

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\
 Data File : BF091744.D
 Acq On : 18 Dec 2016 18:52
 Operator : UM/SJ
 Sample : H6057-04MSD
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP20-COMP6MSD

Quant Time: Dec 19 16:39:31 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	342255	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	1405007	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	771079	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	1153321	20.00	ng	0.00
75) Chrysene-d12	13.93	240	871180	20.00	ng	0.00
86) Perylene-d12	15.32	264	738918	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	2575783	126.09	ng	0.03
7) Phenol-d6	6.43	99	2973238	119.34	ng	0.01
23) Nitrobenzene-d5	7.34	82	2193434	90.03	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	729857	111.63	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	3427596	89.30	ng	0.00
78) Terphenyl-d14	12.88	244	2851986	82.66	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	389384m	38.70	ng	
3) Pyridine	3.22	79	974582m	30.07	ng	
4) n-Nitrosodimethylamine	3.15	42	550202	43.86	ng	96
6) Aniline	6.44	93	768912	23.99	ng	# 34
8) 2-Chlorophenol	6.57	128	932340	41.46	ng	89
9) Benzaldehyde	6.32	77	80743	3.49	ng	97
10) Phenol	6.44	94	1266657	45.11	ng	78
11) bis(2-Chloroethyl)ether	6.52	93	1097709	48.94	ng	92
12) 1,3-Dichlorobenzene	6.72	146	958897	38.83	ng	100
13) 1,4-Dichlorobenzene	6.78	146	909186	36.39	ng	99
14) 1,2-Dichlorobenzene	6.94	146	907080	41.44	ng	98
15) Benzyl Alcohol	6.92	79	829612	43.01	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	1409781	41.14	ng	97
17) 2-Methylphenol	7.05	107	843235	44.87	ng	94
18) Hexachloroethane	7.28	117	373147	40.20	ng	# 86
19) n-Nitroso-di-n-propylamine	7.20	70	748876	45.19	ng	99
20) 3+4-Methylphenols	7.20	107	941058	44.90	ng	98
22) Acetophenone	7.18	105	1438433	42.40	ng	# 97
24) Nitrobenzene	7.36	77	988693	37.79	ng	98
25) Isophorone	7.61	82	2157682	46.42	ng	100
26) 2-Nitrophenol	7.68	139	574253	45.50	ng	96
27) 2,4-Dimethylphenol	7.72	122	931103	45.22	ng	99
28) bis(2-Chloroethoxy)methane	7.81	93	1278334	47.00	ng	99
29) 2,4-Dichlorophenol	7.92	162	859144	45.24	ng	88
30) 1,2,4-Trichlorobenzene	8.00	180	843930	41.01	ng	# 95
31) Naphthalene	8.08	128	2611095	38.90	ng	100
32) Benzoic acid	7.87	122	673689	45.91	ng	99
33) 4-Chloroaniline	8.13	127	555483	19.65	ng	95
34) Hexachlorobutadiene	8.20	225	483428	41.78	ng	99
35) Caprolactam	8.52	113	256305m	41.95	ng	
36) 4-Chloro-3-methylphenol	8.62	107	912519	43.56	ng	99
37) 2-Methylnaphthalene	8.77	142	1975222	46.68	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	733597	38.17	ng	98
40) Hexachlorocyclopentadiene	8.92	237	709525	87.10	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	608610	44.32	nq	99
43) 2,4,5-Trichlorophenol	9.10	196	564032m	41.81	nq	
45) 1,1'-Biphenyl	9.24	154	2345972	42.45	nq	99
46) 2-Chloronaphthalene	9.26	162	1781017	43.12	nq	98
47) 2-Nitroaniline	9.36	65	557511	39.54	nq	99
48) Acenaphthylene	9.68	152	2689805	42.03	nq	100
49) Dimethylphthalate	9.55	163	2214670	43.97	nq	99
50) 2,6-Dinitrotoluene	9.61	165	542572	49.13	nq	95
51) Acenaphthene	9.85	154	1869843	42.57	nq	99
52) 3-Nitroaniline	9.77	138	289737	21.07	nq	100
53) 2,4-Dinitrophenol	9.88	184	528125	88.53	nq	# 64
54) Dibenzofuran	10.02	168	2312277	44.27	nq	99
55) 4-Nitrophenol	9.95	139	642680	67.31	nq	99
56) 2,4-Dinitrotoluene	10.01	165	545706	39.56	nq	# 85
57) Fluorene	10.36	166	1845195	45.49	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.13	232	460120	41.25	nq	100
59) Diethylphthalate	10.25	149	2183469	44.10	nq	96
60) 4-Chlorophenyl-phenylether	10.35	204	734967	39.77	nq	98
61) 4-Nitroaniline	10.40	138	531491	40.80	nq	88
62) Azobenzene	10.51	77	2216840	42.08	nq	99
64) 4,6-Dinitro-2-methylphenol	10.42	198	366652	48.20	nq	73
65) n-Nitrosodiphenylamine	10.48	169	1609763	44.95	nq	100
66) 4-Bromophenyl-phenylether	10.84	248	563003	46.55	nq	94
67) Hexachlorobenzene	10.91	284	606701	47.87	nq	# 91
68) Atrazine	11.00	200	234600	21.68	nq	98
69) Pentachlorophenol	11.10	266	628297	91.88	nq	99
70) Phenanthrene	11.32	178	2844206m	49.35	nq	
71) Anthracene	11.37	178	2501744m	40.99	nq	
72) Carbazole	11.53	167	2564765	48.05	nq	99
73) Di-n-butylphthalate	11.86	149	2818808	41.19	nq	100
74) Fluoranthene	12.50	202	2426145	40.31	nq	99
76) Benzidine	12.63	184	174197	6.95	nq	96
77) Pyrene	12.73	202	2461818	39.13	nq	99
79) Butylbenzylphthalate	13.36	149	1407455	47.80	nq	90
80) Benzo(a)anthracene	13.92	228	1886656	37.86	nq	99
81) 3,3'-Dichlorobenzidine	13.88	252	494115	24.78	nq	# 96
82) Chrysene	13.95	228	1937831	37.52	nq	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	1525676	40.85	nq	# 98
84) Di-n-octyl phthalate	14.52	149	2981798	43.32	nq	99
85) Indeno(1,2,3-cd)pyrene	16.68	276	1882765	37.07	nq	99
87) Benzo(b)fluoranthene	14.93	252	2121017	45.27	nq	98
88) Benzo(k)fluoranthene	14.97	252	1935972m	58.89	nq	
89) Benzo(a)pyrene	15.28	252	1921964	47.79	nq	# 97
90) Dibenzo(a,h)anthracene	16.69	278	1550974	44.25	nq	99
91) Benzo(g,h,i)perylene	17.08	276	1544847	43.36	nq	# 95

