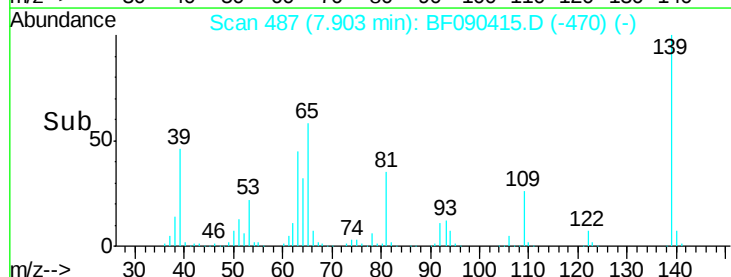
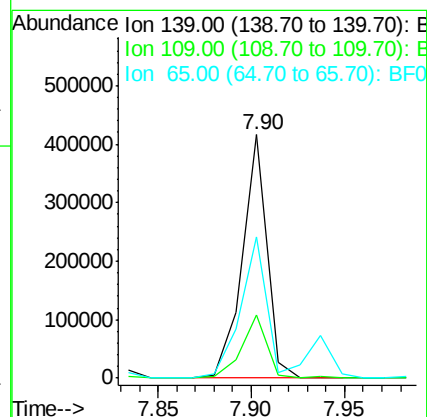
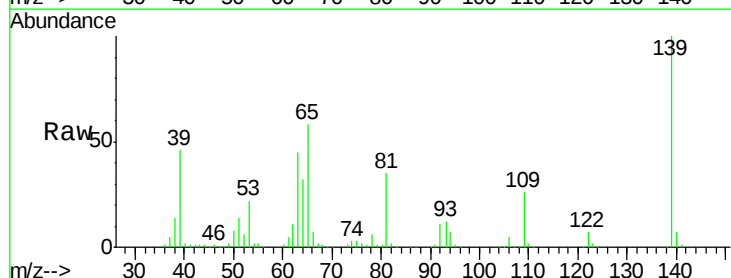
Tgt Ion: 139 Resp: 384935

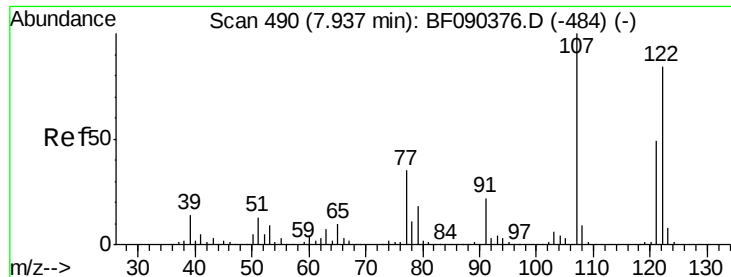
Ion Ratio Lower Upper

139 100

109 25.8 18.9 28.3

65 57.9 31.6 47.4#





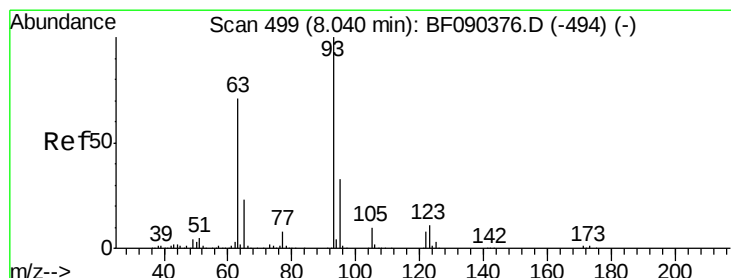
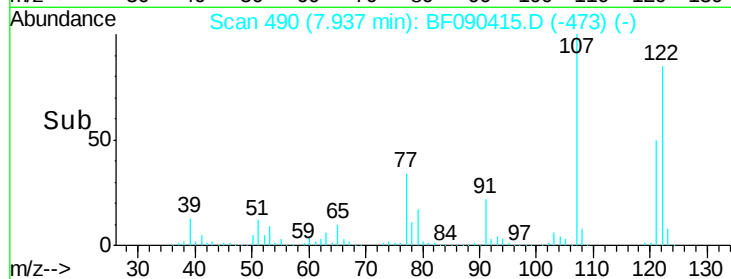
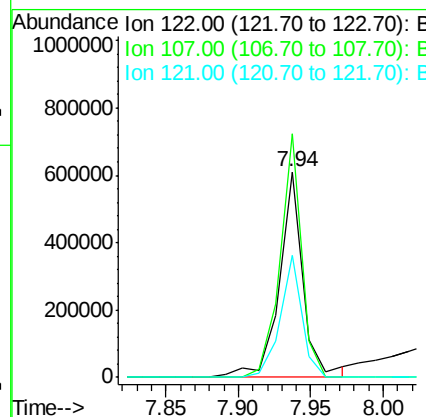
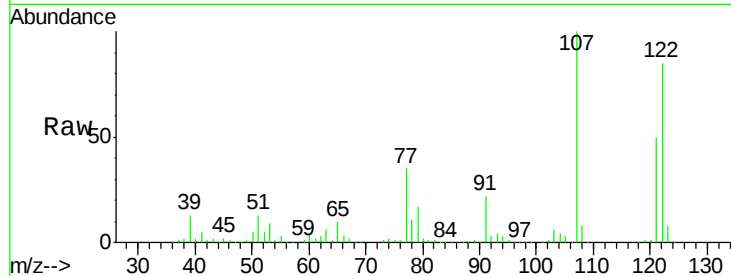
#27
 2,4-Dimethylphenol
 Concen: 35.61 ng
 RT: 7.94 min Scan# 490
 Delta R.T. -0.00 min
 Lab File: BF090415.D
 Acq: 6 Oct 2016 7:34

Instrument :
 BNA_F
 ClientSampled :
 PB93730BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	118.3	88.6	132.8
121	59.4	47.5	71.3

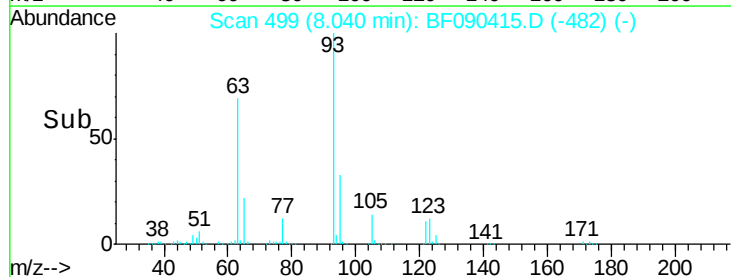
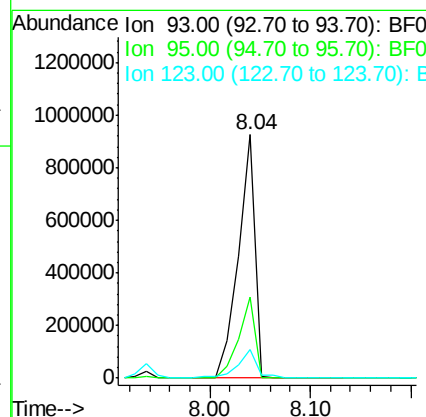
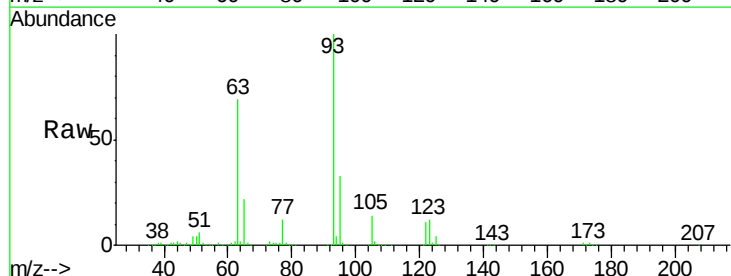
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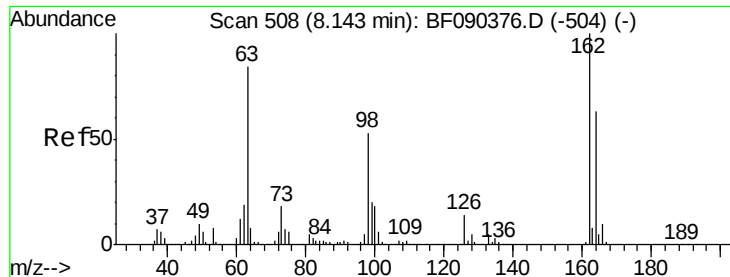
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#28
 bis(2-Chloroethoxy)methane
 Concen: 41.65 ng
 RT: 8.04 min Scan# 499
 Delta R.T. -0.00 min
 Lab File: BF090415.D
 Acq: 6 Oct 2016 7:34

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	27.0	40.4
123	11.9	11.1	16.7





#29

2,4-Dichlorophenol

Concen: 36.02 ng

RT: 8.14 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

Instrument :

BNA_F

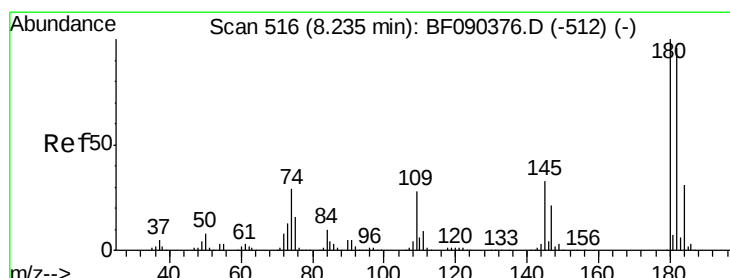
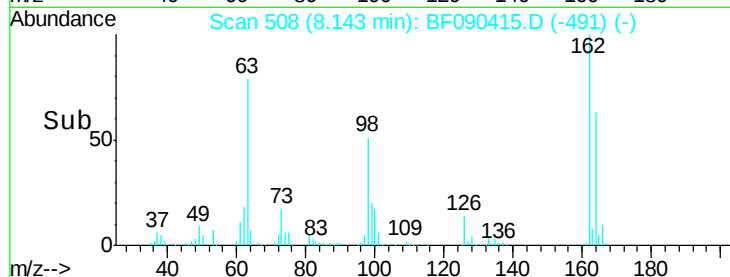
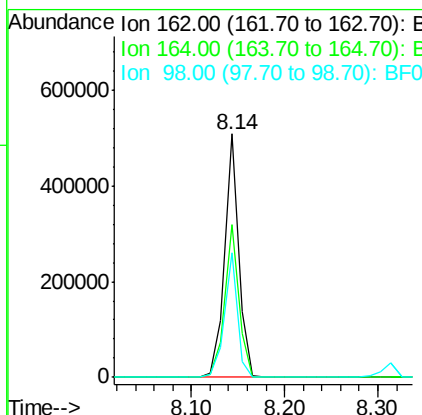
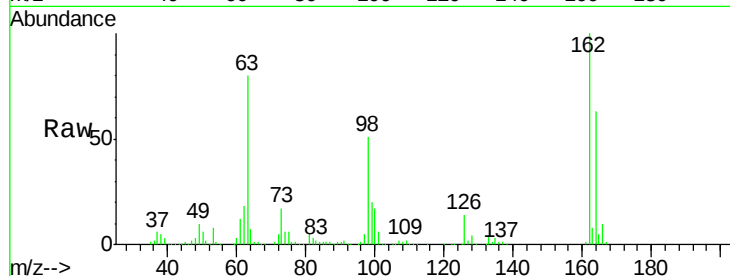
ClientSampleId :

PB93730BS

Tot Ion:	162	Resp:	534839
Ion Ratio	Lower	Upper	
162	100		
164	62.8	45.7	85.7
98	51.2	13.3	53.3

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#30

1,2,4-Trichlorobenzene

Concen: 40.09 ng

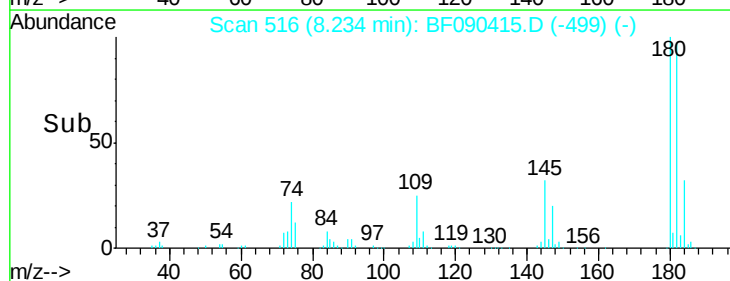
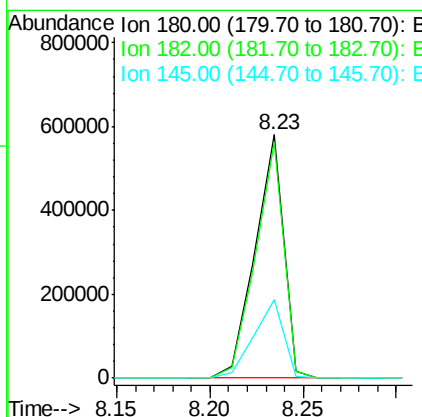
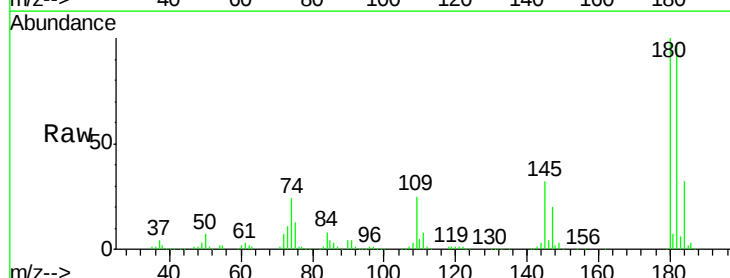
RT: 8.23 min Scan# 516

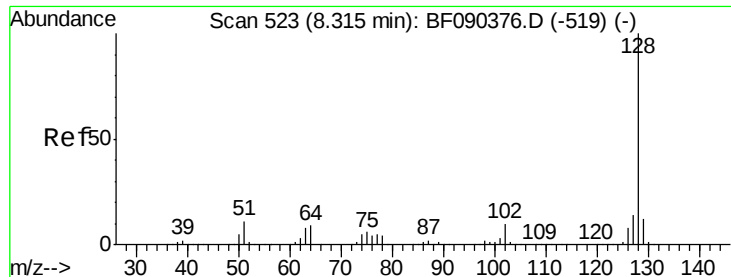
Delta R.T. -0.00 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

Tgt Ion:	180	Resp:	613623
Ion Ratio	Lower	Upper	
180	100		
182	96.9	75.3	112.9
145	32.1	27.7	41.5





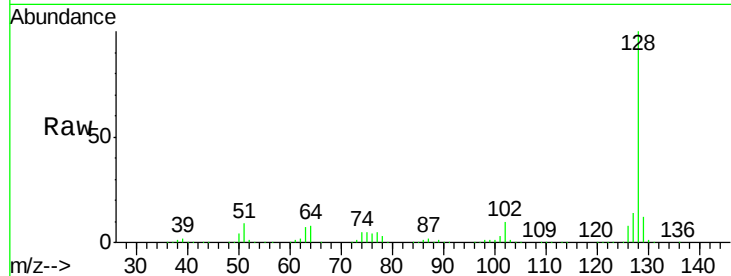
#31
Naphthalene
Concen: 37.89 ng
RT: 8.31 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF090415.D
Acq: 6 Oct 2016 7:34

Instrument :
BNA_F
ClientSampled :
PB93730BS

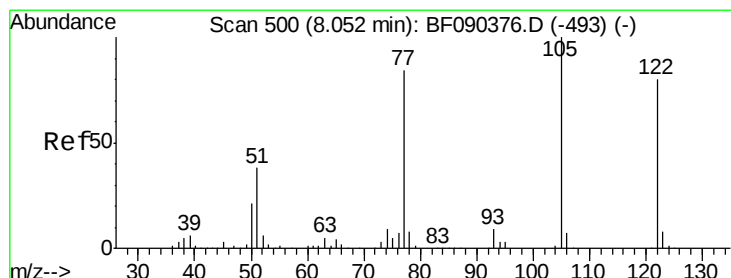
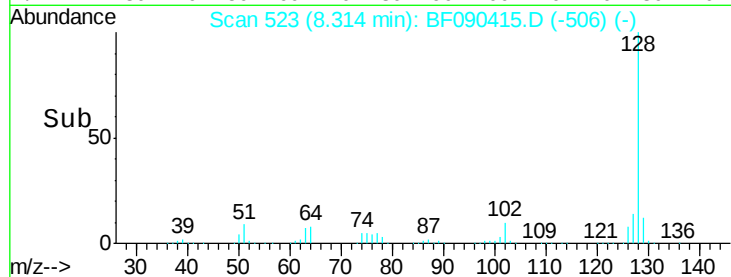
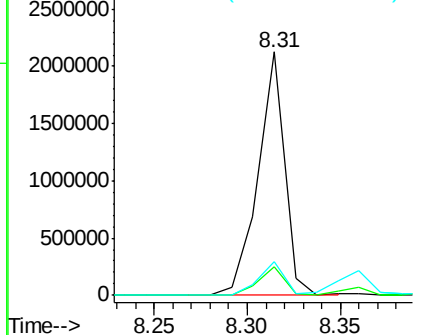
Tot Ion:128 Resp: 2089861
Ion Ratio Lower Upper
128 100
129 11.9 9.7 14.5
127 13.9 11.7 17.5

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10/6/2016 5:27:58 PM

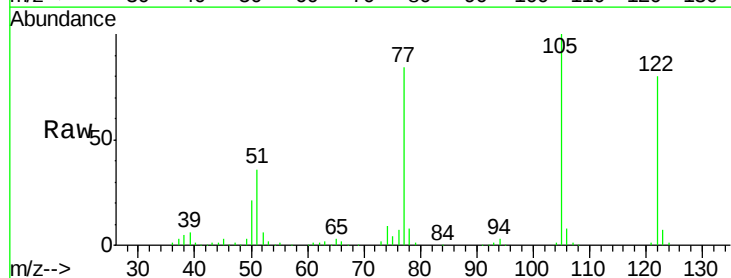


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

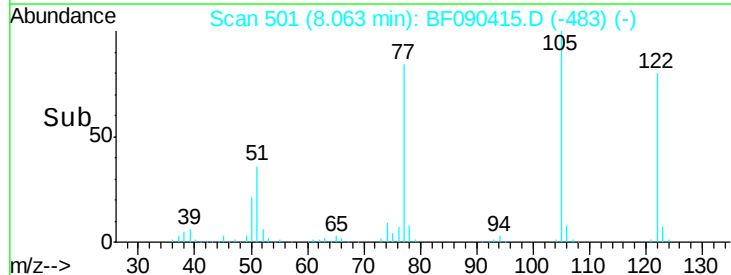
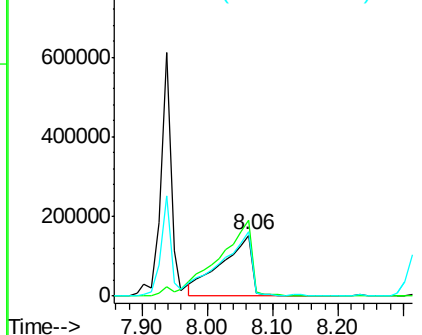


#32
Benzoic acid
Concen: 36.64 ng
RT: 8.06 min Scan# 501
Delta R.T. 0.01 min
Lab File: BF090415.D
Acq: 6 Oct 2016 7:34

Tgt Ion:122 Resp: 497511
Ion Ratio Lower Upper
122 100
105 125.1 103.9 143.9
77 105.0 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





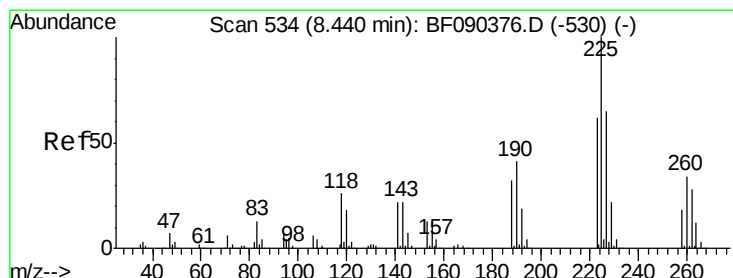
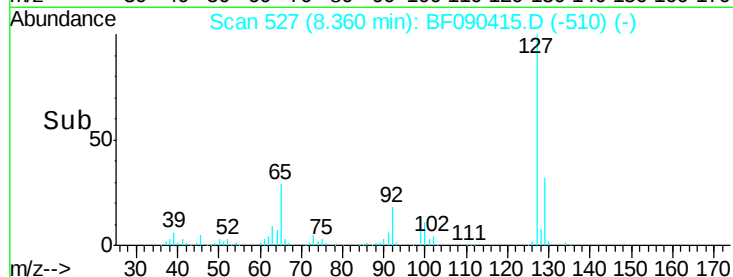
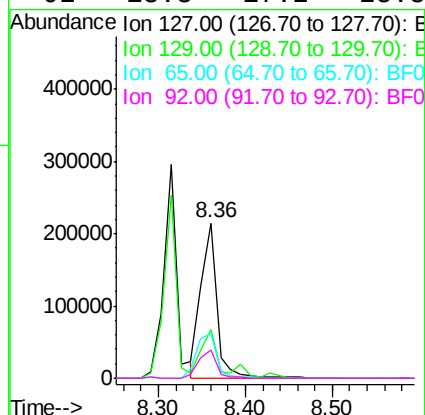
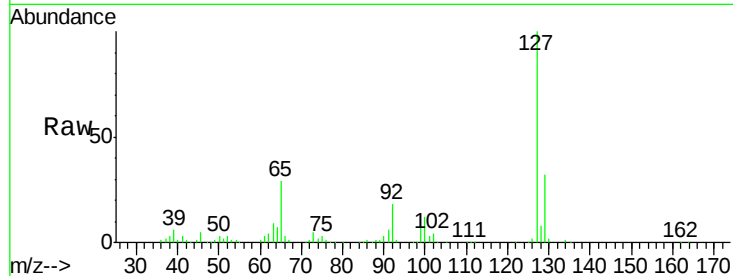
#33
4-Chloroaniline
Concen: 12.03 ng
RT: 8.36 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF090415.D
Acq: 6 Oct 2016 7:34

Instrument :
BNA_F
ClientSampleId :
PB93730BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.8	26.2	39.4		
65	28.5	32.5	48.7		
92	18.3	17.2	25.8		

