

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\
 Data File : BF091743.D
 Acq On : 18 Dec 2016 18:24
 Operator : UM/SJ
 Sample : H6057-04MS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP20-COMP6MS

Quant Time: Dec 19 16:36:54 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 22:53:54 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	311497	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	1269227	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	716769	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	1105768	20.00	ng	0.00
75) Chrysene-d12	13.93	240	826643	20.00	ng	0.00
86) Perylene-d12	15.32	264	665667	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	2747540	147.78	ng	0.03
7) Phenol-d6	6.43	99	2929568	129.20	ng	0.01
23) Nitrobenzene-d5	7.34	82	2108492	95.80	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	709408	116.72	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	3319854	93.05	ng	0.00
78) Terphenyl-d14	12.88	244	2818235	86.08	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	368528	40.25	ng	# 84
3) Pyridine	3.20	79	952161m	32.28	ng	
4) n-Nitrosodimethylamine	3.13	42	501927	43.97	ng	96
6) Aniline	6.44	93	218603	7.49	ng	# 1
8) 2-Chlorophenol	6.57	128	870483	42.53	ng	88
10) Phenol	6.44	94	1007638	39.43	ng	# 67
11) bis(2-Chloroethyl)ether	6.51	93	971021	47.57	ng	97
12) 1,3-Dichlorobenzene	6.72	146	872400	38.82	ng	99
13) 1,4-Dichlorobenzene	6.78	146	844307	37.13	ng	99
14) 1,2-Dichlorobenzene	6.94	146	830999	41.72	ng	98
15) Benzyl Alcohol	6.92	79	710528	40.47	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	1292707	41.44	ng	95
17) 2-Methylphenol	7.05	107	784756	45.89	ng	93
18) Hexachloroethane	7.29	117	335745	39.74	ng	89
19) n-Nitroso-di-n-propylamine	7.20	70	680408	45.11	ng	98
20) 3+4-Methylphenols	7.20	107	936081	49.07	ng	95
22) Acetophenone	7.18	105	1318128	43.01	ng	# 97
24) Nitrobenzene	7.36	77	936325	39.62	ng	98
25) Isophorone	7.61	82	1990770	47.41	ng	99
26) 2-Nitrophenol	7.68	139	540833	47.44	ng	95
27) 2,4-Dimethylphenol	7.72	122	871734	46.87	ng	99
28) bis(2-Chloroethoxy)methane	7.81	93	1207432	49.14	ng	99
29) 2,4-Dichlorophenol	7.92	162	784381	45.73	ng	88
30) 1,2,4-Trichlorobenzene	8.00	180	776616	41.77	ng	# 94
31) Naphthalene	8.08	128	2493652	41.12	ng	100
32) Benzoic acid	7.87	122	615003	46.40	ng	97
33) 4-Chloroaniline	8.13	127	127019	4.97	ng	97
34) Hexachlorobutadiene	8.20	225	442533	42.34	ng	99
35) Caprolactam	8.52	113	254055m	46.03	ng	
36) 4-Chloro-3-methylphenol	8.62	107	945036	49.94	ng	100
37) 2-Methylnaphthalene	8.77	142	1846262	48.30	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	710560	39.77	ng	99
40) Hexachlorocyclopentadiene	8.92	237	650995	85.97	ng	97
42) 2,4,6-Trichlorophenol	9.06	196	567181	44.43	ng	99

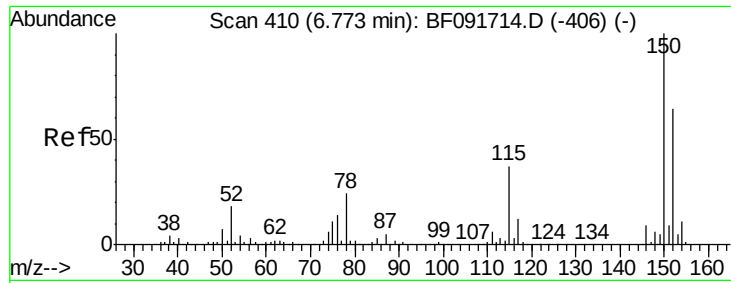
Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.10	196	541891	43.21	nq	97
45) 1,1'-Biphenyl	9.23	154	2175674	42.35	nq	96
46) 2-Chloronaphthalene	9.25	162	1614554	42.05	nq	94
47) 2-Nitroaniline	9.36	65	515316	39.31	nq	99
48) Acenaphthylene	9.68	152	2623834	44.11	nq	100
49) Dimethylphthalate	9.55	163	2151133	45.95	nq	100
50) 2,6-Dinitrotoluene	9.61	165	512388	49.91	nq	92
51) Acenaphthene	9.85	154	1800254	44.09	nq	99
52) 3-Nitroaniline	9.77	138	81524	6.38	nq	87
53) 2,4-Dinitrophenol	9.88	184	540224	97.41	nq	# 74
54) Dibenzofuran	10.02	168	2284510	47.06	nq	99
55) 4-Nitrophenol	9.95	139	652109	73.47	nq	98
56) 2,4-Dinitrotoluene	10.01	165	569905	44.44	nq	90
57) Fluorene	10.36	166	1807252	47.93	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	460172	44.38	nq	96
59) Diethylphthalate	10.25	149	2079683	45.19	nq	95
60) 4-Chlorophenyl-phenylether	10.35	204	712588	41.49	nq	97
61) 4-Nitroaniline	10.38	138	352908	29.14	nq	99
62) Azobenzene	10.51	77	2147302	43.85	nq	98
64) 4,6-Dinitro-2-methylphenol	10.42	198	362775	49.74	nq	98
65) n-Nitrosodiphenylamine	10.48	169	1392145	40.54	nq	100
66) 4-Bromophenyl-phenylether	10.84	248	552383	47.64	nq	91
67) Hexachlorobenzene	10.91	284	581119	47.83	nq	# 87
68) Atrazine	11.00	200	269544	25.98	nq	98
69) Pentachlorophenol	11.10	266	607830	92.71	nq	98
70) Phenanthrene	11.32	178	2690315	48.69	nq	99
71) Anthracene	11.37	178	2457402	41.99	nq	99
72) Carbazole	11.53	167	2060770	40.27	nq	98
73) Di-n-butylphthalate	11.86	149	2734756	41.68	nq	100
74) Fluoranthene	12.50	202	2329429	40.37	nq	99
77) Pyrene	12.73	202	2485070	41.63	nq	99
79) Butylbenzylphthalate	13.36	149	1333234	47.72	nq	91
80) Benzo(a)anthracene	13.92	228	1851666	39.16	nq	99
81) 3,3'-Dichlorobenzidine	13.88	252	110074	5.82	nq	# 95
82) Chrysene	13.95	228	1857522	37.90	nq	100
83) Bis(2-ethylhexyl)phthalate	13.92	149	1466226	41.37	nq	# 98
84) Di-n-octyl phthalate	14.52	149	2911347	44.58	nq	99
85) Indeno(1,2,3-cd)pyrene	16.68	276	1767442	36.68	nq	100
87) Benzo(b)fluoranthene	14.93	252	2017891	47.81	nq	98
88) Benzo(k)fluoranthene	14.97	252	1796817m	60.67	nq	
89) Benzo(a)pyrene	15.28	252	1794096	49.52	nq	# 95
90) Dibenzo(a,h)anthracene	16.69	278	1441980	45.66	nq	99
91) Benzo(g,h,i)perylene	17.08	276	1448192	45.12	nq	# 95

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

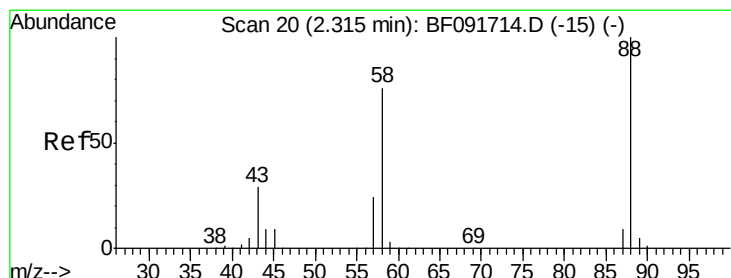
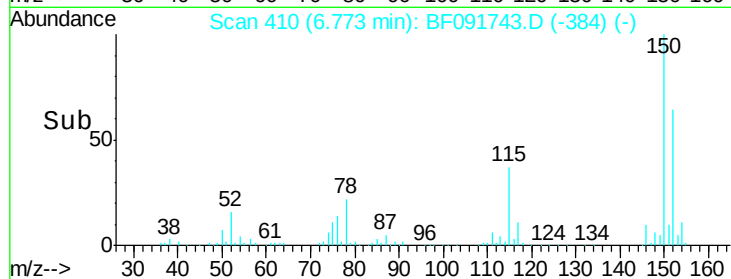
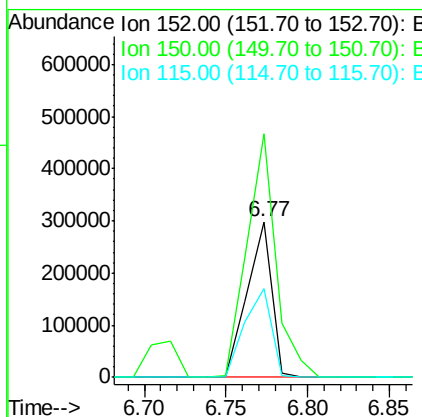
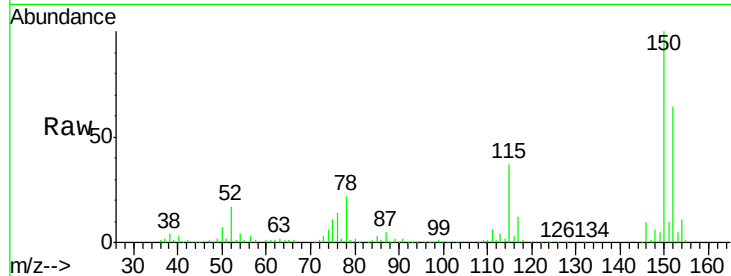


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 410
Delta R.T. 0.00 min
Lab File: BF091743.D
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BNA_F
ClientSampleId :
TP20-COMP6MS

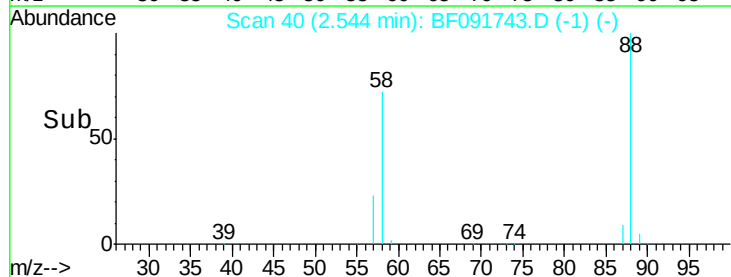
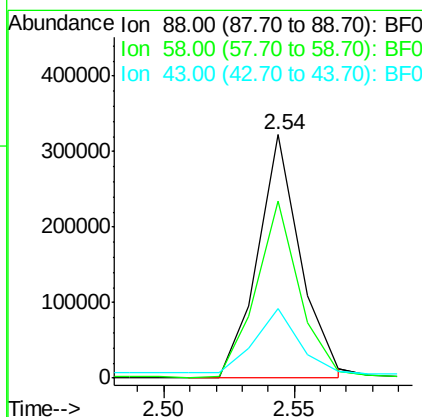
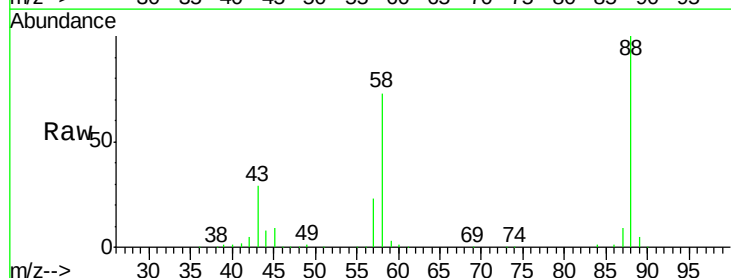
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Ion Ratio Lower Upper
152 100
150 156.2 124.9 187.3
115 57.1 46.0 69.0

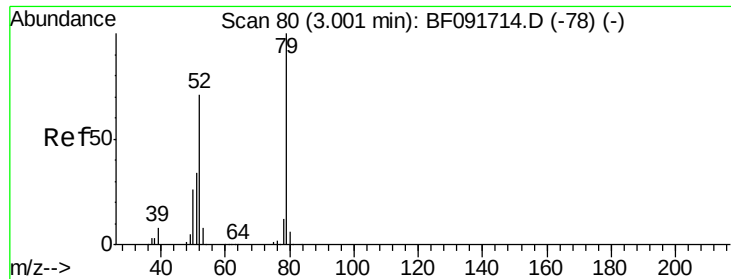


#2

1,4-Dioxane
Concen: 40.25 ng
RT: 2.54 min Scan# 40
Delta R.T. 0.23 min
Lab File: BF091743.D
Acq: 18 Dec 2016 18:24

Tgt Ion: 88 Resp: 368528
Ion Ratio Lower Upper
88 100
58 73.4 57.8 86.8
43 0.0 22.3 33.5#

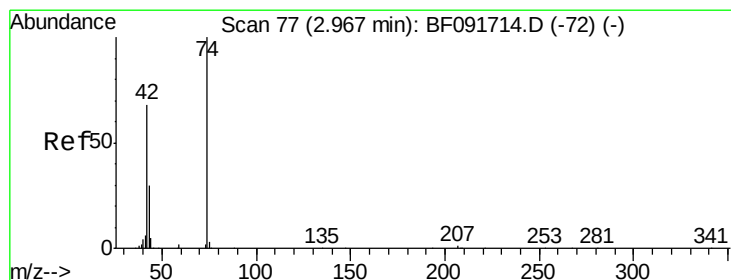
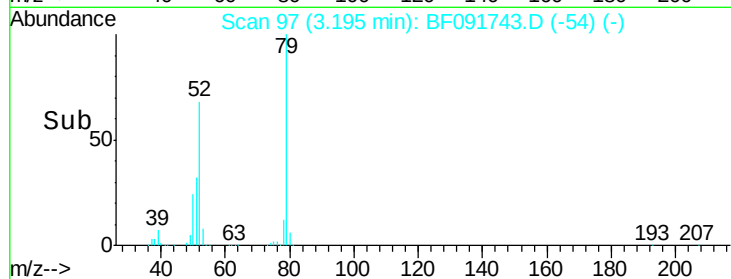
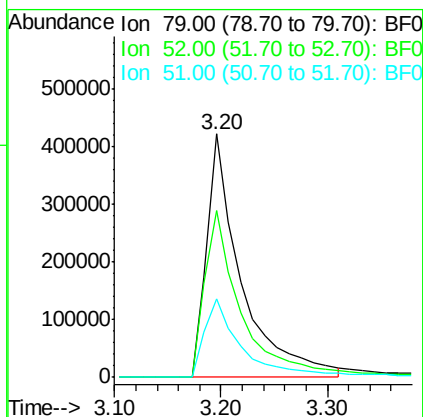
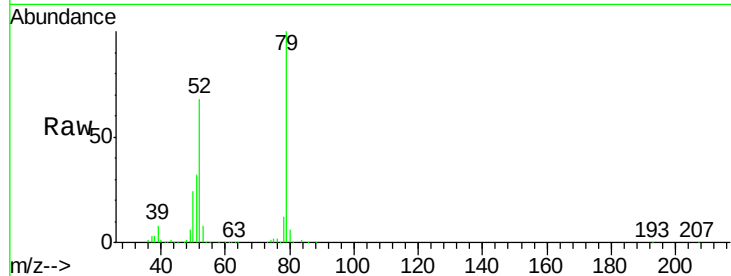




#3
 Pvridine
 Concen: 32.28 ng/ml
 RT: 3.20 min Scan# 97
 Delta R.T. 0.19 min
 Lab File: BF091743.D
 Acq: 18 Dec 2016 18:24

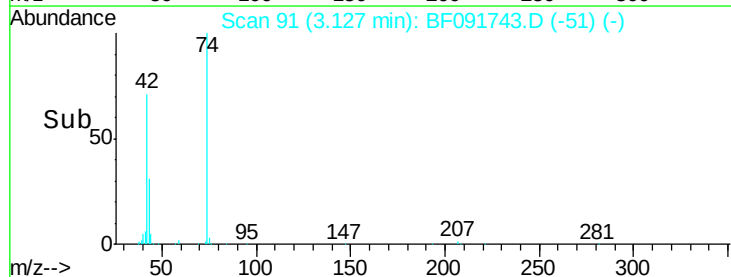
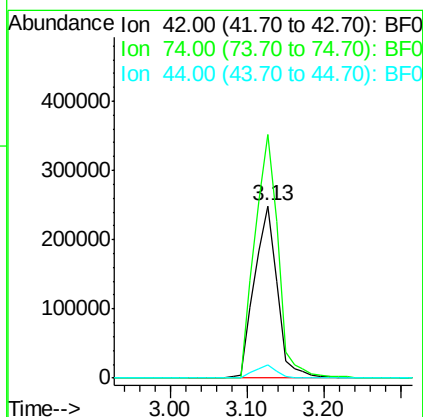
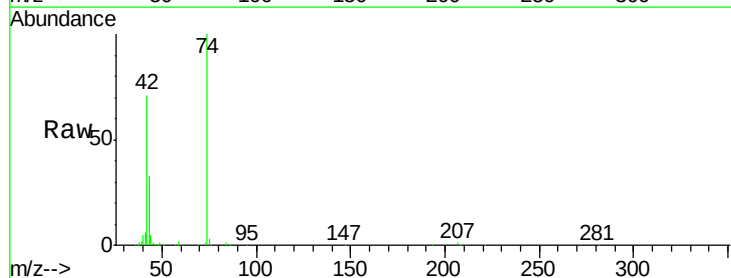
Instrument :
 BNA_F
 ClientSampleId :
 TP20-COMP6MS

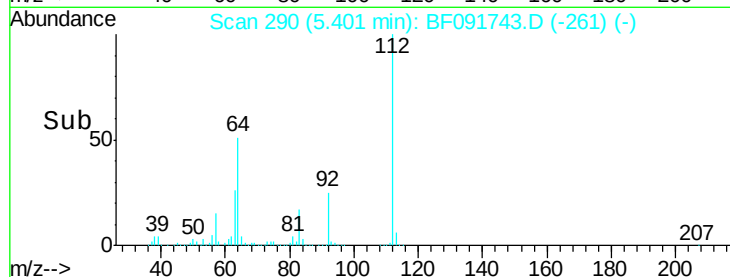
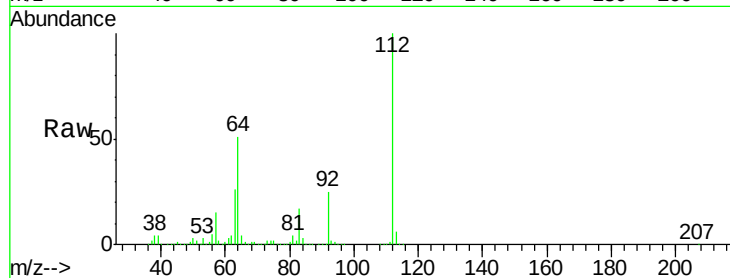
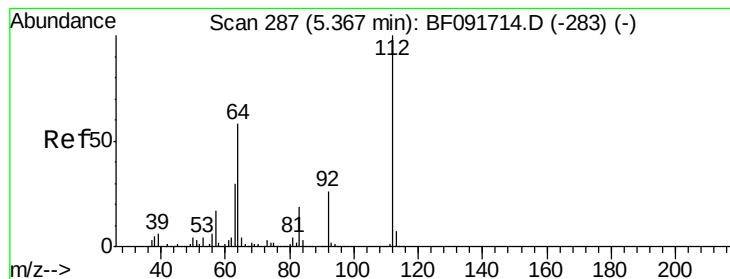
Tot Ion: 79 Resp: 952161
 Ion Ratio Lower Upper
 79 100
 52 68.3 57.1 85.7
 51 32.1 27.3 40.9



#4
 n-Nitrosodimethylamine
 Concen: 43.97 ng/ml
 RT: 3.13 min Scan# 91
 Delta R.T. 0.16 min
 Lab File: BF091743.D
 Acq: 18 Dec 2016 18:24

Tgt Ion: 42 Resp: 501927
 Ion Ratio Lower Upper
 42 100
 74 141.3 117.0 175.4
 44 7.5 5.5 8.3





#5

2-Fluorophenol

Concen: 147.78 ng

RT: 5.40 min Scan# 290

Delta R.T. 0.03 min

Lab File: BF091743.D

Acq: 18 Dec 2016 18:24

Instrument :

BNA_F

ClientSampleId :

TP20-COMP6MS

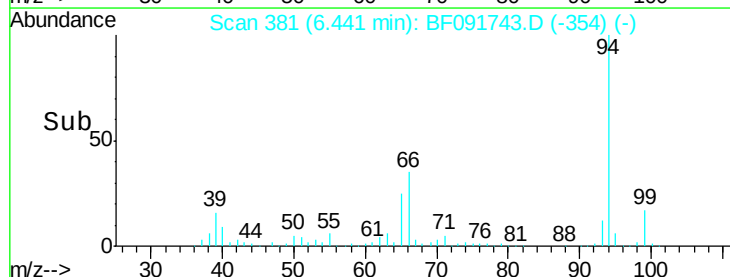
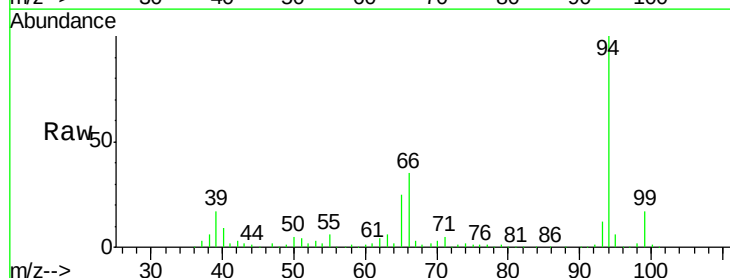
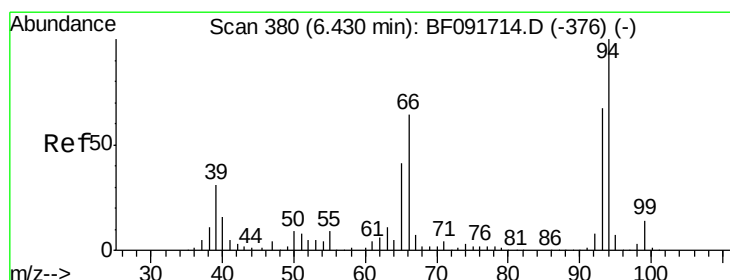
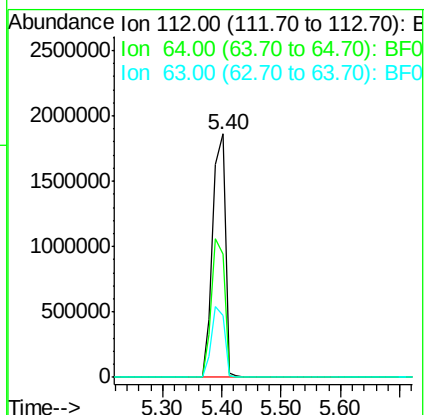
Tot Ion:112 Resp: 2747540

Ion Ratio Lower Upper

112 100

64 50.8 46.1 69.1

63 25.6 23.8 35.6



#6

Aniline

Concen: 7.49 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.01 min

Lab File: BF091743.D

Acq: 18 Dec 2016 18:24

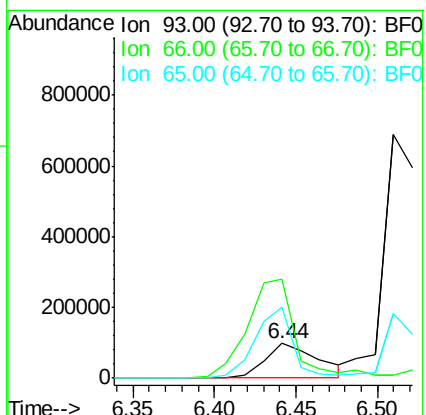
Tgt Ion: 93 Resp: 218603

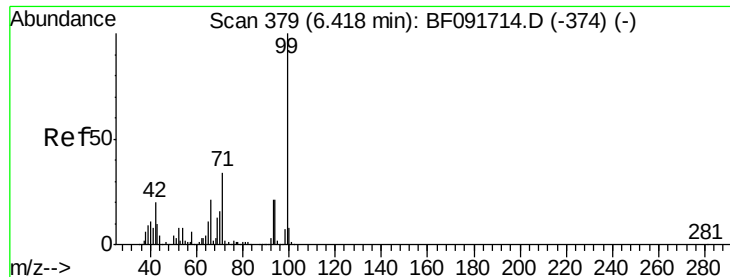
Ion Ratio Lower Upper

93 100

66 281.9 76.2 114.2#

65 201.9 49.3 73.9#





#7

Phenol-d6

Concen: 129.20 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.01 min

Lab File: BF091743.D

Acq: 18 Dec 2016 18:24

Instrument :

BNA_F

ClientSampleId :

TP20-COMP6MS

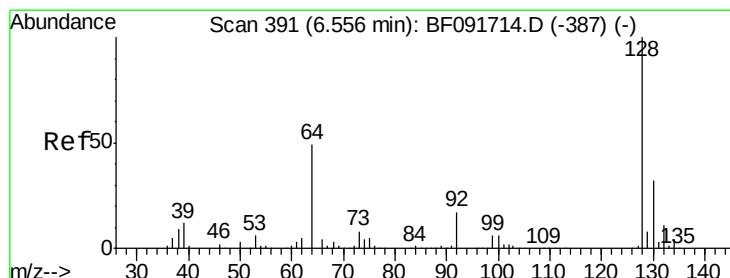
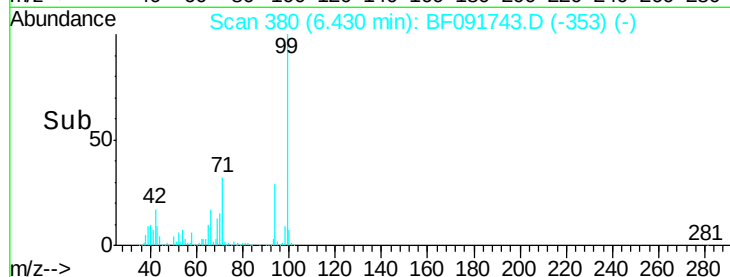
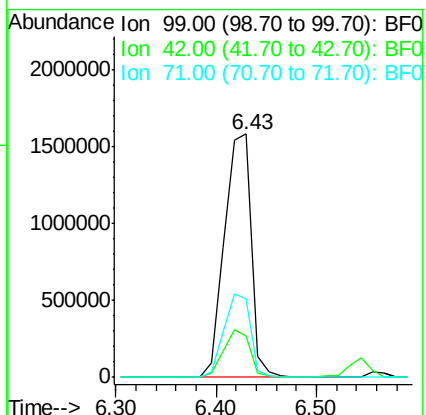
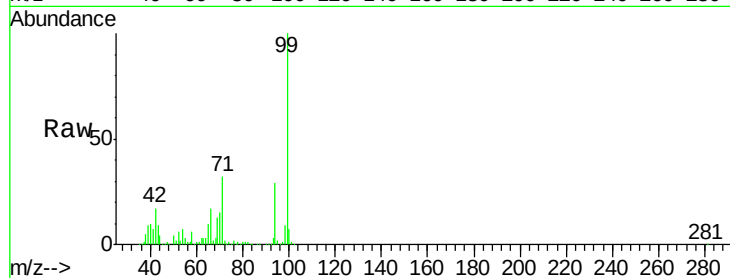
Tot Ion: 99 Resp: 2929568

Ion Ratio Lower Upper

99 100

42 16.9 15.6 23.4

71 32.4 27.5 41.3



#8

2-Chlorophenol

Concen: 42.53 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.01 min

Lab File: BF091743.D

Acq: 18 Dec 2016 18:24

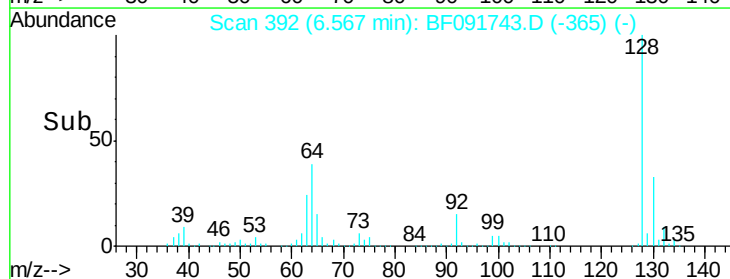
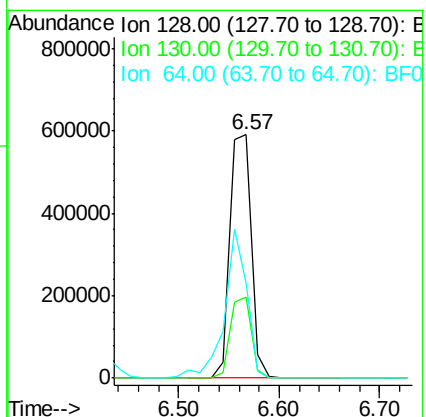
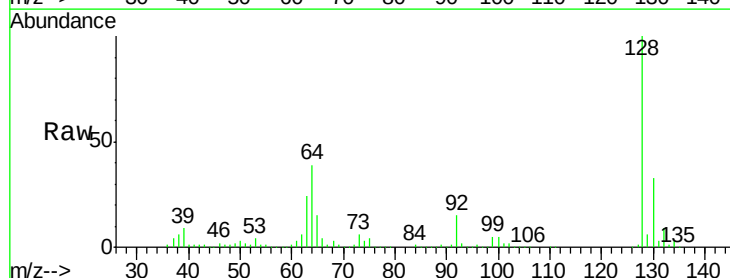
Tgt Ion: 128 Resp: 870483

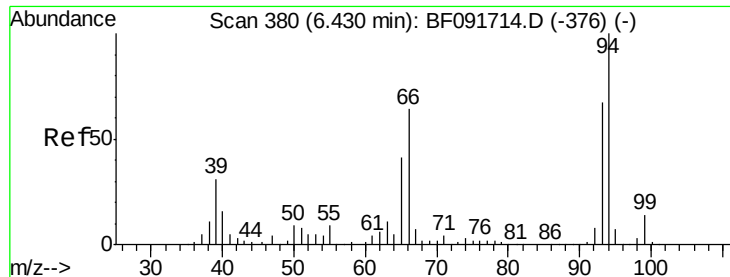
Ion Ratio Lower Upper

128 100

130 33.3 12.3 52.3

64 39.2 32.2 72.2





#10

Phenol

Concen: 39.43 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.01 min

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Acq: 18 Dec 2016 18:24

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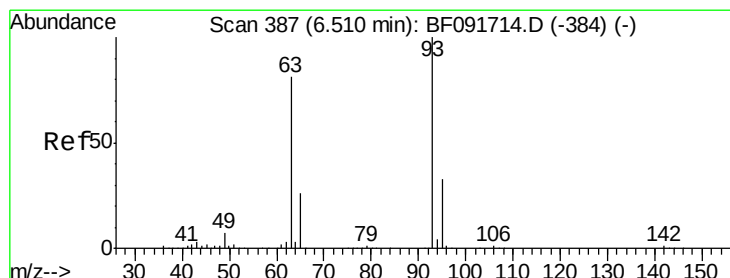
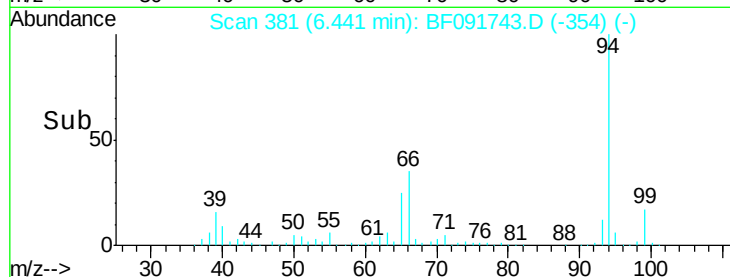
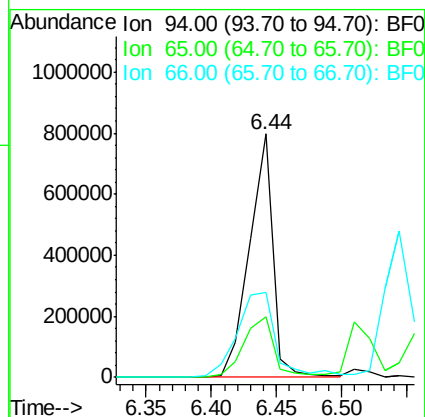
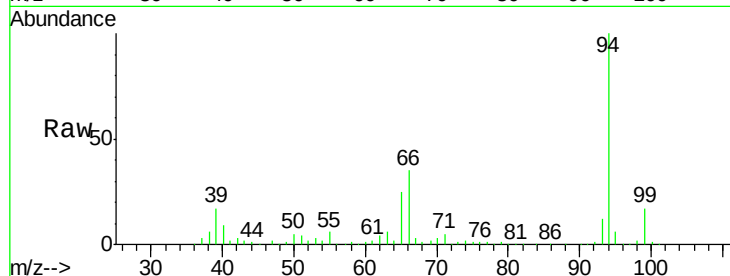
Tot Ion: 94 Resp: 1007638