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

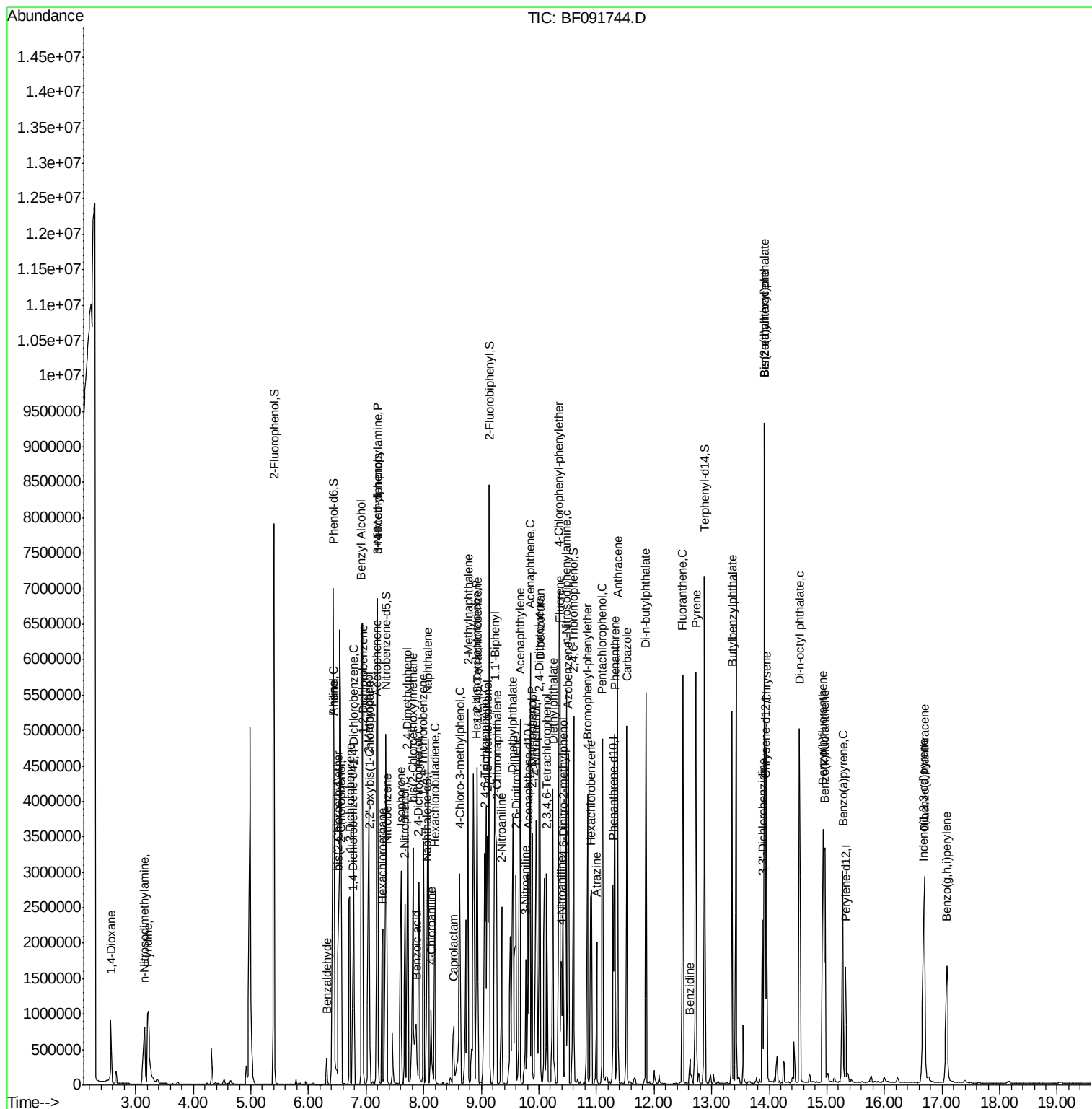
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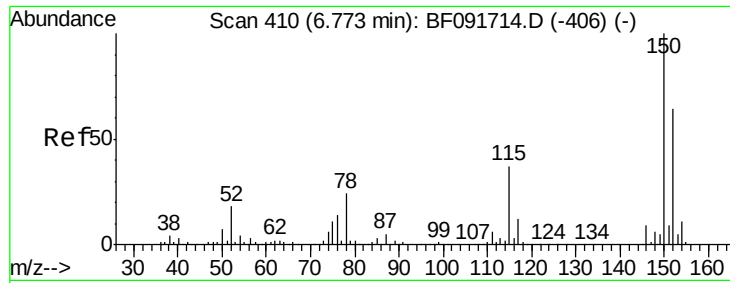
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF091744.D

Acq: 18 Dec 2016 18:52

Instrument :

BNA_F

ClientSampleId :

TP20-COMP6MSD

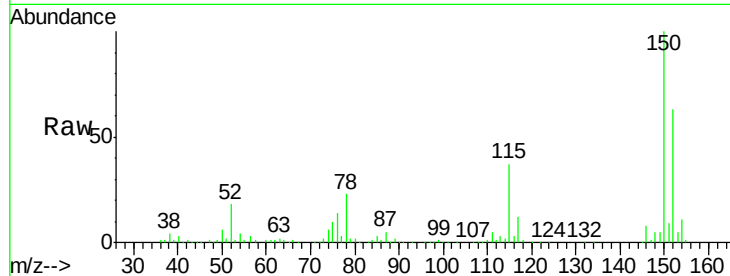
Tot Ion:152 Resp: 342255

Ion Ratio Lower Upper

152 100

150 157.9 124.9 187.3

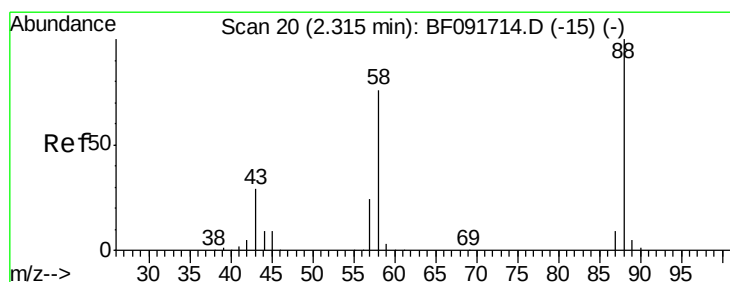
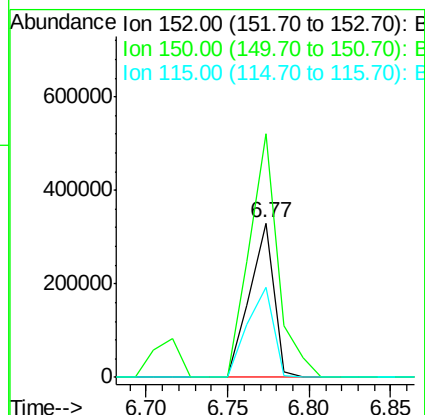
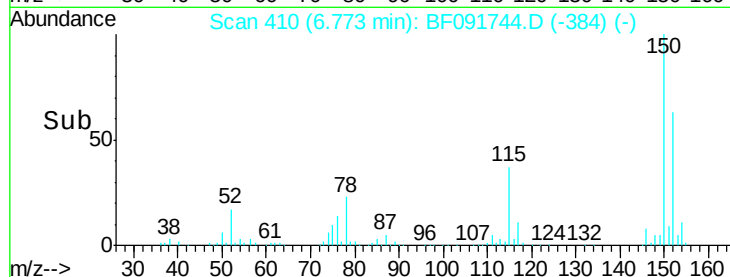
115 58.5 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 38.70 ng m

