

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
 Data File : BF090351.D
 Acq On : 4 Oct 2016 19:34
 Operator : UM/SJ
 Sample : PB93723BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93723BS

Manual Integrations
 APPROVED

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 10/5/2016 7:27:33 PM

Quant Time: Oct 05 03:30:06 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 04 14:16:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	261937	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	1047071	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	462733	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	672077	20.00	ng	0.00
75) Chrysene-d12	14.19	240	478841	20.00	ng	0.00
86) Perylene-d12	15.70	264	432613	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	2131494	128.35	ng	0.02
7) Phenol-d6	6.63	99	2658465	128.06	ng	0.00
23) Nitrobenzene-d5	7.57	82	1645455	91.60	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	527769	131.32	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2551699	89.91	ng	0.00
78) Terphenyl-d14	13.14	244	1998683	97.18	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.79	88	301997	37.26	ng	# 92
3) Pyridine	3.56	79	890869	41.46	ng	# 85
4) n-Nitrosodimethylamine	3.51	42	395745	50.84	ng	# 61
6) Aniline	6.67	93	770411	27.01	ng	99
8) 2-Chlorophenol	6.79	128	799349	42.84	ng	99
9) Benzaldehyde	6.55	77	90523	9.39	ng	98
10) Phenol	6.65	94	1198767	47.48	ng	90
11) bis(2-Chloroethyl)ether	6.74	93	756818	42.21	ng	85
12) 1,3-Dichlorobenzene	6.95	146	807855	41.68	ng	99
13) 1,4-Dichlorobenzene	7.02	146	767057	38.98	ng	96
14) 1,2-Dichlorobenzene	7.18	146	827127	44.21	ng	98
15) Benzyl Alcohol	7.15	79	761990	52.07	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.29	45	1265802	46.19	ng	95
17) 2-Methylphenol	7.25	107	607099	42.00	ng	98
18) Hexachloroethane	7.53	117	304521	42.76	ng	94
19) n-Nitroso-di-n-propylamine	7.42	70	681421	51.40	ng	# 83
20) 3+4-Methylphenols	7.41	107	851275	46.32	ng	# 82
22) Acetophenone	7.41	105	968623	39.95	ng	# 94
24) Nitrobenzene	7.59	77	920263	47.98	ng	# 89
25) Isophorone	7.83	82	1596051	46.70	ng	97
26) 2-Nitrophenol	7.91	139	340081	45.95	ng	93
27) 2,4-Dimethylphenol	7.94	122	665861	39.88	ng	95
28) bis(2-Chloroethoxy)methane	8.04	93	916456	43.19	ng	# 97
29) 2,4-Dichlorophenol	8.15	162	533520	39.03	ng	97
30) 1,2,4-Trichlorobenzene	8.23	180	600410	39.22	ng	99
31) Naphthalene	8.31	128	2066412	41.29	ng	98
32) Benzoic acid	8.04	122	329712	32.61	ng	96
33) 4-Chloroaniline	8.37	127	115926	5.80	ng	# 91
34) Hexachlorobutadiene	8.44	225	336997	37.40	ng	99
35) Caprolactam	8.71	113	161558	45.19	ng	96
36) 4-Chloro-3-methylphenol	8.84	107	601185	40.96	ng	99
37) 2-Methylnaphthalene	9.01	142	1351230	43.02	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	532839	40.79	ng	# 98
40) Hexachlorocyclopentadiene	9.17	237	720361	82.09	ng	99

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Quant Time: Oct 05 03:30:06 2016
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	376125	45.78	ng	98
43) 2,4,5-Trichlorophenol	9.33	196	331496	40.10	ng #	87
45) 1,1'-Biphenyl	9.48	154	1445465	40.35	ng	95
46) 2-Chloronaphthalene	9.50	162	1265467	47.06	ng	97
47) 2-Nitroaniline	9.59	65	416471	56.74	ng	85
48) Acenaphthylene	9.91	152	1717842	42.23	ng	98
49) Dimethylphthalate	9.78	163	1304534	47.62	ng	98
50) 2,6-Dinitrotoluene	9.83	165	293241	48.94	ng #	79
51) Acenaphthene	10.09	154	1197731	48.38	ng	98
52) 3-Nitroaniline	9.99	138	156734	23.09	ng	82
53) 2,4-Dinitrophenol	10.11	184	239685	104.56	ng	88
54) Dibenzofuran	10.27	168	1574688	48.11	ng	98
55) 4-Nitrophenol	10.15	139	513581	95.03	ng	87
56) 2,4-Dinitrotoluene	10.23	165	332405	46.09	ng #	34
57) Fluorene	10.61	166	1278251	46.69	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.38	232	252219m	43.26	ng	
59) Diethylphthalate	10.47	149	1176705	42.03	ng #	91
60) 4-Chlorophenyl-phenylether	10.60	204	610753	47.04	ng	97
61) 4-Nitroaniline	10.61	138	256598	42.03	ng	93
62) Azobenzene	10.76	77	1684656	57.73	ng	92
64) 4,6-Dinitro-2-methylphenol	10.65	198	147650	48.37	ng #	51
65) n-Nitrosodiphenylamine	10.71	169	1008798	44.02	ng	99
66) 4-Bromophenyl-phenylether	11.09	248	337602	46.48	ng	98
67) Hexachlorobenzene	11.16	284	355500	41.65	ng	93
68) Atrazine	11.24	200	271081	49.41	ng	99
69) Pentachlorophenol	11.34	266	350334	73.22	ng	100
70) Phenanthrene	11.57	178	1625881	45.09	ng	98
71) Anthracene	11.63	178	1583866	44.01	ng	96
72) Carbazole	11.78	167	1459233	44.10	ng	96
73) Di-n-butylphthalate	12.11	149	1725385	43.64	ng	98
74) Fluoranthene	12.76	202	1404997	41.08	ng	98
76) Benzidine	12.88	184	411379	31.24	ng	98
77) Pyrene	12.99	202	1343491	43.82	ng	99
79) Butylbenzylphthalate	13.62	149	683159	56.54	ng	93
80) Benzo(a)anthracene	14.19	228	1274959	47.48	ng	97
81) 3,3'-Dichlorobenzidine	14.14	252	284182	30.72	ng #	97
82) Chrysene	14.22	228	1208907	48.05	ng	99
83) Bis(2-ethylhexyl)phthalate	14.18	149	1032254	53.40	ng	99
84) Di-n-octyl phthalate	14.80	149	1556429	55.42	ng	94
85) Indeno(1,2,3-cd)pyrene	17.22	276	1260164	46.60	ng	95
87) Benzo(b)fluoranthene	15.25	252	1312174	52.74	ng #	94
88) Benzo(k)fluoranthene	15.29	252	927707m	39.04	ng	
89) Benzo(a)pyrene	15.64	252	1097337	48.36	ng	98
90) Dibenzo(a,h)anthracene	17.24	278	1080800	48.57	ng #	94
91) Benzo(g,h,i)perylene	17.68	276	1064154	48.83	ng #	94

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

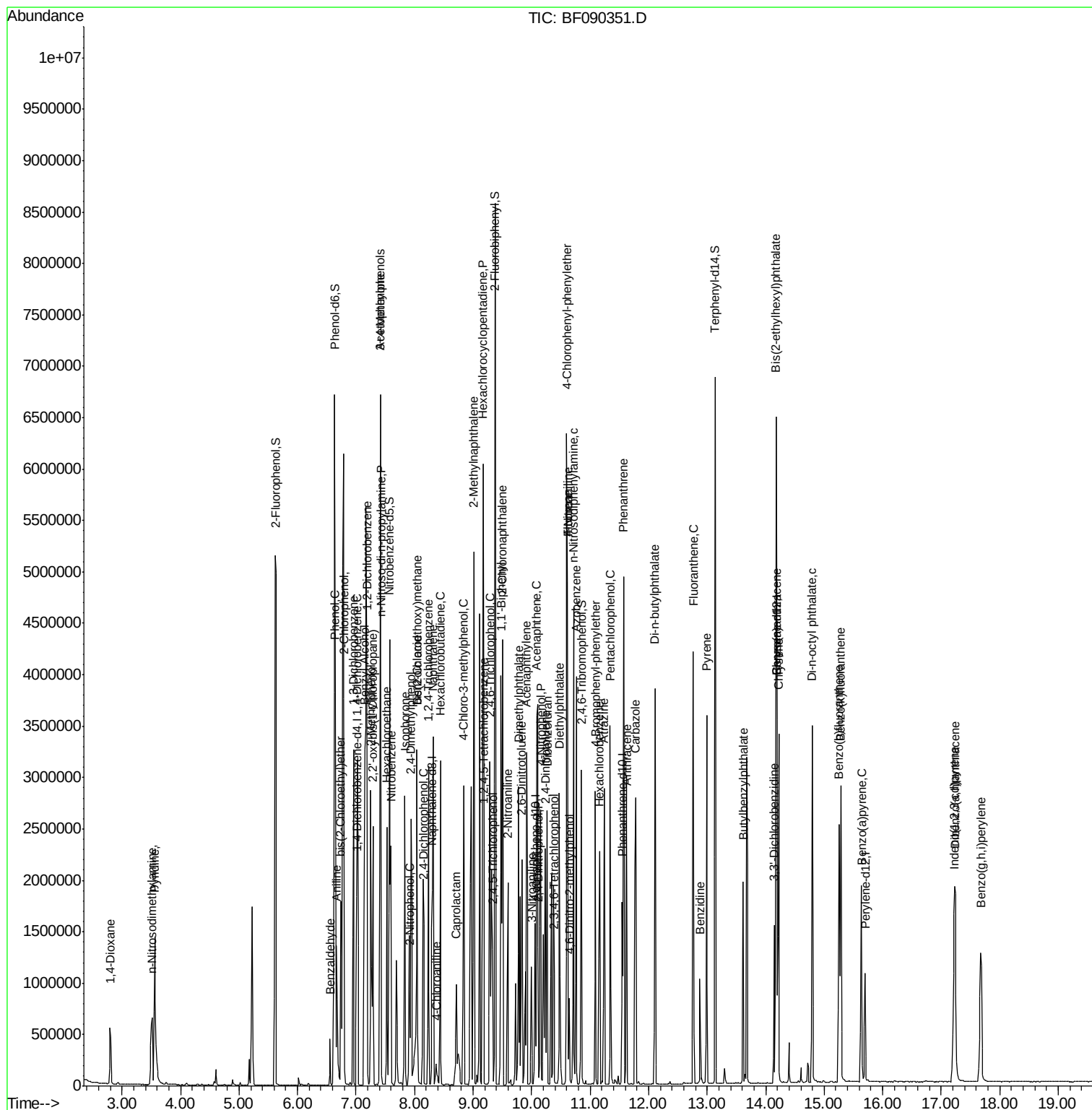
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Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\  
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Operator  : UM/SJ  
Sample    : PB93723BS  
Misc      :  
ALS Vial  : 6 Sample Multiplier: 1
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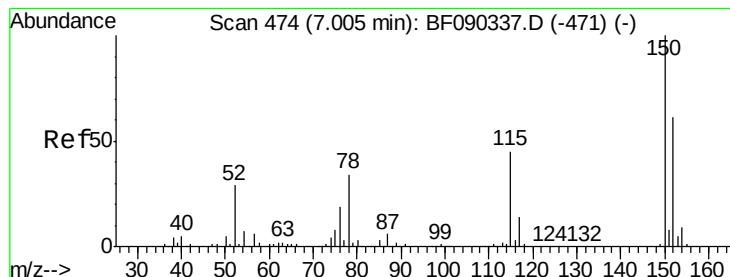
Instrument :
BNA_F
ClientSampleId :
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Manual Integrations APPROVED

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#1

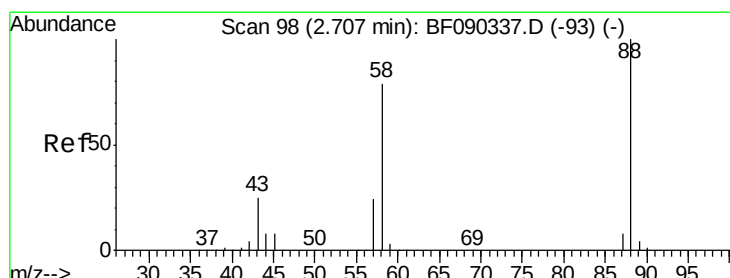
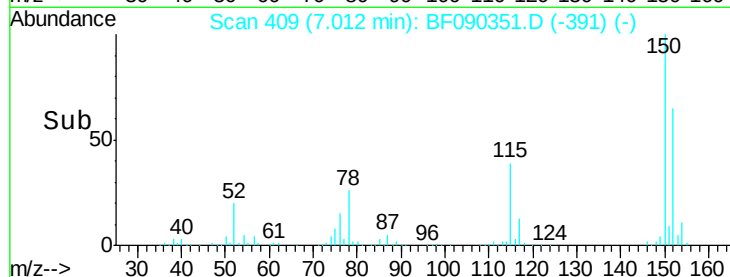
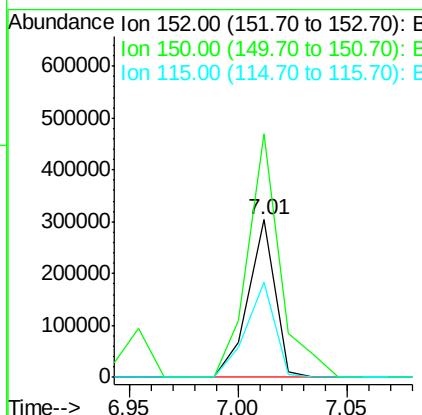
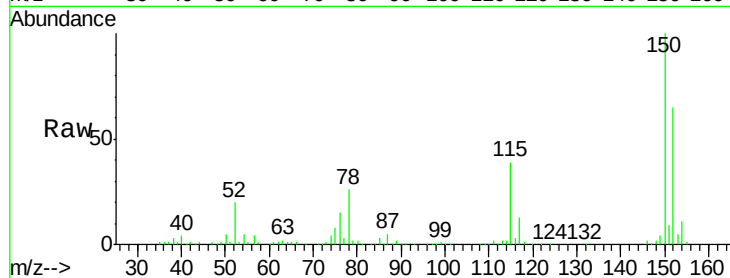
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.01 min Scan# 409
Delta R.T. 0.01 min
Lab File: BF090351.D
Acq: 4 Oct 2016 19:34

Instrument :
BNA_F
ClientSampleId :
PB93723BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.6	186.8
115	60.7	46.2	69.4

Manual Integrations
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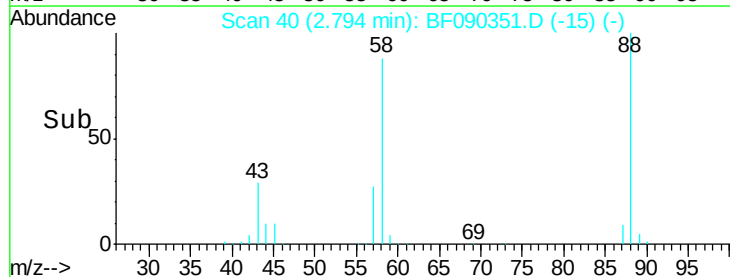
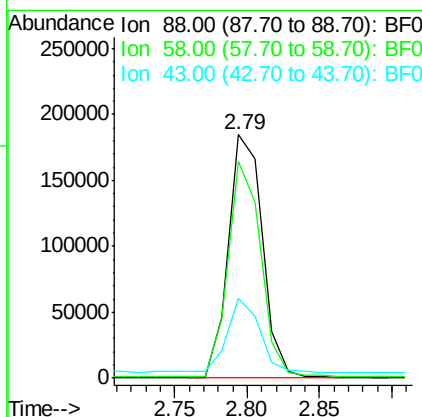
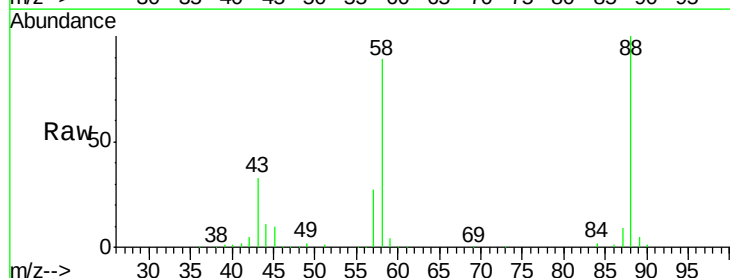
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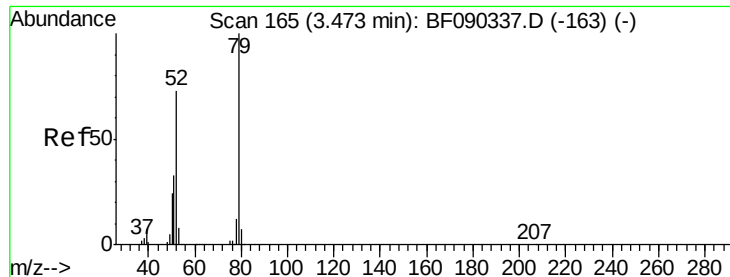


#2

1,4-Dioxane
Concen: 37.26 ng
RT: 2.79 min Scan# 40
Delta R.T. 0.09 min
Lab File: BF090351.D
Acq: 4 Oct 2016 19:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.0	71.2	106.8
43	29.4	29.8	44.6





#3

Pyridine

Concen: 41.46 ng

RT: 3.56 min Scan# 107

Delta R.T. 0.09 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

Instrument :

BNA_F

ClientSampleId :

PB93723BS

Tgt Ion: 79 Resp: 890869

Ion Ratio Lower Upper

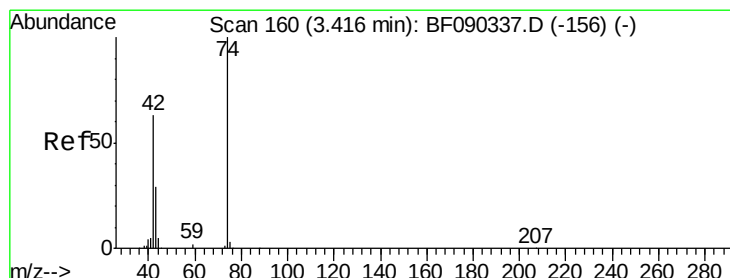
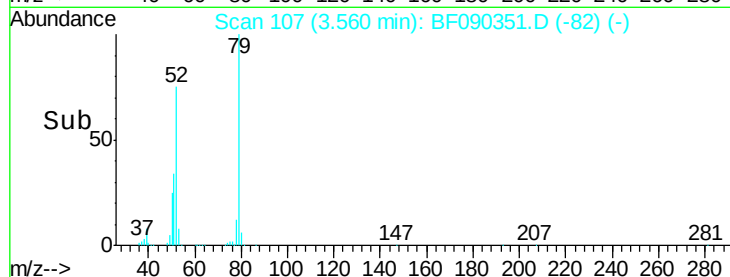
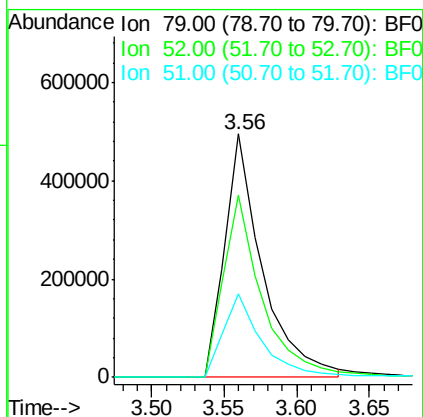
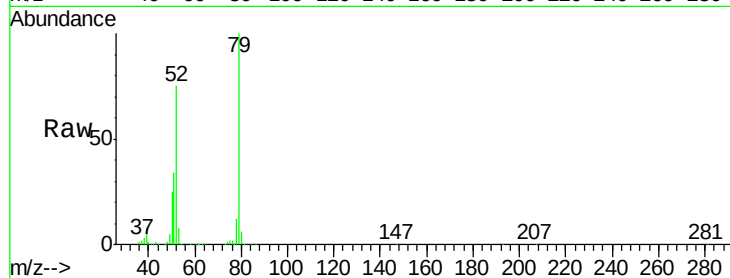
79 100

52 75.0 71.3 106.9

51 34.2 34.5 51.7#

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#4

n-Nitrosodimethylamine

Concen: 50.84 ng

RT: 3.51 min Scan# 103

Delta R.T. 0.10 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

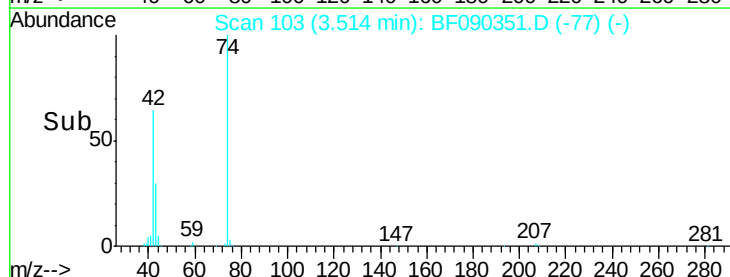
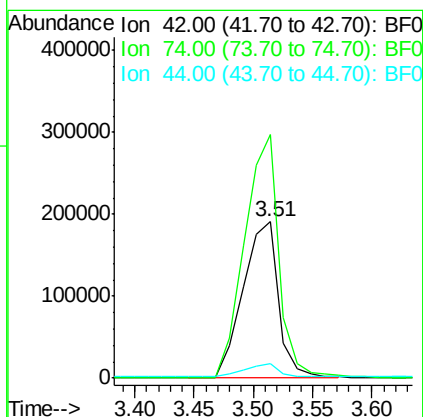
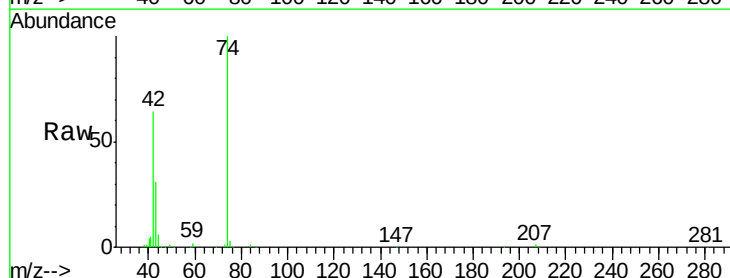
Tgt Ion: 42 Resp: 395745

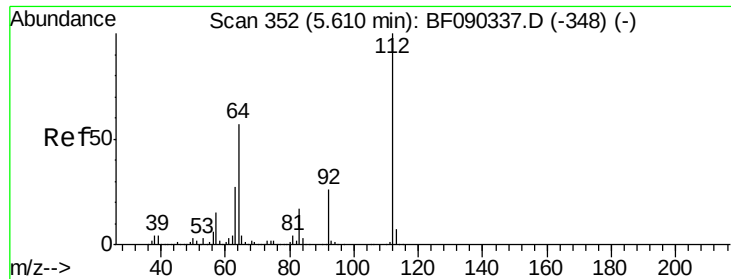
Ion Ratio Lower Upper

42 100

74 155.8 88.9 133.3#

44 9.0 6.5 9.7





#5

2-Fluorophenol

Concen: 128.35 ng

RT: 5.63 min Scan# 288

Delta R.T. 0.02 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

Instrument :

BNA_F

ClientSampleId :

PB93723BS

Tgt Ion: 112 Resp: 2131494

Ion Ratio Lower Upper

112 100

64 55.5 57.9 86.9#

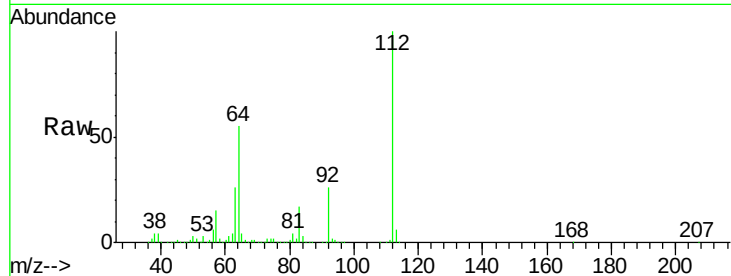
63 26.3 29.6 44.4#

Manual Integrations

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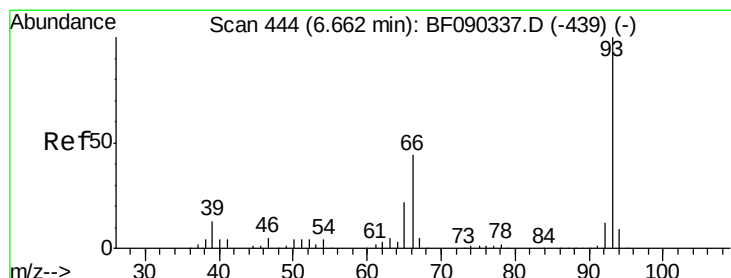
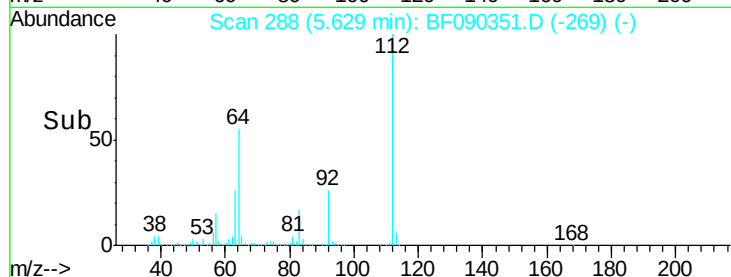
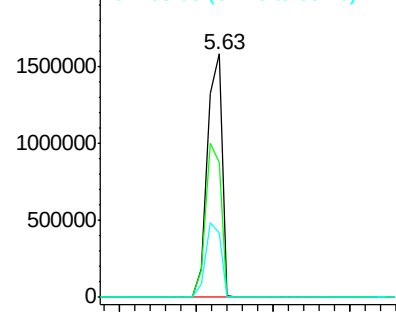
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 27.01 ng

RT: 6.67 min Scan# 379

Delta R.T. 0.01 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

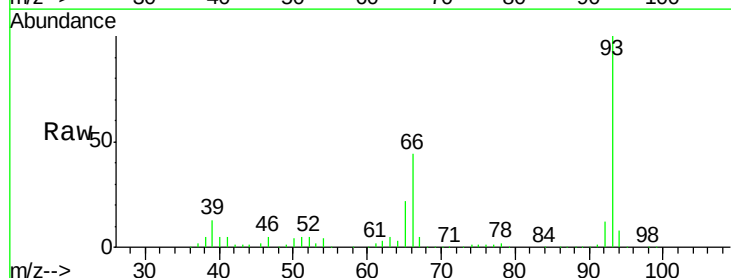
Tgt Ion: 93 Resp: 770411

Ion Ratio Lower Upper

93 100

66 44.1 34.5 51.7

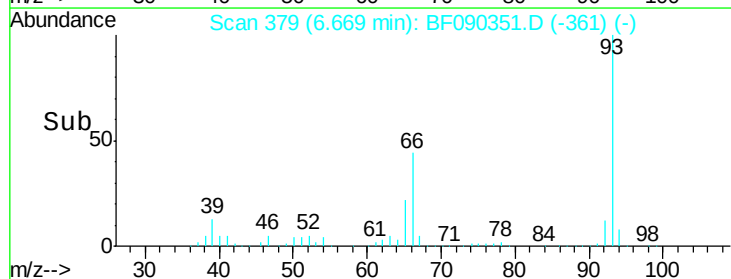
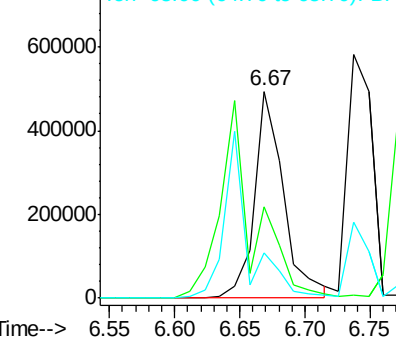
65 22.2 18.2 27.2

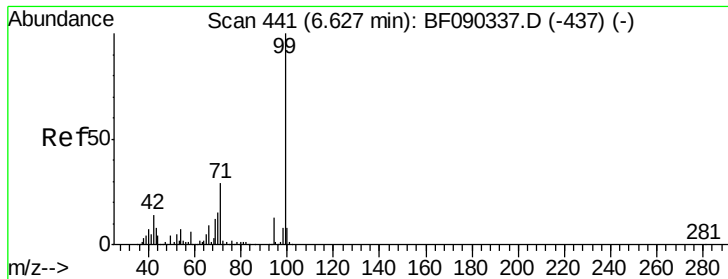


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 128.06 ng

RT: 6.63 min Scan# 376

Delta R.T. 0.01 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

Instrument :

BNA_F

ClientSampled :

PB93723BS

Tgt Ion: 99 Resp: 2658465

Ion Ratio Lower Upper

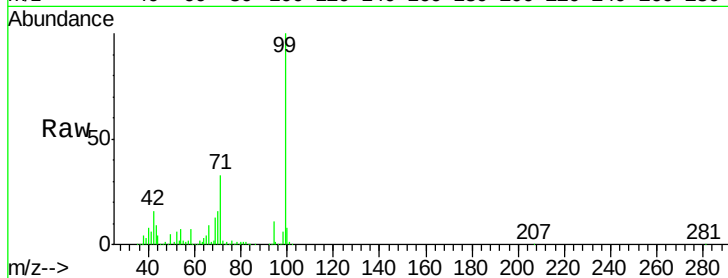
99 100

42 16.4 20.0 30.0#

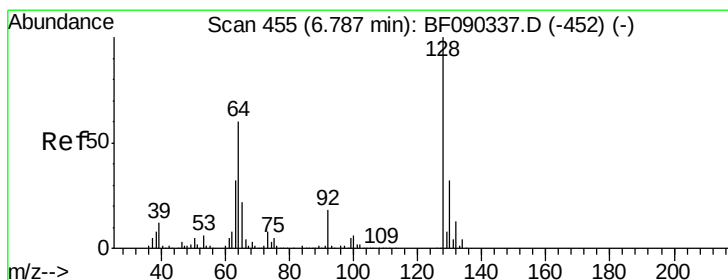
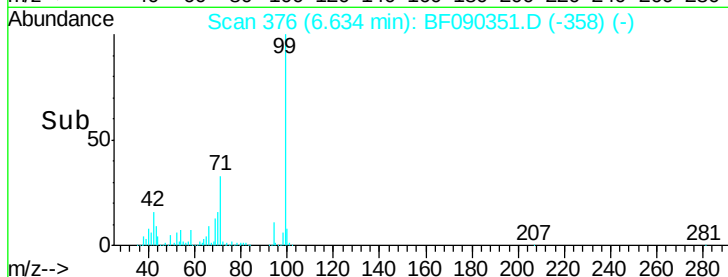
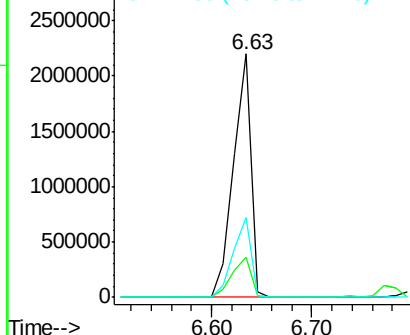
71 32.5 27.9 41.9

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.84 ng

RT: 6.79 min Scan# 390

Delta R.T. 0.01 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

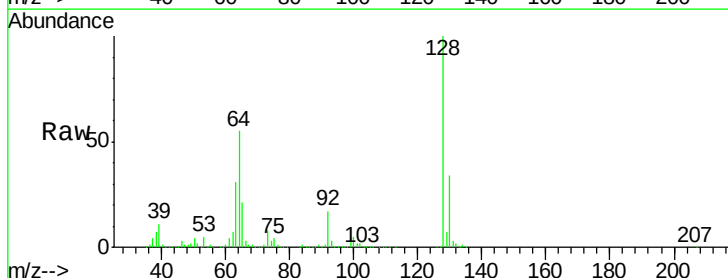
Tgt Ion: 128 Resp: 799349

Ion Ratio Lower Upper

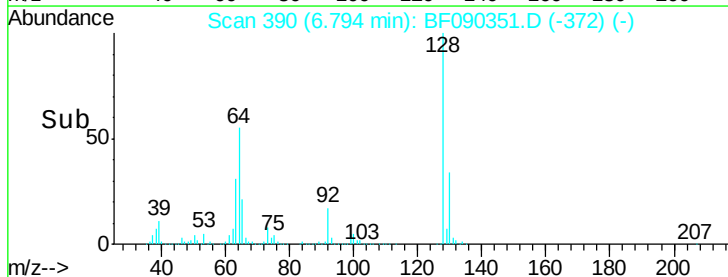
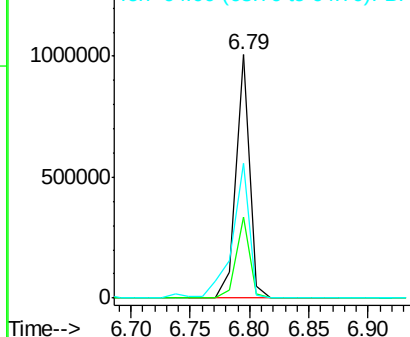
128 100

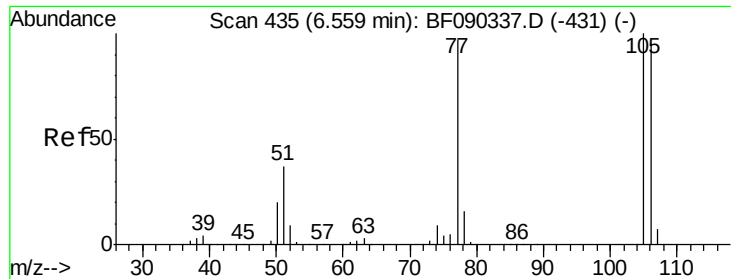
130 33.5 13.3 53.3

64 55.2 36.0 76.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 9.39 ng

RT: 6.55 min Scan# 369

Delta R.T. -0.00 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

Instrument :