Ion Ratio Lower Upper

94 100

65 25.0 21.4 61.4

66 34.9 44.0 84.0#



#11

bis(2-Chloroethyl)ether

Concen: 47.57 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF091743.D

Acq: 18 Dec 2016 18:24

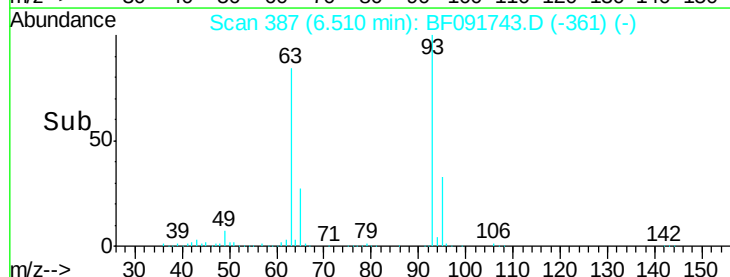
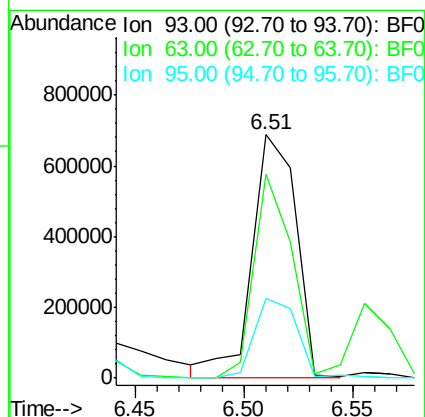
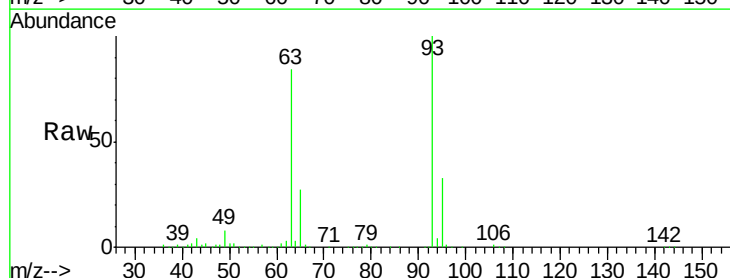
Tgt Ion: 93 Resp: 971021

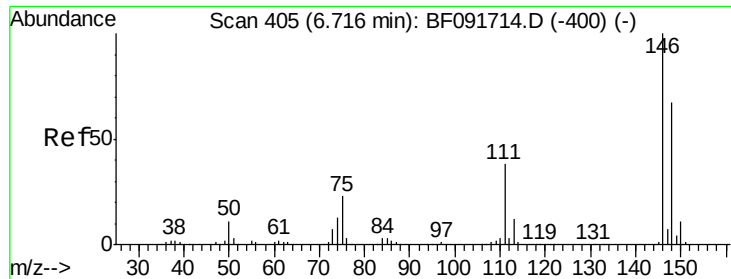
Ion Ratio Lower Upper

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63 83.6 60.4 100.4

95 32.8 12.8 52.8

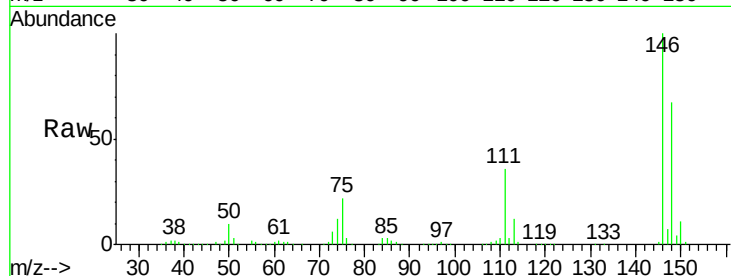




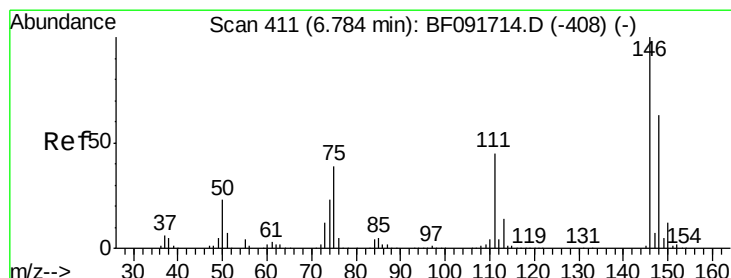
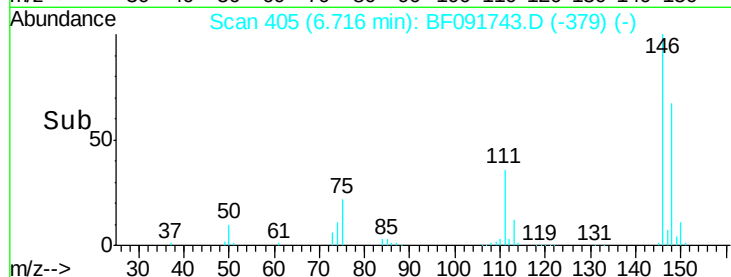
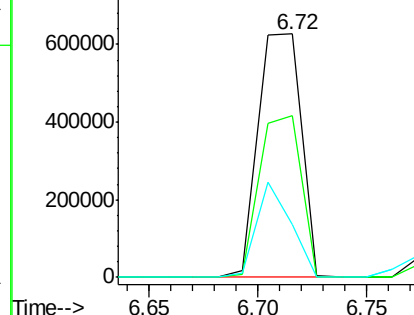
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 1,3-Dichlorobenzene
 Concen: 38.82 ng
 RT: 6.72 min Scan# 405
 Delta R.T. 0.00 min
 Lab File: BF091743.D
 Acq: 18 Dec 2016 18:24

Instrument :
 BNA_F
 ClientSampleId :
 TP20-COMP6MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.6	53.4	80.0
75	21.9	18.5	27.7

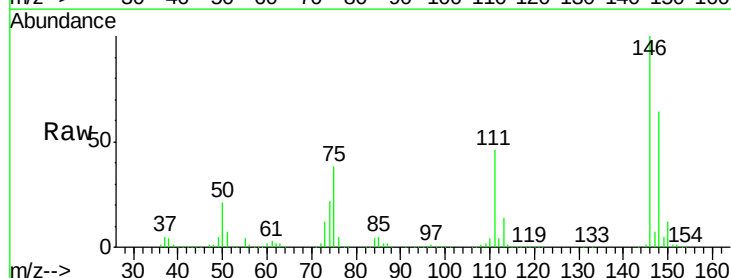


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

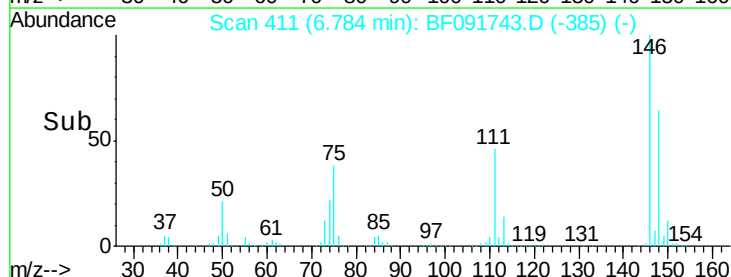
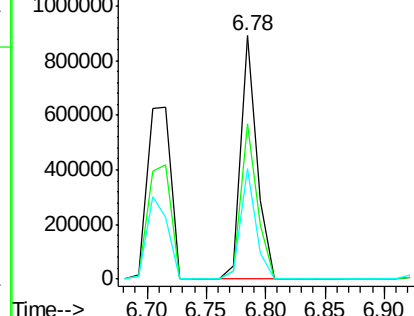


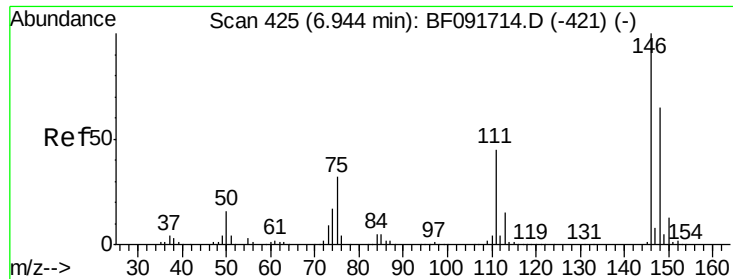
#13
 1,4-Dichlorobenzene
 Concen: 37.13 ng
 RT: 6.78 min Scan# 411
 Delta R.T. 0.00 min
 Lab File: BF091743.D
 Acq: 18 Dec 2016 18:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.6	76.0
111	45.6	36.2	54.4



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

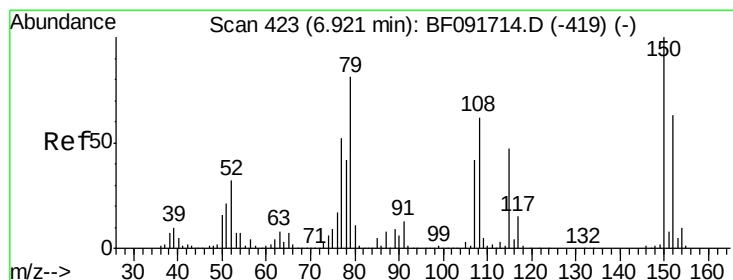
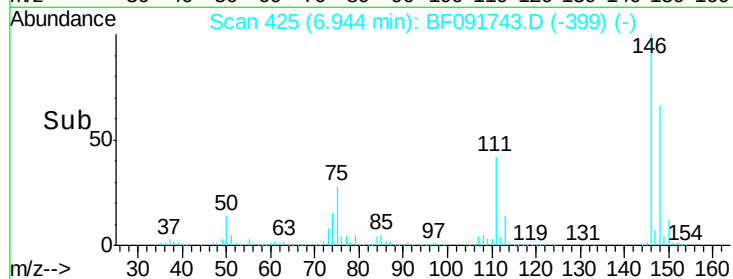
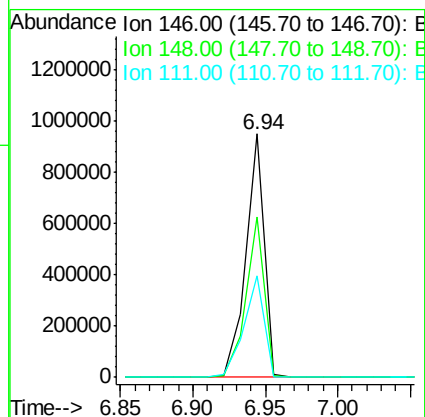
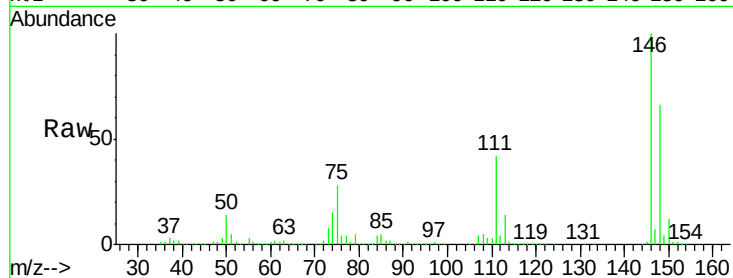




#14
 1,2-Dichlorobenzene
 Concen: 41.72 ng
 RT: 6.94 min Scan# 425
 Delta R.T. 0.00 min
 Lab File: BF091743.D
 Acq: 18 Dec 2016 18:24

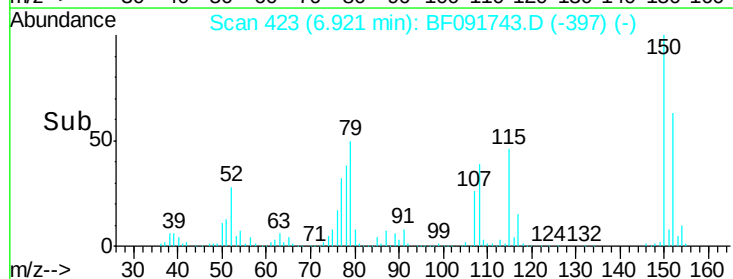
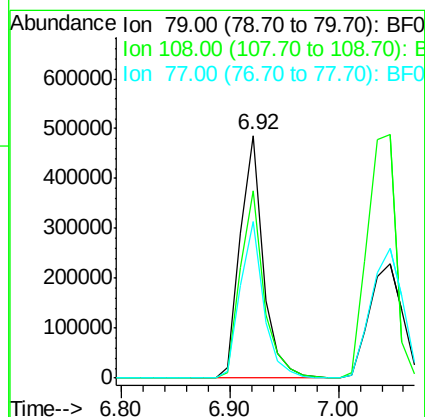
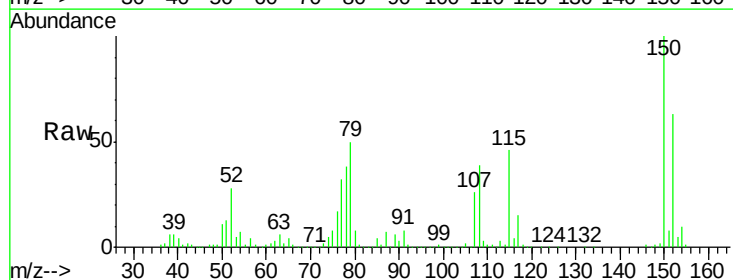
Instrument :
 BNA_F
 ClientSampleId :
 TP20-COMP6MS

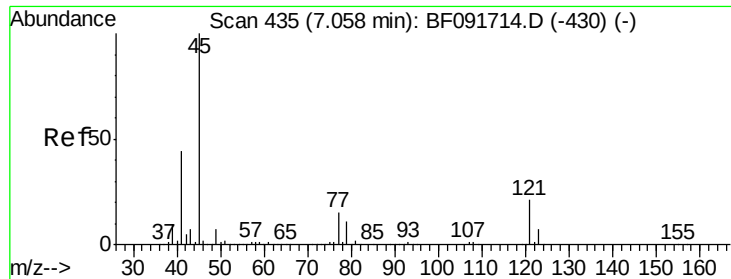
Tot Ion:146 Resp: 830999
 Ion Ratio Lower Upper
 146 100
 148 65.6 52.2 78.2
 111 41.9 36.2 54.2



#15
 Benzyl Alcohol
 Concen: 40.47 ng
 RT: 6.92 min Scan# 423
 Delta R.T. 0.00 min
 Lab File: BF091743.D
 Acq: 18 Dec 2016 18:24

Tgt Ion: 79 Resp: 710528
 Ion Ratio Lower Upper
 79 100
 108 77.4 61.4 92.0
 77 64.5 50.9 76.3

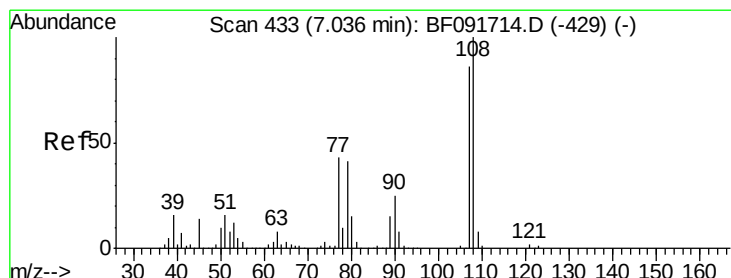
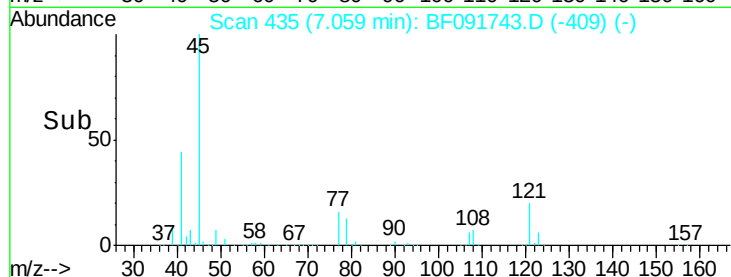
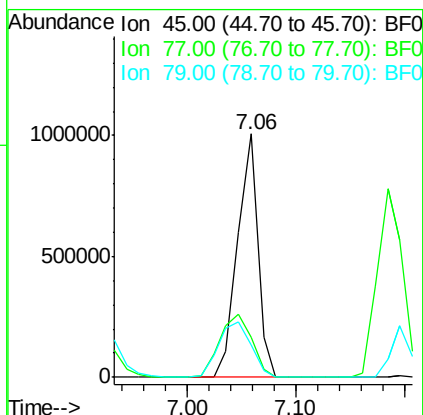
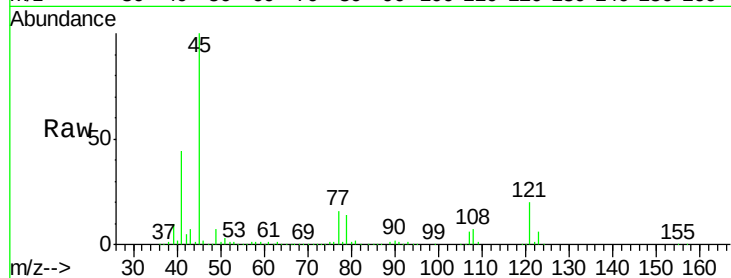




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 41.44 ng
RT: 7.06 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF091743.D
Acq: 18 Dec 2016 18:24

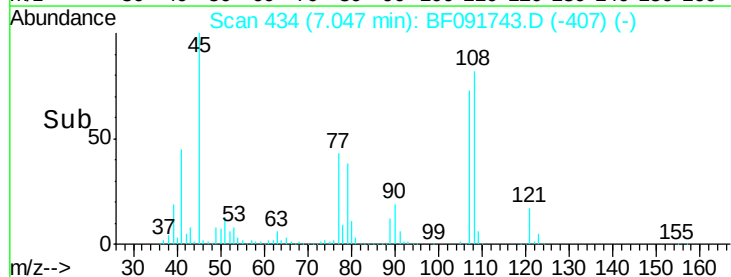
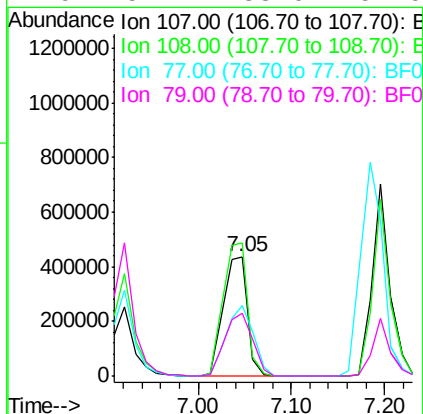
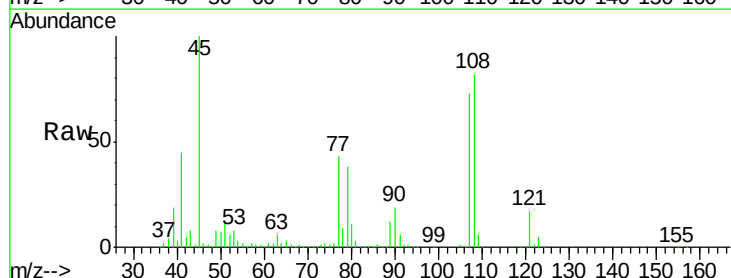
Instrument :
BNA_F
ClientSampleId :
TP20-COMP6MS

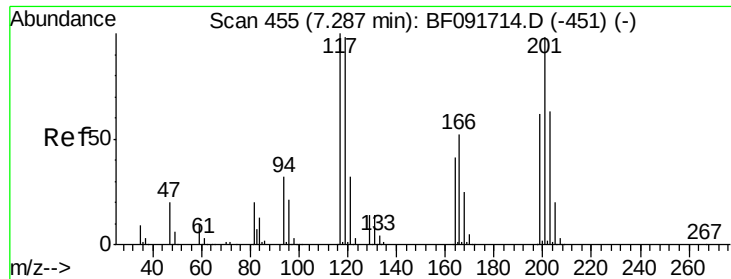
Tot Ion: 45 Resp: 1292707
Ion Ratio Lower Upper
45 100
77 16.3 0.0 34.6
79 13.5 0.0 31.2



#17
2-Methylphenol
Concen: 45.89 ng
RT: 7.05 min Scan# 434
Delta R.T. 0.01 min
Lab File: BF091743.D
Acq: 18 Dec 2016 18:24

Tgt Ion: 107 Resp: 784756
Ion Ratio Lower Upper
107 100
108 111.9 93.0 139.6
77 59.3 39.8 59.8
79 52.7 38.0 57.0

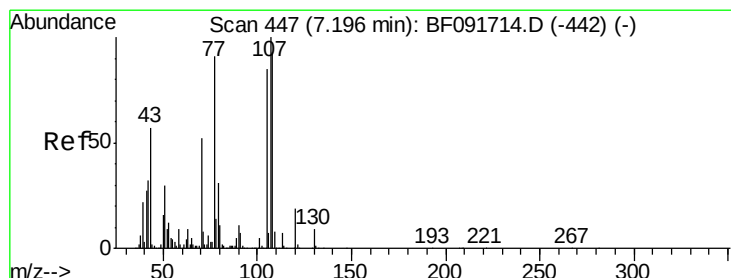
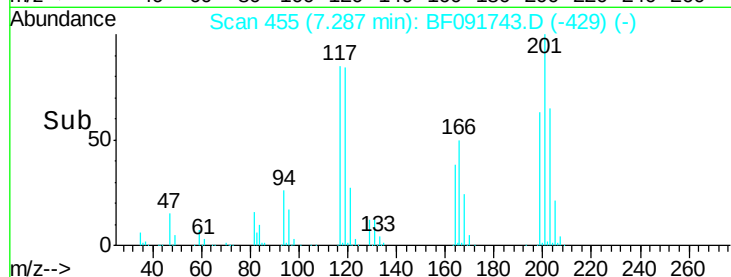
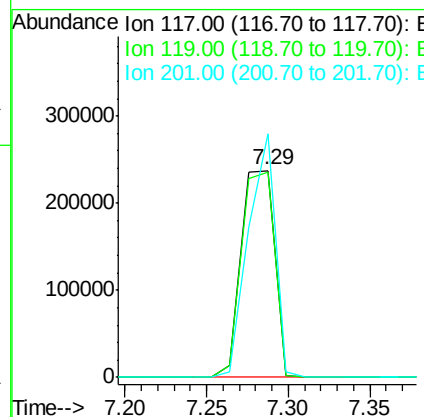
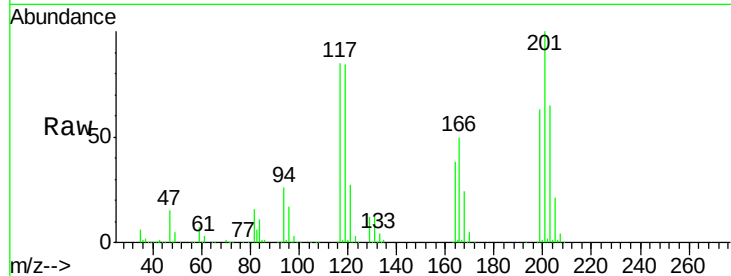




#18
Hexachloroethane
Concen: 39.74 ng
RT: 7.29 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF091743.D
Acq: 18 Dec 2016 18:24

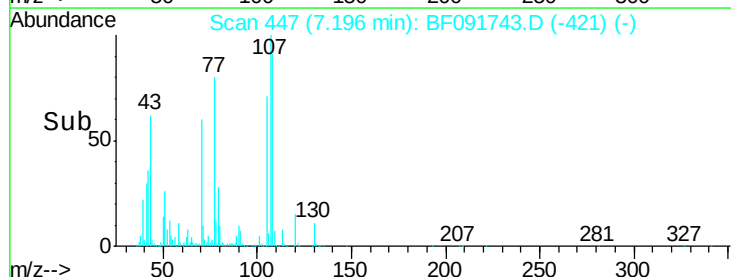
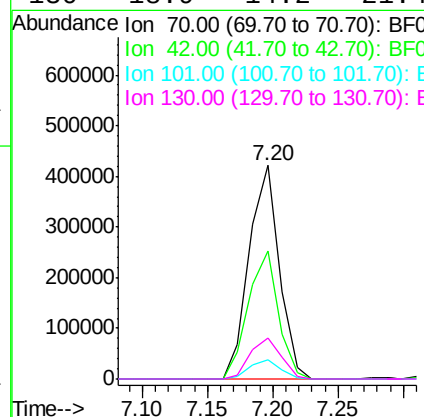
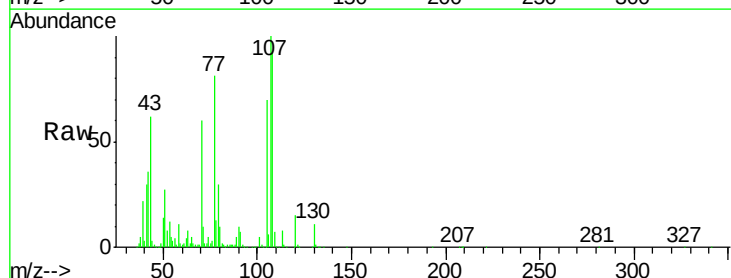
Instrument :
BNA_F
ClientSampleId :
TP20-COMP6MS

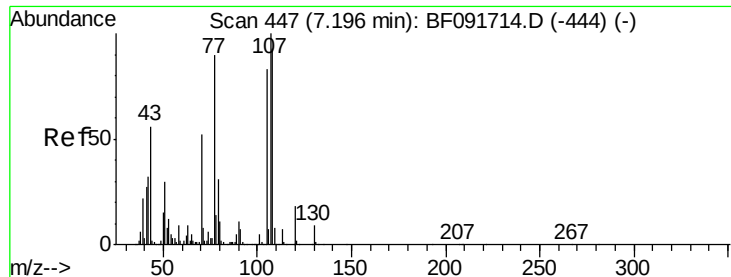
Tot Ion:117 Resp: 335745
Ion Ratio Lower Upper
117 100
119 99.3 78.1 117.1
201 117.8 78.6 117.8



#19
n-Nitroso-di-n-propylamine
Concen: 45.11 ng
RT: 7.20 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF091743.D
Acq: 18 Dec 2016 18:24

Tgt Ion: 70 Resp: 680408
Ion Ratio Lower Upper
70 100
42 60.1 49.4 74.0
101 9.0 7.4 11.2
130 18.9 14.2 21.4





#20

3+4-Methylphenols

Concen: 49.07 ng

RT: 7.20 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF091743.D

Acq: 18 Dec 2016 18:24

Instrument :

BNA_F

ClientSampleId :

TP20-COMP6MS

Tot Ion:107 Resp: 936081

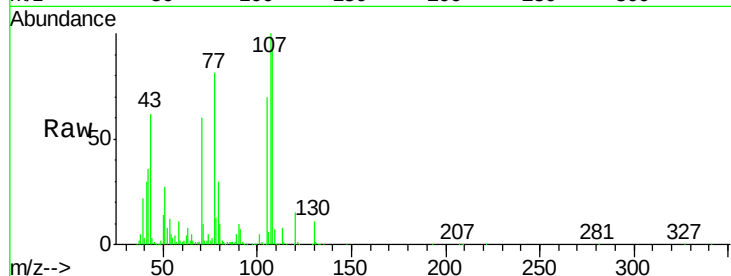
Ion Ratio Lower Upper

107 100

108 91.7 73.0 113.0

77 81.0 71.3 111.3

79 30.2 11.1 51.1



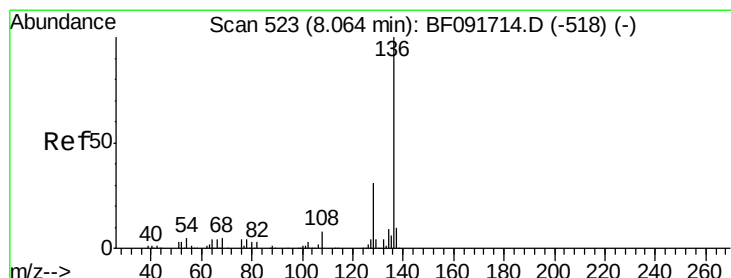
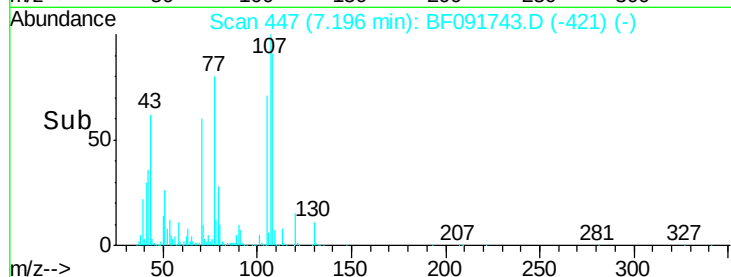
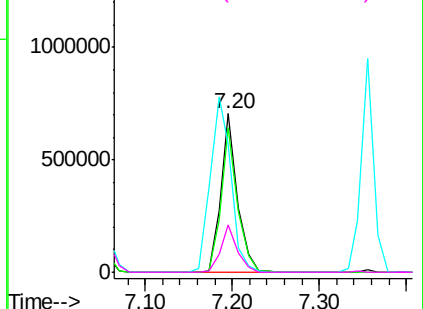
Abundance

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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF091743.D

Acq: 18 Dec 2016 18:24

Tgt Ion:136 Resp: 1269227

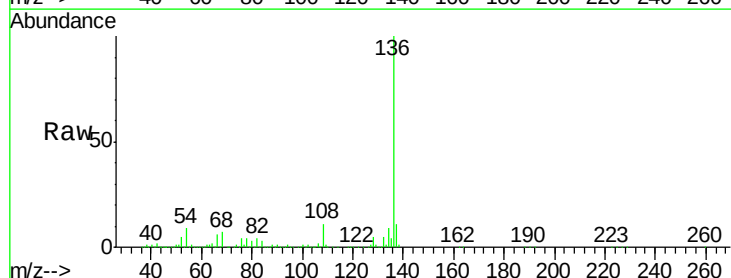
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 8.7 4.5 6.7#

68 6.8 3.6 5.4#



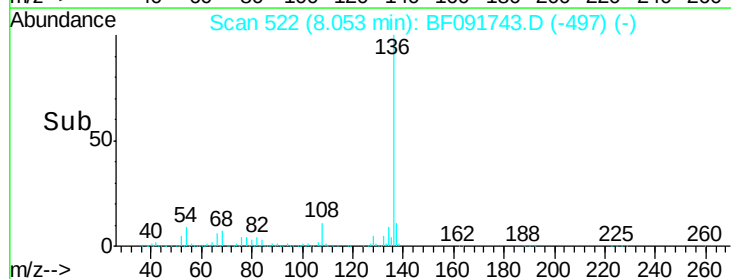
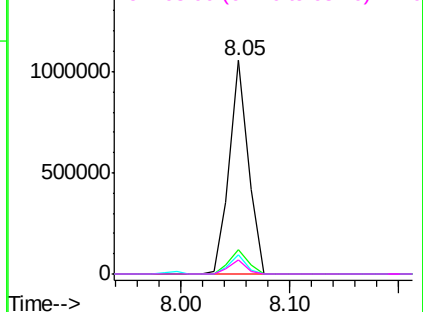
Abundance