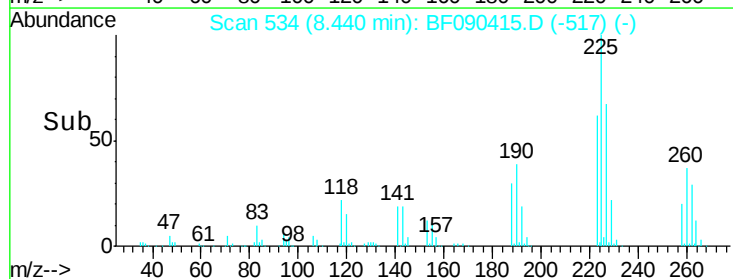
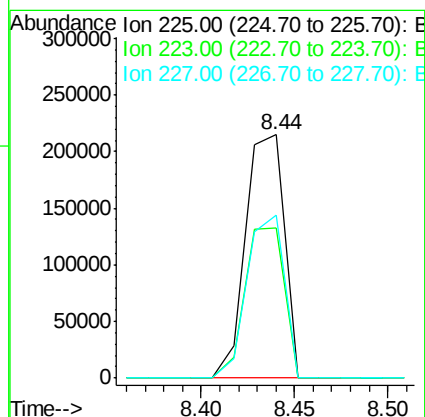
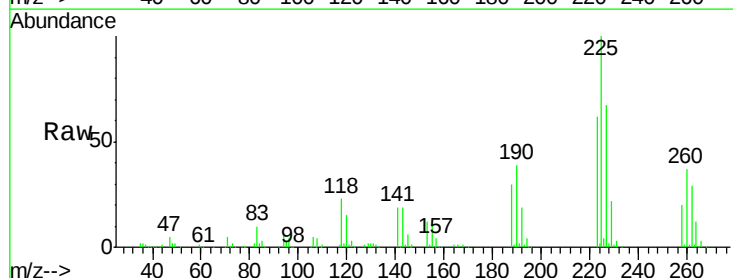
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10/6/2016 5:27:58 PM



#34
Hexachlorobutadiene
Concen: 36.10 ng
RT: 8.44 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF090415.D
Acq: 6 Oct 2016 7:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.7	51.0	76.4		
227	66.9	50.8	76.2		





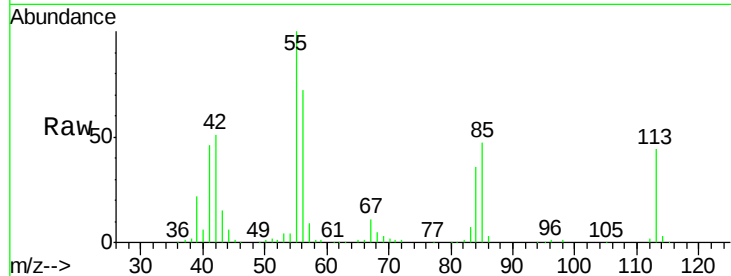
#35
 Caprolactam
 Concen: 37.72 ng/ml
 RT: 8.73 min Scan# 559
 Delta R.T. -0.01 min
 Lab File: BF090415.D
 Acq: 6 Oct 2016 7:34

Instrument :
 BNA_F
 ClientSampled :
 PB93730BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		188313		
55	229.8	203.3	243.3		
56	164.7	140.5	180.5		

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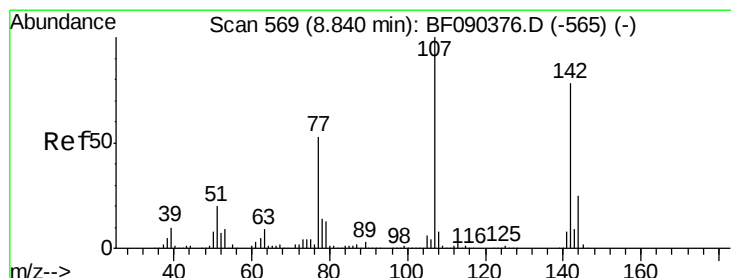
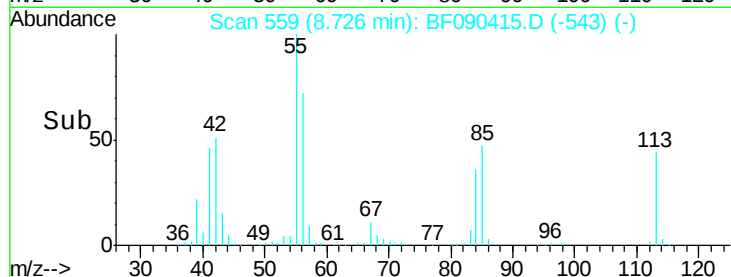
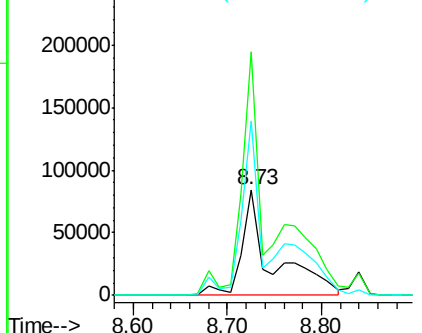


Abundance

Ion 113.00 (112.70 to 113.70): E

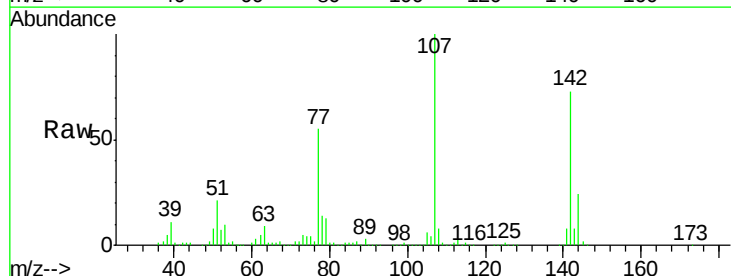
Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36
 4-Chloro-3-methylphenol
 Concen: 36.25 ng
 RT: 8.84 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: BF090415.D
 Acq: 6 Oct 2016 7:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		673952		
144	24.0	19.8	29.8		
142	73.0	60.7	91.1		

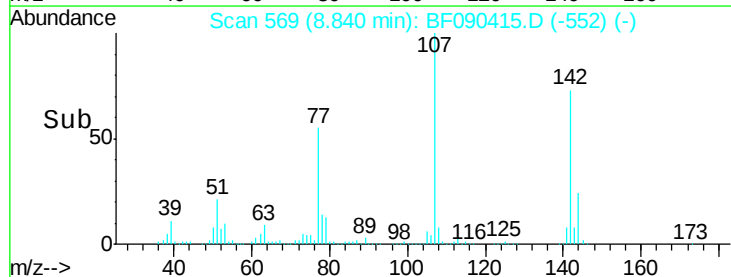
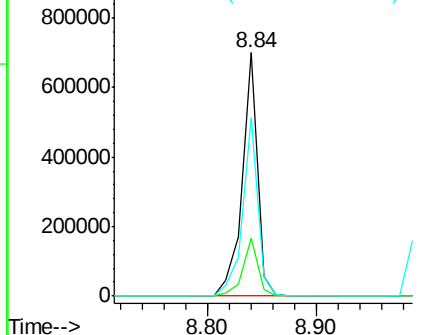


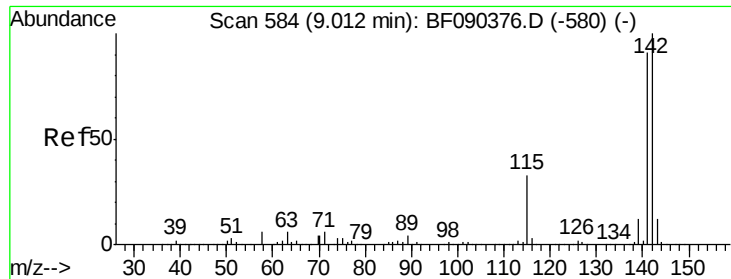
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





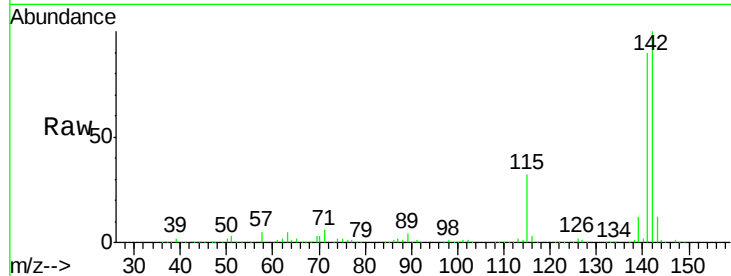
#37
2-Methylnaphthalene
Concen: 42.68 ng
RT: 9.01 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF090415.D
Acq: 6 Oct 2016 7:34

Instrument :
BNA_F
ClientSampleId :
PB93730BS

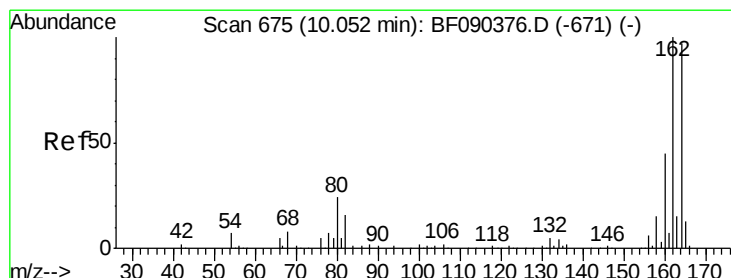
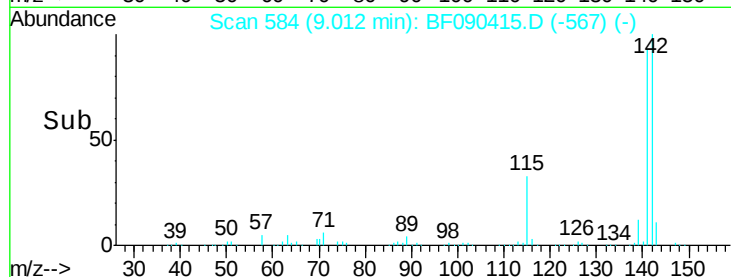
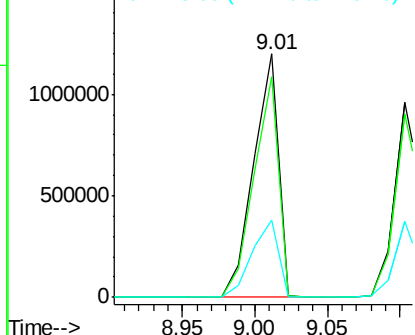
Tot Ion:142 Resp: 1424966
Ion Ratio Lower Upper
142 100
141 90.4 71.8 107.8
115 31.9 28.8 43.2

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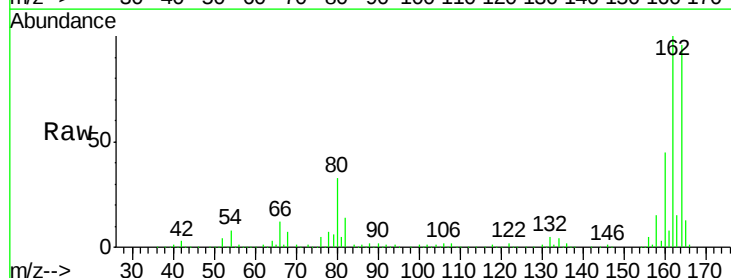


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

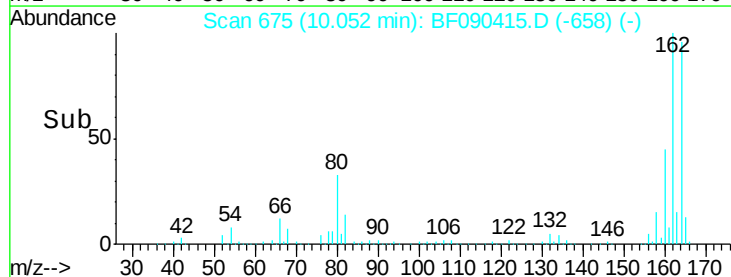
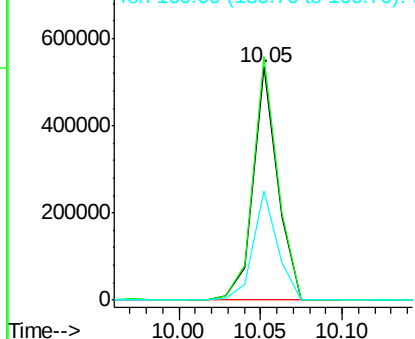


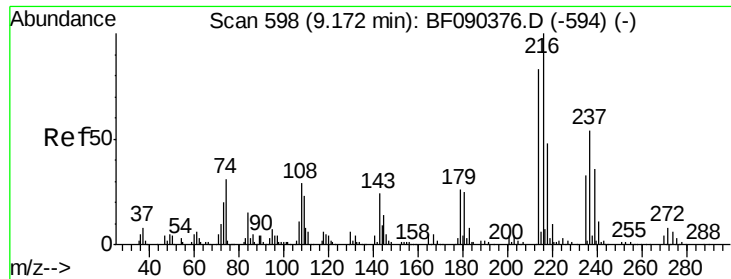
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.05 min Scan# 675
Delta R.T. -0.00 min
Lab File: BF090415.D
Acq: 6 Oct 2016 7:34

Tgt Ion:164 Resp: 556582
Ion Ratio Lower Upper
164 100
162 104.6 80.1 120.1
160 46.7 36.3 54.5



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





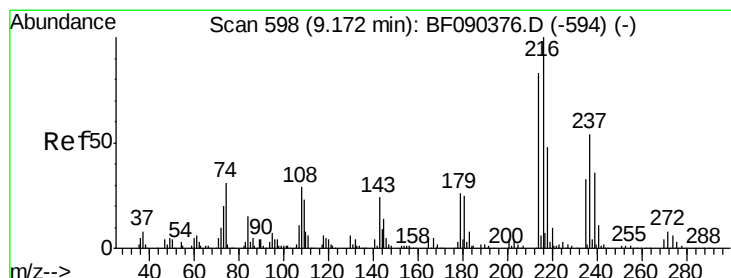
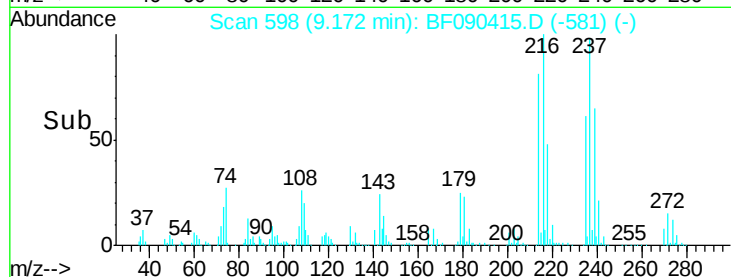
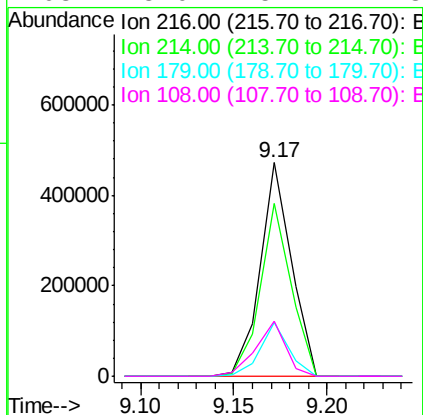
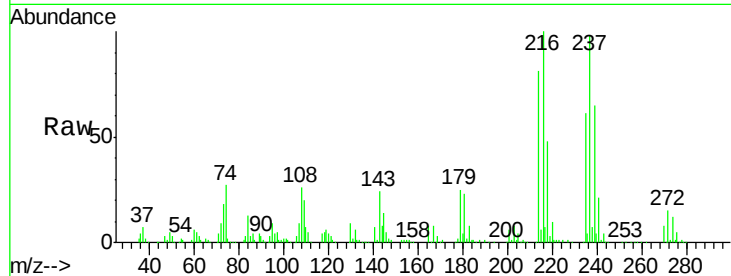
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.13 ng
 RT: 9.17 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: BF090415.D
 Acq: 6 Oct 2016 7:34

Instrument :
 BNA_F
 ClientSampleId :
 PB93730BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	544827		
214	80.0	64.2	96.2	
179	22.9	18.0	27.0	
108	25.0	15.2	22.8	

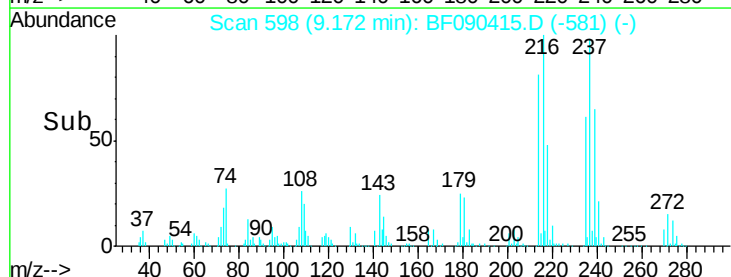
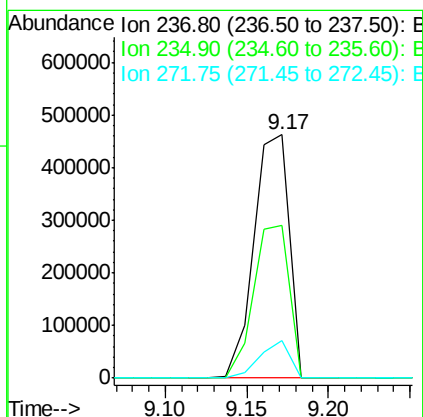
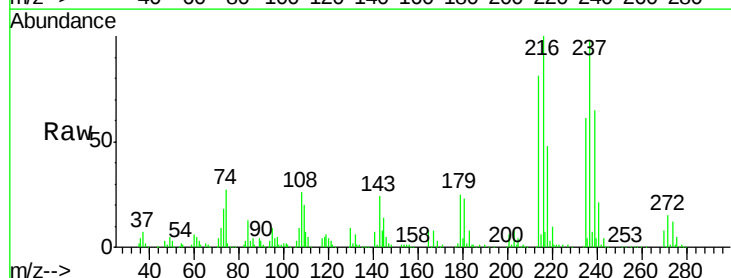
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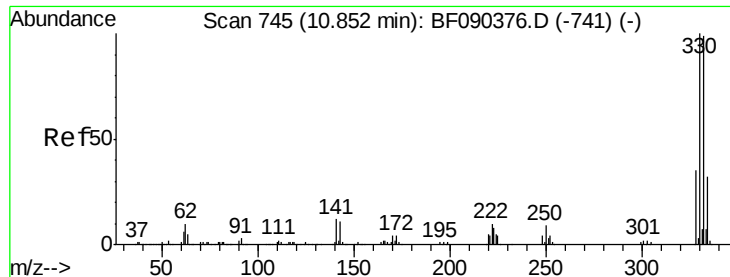
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#40
 Hexachlorocyclopentadiene
 Concen: 85.92 ng
 RT: 9.17 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: BF090415.D
 Acq: 6 Oct 2016 7:34

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	691075		
235	62.7	43.6	83.6	
272	15.3	0.0	32.7	





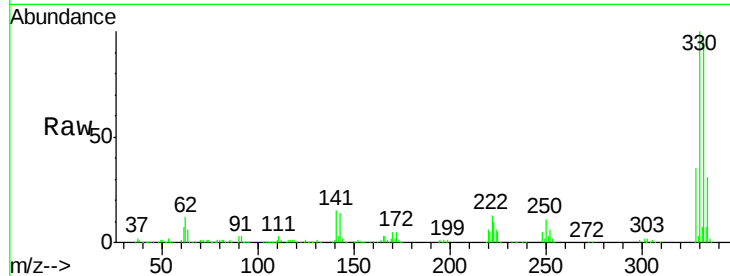
#41
 2,4,6-Tribromophenol
 Concen: 157.29 ng
 RT: 10.85 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: BF090415.D
 Acq: 6 Oct 2016 7:34

Instrument :
 BNA_F
 ClientSampleID :
 PB93730BS

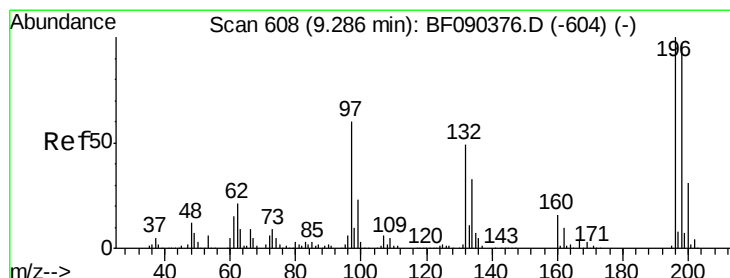
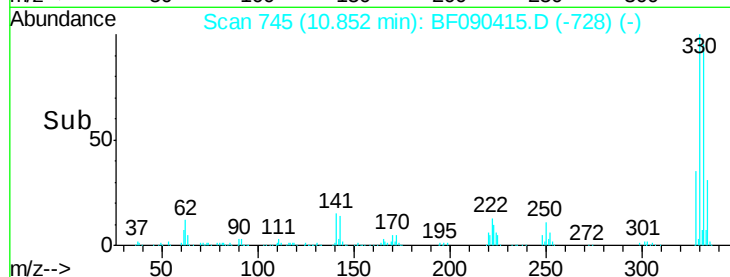
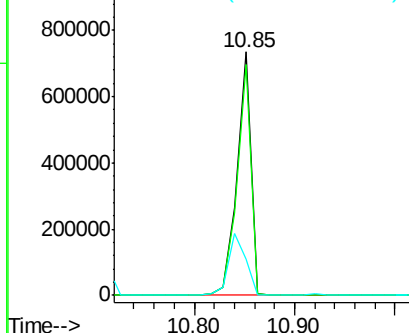
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.5	75.4	113.0	
141	31.6	26.9	40.3	

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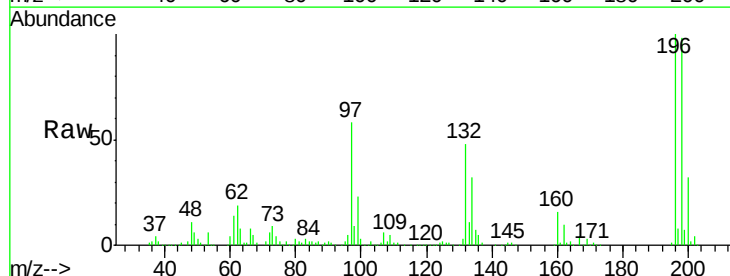


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

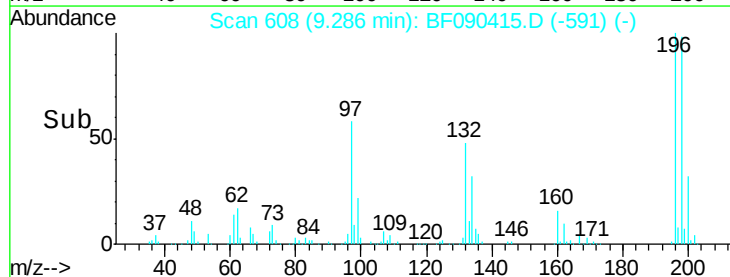
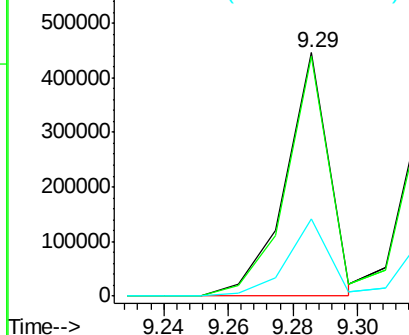