RT: 2.57 min Scan# 42

Delta R.T. 0.25 min

Lab File: BF091744.D

Acq: 18 Dec 2016 18:52

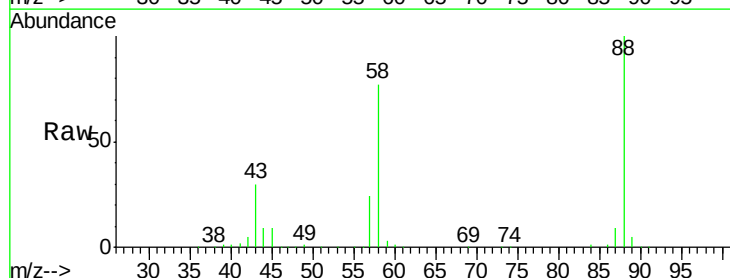
Tgt Ion: 88 Resp: 389384

Ion Ratio Lower Upper

88 100

58 0.0 57.8 86.8#

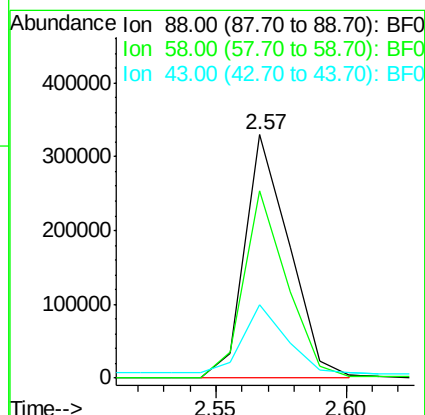
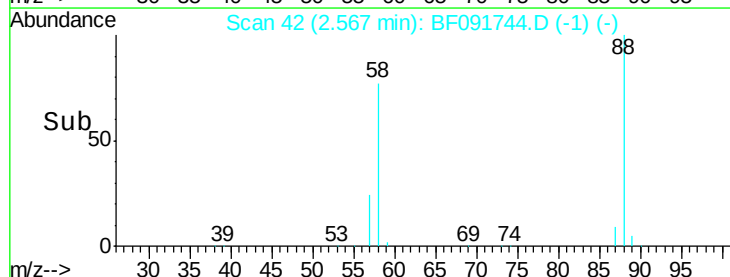
43 0.0 22.3 33.5#

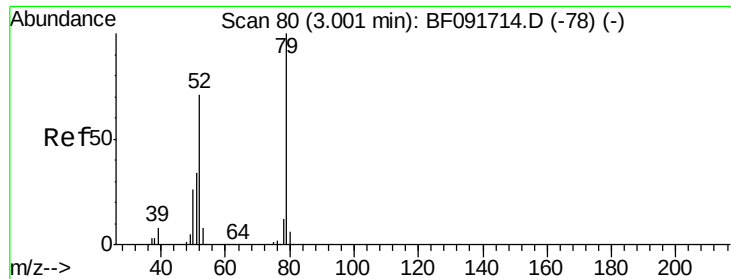


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0



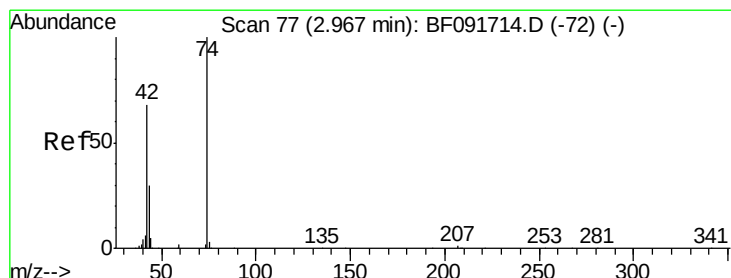
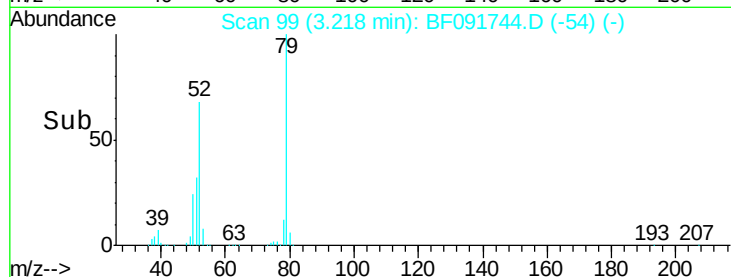
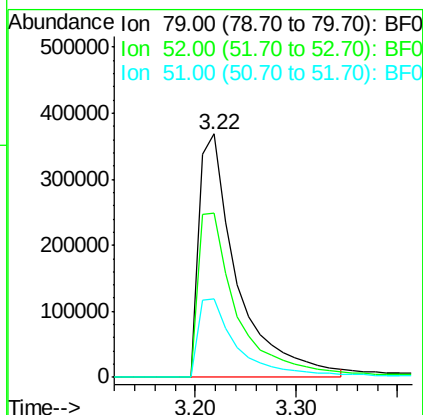
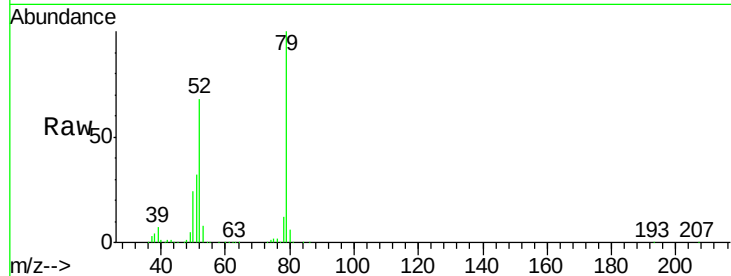


#3
 Pvridine
 Concen: 30.07 ng/ml
 RT: 3.22 min Scan# 99
 Delta R.T. 0.22 min
 Lab File: BF091744.D
 Acq: 18 Dec 2016 18:52

Instrument :
 BNA_F
 ClientSampleId :
 TP20-COMP6MSD

Tot Ion: 79 Resp: 974582

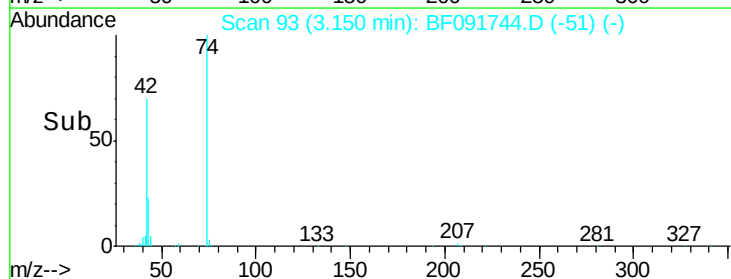
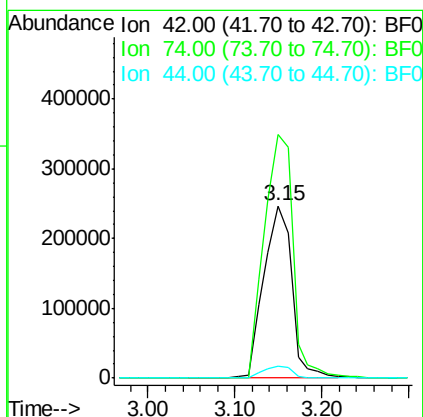
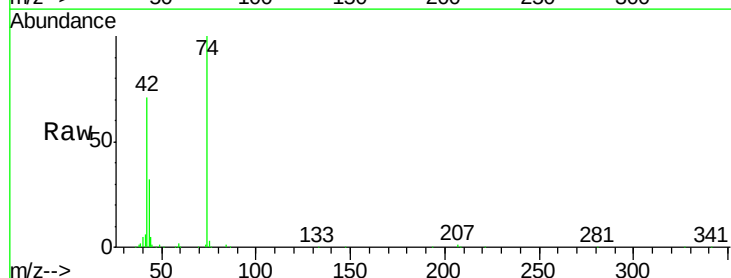
Ion	Ratio	Lower	Upper
79	100		
52	67.7	57.1	85.7
51	32.3	27.3	40.9

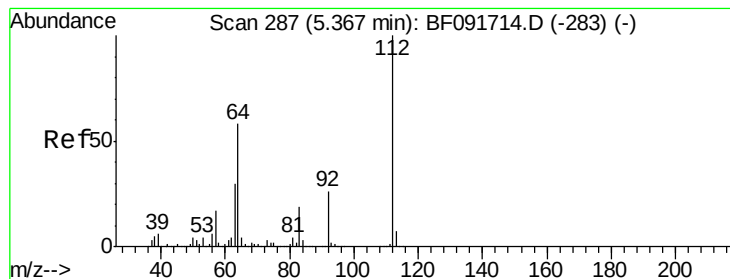


#4
 n-Nitrosodimethylamine
 Concen: 43.86 ng/ml
 RT: 3.15 min Scan# 93
 Delta R.T. 0.18 min
 Lab File: BF091744.D
 Acq: 18 Dec 2016 18:52