BNA_F

ClientSampled :

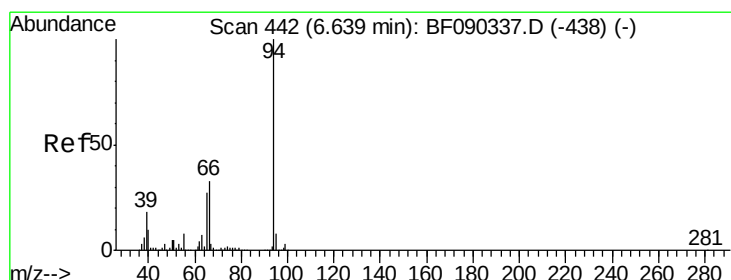
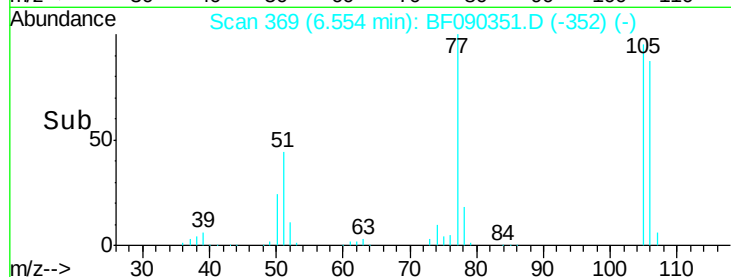
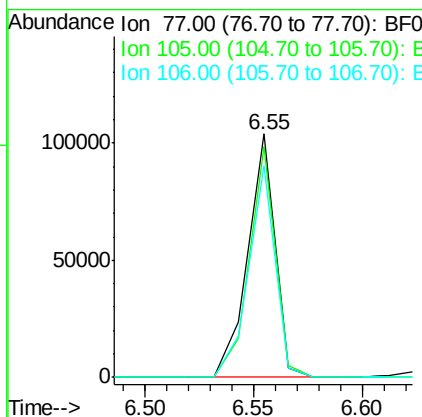
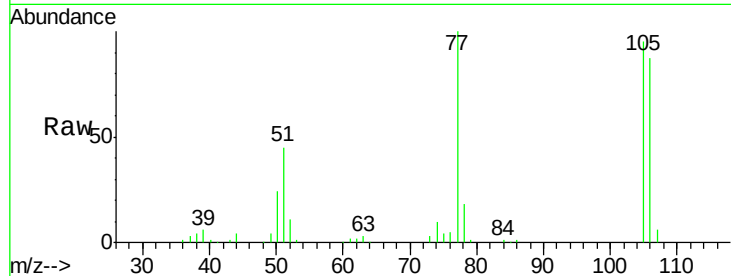
PB93723BS

Tgt Ion: 77 Resp: 90523

Ion	Ratio	Lower	Upper
77	100		
105	94.8	73.1	113.1
106	87.1	70.2	110.2

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#10

Phenol

Concen: 47.48 ng

RT: 6.65 min Scan# 377

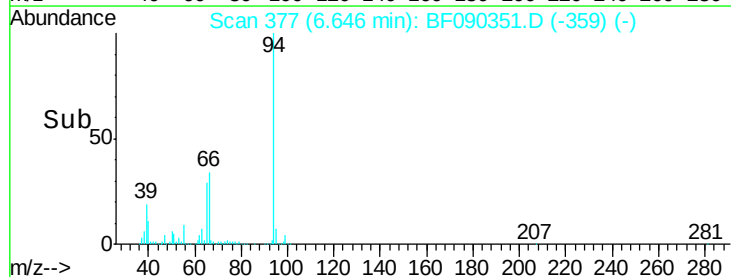
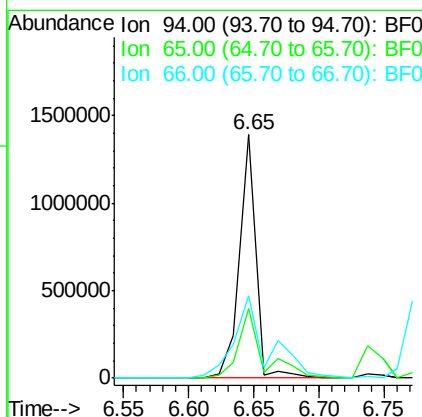
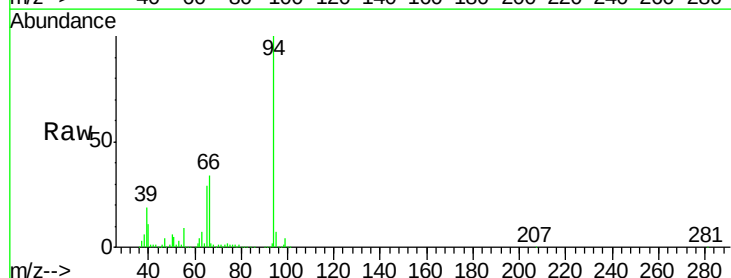
Delta R.T. 0.01 min

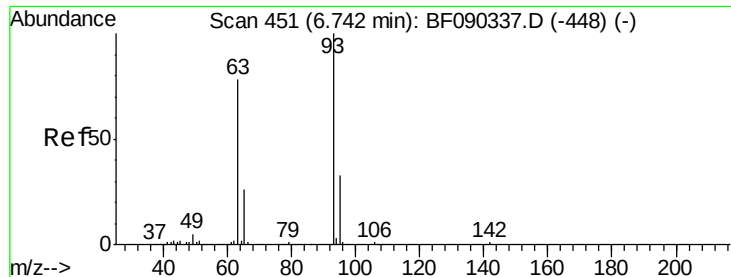
Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

Tgt Ion: 94 Resp: 1198767

Ion	Ratio	Lower	Upper
94	100		
65	28.6	13.3	53.3
66	33.9	20.4	60.4





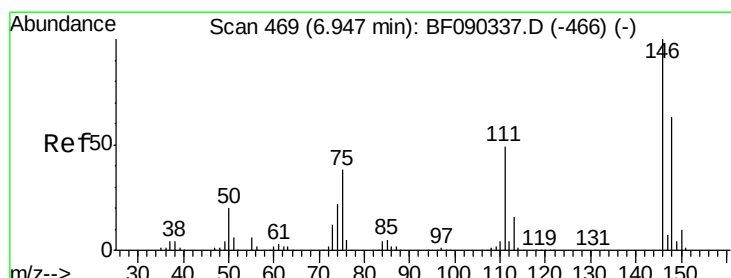
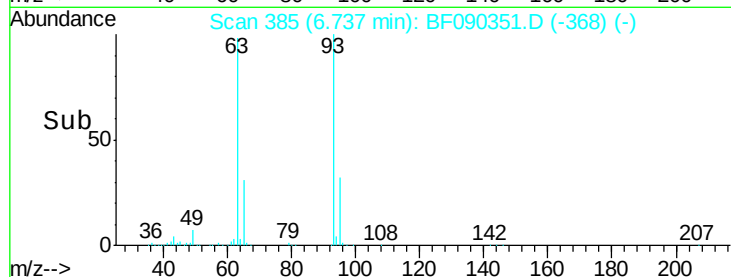
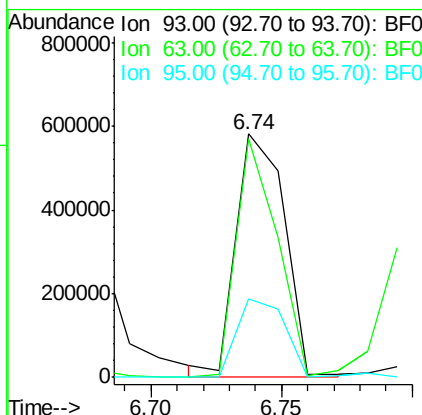
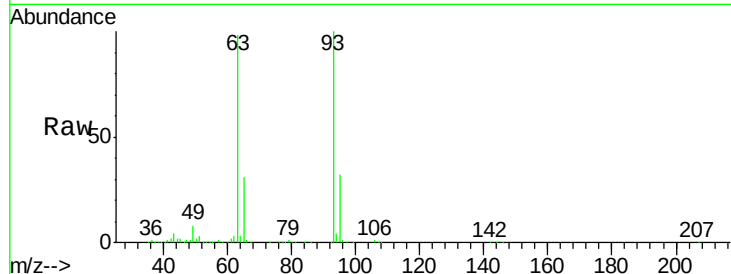
#11
bis(2-Chloroethyl)ether
Concen: 42.21 ng
RT: 6.74 min Scan# 385
Delta R.T. -0.00 min
Lab File: BF090351.D
Acq: 4 Oct 2016 19:34

Instrument :
BNA_F
ClientSampleId :
PB93723BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	97.7	59.7	99.7
95	32.2	14.0	54.0

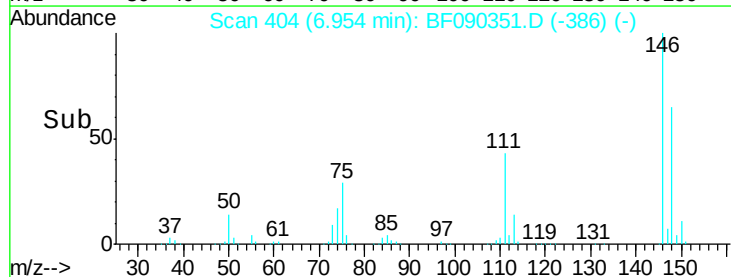
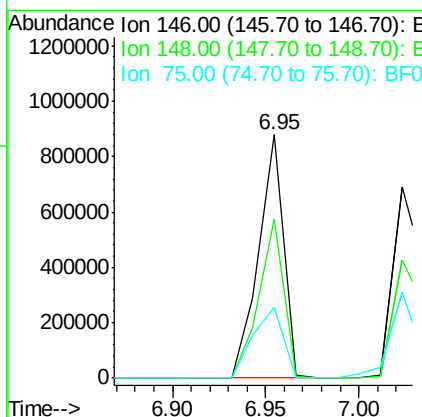
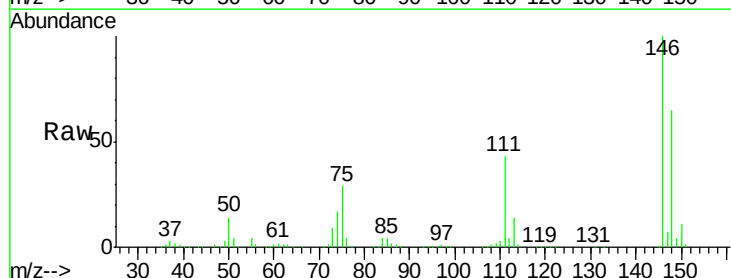
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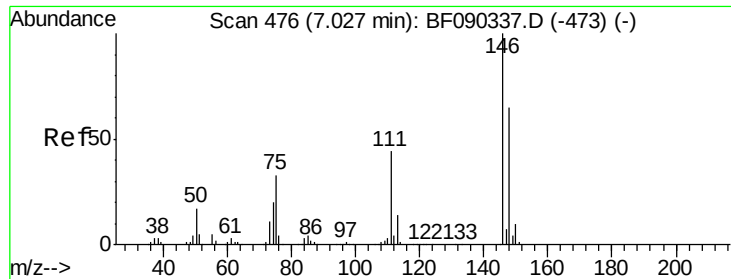
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#12
1,3-Dichlorobenzene
Concen: 41.68 ng
RT: 6.95 min Scan# 404
Delta R.T. 0.01 min
Lab File: BF090351.D
Acq: 4 Oct 2016 19:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	52.2	78.4
75	28.9	21.4	32.2





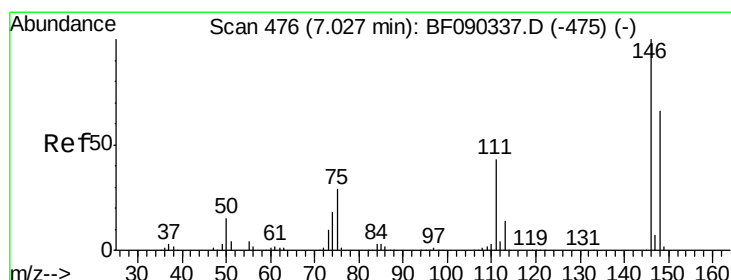
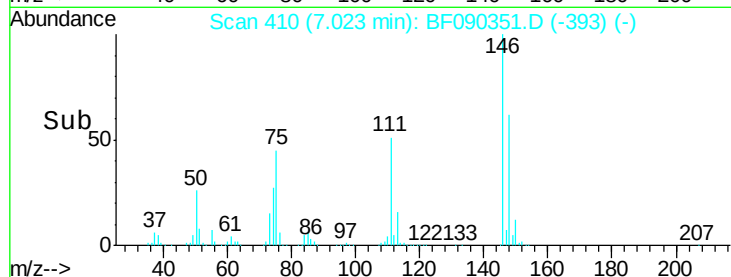
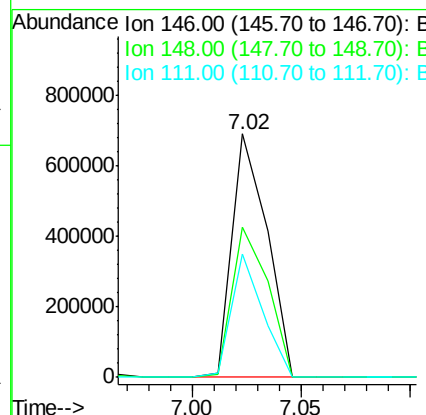
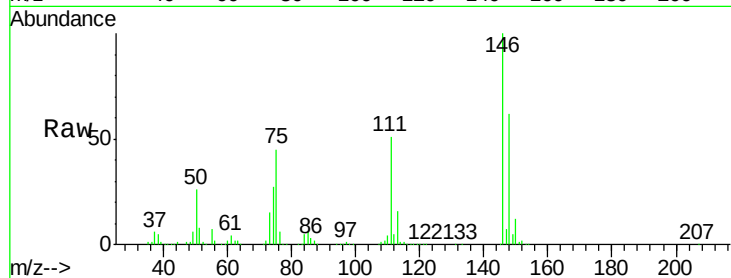
#13
1,4-Dichlorobenzene
Concen: 38.98 ng
RT: 7.02 min Scan# 410
Delta R.T. -0.00 min
Lab File: BF090351.D
Acq: 4 Oct 2016 19:34

Instrument :
BNA_F
ClientSampleId :
PB93723BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.7	51.1	76.7
111	50.6	37.8	56.6

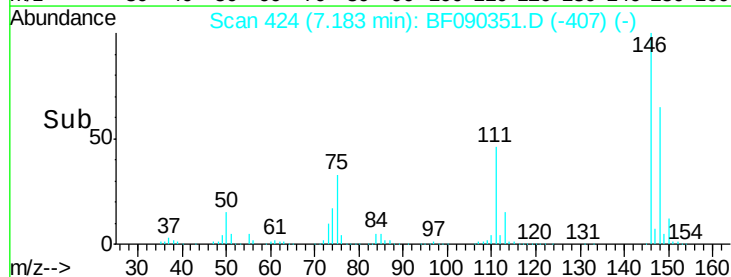
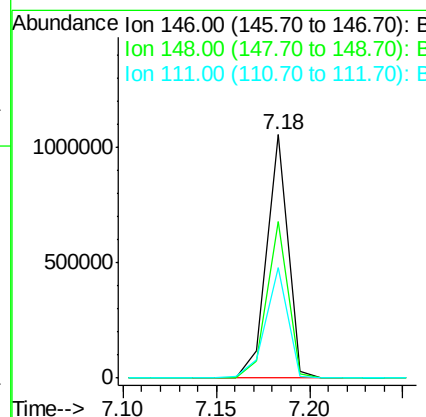
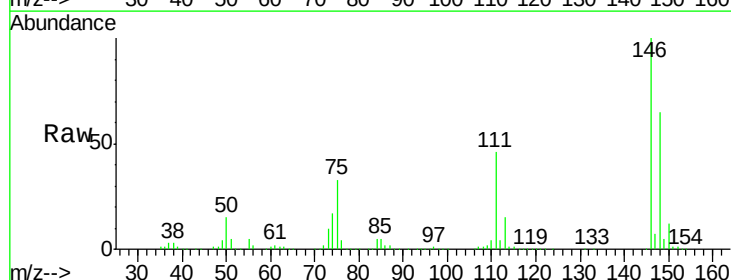
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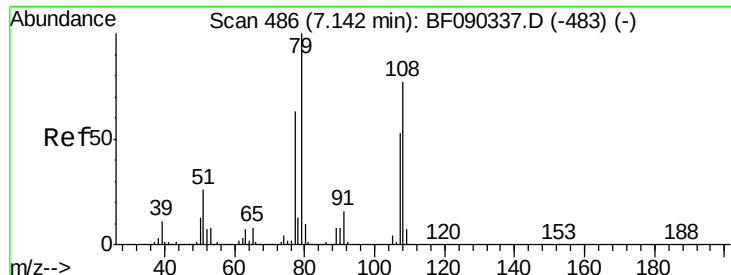
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#14
1,2-Dichlorobenzene
Concen: 44.21 ng
RT: 7.18 min Scan# 424
Delta R.T. -0.00 min
Lab File: BF090351.D
Acq: 4 Oct 2016 19:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.3	78.5
111	45.5	38.2	57.4





#15

Benzyl Alcohol

Concen: 52.07 ng

RT: 7.15 min Scan# 421

Delta R.T. 0.01 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

Instrument :

BNA_F

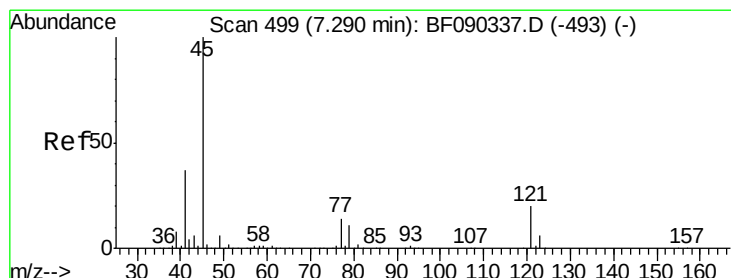
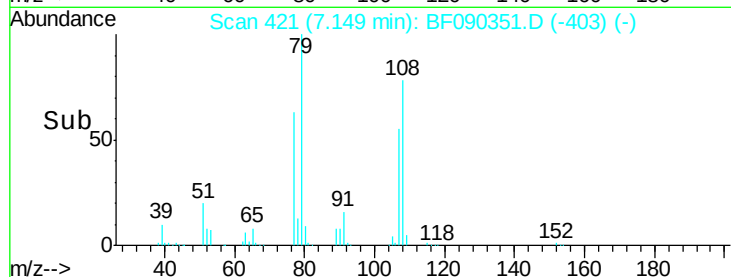
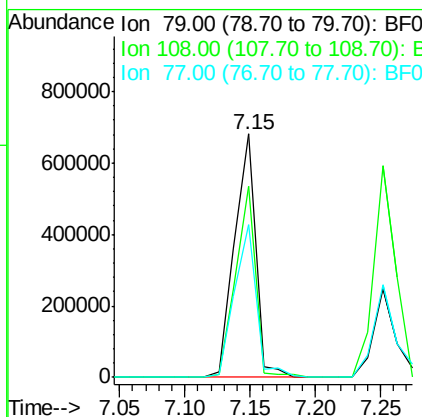
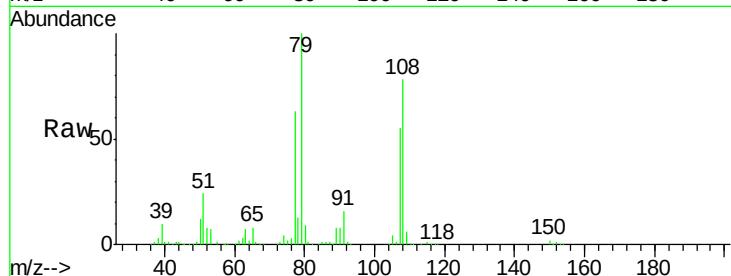
ClientSampleId :

PB93723BS

Tgt Ion:	79	Resp:	761990
Ion Ratio	Lower	Upper	
79	100		
108	78.3	60.9	91.3
77	62.9	51.5	77.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.19 ng

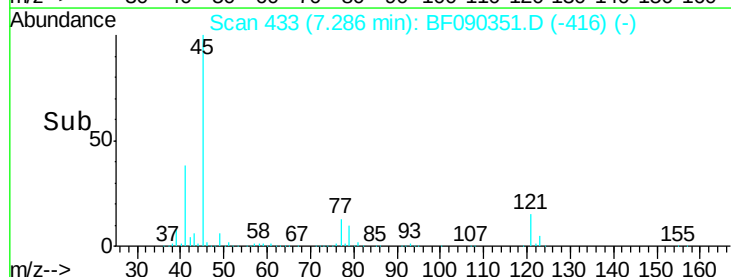
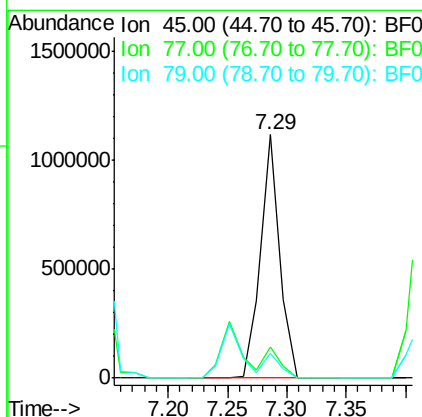
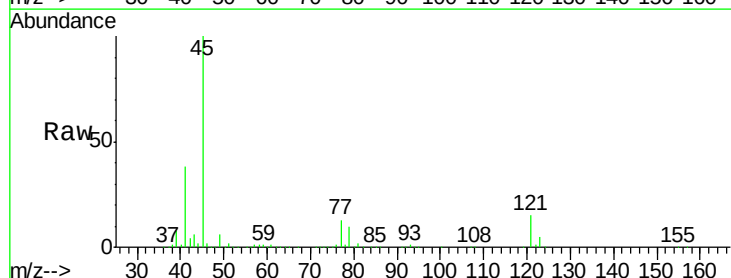
RT: 7.29 min Scan# 433

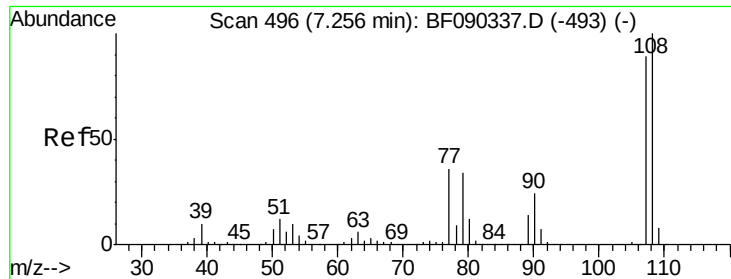
Delta R.T. -0.00 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

Tgt Ion:	45	Resp:	1265802
Ion Ratio	Lower	Upper	
45	100		
77	12.7	0.0	30.8
79	10.0	0.0	28.2





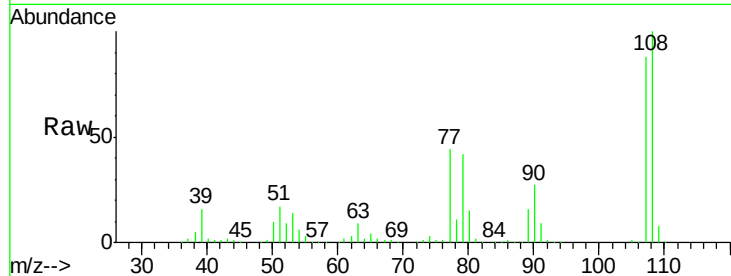
#17
2-Methylphenol
Concen: 42.00 ng
RT: 7.25 min Scan# 430
Delta R.T. -0.00 min
Lab File: BF090351.D
Acq: 4 Oct 2016 19:34

Instrument :
BNA_F
ClientSampleId :
PB93723BS

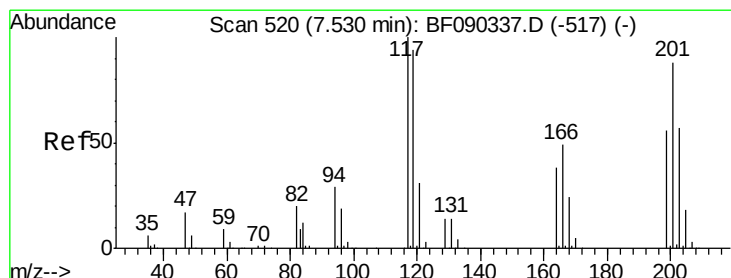
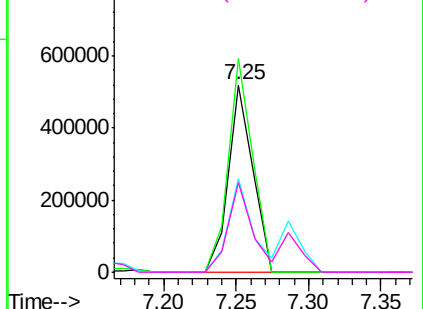
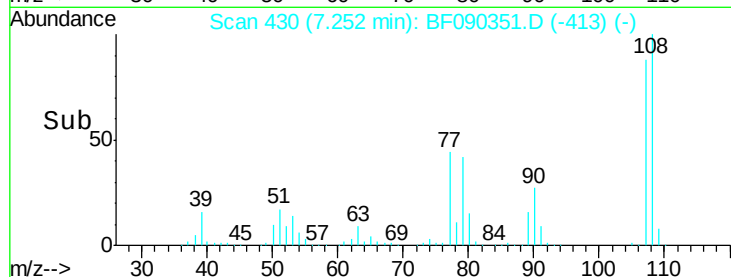
Tgt Ion:	107	Resp:	607099
Ion Ratio	Lower	Upper	
107	100		
108	114.2	90.9	136.3
77	49.9	38.2	57.4
79	48.2	37.0	55.4

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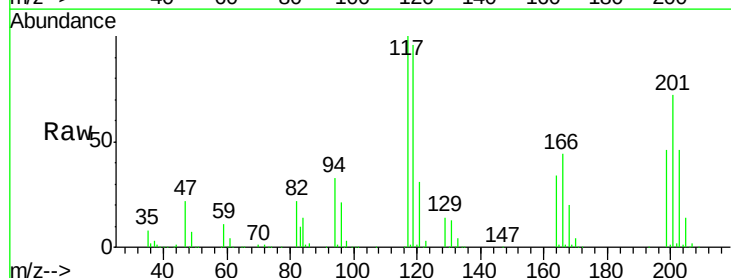


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

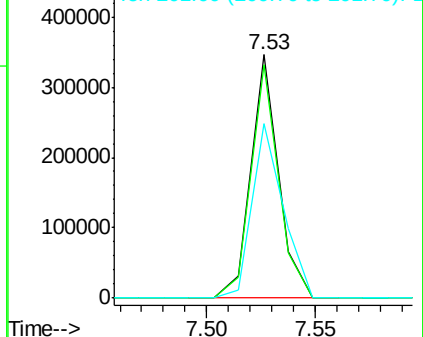
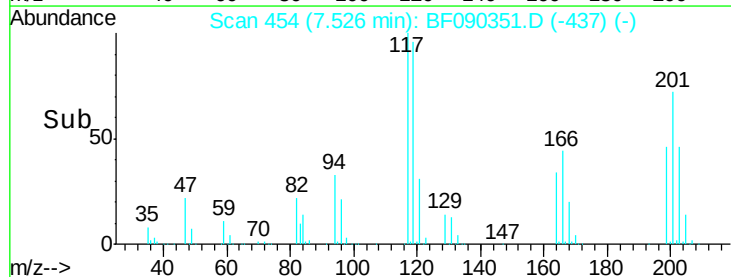


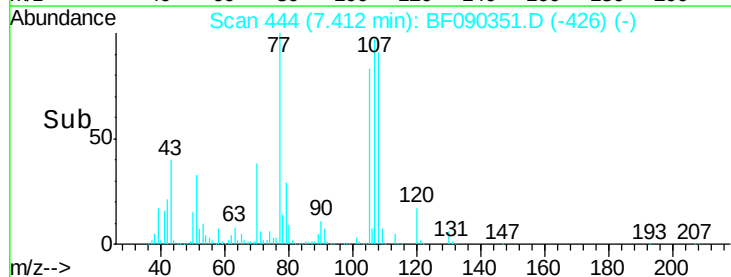
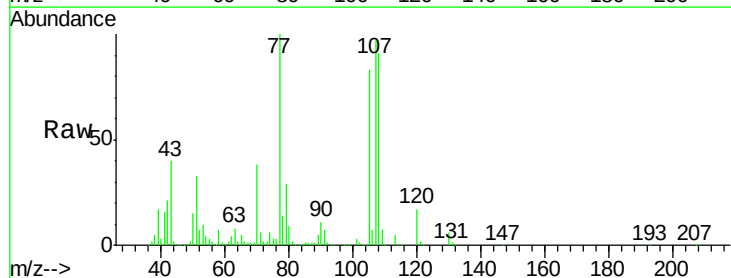
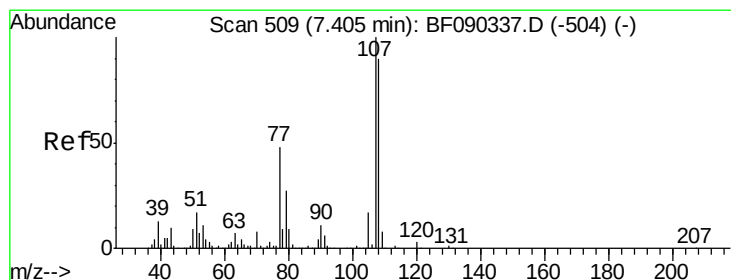
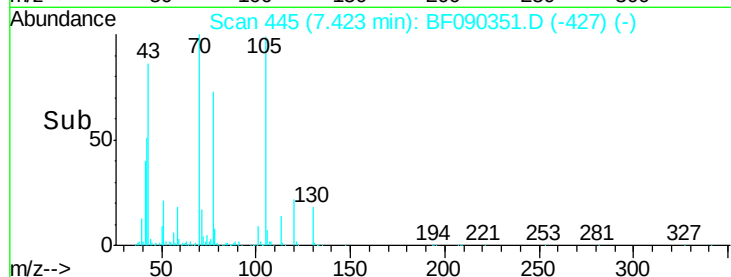
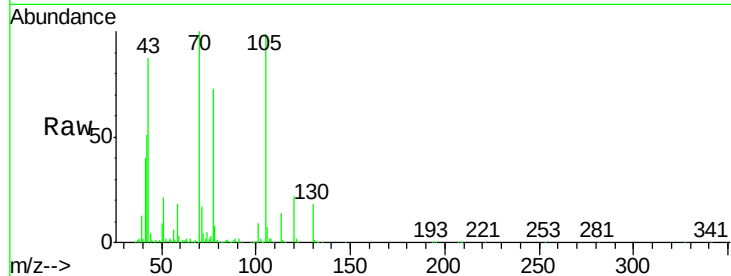
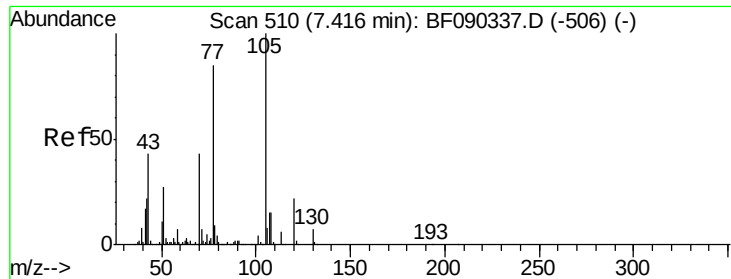
#18
Hexachloroethane
Concen: 42.76 ng
RT: 7.53 min Scan# 454
Delta R.T. -0.00 min
Lab File: BF090351.D
Acq: 4 Oct 2016 19:34

Tgt Ion:	117	Resp:	304521
Ion Ratio	Lower	Upper	
117	100		
119	95.8	75.9	113.9
201	71.6	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: 51.40 ng

RT: 7.42 min Scan# 445

Delta R.T. 0.01 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

Instrument :

BNA_F

ClientSampleId :