#42
 2,4,6-Trichlorophenol
 Concen: 41.35 ng m
 RT: 9.29 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF090415.D
 Acq: 6 Oct 2016 7:34

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	98.4	78.9	118.3	
200	31.7	25.4	38.2	



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





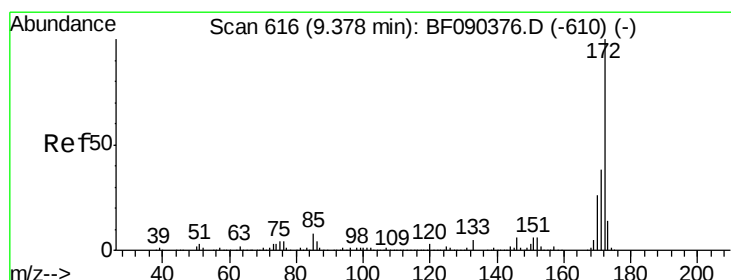
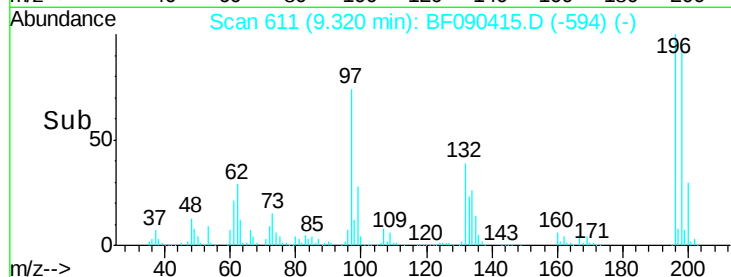
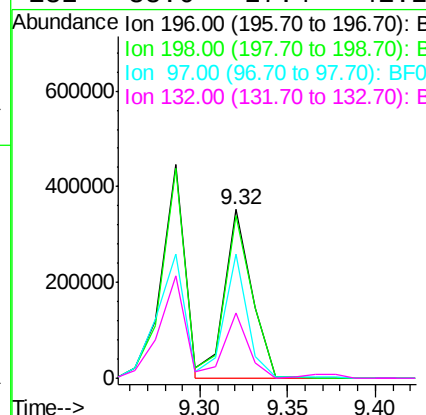
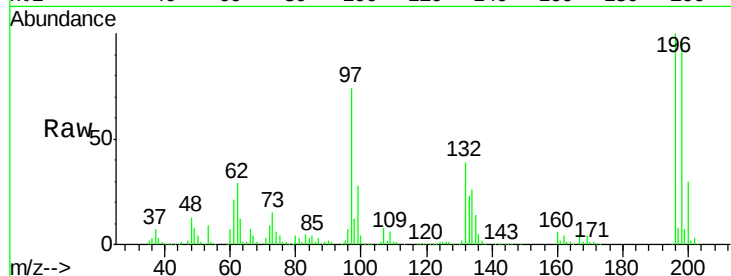
#43
 2,4,5-Trichlorophenol
 Concen: 40.00 ng/ml
 RT: 9.32 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF090415.D
 Acq: 6 Oct 2016 7:34

Instrument :
 BNA_F
 ClientSampleId :
 PB93730BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	382944		
198	96.7	78.1	117.1	
97	73.6	48.1	72.1	
132	38.6	27.4	41.2	

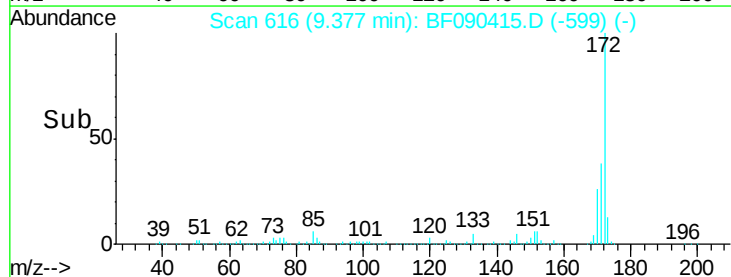
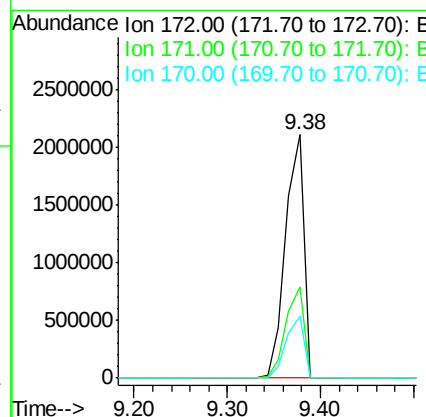
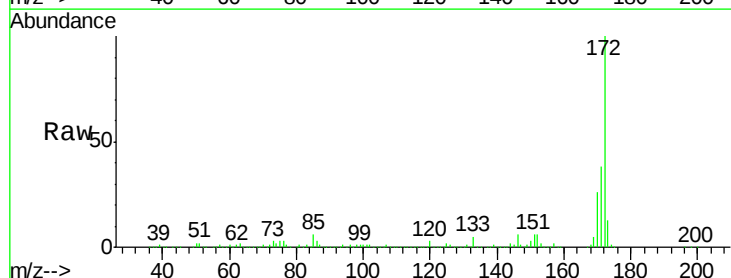
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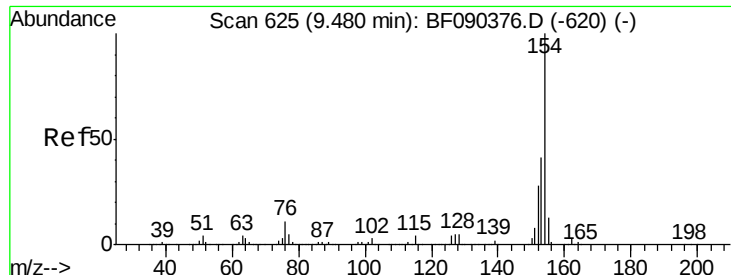
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#44
 2-Fluorobiphenyl
 Concen: 85.28 ng/ml
 RT: 9.38 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF090415.D
 Acq: 6 Oct 2016 7:34

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2848706		
171	37.6	31.8	47.8	
170	25.5	21.7	32.5	





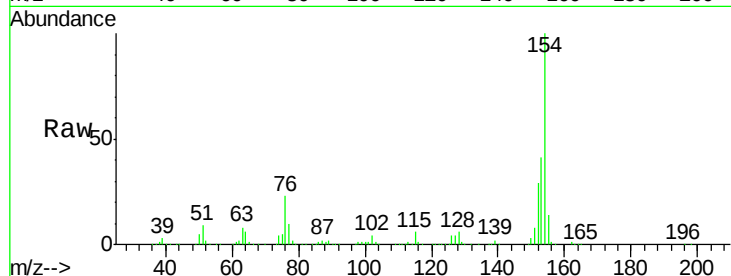
#45
1,1'-Biphenyl
Concen: 36.73 ng
RT: 9.47 min Scan# 624
Delta R.T. -0.01 min
Lab File: BF090415.D
Acq: 6 Oct 2016 7:34

Instrument :
BNA_F
ClientSampleId :
PB93730BS

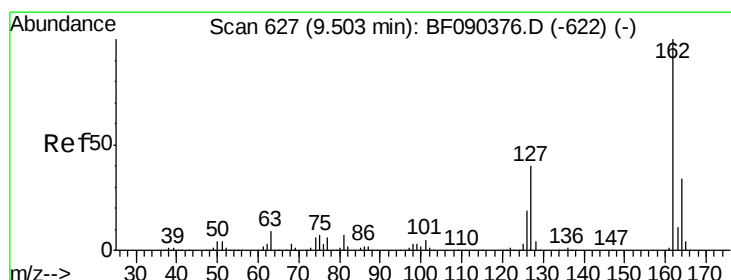
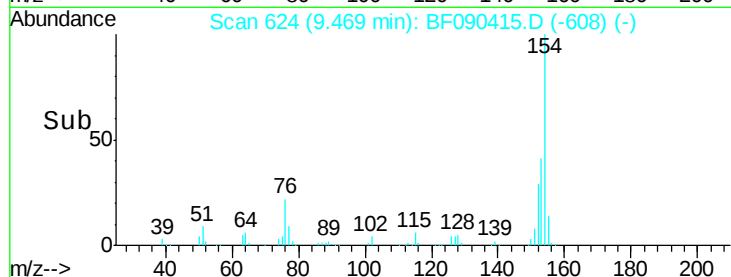
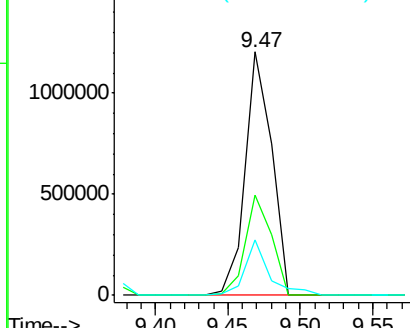
Tot Ion:154 Resp: 1514768
Ion Ratio Lower Upper
154 100
153 41.2 23.8 63.8
76 22.6 0.0 35.8

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10/6/2016 5:27:58 PM

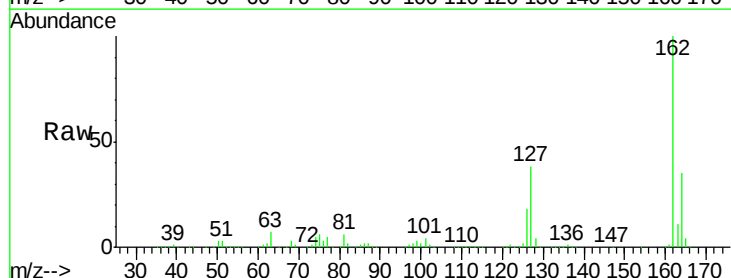


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

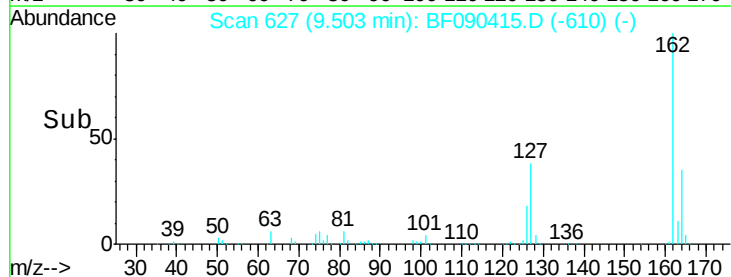
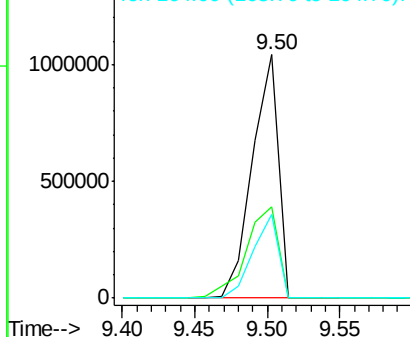


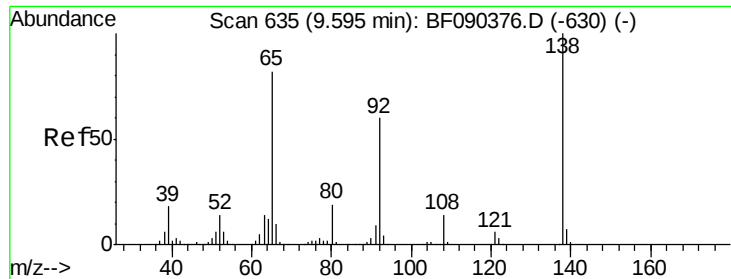
#46
2-Chloronaphthalene
Concen: 42.54 ng
RT: 9.50 min Scan# 627
Delta R.T. -0.00 min
Lab File: BF090415.D
Acq: 6 Oct 2016 7:34

Tgt Ion:162 Resp: 1296384
Ion Ratio Lower Upper
162 100
127 37.7 35.6 53.4
164 34.6 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





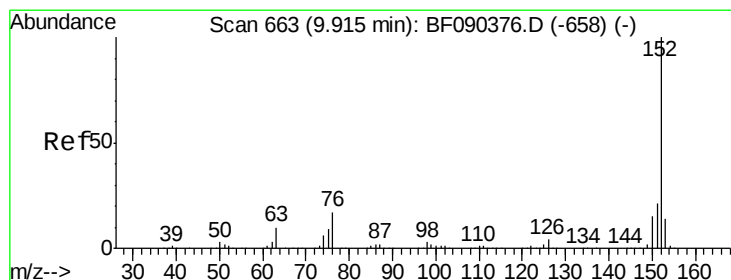
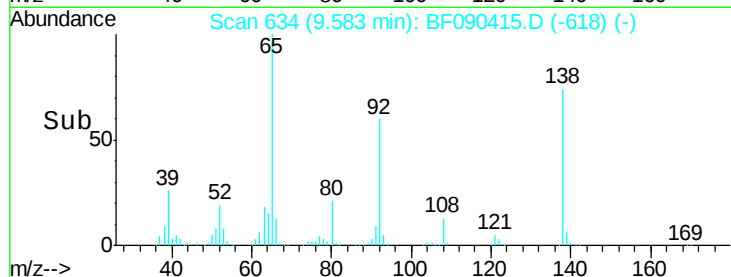
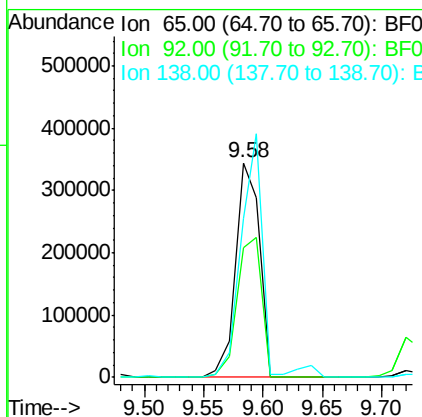
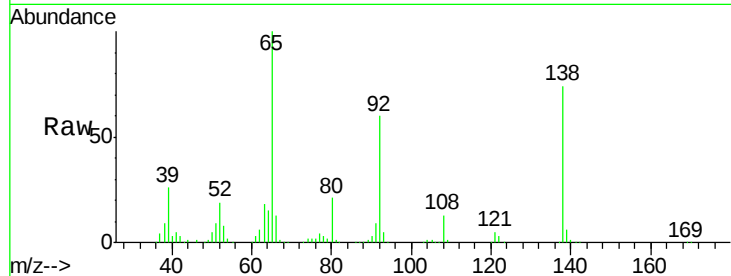
#47
2-Nitroaniline
Concen: 40.14 ng
RT: 9.58 min Scan# 634
Delta R.T. -0.01 min
Lab File: BF090415.D
Acq: 6 Oct 2016 7:34

Instrument :
BNA_F
ClientSampled :
PB93730BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	60.2	51.7	77.5
138	74.3	79.0	118.4

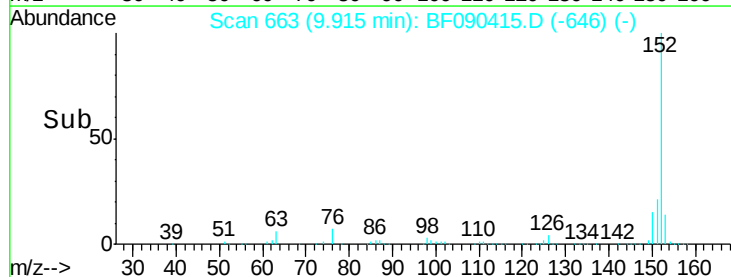
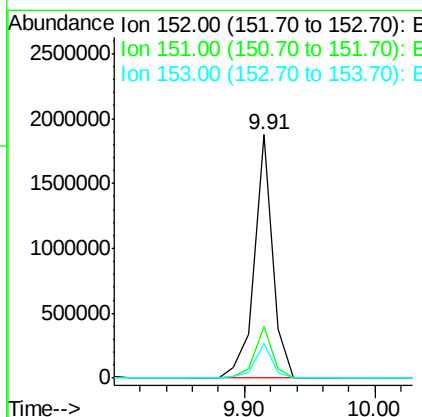
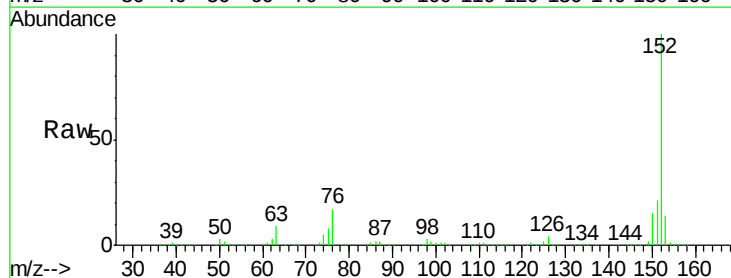
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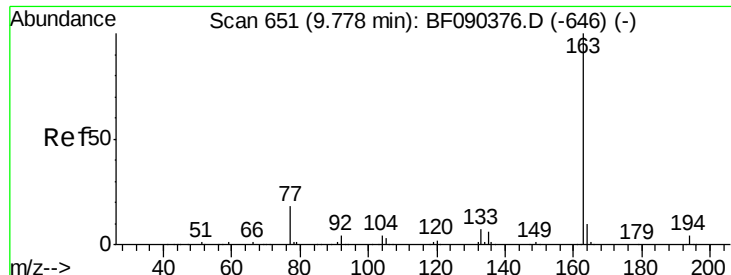
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#48
Acenaphthylene
Concen: 36.51 ng
RT: 9.91 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF090415.D
Acq: 6 Oct 2016 7:34

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.3	17.4	26.0
153	14.4	11.6	17.4





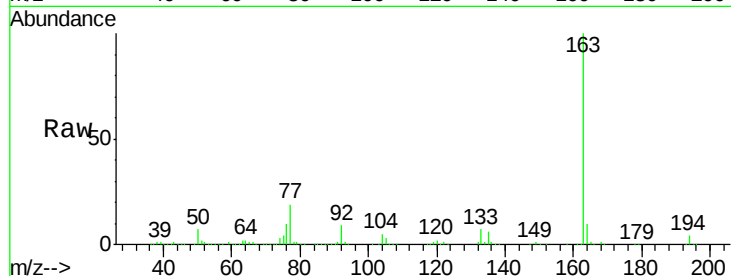
#49
Dimethylphthalate
Concen: 43.47 ng
RT: 9.78 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF090415.D
Acq: 6 Oct 2016 7:34

Instrument :
BNA_F
ClientSampleId :
PB93730BS

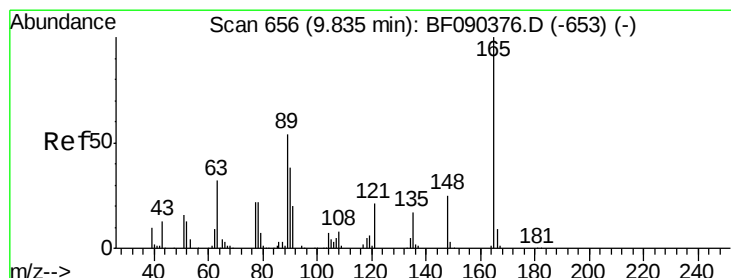
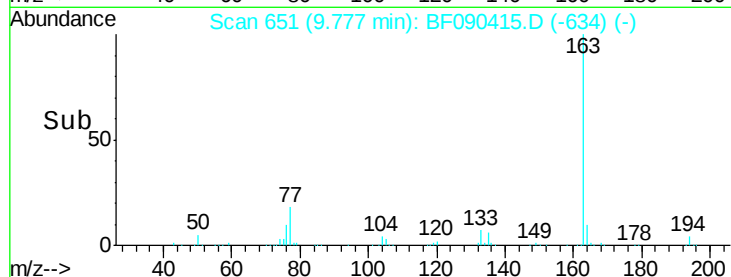
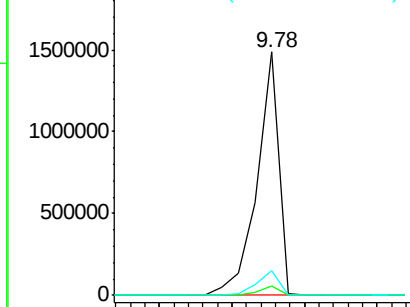
Tot Ion:163 Resp: 1549423
Ion Ratio Lower Upper
163 100
194 3.8 2.8 4.2
164 10.3 9.0 13.4

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10/6/2016 5:27:58 PM

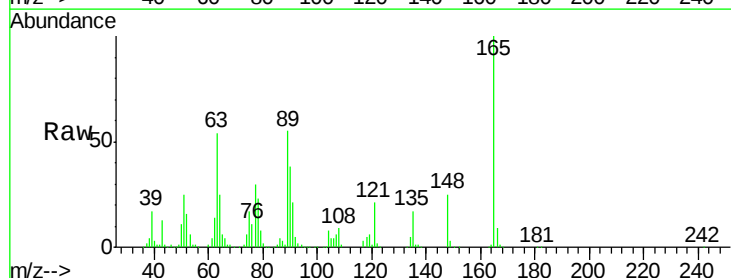


Abundance Ion 163.00 (162.70 to 163.70): E
2000000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

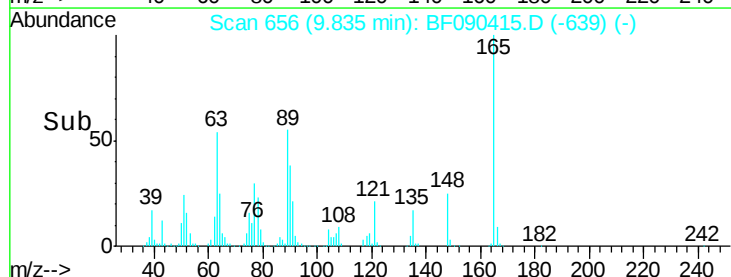
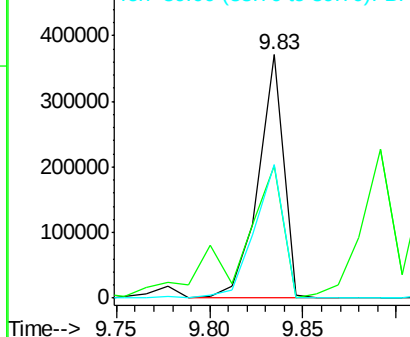