Tgt Ion: 42 Resp: 550202

Ion	Ratio	Lower	Upper
42	100		
74	141.1	117.0	175.4
44	7.1	5.5	8.3





#5

2-Fluorophenol

Concen: 126.09 ng

RT: 5.40 min Scan# 290

Delta R.T. 0.03 min

Lab File: BF091744.D

Acq: 18 Dec 2016 18:52

Instrument :

BNA_F

ClientSampleId :

TP20-COMP6MSD

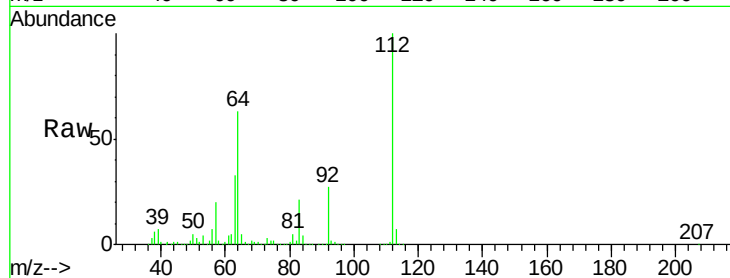
Tot Ion:112 Resp: 2575783

Ion Ratio Lower Upper

112 100

64 63.4 46.1 69.1

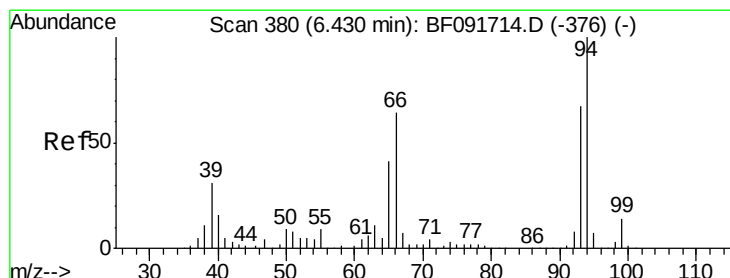
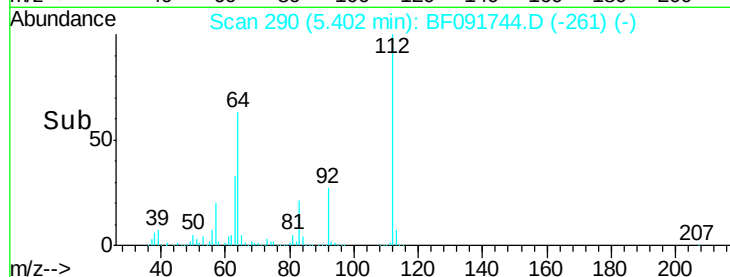
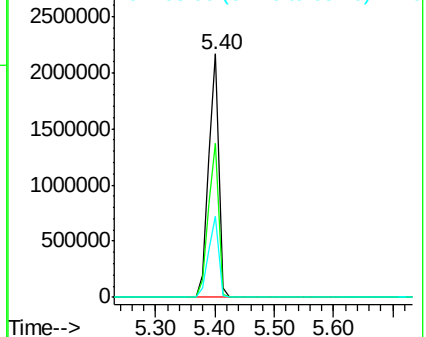
63 33.4 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 23.99 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.01 min

Lab File: BF091744.D

Acq: 18 Dec 2016 18:52

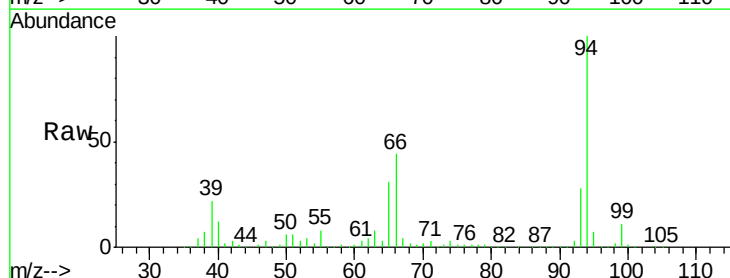
Tgt Ion: 93 Resp: 768912

Ion Ratio Lower Upper

93 100

66 159.4 76.2 114.2#

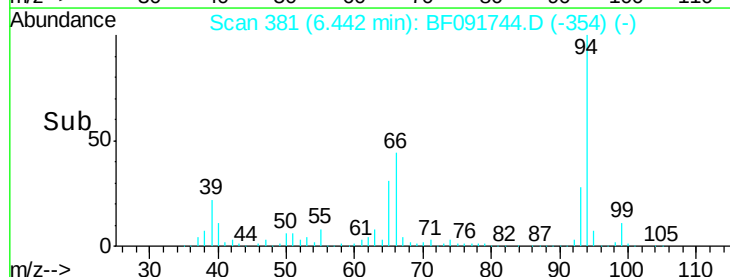
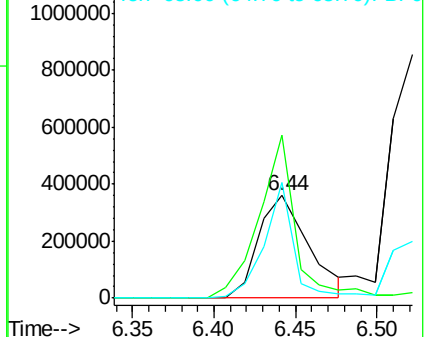
65 112.6 49.3 73.9#

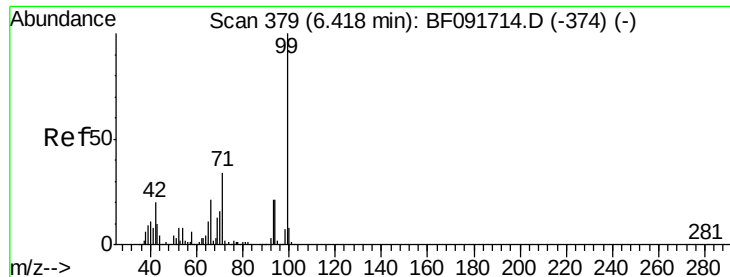


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 119.34 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.01 min

Lab File: BF091744.D

Acq: 18 Dec 2016 18:52

Instrument :

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ClientSampleId :

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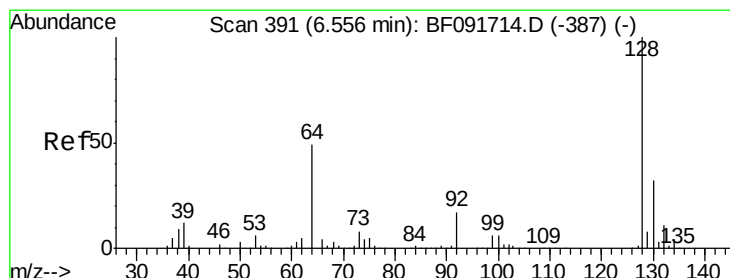
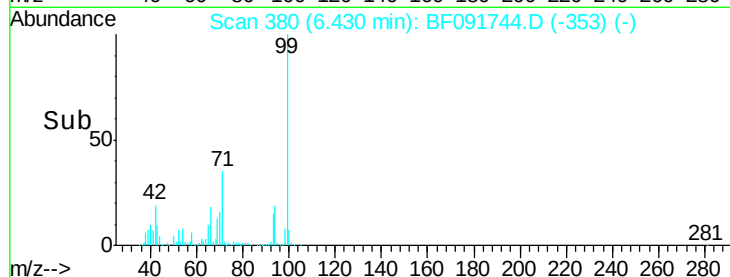
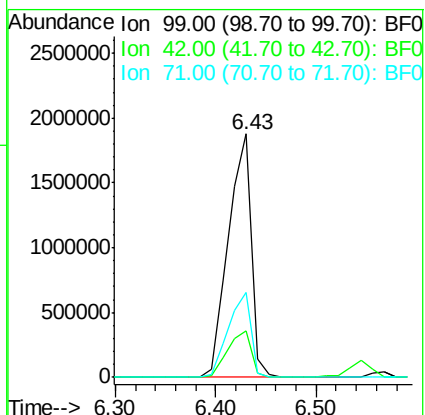
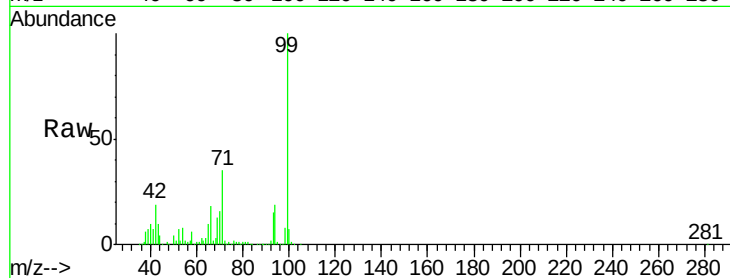
Tot Ion: 99 Resp: 2973238