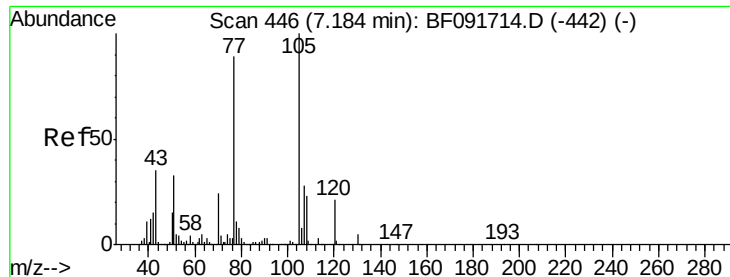
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#22

Acetophenone

Concen: 43.01 ng

RT: 7.18 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF091743.D

Acq: 18 Dec 2016 18:24

Instrument :

BNA_F

ClientSampleId :

TP20-COMP6MS

Tot Ion:105 Resp: 1318128

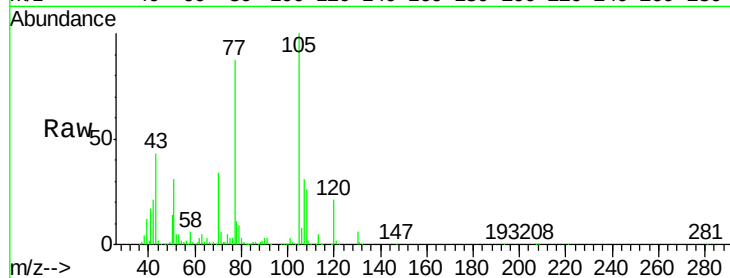
Ion Ratio Lower Upper

105 100

71 5.6 3.2 4.8#

51 31.2 26.2 39.4

120 21.4 16.6 24.8

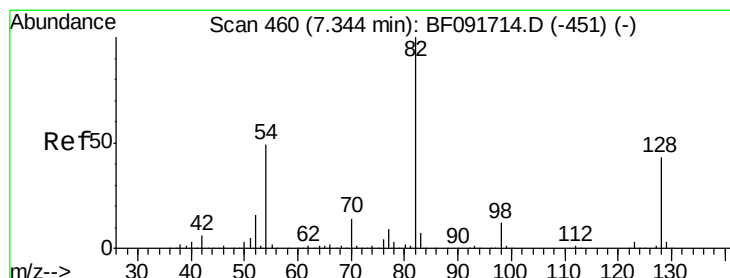
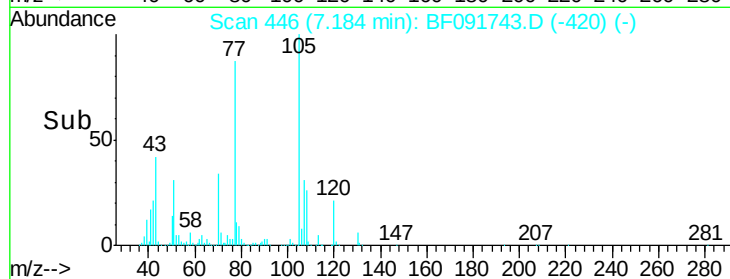
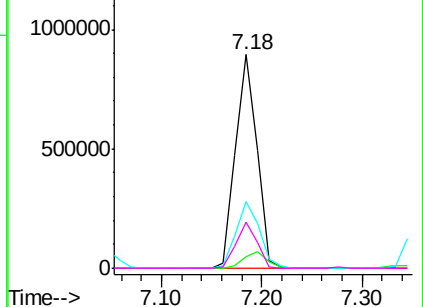


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 95.80 ng

RT: 7.34 min Scan# 460

Delta R.T. 0.00 min

Lab File: BF091743.D

Acq: 18 Dec 2016 18:24

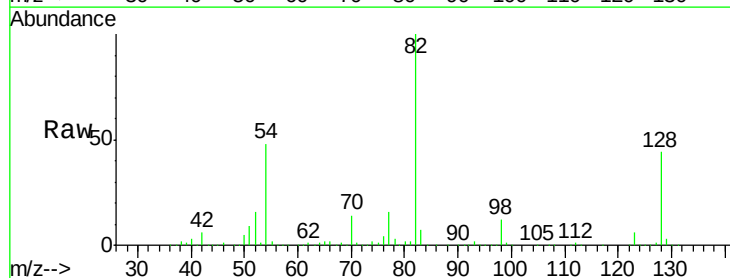
Tgt Ion: 82 Resp: 2108492

Ion Ratio Lower Upper

82 100

128 44.2 34.6 52.0

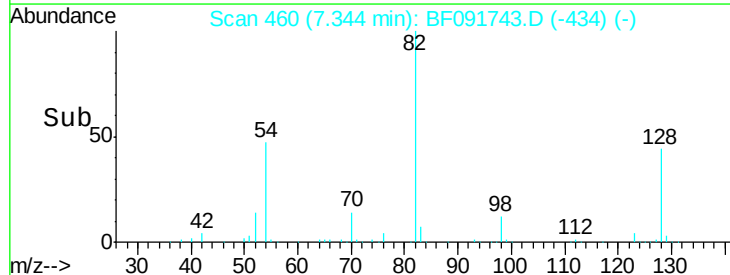
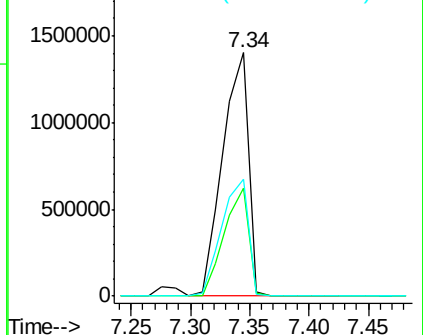
54 48.2 39.5 59.3

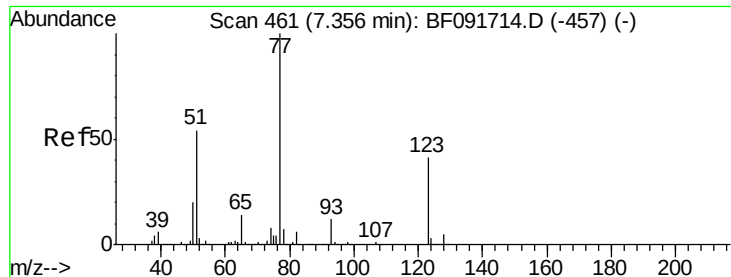


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

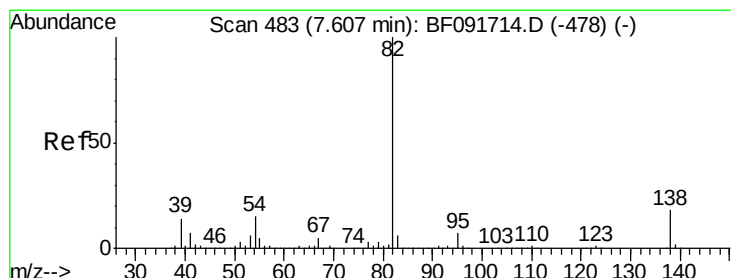
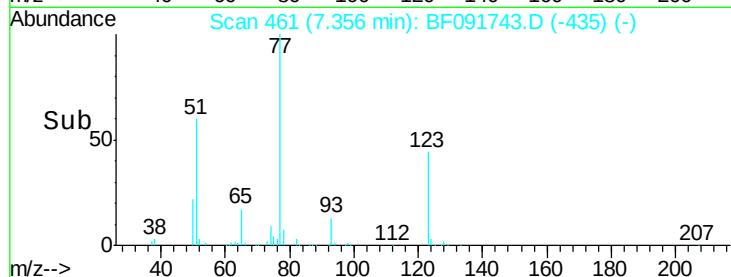
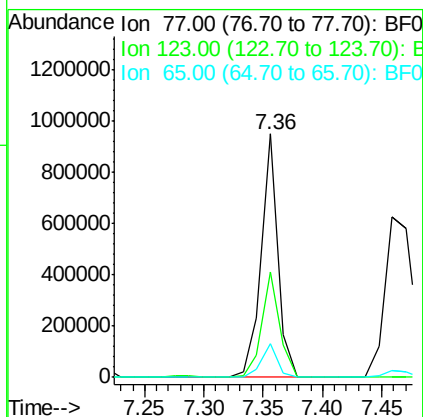
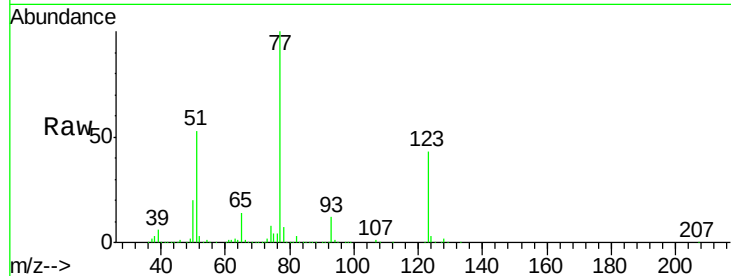




#24
Nitrobenzene
Concen: 39.62 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.00 min
Lab File: BF091743.D
Acq: 18 Dec 2016 18:24

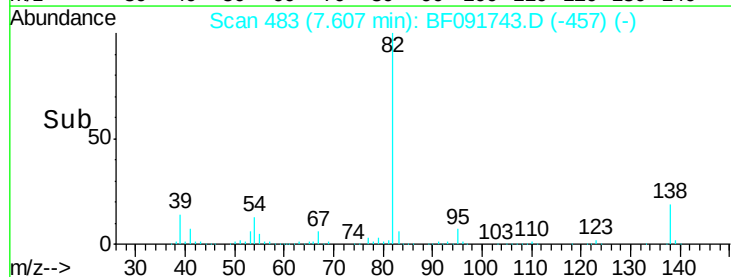
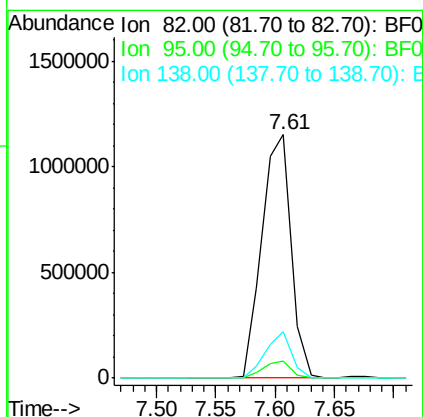
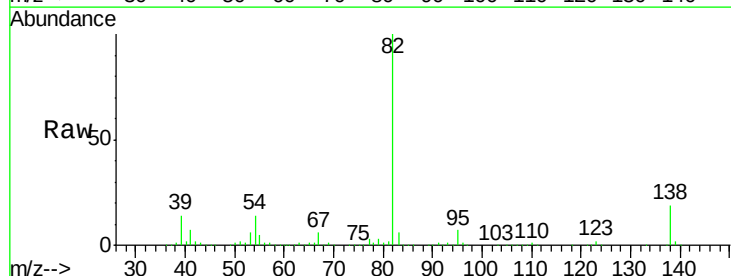
Instrument :
BNA_F
ClientSampleId :
TP20-COMP6MS

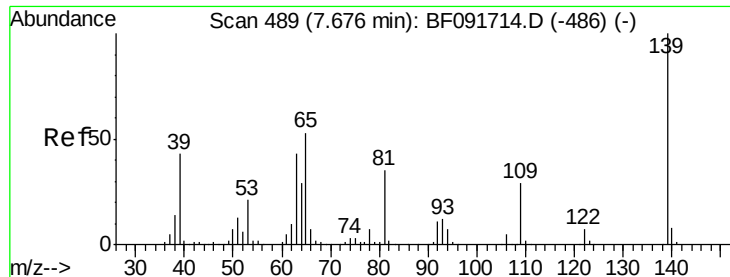
Tot Ion	Ratio	Lower	Upper
77	100		
123	43.1	33.0	49.4
65	14.1	11.2	16.8



#25
Isophorone
Concen: 47.41 ng
RT: 7.61 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF091743.D
Acq: 18 Dec 2016 18:24

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.6	8.4
138	18.9	14.6	22.0

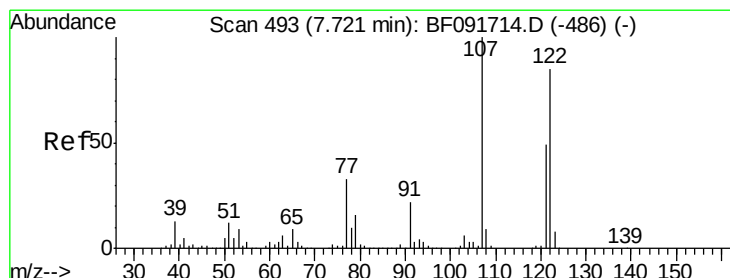
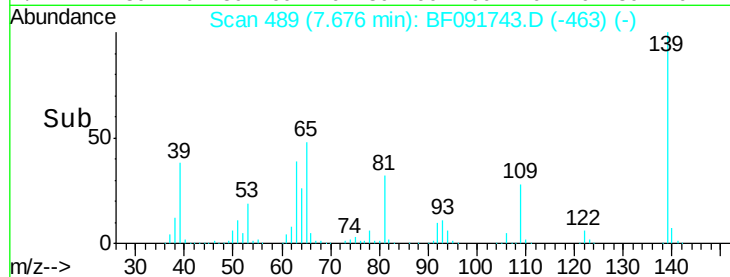
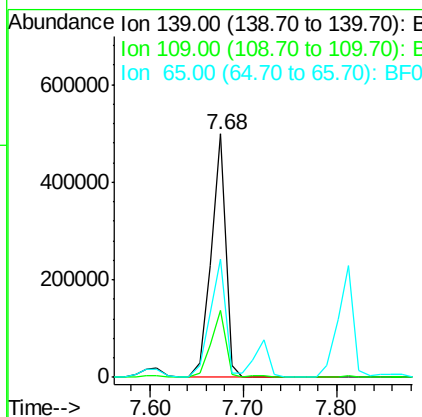
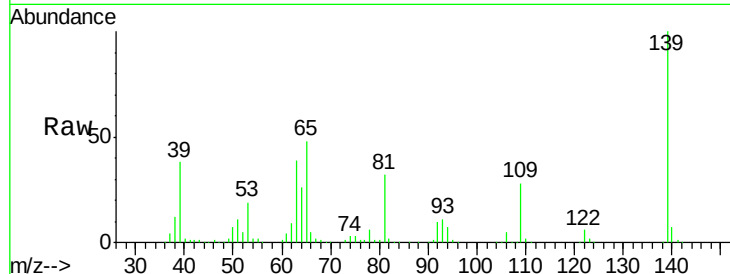




#26
2-Nitrophenol
Concen: 47.44 ng
RT: 7.68 min Scan# 489
Delta R.T. 0.00 min
Lab File: BF091743.D
Acq: 18 Dec 2016 18:24

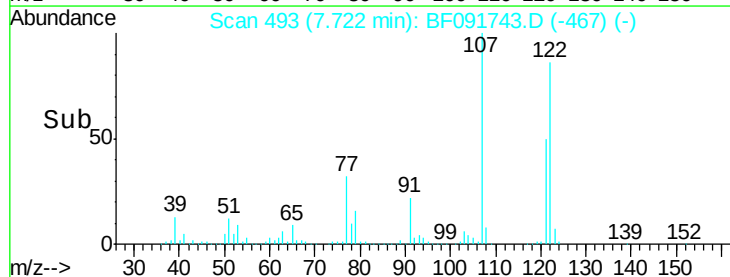
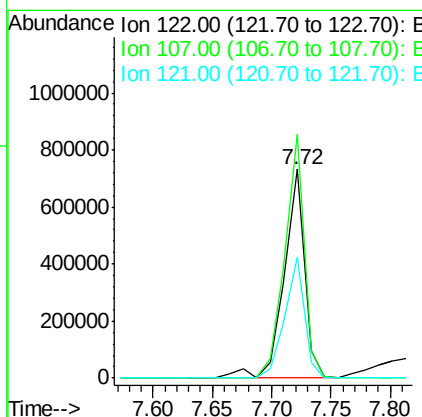
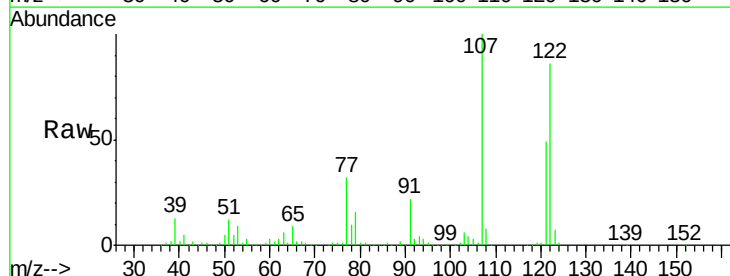
Instrument :
BNA_F
ClientSampleId :
TP20-COMP6MS

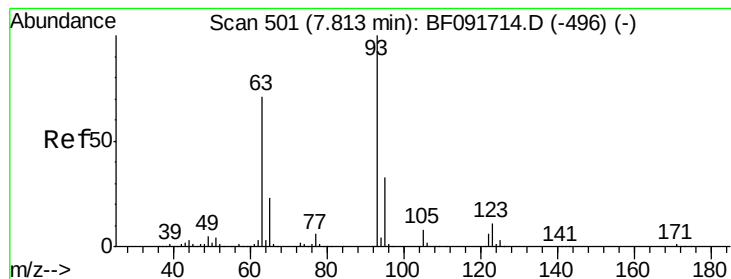
Tot Ion	Ratio	Lower	Upper
139	100		
109	27.7	23.3	34.9
65	48.4	42.7	64.1



#27
2,4-Dimethylphenol
Concen: 46.87 ng
RT: 7.72 min Scan# 493
Delta R.T. 0.00 min
Lab File: BF091743.D
Acq: 18 Dec 2016 18:24

Tgt Ion	Ratio	Lower	Upper
122	100		
107	116.7	94.1	141.1
121	57.7	46.0	69.0





#28

bis(2-Chloroethoxy)methane

Concen: 49.14 ng

RT: 7.81 min Scan# 501

Delta R.T. 0.00 min

Lab File: BF091743.D

Acq: 18 Dec 2016 18:24

Instrument :

BNA_F

ClientSampleId :

TP20-COMP6MS

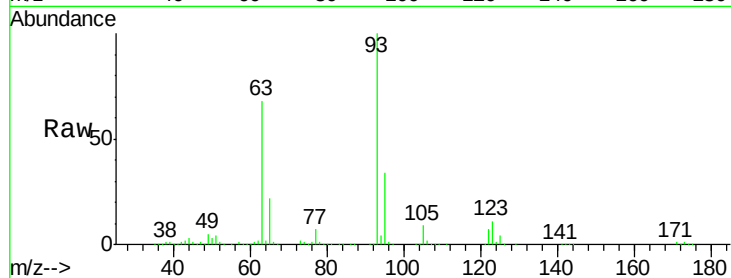
Tot Ion: 93 Resp: 1207432

Ion Ratio Lower Upper

93 100

95 33.7 26.5 39.7

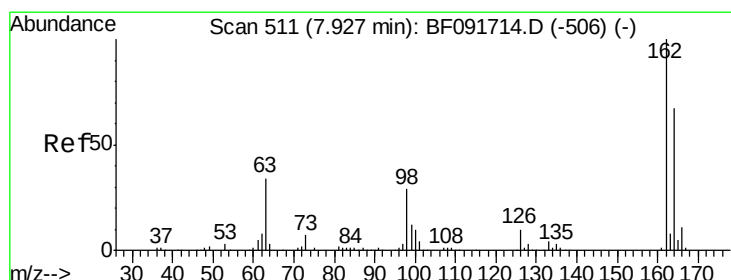
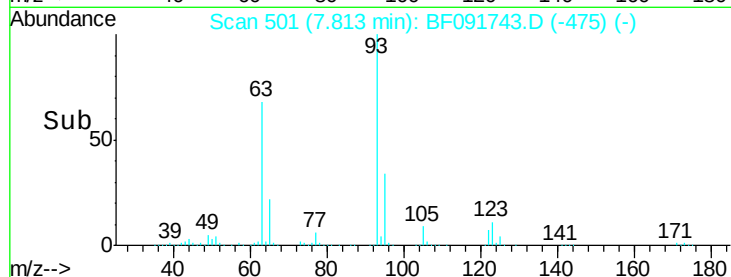
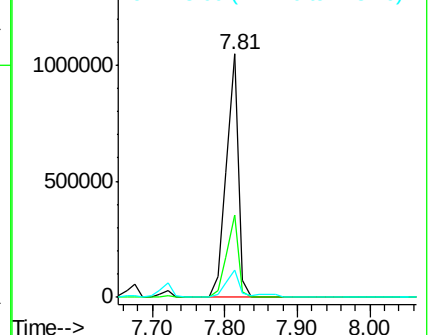
123 11.2 8.6 13.0



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): BF0



#29

2,4-Dichlorophenol

Concen: 45.73 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF091743.D

Acq: 18 Dec 2016 18:24

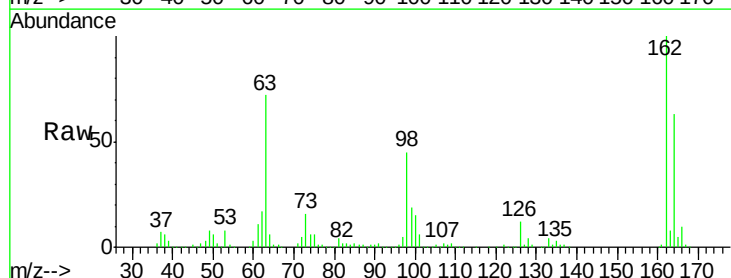
Tgt Ion:162 Resp: 784381

Ion Ratio Lower Upper

162 100

164 63.4 46.8 86.8

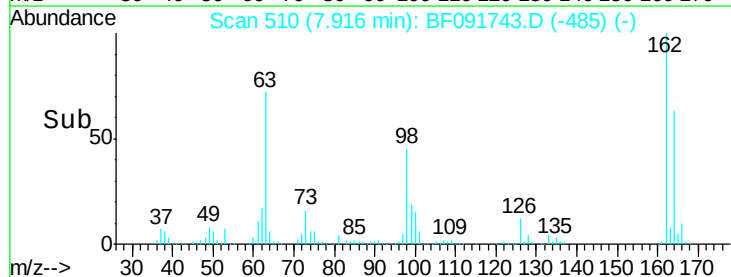
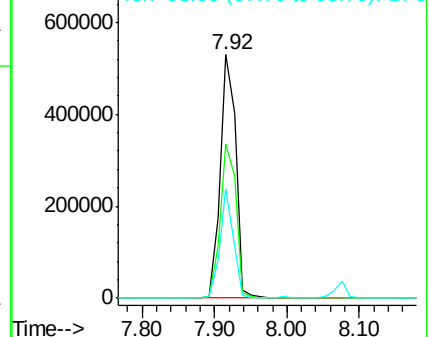
98 44.8 9.1 49.1

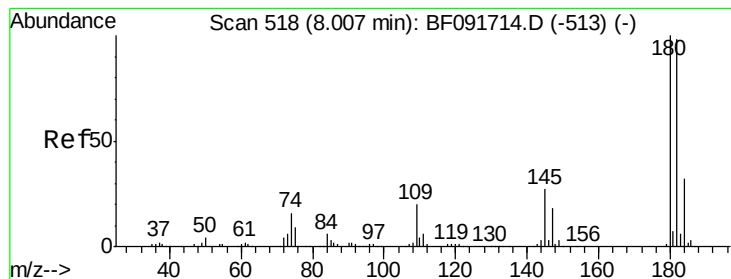


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0





#30

1,2,4-Trichlorobenzene

Concen: 41.77 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF091743.D

Acq: 18 Dec 2016 18:24

Instrument :

BNA_F

ClientSampleId :

TP20-COMP6MS

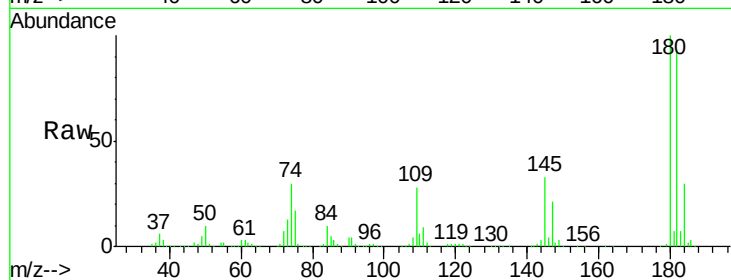
Tot Ion:180 Resp: 776616

Ion Ratio Lower Upper

180 100

182 93.5 78.2 117.4

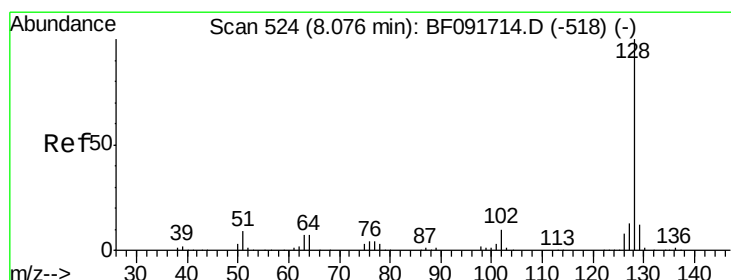
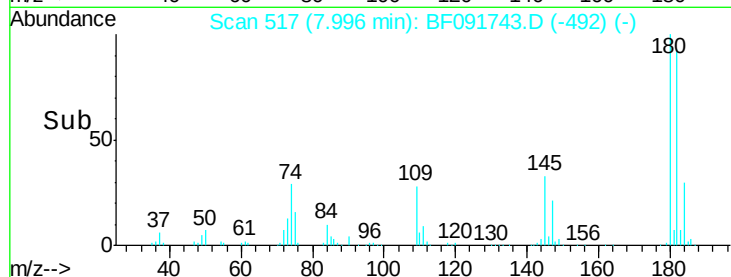
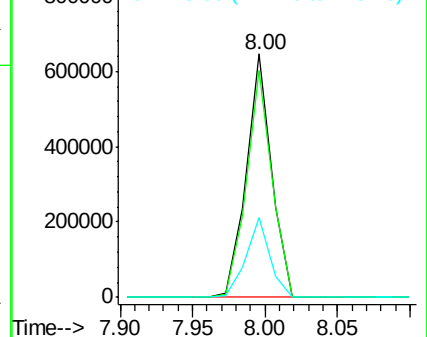
145 32.8 21.6 32.4#



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: 41.12 ng

RT: 8.08 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF091743.D

Acq: 18 Dec 2016 18:24

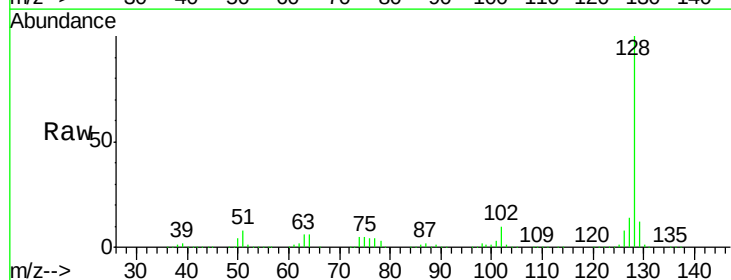
Tgt Ion:128 Resp: 2493652

Ion Ratio Lower Upper

128 100

129 11.9 9.5 14.3

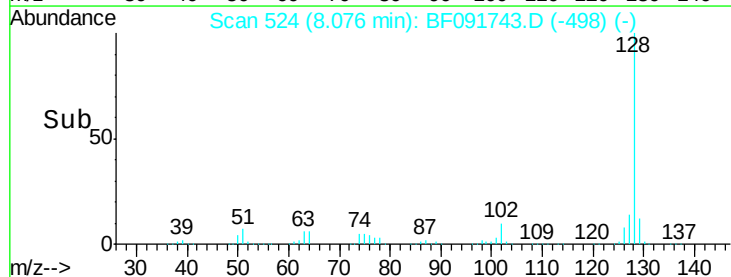
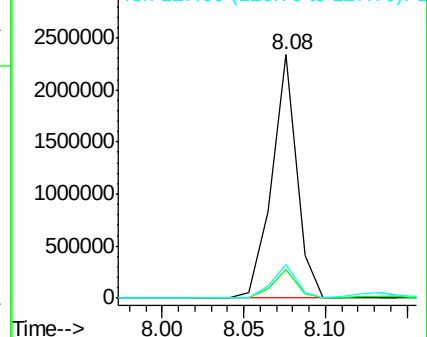
127 13.8 10.8 16.2

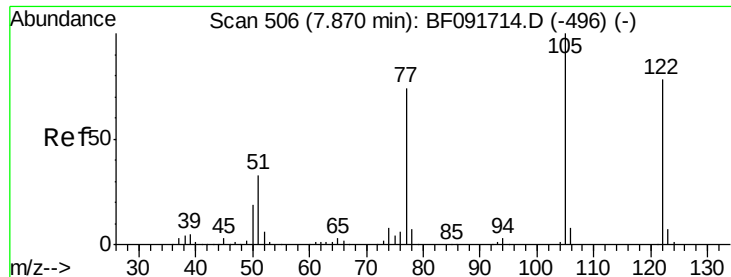


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 46.40 ng

RT: 7.87 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF091743.D

Acq: 18 Dec 2016 18:24

Instrument :

BNA_F

ClientSampleId :

TP20-COMP6MS

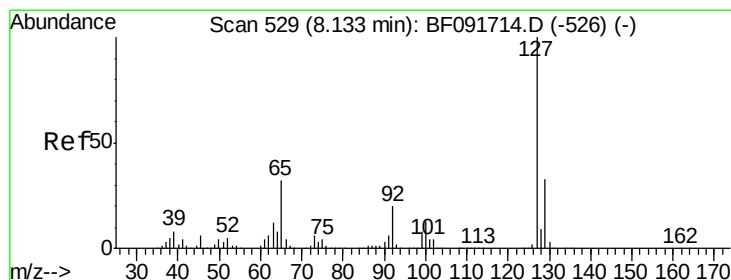
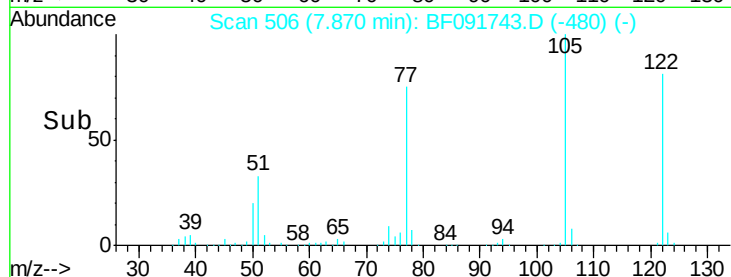
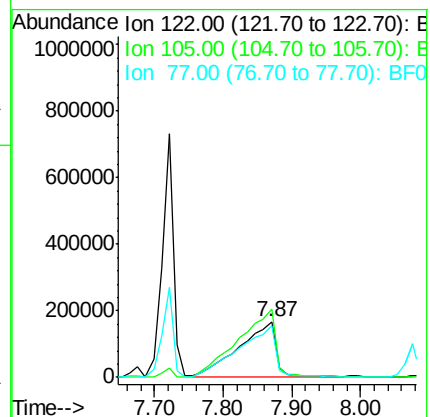
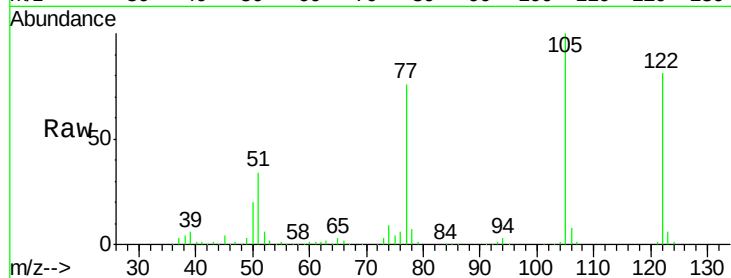
Tot Ion:122 Resp: 615003