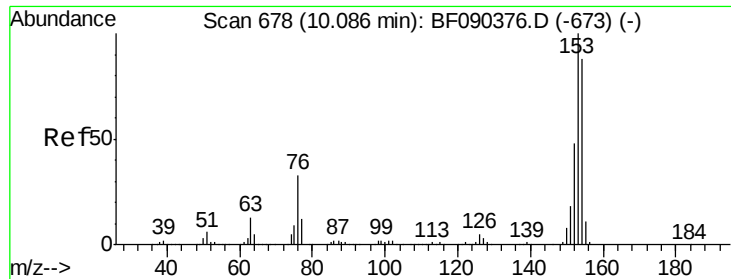
#50
2,6-Dinitrotoluene
Concen: 44.04 ng
RT: 9.83 min Scan# 656
Delta R.T. -0.00 min
Lab File: BF090415.D
Acq: 6 Oct 2016 7:34

Tgt Ion:165 Resp: 348534
Ion Ratio Lower Upper
165 100
63 54.3 58.0 87.0#
89 54.8 51.2 76.8



Abundance Ion 165.00 (164.70 to 165.70): E
500000 Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.52 ng

RT: 10.09 min Scan# 678

Delta R.T. -0.00 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

Instrument :

BNA_F

ClientSampled :

PB93730BS

Tot Ion:154 Resp: 1332914

Ion Ratio Lower Upper

154 100

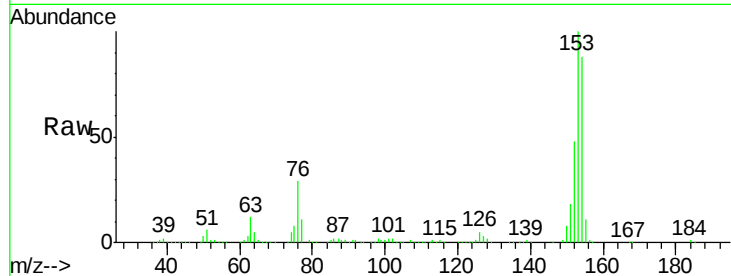
153 114.0 88.6 133.0

152 55.1 42.6 64.0

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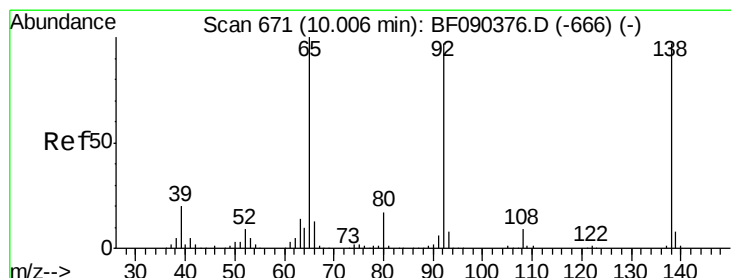
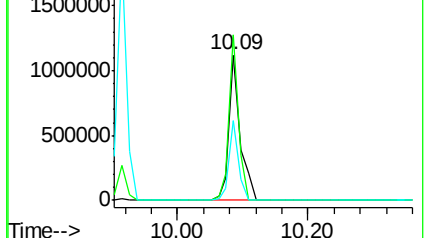
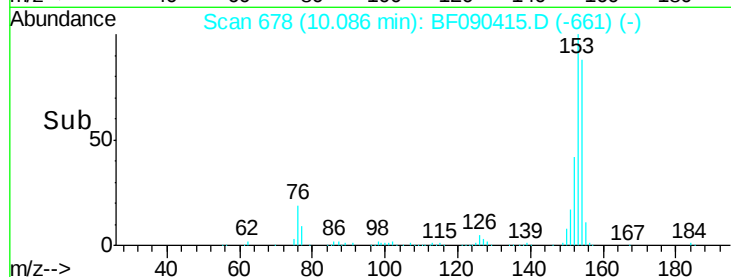
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 20.60 ng

RT: 9.99 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

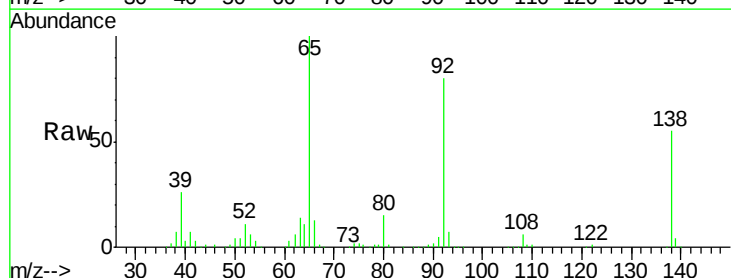
Tgt Ion:138 Resp: 190402

Ion Ratio Lower Upper

138 100

108 11.0 9.7 14.5

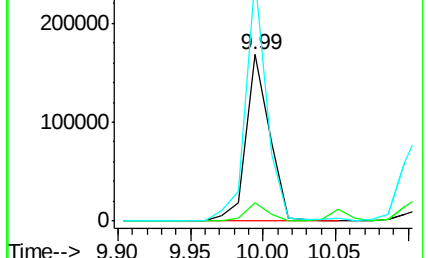
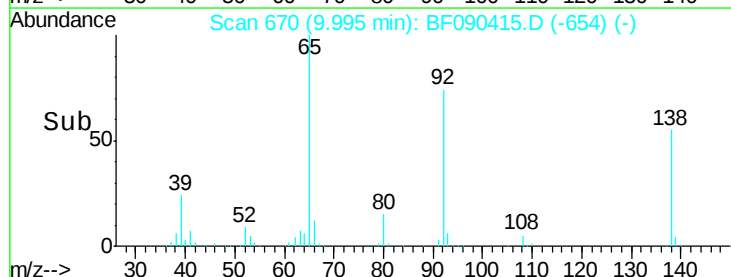
92 146.1 97.1 145.7#

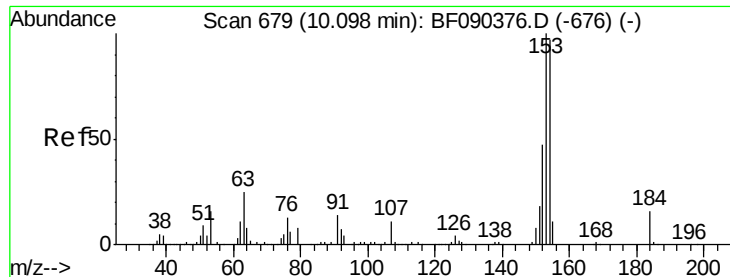


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





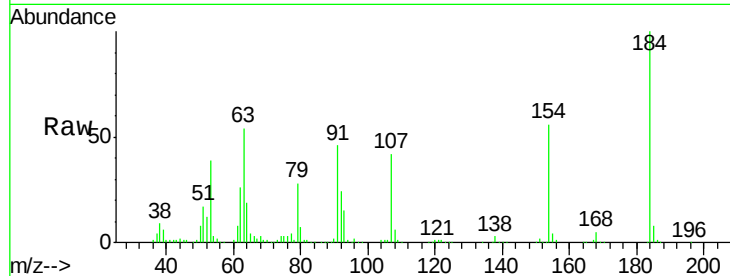
#53
2,4-Dinitrophenol
Concen: 107.68 ng
RT: 10.11 min Scan# 680
Delta R.T. 0.01 min
Lab File: BF090415.D
Acq: 6 Oct 2016 7:34

Instrument :
BNA_F
ClientSampled :
PB93730BS

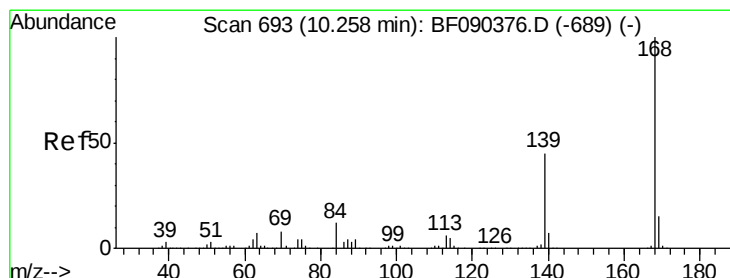
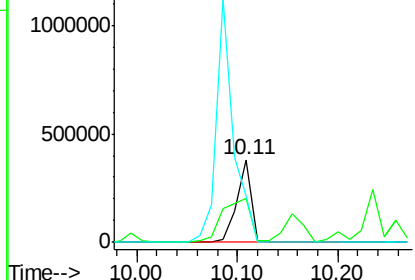
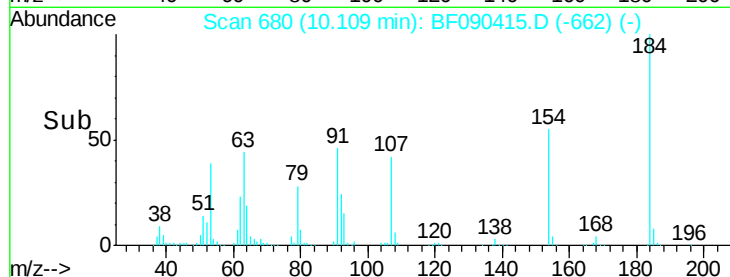
Tot Ion	Ratio	Resp	Lower	Upper
184	100	379942		
63	53.6	41.9	62.9	
154	56.3	48.9	73.3	

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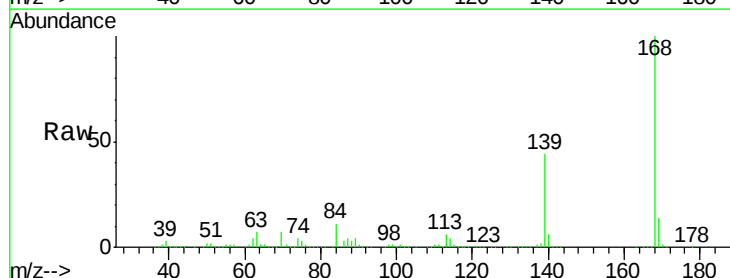


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

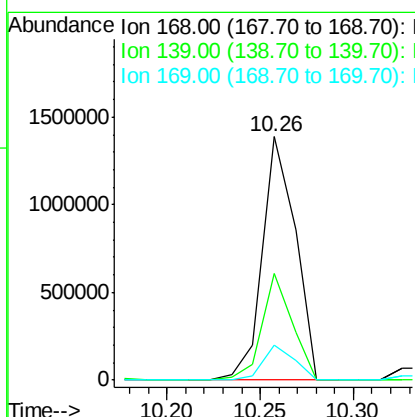
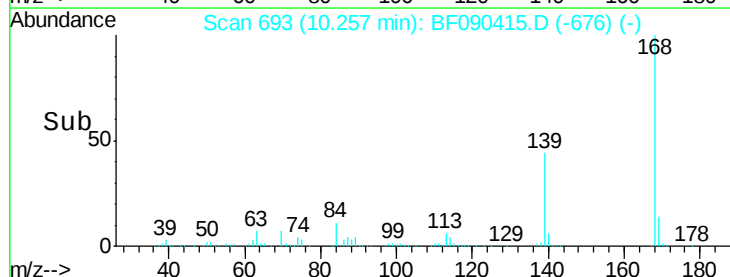


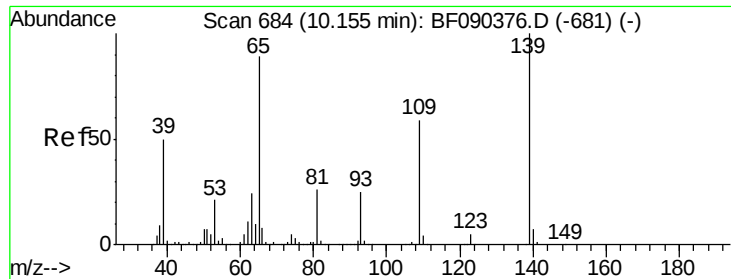
#54
Dibenzofuran
Concen: 41.82 ng
RT: 10.26 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF090415.D
Acq: 6 Oct 2016 7:34

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1697118		
139	43.8	29.6	44.4	
169	14.3	11.3	16.9	



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 86.28 ng

RT: 10.17 min Scan# 685

Delta R.T. 0.01 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

Instrument :

BNA_F

ClientSampled :

PB93730BS

Tot Ion:139 Resp: 697871

Ion Ratio Lower Upper

139 100

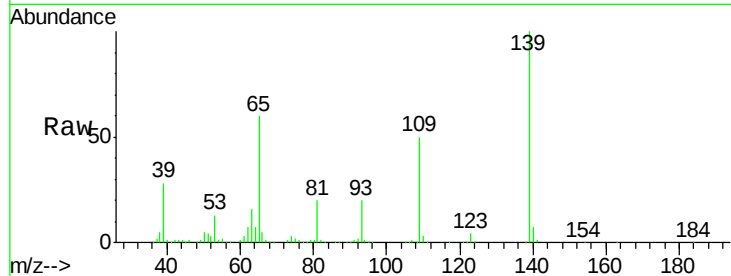
109 50.5 43.6 83.6

65 60.3 87.5 127.5#

Manual Integrations
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10/6/2016 5:27:58 PM

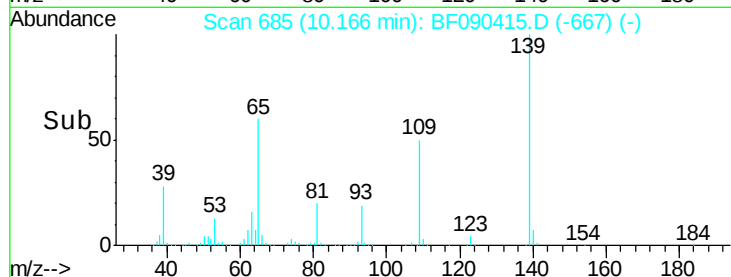


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

Time-->

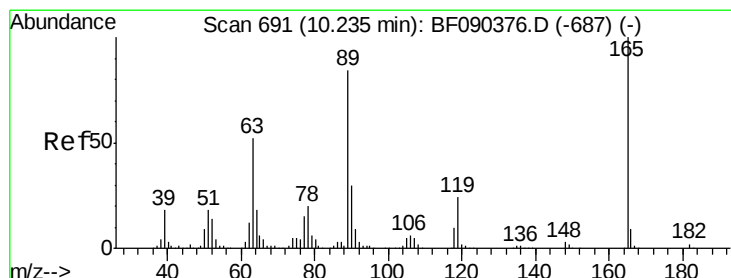


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

Time-->



#56

2,4-Dinitrotoluene

Concen: 38.40 ng

RT: 10.23 min Scan# 691

Delta R.T. -0.00 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

Tgt Ion:165 Resp: 404416

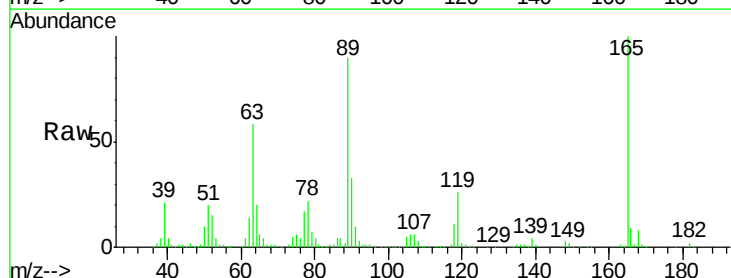
Ion Ratio Lower Upper

165 100

63 58.3 17.8 26.6#

89 89.7 33.2 49.8#

182 2.0 2.1 3.1#



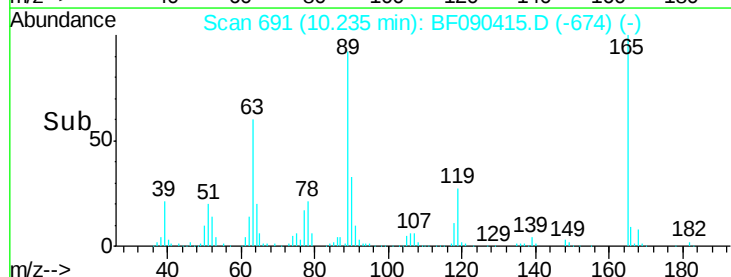
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 89.00 (88.70 to 89.70): E

Ion 182.00 (181.70 to 182.70): E

Time-->



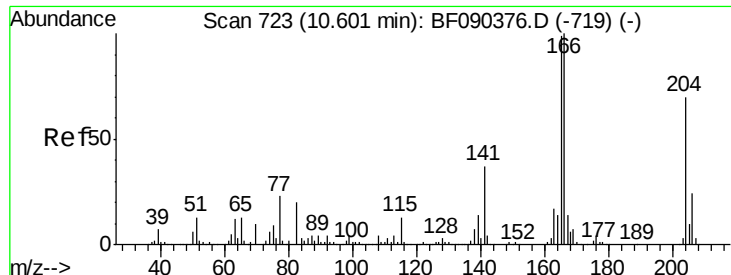
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 89.00 (88.70 to 89.70): E

Ion 182.00 (181.70 to 182.70): E

Time-->



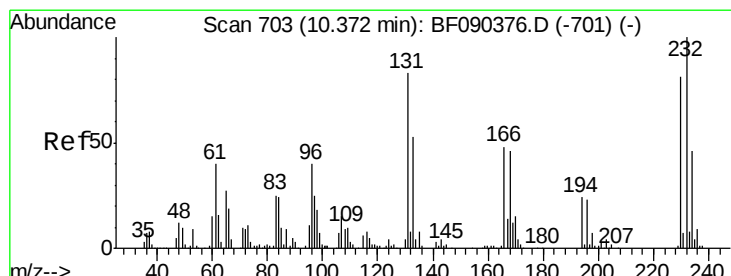
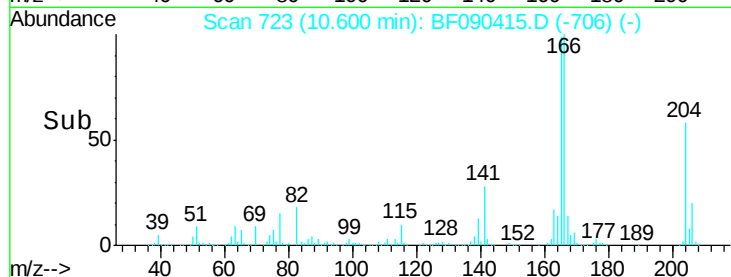
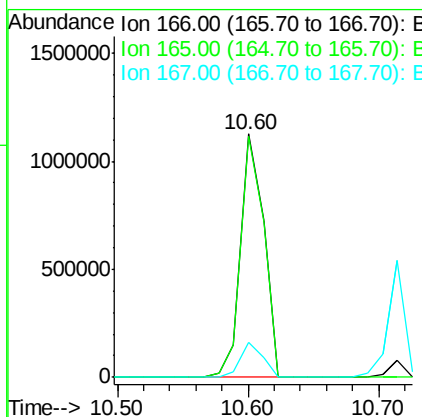
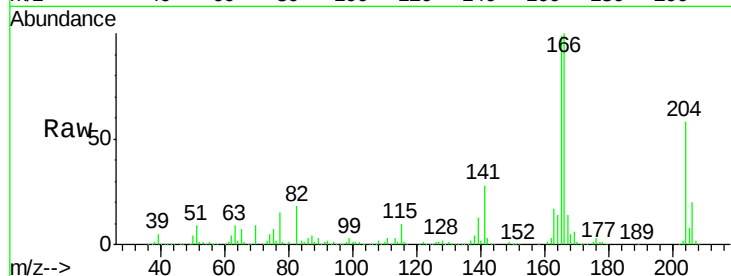
#57
Fluorene
 Concen: 40.73 ng
 RT: 10.60 min Scan# 723
 Delta R.T. -0.00 min
 Lab File: BF090415.D
 Acq: 6 Oct 2016 7:34

Instrument :
 BNA_F
 ClientSampled :
 PB93730BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.2	118.8
167	14.4	11.1	16.7

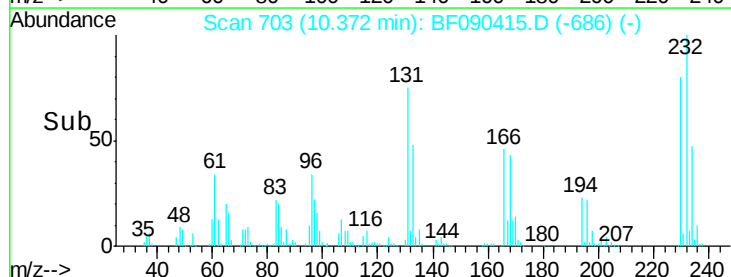
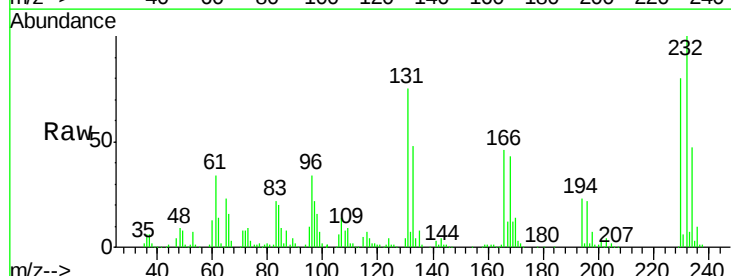
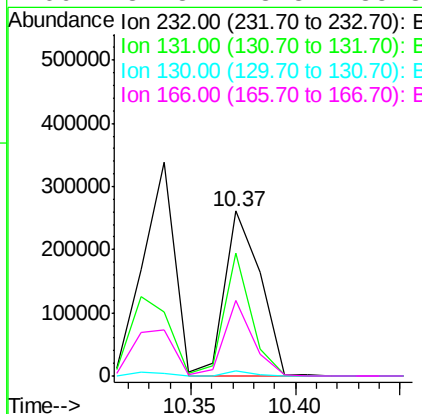
Manual Integrations
 APPROVED

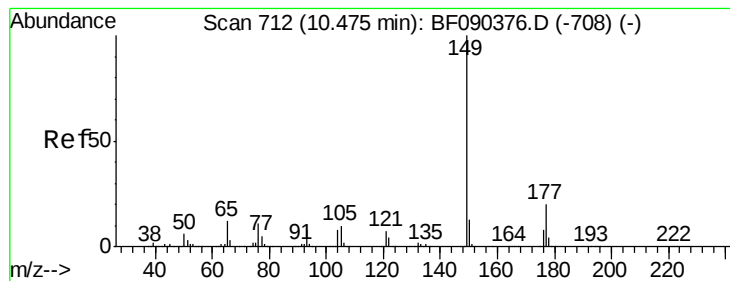
SOHIL
 10/6/2016 5:27:58 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 43.19 ng m
 RT: 10.37 min Scan# 703
 Delta R.T. -0.00 min
 Lab File: BF090415.D
 Acq: 6 Oct 2016 7:34

Tgt Ion	Ratio	Lower	Upper
232	100		
131	53.6	34.5	51.7#
130	2.7	1.6	2.4#
166	32.8	23.8	35.8