PB93723BS

Tgt Ion: 70 Resp: 681421

Ion Ratio Lower Upper

70 100

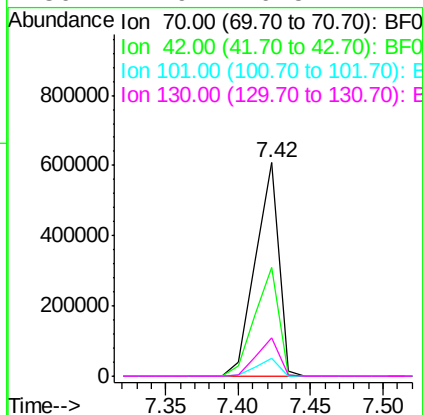
42 50.9 55.4 83.2#

101 8.6 7.6 11.4

130 17.9 16.5 24.7

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#20

3+4-Methylphenols

Concen: 46.32 ng

RT: 7.41 min Scan# 444

Delta R.T. 0.01 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

Tgt Ion: 107 Resp: 851275

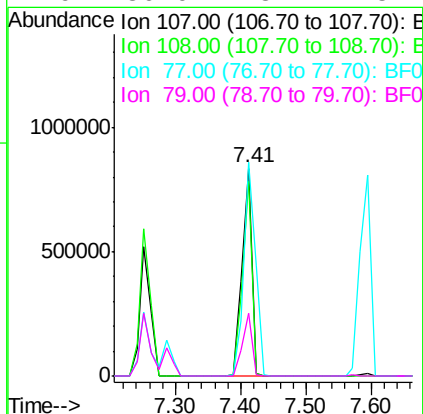
Ion Ratio Lower Upper

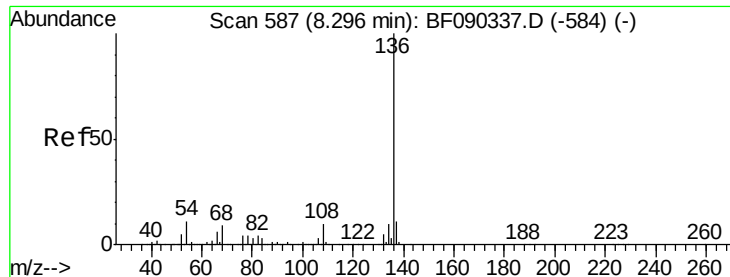
107 100

108 93.8 66.7 106.7

77 103.0 53.7 93.7#

79 30.0 8.4 48.4





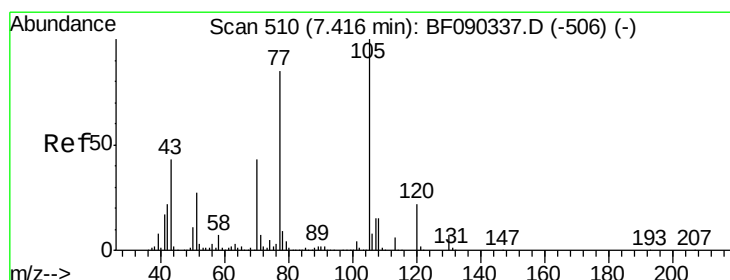
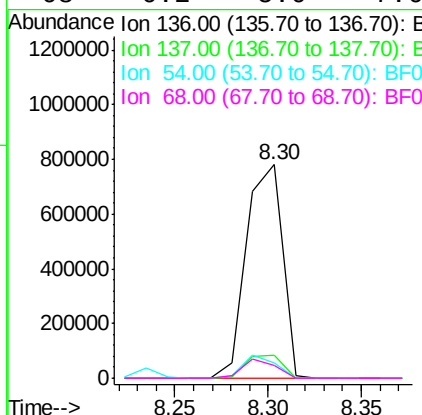
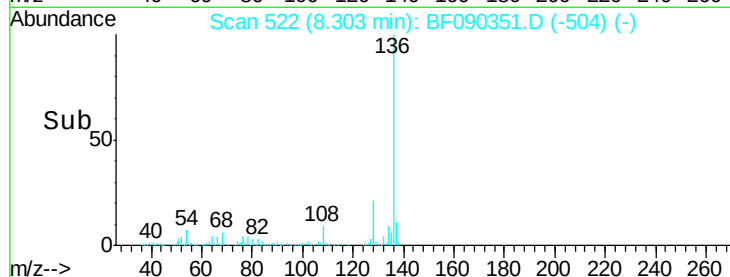
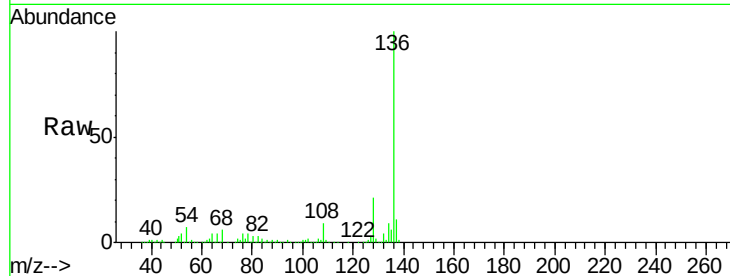
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.30 min Scan# 522
Delta R.T. 0.01 min
Lab File: BF090351.D
Acq: 4 Oct 2016 19:34

Instrument :
BNA_F
ClientSampleId :
PB93723BS

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.6
54	7.1	6.6	10.0
68	6.2	5.0	7.6

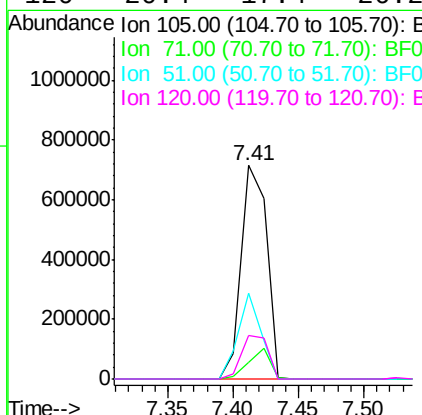
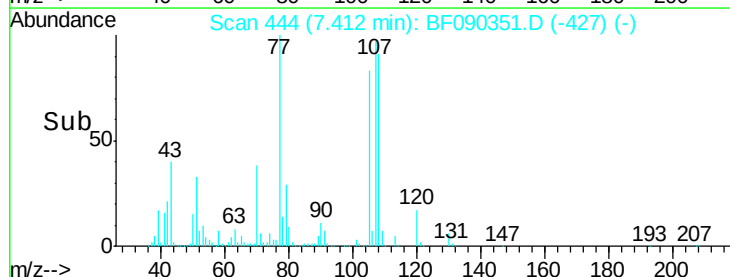
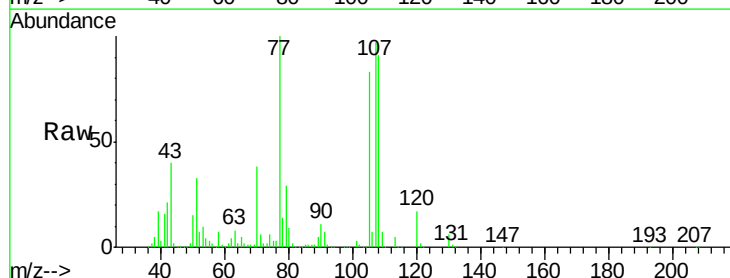
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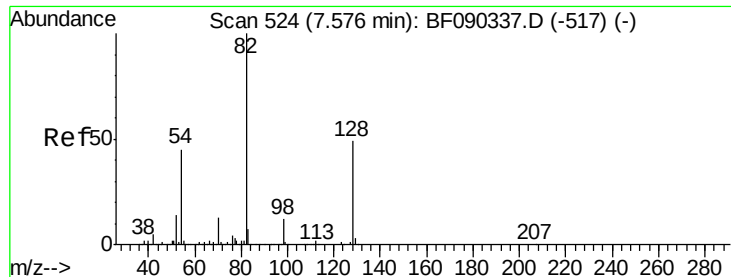
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#22
Acetophenone
Concen: 39.95 ng
RT: 7.41 min Scan# 444
Delta R.T. -0.00 min
Lab File: BF090351.D
Acq: 4 Oct 2016 19:34

Tgt Ion	Ratio	Lower	Upper
105	100		
71	7.8	3.8	5.6#
51	39.9	28.2	42.4
120	20.4	17.4	26.2





#23

Nitrobenzene-d5

Concen: 91.60 ng

RT: 7.57 min Scan# 458

Delta R.T. -0.00 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

Instrument :

BNA_F

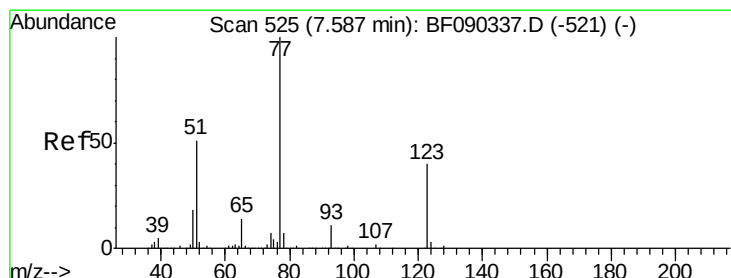
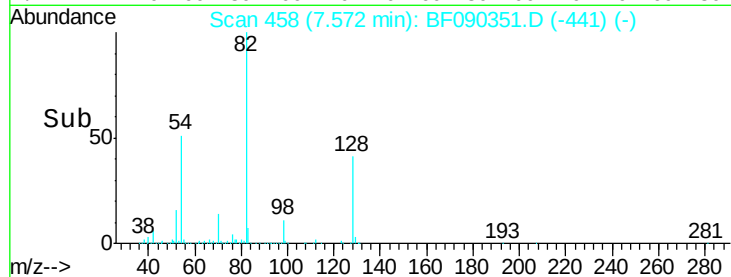
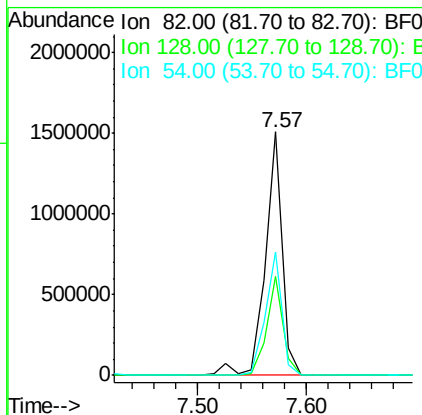
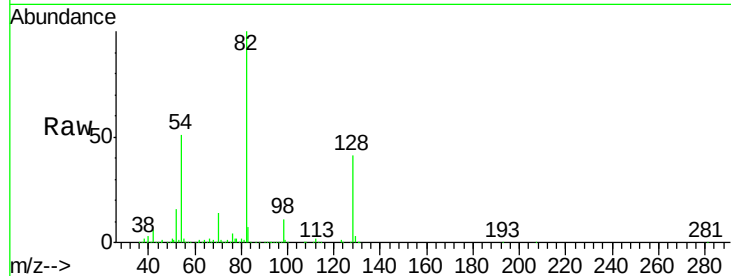
ClientSampleId :

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Tgt Ion:	82	Resp:	1645455
Ion	Ratio	Lower	Upper
82	100		
128	40.8	40.0	60.0
54	50.9	42.6	64.0

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#24

Nitrobenzene

Concen: 47.98 ng

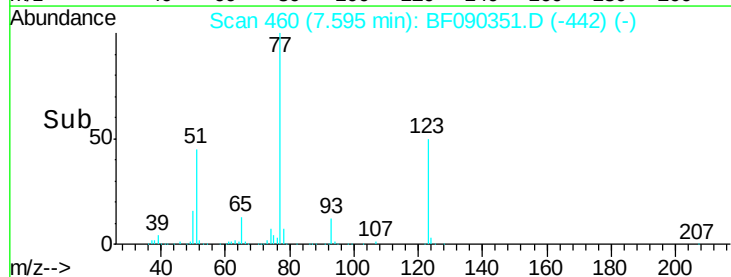
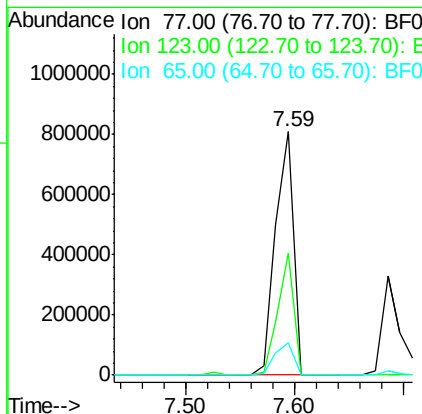
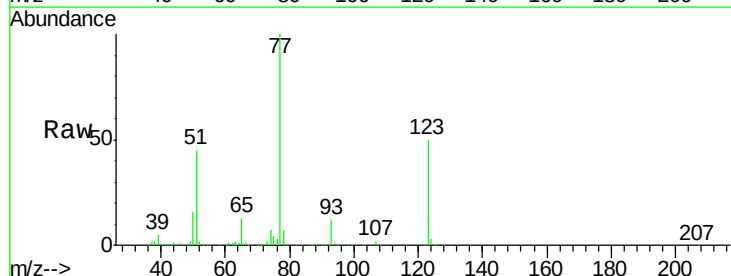
RT: 7.59 min Scan# 460

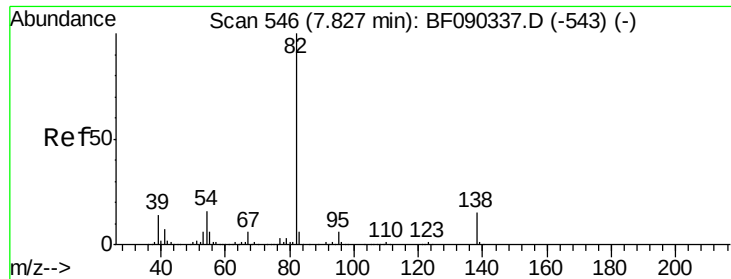
Delta R.T. 0.01 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

Tgt Ion:	77	Resp:	920263
Ion	Ratio	Lower	Upper
77	100		
123	49.9	33.0	49.4#
65	13.2	12.0	18.0





#25

Isophorone

Concen: 46.70 ng

RT: 7.83 min Scan# 481

Delta R.T. 0.01 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

Instrument :

BNA_F

ClientSampleId :

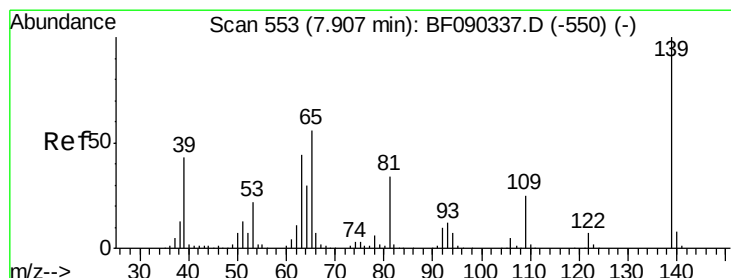
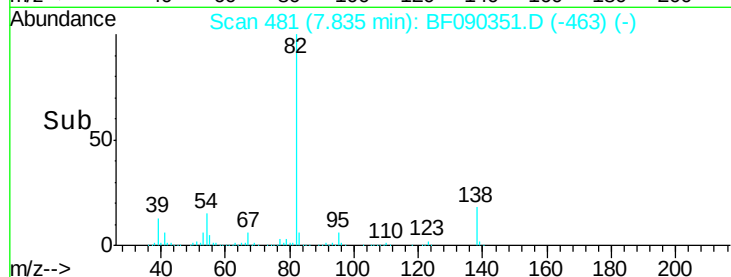
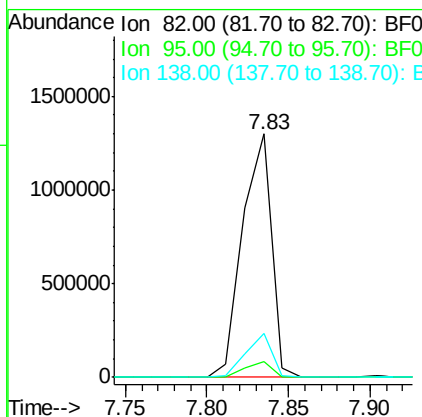
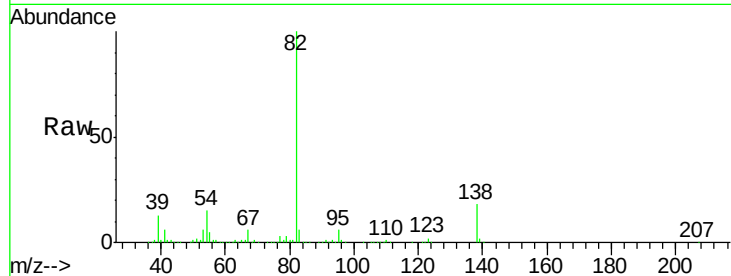
PB93723BS

Tgt Ion: 82 Resp: 1596051

Ion	Ratio	Lower	Upper
82	100		
95	6.5	5.2	7.8
138	18.2	13.0	19.4

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#26

2-Nitrophenol

Concen: 45.95 ng

RT: 7.91 min Scan# 488

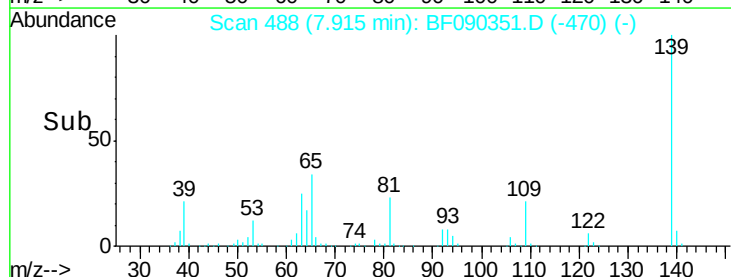
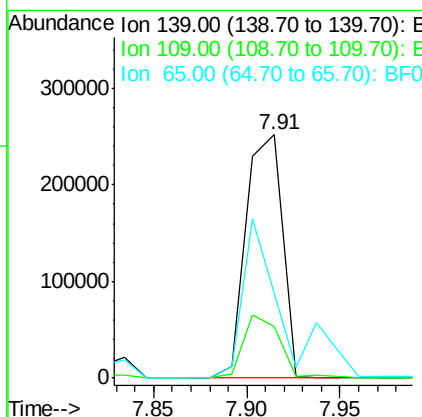
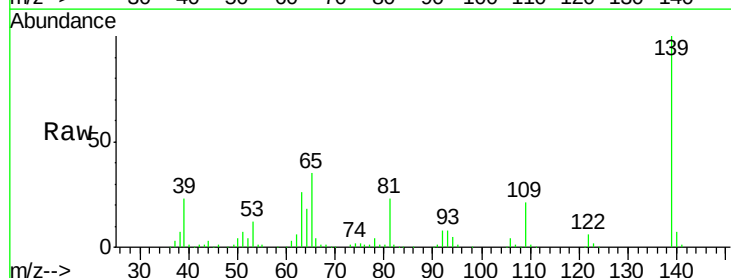
Delta R.T. 0.01 min

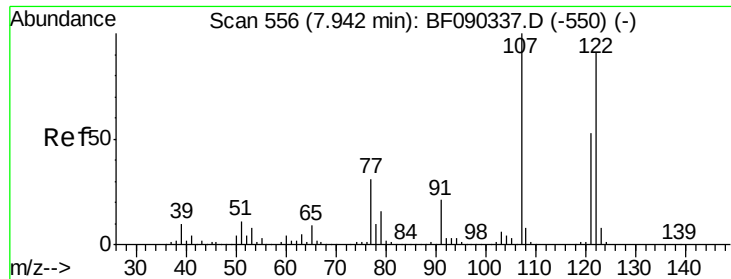
Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

Tgt Ion: 139 Resp: 340081

Ion	Ratio	Lower	Upper
139	100		
109	21.2	18.9	28.3
65	34.9	31.6	47.4





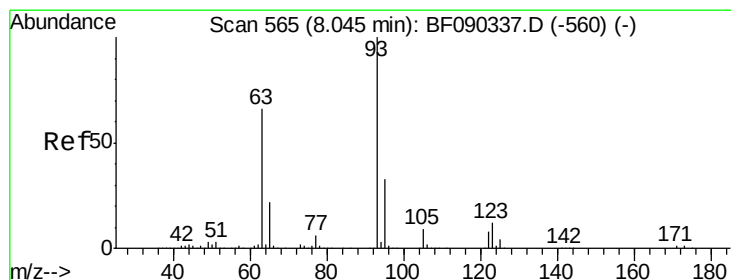
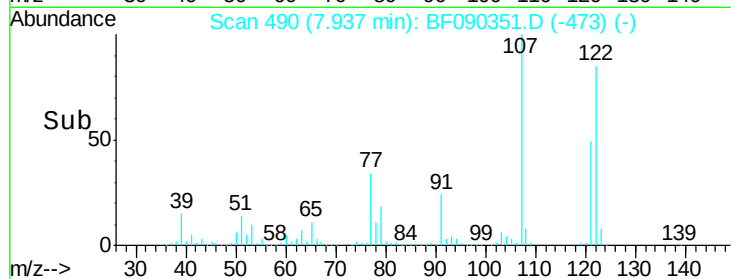
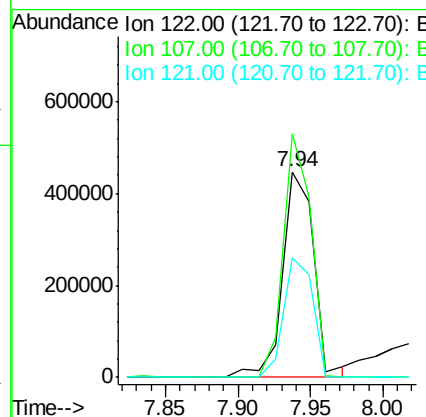
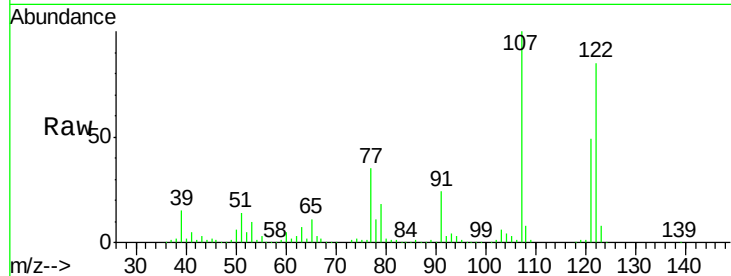
#27
 2,4-Dimethylphenol
 Concen: 39.88 ng
 RT: 7.94 min Scan# 490
 Delta R.T. -0.00 min
 Lab File: BF090351.D
 Acq: 4 Oct 2016 19:34

Instrument :
 BNA_F
 ClientSampleId :
 PB93723BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	665861		
107	118.3	88.6	132.8	
121	58.3	47.5	71.3	

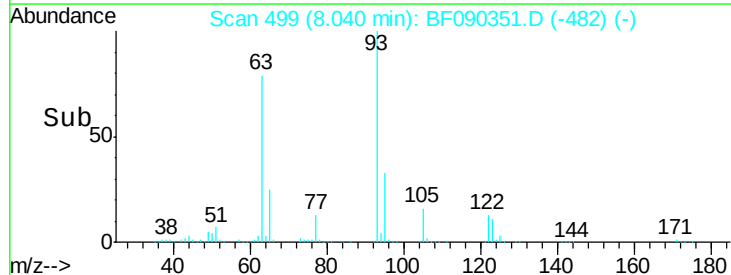
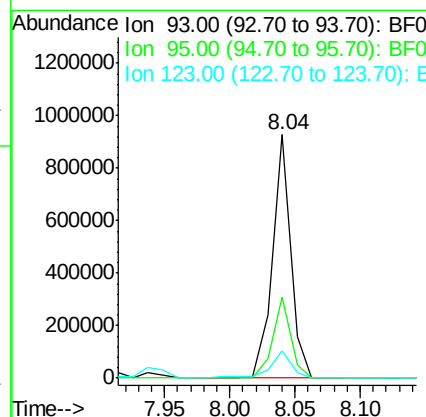
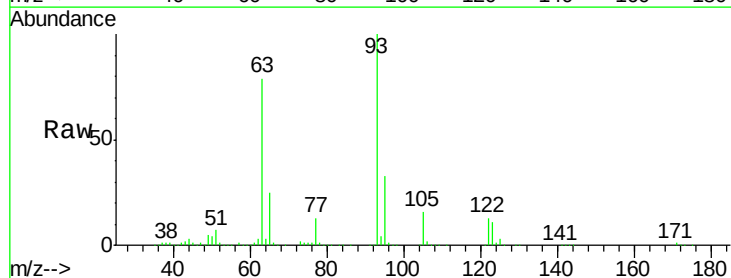
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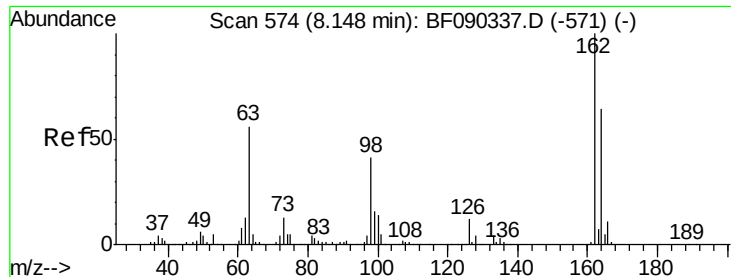
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#28
 bis(2-Chloroethoxy)methane
 Concen: 43.19 ng
 RT: 8.04 min Scan# 499
 Delta R.T. -0.00 min
 Lab File: BF090351.D
 Acq: 4 Oct 2016 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	916456		
95	33.2	27.0	40.4	
123	11.0	11.1	16.7	





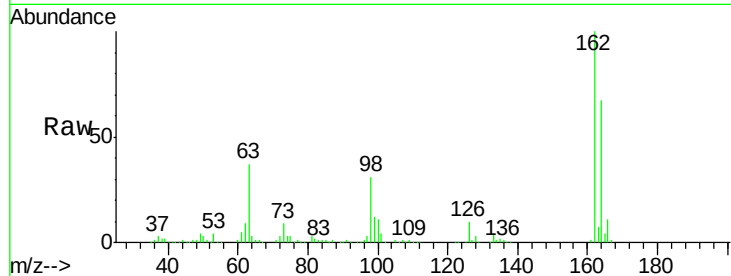
#29
 2,4-Dichlorophenol
 Concen: 39.03 ng
 RT: 8.15 min Scan# 509
 Delta R.T. 0.01 min
 Lab File: BF090351.D
 Acq: 4 Oct 2016 19:34

Instrument :
 BNA_F
 ClientSampled :
 PB93723BS

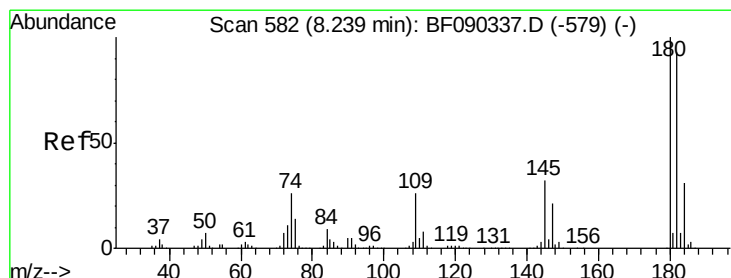
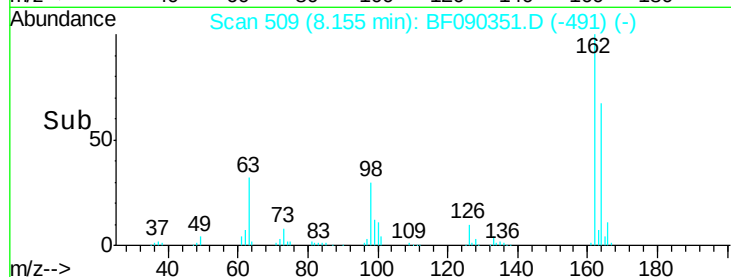
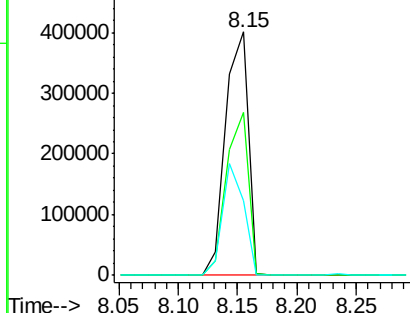
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	533520		
164	66.8	45.7	85.7	
98	30.5	13.3	53.3	

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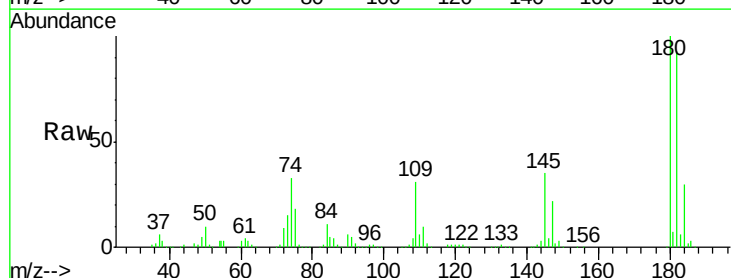


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

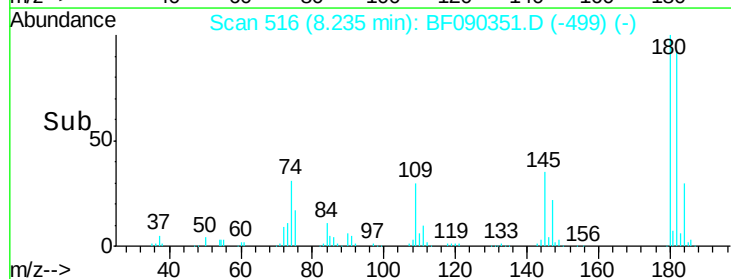
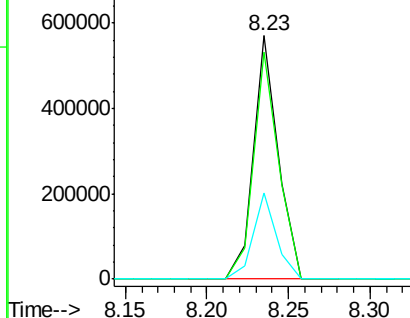


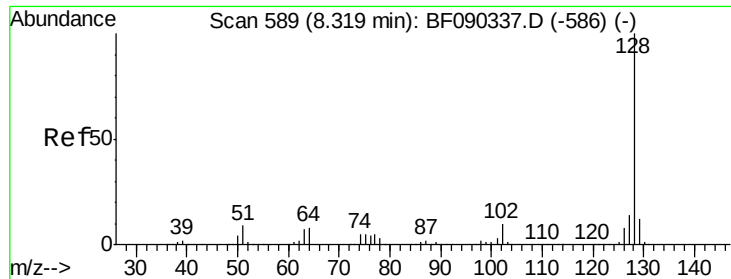
#30
 1,2,4-Trichlorobenzene
 Concen: 39.22 ng
 RT: 8.23 min Scan# 516
 Delta R.T. -0.00 min
 Lab File: BF090351.D
 Acq: 4 Oct 2016 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	600410		
182	93.5	75.3	112.9	
145	35.2	27.7	41.5	



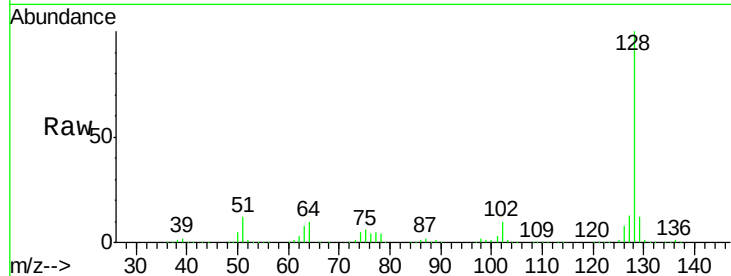
Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31
Naphthalene
Concen: 41.29 ng
RT: 8.31 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF090351.D
Acq: 4 Oct 2016 19:34

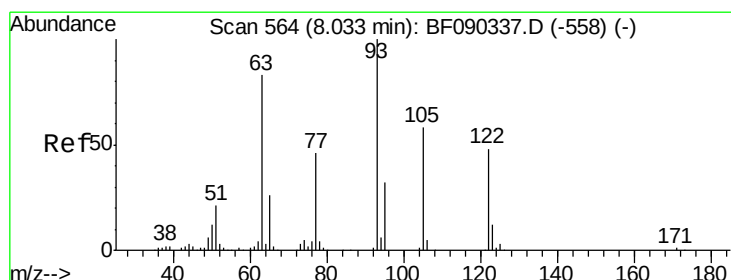
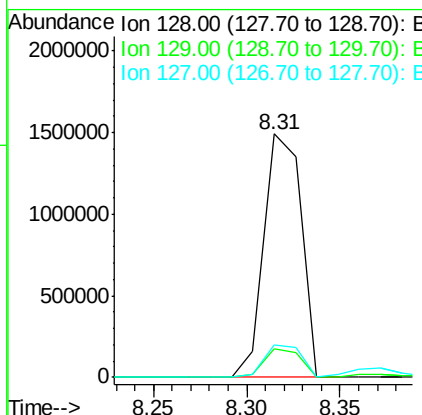
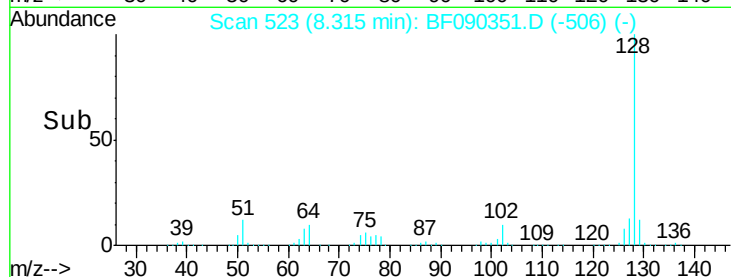
Instrument :
BNA_F
ClientSampleId :
PB93723BS



Tgt Ion:128 Resp: 2066412
Ion Ratio Lower Upper
128 100
129 11.9 9.7 14.5
127 13.4 11.7 17.5