Ion Ratio Lower Upper

122 100

105 122.9 107.2 147.2

77 93.2 74.5 114.5



#33

4-Chloroaniline

Concen: 4.97 ng

RT: 8.13 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF091743.D

Acq: 18 Dec 2016 18:24

Tgt Ion:127 Resp: 127019

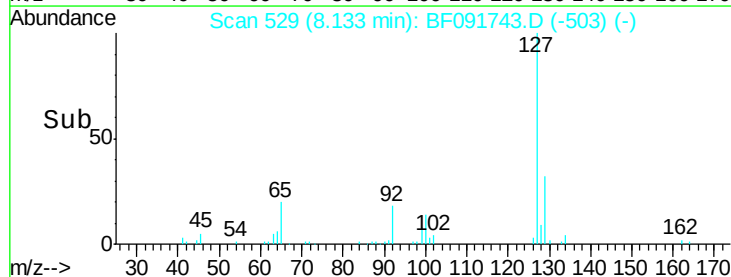
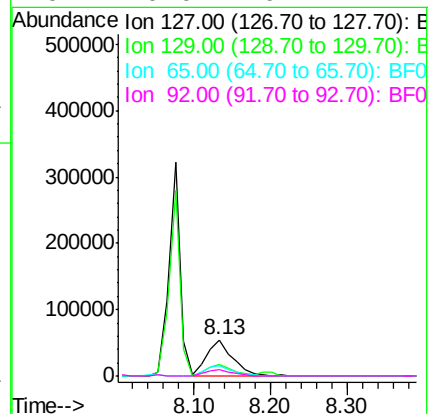
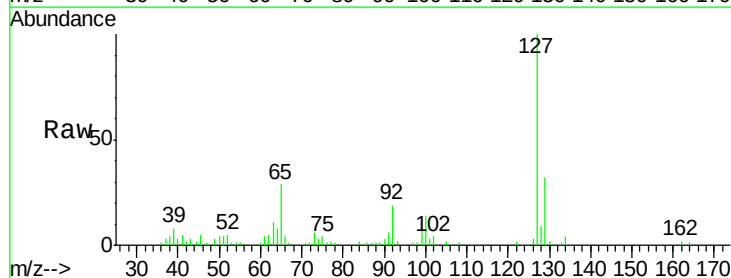
Ion Ratio Lower Upper

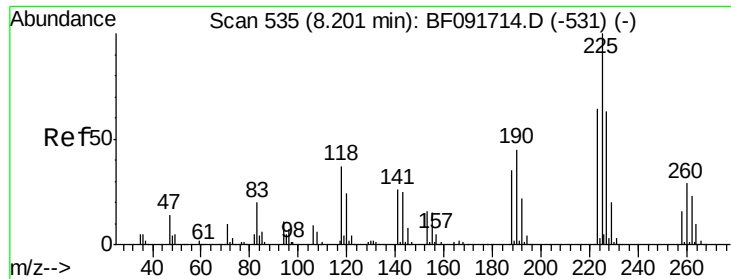
127 100

129 32.4 26.3 39.5

65 28.6 25.8 38.8

92 19.0 16.1 24.1





#34

Hexachlorobutadiene

Concen: 42.34 ng

RT: 8.20 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF091743.D

Acq: 18 Dec 2016 18:24

Instrument :

BNA_F

ClientSampleId :

TP20-COMP6MS

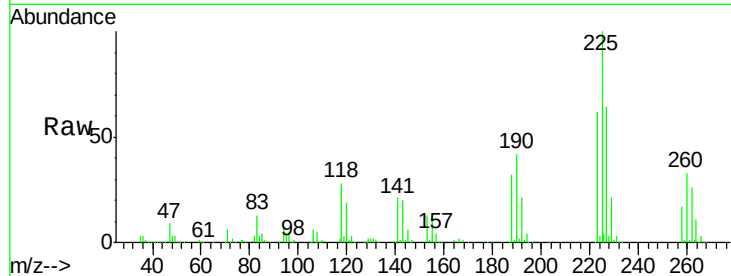
Tot Ion:225 Resp: 442533

Ion Ratio Lower Upper

225 100

223 62.4 51.0 76.6

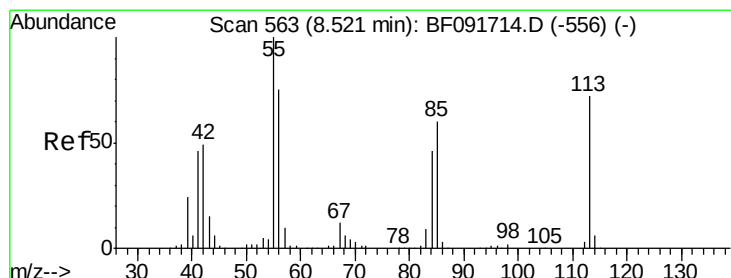
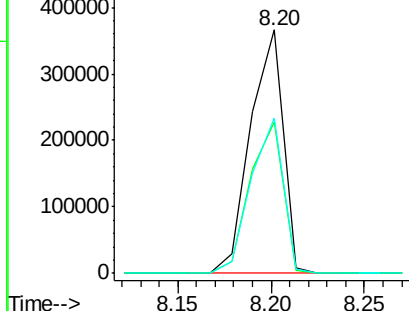
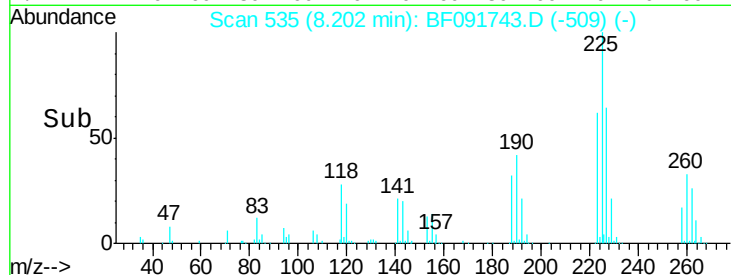
227 64.0 50.6 76.0



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 46.03 ng m

RT: 8.52 min Scan# 563

Delta R.T. 0.00 min

Lab File: BF091743.D

Acq: 18 Dec 2016 18:24

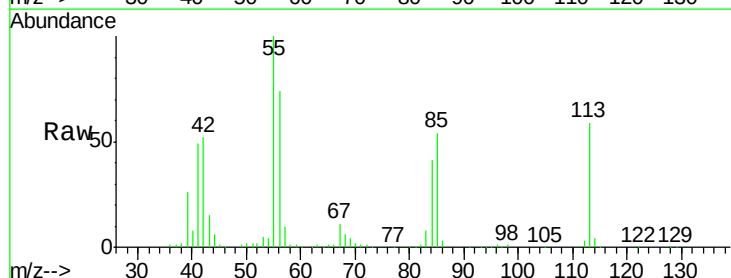
Tgt Ion:113 Resp: 254055

Ion Ratio Lower Upper

113 100

55 168.7 119.2 159.2#

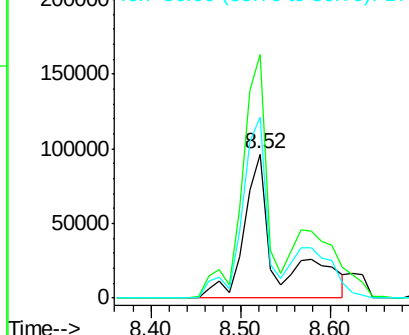
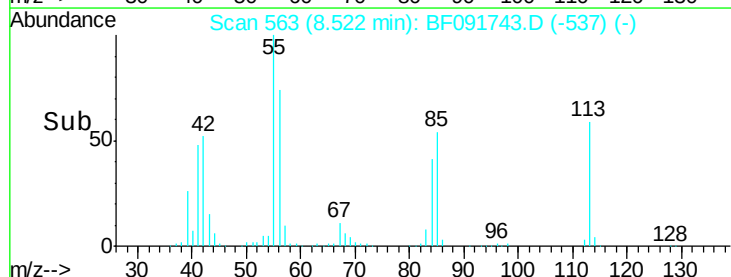
56 125.1 83.8 123.8#

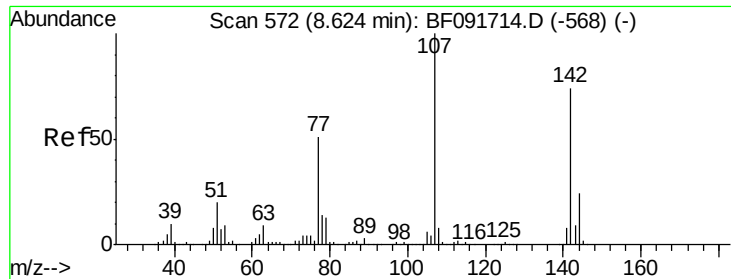


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

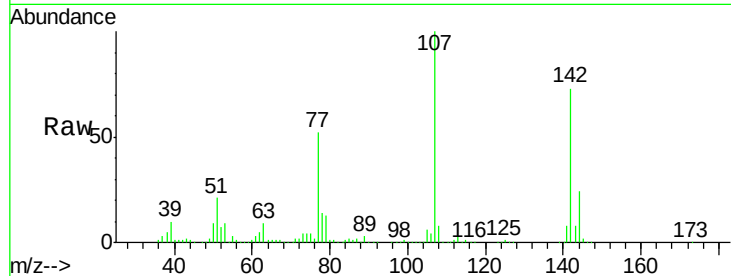




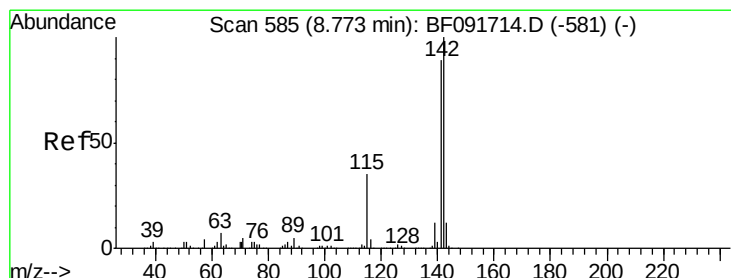
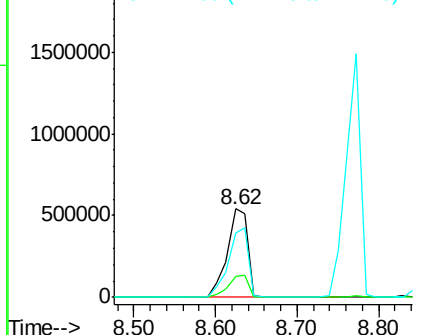
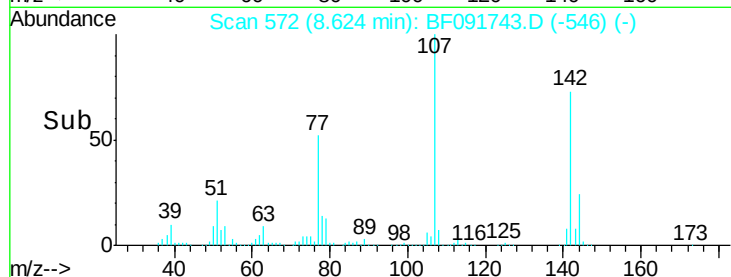
#36
4-Chloro-3-methylphenol
Concen: 49.94 ng
RT: 8.62 min Scan# 572
Delta R.T. 0.00 min
Lab File: BF091743.D
Acq: 18 Dec 2016 18:24

Instrument :
BNA_F
ClientSampleId :
TP20-COMP6MS

Tot Ion:107 Resp: 945036
Ion Ratio Lower Upper
107 100
144 23.9 19.3 28.9
142 73.4 59.0 88.6

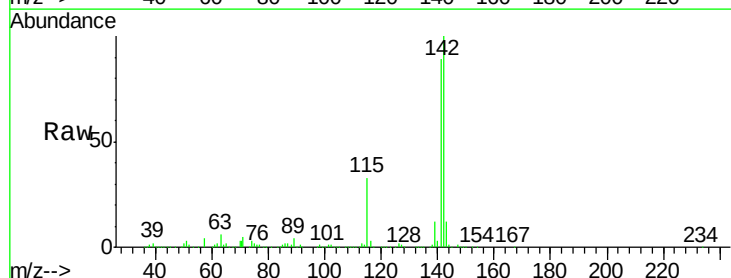


Abundance Ion 107.00 (106.70 to 107.70): E
2000000 Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

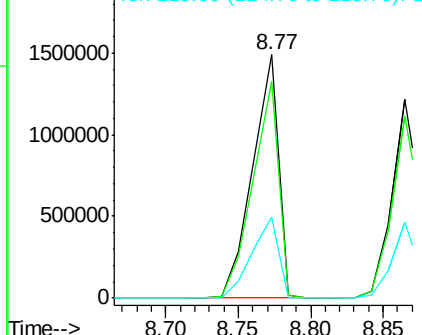
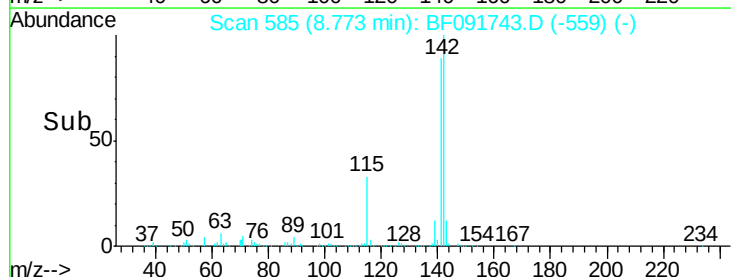


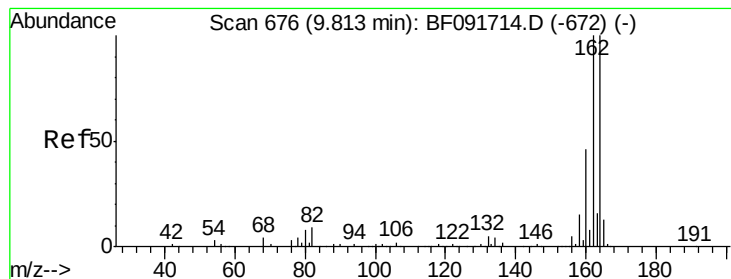
#37
2-Methylnaphthalene
Concen: 48.30 ng
RT: 8.77 min Scan# 585
Delta R.T. 0.00 min
Lab File: BF091743.D
Acq: 18 Dec 2016 18:24

Tgt Ion:142 Resp: 1846262
Ion Ratio Lower Upper
142 100
141 88.9 71.0 106.6
115 33.4 28.3 42.5



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.81 min Scan# 676

Delta R.T. 0.00 min

Lab File: BF091743.D

Acq: 18 Dec 2016 18:24

Instrument :

BNA_F

ClientSampleId :

TP20-COMP6MS

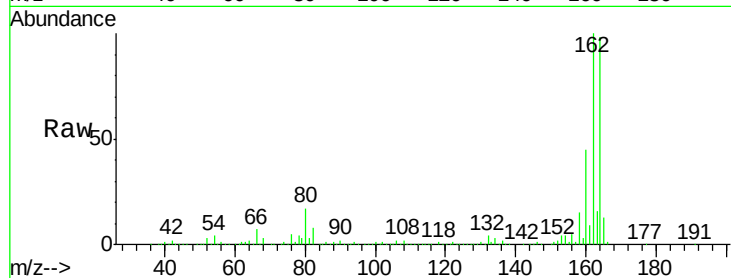
Tot Ion:164 Resp: 716769

Ion Ratio Lower Upper

164 100

162 101.6 80.2 120.2

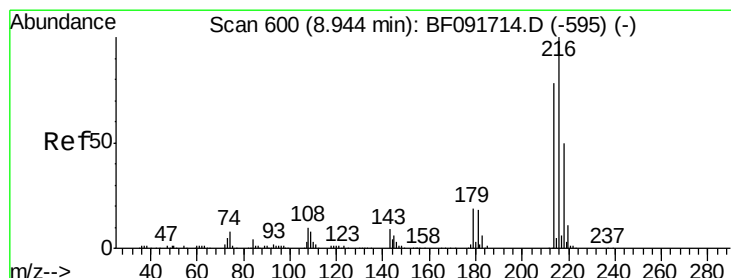
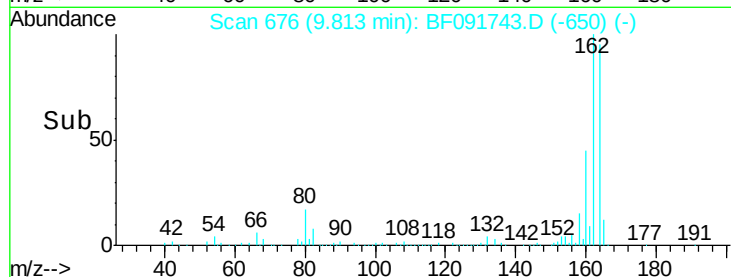
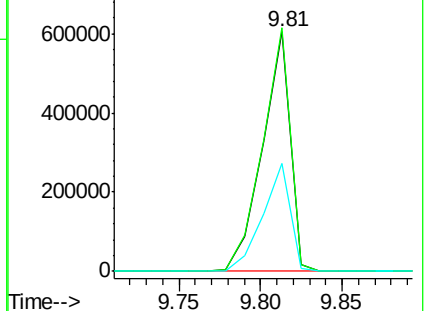
160 45.2 36.9 55.3



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: 39.77 ng

RT: 8.93 min Scan# 599

Delta R.T. -0.01 min

Lab File: BF091743.D

Acq: 18 Dec 2016 18:24

Tgt Ion:216 Resp: 710560

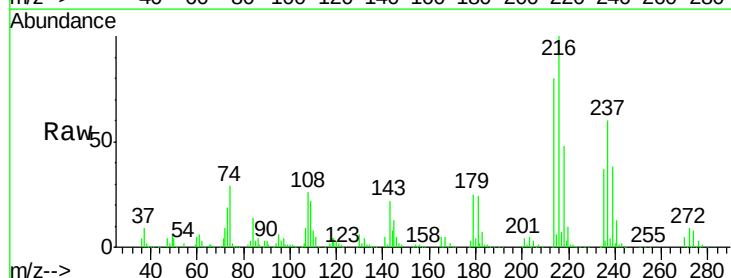
Ion Ratio Lower Upper

216 100

214 78.9 63.4 95.0

179 22.4 17.4 26.2

108 22.1 15.6 23.4

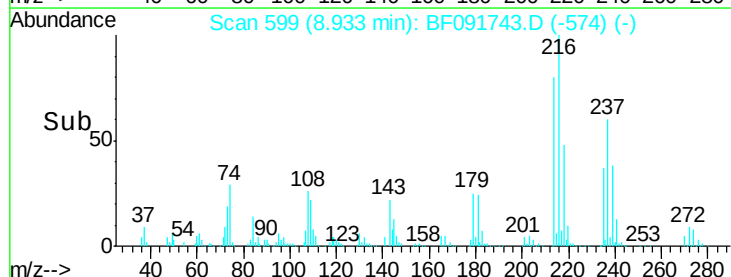
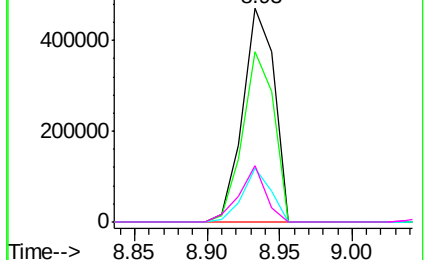


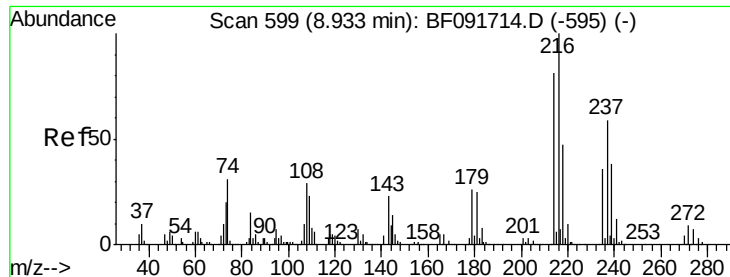
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

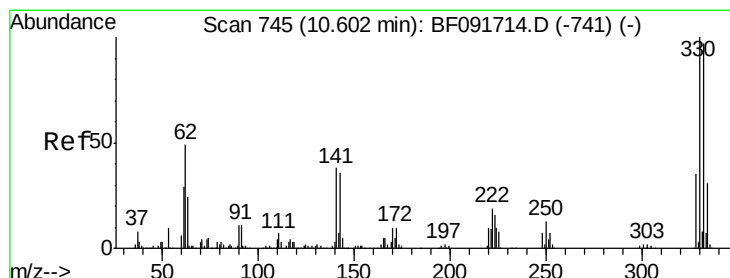
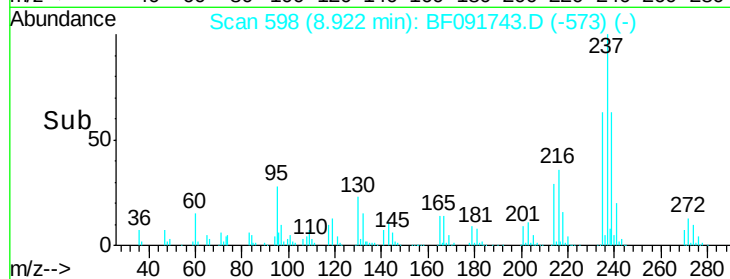
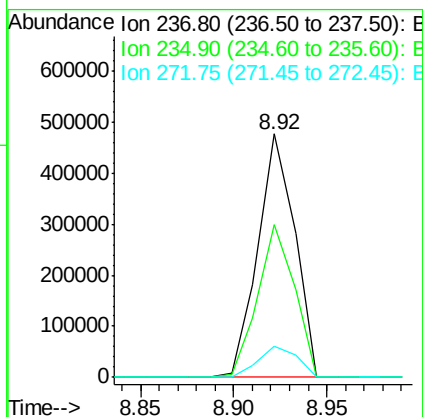
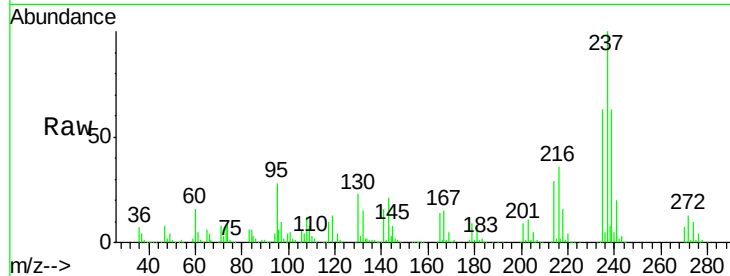




#40
Hexachlorocyclopentadiene
Concen: 85.97 ng
RT: 8.92 min Scan# 598
Delta R.T. -0.01 min
Lab File: BF091743.D
Acq: 18 Dec 2016 18:24

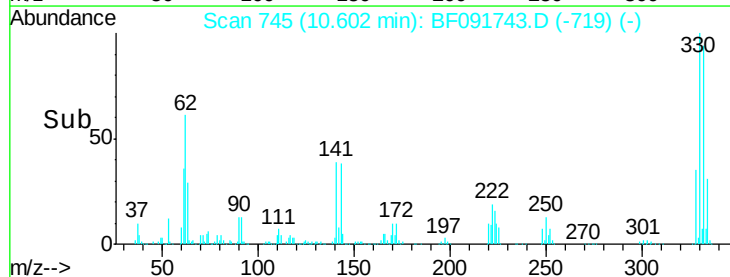
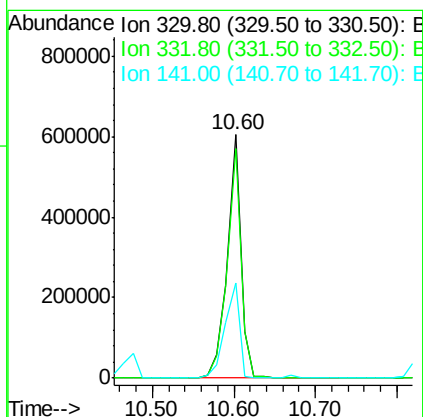
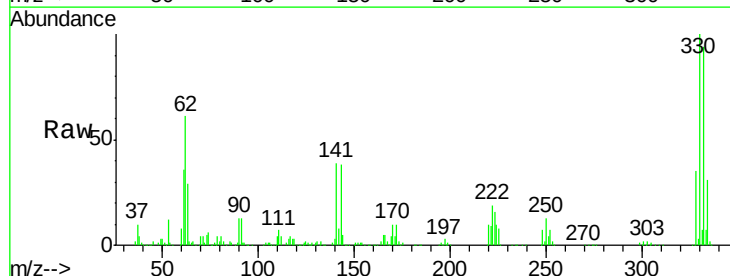
Instrument :
BNA_F
ClientSampleId :
TP20-COMP6MS

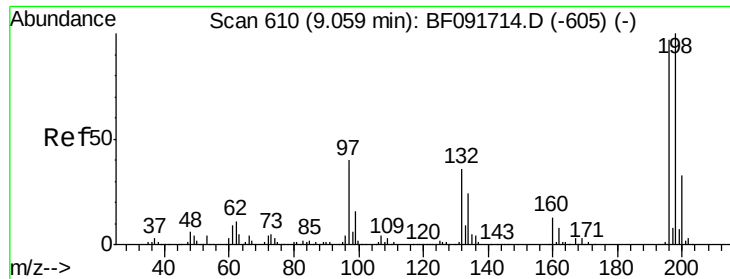
Tot Ion:237 Resp: 650995
Ion Ratio Lower Upper
237 100
235 62.7 41.2 81.2
272 13.0 0.0 35.4



#41
2,4,6-Tribromophenol
Concen: 116.72 ng
RT: 10.60 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF091743.D
Acq: 18 Dec 2016 18:24

Tgt Ion:330 Resp: 709408
Ion Ratio Lower Upper
330 100
332 95.9 77.4 116.2
141 40.9 34.1 51.1





#42

2,4,6-Trichlorophenol

Concen: 44.43 ng

RT: 9.06 min Scan# 610

Delta R.T. 0.00 min

Lab File: BF091743.D

Acq: 18 Dec 2016 18:24

Instrument :

BNA_F

ClientSampleId :

TP20-COMP6MS

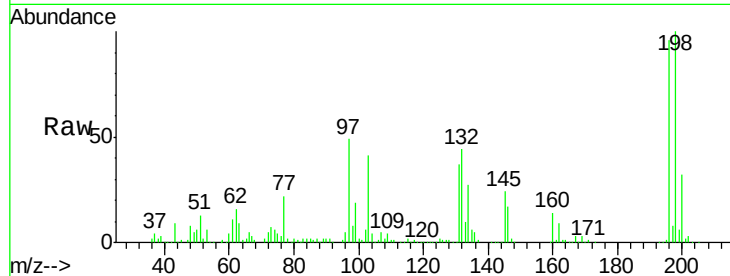
Tot Ion:196 Resp: 567181

Ion Ratio Lower Upper

196 100

198 103.9 82.1 123.1

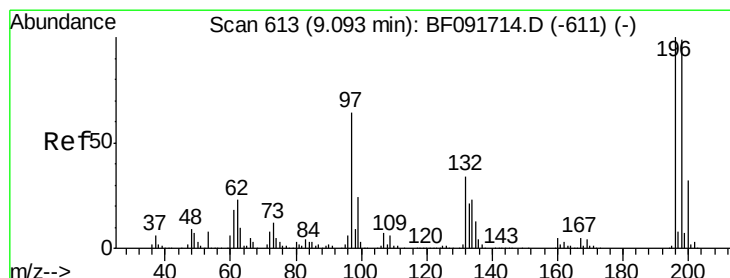
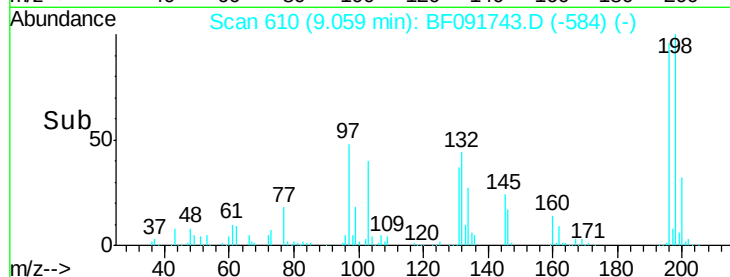
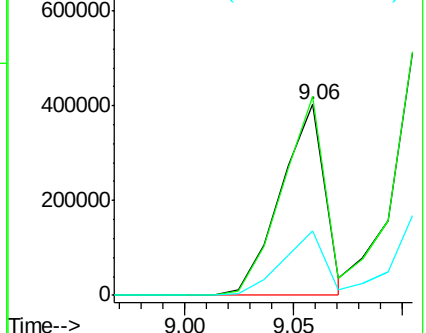
200 33.5 27.0 40.4



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: 43.21 ng

RT: 9.10 min Scan# 614

Delta R.T. 0.01 min

Lab File: BF091743.D

Acq: 18 Dec 2016 18:24

Tgt Ion:196 Resp: 541891

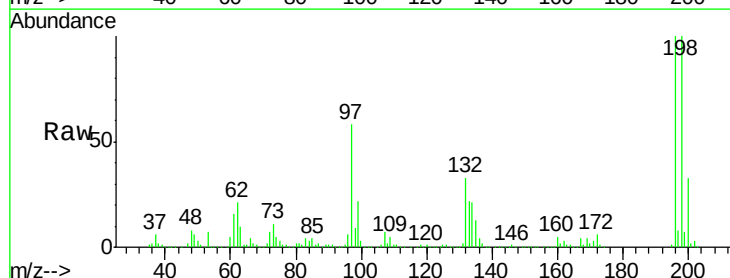
Ion Ratio Lower Upper

196 100

198 100.4 79.4 119.2

97 58.7 51.5 77.3

132 32.7 27.4 41.2

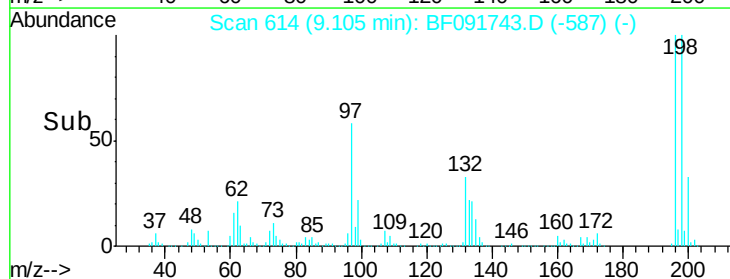
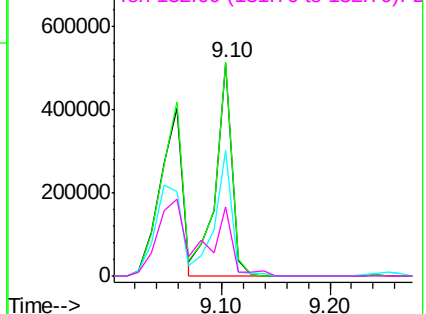


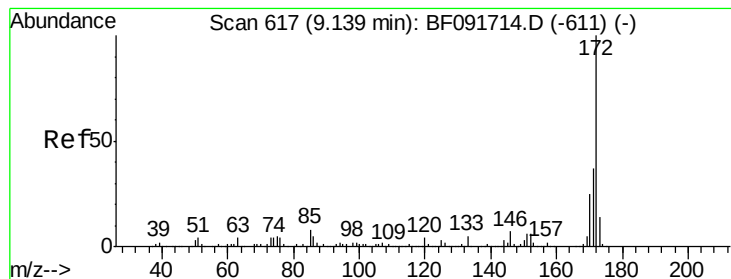
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E