#59

Diethylphthalate

Concen: 39.74 ng

RT: 10.47 min Scan# 712

Delta R.T. -0.00 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

Instrument :

BNA_F

ClientSampleId :

PB93730BS

Tot Ion:149 Resp: 1465849

Ion Ratio Lower Upper

149 100

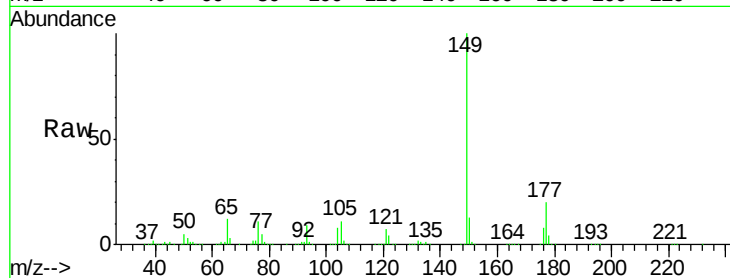
177 20.4 21.1 31.7#

150 13.0 10.2 15.2

Manual Integrations
APPROVED

SOHIL

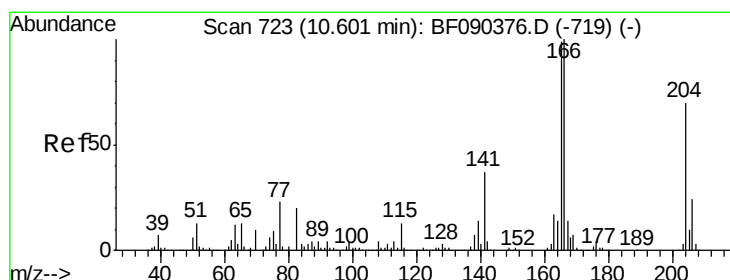
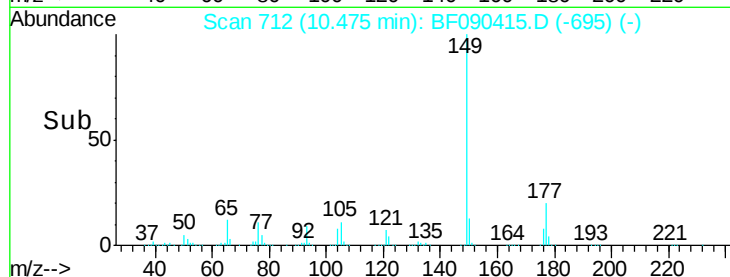
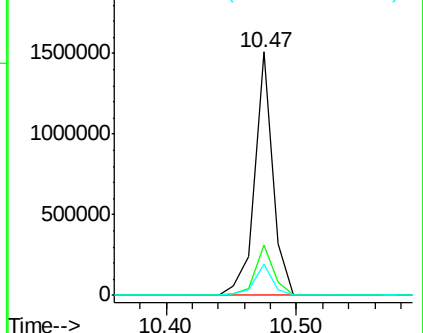
10/6/2016 5:27:58 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 44.30 ng

RT: 10.60 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

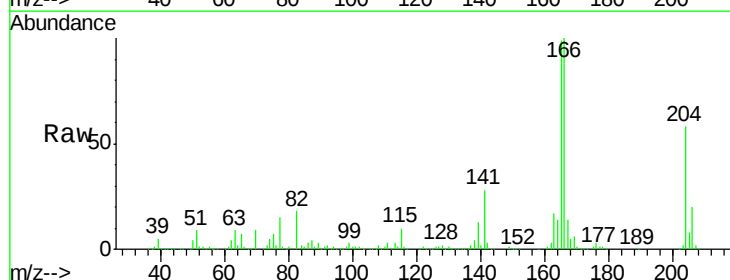
Tgt Ion:204 Resp: 686948

Ion Ratio Lower Upper

204 100

206 34.6 26.7 40.1

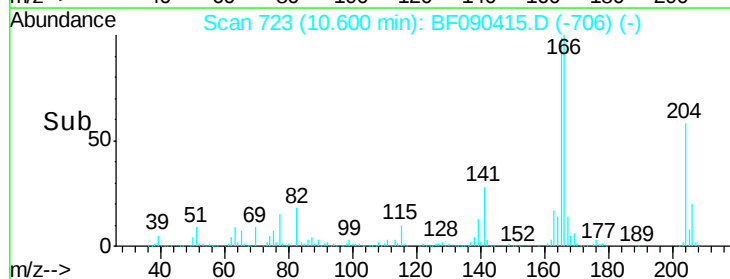
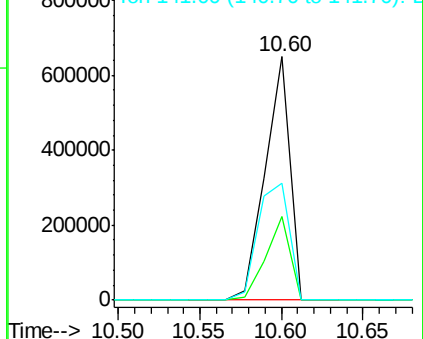
141 48.2 51.7 77.5#

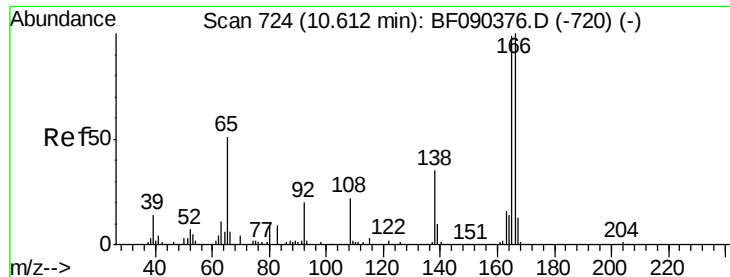


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





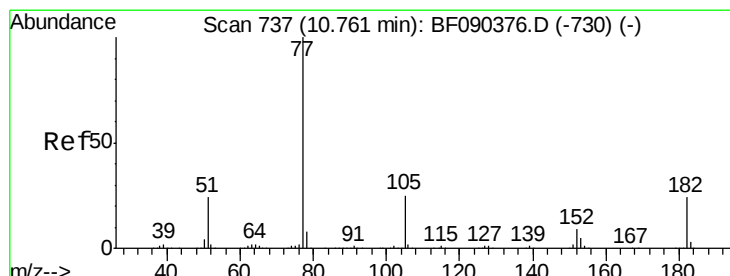
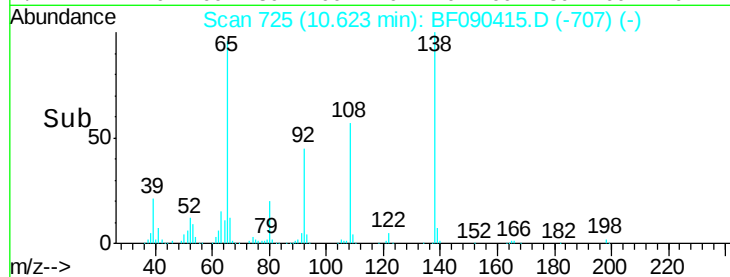
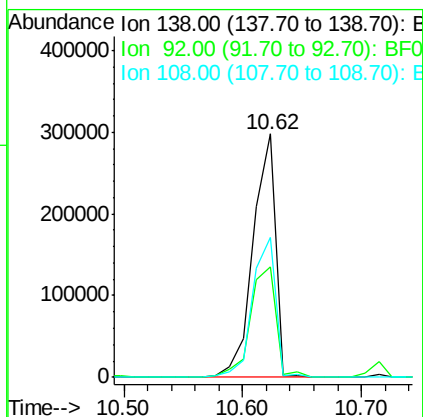
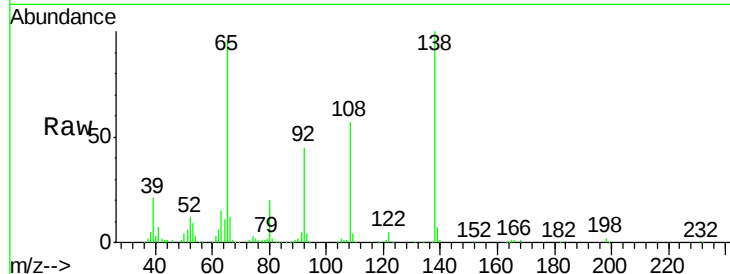
#61
4-Nitroaniline
Concen: 42.42 ng
RT: 10.62 min Scan# 725
Delta R.T. 0.01 min
Lab File: BF090415.D
Acq: 6 Oct 2016 7:34

Instrument :
BNA_F
ClientSampleId :
PB93730BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	395109		
92	45.3	33.2	73.2	
108	57.4	48.5	88.5	

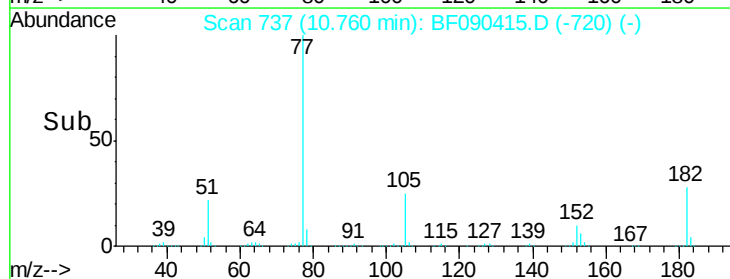
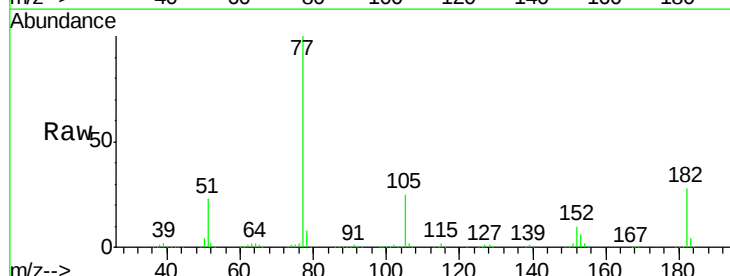
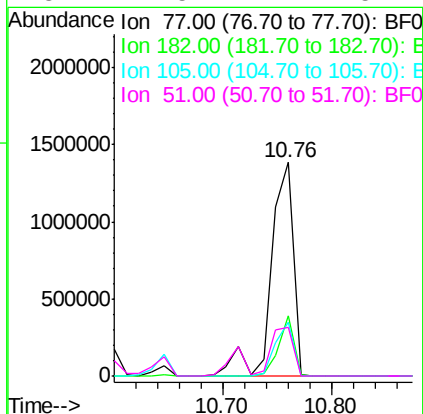
Manual Integrations
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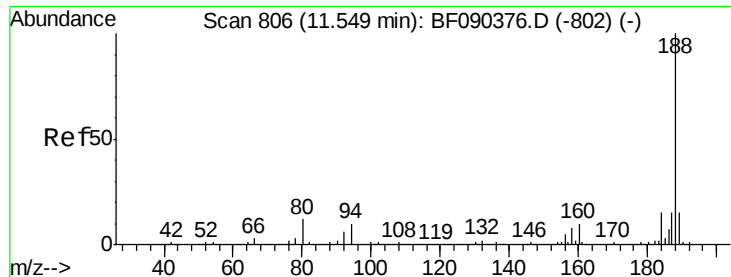
SOHIL
10/6/2016 5:27:58 PM



#62
Azobenzene
Concen: 46.22 ng
RT: 10.76 min Scan# 737
Delta R.T. -0.00 min
Lab File: BF090415.D
Acq: 6 Oct 2016 7:34

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1968963		
182	28.4	3.2	43.2	
105	25.4	2.9	42.9	
51	22.5	14.2	54.2	





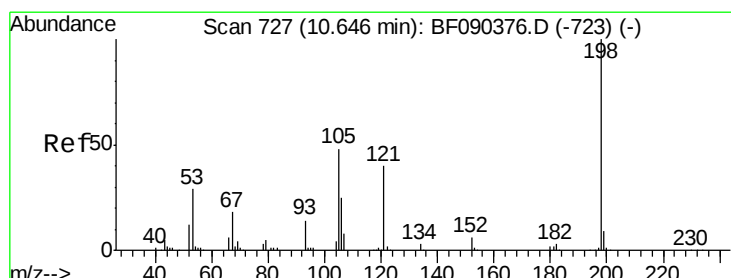
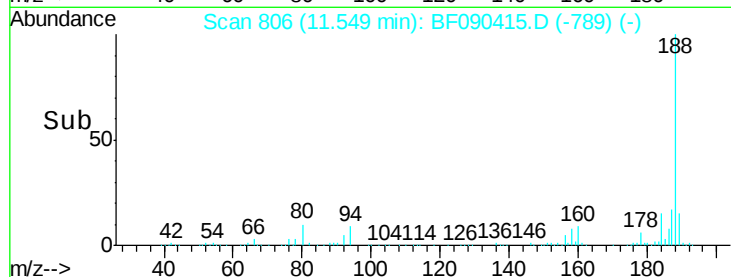
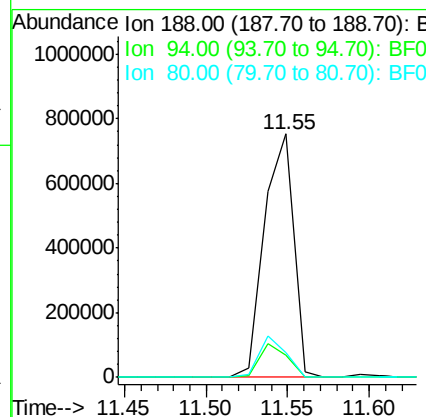
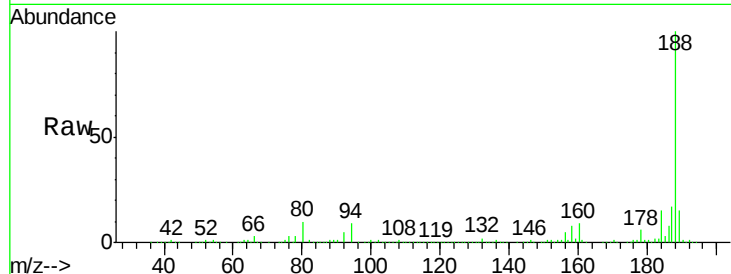
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.55 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BF090415.D
 Acq: 6 Oct 2016 7:34

Instrument :
 BNA_F
 ClientSampleId :
 PB93730BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.3	8.2	12.2
80	10.3	8.8	13.2

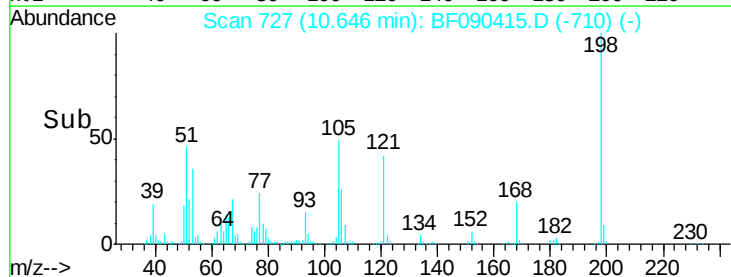
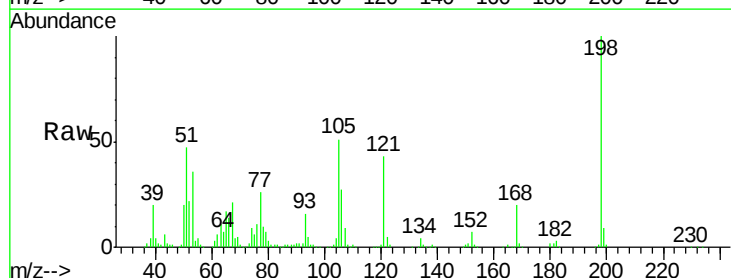
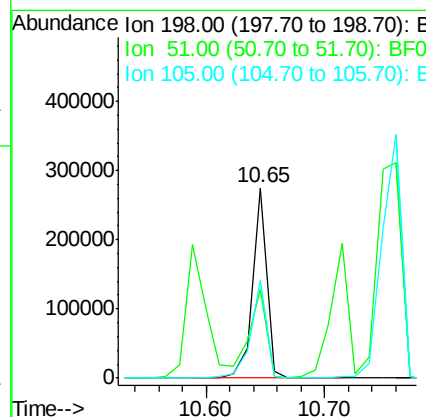
Manual Integrations
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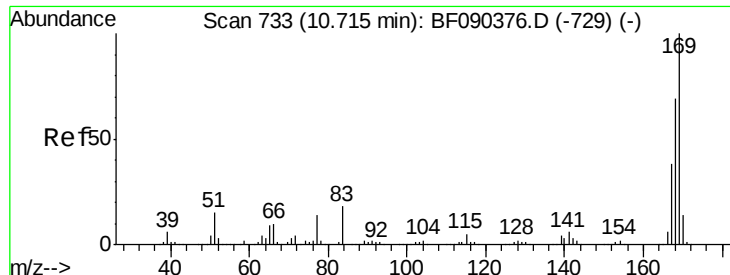
SOHIL
 10/6/2016 5:27:58 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 37.61 ng
 RT: 10.65 min Scan# 727
 Delta R.T. 0.00 min
 Lab File: BF090415.D
 Acq: 6 Oct 2016 7:34

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	46.5	67.3	107.3#
105	51.2	42.6	82.6





#65

n-Nitrosodiphenylamine

Concen: 39.45 ng

RT: 10.71 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

Instrument :

BNA_F

ClientSampleId :

PB93730BS

Tot Ion:169 Resp: 1248207

Ion Ratio Lower Upper

169 100

168 69.2 53.8 80.6

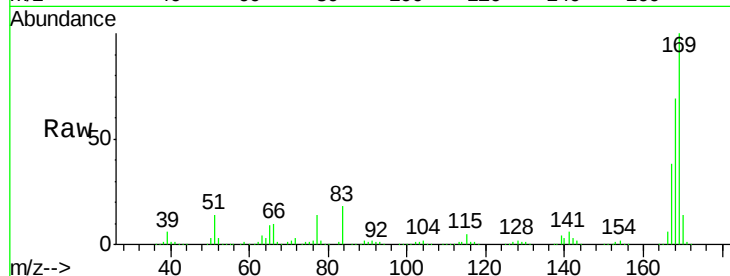
167 38.3 29.8 44.8

Manual Integrations

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SOHIL

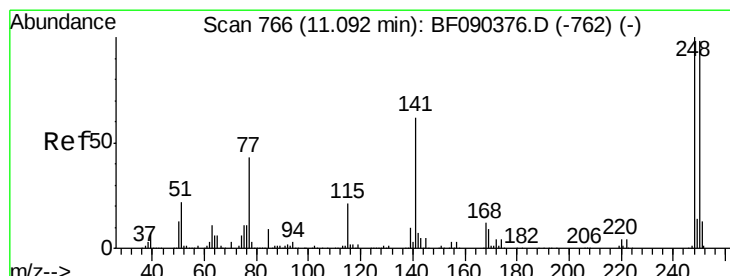
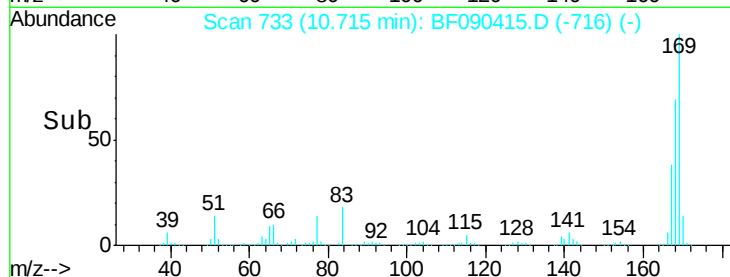
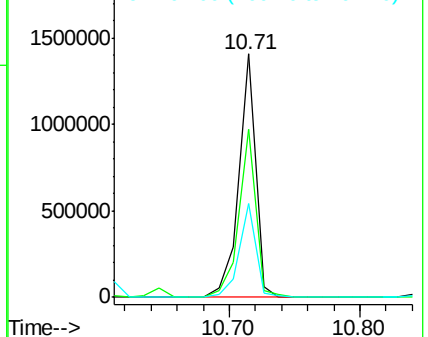
10/6/2016 5:27:58 PM



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: 43.40 ng

RT: 11.09 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

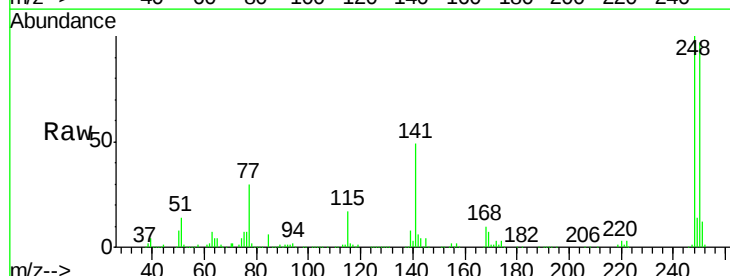
Tgt Ion:248 Resp: 401719

Ion Ratio Lower Upper

248 100

250 96.6 76.5 114.7

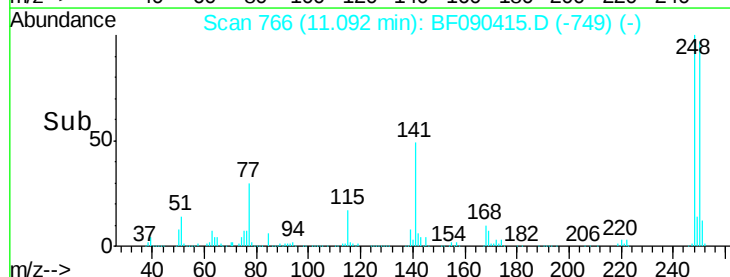
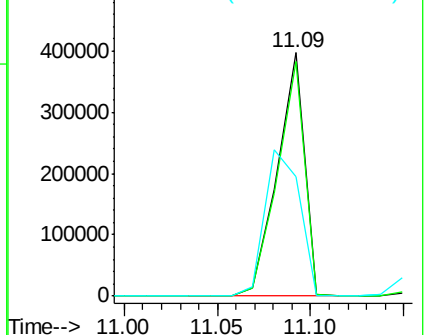
141 49.0 59.8 89.6#