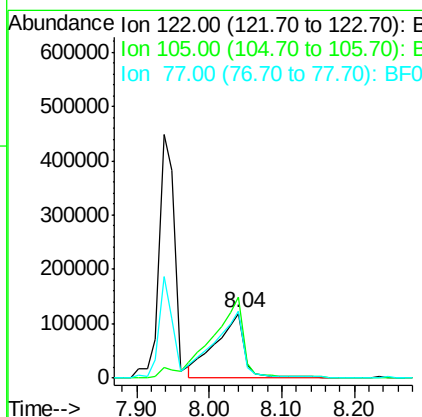
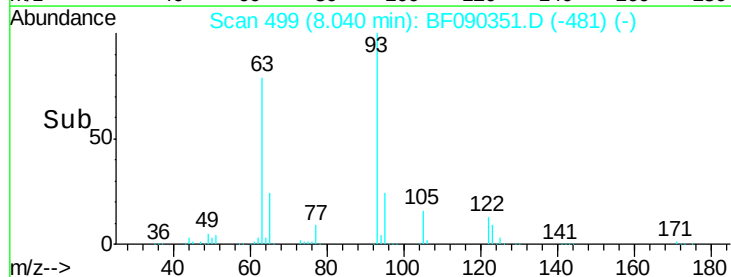
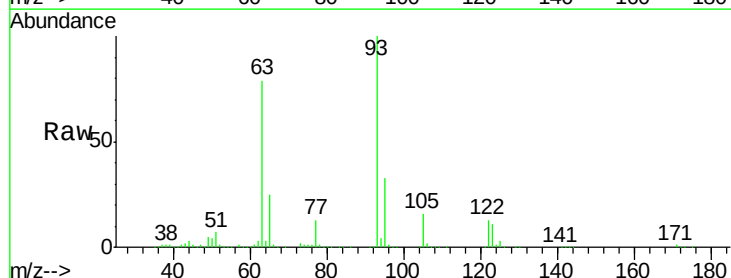
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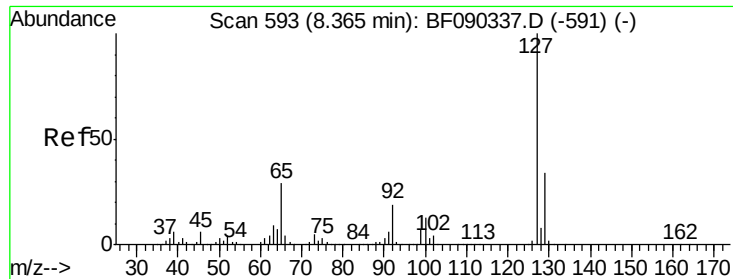
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#32
Benzoic acid
Concen: 32.61 ng
RT: 8.04 min Scan# 499
Delta R.T. 0.01 min
Lab File: BF090351.D
Acq: 4 Oct 2016 19:34

Tgt Ion:122 Resp: 329712
Ion Ratio Lower Upper
122 100
105 124.3 103.9 143.9
77 103.3 74.6 114.6





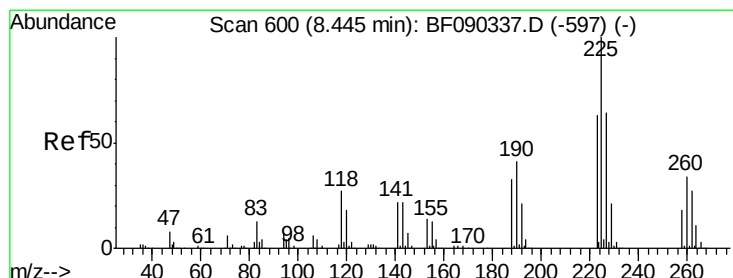
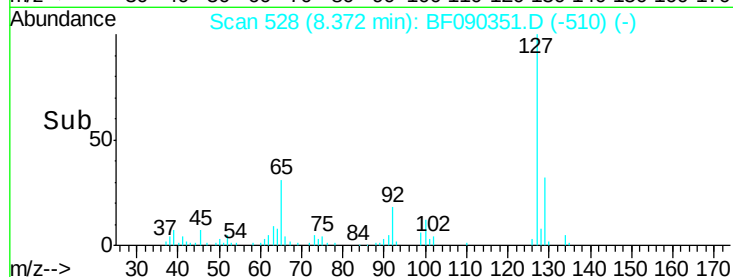
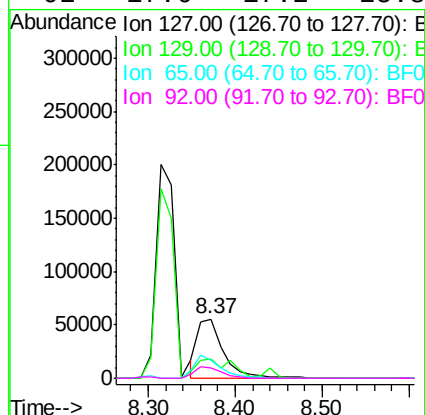
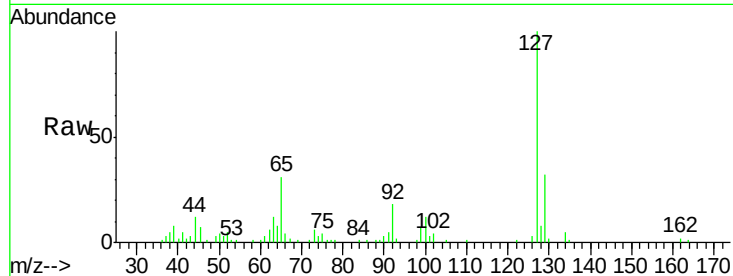
#33
 4-Chloroaniline
 Concen: 5.80 ng
 RT: 8.37 min Scan# 528
 Delta R.T. 0.01 min
 Lab File: BF090351.D
 Acq: 4 Oct 2016 19:34

Instrument :
 BNA_F
 ClientSampleId :
 PB93723BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.6	26.2	39.4	
65	30.9	32.5	48.7	
92	17.6	17.2	25.8	

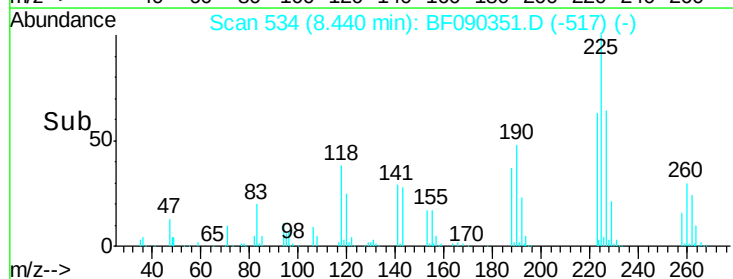
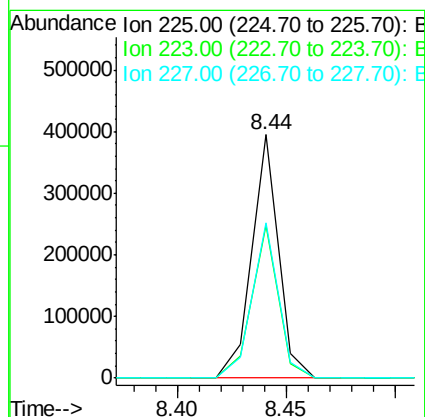
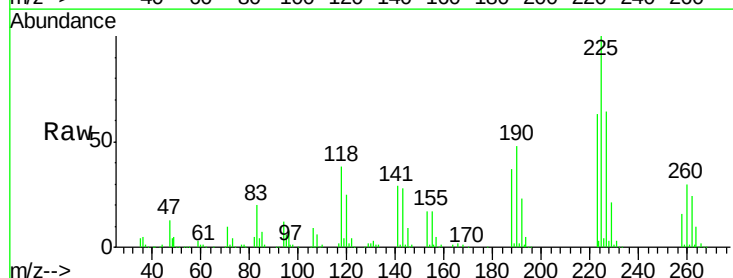
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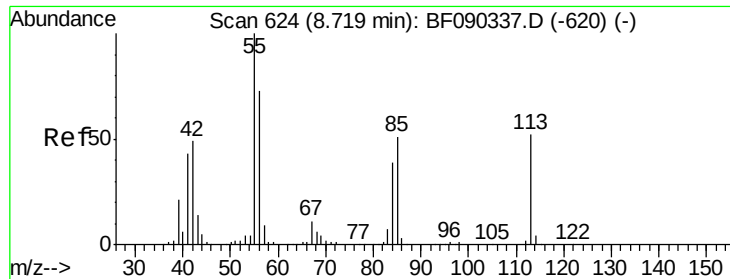
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#34
 Hexachlorobutadiene
 Concen: 37.40 ng
 RT: 8.44 min Scan# 534
 Delta R.T. -0.00 min
 Lab File: BF090351.D
 Acq: 4 Oct 2016 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.7	51.0	76.4	
227	63.8	50.8	76.2	





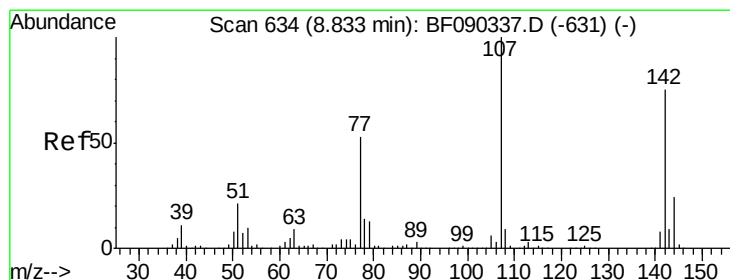
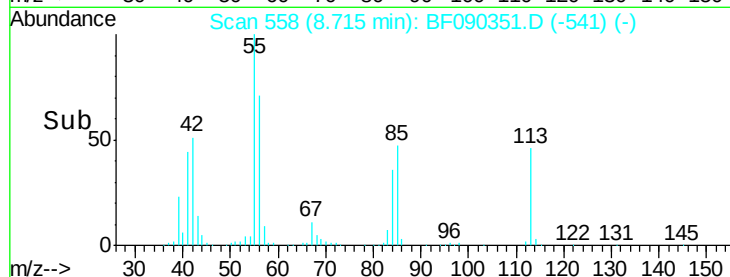
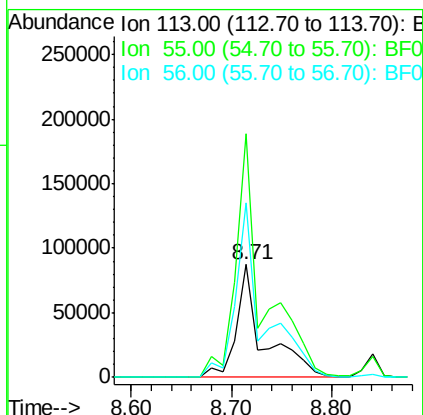
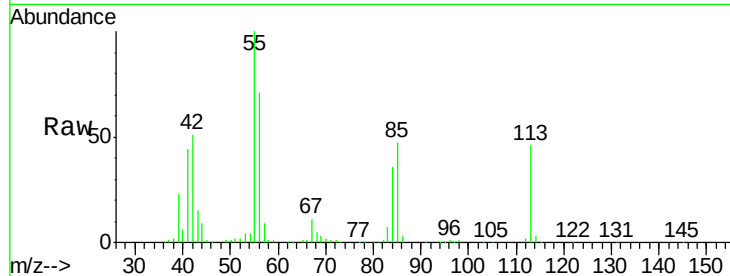
#35
 Caprolactam
 Concen: 45.19 ng
 RT: 8.71 min Scan# 558
 Delta R.T. -0.00 min
 Lab File: BF090351.D
 Acq: 4 Oct 2016 19:34

Instrument :
 BNA_F
 ClientSampled :
 PB93723BS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	216.3	203.3	243.3
56	154.6	140.5	180.5

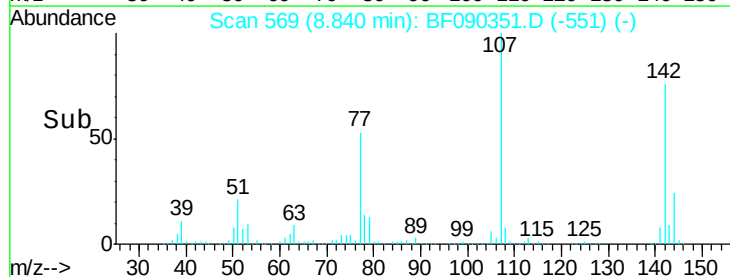
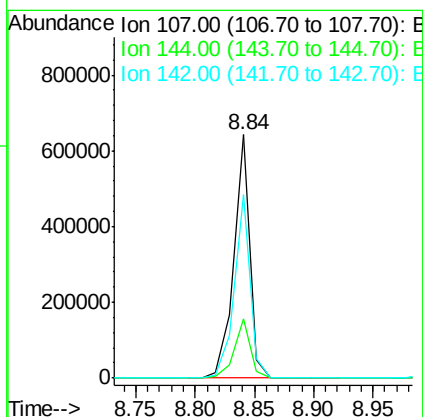
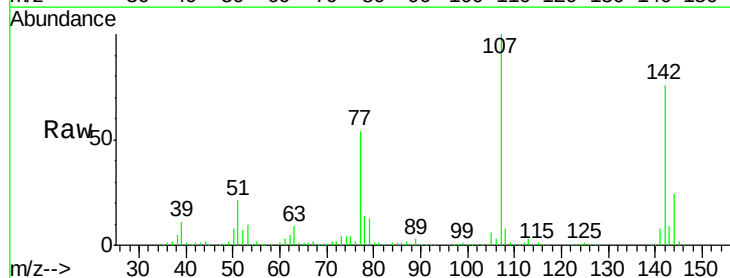
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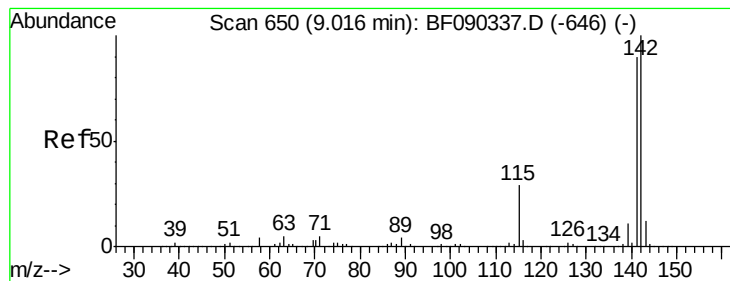
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#36
 4-Chloro-3-methylphenol
 Concen: 40.96 ng
 RT: 8.84 min Scan# 569
 Delta R.T. 0.01 min
 Lab File: BF090351.D
 Acq: 4 Oct 2016 19:34

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.3	19.8	29.8
142	75.5	60.7	91.1





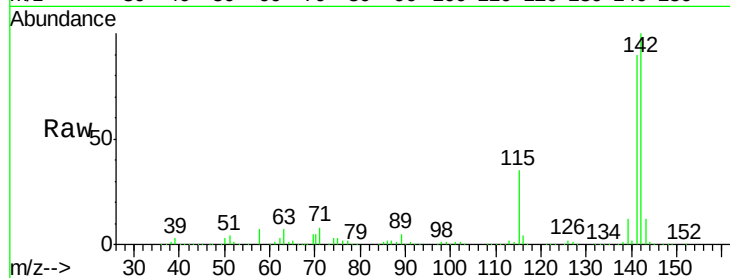
#37
 2-Methylnaphthalene
 Concen: 43.02 ng
 RT: 9.01 min Scan# 584
 Delta R.T. -0.00 min
 Lab File: BF090351.D
 Acq: 4 Oct 2016 19:34

Instrument :
 BNA_F
 ClientSampleId :
 PB93723BS

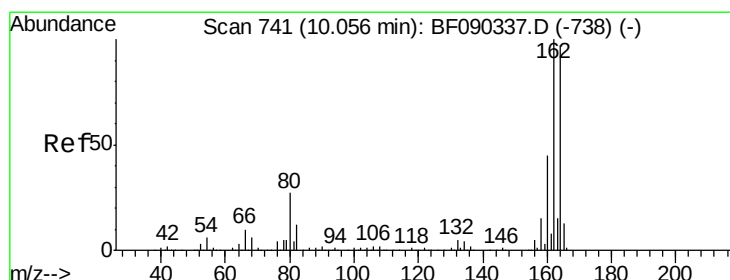
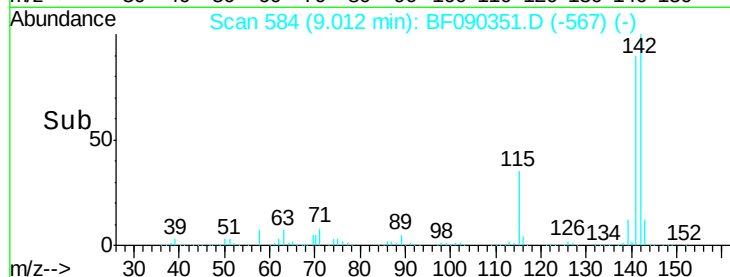
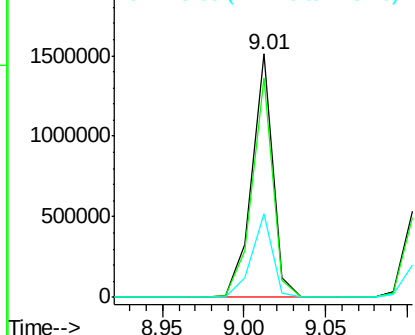
Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.8	107.8
115	34.5	28.8	43.2

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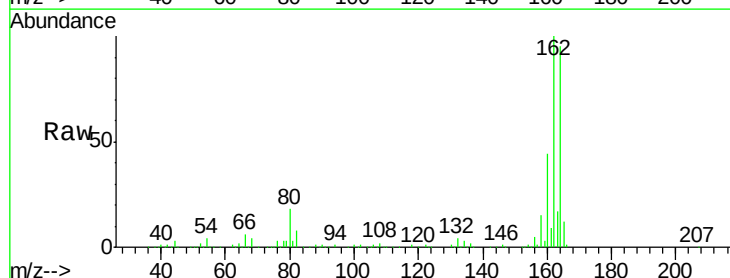


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

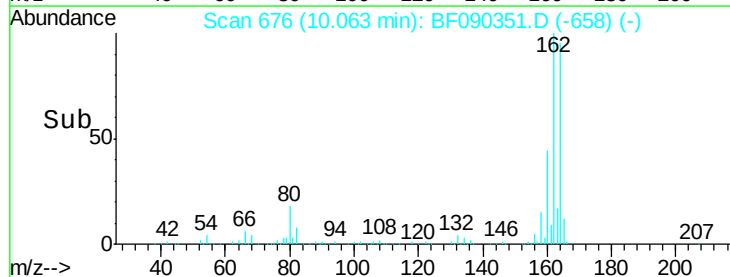
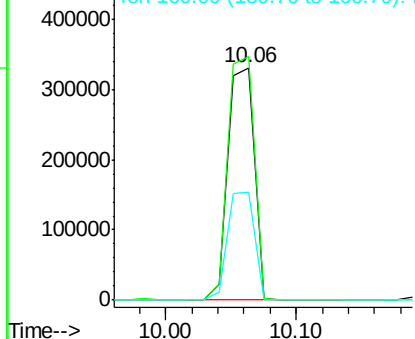


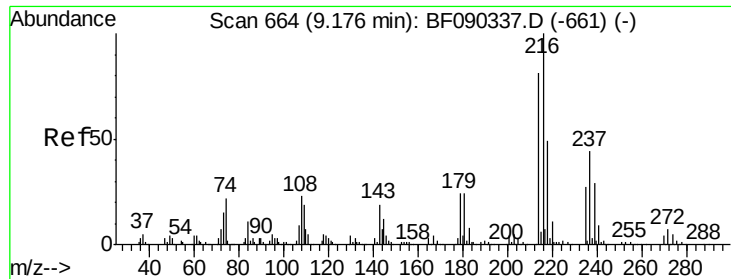
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.06 min Scan# 676
 Delta R.T. 0.01 min
 Lab File: BF090351.D
 Acq: 4 Oct 2016 19:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	80.1	120.1
160	46.6	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





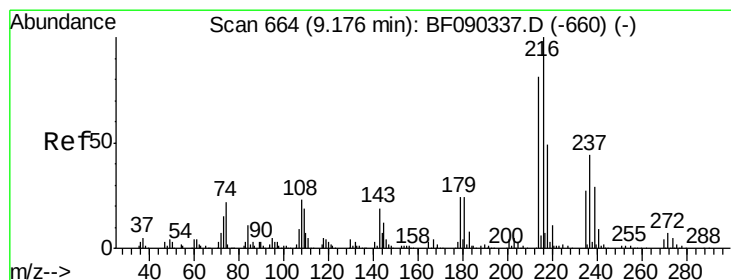
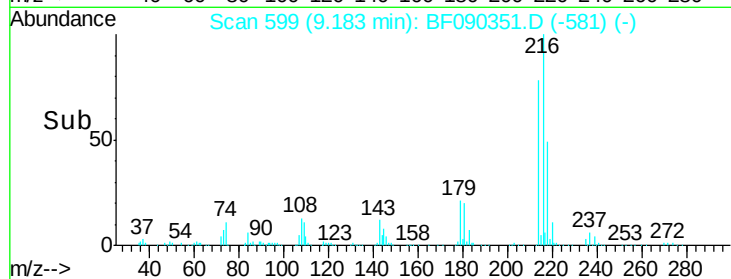
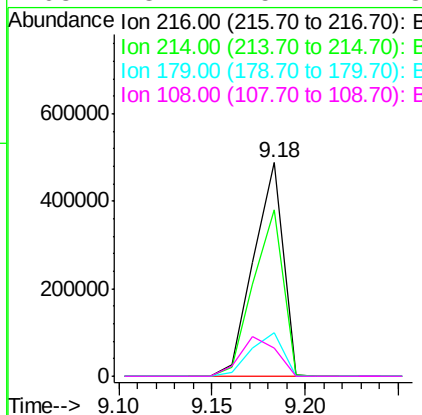
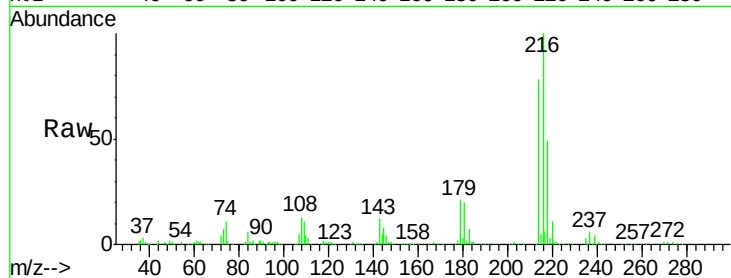
#39
1,2,4,5-Tetrachlorobenzene
Concen: 40.79 ng
RT: 9.18 min Scan# 599
Delta R.T. 0.01 min
Lab File: BF090351.D
Acq: 4 Oct 2016 19:34

Instrument :
BNA_F
ClientSampleId :
PB93723BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
216	100		
214	79.2	64.2	96.2
179	22.2	18.0	27.0
108	23.2	15.2	22.8

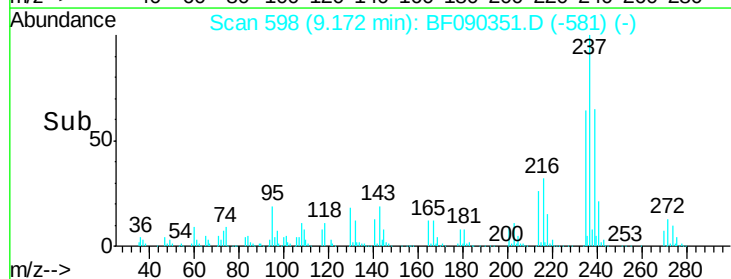
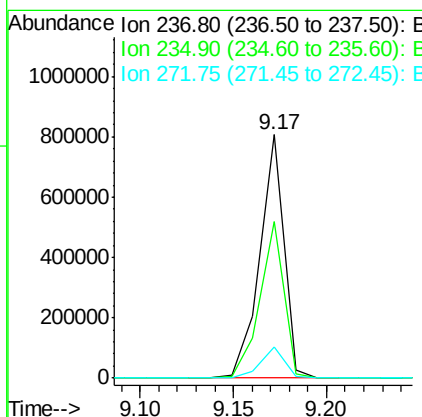
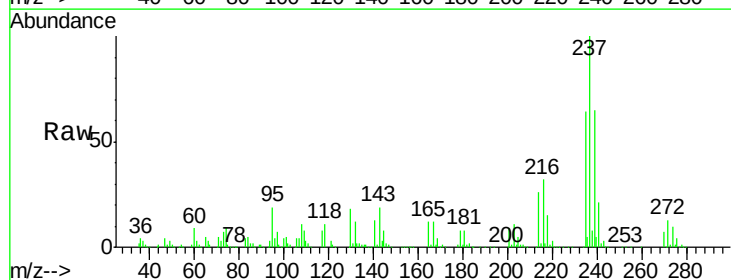
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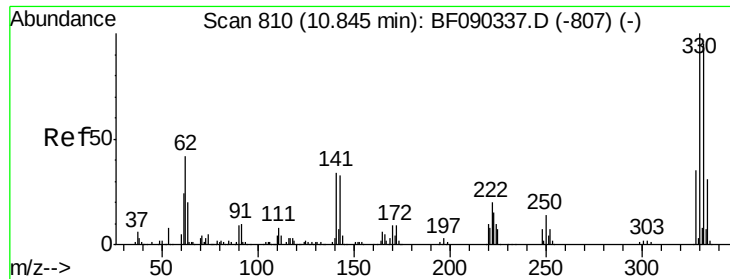
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#40
Hexachlorocyclopentadiene
Concen: 82.09 ng
RT: 9.17 min Scan# 598
Delta R.T. -0.00 min
Lab File: BF090351.D
Acq: 4 Oct 2016 19:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	64.1	43.6	83.6
272	13.0	0.0	32.7





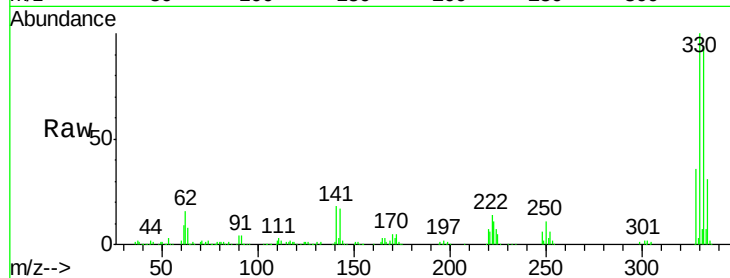
#41
 2,4,6-Tribromophenol
 Concen: 131.32 ng
 RT: 10.85 min Scan# 745
 Delta R.T. 0.01 min
 Lab File: BF090351.D
 Acq: 4 Oct 2016 19:34

Instrument :
 BNA_F
 ClientSampleId :
 PB93723BS

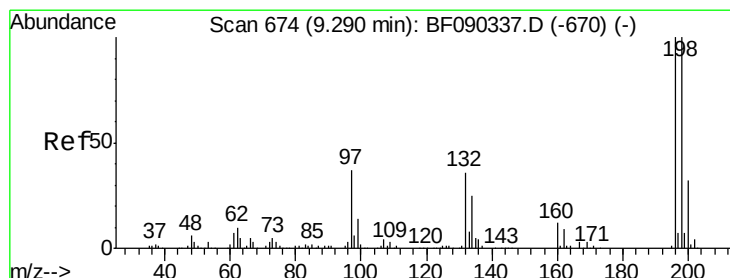
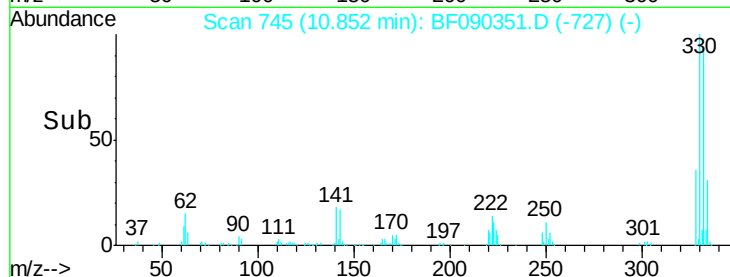
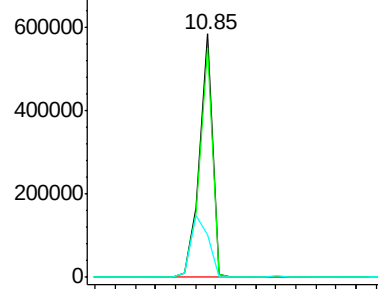
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	527769		
332	94.4	75.4	113.0	
141	34.7	26.9	40.3	

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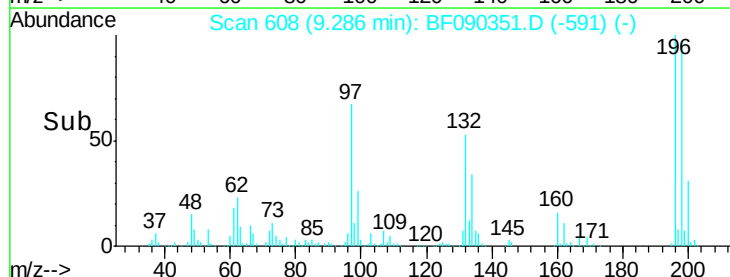
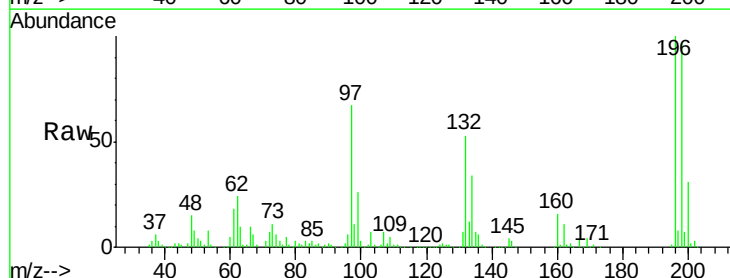
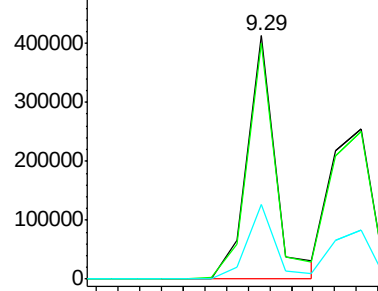
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

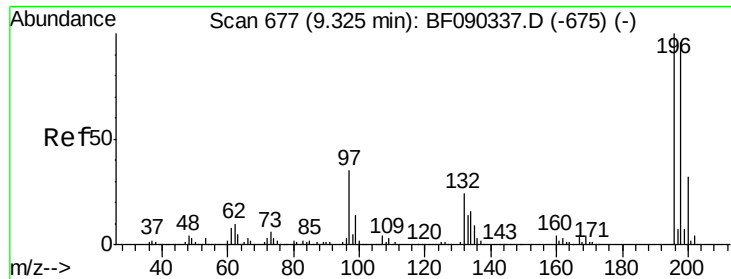


#42
 2,4,6-Trichlorophenol
 Concen: 45.78 ng
 RT: 9.29 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF090351.D
 Acq: 4 Oct 2016 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	376125		
198	97.0	78.9	118.3	
200	30.5	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





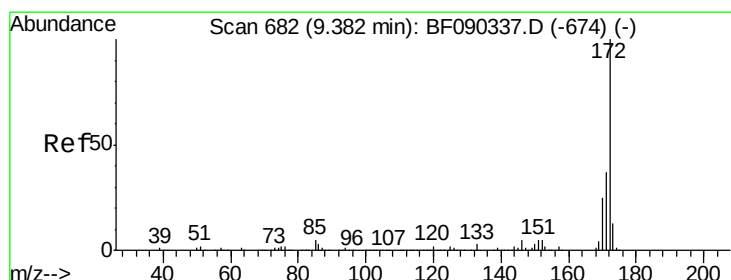
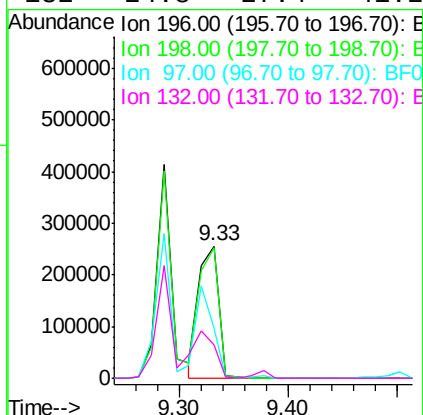
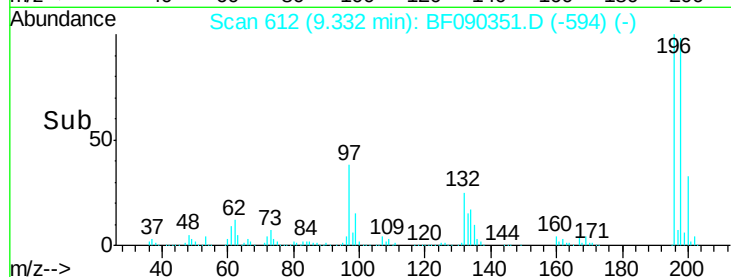
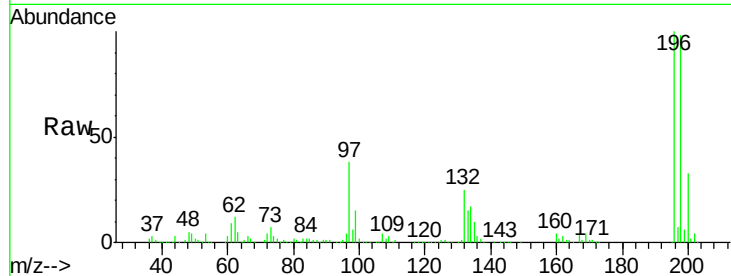
#43
 2,4,5-Trichlorophenol
 Concen: 40.10 ng
 RT: 9.33 min Scan# 612
 Delta R.T. 0.01 min
 Lab File: BF090351.D
 Acq: 4 Oct 2016 19:34

Instrument :
 BNA_F
 ClientSampleId :
 PB93723BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	331496		
198	98.5	78.1	117.1	
97	37.9	48.1	72.1	#
132	24.8	27.4	41.2	#