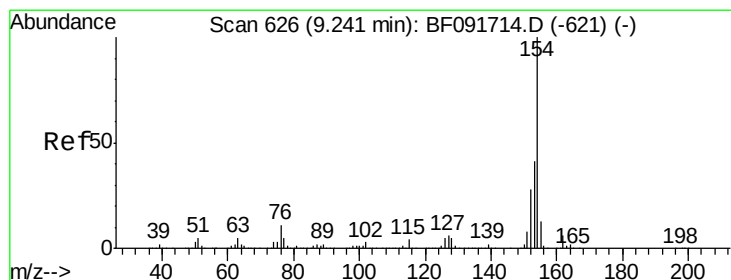
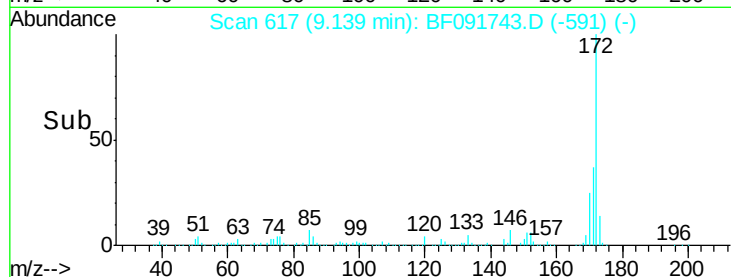
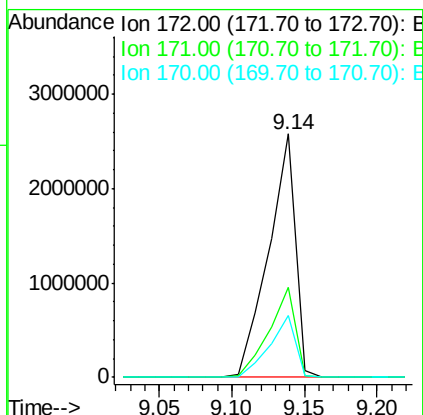
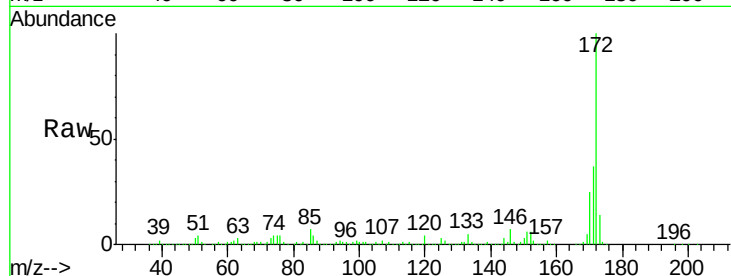




#44
2-Fluorobiphenyl
Concen: 93.05 ng
RT: 9.14 min Scan# 617
Delta R.T. 0.00 min
Lab File: BF091743.D
Acq: 18 Dec 2016 18:24

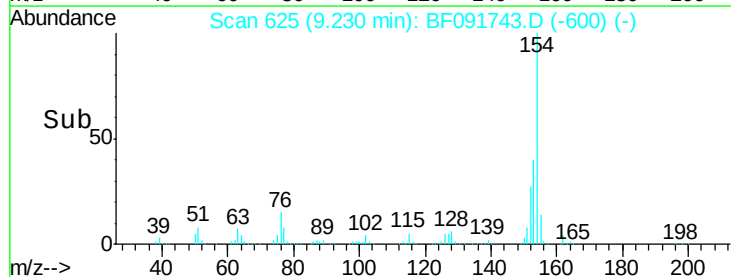
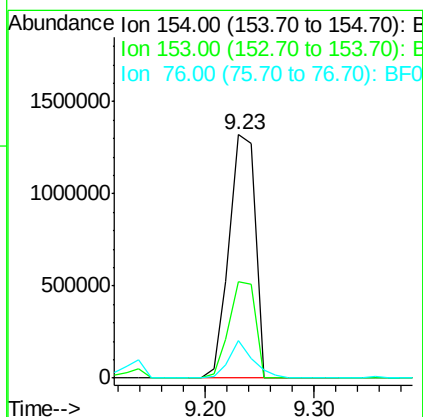
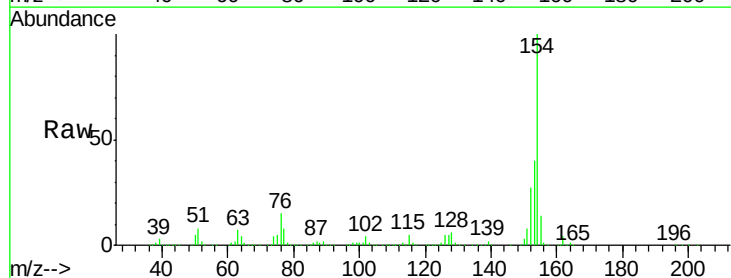
Instrument :
BNA_F
ClientSampleId :
TP20-COMP6MS

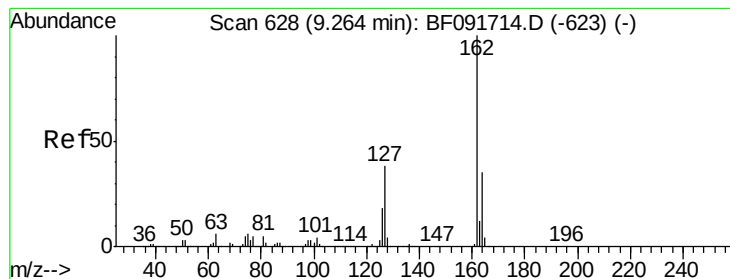
Tot Ion:172 Resp: 3319854
Ion Ratio Lower Upper
172 100
171 36.9 29.4 44.0
170 25.3 20.2 30.4



#45
1,1'-Biphenyl
Concen: 42.35 ng
RT: 9.23 min Scan# 625
Delta R.T. -0.01 min
Lab File: BF091743.D
Acq: 18 Dec 2016 18:24

Tgt Ion:154 Resp: 2175674
Ion Ratio Lower Upper
154 100
153 39.8 20.9 60.9
76 15.3 0.0 30.5

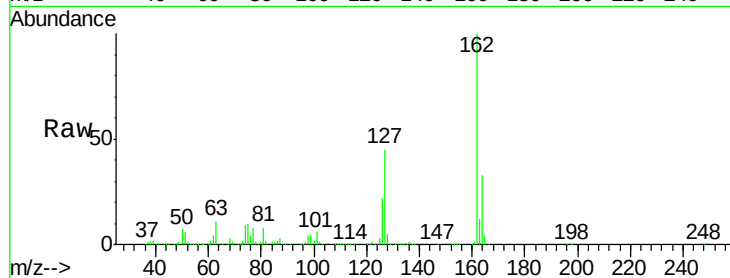




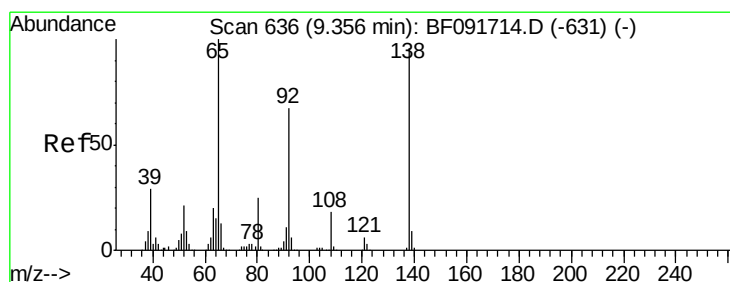
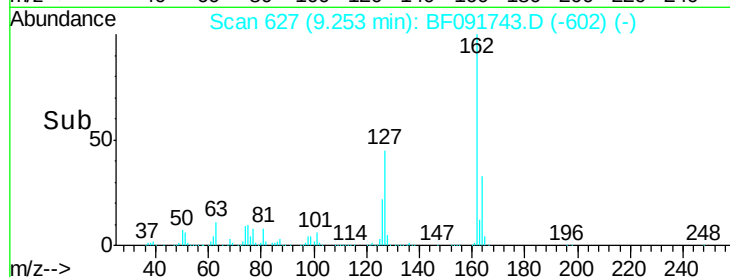
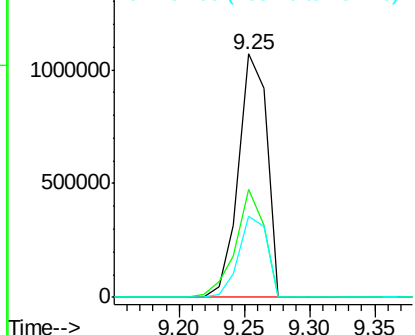
#46
 2-Chloronaphthalene
 Concen: 42.05 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF091743.D
 Acq: 18 Dec 2016 18:24

Instrument :
 BNA_F
 ClientSampleId :
 TP20-COMP6MS

Tot Ion:162 Resp: 1614554
 Ion Ratio Lower Upper
 162 100
 127 44.6 30.7 46.1
 164 33.3 27.6 41.4

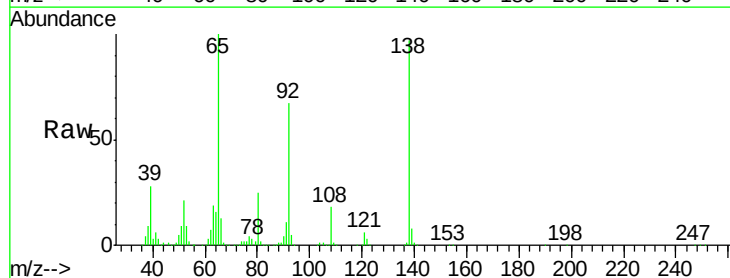


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

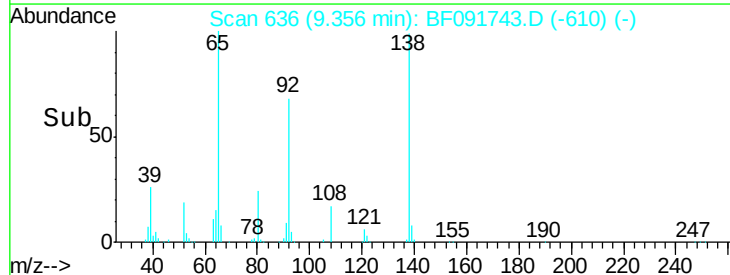
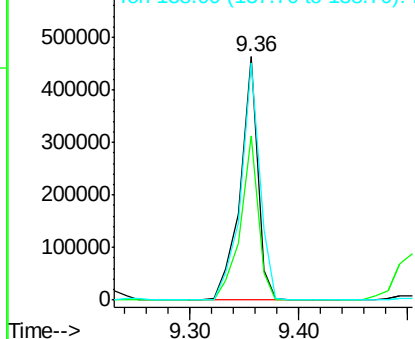


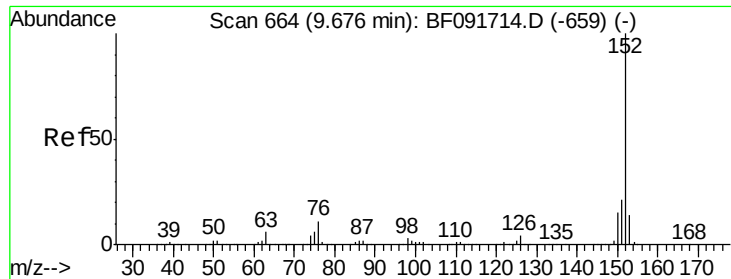
#47
 2-Nitroaniline
 Concen: 39.31 ng
 RT: 9.36 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF091743.D
 Acq: 18 Dec 2016 18:24

Tgt Ion: 65 Resp: 515316
 Ion Ratio Lower Upper
 65 100
 92 67.4 53.9 80.9
 138 97.4 76.8 115.2



Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 44.11 ng

RT: 9.68 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF091743.D

Acq: 18 Dec 2016 18:24

Instrument :

BNA_F

ClientSampleId :

TP20-COMP6MS

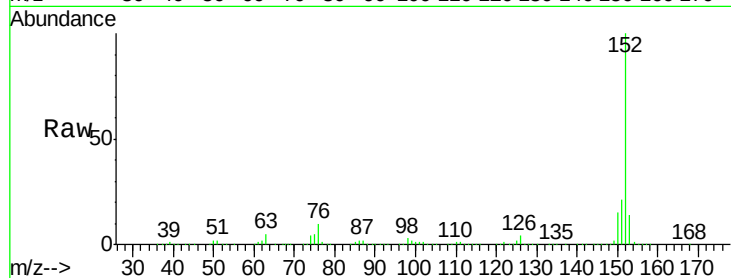
Tot Ion:152 Resp: 2623834

Ion Ratio Lower Upper

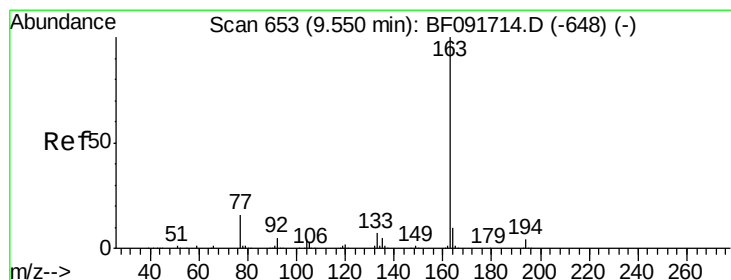
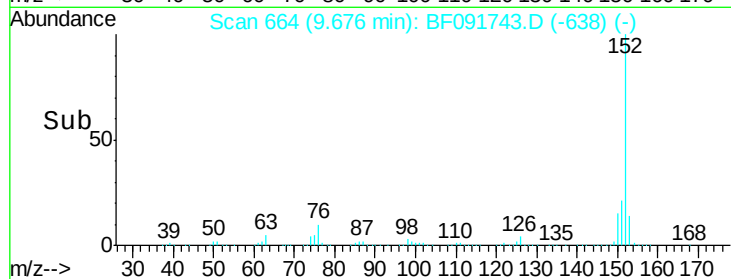
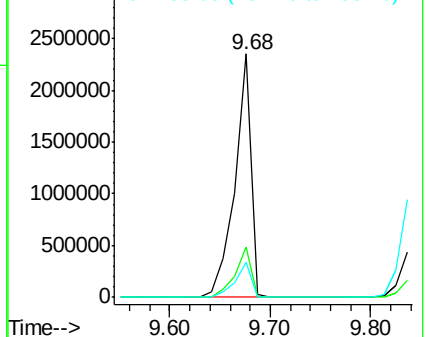
152 100

151 20.9 16.9 25.3

153 14.3 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 45.95 ng

RT: 9.55 min Scan# 653

Delta R.T. 0.00 min

Lab File: BF091743.D

Acq: 18 Dec 2016 18:24

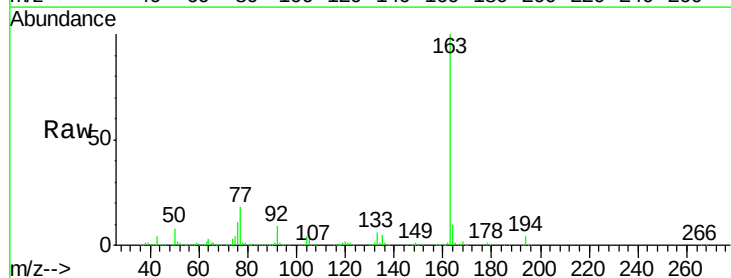
Tgt Ion:163 Resp: 2151133

Ion Ratio Lower Upper

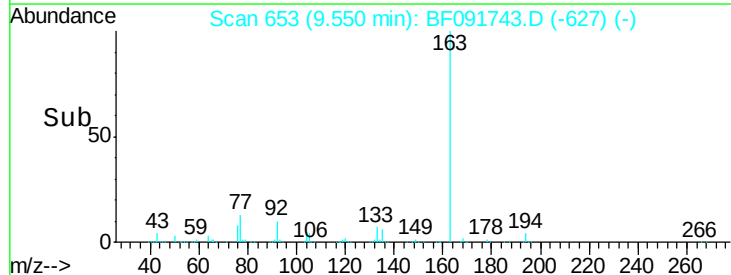
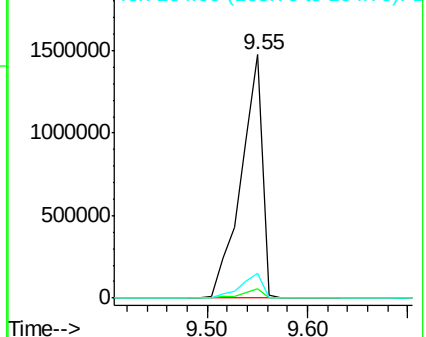
163 100

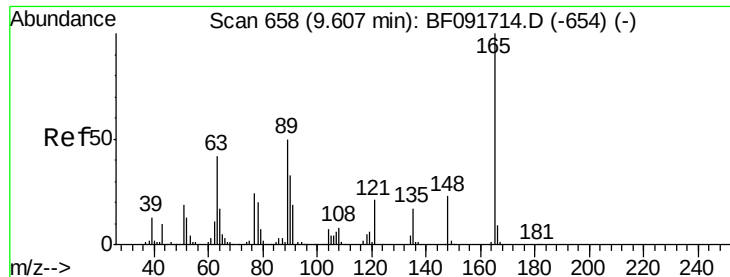
194 3.7 3.0 4.4

164 10.0 8.0 12.0



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

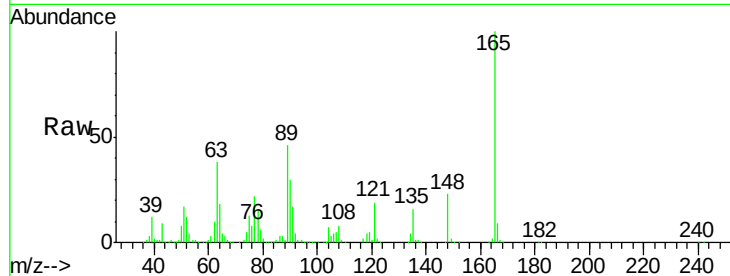




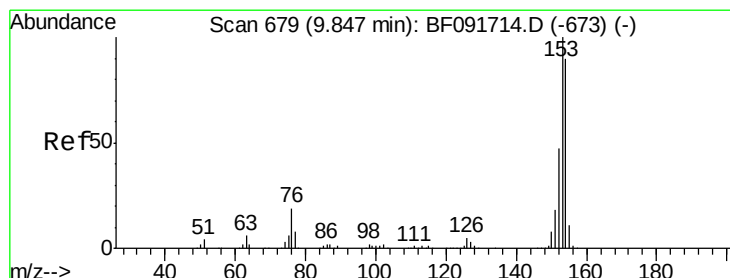
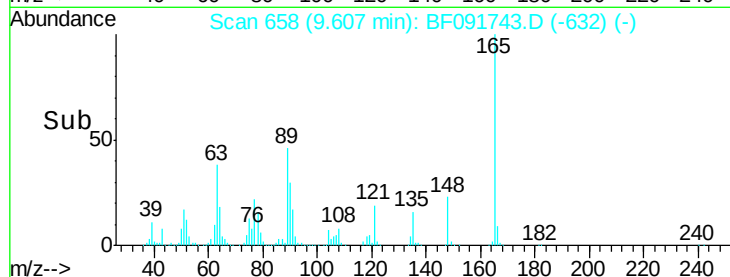
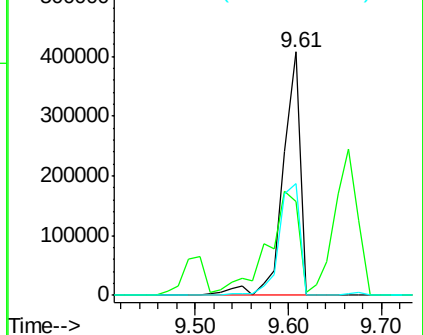
#50
2,6-Dinitrotoluene
Concen: 49.91 ng
RT: 9.61 min Scan# 658
Delta R.T. 0.00 min
Lab File: BF091743.D
Acq: 18 Dec 2016 18:24

Instrument :
BNA_F
ClientSampleId :
TP20-COMP6MS

Tot Ion:165 Resp: 512388
Ion Ratio Lower Upper
165 100
63 38.4 36.2 54.4
89 45.7 40.2 60.4

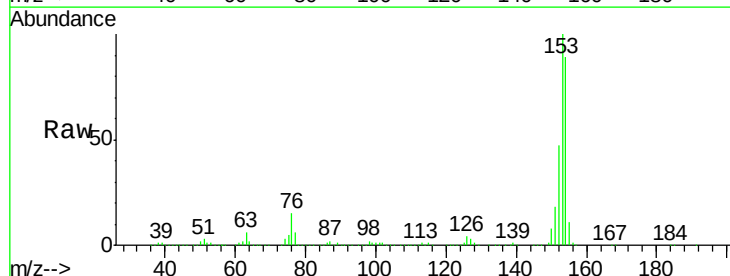


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

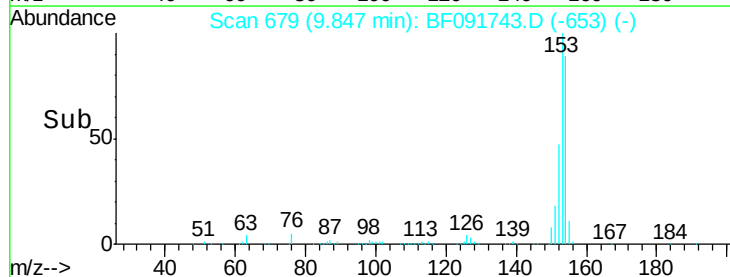
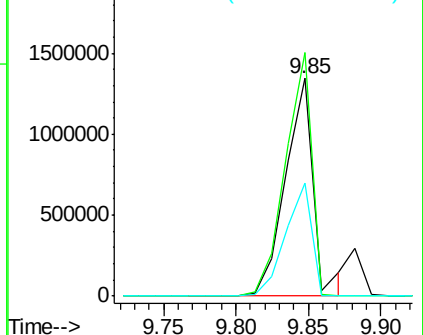


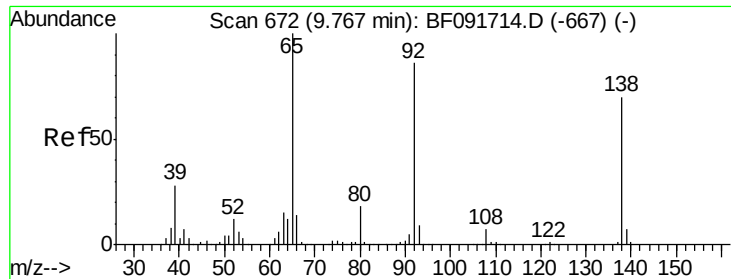
#51
Acenaphthene
Concen: 44.09 ng
RT: 9.85 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF091743.D
Acq: 18 Dec 2016 18:24

Tgt Ion:154 Resp: 1800254
Ion Ratio Lower Upper
154 100
153 111.8 88.6 133.0
152 52.2 41.6 62.4



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: 6.38 ng

RT: 9.77 min Scan# 672

Delta R.T. 0.00 min

Lab File: BF091743.D

Acq: 18 Dec 2016 18:24

Instrument :

BNA_F

ClientSampleId :

TP20-COMP6MS

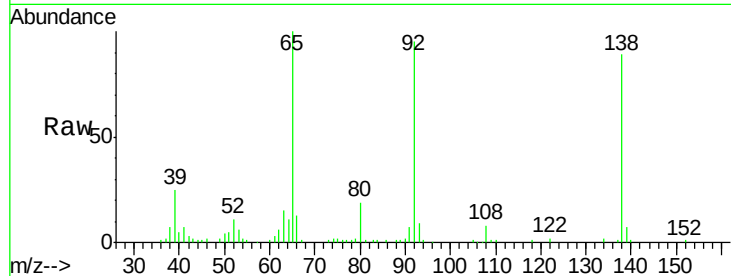
Tot Ion:138 Resp: 81524

Ion Ratio Lower Upper

138 100

108 9.5 8.5 12.7

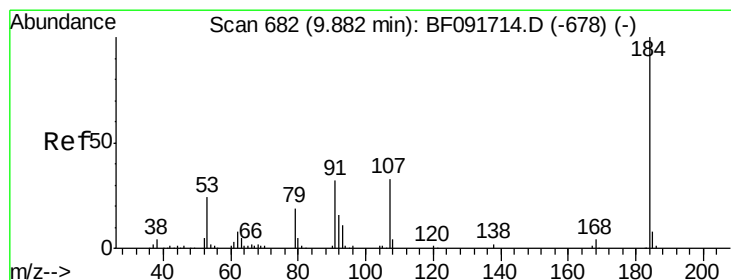
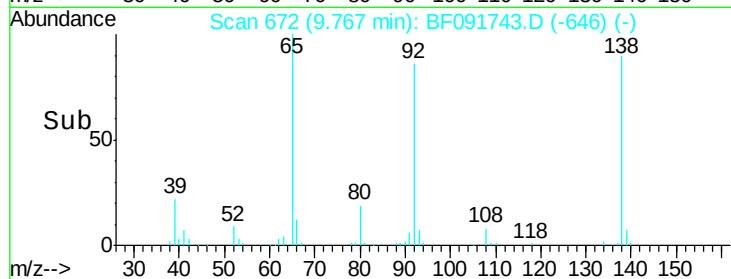
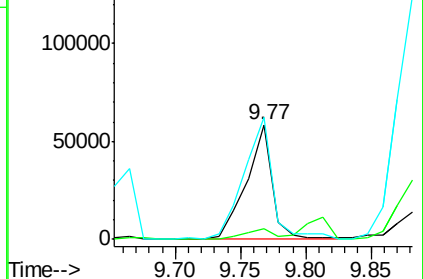
92 106.9 97.8 146.8



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: 97.41 ng

RT: 9.88 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF091743.D

Acq: 18 Dec 2016 18:24

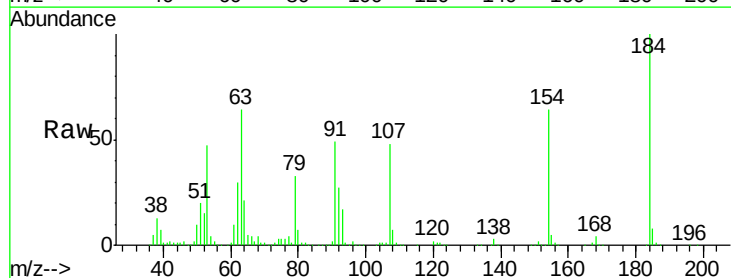
Tgt Ion:184 Resp: 540224

Ion Ratio Lower Upper

184 100

63 63.7 28.4 42.6#

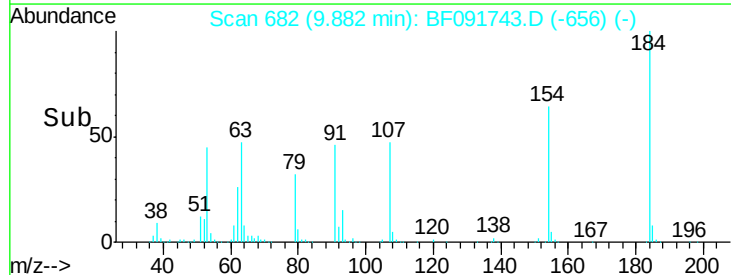
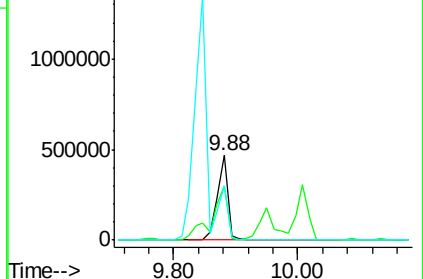
154 64.0 44.3 66.5

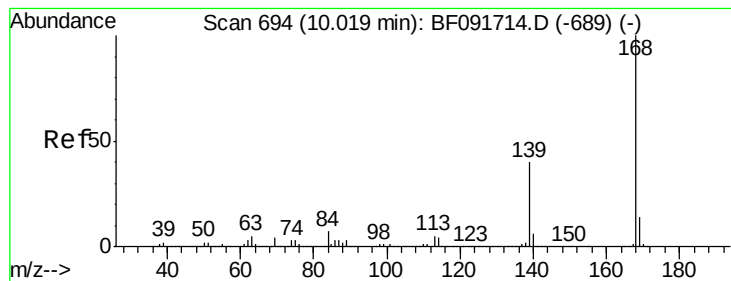


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 47.06 ng

RT: 10.02 min Scan# 694

Delta R.T. 0.00 min

Lab File: BF091743.D

Acq: 18 Dec 2016 18:24

Instrument :

BNA_F

ClientSampleId :

TP20-COMP6MS

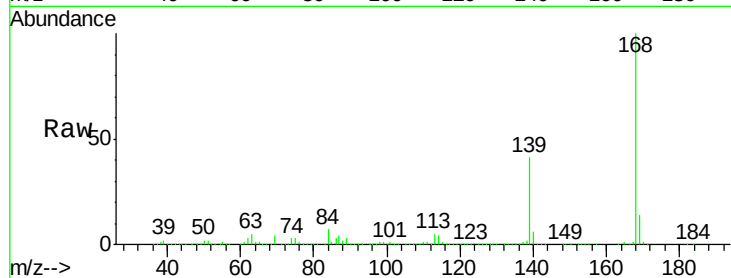
Tot Ion:168 Resp: 2284510

Ion Ratio Lower Upper

168 100

139 41.3 32.6 49.0

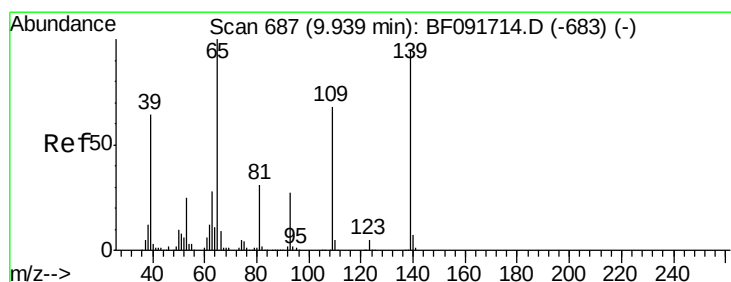
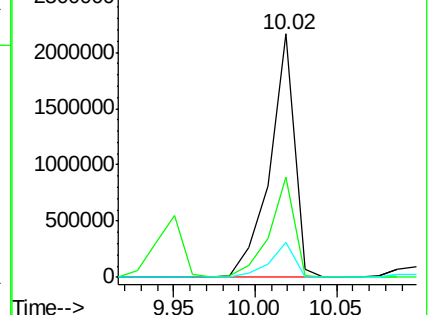
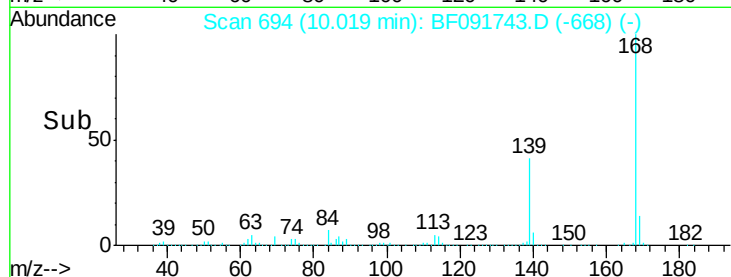
169 14.2 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 73.47 ng

RT: 9.95 min Scan# 688

Delta R.T. 0.01 min

Lab File: BF091743.D

Acq: 18 Dec 2016 18:24

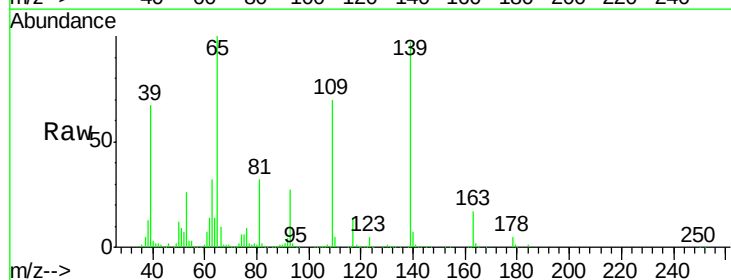
Tgt Ion:139 Resp: 652109

Ion Ratio Lower Upper

139 100

109 72.2 52.2 92.2

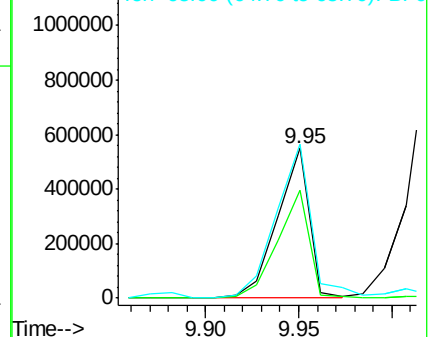
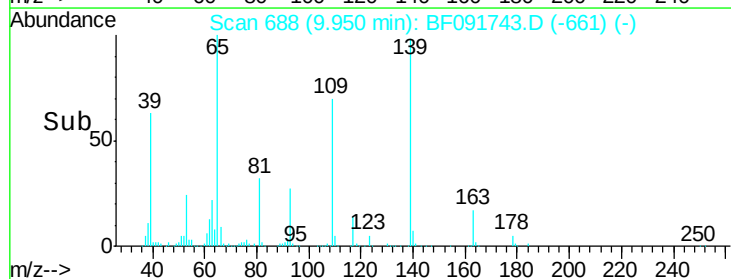
65 102.9 85.8 125.8