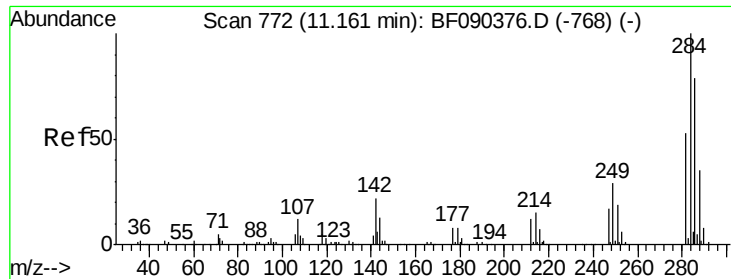


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





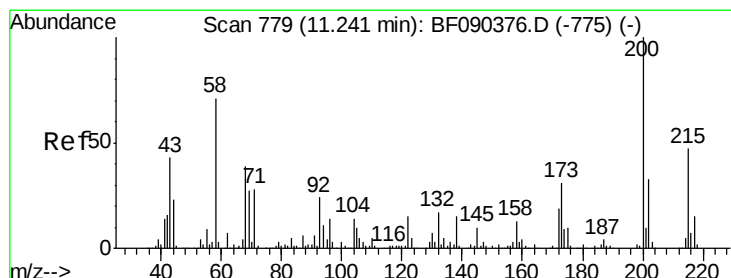
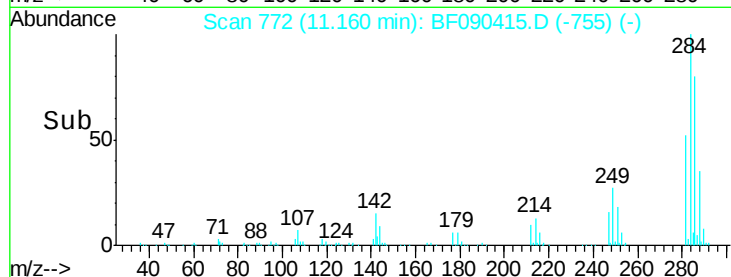
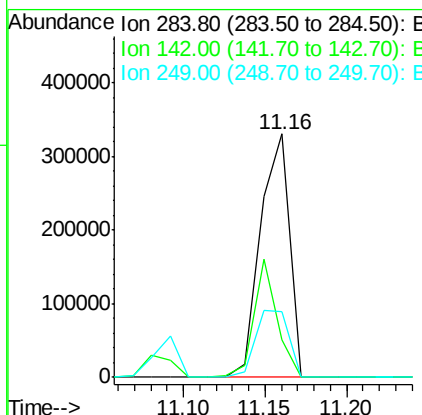
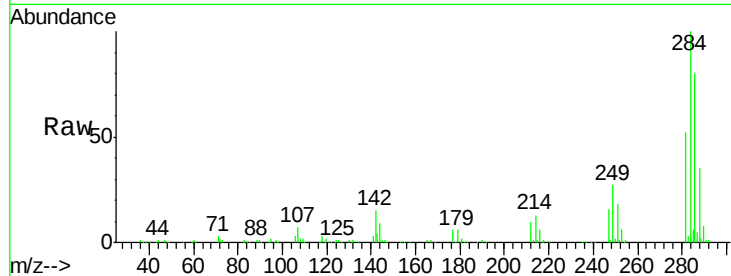
#67
Hexachlorobenzene
Concen: 39.72 ng
RT: 11.16 min Scan# 772
Delta R.T. -0.00 min
Lab File: BF090415.D
Acq: 6 Oct 2016 7:34

Instrument :
BNA_F
ClientSampleId :
PB93730BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	409480		
142	15.2	23.1	34.7	#
249	26.8	26.3	39.5	

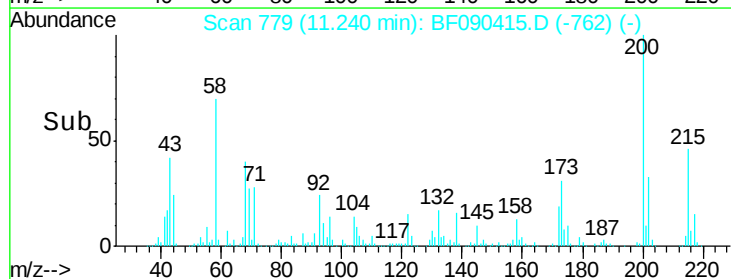
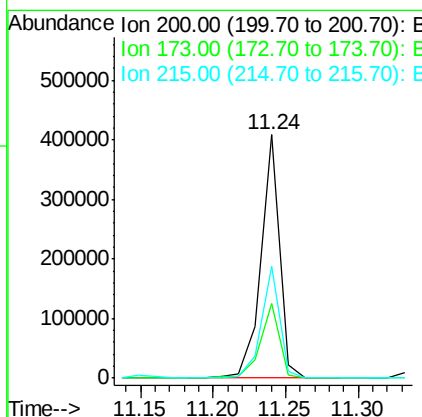
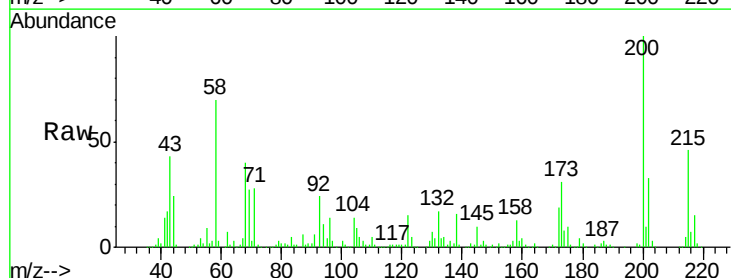
Manual Integrations
APPROVED

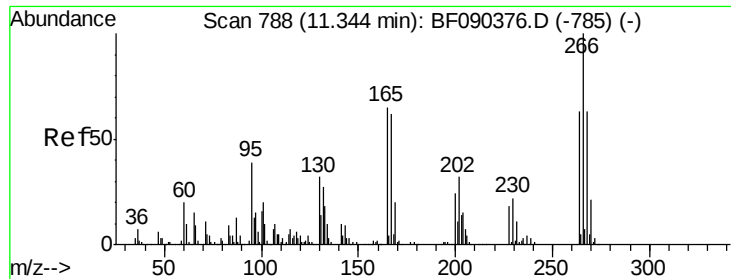
SOHIL
10/6/2016 5:27:58 PM



#68
Atrazine
Concen: 46.42 ng
RT: 11.24 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF090415.D
Acq: 6 Oct 2016 7:34

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	362190		
173	30.7	9.0	49.0	
215	45.7	24.8	64.8	





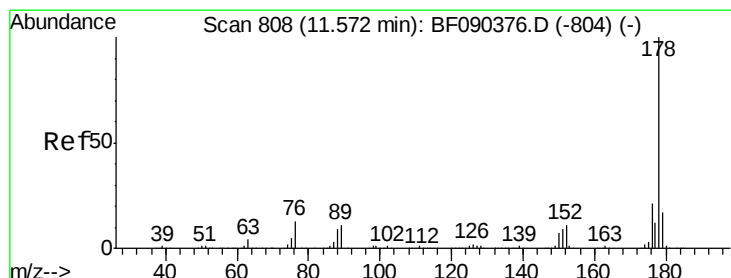
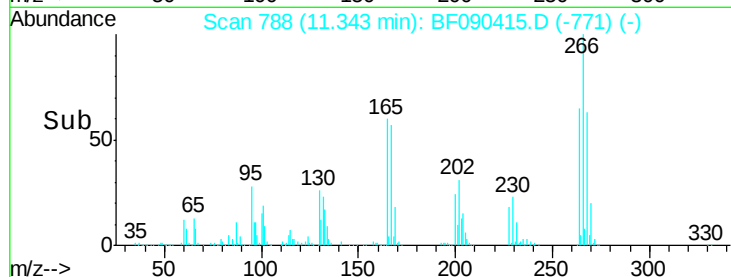
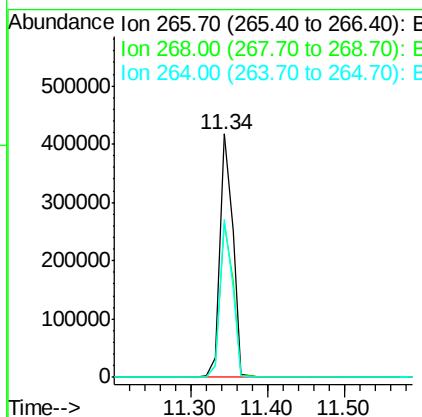
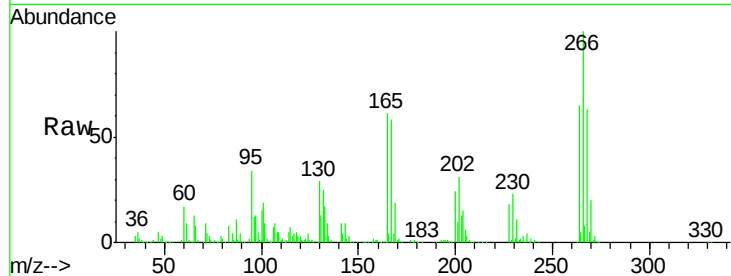
#69
 Pentachlorophenol
 Concen: 80.17 ng
 RT: 11.34 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF090415.D
 Acq: 6 Oct 2016 7:34

Instrument :
 BNA_F
 ClientSampled :
 PB93730BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.1	50.9	76.3
264	64.6	51.5	77.3

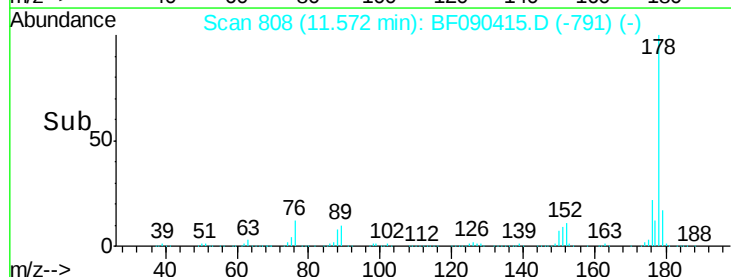
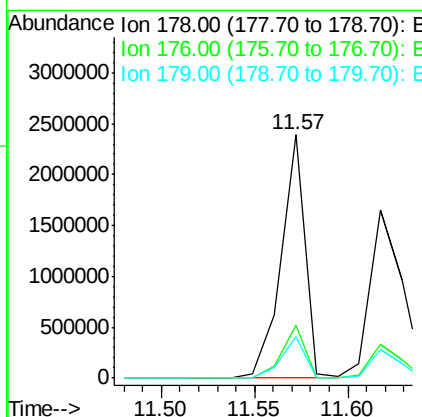
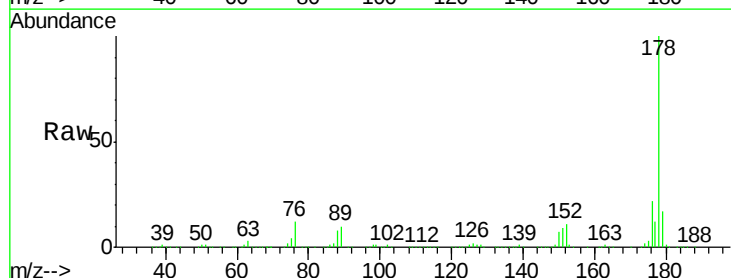
Manual Integrations
 APPROVED

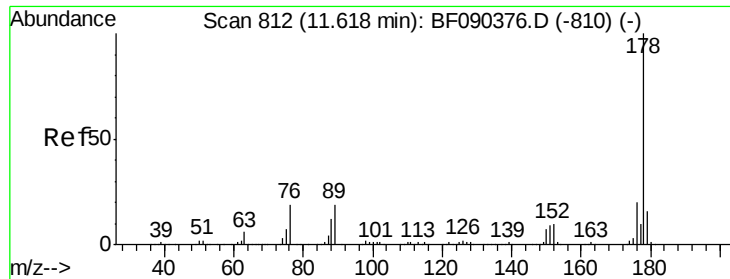
SOHIL
 10/6/2016 5:27:58 PM



#70
 Phenanthrene
 Concen: 44.07 ng
 RT: 11.57 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF090415.D
 Acq: 6 Oct 2016 7:34

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.6	17.3	25.9
179	16.8	13.8	20.6





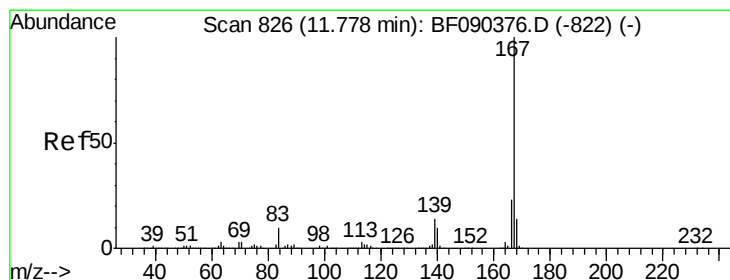
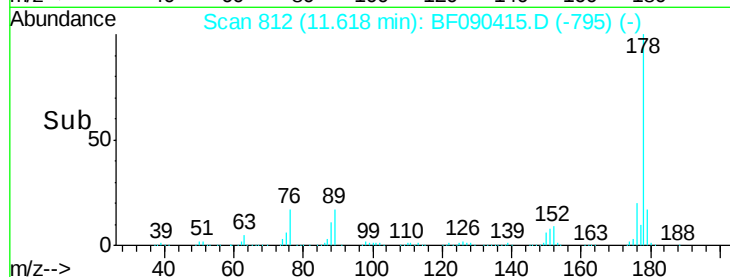
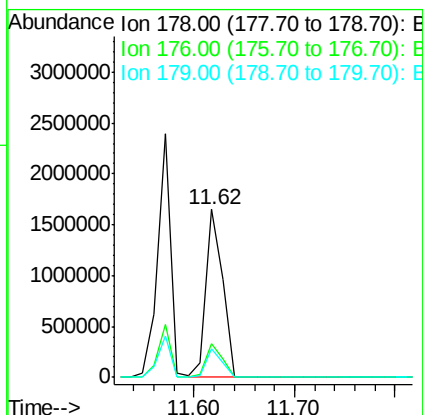
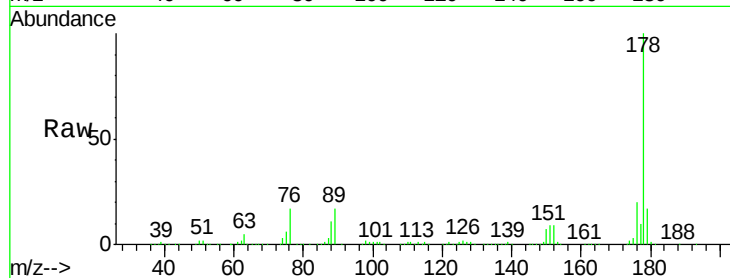
#71
 Anthracene
 Concen: 38.31 ng
 RT: 11.62 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF090415.D
 Acq: 6 Oct 2016 7:34

Instrument :
 BNA_F
 ClientSampleId :
 PB93730BS

Tot Ion:178 Resp: 1891716
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.8 25.2
 179 16.7 13.4 20.2

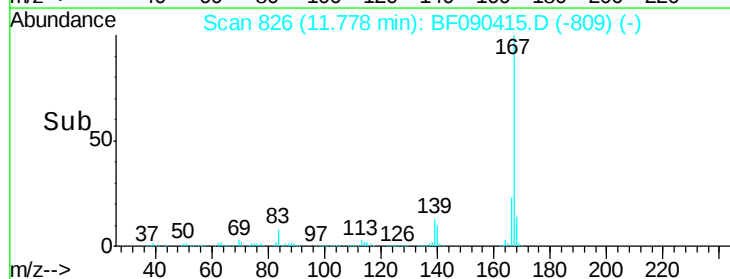
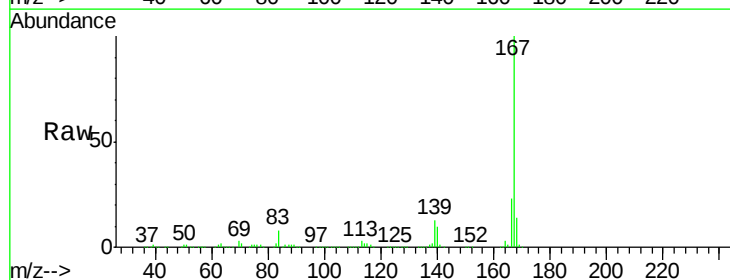
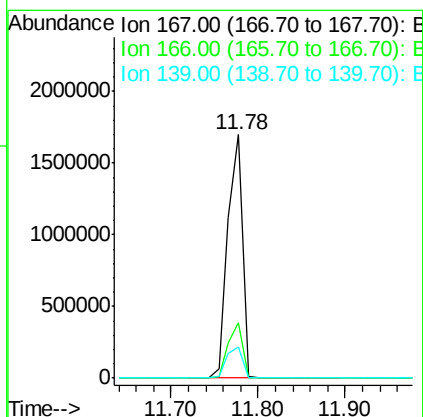
Manual Integrations
 APPROVED

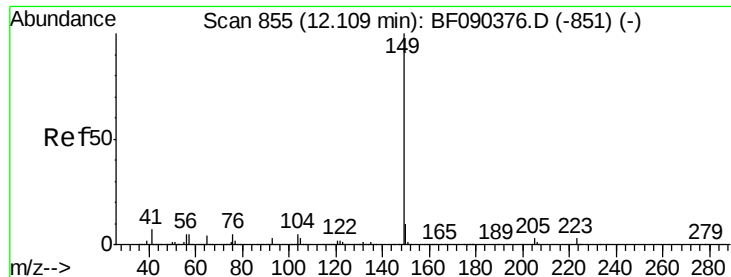
SOHIL
 10/6/2016 5:27:58 PM



#72
 Carbazole
 Concen: 43.37 ng
 RT: 11.78 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BF090415.D
 Acq: 6 Oct 2016 7:34

Tgt Ion:167 Resp: 1989693
 Ion Ratio Lower Upper
 167 100
 166 22.7 19.1 28.7
 139 12.9 12.1 18.1





#73

Di-n-butylphthalate

Concen: 44.57 ng

RT: 12.11 min Scan# 855

Delta R.T. -0.00 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

Instrument :

BNA_F

ClientSampleId :

PB93730BS

Tot Ion:149 Resp: 2488194

Ion Ratio Lower Upper

149 100

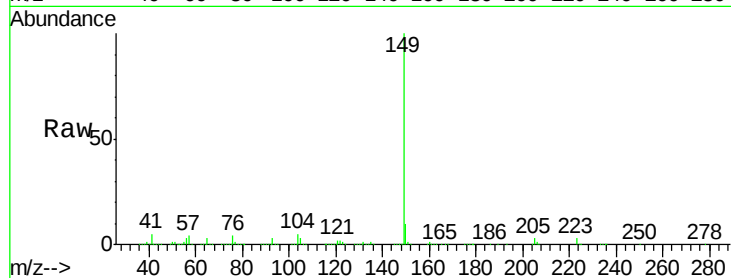
150 10.0 8.6 12.8

104 4.6 4.7 7.1#

Manual Integrations
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SOHIL

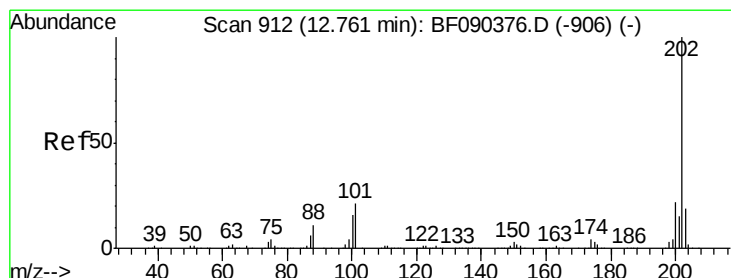
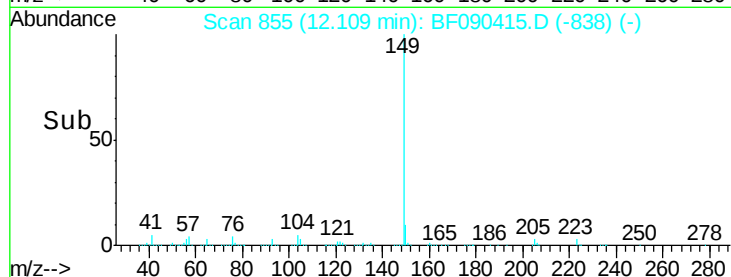
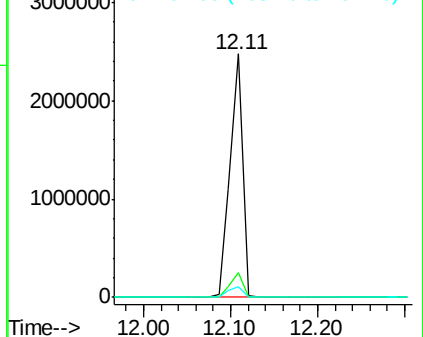
10/6/2016 5:27:58 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.95 ng

RT: 12.76 min Scan# 912

Delta R.T. -0.00 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

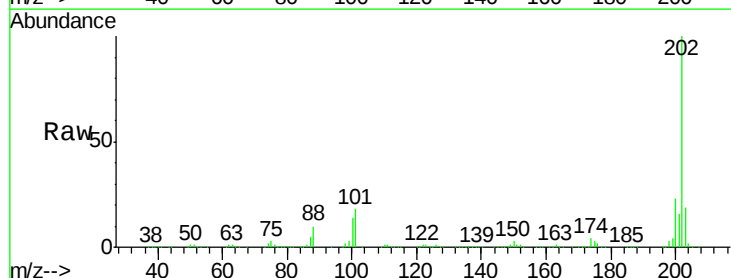
Tgt Ion:202 Resp: 1847378

Ion Ratio Lower Upper

202 100

101 18.5 0.0 37.2

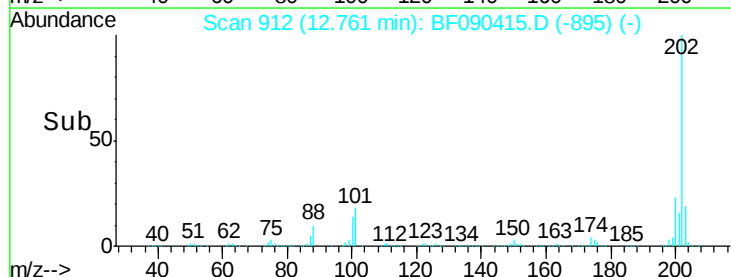
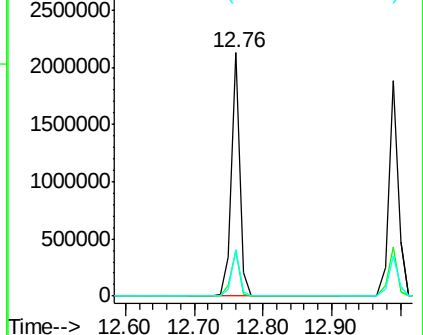
203 19.1 0.0 39.3

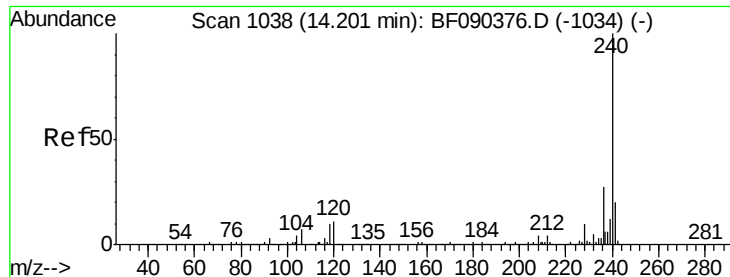


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.20 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