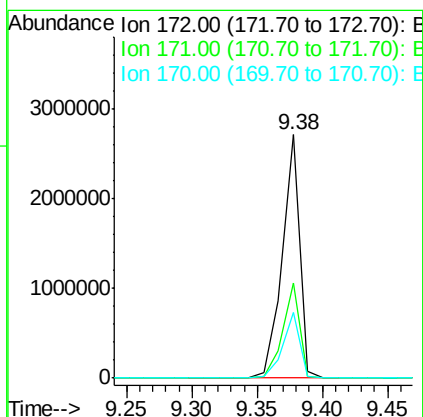
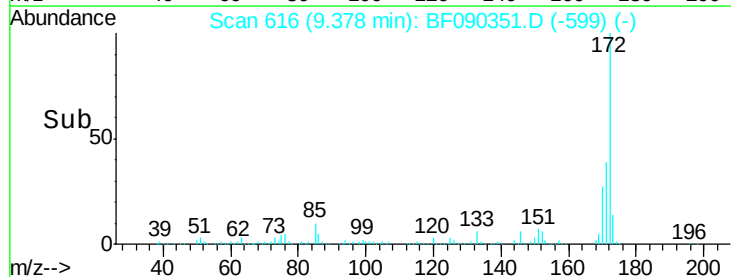
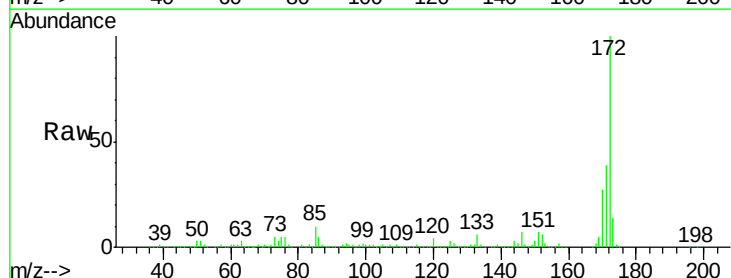
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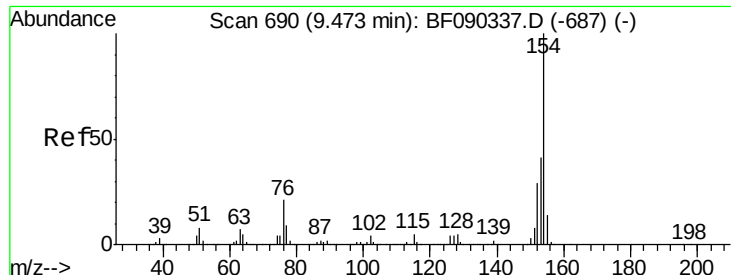
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#44
 2-Fluorobiphenyl
 Concen: 89.91 ng
 RT: 9.38 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF090351.D
 Acq: 4 Oct 2016 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2551699		
171	38.8	31.8	47.8	
170	26.7	21.7	32.5	





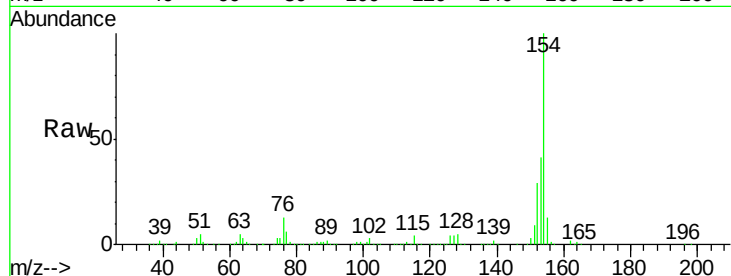
#45
 1,1'-Biphenyl
 Concen: 40.35 ng
 RT: 9.48 min Scan# 625
 Delta R.T. 0.01 min
 Lab File: BF090351.D
 Acq: 4 Oct 2016 19:34

Instrument :
 BNA_F
 ClientSampleId :
 PB93723BS

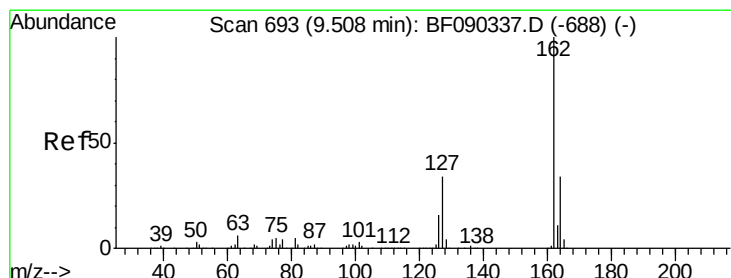
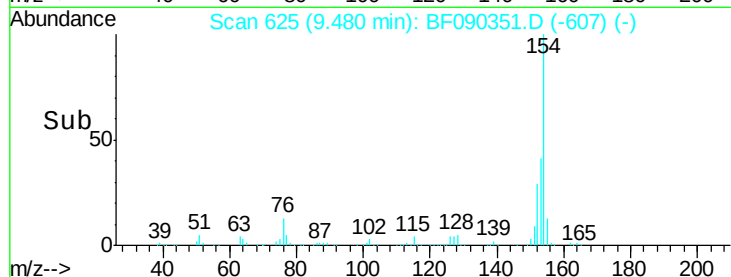
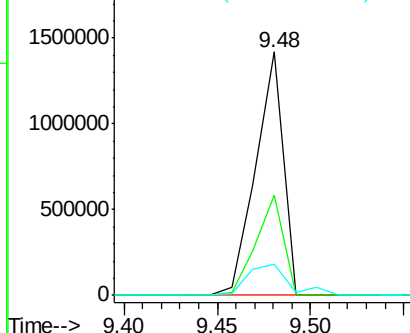
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	23.8	63.8
76	12.8	0.0	35.8

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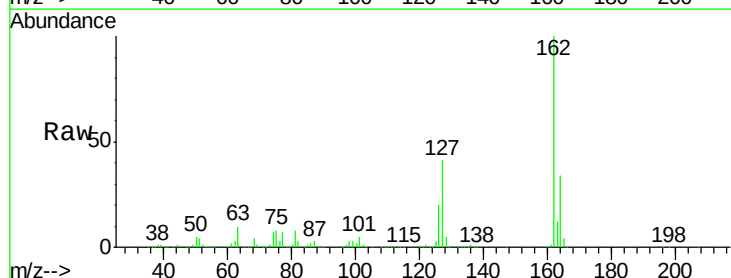


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

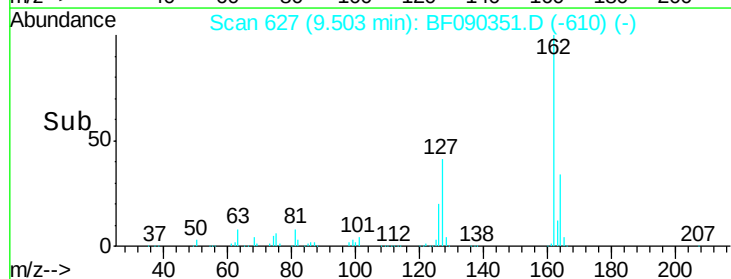
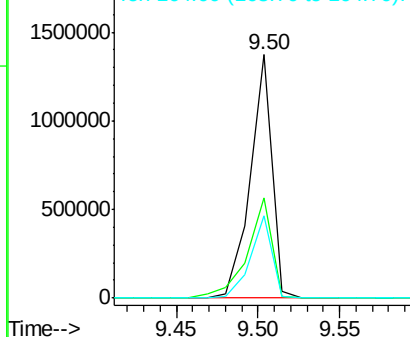


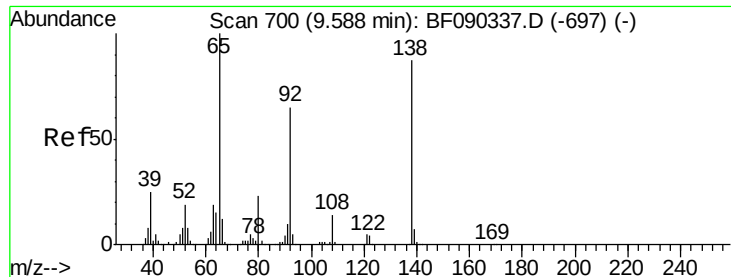
#46
 2-Chloronaphthalene
 Concen: 47.06 ng
 RT: 9.50 min Scan# 627
 Delta R.T. -0.00 min
 Lab File: BF090351.D
 Acq: 4 Oct 2016 19:34

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.4	35.6	53.4
164	34.0	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: 56.74 ng

RT: 9.59 min Scan# 635

Delta R.T. 0.01 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

Instrument :

BNA_F

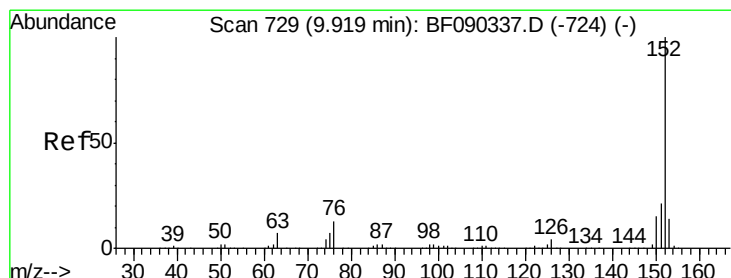
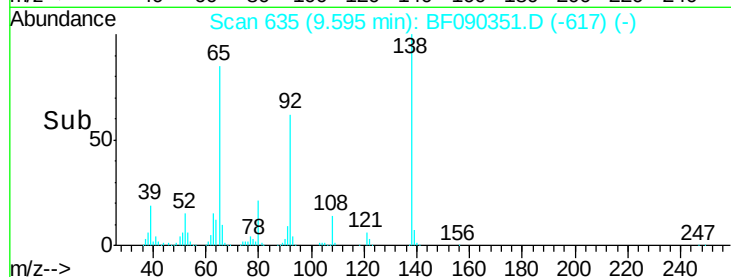
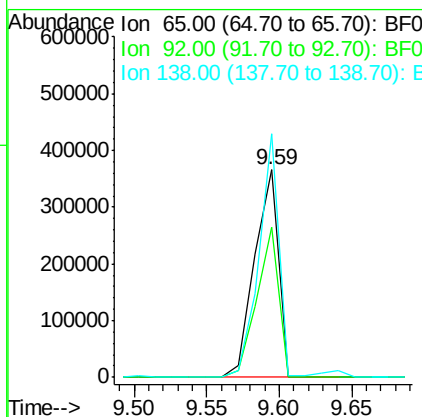
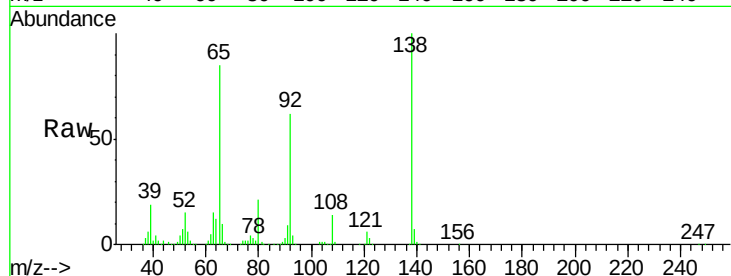
ClientSampleId :

PB93723BS

Tgt Ion:	65	Resp:	416471
Ion Ratio	Lower	Upper	
65	100		
92	72.7	51.7	77.5
138	117.4	79.0	118.4

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#48

Acenaphthylene

Concen: 42.23 ng

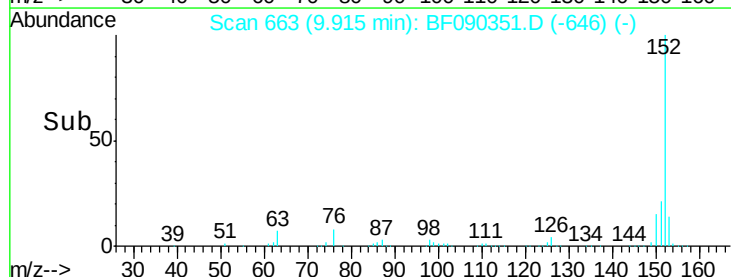
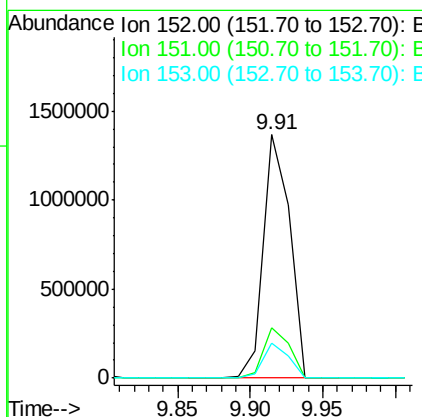
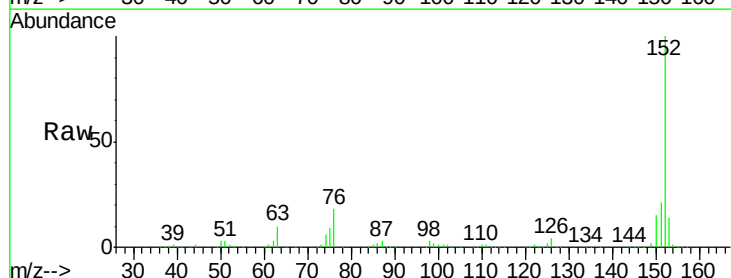
RT: 9.91 min Scan# 663

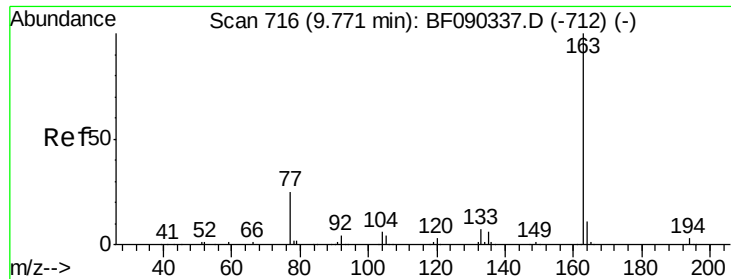
Delta R.T. -0.00 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

Tgt Ion:	152	Resp:	1717842
Ion Ratio	Lower	Upper	
152	100		
151	20.8	17.4	26.0
153	14.2	11.6	17.4





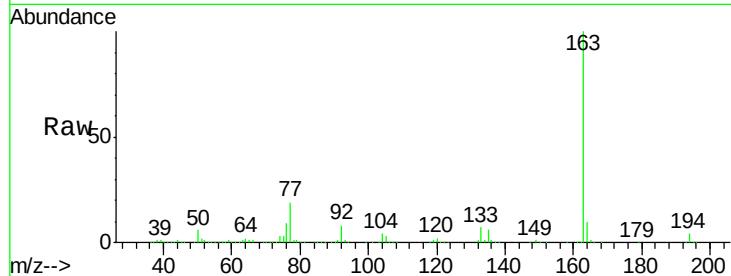
#49
Dimethylphthalate
Concen: 47.62 ng
RT: 9.78 min Scan# 651
Delta R.T. 0.01 min
Lab File: BF090351.D
Acq: 4 Oct 2016 19:34

Instrument :
BNA_F
ClientSampleId :
PB93723BS

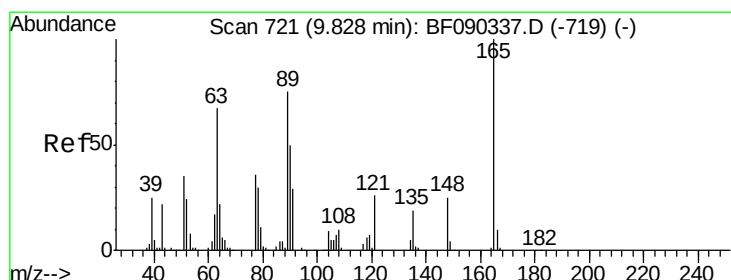
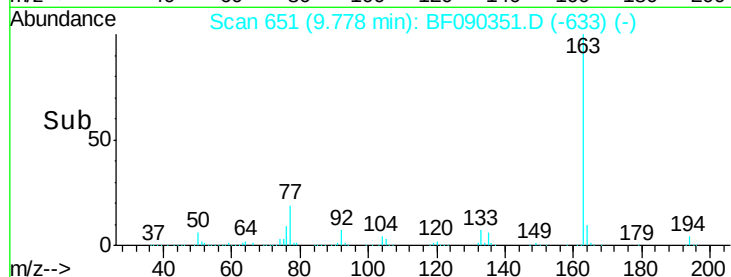
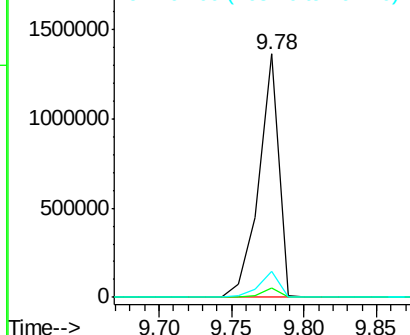
Tgt Ion:163 Resp: 1304534
Ion Ratio Lower Upper
163 100
194 3.7 2.8 4.2
164 10.5 9.0 13.4

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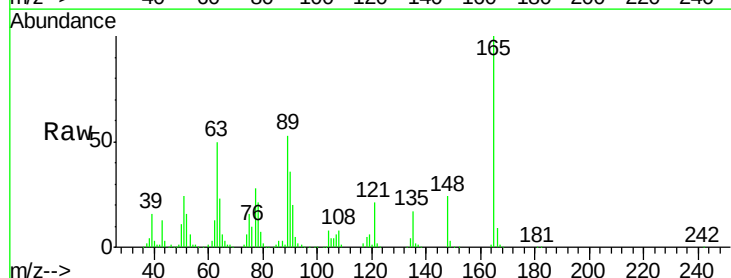


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

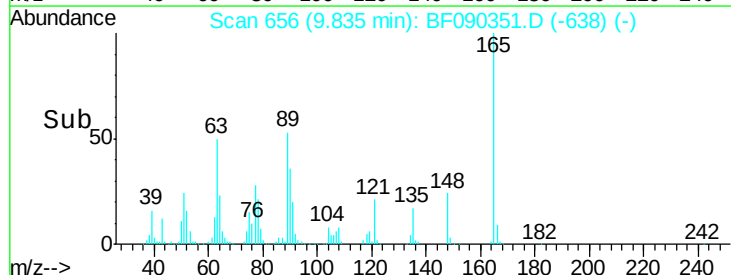
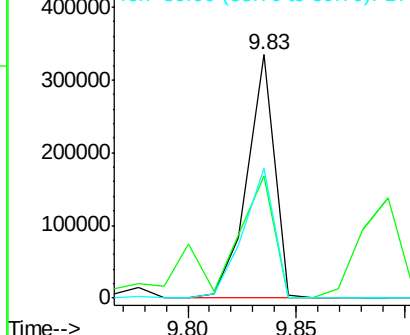


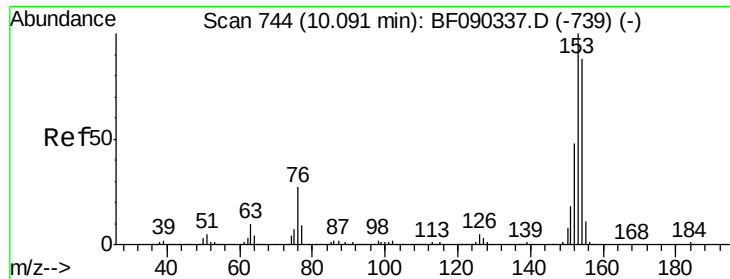
#50
2,6-Dinitrotoluene
Concen: 48.94 ng
RT: 9.83 min Scan# 656
Delta R.T. 0.01 min
Lab File: BF090351.D
Acq: 4 Oct 2016 19:34

Tgt Ion:165 Resp: 293241
Ion Ratio Lower Upper
165 100
63 50.3 58.0 87.0#
89 53.1 51.2 76.8



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





#51

Acenaphthene

Concen: 48.38 ng

RT: 10.09 min Scan# 678

Delta R.T. -0.00 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

Instrument :

BNA_F

ClientSampled :

PB93723BS

Tgt Ion:154 Resp: 1197731

Ion Ratio Lower Upper

154 100

153 113.3 88.6 133.0

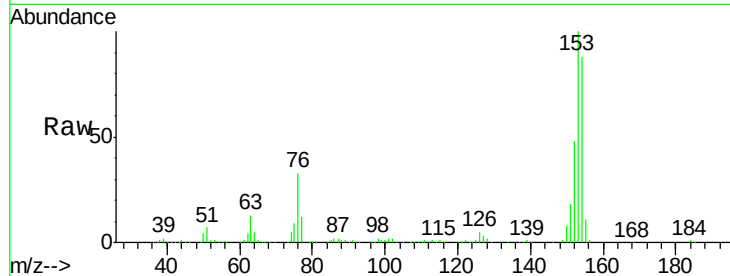
152 54.0 42.6 64.0

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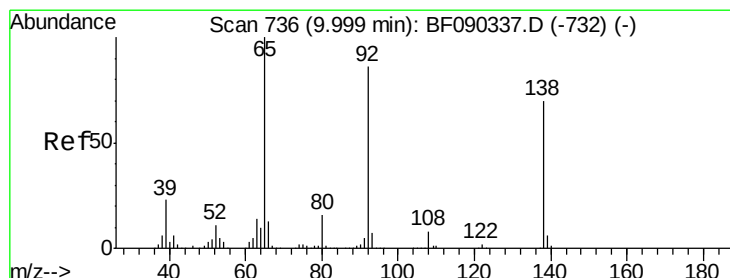
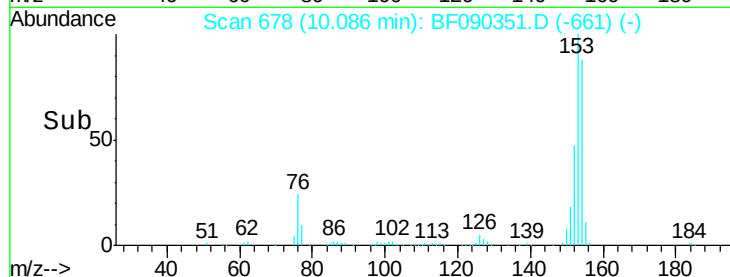
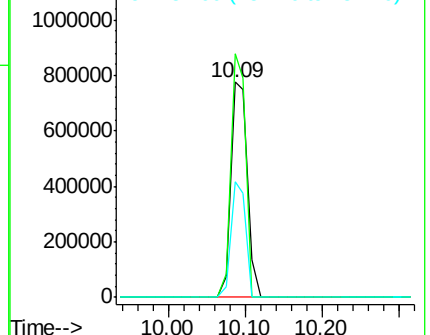


Abundance

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: 23.09 ng

RT: 9.99 min Scan# 670

Delta R.T. -0.00 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

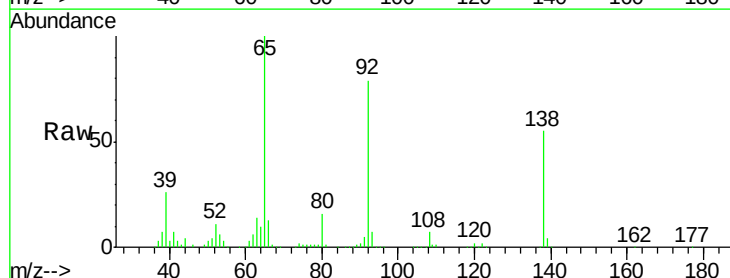
Tgt Ion:138 Resp: 156734

Ion Ratio Lower Upper

138 100

108 12.4 9.7 14.5

92 143.6 97.1 145.7

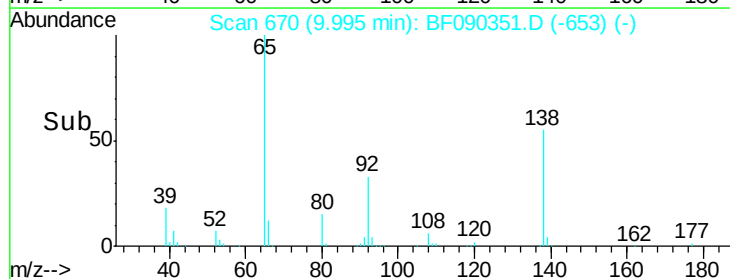
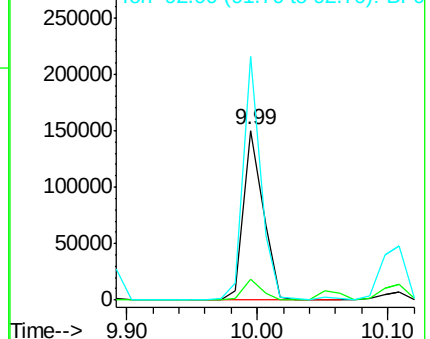


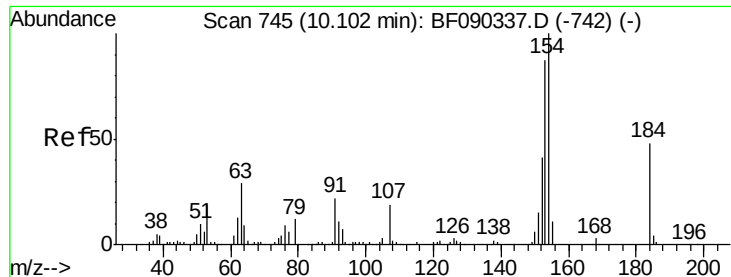
Abundance

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





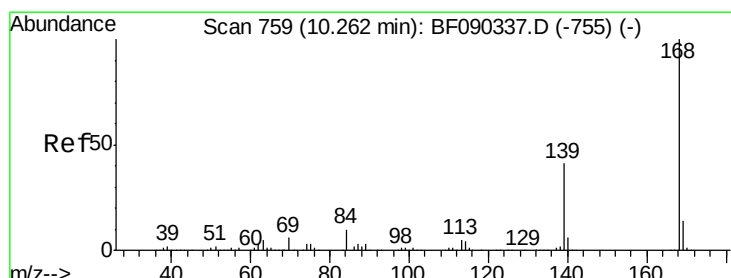
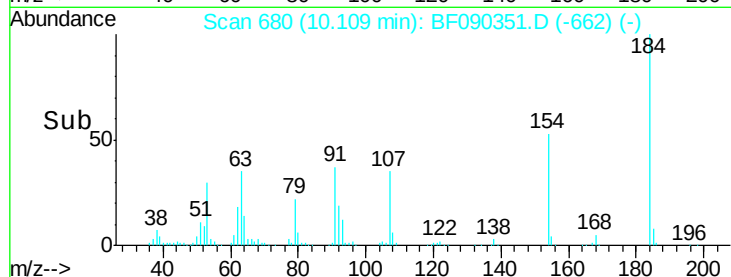
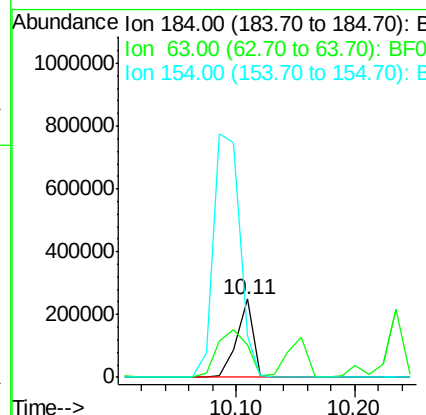
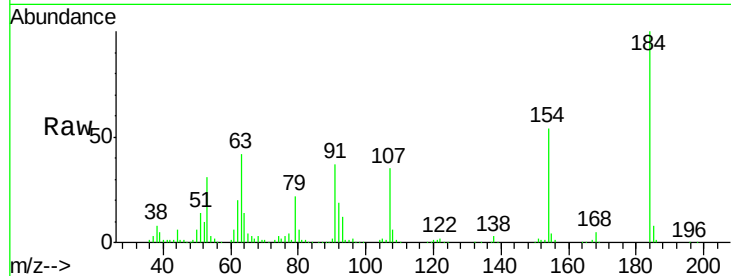
#53
 2,4-Dinitrophenol
 Concen: 104.56 ng
 RT: 10.11 min Scan# 680
 Delta R.T. 0.01 min
 Lab File: BF090351.D
 Acq: 4 Oct 2016 19:34

Instrument :
 BNA_F
 ClientSampled :
 PB93723BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	239685		
63	42.1		41.9	62.9
154	53.6		48.9	73.3

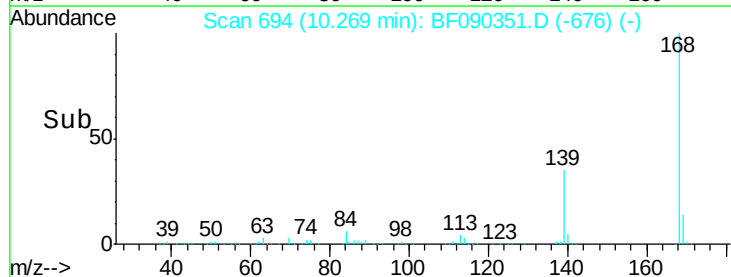
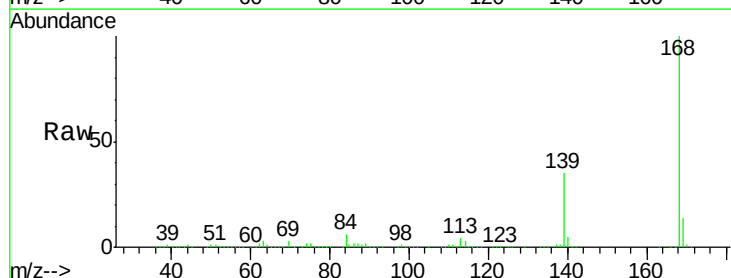
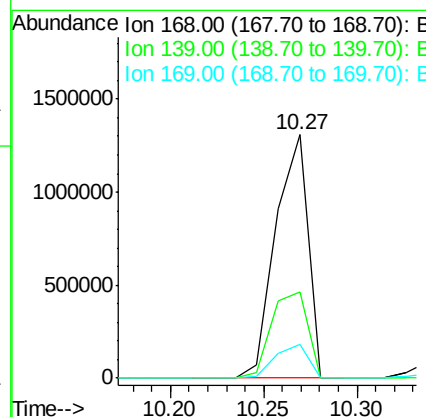
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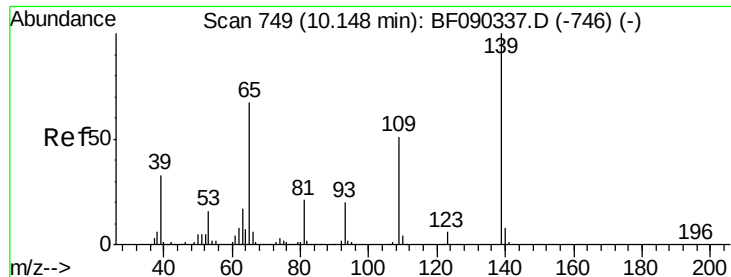
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#54
 Dibenzofuran
 Concen: 48.11 ng
 RT: 10.27 min Scan# 694
 Delta R.T. 0.01 min
 Lab File: BF090351.D
 Acq: 4 Oct 2016 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1574688		
139	35.3		29.6	44.4
169	13.6		11.3	16.9





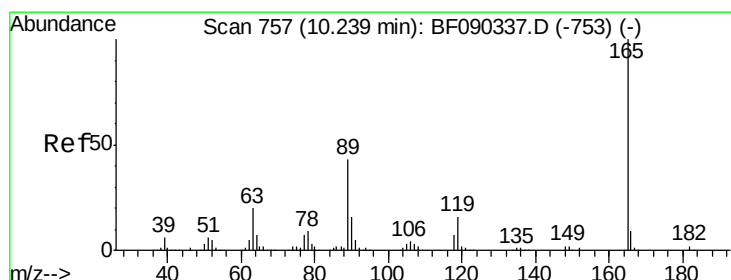
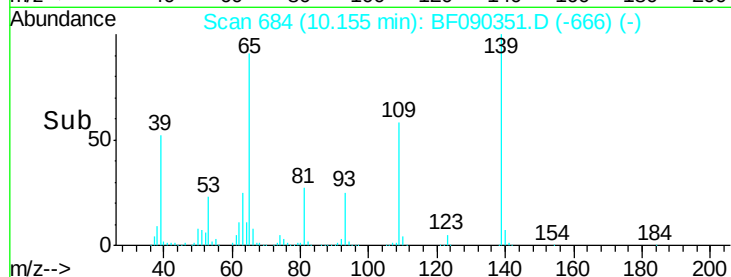
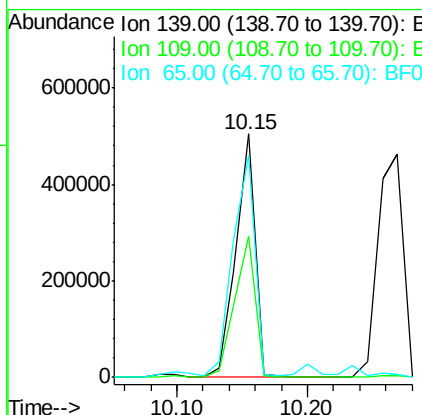
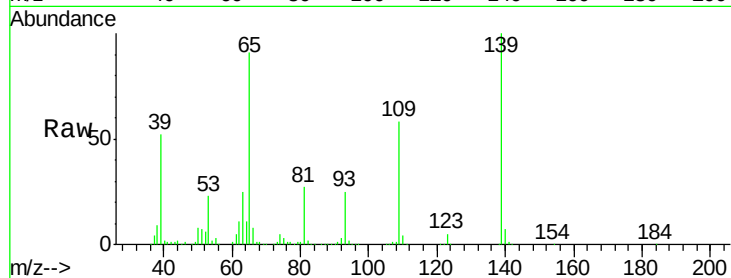
#55
4-Nitrophenol
Concen: 95.03 ng
RT: 10.15 min Scan# 684
Delta R.T. 0.01 min
Lab File: BF090351.D
Acq: 4 Oct 2016 19:34

Instrument :
BNA_F
ClientSampleId :
PB93723BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	513581		
109	57.9	43.6	83.6	
65	91.2	87.5	127.5	