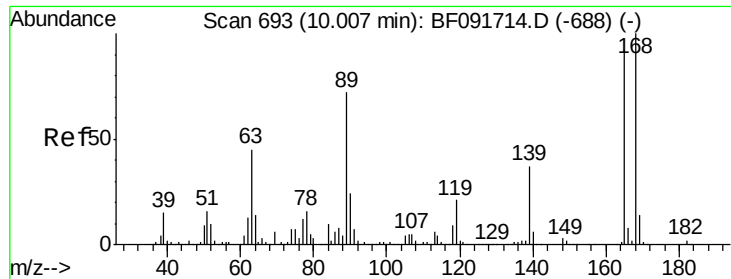


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

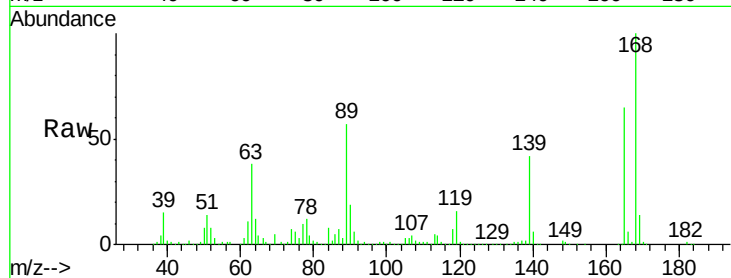




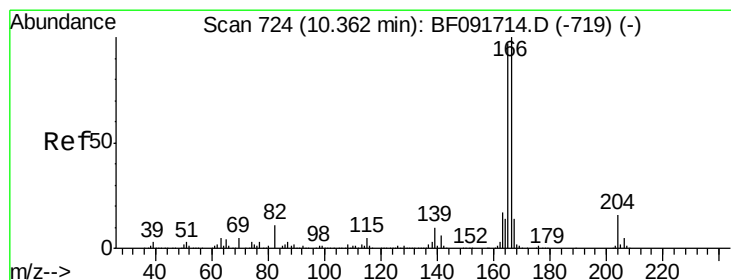
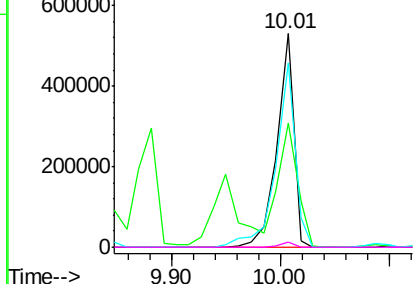
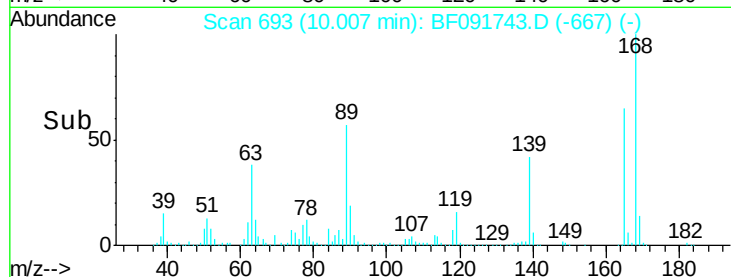
#56
2,4-Dinitrotoluene
Concen: 44.44 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF091743.D
Acq: 18 Dec 2016 18:24

Instrument :
BNA_F
ClientSampleId :
TP20-COMP6MS

Tot Ion:165 Resp: 569905
Ion Ratio Lower Upper
165 100
63 58.3 40.2 60.4
89 86.6 62.5 93.7
182 2.2 1.8 2.8

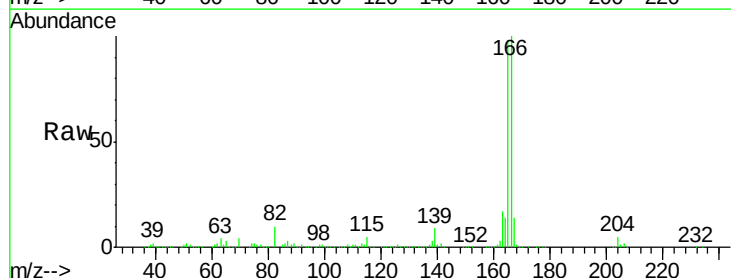


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

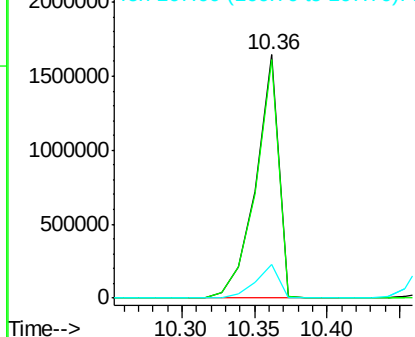
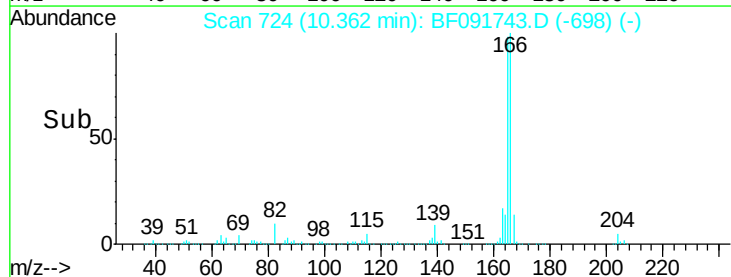


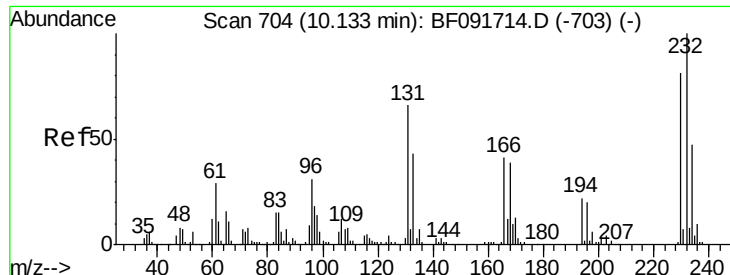
#57
Fluorene
Concen: 47.93 ng
RT: 10.36 min Scan# 724
Delta R.T. 0.00 min
Lab File: BF091743.D
Acq: 18 Dec 2016 18:24

Tgt Ion:166 Resp: 1807252
Ion Ratio Lower Upper
166 100
165 97.9 77.8 116.8
167 13.7 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

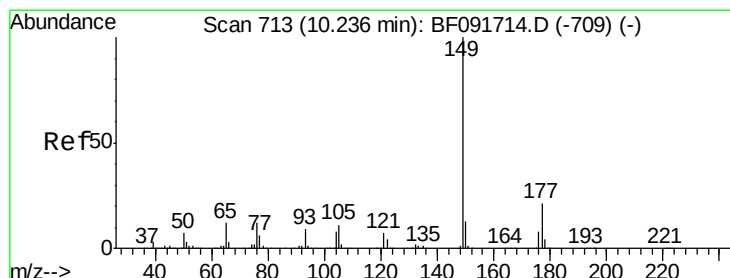
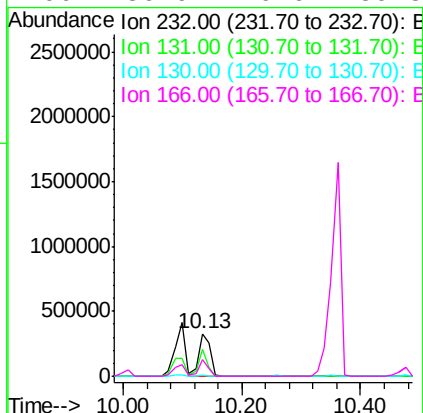
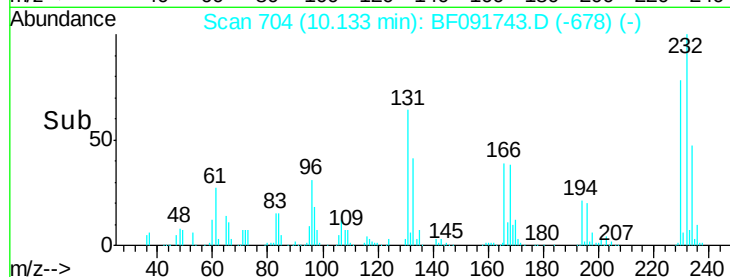
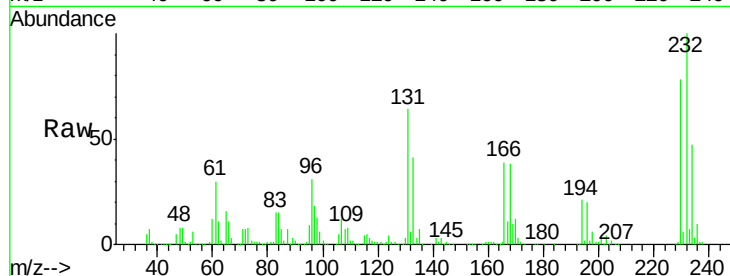




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.38 ng
 RT: 10.13 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: BF091743.D
 Acq: 18 Dec 2016 18:24

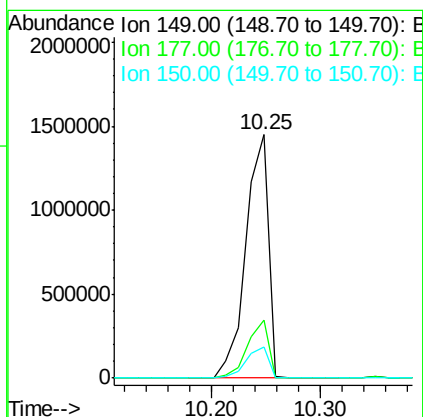
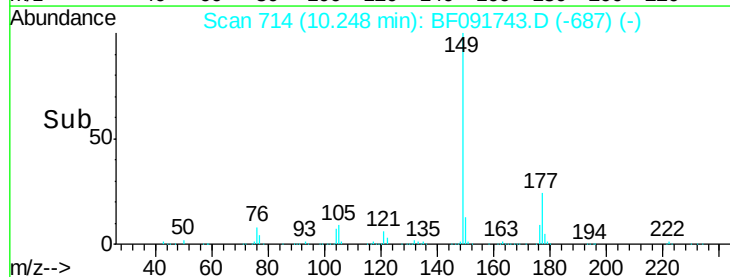
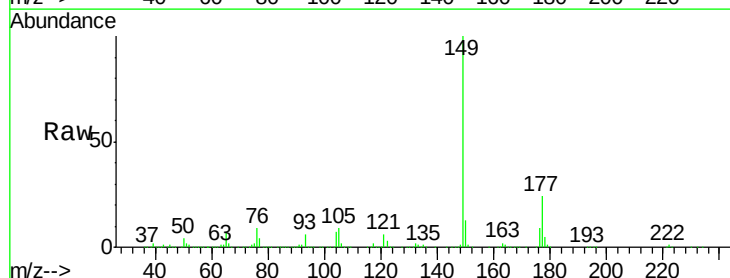
Instrument :
 BNA_F
 ClientSampleId :
 TP20-COMP6MS

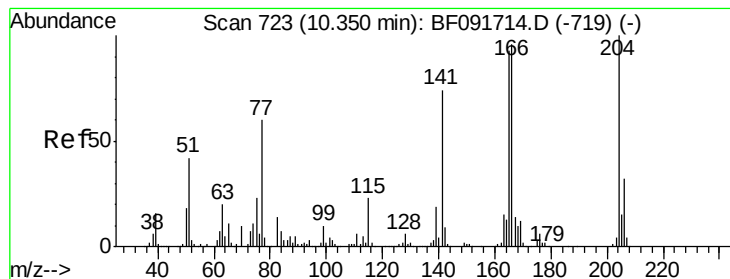
Tot Ion:232 Resp: 460172
 Ion Ratio Lower Upper
 232 100
 131 47.4 40.1 60.1
 130 2.4 1.8 2.8
 166 30.9 26.6 39.8



#59
 Diethylphthalate
 Concen: 45.19 ng
 RT: 10.25 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: BF091743.D
 Acq: 18 Dec 2016 18:24

Tgt Ion:149 Resp: 2079683
 Ion Ratio Lower Upper
 149 100
 177 24.0 16.6 25.0
 150 12.5 10.4 15.6





#60

4-Chlorophenyl-phenylether

Concen: 41.49 ng

RT: 10.35 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF091743.D

Acq: 18 Dec 2016 18:24

Instrument :

BNA_F

ClientSampleId :

TP20-COMP6MS

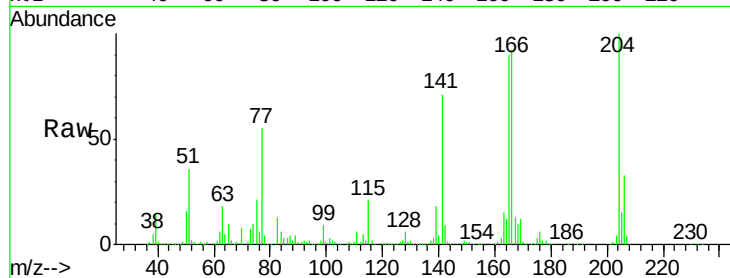
Tot Ion:204 Resp: 712588

Ion Ratio Lower Upper

204 100

206 32.5 25.8 38.6

141 71.3 59.4 89.0

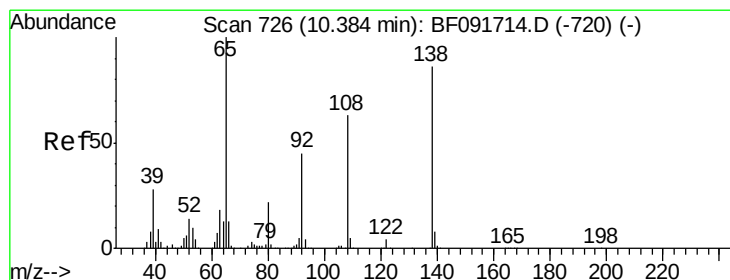
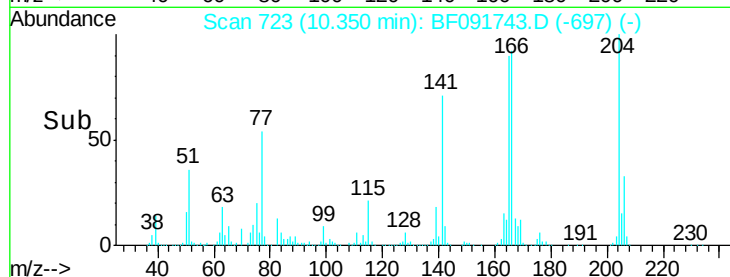


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

Time--> 10.25 10.30 10.35 10.40



#61

4-Nitroaniline

Concen: 29.14 ng

RT: 10.38 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF091743.D

Acq: 18 Dec 2016 18:24

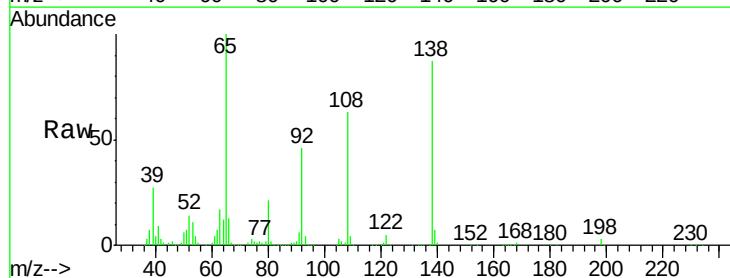
Tgt Ion:138 Resp: 352908

Ion Ratio Lower Upper

138 100

92 53.1 31.7 71.7

108 72.5 52.6 92.6

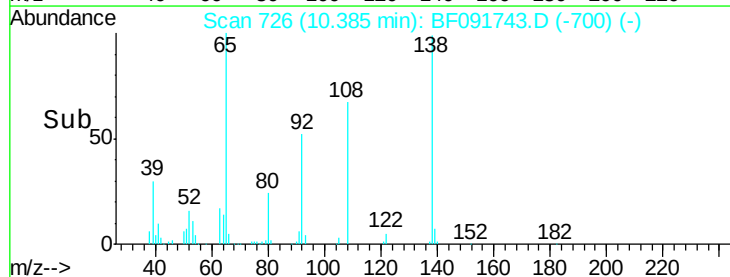


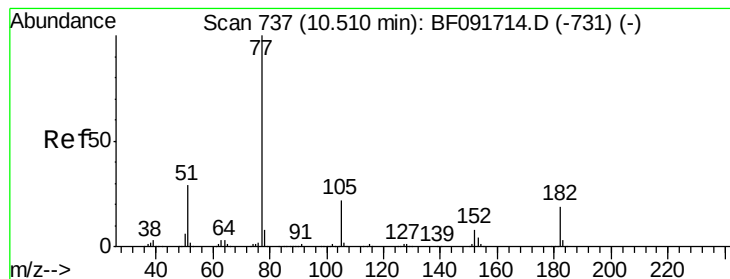
Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E

Time--> 10.30 10.40





#62

Azobenzene

Concen: 43.85 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF091743.D

Acq: 18 Dec 2016 18:24

Instrument :

BNA_F

ClientSampleId :

TP20-COMP6MS

Tot Ion: 77 Resp: 2147302

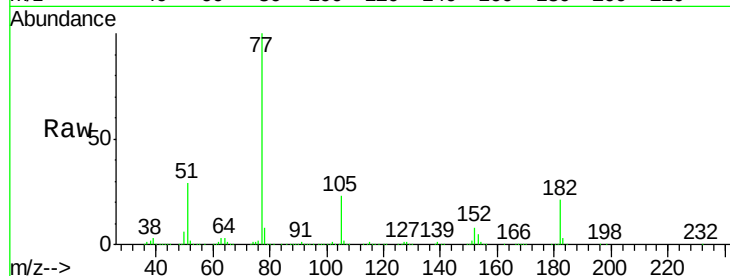
Ion Ratio Lower Upper

77 100

182 21.0 0.0 39.3

105 23.1 2.3 42.3

51 28.8 8.9 48.9

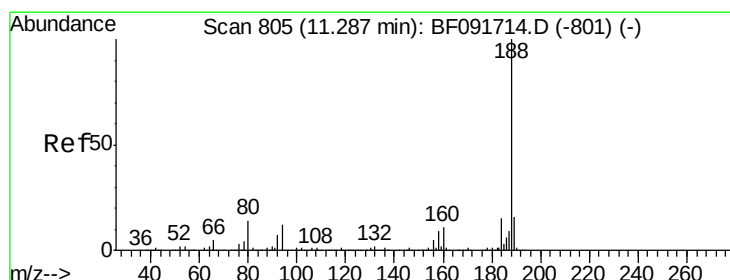
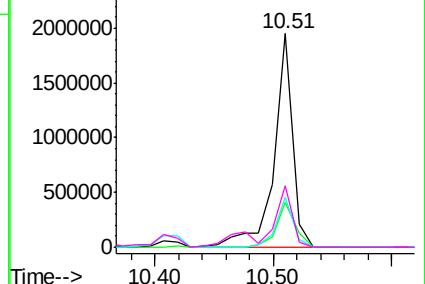
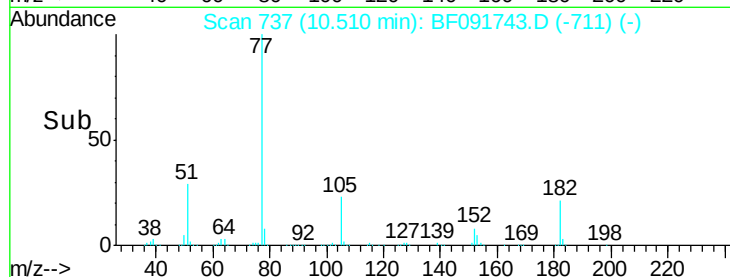


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF091743.D

Acq: 18 Dec 2016 18:24

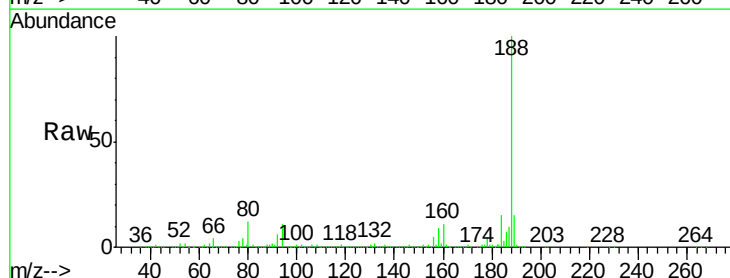
Tgt Ion: 188 Resp: 1105768

Ion Ratio Lower Upper

188 100

94 11.0 10.0 15.0

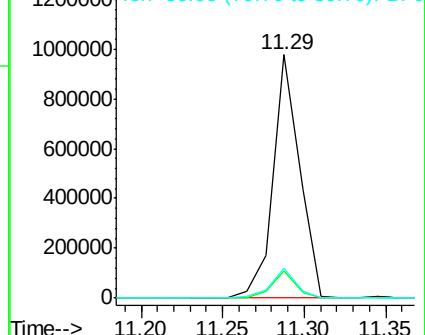
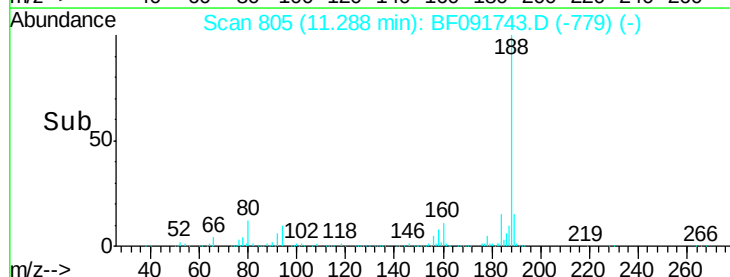
80 12.5 11.2 16.8

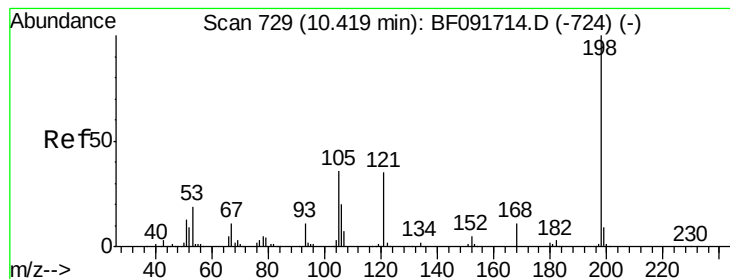


Abundance Ion 188.00 (187.70 to 188.70): BF0

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 49.74 ng

RT: 10.42 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF091743.D

Acq: 18 Dec 2016 18:24

Instrument :

BNA_F

ClientSampleId :

TP20-COMP6MS

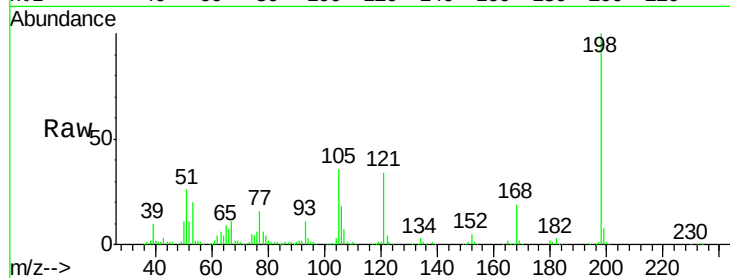
Tot Ion:198 Resp: 362775

Ion Ratio Lower Upper

198 100

51 25.7 6.7 46.7

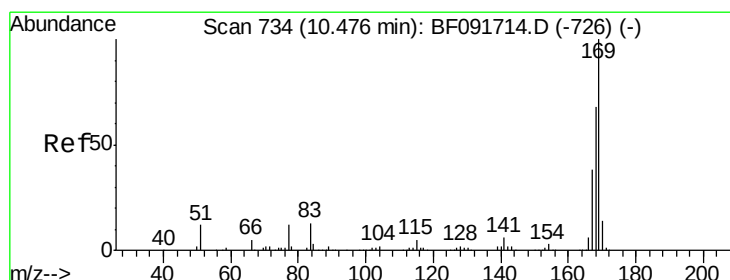
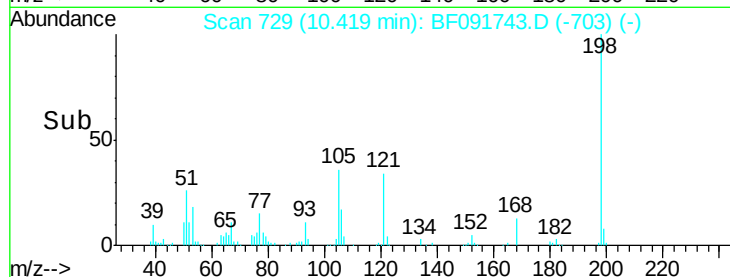
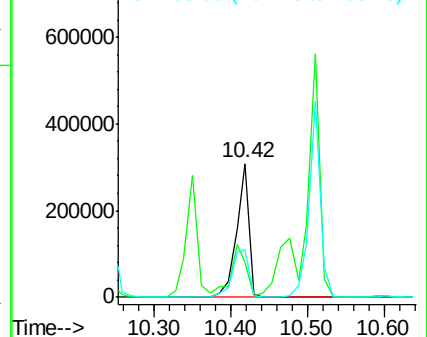
105 35.7 16.6 56.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 40.54 ng

RT: 10.48 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF091743.D

Acq: 18 Dec 2016 18:24

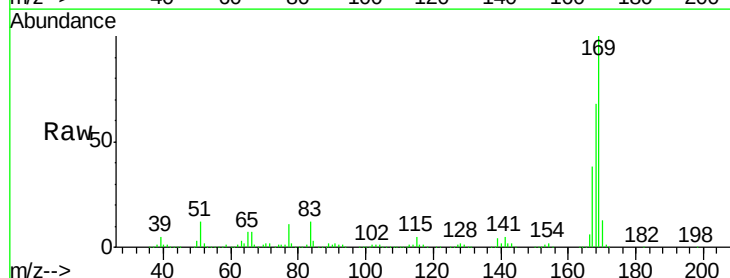
Tgt Ion:169 Resp: 1392145

Ion Ratio Lower Upper

169 100

168 67.9 54.2 81.2

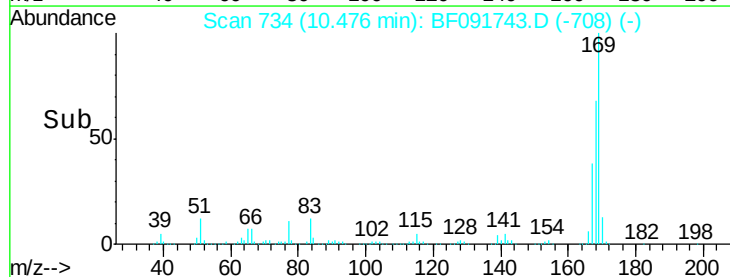
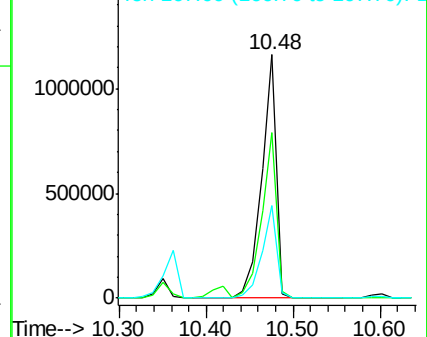
167 37.8 30.2 45.4

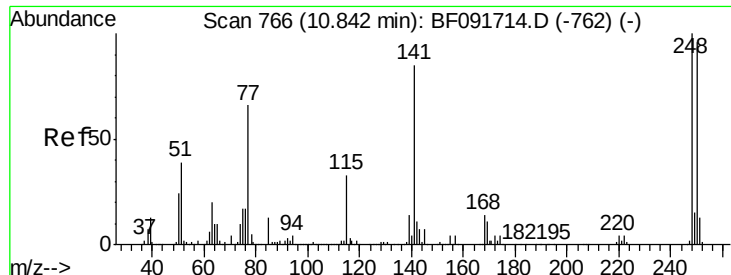


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

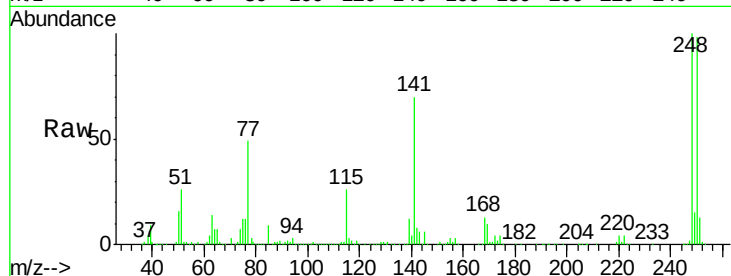




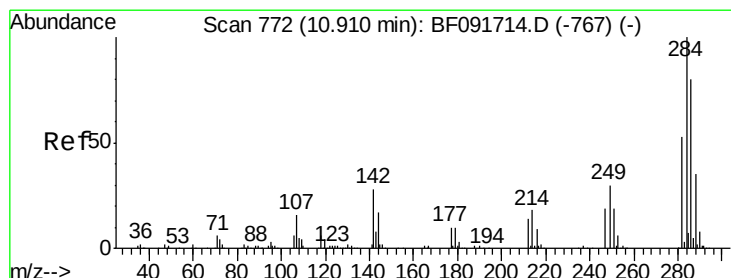
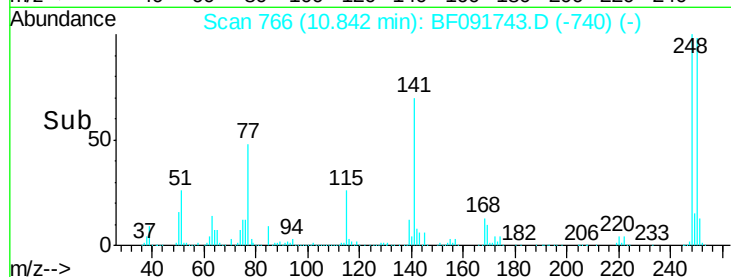
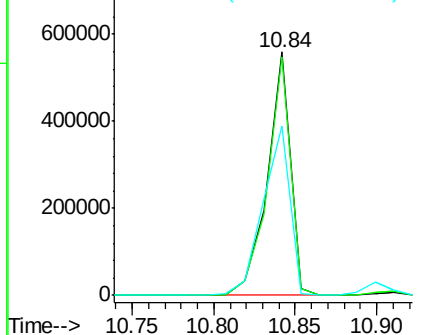
#66
4-Bromophenyl-phenylether
Concen: 47.64 ng
RT: 10.84 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF091743.D
Acq: 18 Dec 2016 18:24

Instrument :
BNA_F
ClientSampleId :
TP20-COMP6MS

Tot Ion:248 Resp: 552383
Ion Ratio Lower Upper
248 100
250 98.0 76.9 115.3
141 69.6 68.2 102.4

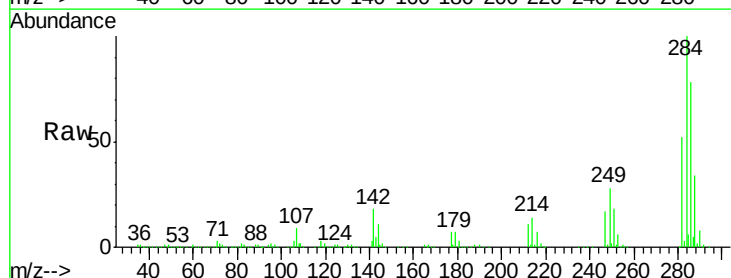


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

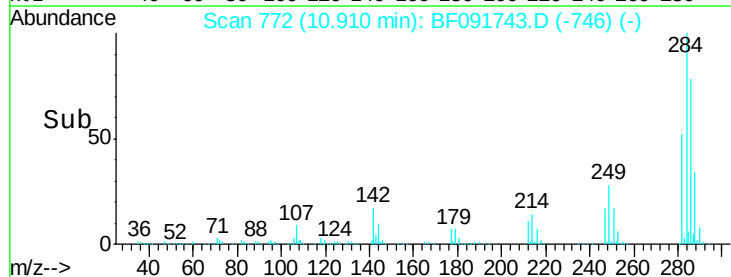
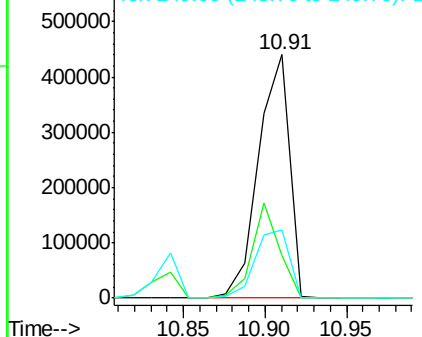