Instrument :

BNA_F

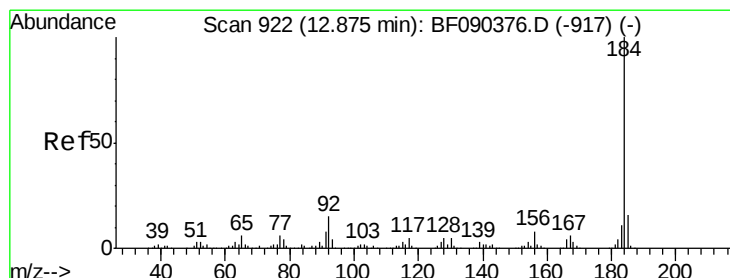
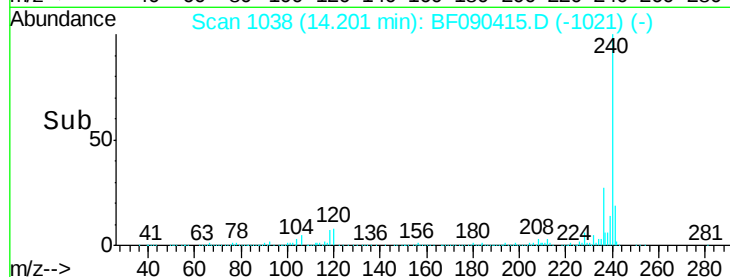
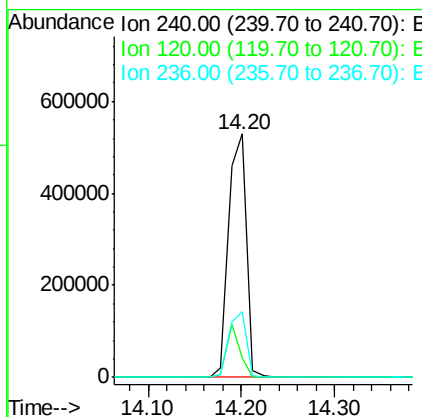
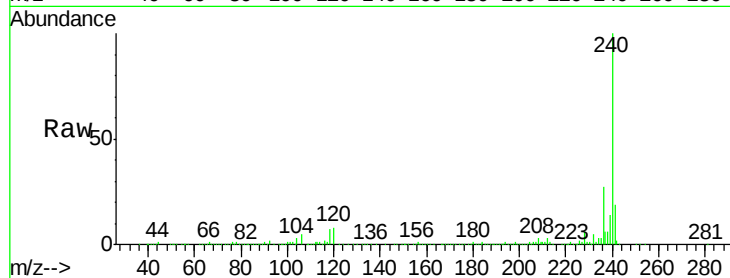
ClientSampleId :

PB93730BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.0	8.6	13.0#
236	26.9	21.6	32.4

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#76

Benzidine

Concen: 35.89 ng

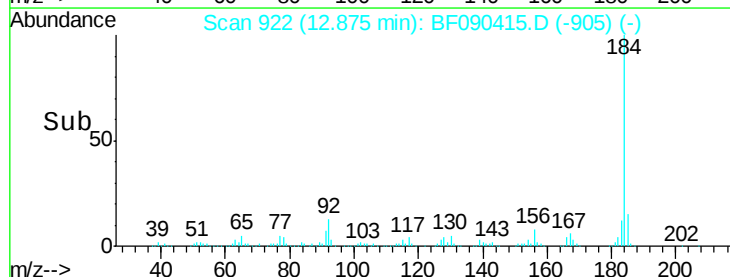
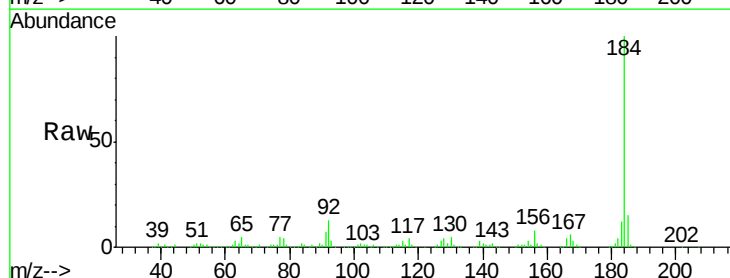
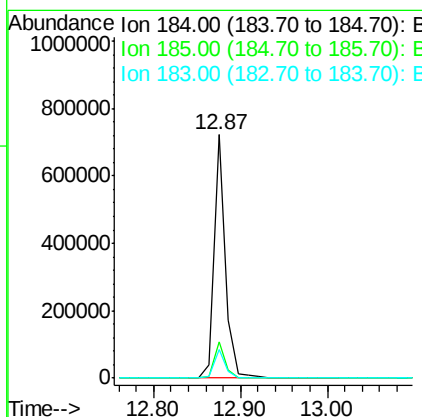
RT: 12.87 min Scan# 922

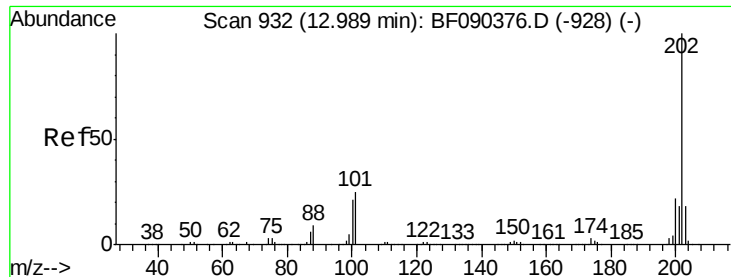
Delta R.T. -0.00 min

Lab File: BF090415.D

Acq: 6 Oct 2016 7:34

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.1	11.8	17.8
183	11.9	9.6	14.4





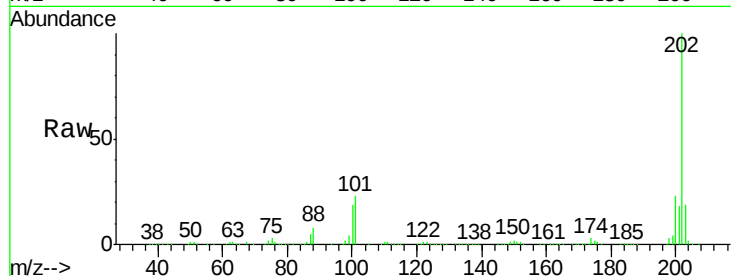
#77
Pvrene
Concen: 38.24 ng
RT: 12.99 min Scan# 932
Delta R.T. -0.00 min
Lab File: BF090415.D
Acq: 6 Oct 2016 7:34

Instrument :
BNA_F
ClientSampleId :
PB93730BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.6	18.5	27.7
203	18.8	15.0	22.6

Manual Integrations
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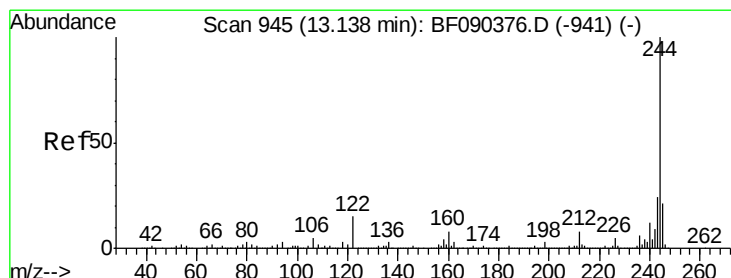
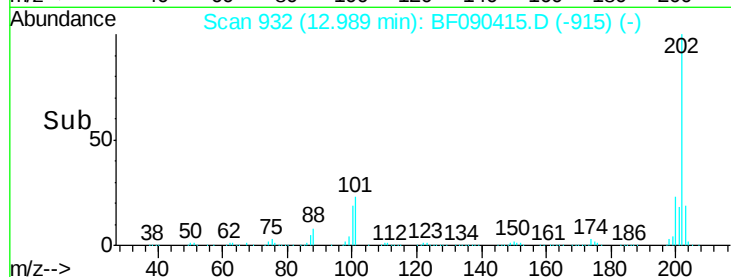
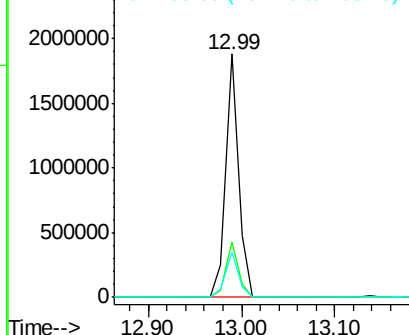


Abundance

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: 88.79 ng
RT: 13.14 min Scan# 945
Delta R.T. -0.00 min
Lab File: BF090415.D
Acq: 6 Oct 2016 7:34

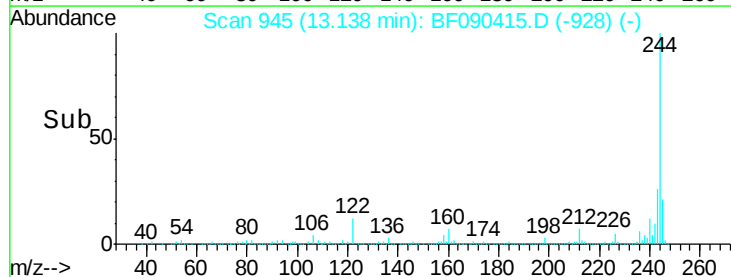
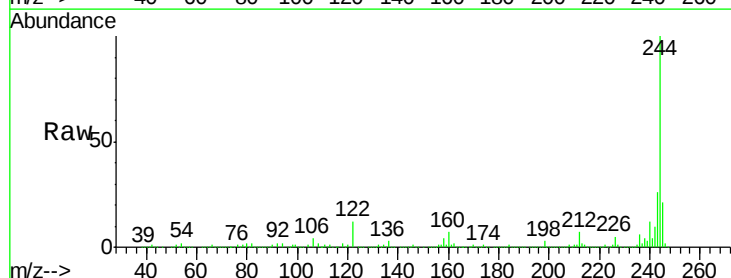
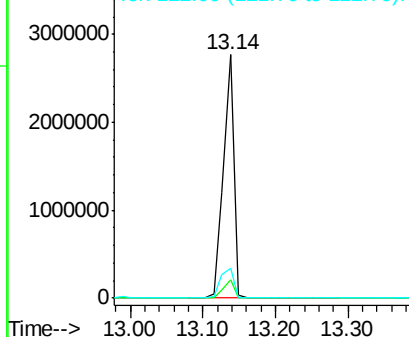
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.8	10.2
122	12.1	13.3	19.9#

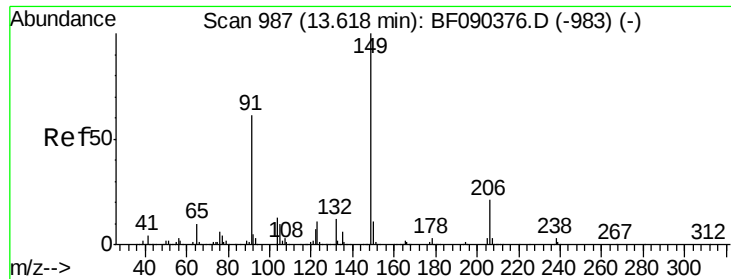
Abundance

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





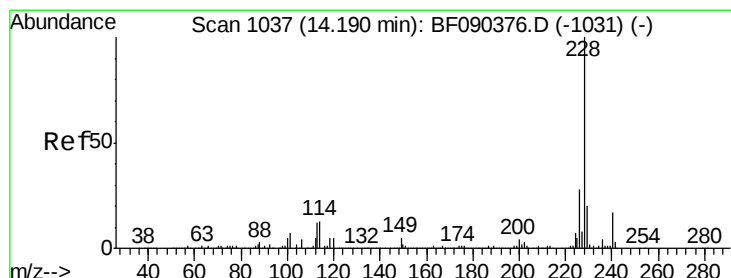
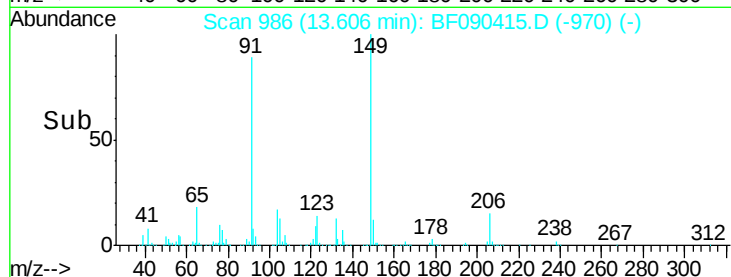
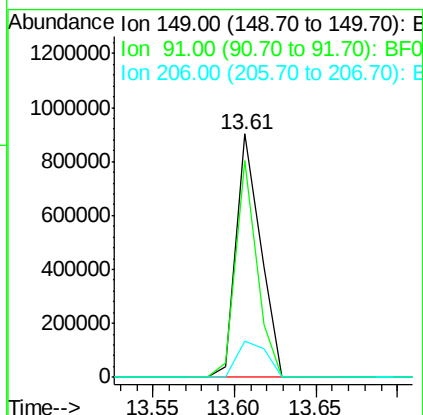
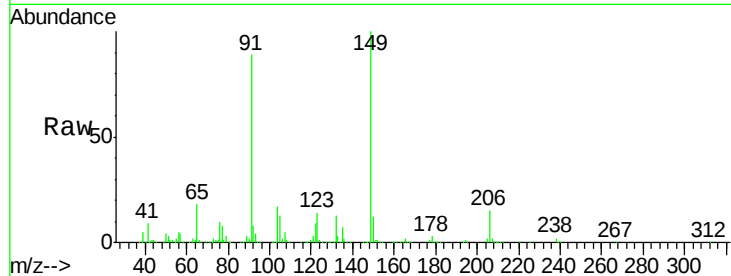
#79
Butylbenzylphthalate
Concen: 38.49 ng
RT: 13.61 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF090415.D
Acq: 6 Oct 2016 7:34

Instrument :
BNA_F
ClientSampleId :
PB93730BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	89.0	51.8	77.8#
206	14.7	18.0	27.0#

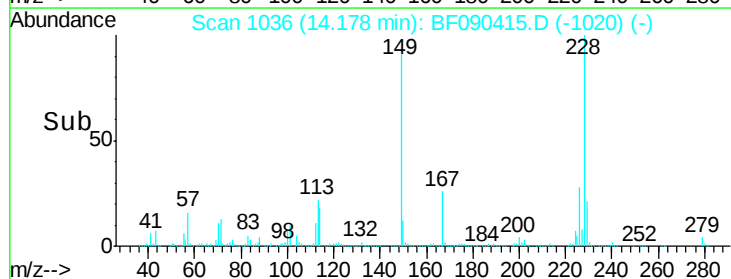
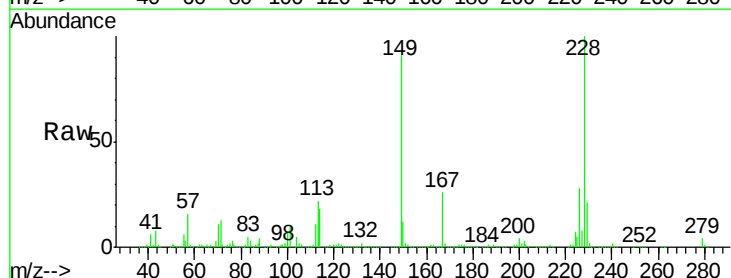
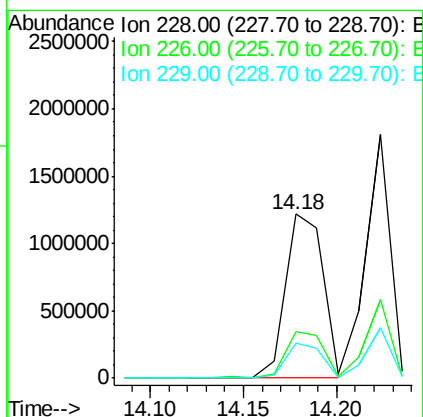
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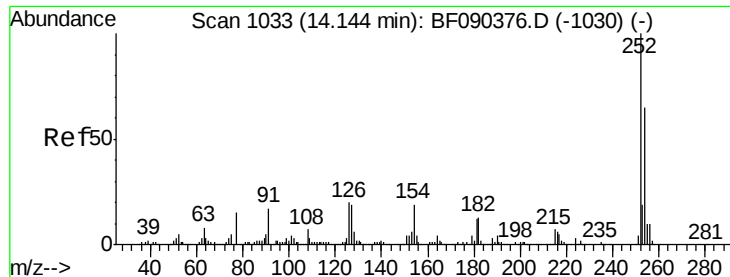
SOHIL
10/6/2016 5:27:58 PM



#80
Benzo(a)anthracene
Concen: 43.11 ng
RT: 14.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF090415.D
Acq: 6 Oct 2016 7:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.6	35.4
229	21.1	16.6	25.0





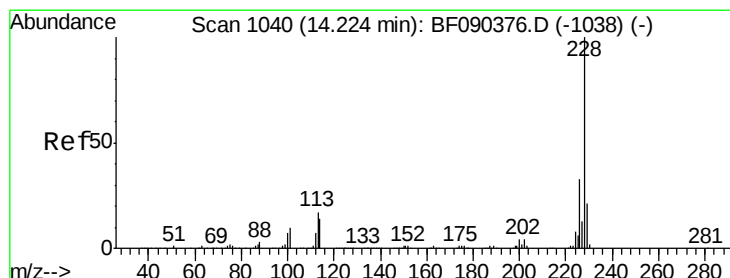
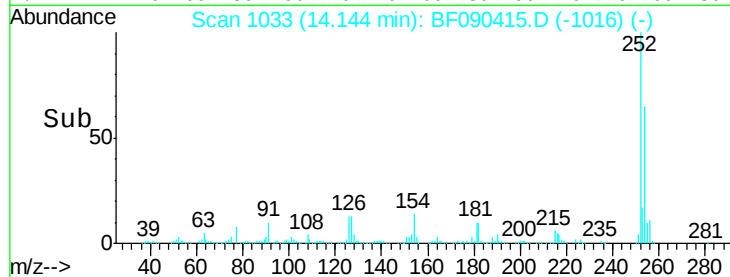
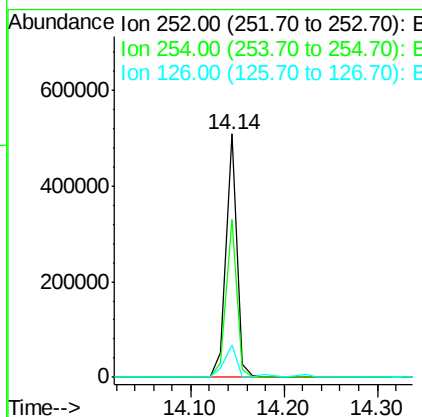
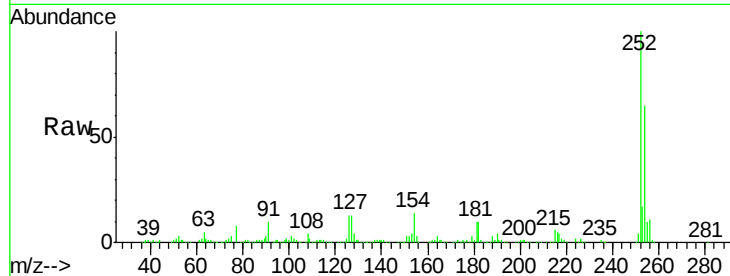
#81
 3,3'-Dichlorobenzidine
 Concen: 28.48 ng
 RT: 14.14 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BF090415.D
 Acq: 6 Oct 2016 7:34

Instrument :
 BNA_F
 ClientSampleId :
 PB93730BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	409612		
254	64.6	52.1	78.1	
126	13.2	4.2	6.4	

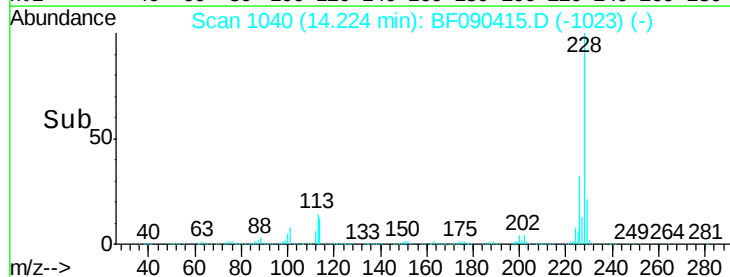
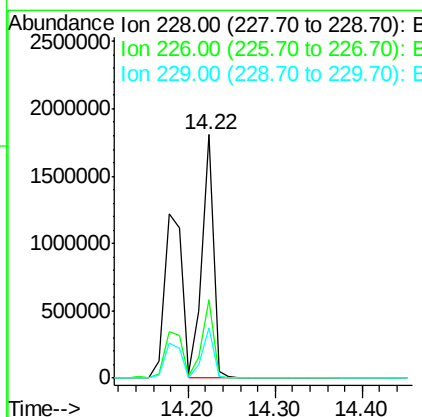
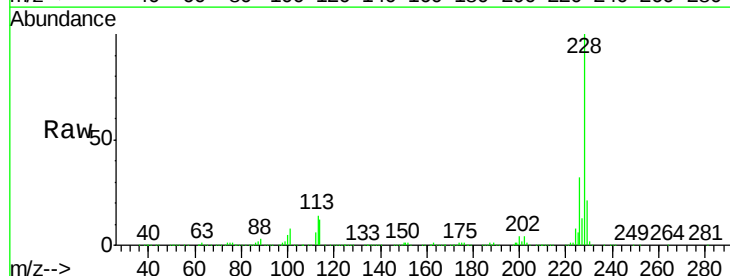
Manual Integrations
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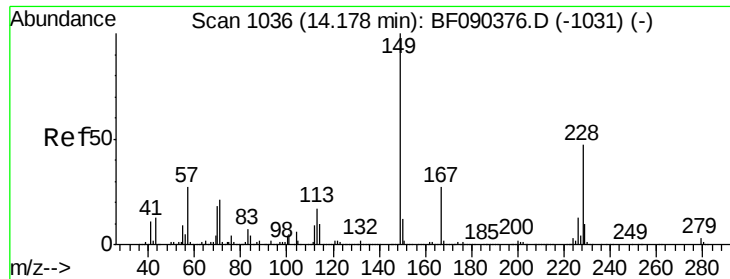
SOHIL
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#82
 Chrysene
 Concen: 44.58 ng
 RT: 14.22 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BF090415.D
 Acq: 6 Oct 2016 7:34

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1627739		
226	32.0	25.8	38.6	
229	20.8	16.9	25.3	