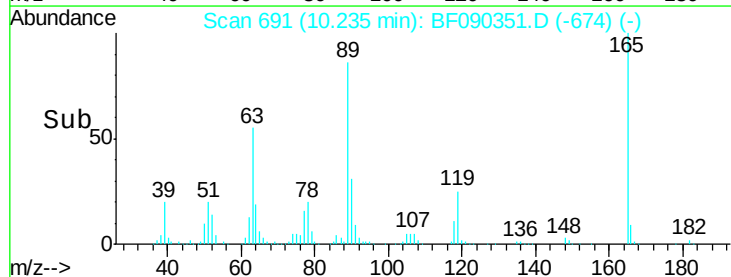
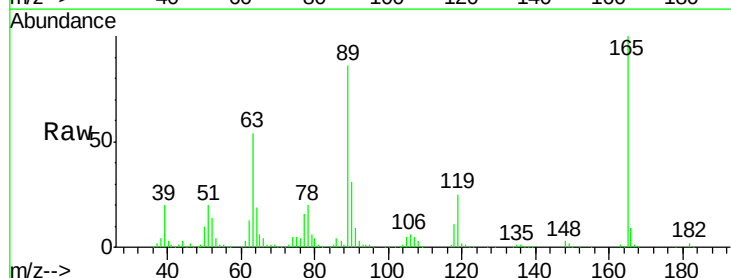
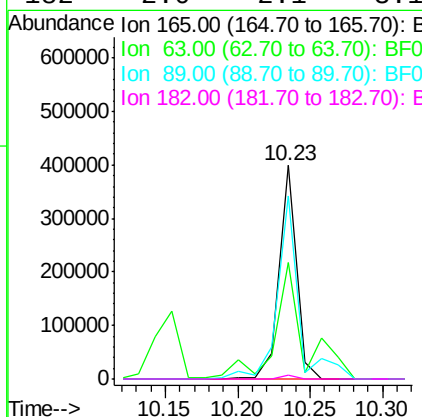
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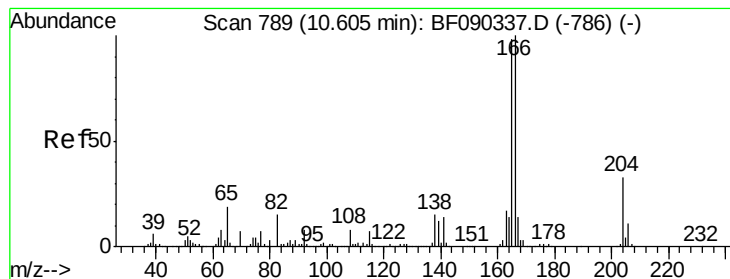
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#56
2,4-Dinitrotoluene
Concen: 46.09 ng
RT: 10.23 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF090351.D
Acq: 4 Oct 2016 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	332405		
63	54.4	17.8	26.6#	
89	85.6	33.2	49.8#	
182	2.0	2.1	3.1#	





#57

Fluorene

Concen: 46.69 ng

RT: 10.61 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

Instrument :

BNA_F

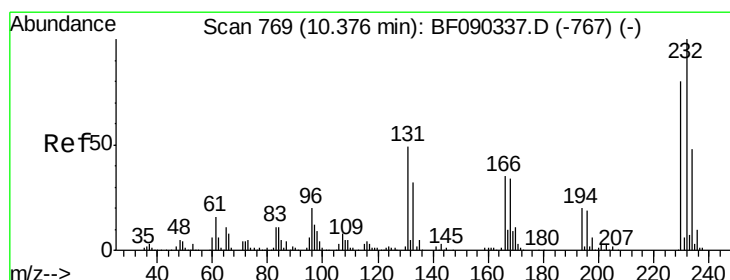
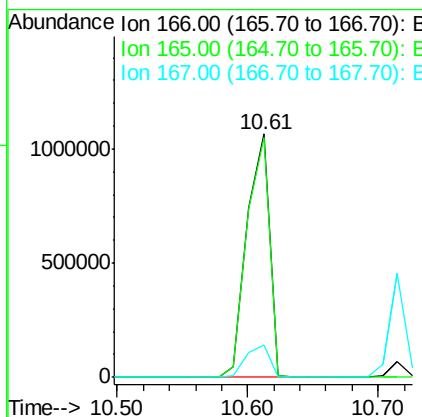
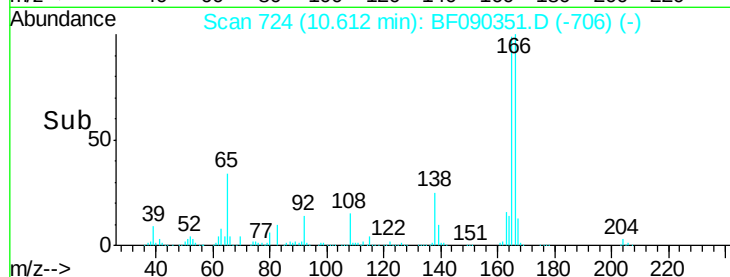
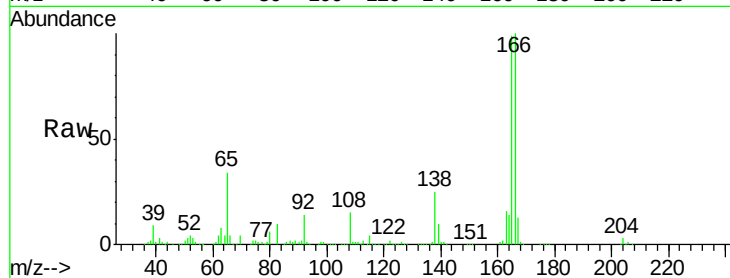
ClientSampled :

PB93723BS

Tgt Ion:	166	Resp:	1278251
Ion Ratio	Lower	Upper	
166	100		
165	98.7	79.2	118.8
167	13.4	11.1	16.7

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#58

2,3,4,6-Tetrachlorophenol

Concen: 43.26 ng m

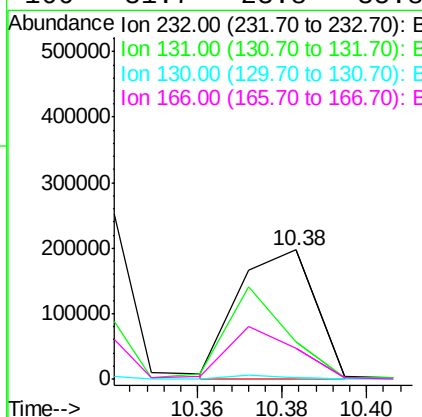
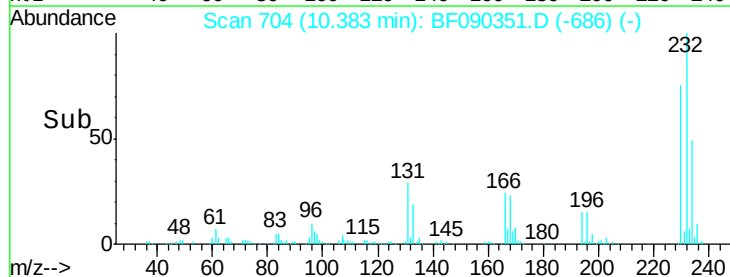
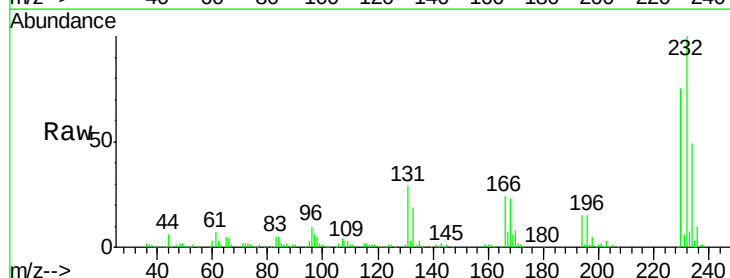
RT: 10.38 min Scan# 704

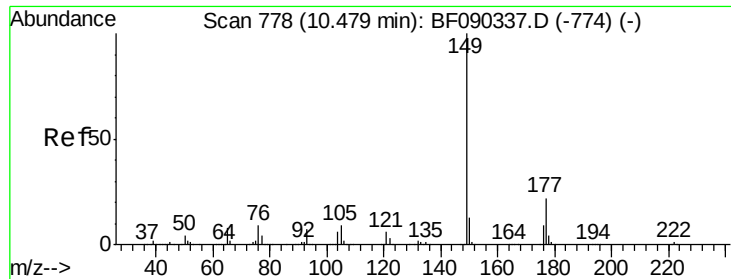
Delta R.T. 0.01 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

Tgt Ion:	232	Resp:	252219
Ion Ratio	Lower	Upper	
232	100		
131	52.1	34.5	51.7#
130	2.7	1.6	2.4#
166	31.7	23.8	35.8





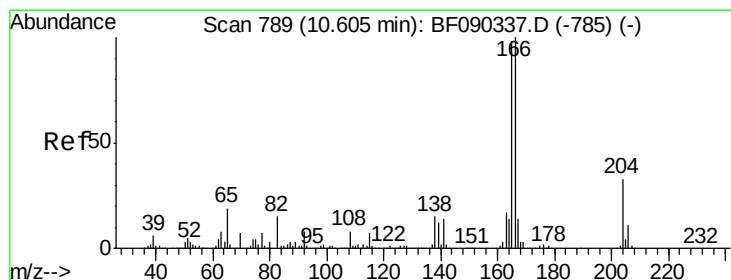
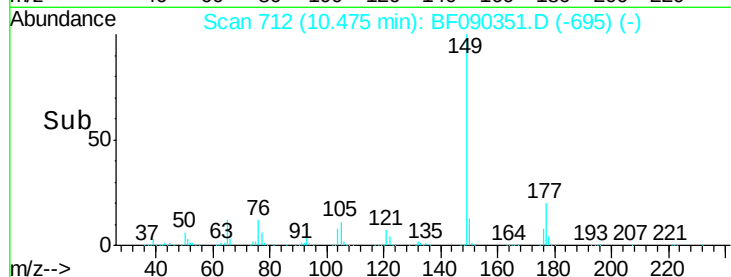
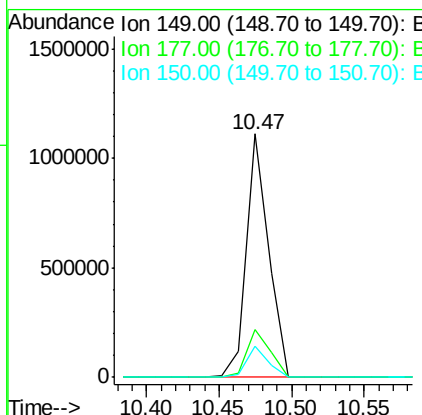
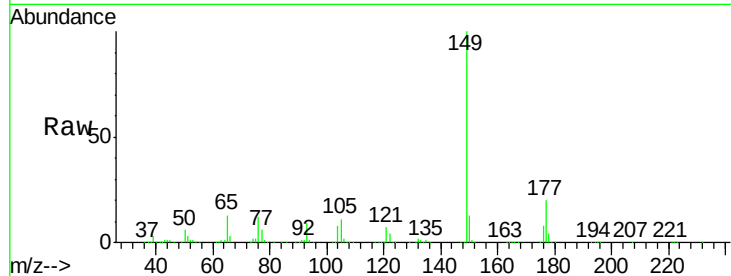
#59
Diethylphthalate
Concen: 42.03 ng
RT: 10.47 min Scan# 712
Delta R.T. -0.00 min
Lab File: BF090351.D
Acq: 4 Oct 2016 19:34

Instrument :
BNA_F
ClientSampleId :
PB93723BS

Tgt Ion:149 Resp: 1176705
Ion Ratio Lower Upper
149 100
177 19.7 21.1 31.7#
150 13.0 10.2 15.2

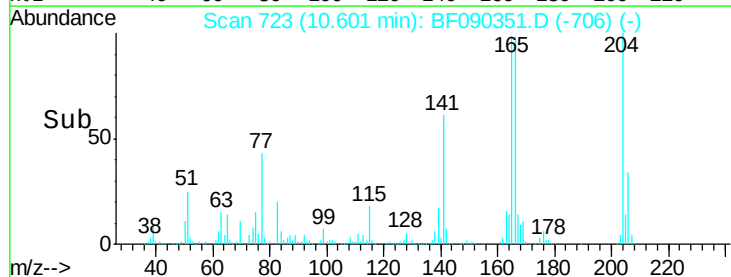
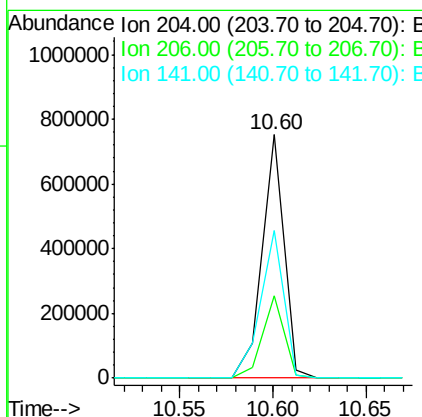
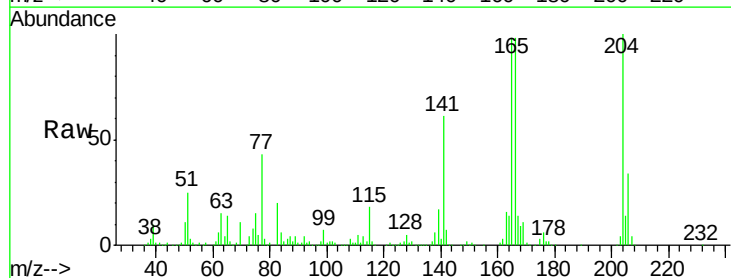
Manual Integrations
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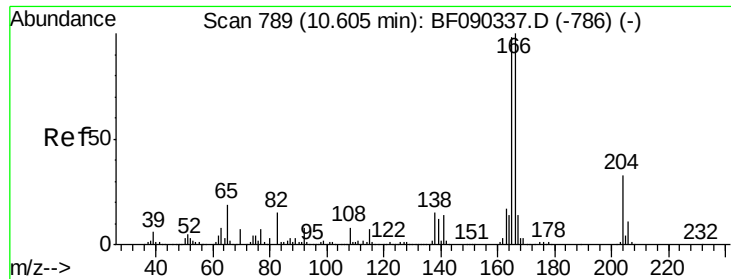
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#60
4-Chlorophenyl-phenylether
Concen: 47.04 ng
RT: 10.60 min Scan# 723
Delta R.T. -0.00 min
Lab File: BF090351.D
Acq: 4 Oct 2016 19:34

Tgt Ion:204 Resp: 610753
Ion Ratio Lower Upper
204 100
206 33.6 26.7 40.1
141 60.7 51.7 77.5





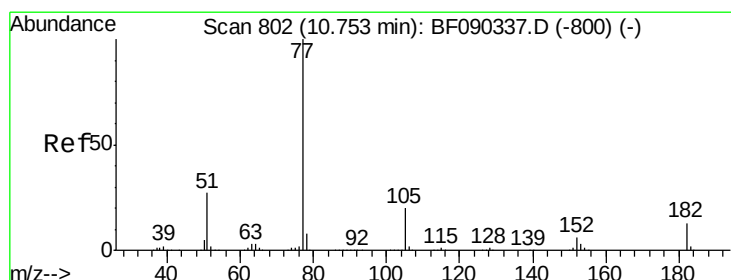
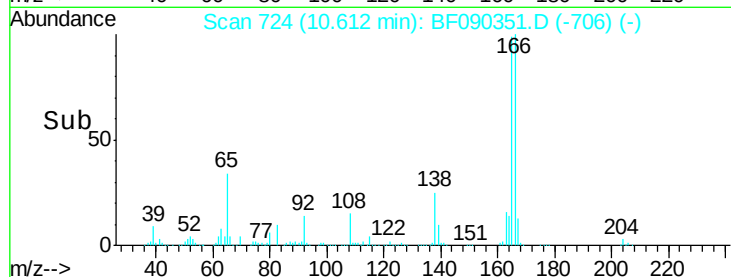
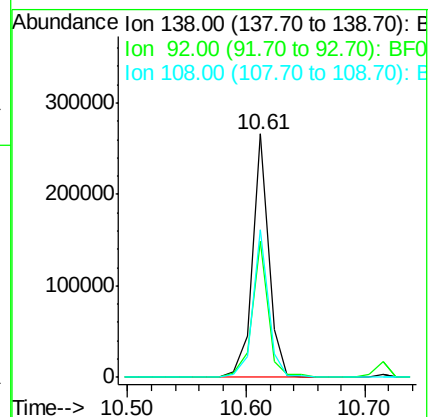
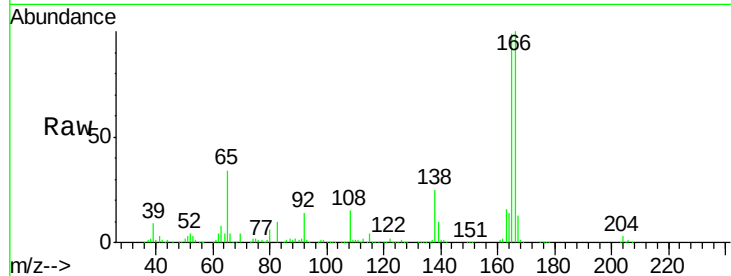
#61
4-Nitroaniline
Concen: 42.03 ng
RT: 10.61 min Scan# 724
Delta R.T. 0.01 min
Lab File: BF090351.D
Acq: 4 Oct 2016 19:34

Instrument :
BNA_F
ClientSampleId :
PB93723BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	256598		
92	55.8	33.2	73.2	
108	60.6	48.5	88.5	

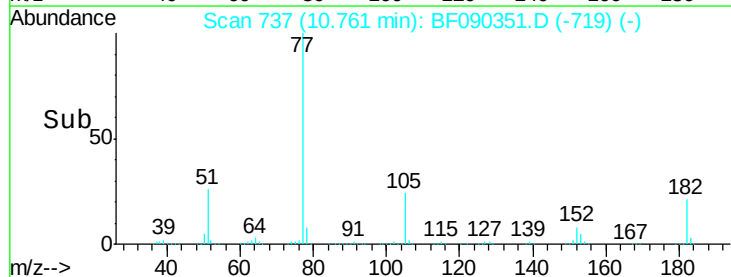
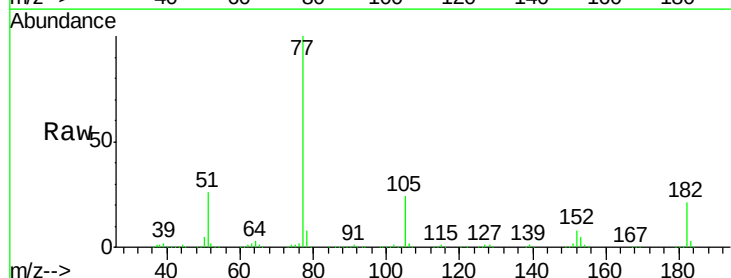
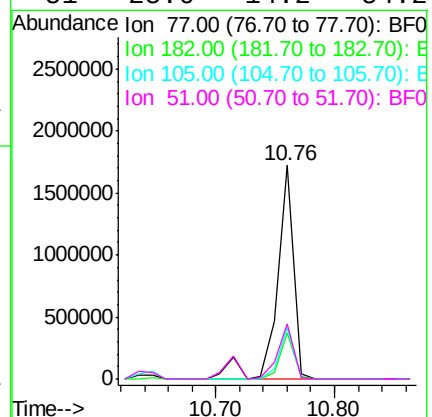
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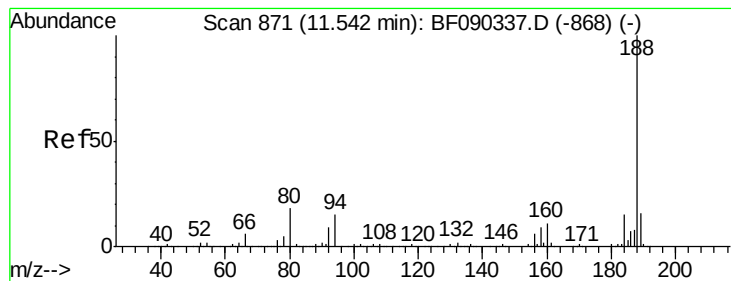
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#62
Azobenzene
Concen: 57.73 ng
RT: 10.76 min Scan# 737
Delta R.T. 0.01 min
Lab File: BF090351.D
Acq: 4 Oct 2016 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1684656		
182	21.3	3.2	43.2	
105	23.9	2.9	42.9	
51	25.6	14.2	54.2	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.55 min Scan# 806

Delta R.T. 0.01 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

Instrument :

BNA_F

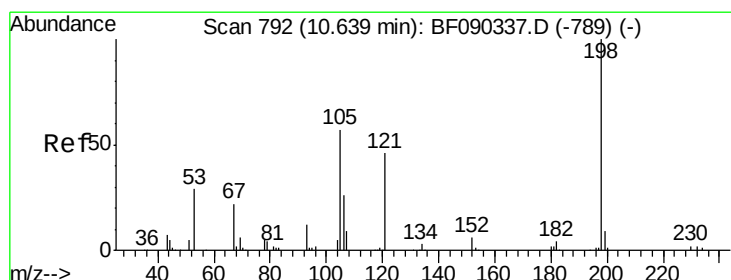
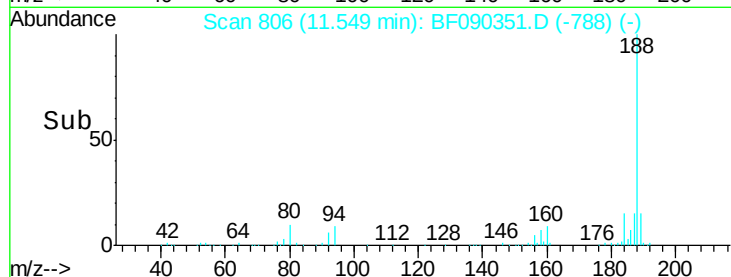
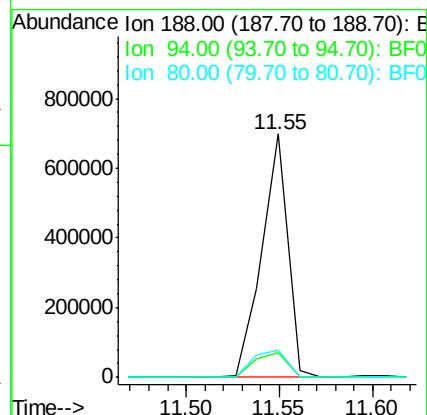
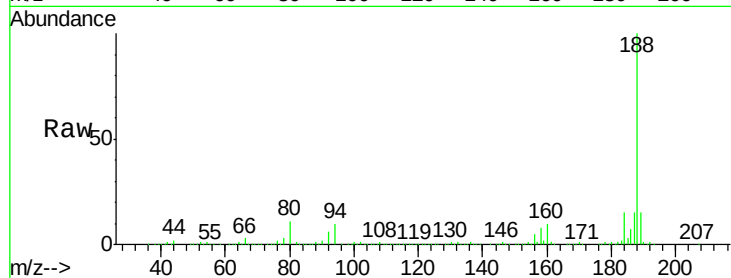
ClientSampleId :

PB93723BS

Tgt Ion:	188	Resp:	672077
Ion Ratio	Lower	Upper	
188	100		
94	10.2	8.2	12.2
80	11.1	8.8	13.2

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#64

4,6-Dinitro-2-methylphenol

Concen: 48.37 ng

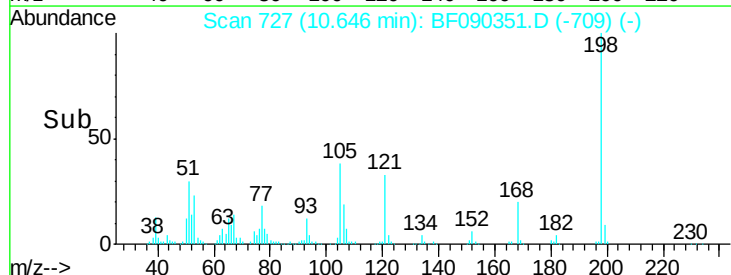
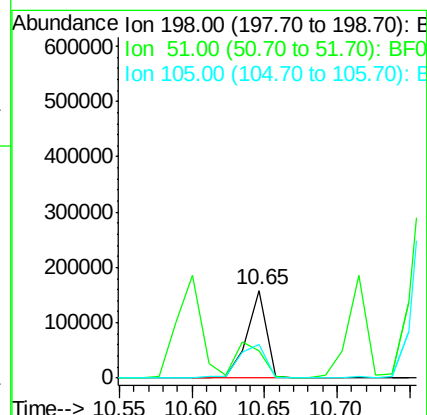
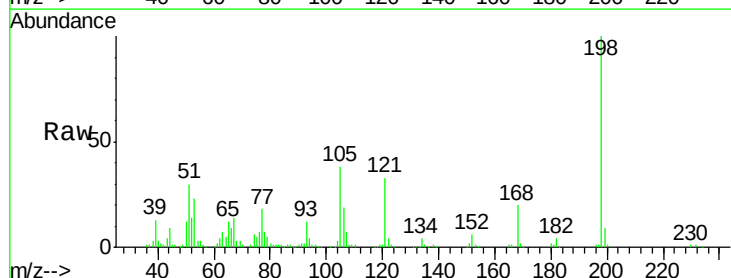
RT: 10.65 min Scan# 727

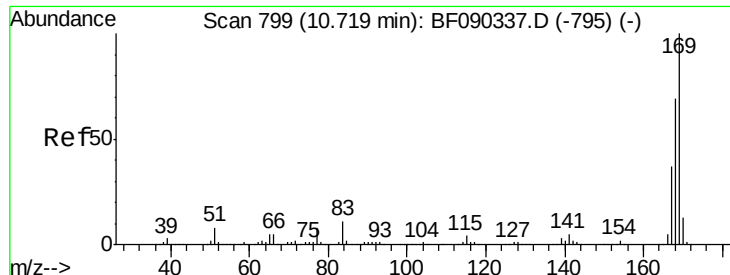
Delta R.T. 0.01 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

Tgt Ion:	198	Resp:	147650
Ion Ratio	Lower	Upper	
198	100		
51	30.4	67.3	107.3#
105	38.4	42.6	82.6#





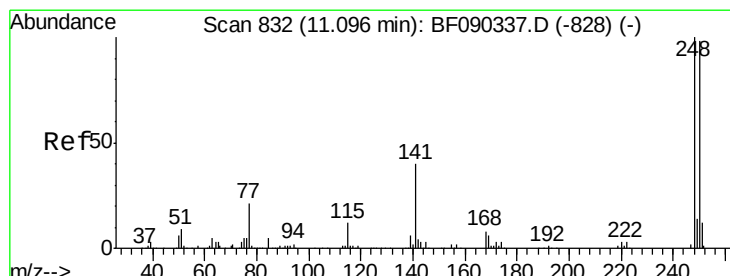
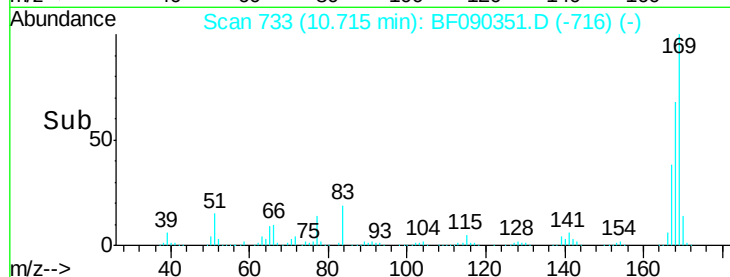
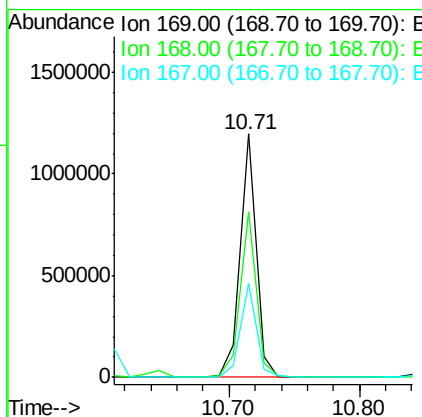
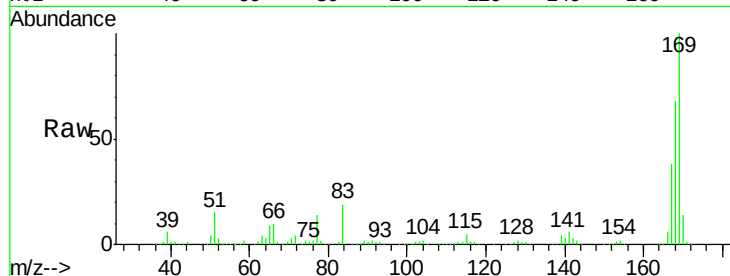
#65
 n-Nitrosodiphenylamine
 Concen: 44.02 ng
 RT: 10.71 min Scan# 733
 Delta R.T. -0.00 min
 Lab File: BF090351.D
 Acq: 4 Oct 2016 19:34

Instrument :
 BNA_F
 ClientSampleId :
 PB93723BS

Tgt Ion:169 Resp: 1008798
 Ion Ratio Lower Upper
 169 100
 168 68.2 53.8 80.6
 167 38.3 29.8 44.8

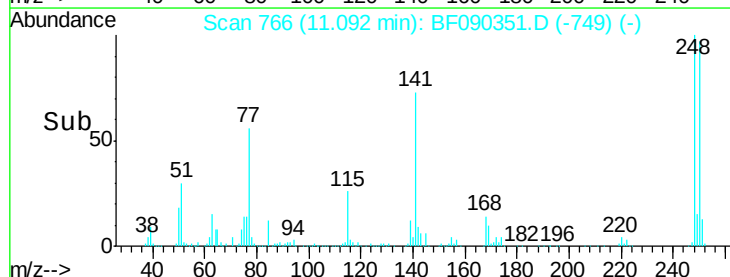
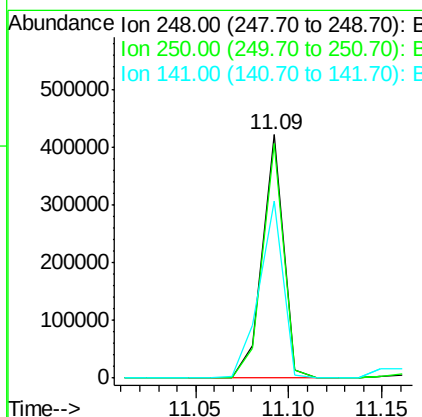
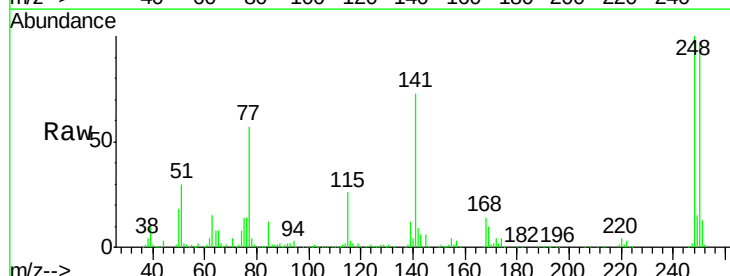
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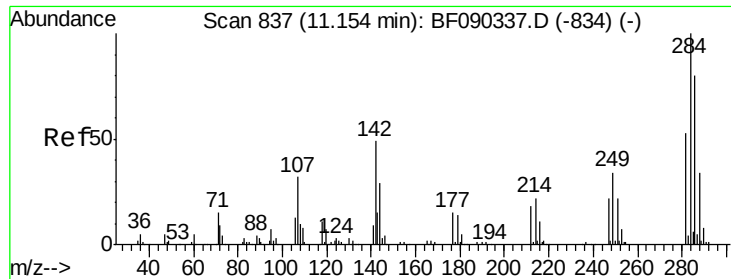
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#66
 4-Bromophenyl-phenylether
 Concen: 46.48 ng
 RT: 11.09 min Scan# 766
 Delta R.T. -0.00 min
 Lab File: BF090351.D
 Acq: 4 Oct 2016 19:34

Tgt Ion:248 Resp: 337602
 Ion Ratio Lower Upper
 248 100
 250 96.5 76.5 114.7
 141 72.8 59.8 89.6