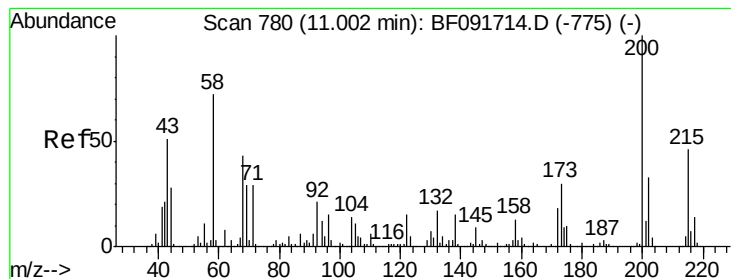
#67
Hexachlorobenzene
Concen: 47.83 ng
RT: 10.91 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF091743.D
Acq: 18 Dec 2016 18:24

Tgt Ion:284 Resp: 581119
Ion Ratio Lower Upper
284 100
142 17.6 22.6 33.8#
249 27.8 25.4 38.0



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#68

Atrazine

Concen: 25.98 ng

RT: 11.00 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF091743.D

Acq: 18 Dec 2016 18:24

Instrument :

BNA_F

ClientSampleId :

TP20-COMP6MS

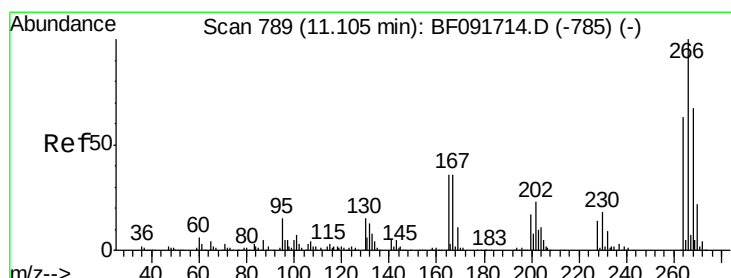
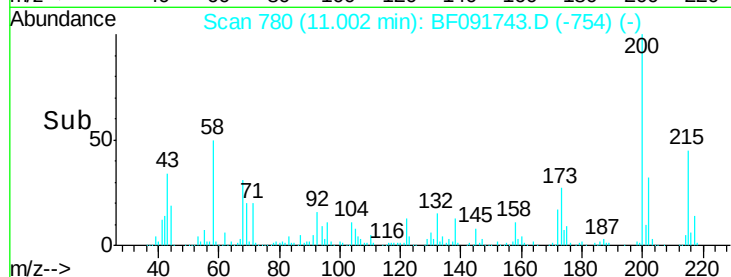
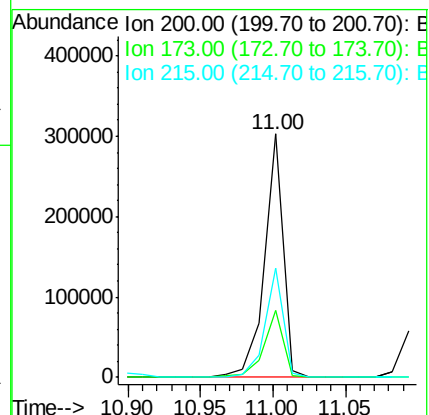
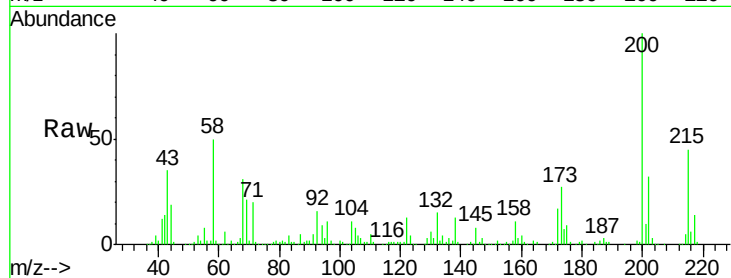
Tot Ion:200 Resp: 269544

Ion Ratio Lower Upper

200 100

173 27.4 9.6 49.6

215 44.8 25.7 65.7



#69

Pentachlorophenol

Concen: 92.71 ng

RT: 11.10 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF091743.D

Acq: 18 Dec 2016 18:24

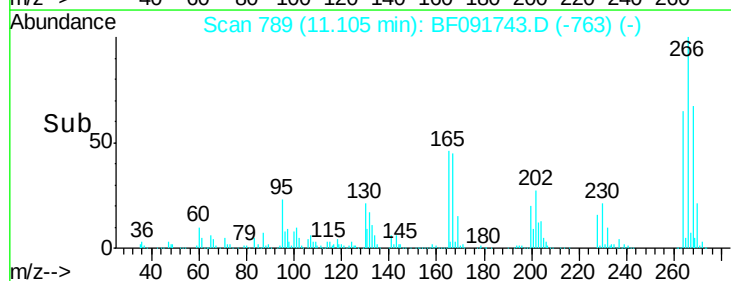
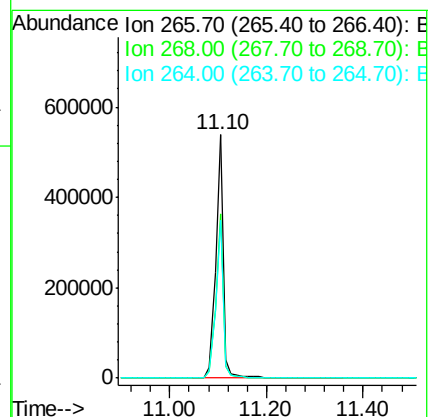
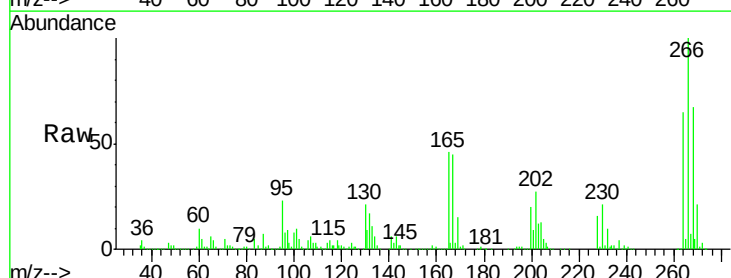
Tgt Ion:266 Resp: 607830

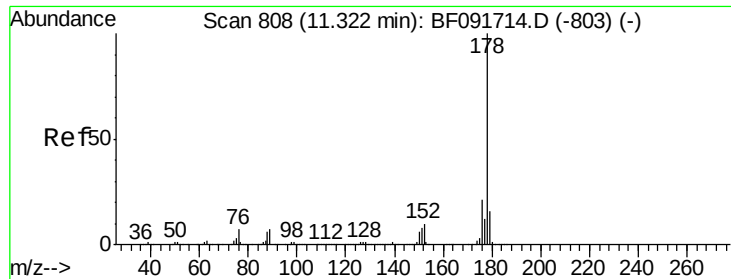
Ion Ratio Lower Upper

266 100

268 67.4 53.3 79.9

264 65.0 50.3 75.5





#70

Phenanthrene

Concen: 48.69 ng

RT: 11.32 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF091743.D

Acq: 18 Dec 2016 18:24

Instrument :

BNA_F

ClientSampleId :

TP20-COMP6MS

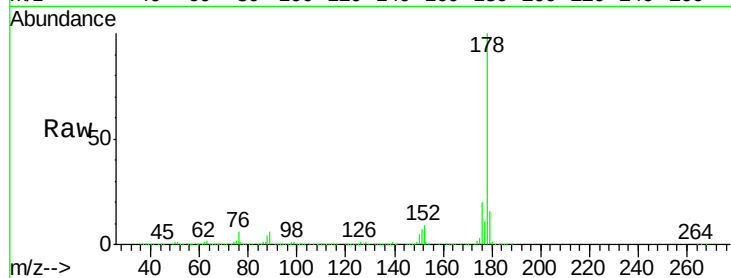
Tot Ion:178 Resp: 2690315

Ion Ratio Lower Upper

178 100

176 20.1 16.6 25.0

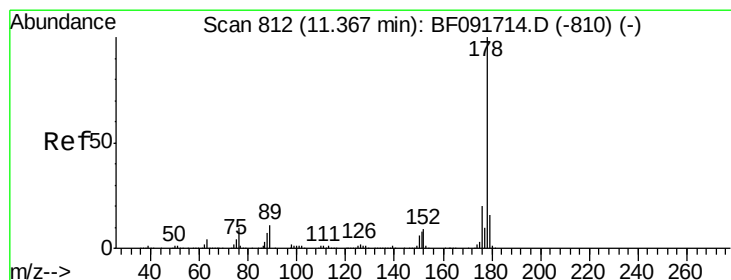
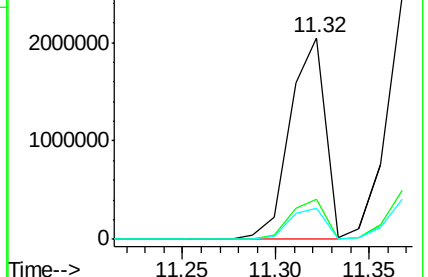
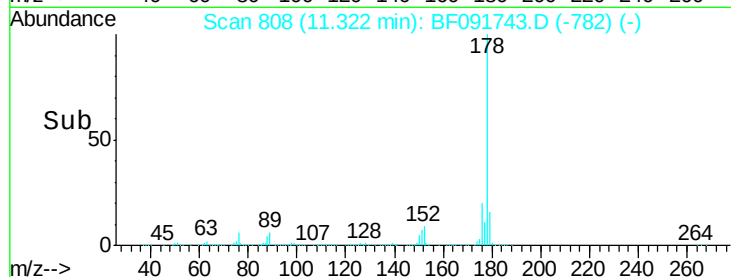
179 15.7 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 41.99 ng

RT: 11.37 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF091743.D

Acq: 18 Dec 2016 18:24

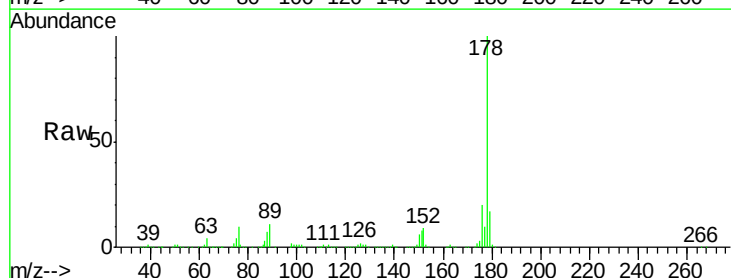
Tgt Ion:178 Resp: 2457402

Ion Ratio Lower Upper

178 100

176 20.3 15.9 23.9

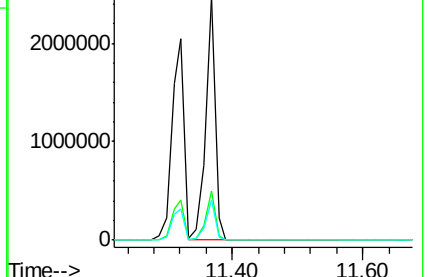
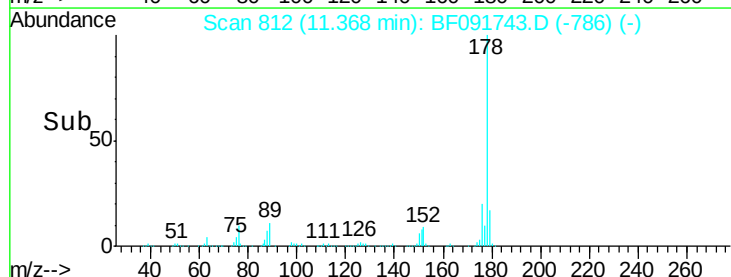
179 16.6 13.2 19.8

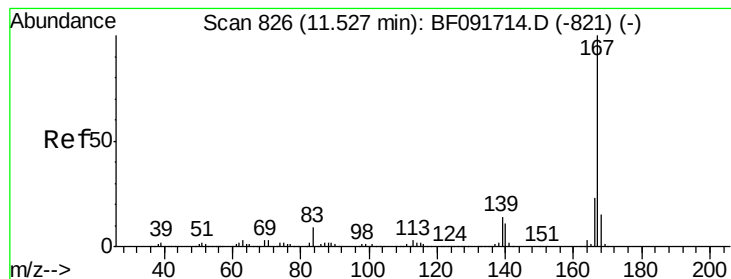


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 40.27 ng

RT: 11.53 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF091743.D

Acq: 18 Dec 2016 18:24

Instrument :

BNA_F

ClientSampleId :

TP20-COMP6MS

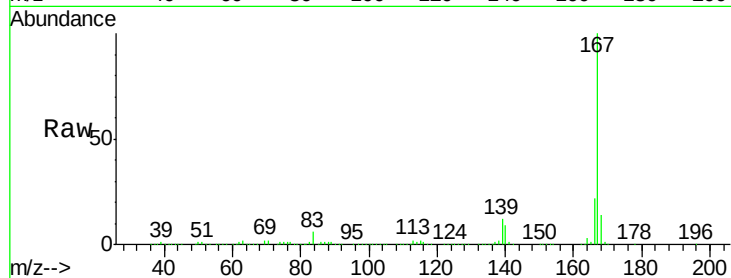
Tot Ion:167 Resp: 2060770

Ion Ratio Lower Upper

167 100

166 22.4 18.2 27.2

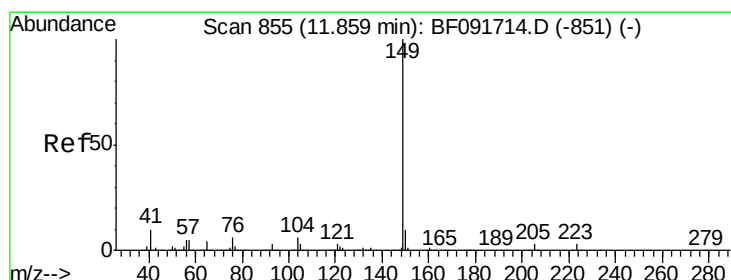
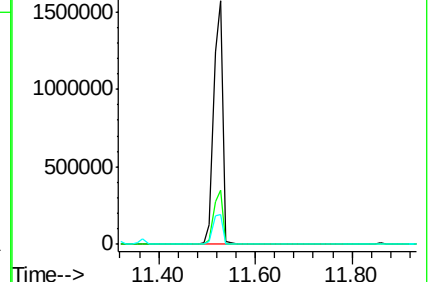
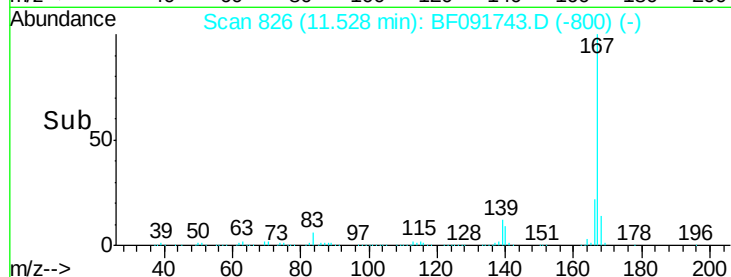
139 12.1 11.4 17.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 41.68 ng

RT: 11.86 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF091743.D

Acq: 18 Dec 2016 18:24

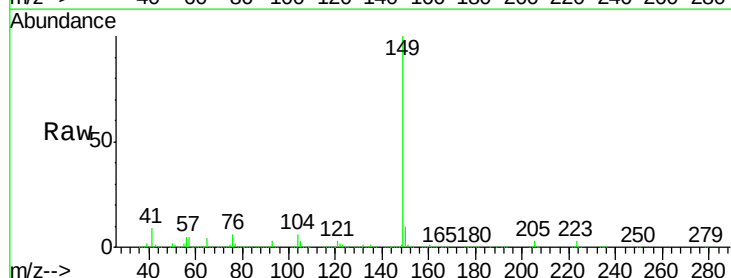
Tgt Ion:149 Resp: 2734756

Ion Ratio Lower Upper

149 100

150 10.2 8.1 12.1

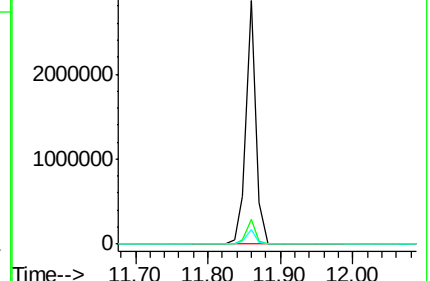
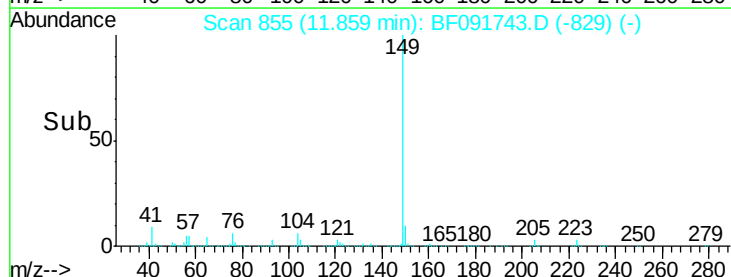
104 6.0 4.6 7.0

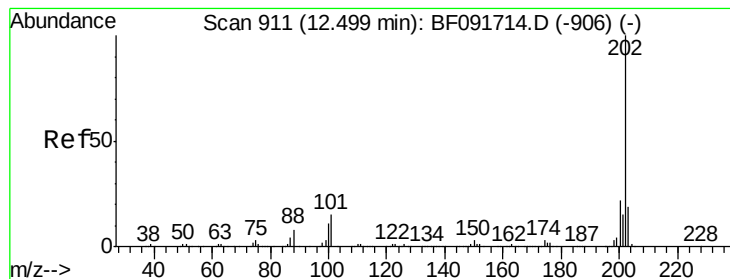


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

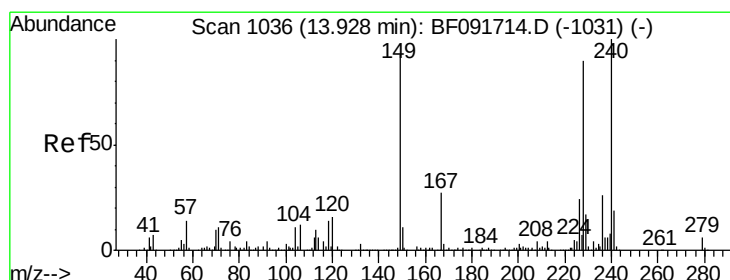
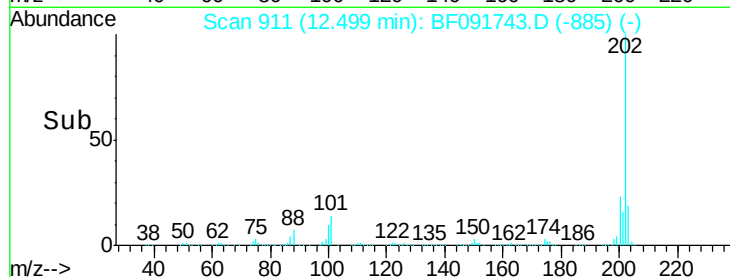
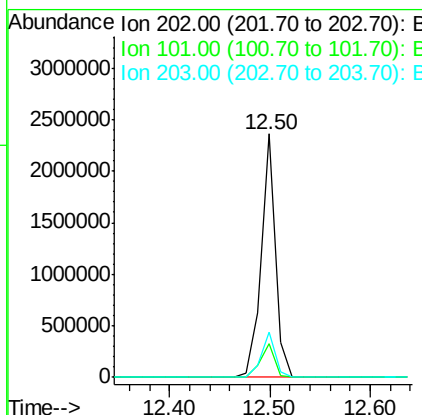
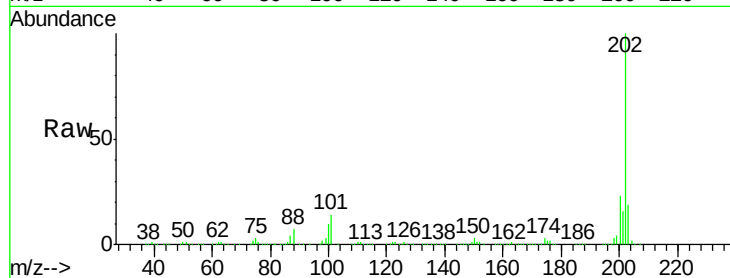




#74
 Fluoranthene
 Concen: 40.37 ng
 RT: 12.50 min Scan# 911
 Delta R.T. 0.00 min
 Lab File: BF091743.D
 Acq: 18 Dec 2016 18:24

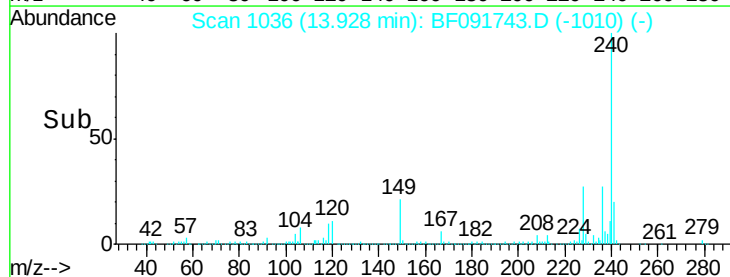
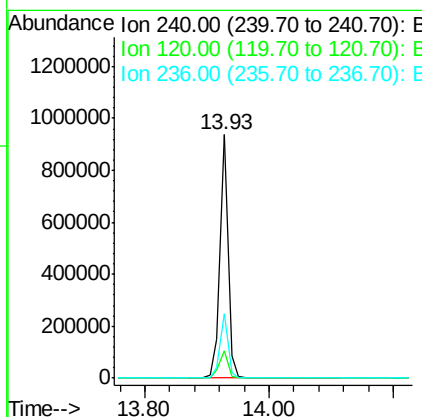
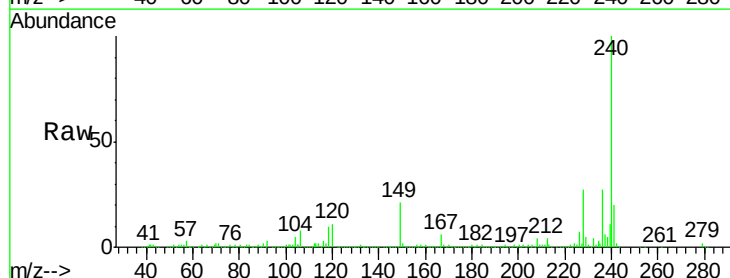
Instrument :
 BNA_F
 ClientSampleId :
 TP20-COMP6MS

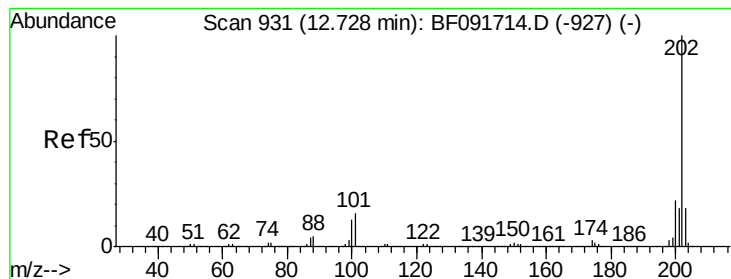
Tot Ion:202 Resp: 2329429
 Ion Ratio Lower Upper
 202 100
 101 13.9 0.0 34.6
 203 18.6 0.0 38.7



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF091743.D
 Acq: 18 Dec 2016 18:24

Tgt Ion:240 Resp: 826643
 Ion Ratio Lower Upper
 240 100
 120 11.1 12.9 19.3#
 236 26.7 20.9 31.3





#77

Pvrene

Concen: 41.63 ng

RT: 12.73 min Scan# 931

Delta R.T. 0.00 min

Lab File: BF091743.D

Acq: 18 Dec 2016 18:24

Instrument :

BNA_F

ClientSampleId :

TP20-COMP6MS

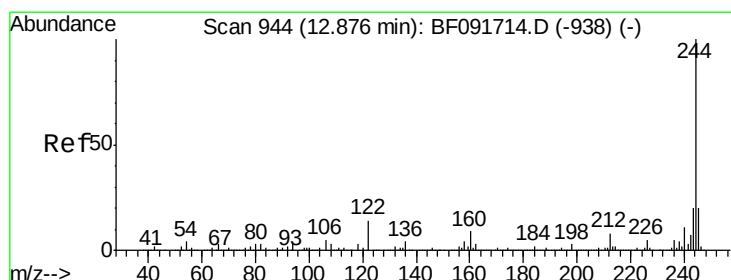
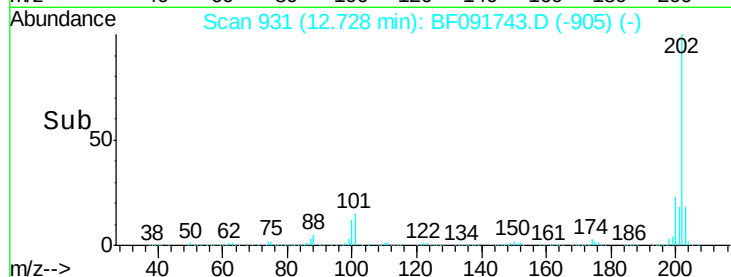
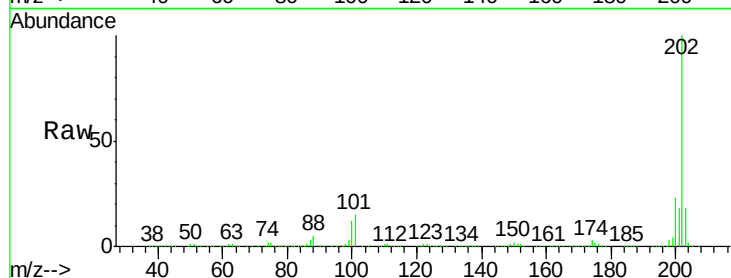
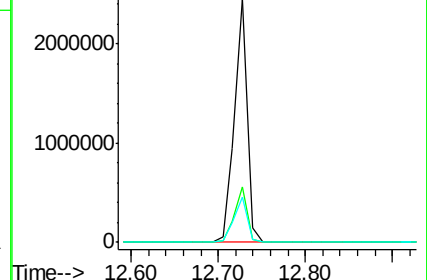
Tot Ion:202 Resp: 2485070

Ion	Ratio	Lower	Upper
202	100		
200	22.8	17.7	26.5
203	18.5	14.7	22.1

Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 86.08 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF091743.D

Acq: 18 Dec 2016 18:24

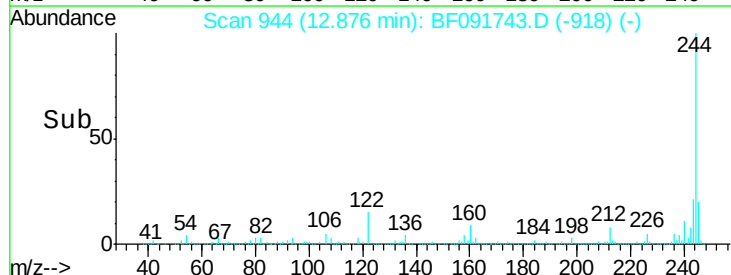
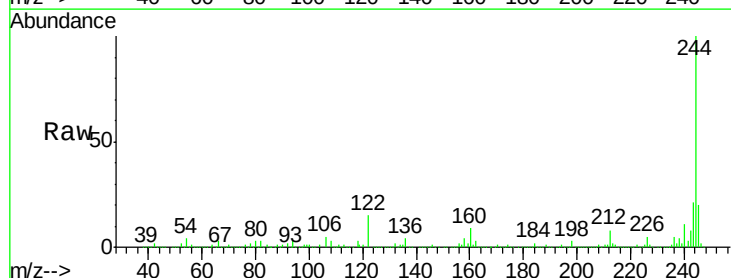
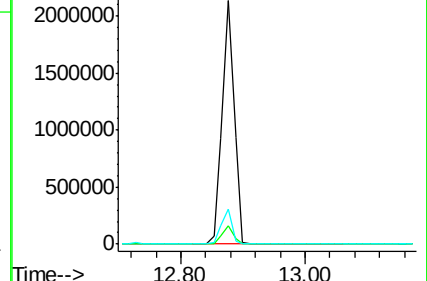
Tgt Ion:244 Resp: 2818235

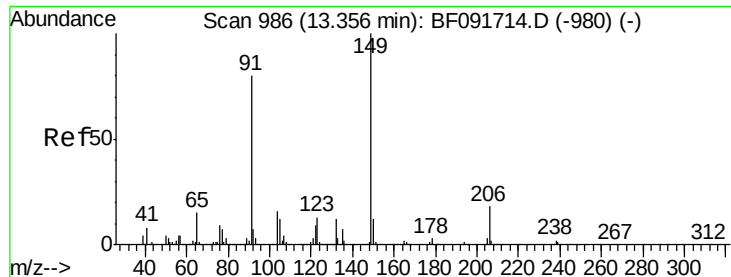
Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	14.6	11.4	17.2

Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

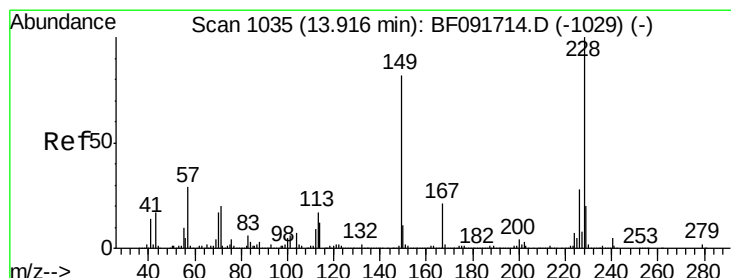
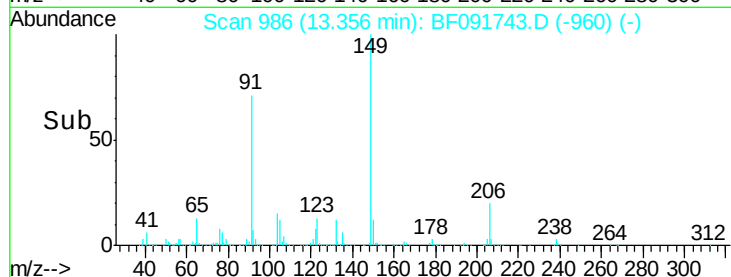
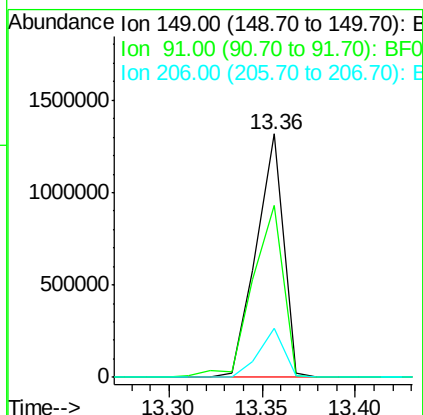
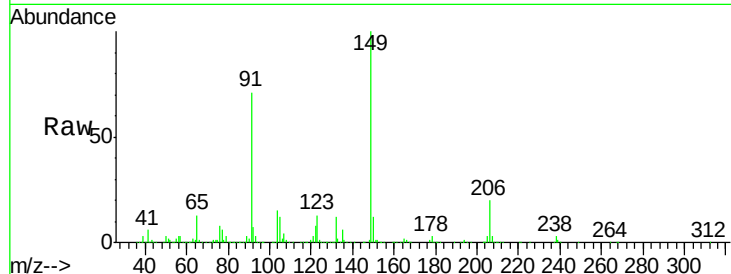




#79
Butylbenzylphthalate
Concen: 47.72 ng
RT: 13.36 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF091743.D
Acq: 18 Dec 2016 18:24