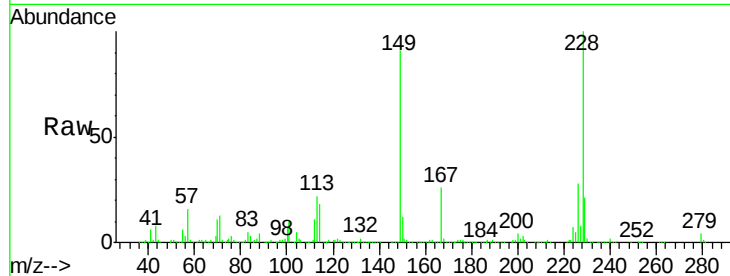
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.86 ng
 RT: 14.18 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF090415.D
 Acq: 6 Oct 2016 7:34

Instrument :
 BNA_F
 ClientSampled :
 PB93730BS

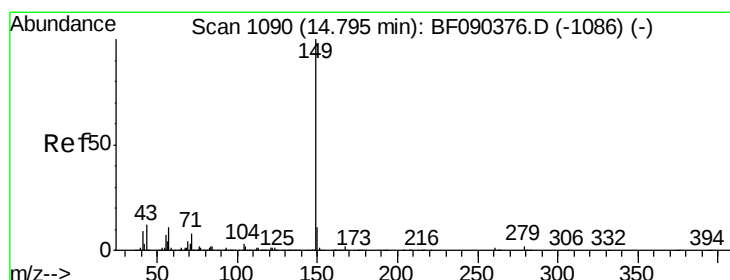
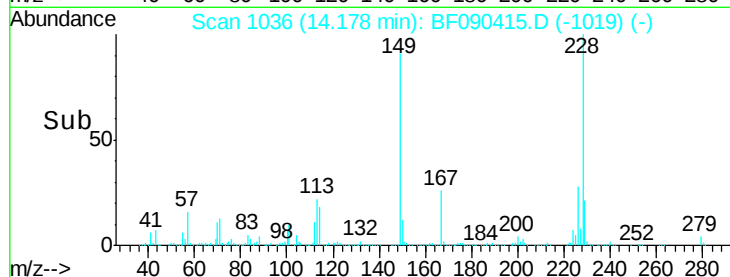
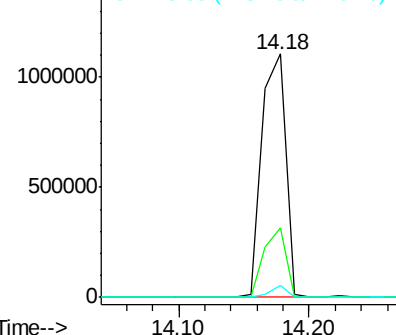
Tot Ion:149 Resp: 1439317
 Ion Ratio Lower Upper
 149 100
 167 28.4 21.5 32.3
 279 4.8 2.6 3.8#

Manual Integrations
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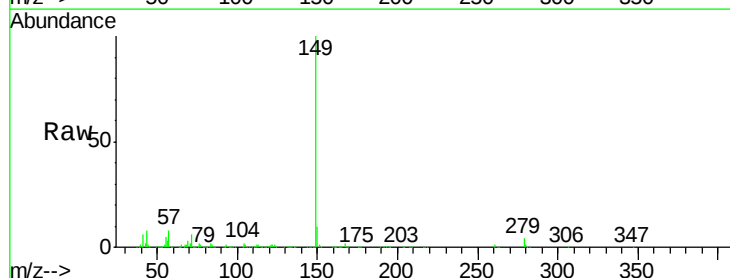


Abundance Ion 149.00 (148.70 to 149.70): E
 1500000
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

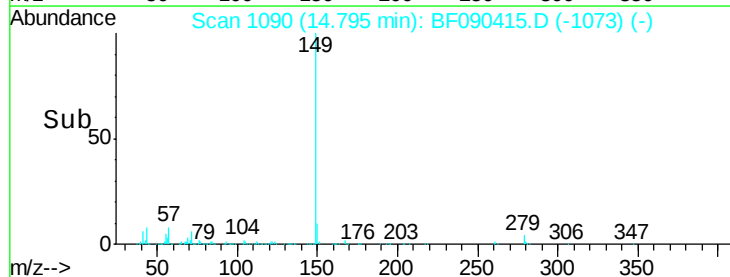
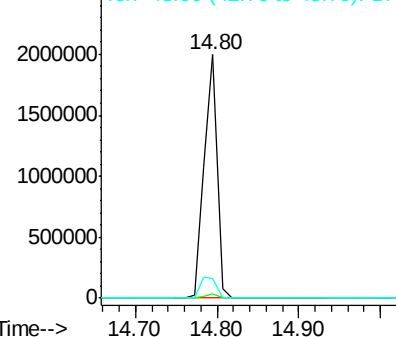


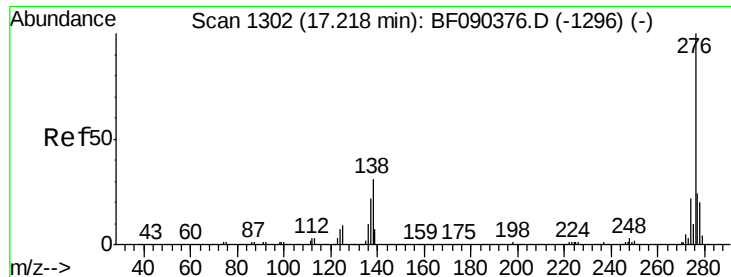
#84
 Di-n-octyl phthalate
 Concen: 42.84 ng
 RT: 14.80 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: BF090415.D
 Acq: 6 Oct 2016 7:34

Tgt Ion:149 Resp: 2183851
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 11.0 11.8 17.8#



Abundance Ion 149.00 (148.70 to 149.70): E
 2500000
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0





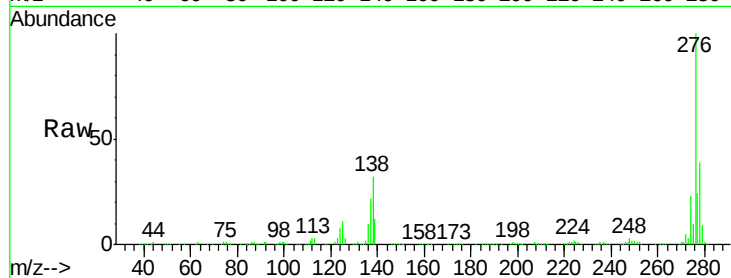
#85
Indeno(1,2,3-cd)pyrene
Concen: 46.21 ng
RT: 17.22 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BF090415.D
Acq: 6 Oct 2016 7:34

Instrument :
BNA_F
ClientSampleId :
PB93730BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.9	23.8	35.8
277	25.0	20.4	30.6

Manual Integrations
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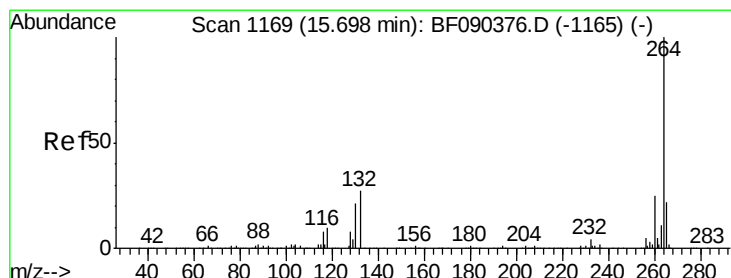
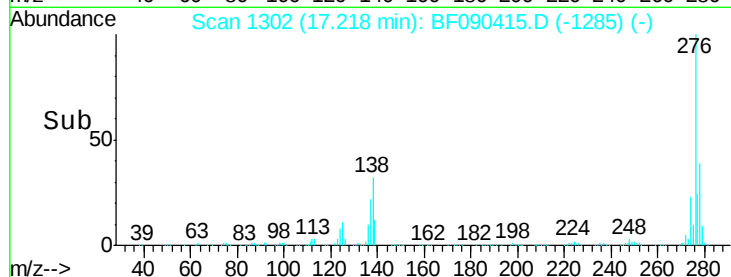
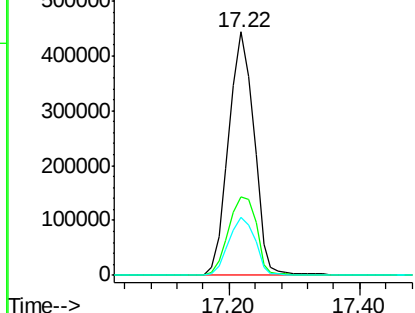


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.70 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BF090415.D
Acq: 6 Oct 2016 7:34

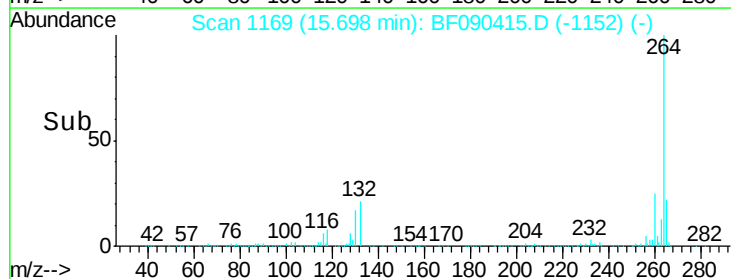
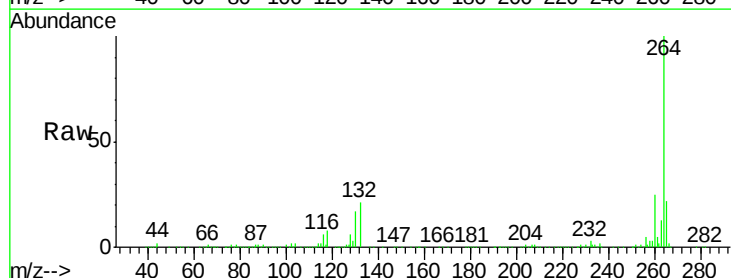
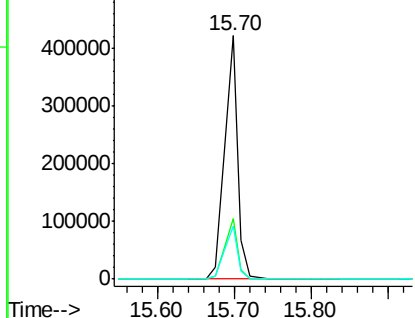
Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.3	28.9
265	21.9	17.4	26.0

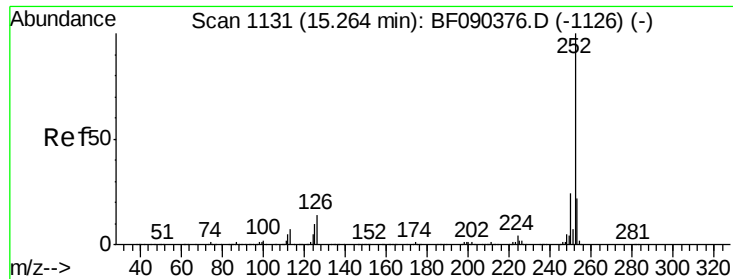
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





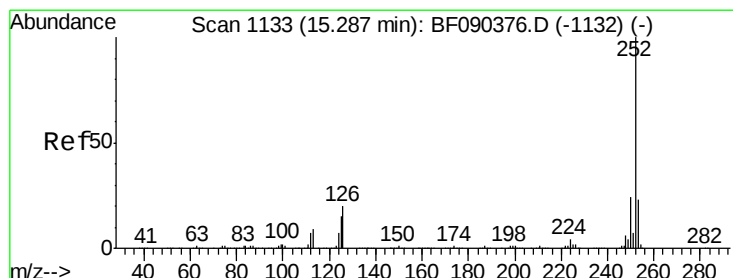
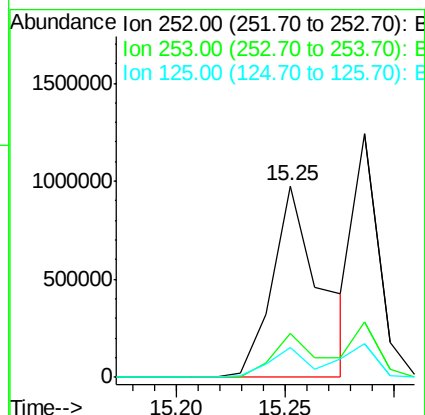
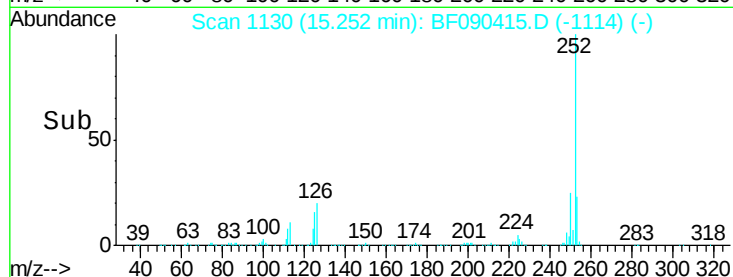
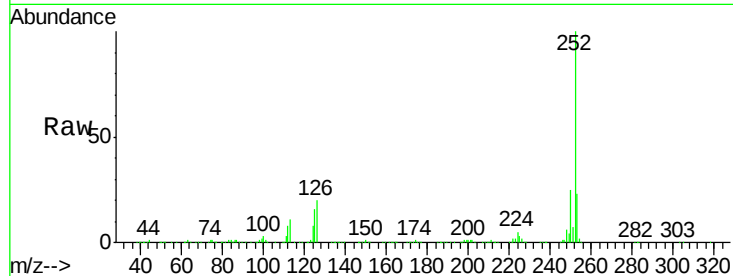
#87
Benzo(b)fluoranthene
Concen: 46.50 ng
RT: 15.25 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BF090415.D
Acq: 6 Oct 2016 7:34

Instrument :
BNA_F
ClientSampleId :
PB93730BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	15.7	7.0	10.4

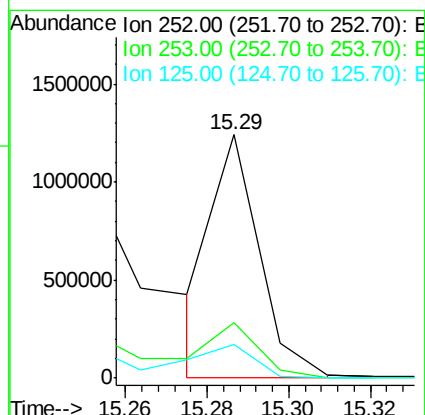
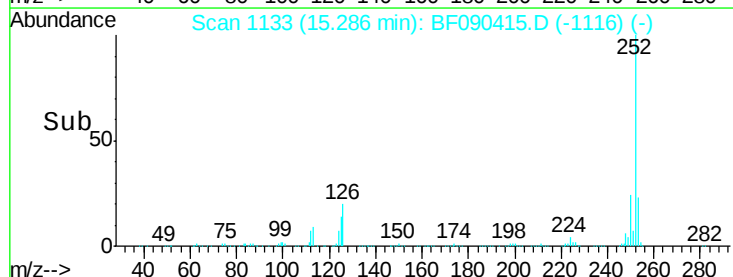
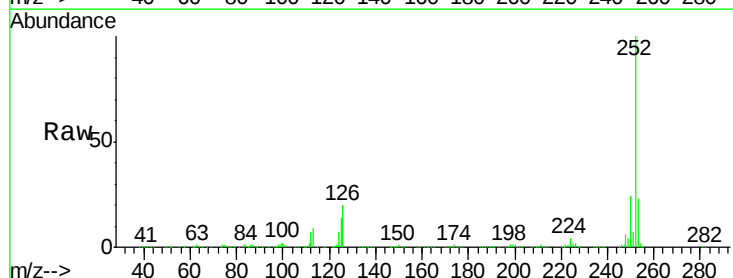
Manual Integrations
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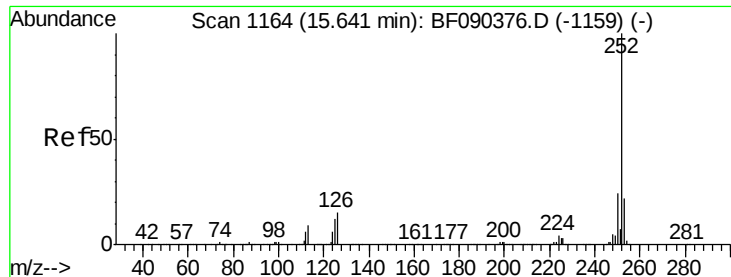
SOHIL
10/6/2016 5:27:58 PM



#88
Benzo(k)fluoranthene
Concen: 32.25 ng m
RT: 15.29 min Scan# 1133
Delta R.T. -0.00 min
Lab File: BF090415.D
Acq: 6 Oct 2016 7:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.6	27.8
125	13.9	11.7	17.5





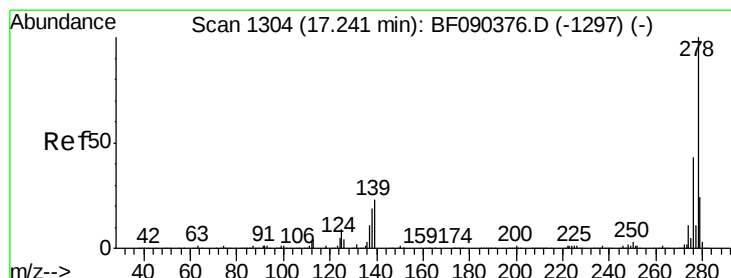
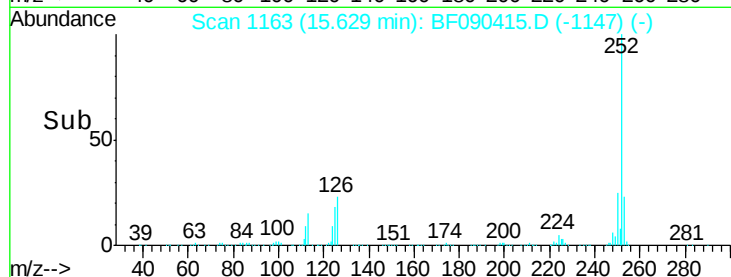
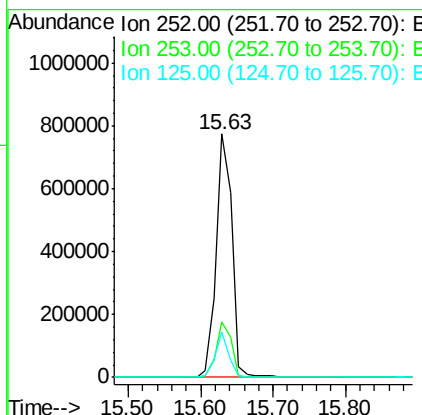
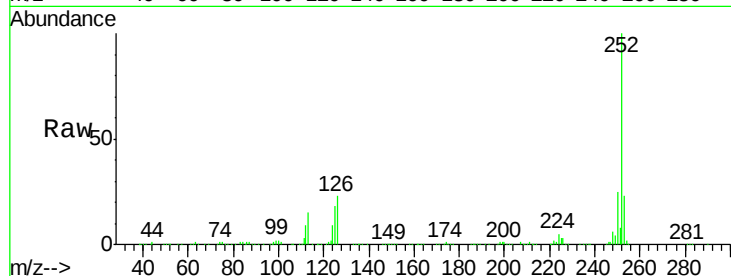
#89
Benzo(a)pyrene
Concen: 41.70 ng
RT: 15.63 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF090415.D
Acq: 6 Oct 2016 7:34

Instrument :
BNA_F
ClientSampled :
PB93730BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.4
125	18.4	9.8	14.8

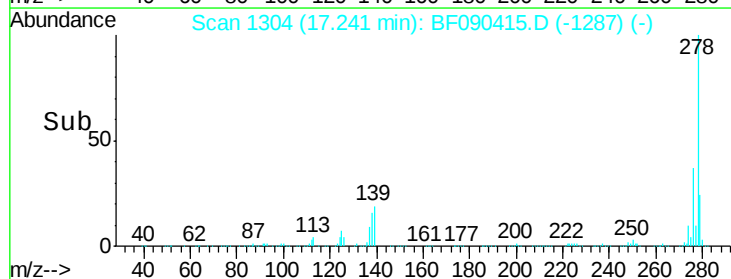
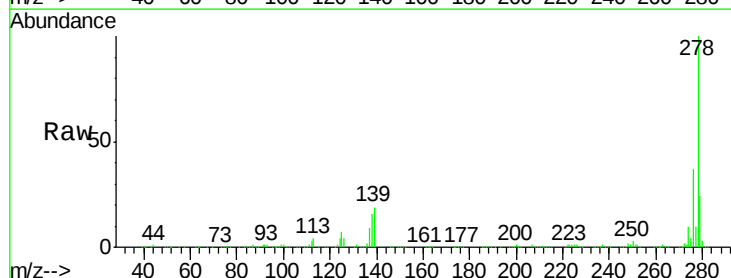
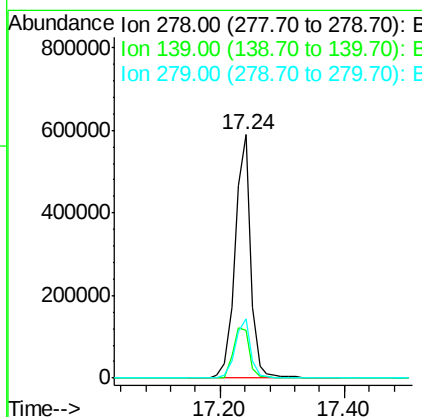
Manual Integrations
APPROVED

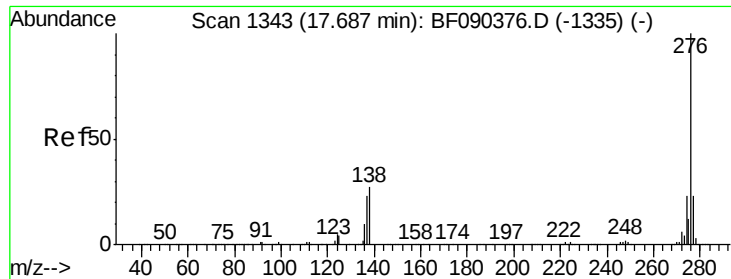
SOHIL
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#90
Dibenzo(a,h)anthracene
Concen: 43.59 ng
RT: 17.24 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BF090415.D
Acq: 6 Oct 2016 7:34

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.4	12.8	19.2
279	24.2	19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 41.98 ng
 RT: 17.68 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF090415.D
 Acq: 6 Oct 2016 7:34

Instrument :
 BNA_F
 ClientSampleId :
 PB93730BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.4	29.0
138	32.0	20.8	31.2

Manual Integrations
 APPROVED

SOHIL
 10/6/2016 5:27:58 PM