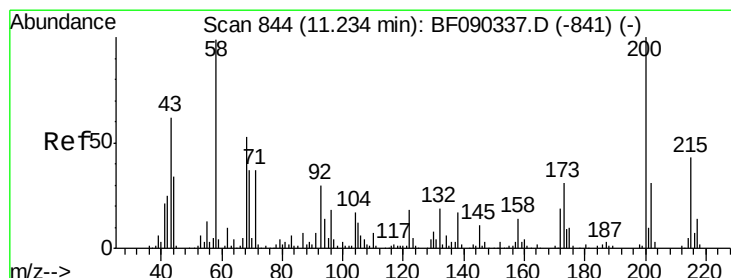
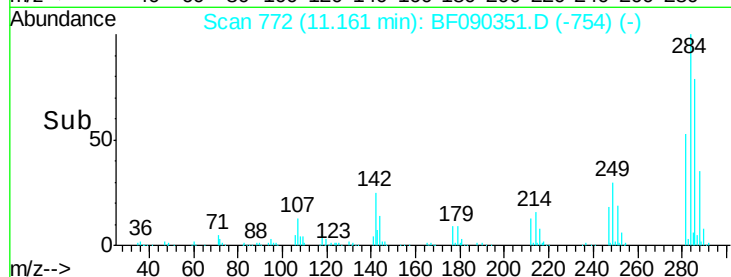
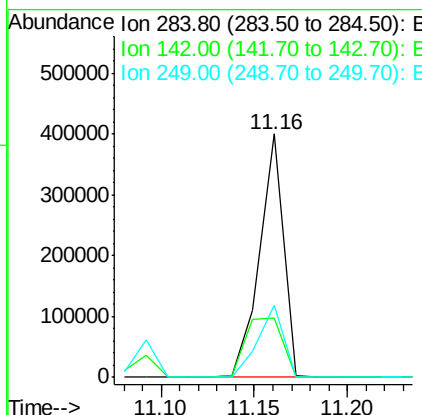
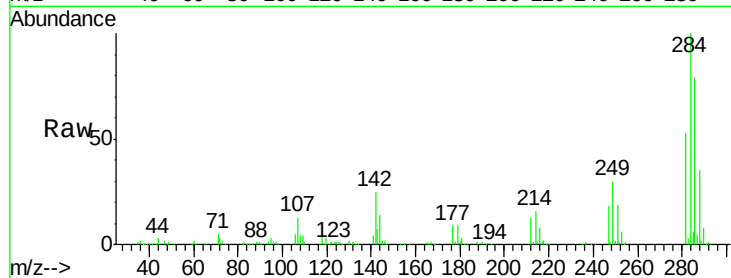
#67
Hexachlorobenzene
Concen: 41.65 ng
RT: 11.16 min Scan# 772
Delta R.T. 0.01 min
Lab File: BF090351.D
Acq: 4 Oct 2016 19:34

Instrument :
BNA_F
ClientSampled :
PB93723BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	24.6	23.1	34.7
249	29.8	26.3	39.5

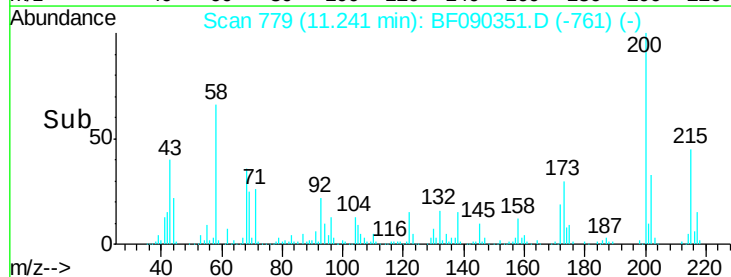
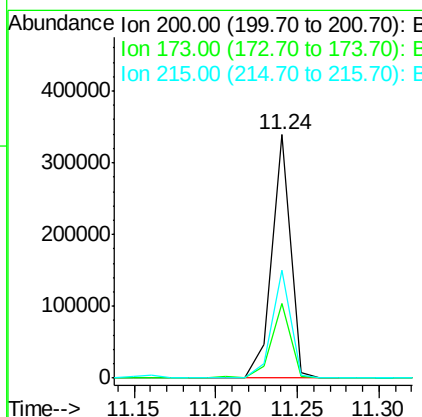
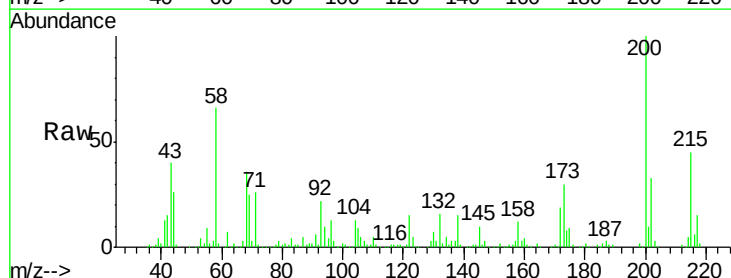
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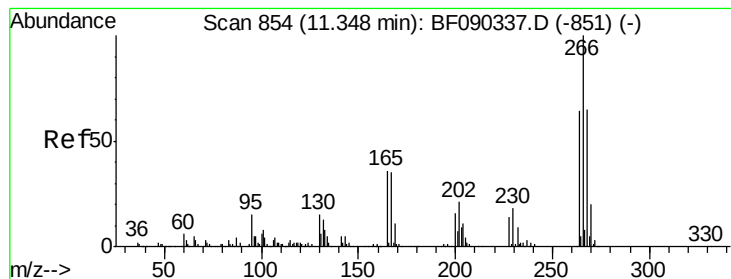
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#68
Atrazine
Concen: 49.41 ng
RT: 11.24 min Scan# 779
Delta R.T. 0.01 min
Lab File: BF090351.D
Acq: 4 Oct 2016 19:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	30.5	9.0	49.0
215	44.5	24.8	64.8





#69

Pentachlorophenol

Concen: 73.22 ng

RT: 11.34 min Scan# 788

Delta R.T. -0.00 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

Instrument :

BNA_F

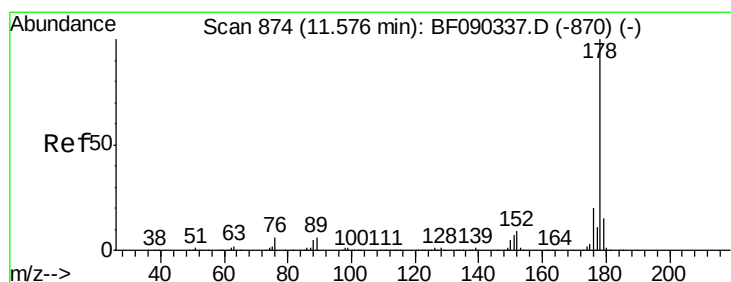
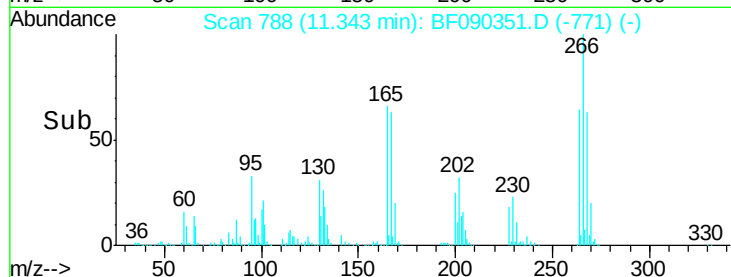
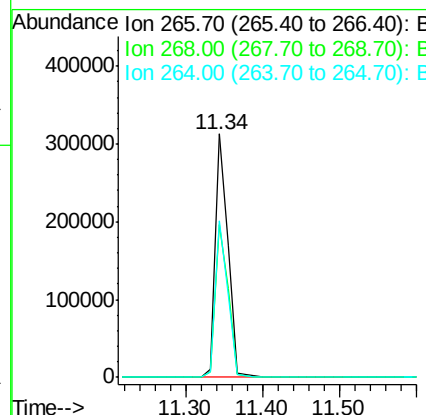
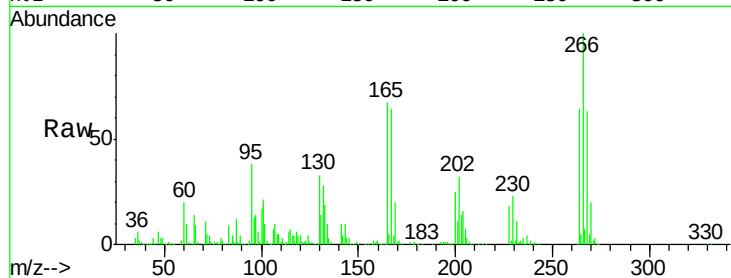
ClientSampleId :

PB93723BS

Tgt Ion:	266	Resp:	350334
Ion Ratio		Lower	Upper
266	100		
268	63.0	50.9	76.3
264	64.4	51.5	77.3

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#70

Phenanthrene

Concen: 45.09 ng

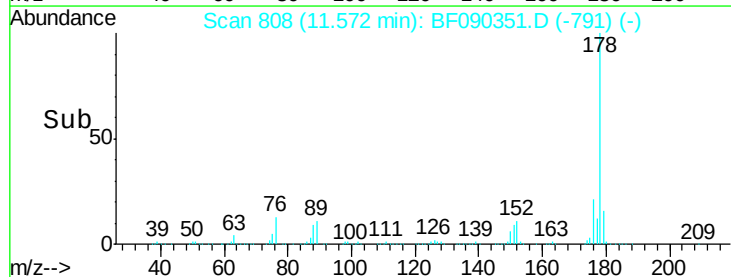
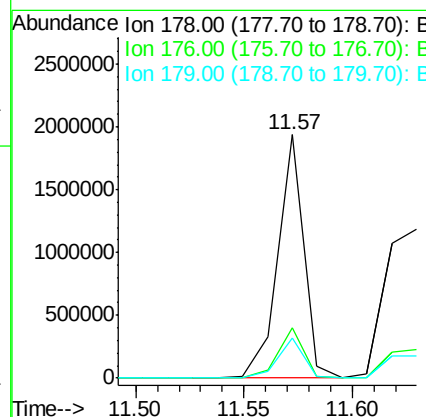
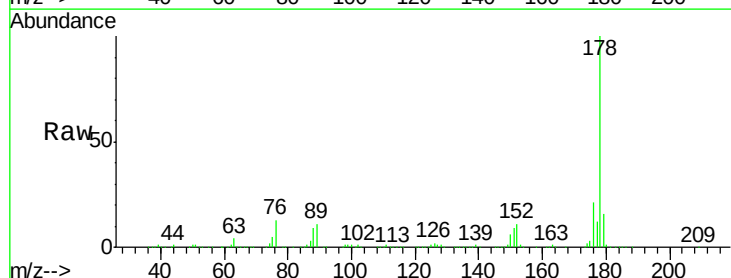
RT: 11.57 min Scan# 808

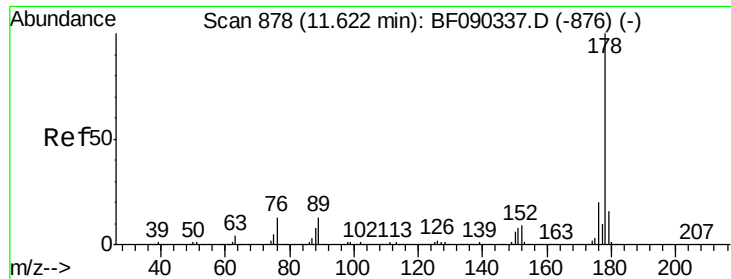
Delta R.T. -0.00 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

Tgt Ion:	178	Resp:	1625881
Ion Ratio		Lower	Upper
178	100		
176	20.9	17.3	25.9
179	16.3	13.8	20.6





#71

Anthracene

Concen: 44.01 ng

RT: 11.63 min Scan# 813

Delta R.T. 0.01 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

Instrument :

BNA_F

ClientSampled :

PB93723BS

Tgt Ion:178 Resp: 1583866

Ion Ratio Lower Upper

178 100

176 18.9 16.8 25.2

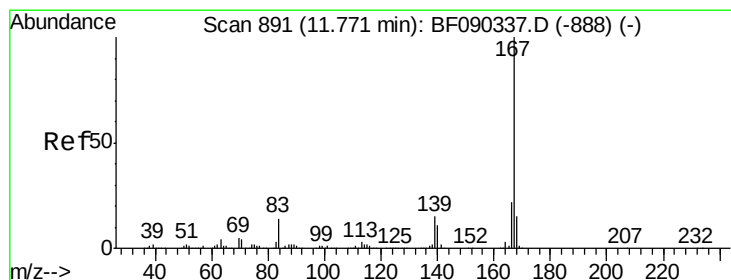
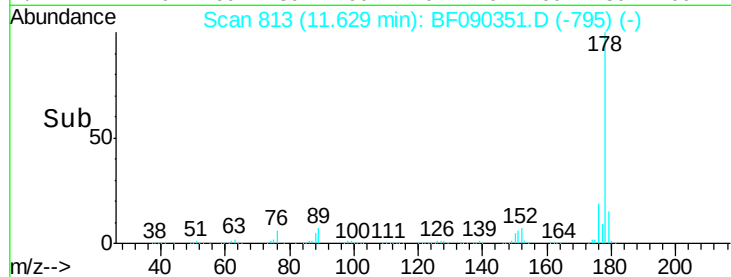
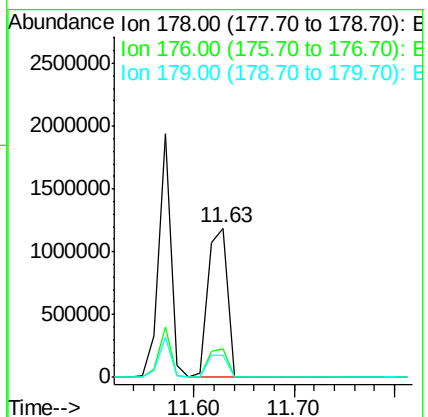
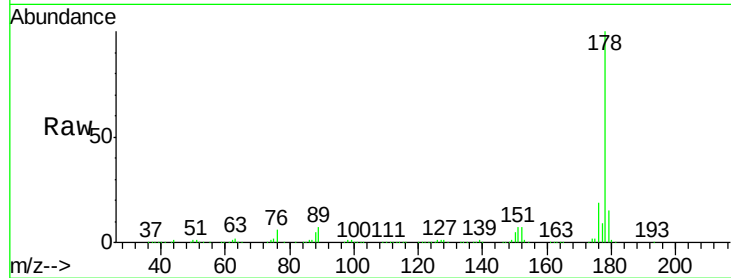
179 15.3 13.4 20.2

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#72

Carbazole

Concen: 44.10 ng

RT: 11.78 min Scan# 826

Delta R.T. 0.01 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

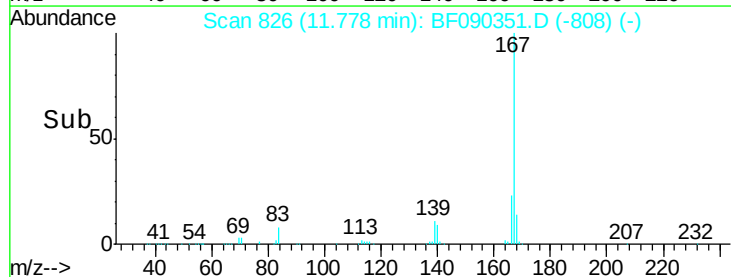
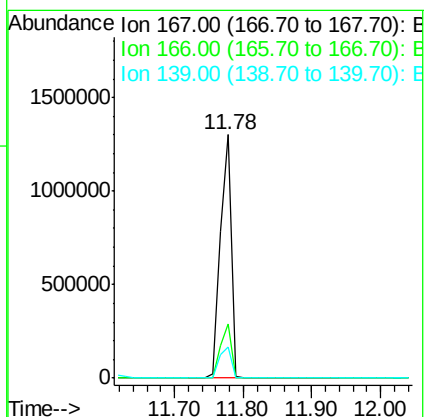
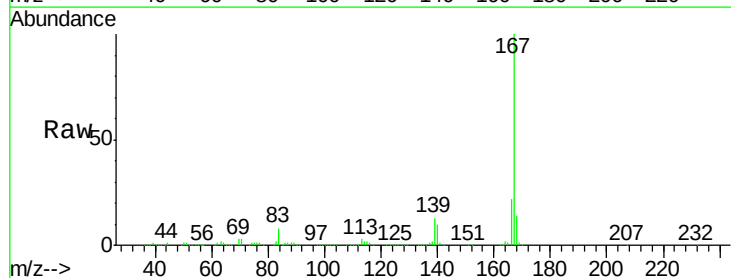
Tgt Ion:167 Resp: 1459233

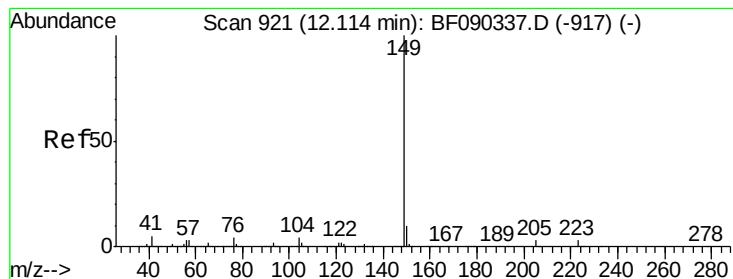
Ion Ratio Lower Upper

167 100

166 22.5 19.1 28.7

139 12.7 12.1 18.1





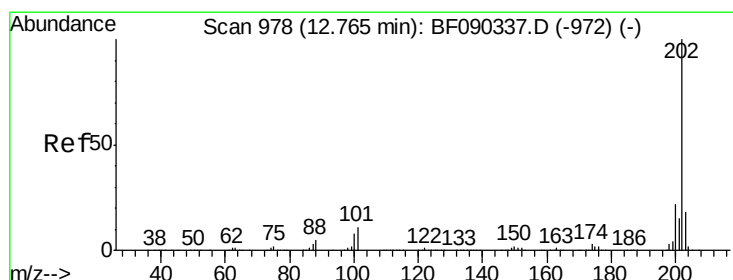
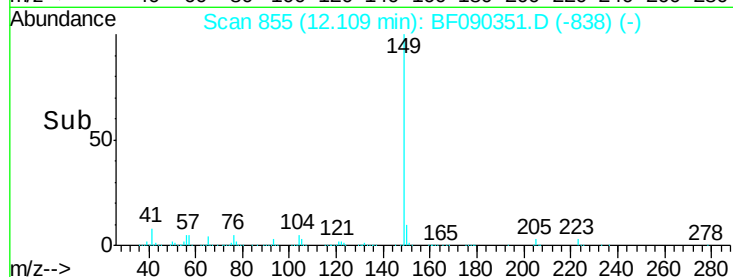
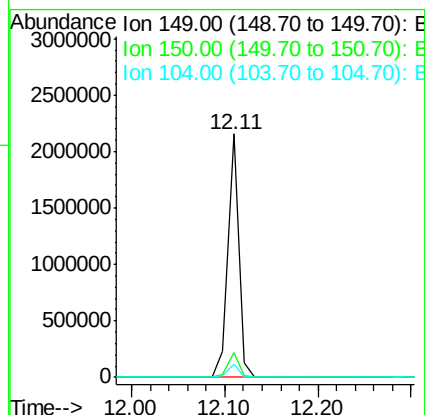
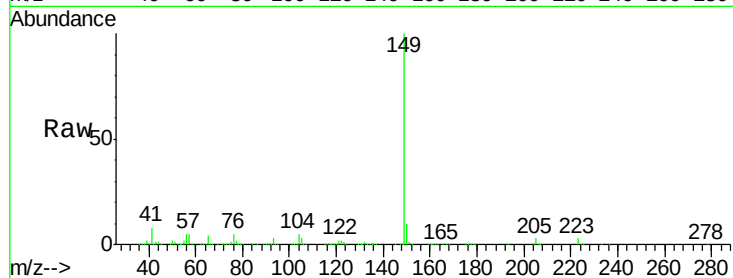
#73
Di-n-butylphthalate
Concen: 43.64 ng
RT: 12.11 min Scan# 855
Delta R.T. -0.00 min
Lab File: BF090351.D
Acq: 4 Oct 2016 19:34

Instrument :
BNA_F
ClientSampleId :
PB93723BS

Tgt Ion:149 Resp: 1725385
Ion Ratio Lower Upper
149 100
150 10.1 8.6 12.8
104 5.2 4.7 7.1

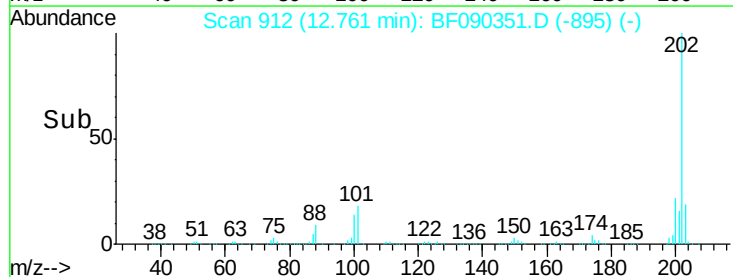
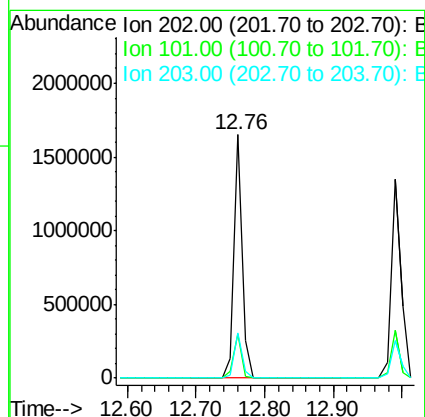
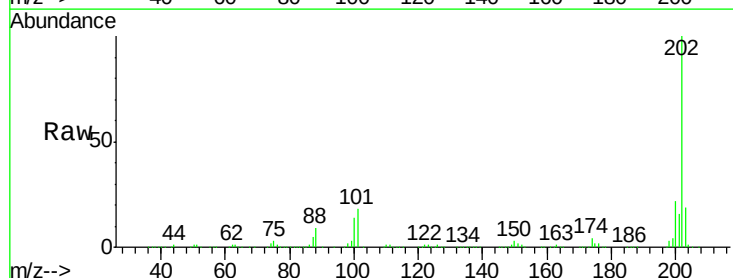
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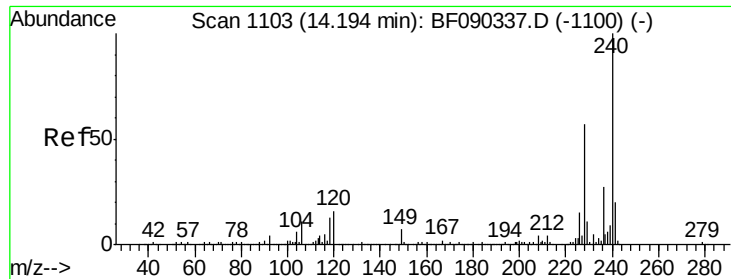
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#74
Fluoranthene
Concen: 41.08 ng
RT: 12.76 min Scan# 912
Delta R.T. -0.00 min
Lab File: BF090351.D
Acq: 4 Oct 2016 19:34

Tgt Ion:202 Resp: 1404997
Ion Ratio Lower Upper
202 100
101 18.3 0.0 37.2
203 18.5 0.0 39.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.19 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

Instrument :

BNA_F

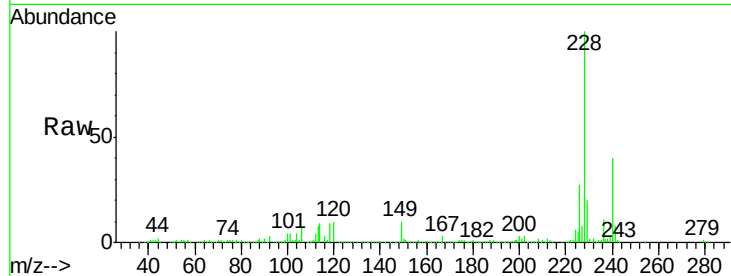
ClientSampled :

PB93723BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	478841		
120	24.5	8.6	13.0#	
236	26.9	21.6	32.4	

Manual Integrations
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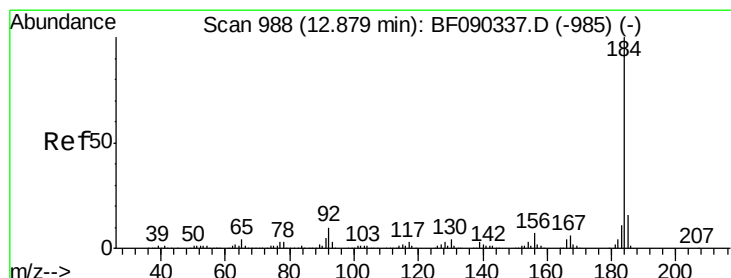
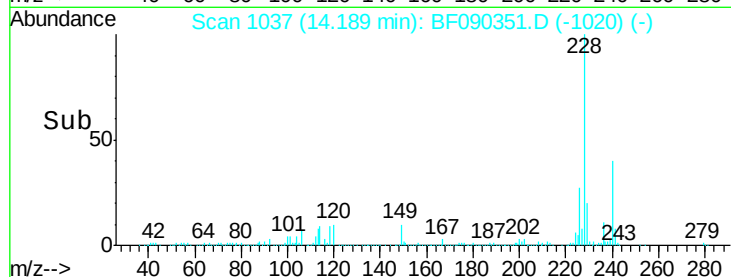
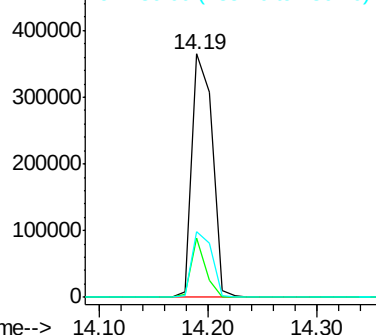
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 31.24 ng

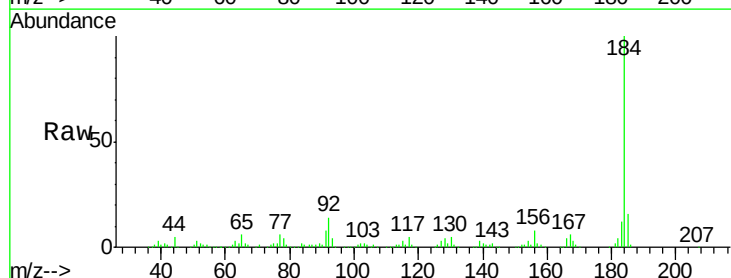
RT: 12.88 min Scan# 922

Delta R.T. -0.00 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

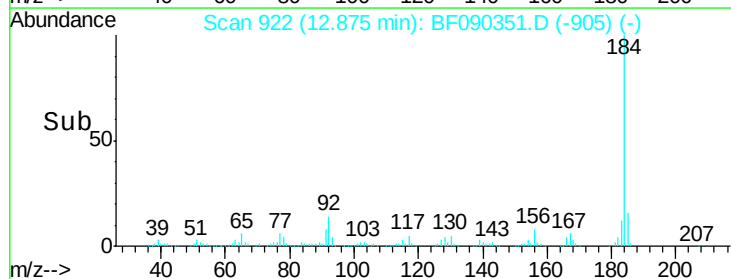
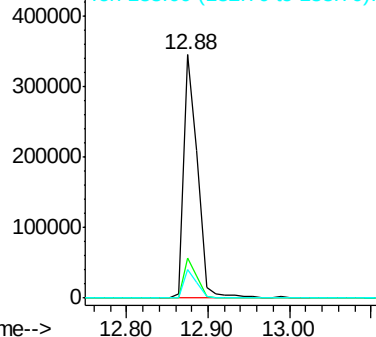
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	411379		
185	16.3	11.8	17.8	
183	11.6	9.6	14.4	

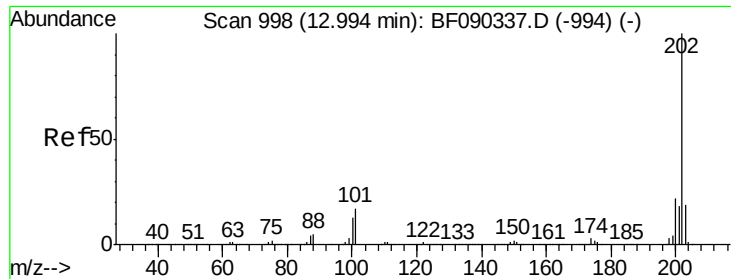


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





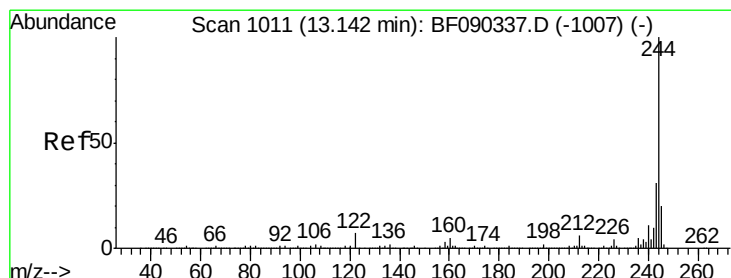
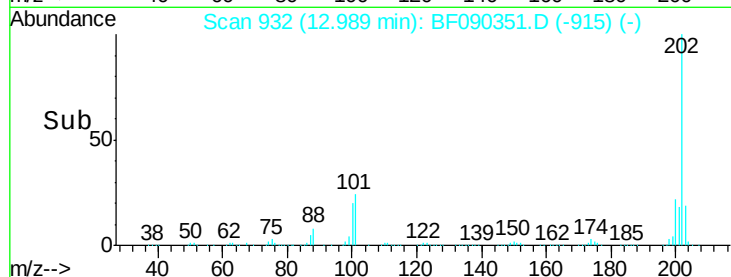
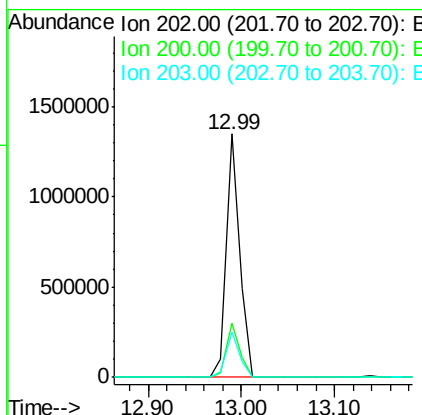
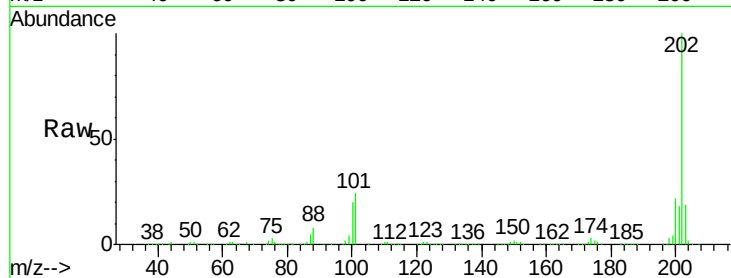
#77
 Pyrene
 Concen: 43.82 ng
 RT: 12.99 min Scan# 932
 Delta R.T. -0.00 min
 Lab File: BF090351.D
 Acq: 4 Oct 2016 19:34

Instrument :
 BNA_F
 ClientSampleId :
 PB93723BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.2	18.5	27.7
203	18.7	15.0	22.6

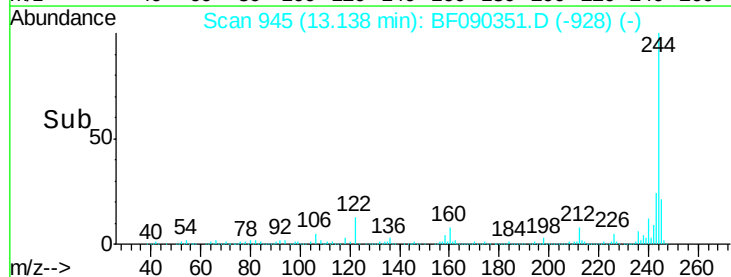
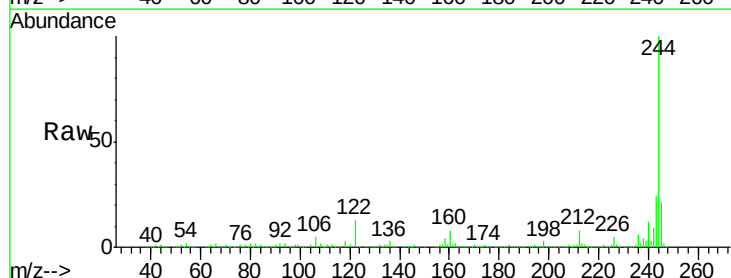
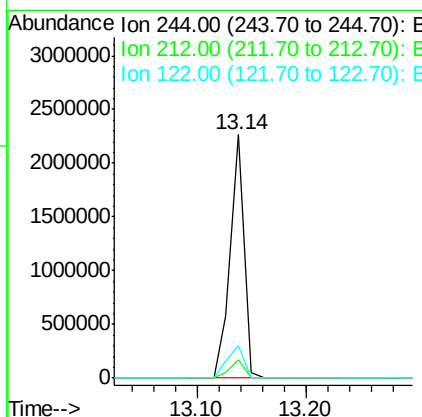
Manual Integrations
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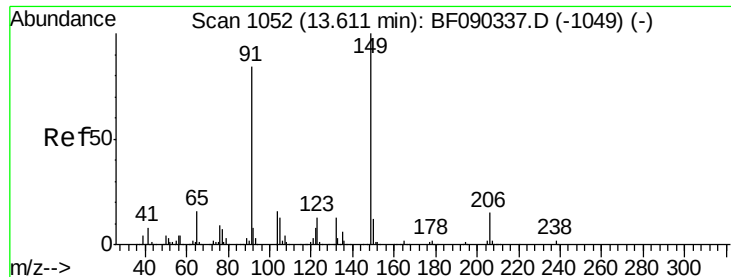
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#78
 Terphenyl-d14
 Concen: 97.18 ng
 RT: 13.14 min Scan# 945
 Delta R.T. -0.00 min
 Lab File: BF090351.D
 Acq: 4 Oct 2016 19:34