Ion Ratio Lower Upper

99 100

42 19.0 15.6 23.4

71 35.0 27.5 41.3



#8

2-Chlorophenol

Concen: 41.46 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.01 min

Lab File: BF091744.D

Acq: 18 Dec 2016 18:52

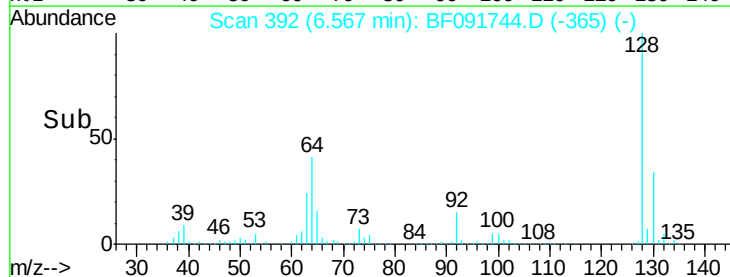
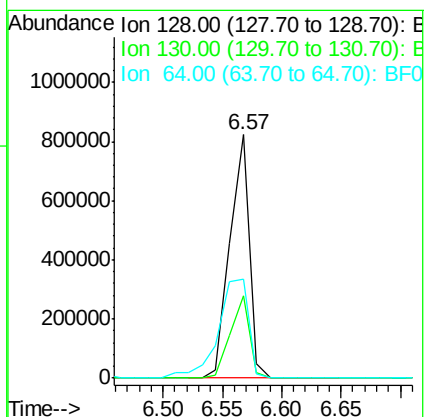
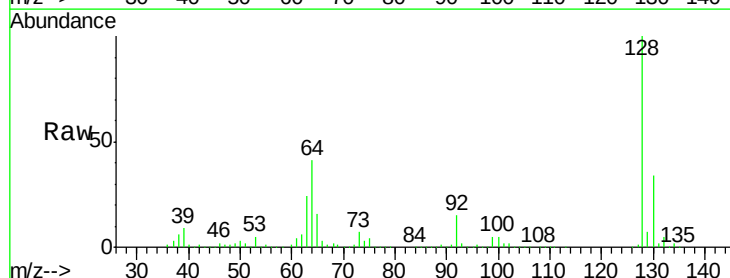
Tgt Ion: 128 Resp: 932340

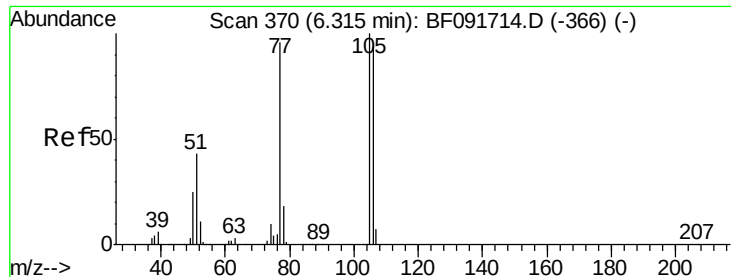
Ion Ratio Lower Upper

128 100

130 33.8 12.3 52.3

64 40.7 32.2 72.2





#9

Benzaldehyde

Concen: 3.49 ng

RT: 6.32 min Scan# 370

Delta R.T. 0.00 min

Lab File: BF091744.D

Acq: 18 Dec 2016 18:52

Instrument :

BNA_F

ClientSampleId :

TP20-COMP6MSD

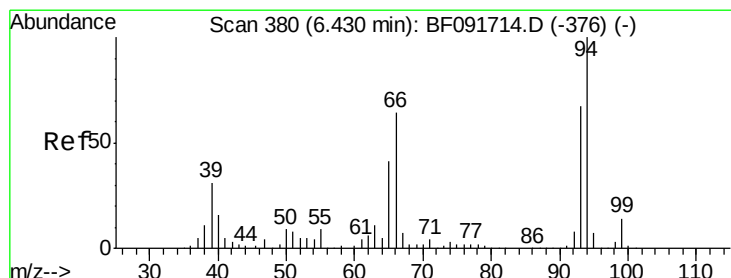
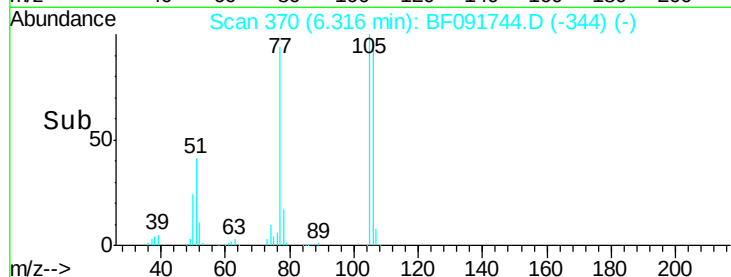
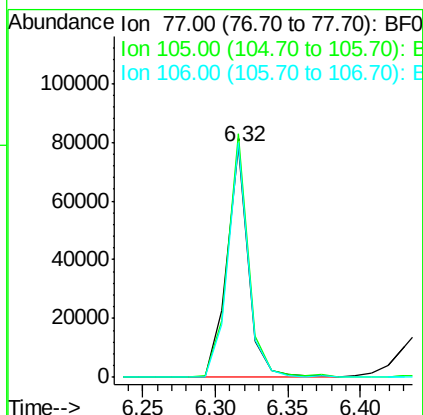
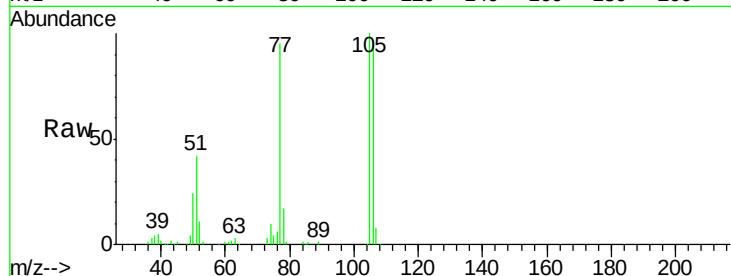
Tot Ion: 77 Resp: 80743