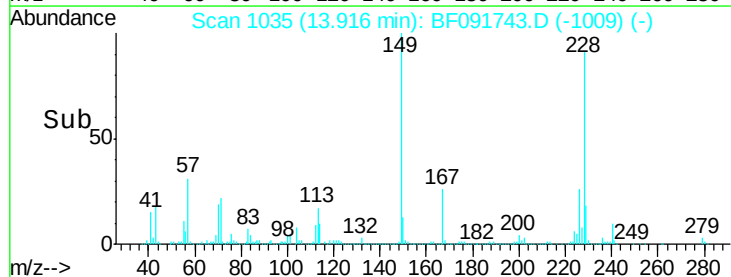
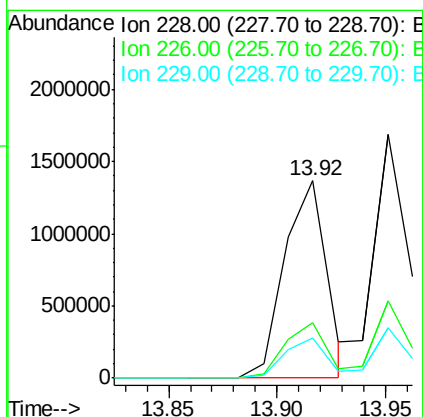
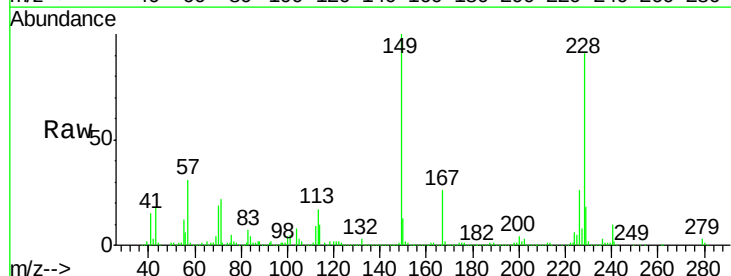
Instrument :
BNA_F
ClientSampleId :
TP20-COMP6MS

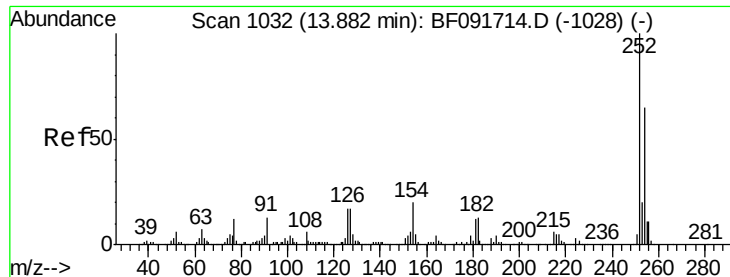
Tot Ion:149 Resp: 1333234
Ion Ratio Lower Upper
149 100
91 70.6 63.9 95.9
206 20.1 14.6 21.8



#80
Benzo(a)anthracene
Concen: 39.16 ng
RT: 13.92 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF091743.D
Acq: 18 Dec 2016 18:24

Tgt Ion:228 Resp: 1851666
Ion Ratio Lower Upper
228 100
226 28.3 22.4 33.6
229 20.2 16.2 24.4

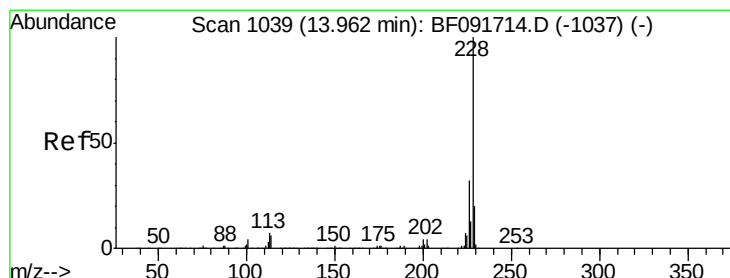
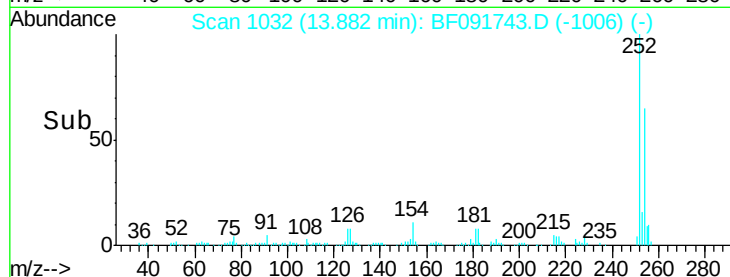
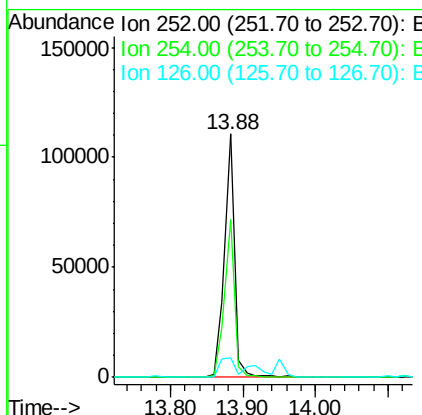
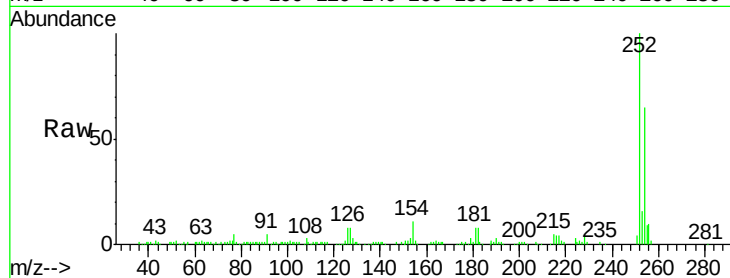




#81
 3,3'-Dichlorobenzidine
 Concen: 5.82 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BF091743.D
 Acq: 18 Dec 2016 18:24

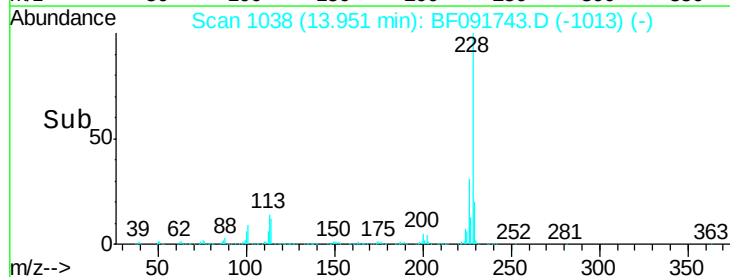
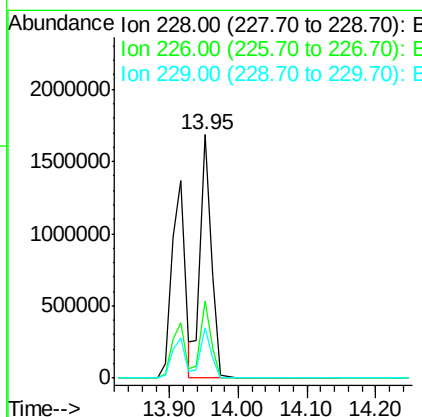
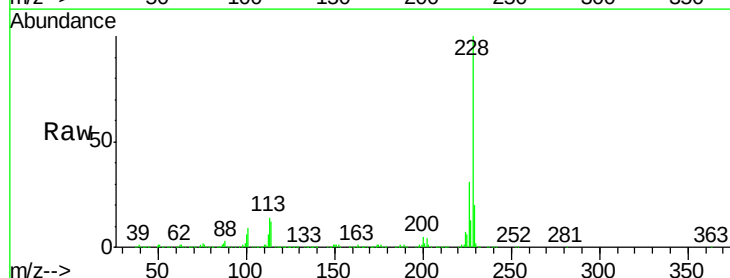
Instrument :
 BNA_F
 ClientSampleId :
 TP20-COMP6MS

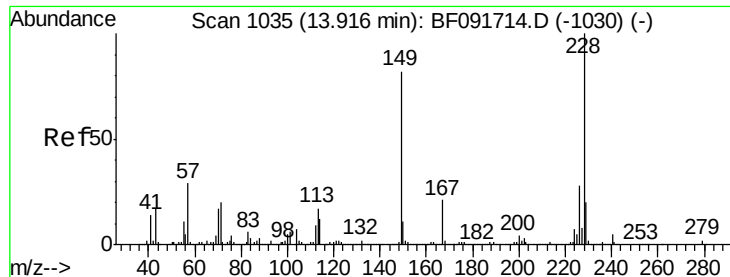
Tot Ion:252 Resp: 110074
 Ion Ratio Lower Upper
 252 100
 254 65.0 52.3 78.5
 126 8.3 13.6 20.4#



#82
 Chrysene
 Concen: 37.90 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF091743.D
 Acq: 18 Dec 2016 18:24

Tgt Ion:228 Resp: 1857522
 Ion Ratio Lower Upper
 228 100
 226 31.5 25.4 38.0
 229 20.4 16.2 24.2

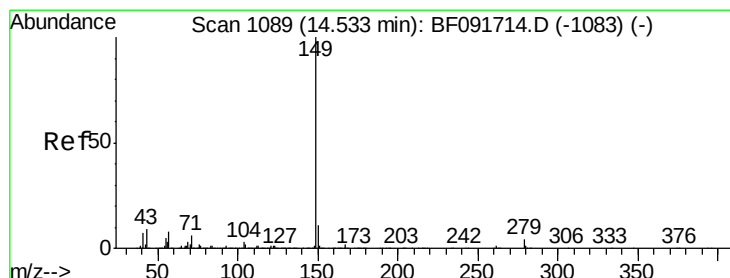
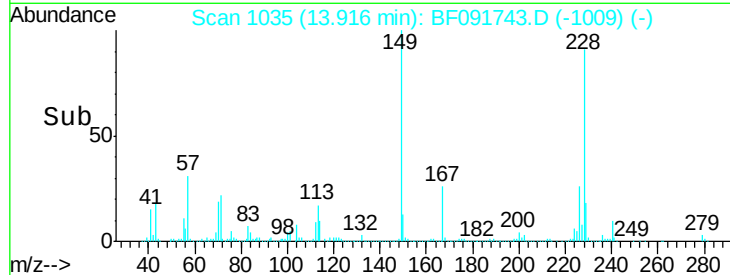
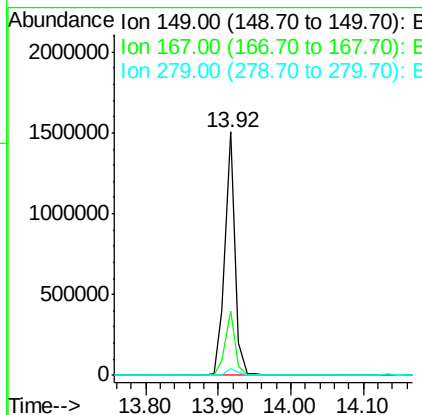
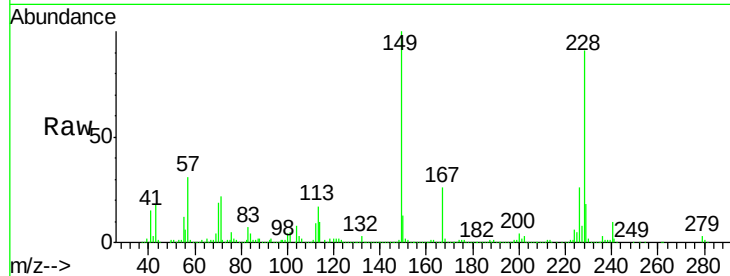




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.37 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF091743.D
 Acq: 18 Dec 2016 18:24

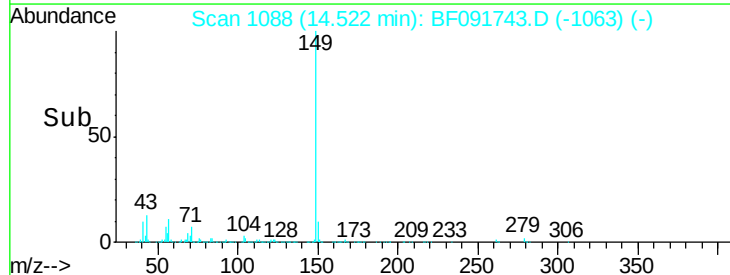
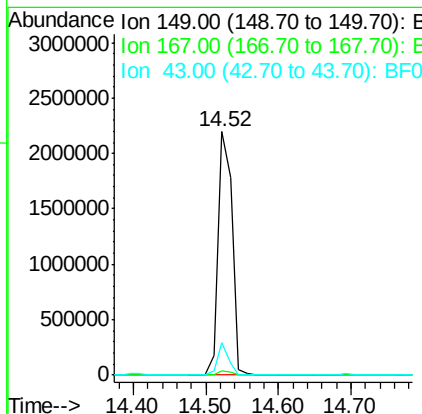
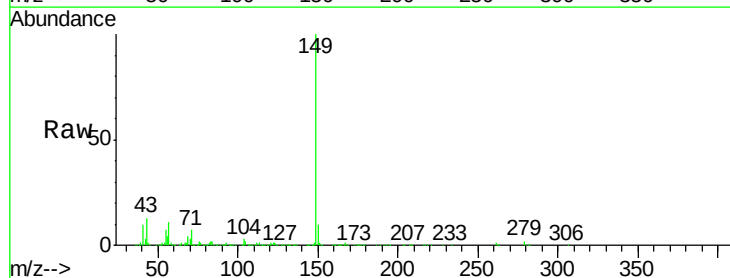
Instrument :
 BNA_F
 ClientSampleId :
 TP20-COMP6MS

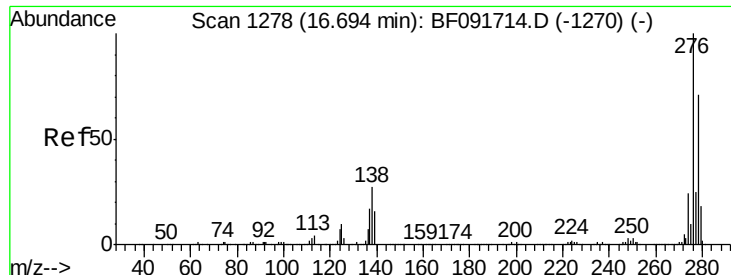
Tot Ion:149 Resp: 1466226
 Ion Ratio Lower Upper
 149 100
 167 26.3 20.2 30.4
 279 3.0 1.8 2.8#



#84
 Di-n-octyl phthalate
 Concen: 44.58 ng
 RT: 14.52 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: BF091743.D
 Acq: 18 Dec 2016 18:24

Tgt Ion:149 Resp: 2911347
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 10.5 8.9 13.3



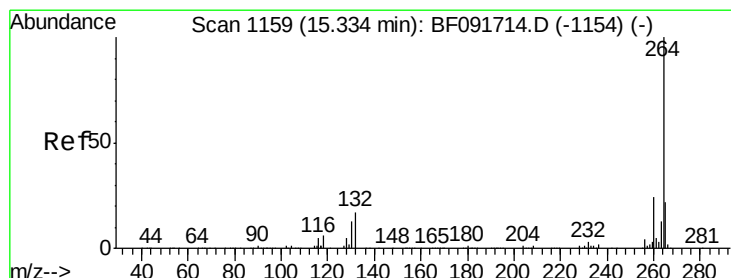
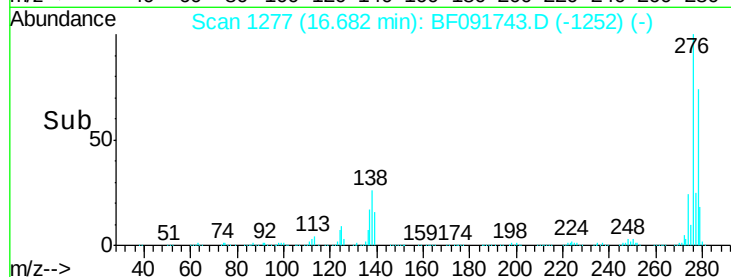
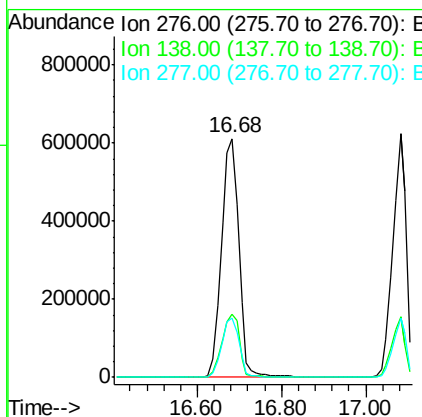
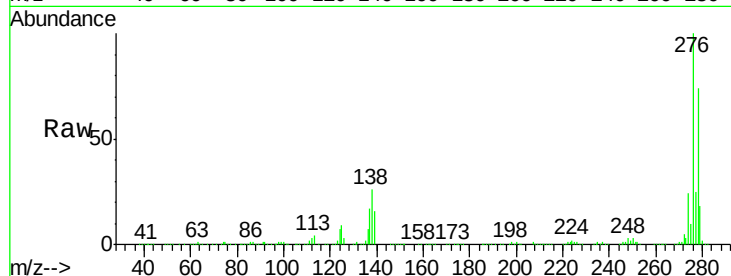


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.68 ng
 RT: 16.68 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: BF091743.D
 Acq: 18 Dec 2016 18:24

Instrument :
 BNA_F
 ClientSampleId :
 TP20-COMP6MS

Tot Ion:276 Resp: 1767442

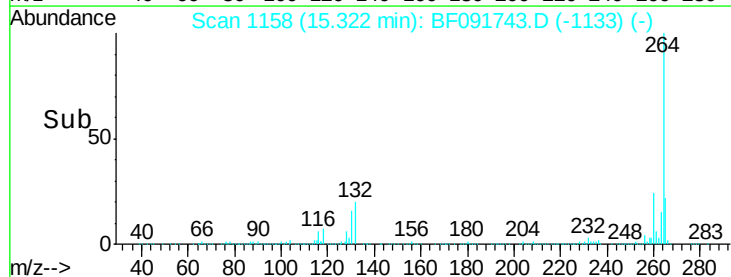
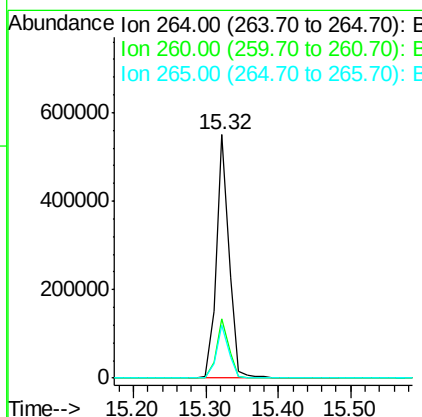
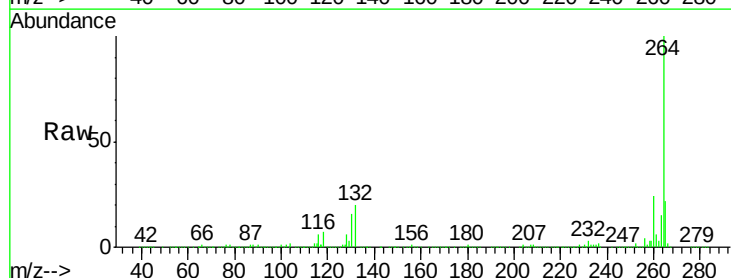
Ion	Ratio	Lower	Upper
276	100		
138	27.0	21.8	32.6
277	25.1	20.2	30.4

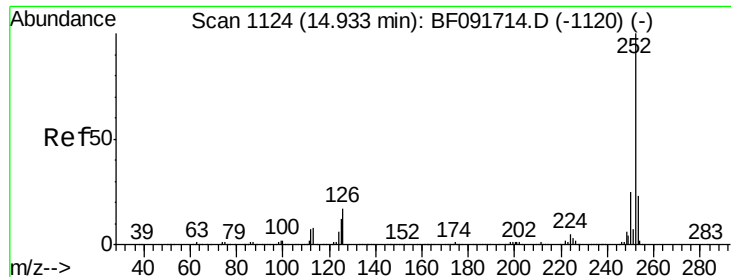


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1158
 Delta R.T. -0.01 min
 Lab File: BF091743.D
 Acq: 18 Dec 2016 18:24

Tgt Ion:264 Resp: 665667

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.7	17.4	26.0

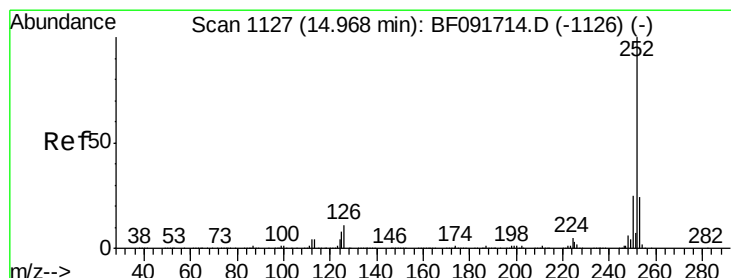
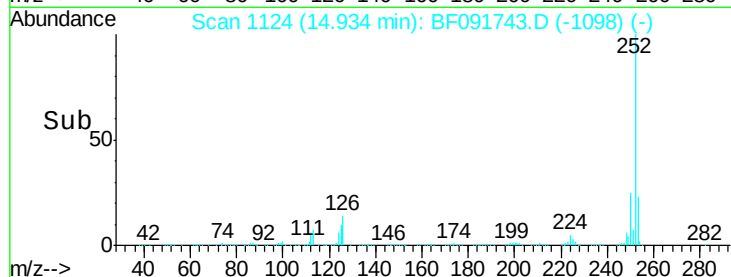
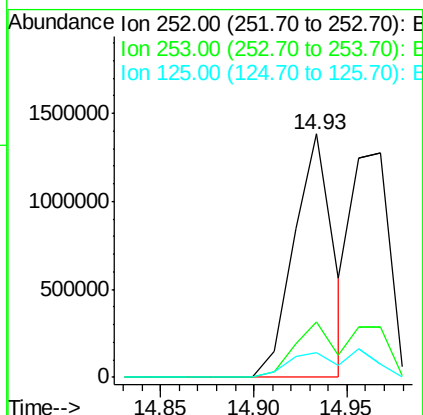
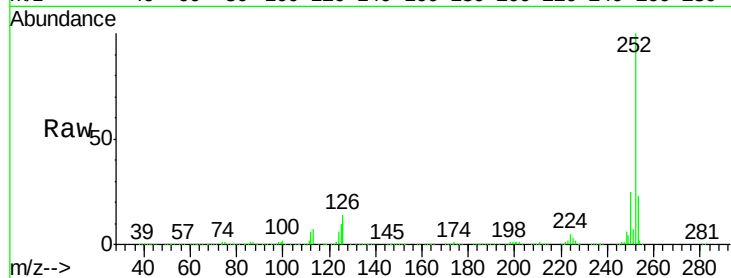




#87
Benzo(b)fluoranthene
Concen: 47.81 ng
RT: 14.93 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BF091743.D
Acq: 18 Dec 2016 18:24

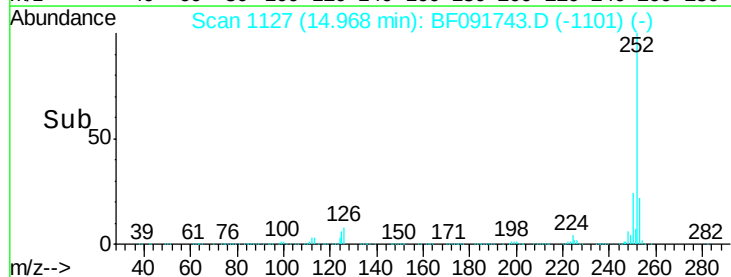
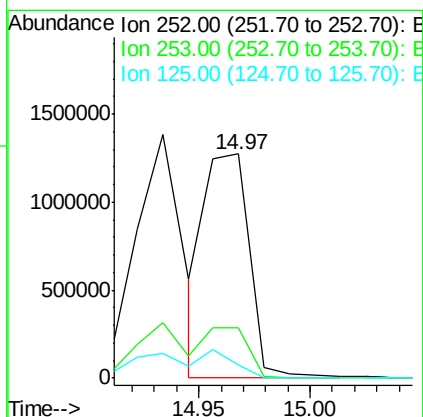
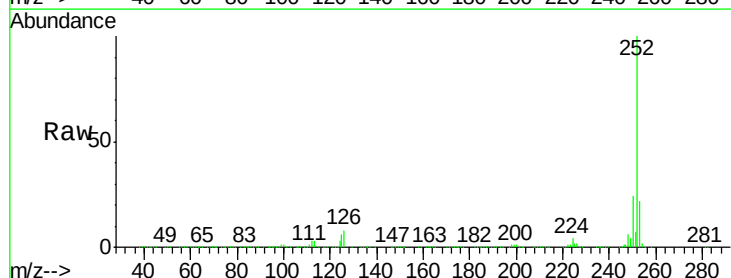
Instrument :
BNA_F
ClientSampleId :
TP20-COMP6MS

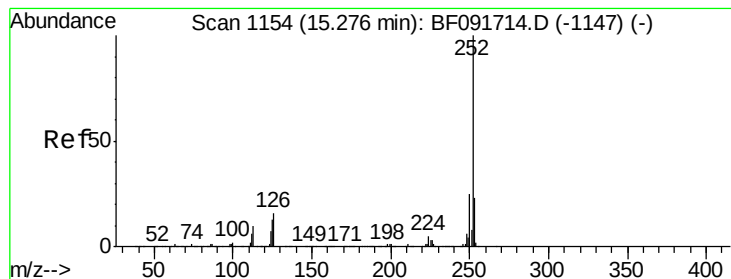
Tot Ion:252 Resp: 2017891
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.4
125 10.3 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 60.67 ng m
RT: 14.97 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF091743.D
Acq: 18 Dec 2016 18:24

Tgt Ion:252 Resp: 1796817
Ion Ratio Lower Upper
252 100
253 22.3 18.5 27.7
125 5.7 8.9 13.3#





#89

Benzo(a)pyrene

Concen: 49.52 ng

RT: 15.28 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF091743.D

Acq: 18 Dec 2016 18:24

Instrument :

BNA_F

ClientSampleId :

TP20-COMP6MS

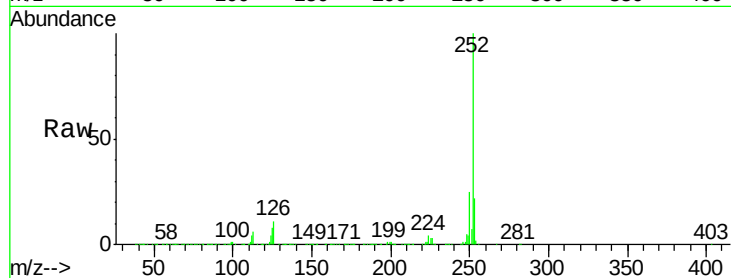
Tot Ion:252 Resp: 1794096

Ion Ratio Lower Upper

252 100

253 22.0 18.2 27.2

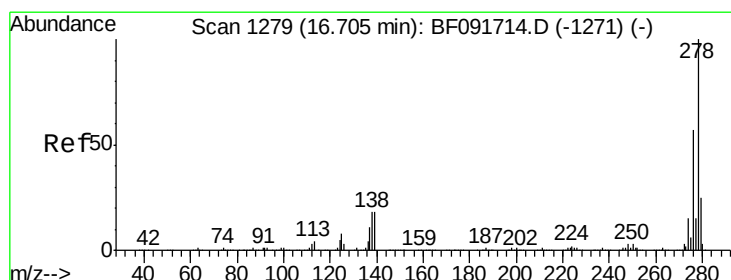
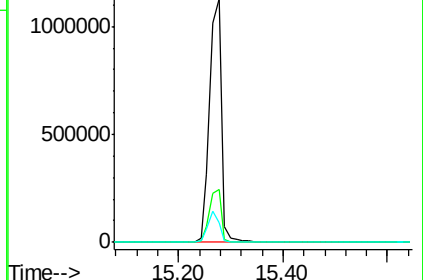
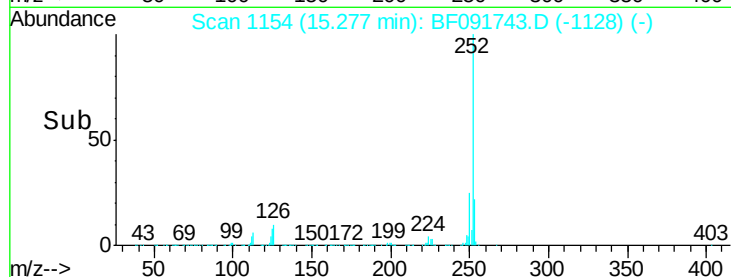
125 8.3 10.0 15.0#



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



#90

Dibenzo(a,h)anthracene

Concen: 45.66 ng

RT: 16.69 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF091743.D

Acq: 18 Dec 2016 18:24

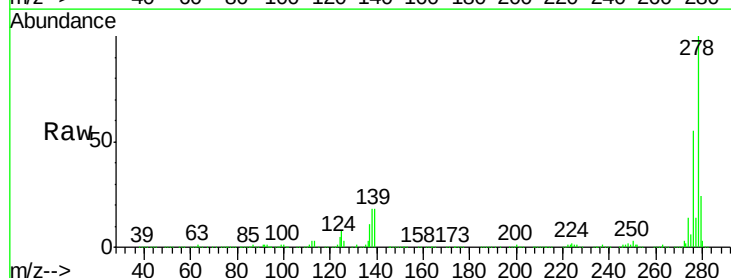
Tgt Ion:278 Resp: 1441980

Ion Ratio Lower Upper

278 100

139 18.0 14.8 22.2

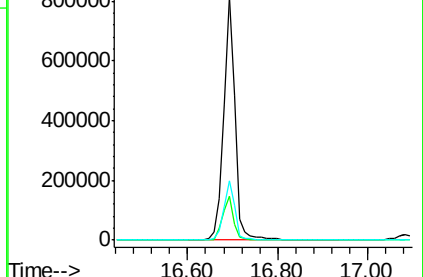
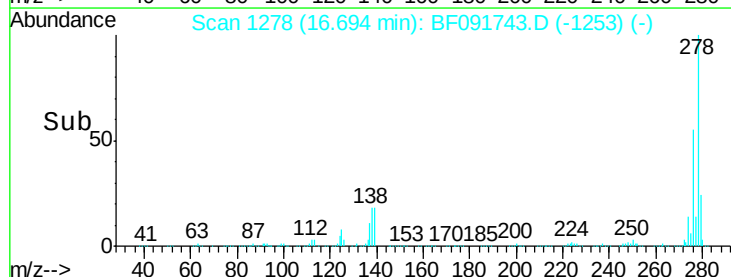
279 24.4 19.8 29.6

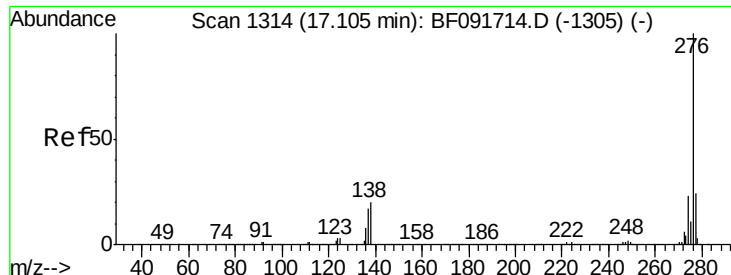


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 45.12 ng

RT: 17.08 min Scan# 1312

Delta R.T. -0.02 min

Lab File: BF091743.D

Acq: 18 Dec 2016 18:24

Instrument :

BNA_F

ClientSampleId :

TP20-COMP6MS

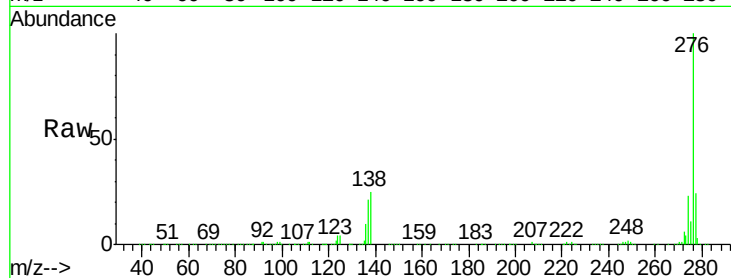
Tot Ion:276 Resp: 1448192

Ion Ratio Lower Upper

276 100

277 24.1 19.2 28.8

138 24.7 16.0 24.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