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.8	10.2
122	13.1	13.3	19.9#





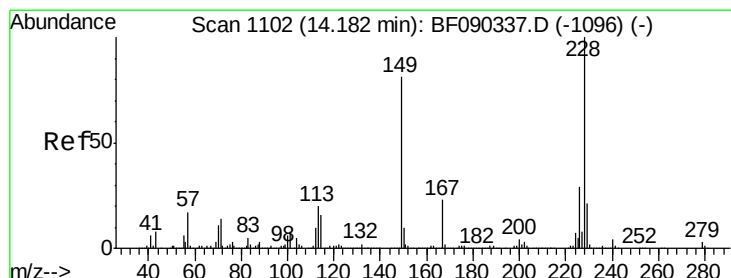
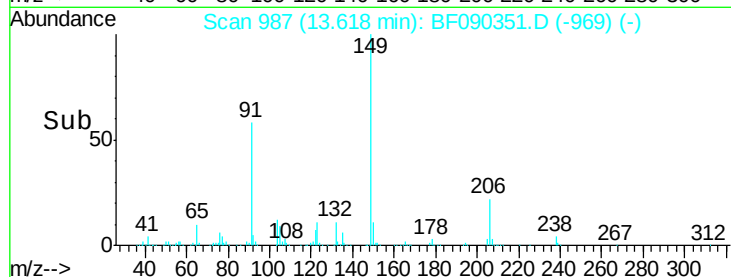
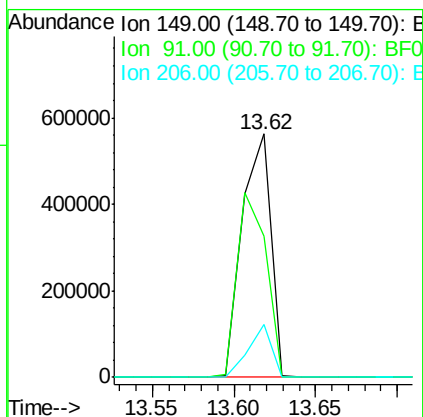
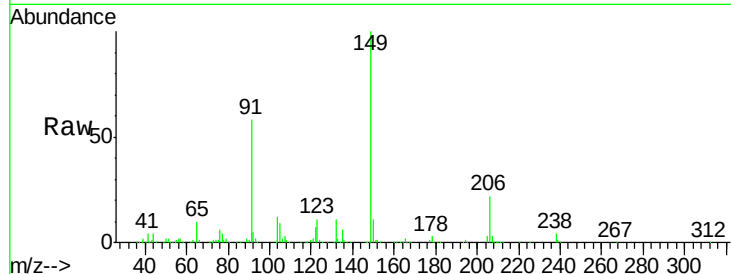
#79
Butylbenzylphthalate
Concen: 56.54 ng
RT: 13.62 min Scan# 987
Delta R.T. 0.01 min
Lab File: BF090351.D
Acq: 4 Oct 2016 19:34

Instrument :
BNA_F
ClientSampleId :
PB93723BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	683159		
91	57.9	51.8	77.8	
206	21.7	18.0	27.0	

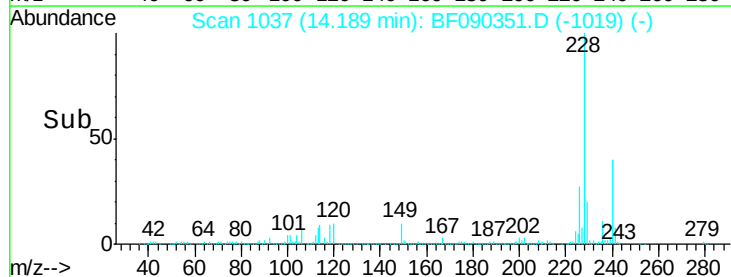
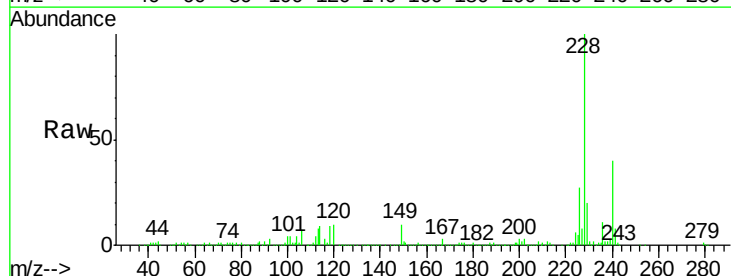
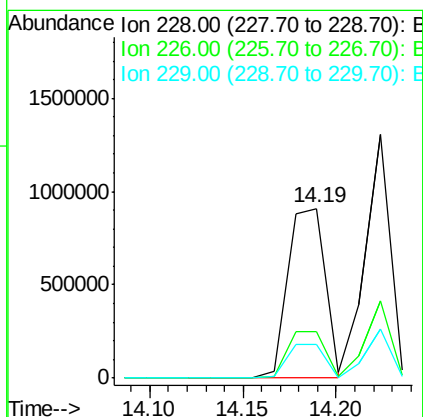
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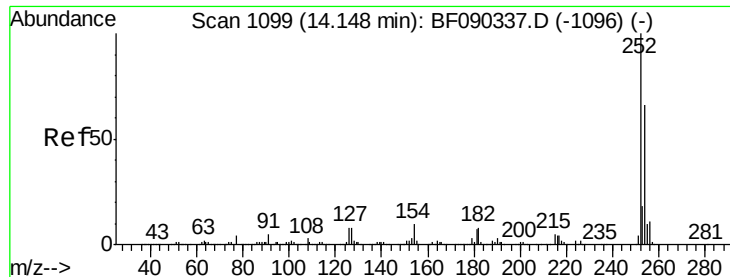
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#80
Benzo(a)anthracene
Concen: 47.48 ng
RT: 14.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF090351.D
Acq: 4 Oct 2016 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1274959		
226	27.5	23.6	35.4	
229	20.1	16.6	25.0	





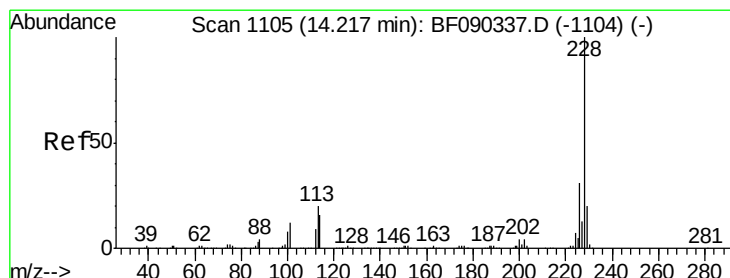
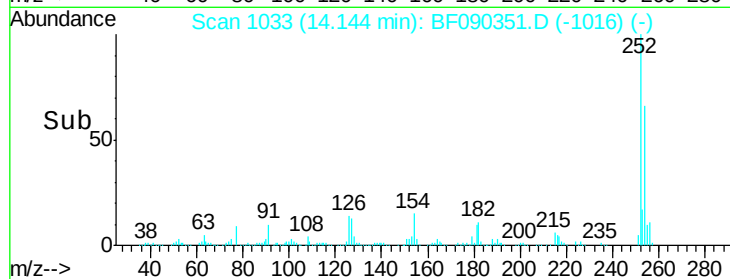
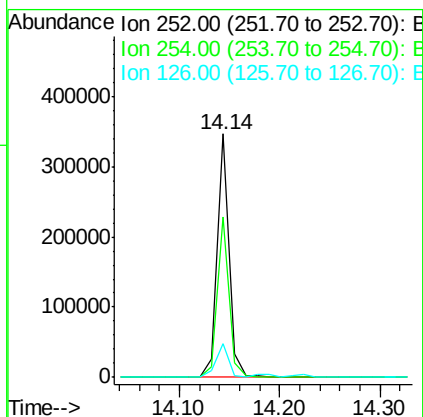
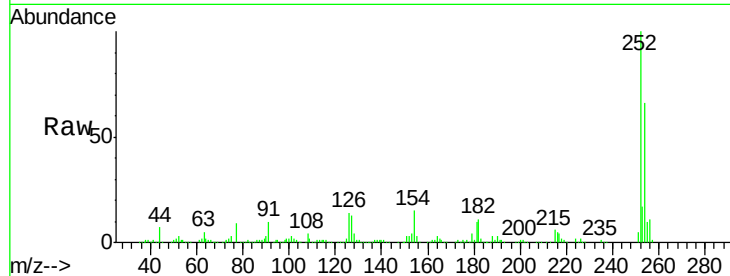
#81
 3,3'-Dichlorobenzidine
 Concen: 30.72 ng
 RT: 14.14 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BF090351.D
 Acq: 4 Oct 2016 19:34

Instrument :
 BNA_F
 ClientSampleId :
 PB93723BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.1	52.1	78.1
126	14.1	4.2	6.4

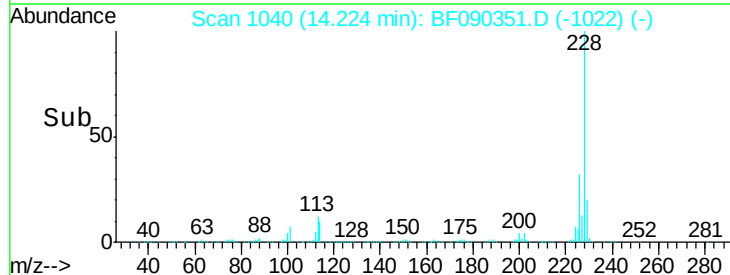
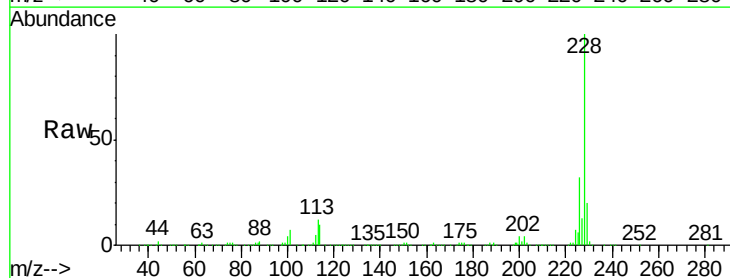
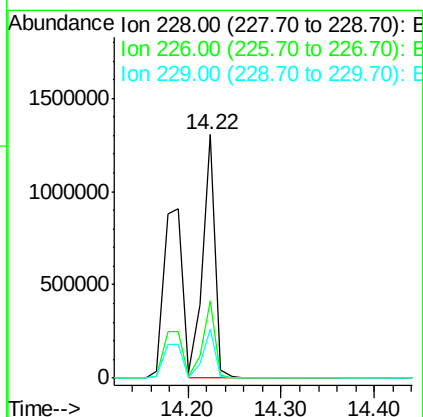
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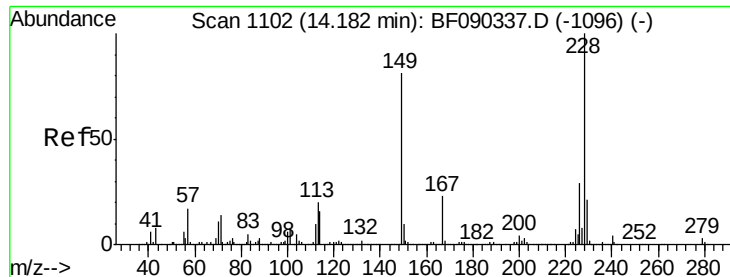
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#82
 Chrysene
 Concen: 48.05 ng
 RT: 14.22 min Scan# 1040
 Delta R.T. 0.01 min
 Lab File: BF090351.D
 Acq: 4 Oct 2016 19:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.8	38.6
229	20.4	16.9	25.3





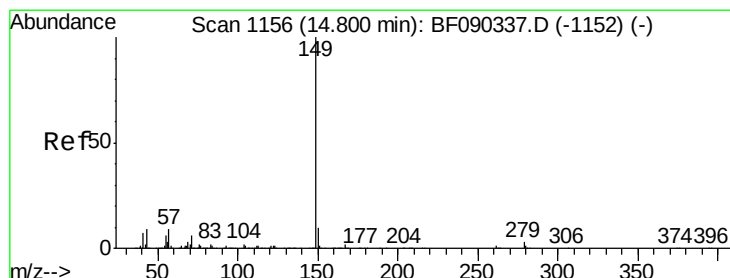
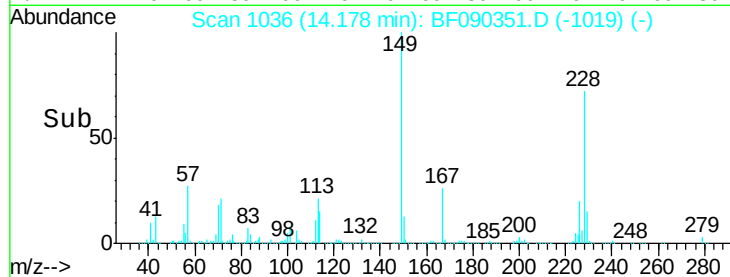
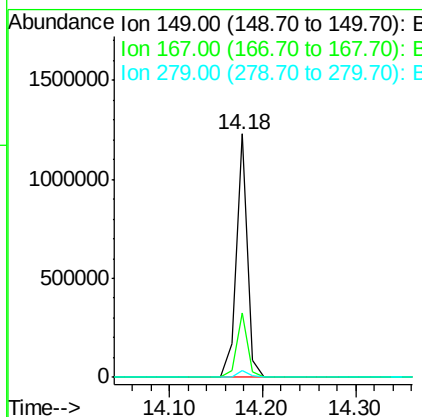
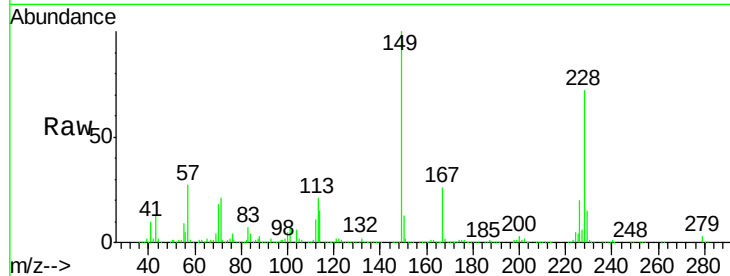
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 53.40 ng
 RT: 14.18 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF090351.D
 Acq: 4 Oct 2016 19:34

Instrument :
 BNA_F
 ClientSampleId :
 PB93723BS

Tgt Ion:149 Resp: 1032254
 Ion Ratio Lower Upper
 149 100
 167 26.5 21.5 32.3
 279 2.7 2.6 3.8

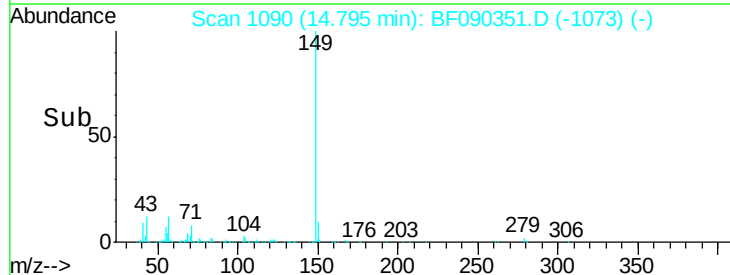
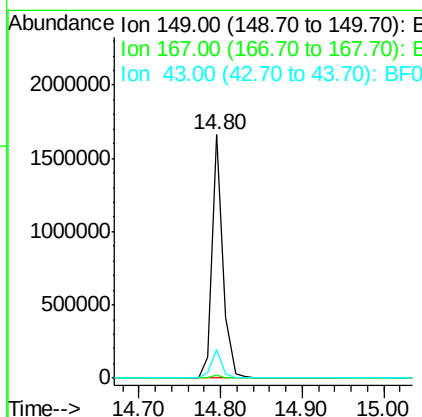
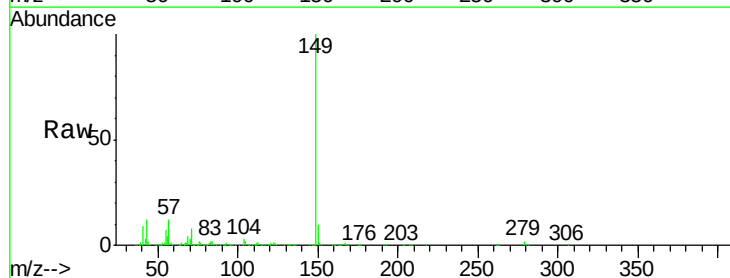
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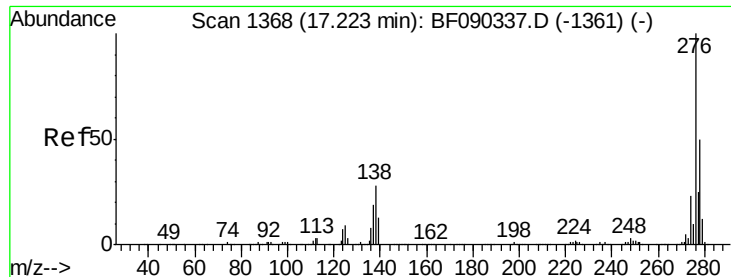
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#84
 Di-n-octyl phthalate
 Concen: 55.42 ng
 RT: 14.80 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: BF090351.D
 Acq: 4 Oct 2016 19:34

Tgt Ion:149 Resp: 1556429
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 11.9 11.8 17.8





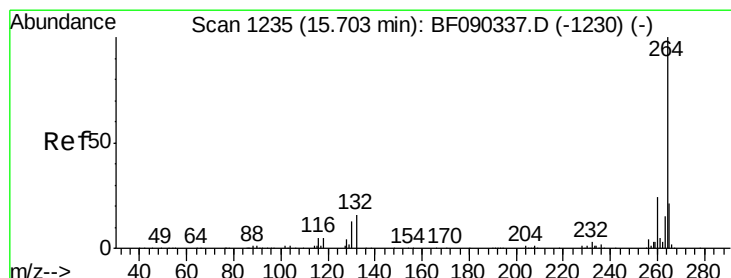
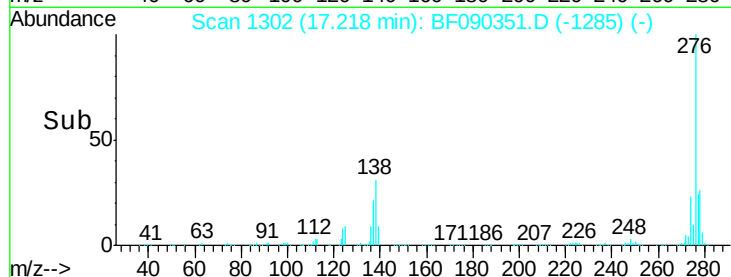
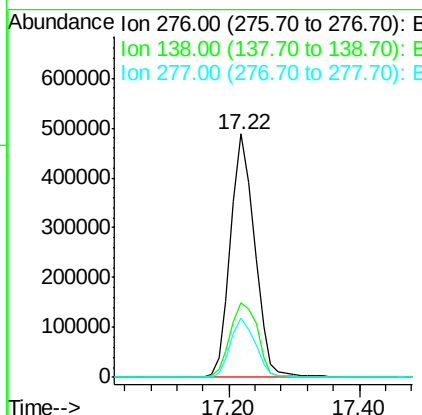
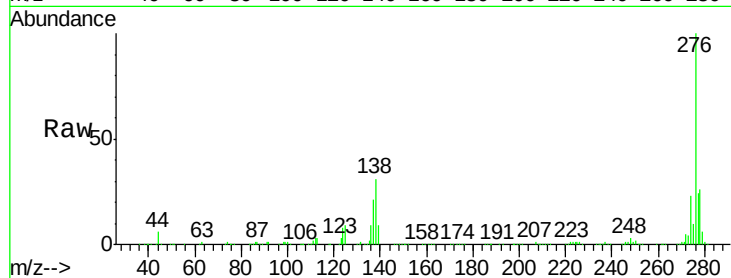
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.60 ng
 RT: 17.22 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: BF090351.D
 Acq: 4 Oct 2016 19:34

Instrument :
 BNA_F
 ClientSampleId :
 PB93723BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	35.0	23.8	35.8
277	25.2	20.4	30.6

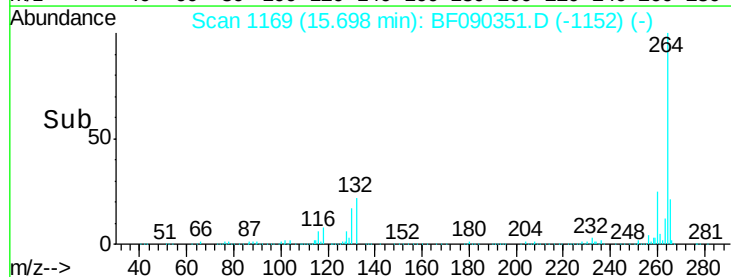
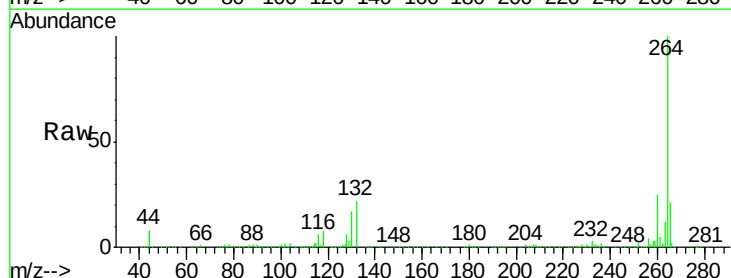
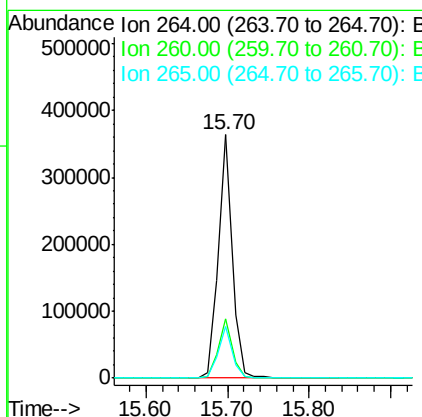
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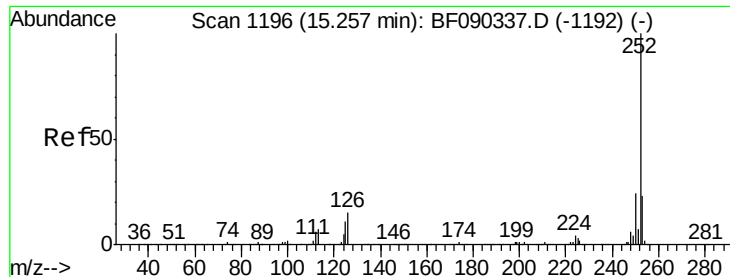
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.70 min Scan# 1169
 Delta R.T. -0.00 min
 Lab File: BF090351.D
 Acq: 4 Oct 2016 19:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.3	28.9
265	21.4	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 52.74 ng

RT: 15.25 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

Instrument :

BNA_F

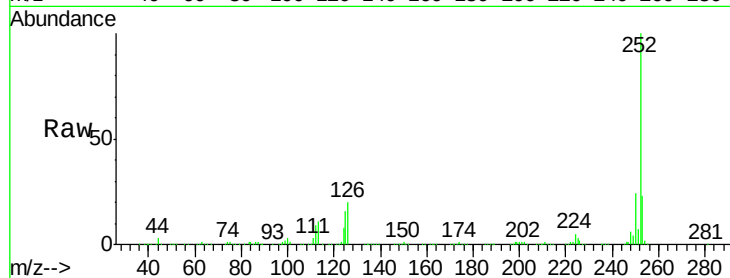
ClientSampled :

PB93723BS

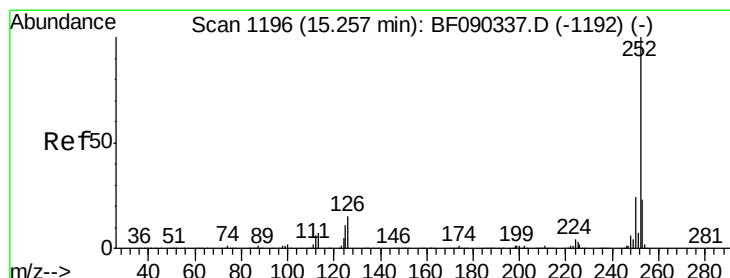
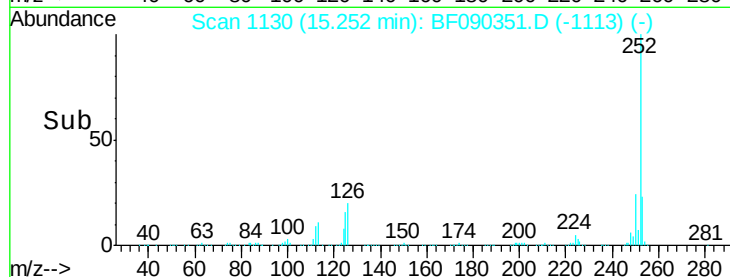
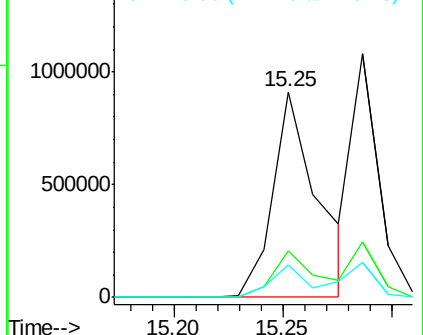
Tgt Ion:	252	Resp:	1312174
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.2	27.2
125	15.7	7.0	10.4

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 39.04 ng m

RT: 15.29 min Scan# 1133

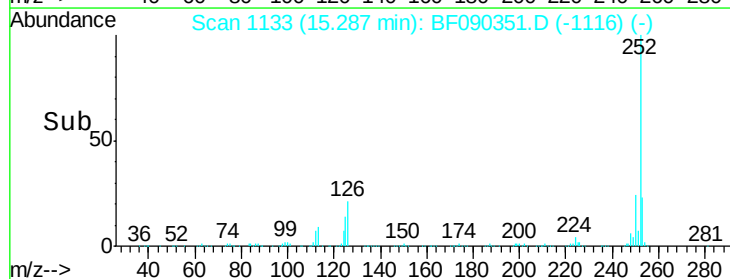
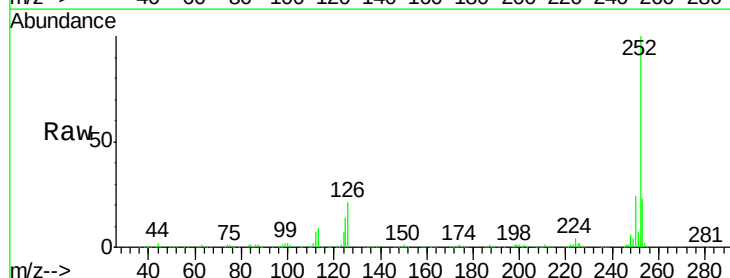
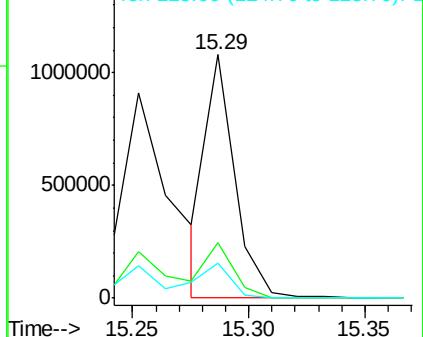
Delta R.T. -0.00 min

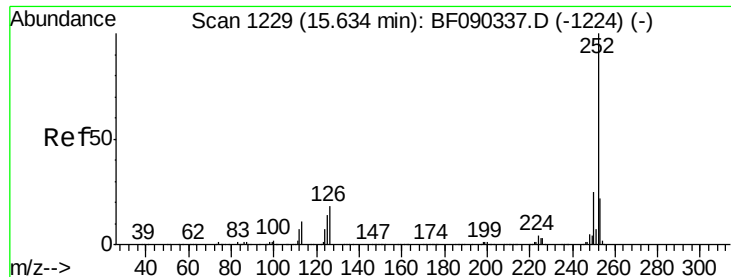
Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

Tgt Ion:	252	Resp:	927707
Ion Ratio	Lower	Upper	
252	100		
253	22.7	18.6	27.8
125	14.4	11.7	17.5

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





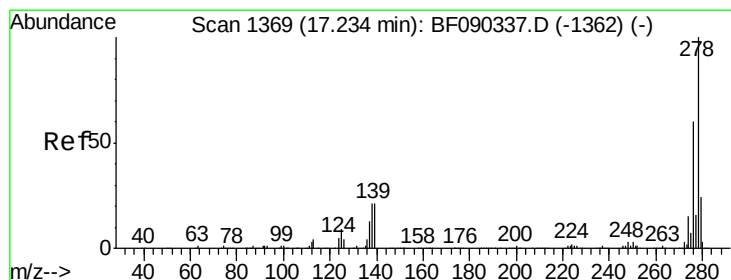
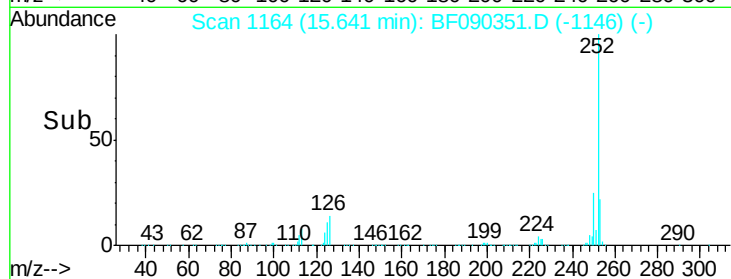
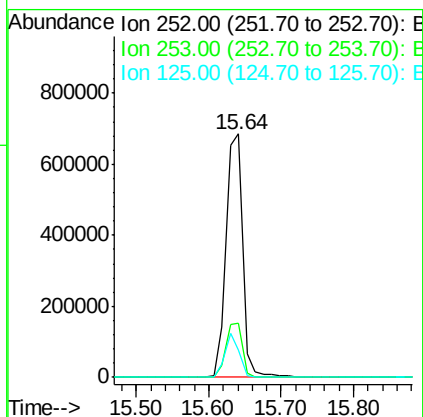
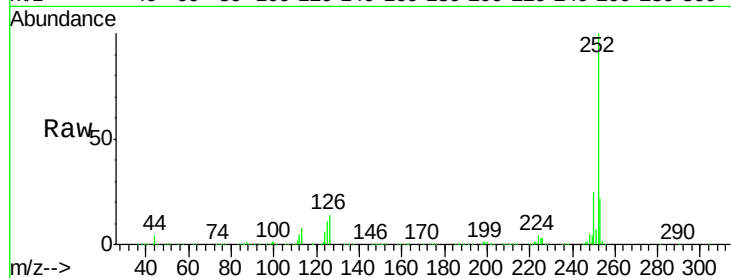
#89
Benzo(a)pyrene
Concen: 48.36 ng
RT: 15.64 min Scan# 1164
Delta R.T. 0.01 min
Lab File: BF090351.D
Acq: 4 Oct 2016 19:34

Instrument :
BNA_F
ClientSampleId :
PB93723BS

Tgt Ion: 252 Resp: 1097337
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.4
125 11.0 9.8 14.8

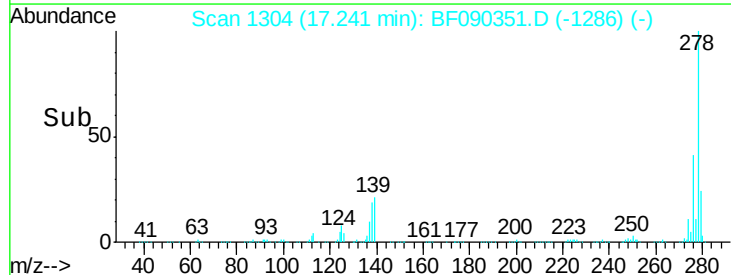
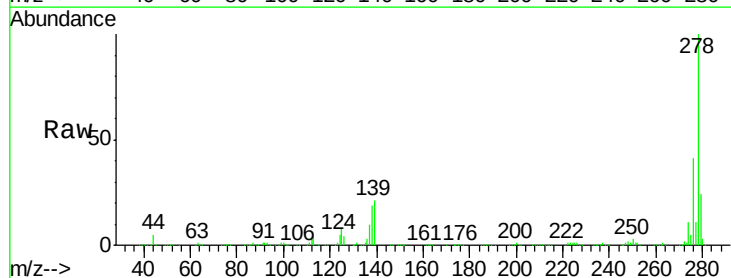
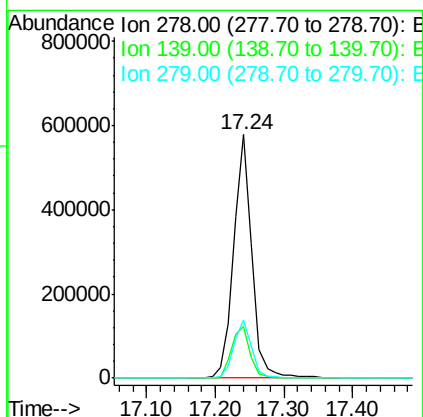
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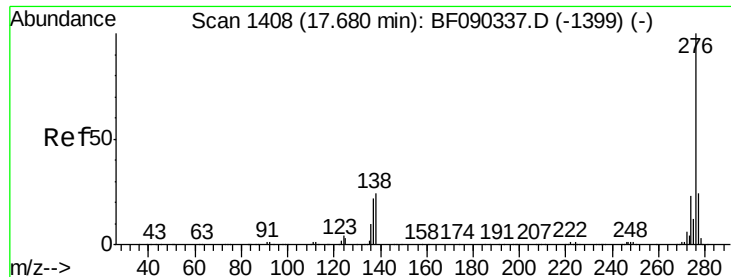
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#90
Dibenzo(a,h)anthracene
Concen: 48.57 ng
RT: 17.24 min Scan# 1304
Delta R.T. 0.01 min
Lab File: BF090351.D
Acq: 4 Oct 2016 19:34

Tgt Ion: 278 Resp: 1080800
Ion Ratio Lower Upper
278 100
139 21.1 12.8 19.2#
279 23.7 19.6 29.4





#91

Benzo(g,h,i)perylene

Concen: 48.83 ng

RT: 17.68 min Scan# 1342

Delta R.T. -0.00 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

Instrument :

BNA_F

ClientSampleId :

PB93723BS

Tgt Ion: 276 Resp: 1064154

Ion Ratio Lower Upper

276 100

277 24.1 19.4 29.0

138 32.2 20.8 31.2#

Manual Integrations

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