Ion Ratio Lower Upper

77 100

105 105.5 83.9 123.9

106 102.0 77.6 117.6



#10

Phenol

Concen: 45.11 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.01 min

Lab File: BF091744.D

Acq: 18 Dec 2016 18:52

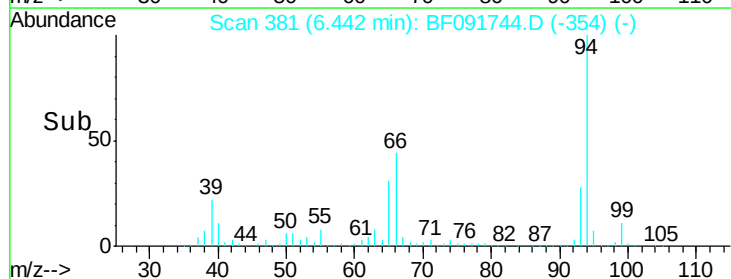
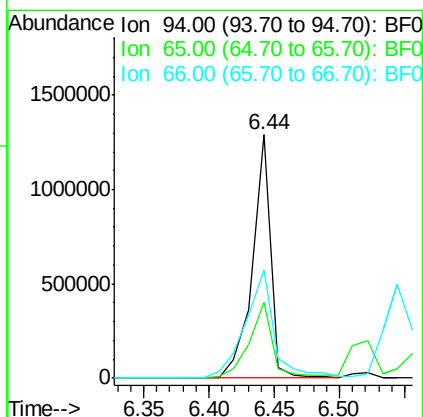
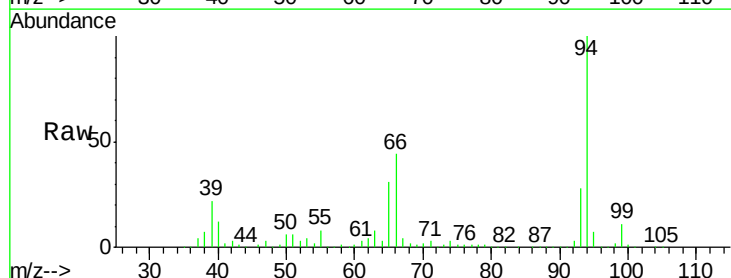
Tgt Ion: 94 Resp: 1266657

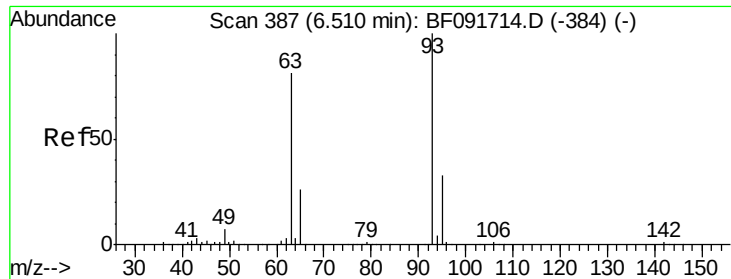
Ion Ratio Lower Upper

94 100

65 31.3 21.4 61.4

66 44.4 44.0 84.0





#11

bis(2-Chloroethyl)ether

Concen: 48.94 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.01 min

Lab File: BF091744.D

Acq: 18 Dec 2016 18:52

Instrument :

BNA_F

ClientSampleId :

TP20-COMP6MSD

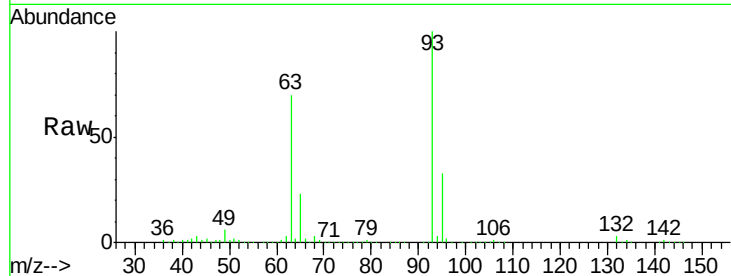
Tot Ion: 93 Resp: 1097709

Ion Ratio Lower Upper

93 100

63 70.1 60.4 100.4

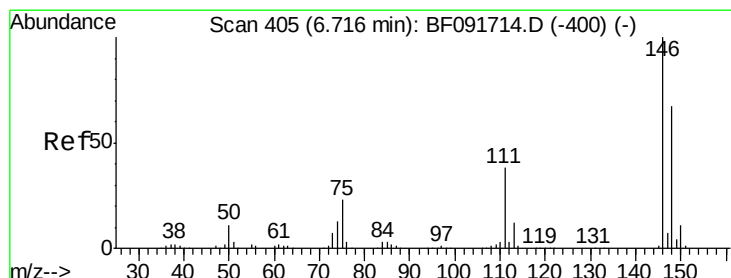
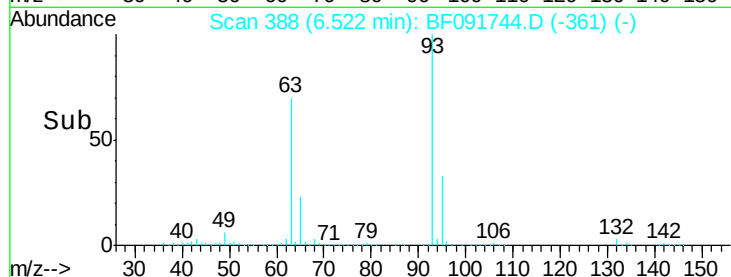
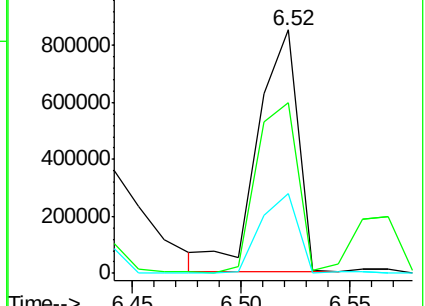
95 33.0 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 38.83 ng

RT: 6.72 min Scan# 405

Delta R.T. 0.00 min

Lab File: BF091744.D

Acq: 18 Dec 2016 18:52

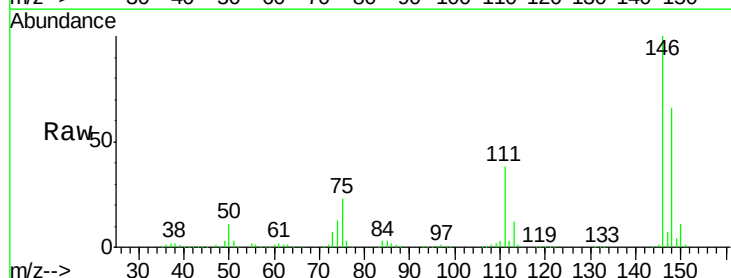
Tgt Ion: 146 Resp: 958897

Ion Ratio Lower Upper

146 100

148 66.4 53.4 80.0

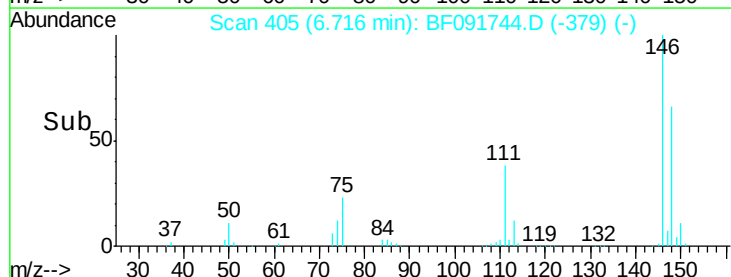
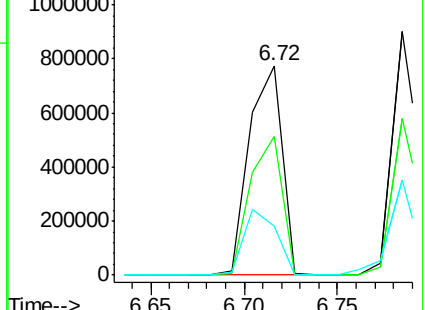
75 23.3 18.5 27.7

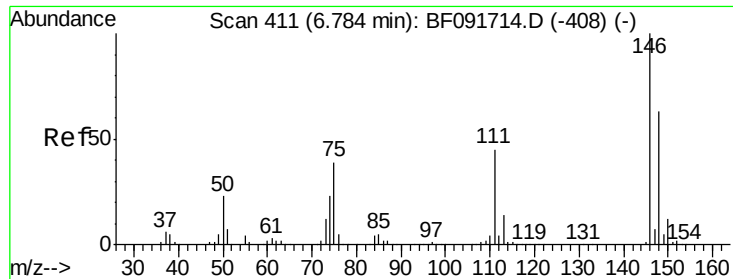


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

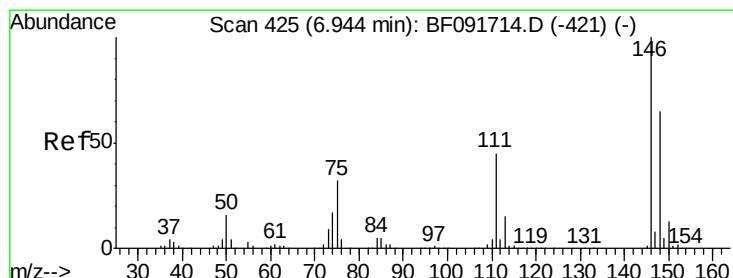
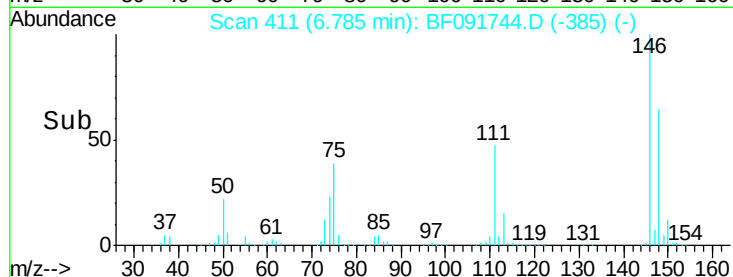
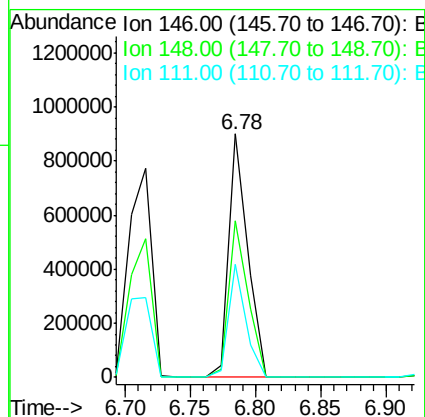
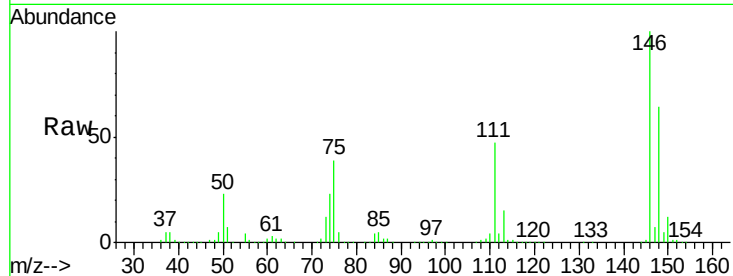




#13
 1,4-Dichlorobenzene
 Concen: 36.39 ng
 RT: 6.78 min Scan# 411
 Delta R.T. 0.00 min
 Lab File: BF091744.D
 Acq: 18 Dec 2016 18:52

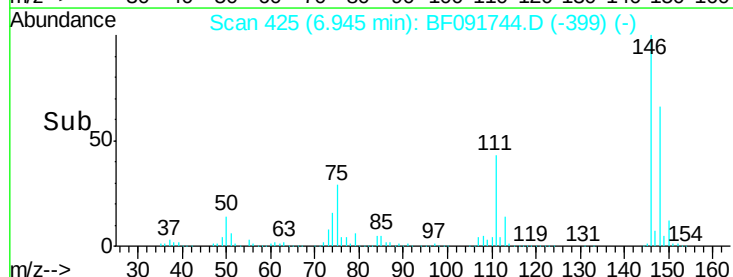
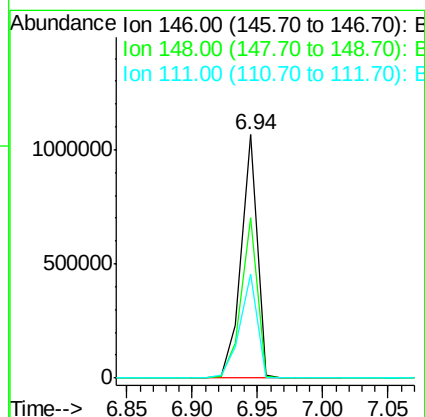
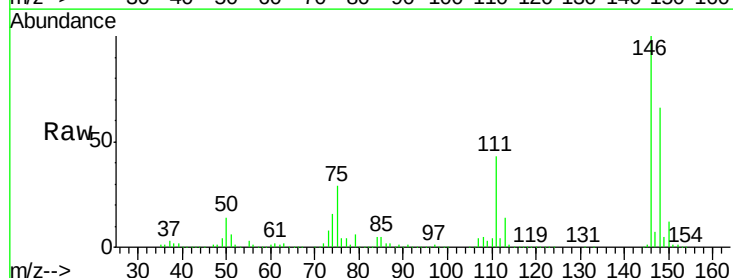
Instrument :
 BNA_F
 ClientSampleId :
 TP20-COMP6MSD

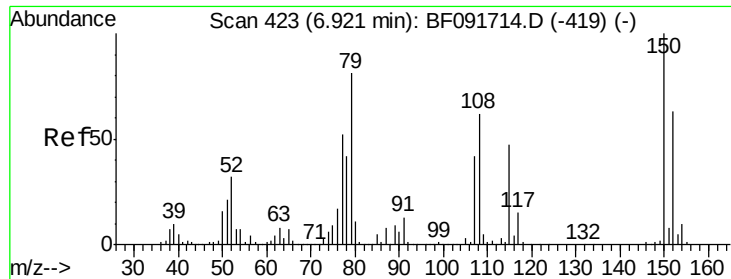
Tot Ion:146 Resp: 909186
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.6 76.0
 111 46.6 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 41.44 ng
 RT: 6.94 min Scan# 425
 Delta R.T. 0.00 min
 Lab File: BF091744.D
 Acq: 18 Dec 2016 18:52

Tgt Ion:146 Resp: 907080
 Ion Ratio Lower Upper
 146 100
 148 65.6 52.2 78.2
 111 43.0 36.2 54.2

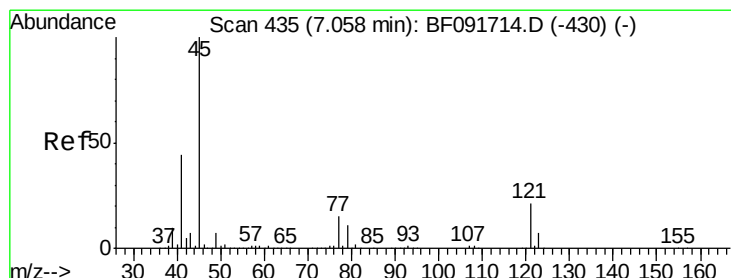
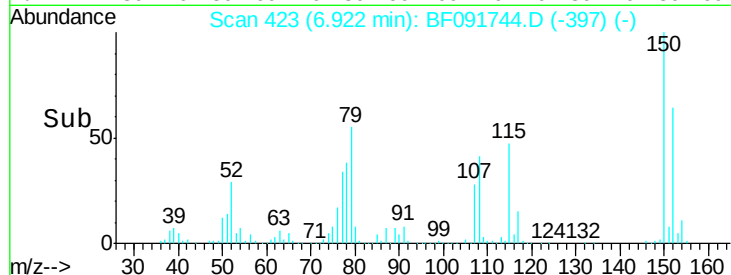
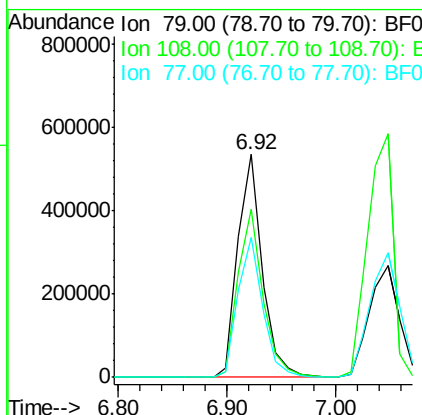
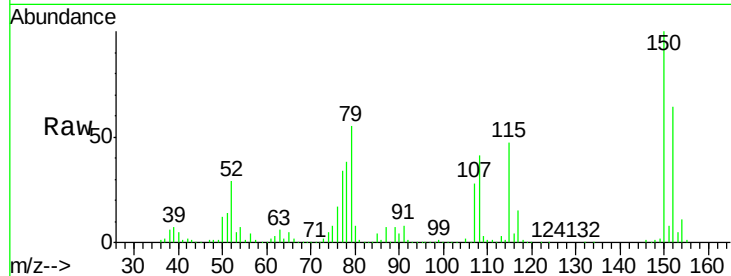




#15
Benzyl Alcohol
Concen: 43.01 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF091744.D
Acq: 18 Dec 2016 18:52

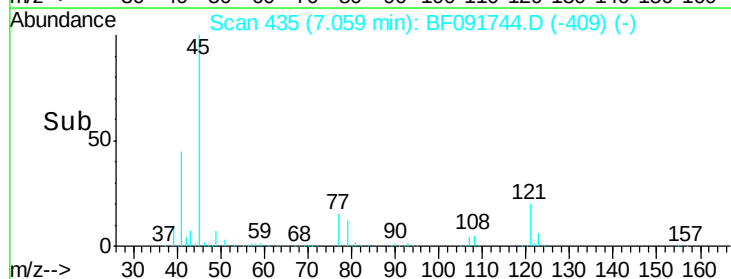
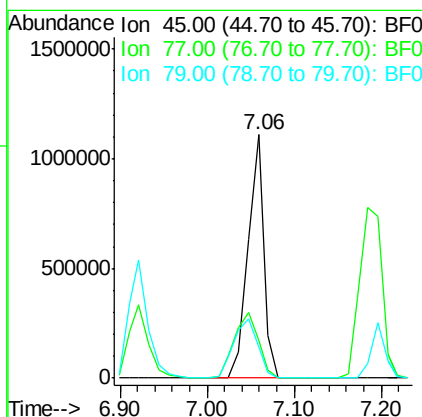
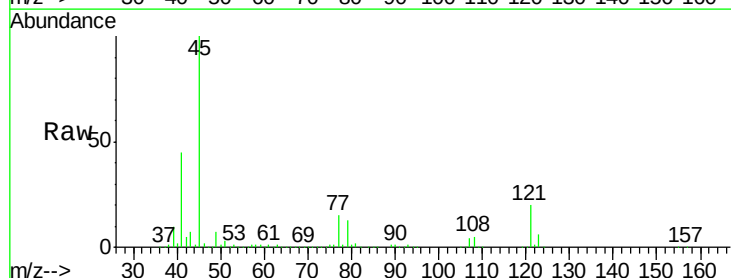
Instrument :
BNA_F
ClientSampleId :
TP20-COMP6MSD

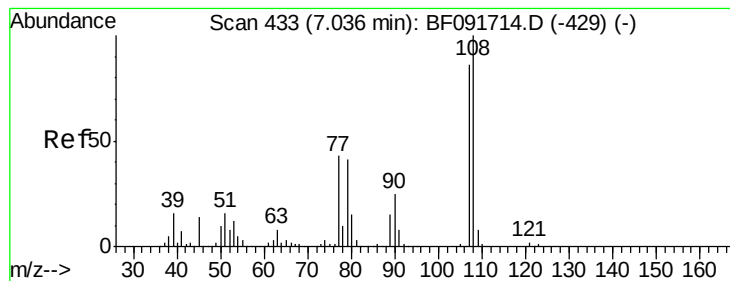
Tot Ion: 79 Resp: 829612
Ion Ratio Lower Upper
79 100
108 75.4 61.4 92.0
77 62.8 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.14 ng
RT: 7.06 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF091744.D
Acq: 18 Dec 2016 18:52

Tgt Ion: 45 Resp: 1409781
Ion Ratio Lower Upper
45 100
77 15.4 0.0 34.6
79 12.6 0.0 31.2





#17

2-Methylphenol

Concen: 44.87 ng

RT: 7.05 min Scan# 434

Delta R.T. 0.01 min

Lab File: BF091744.D

Acq: 18 Dec 2016 18:52

Instrument :

BNA_F

ClientSampleId :

TP20-COMP6MSD

Tot Ion:107 Resp: 843235

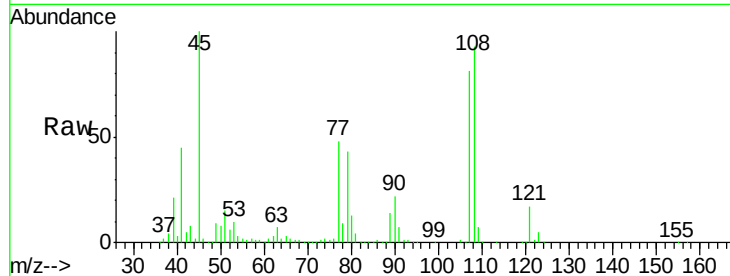
Ion Ratio Lower Upper

107 100

108 114.9 93.0 139.6

77 58.7 39.8 59.8

79 52.9 38.0 57.0

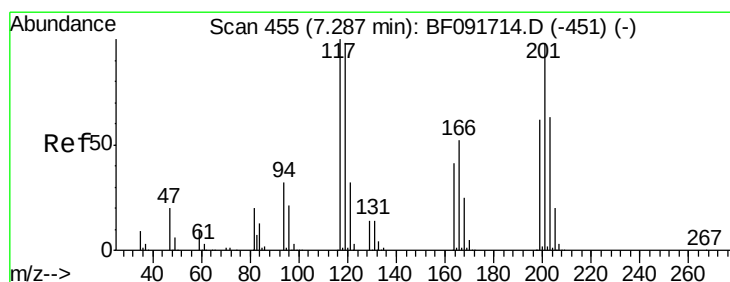
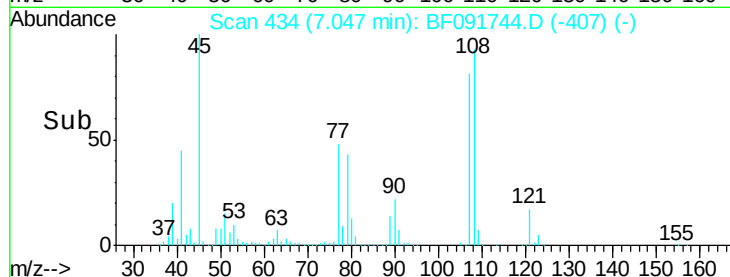
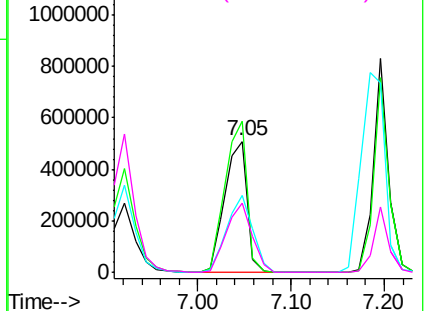


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 40.20 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF091744.D

Acq: 18 Dec 2016 18:52

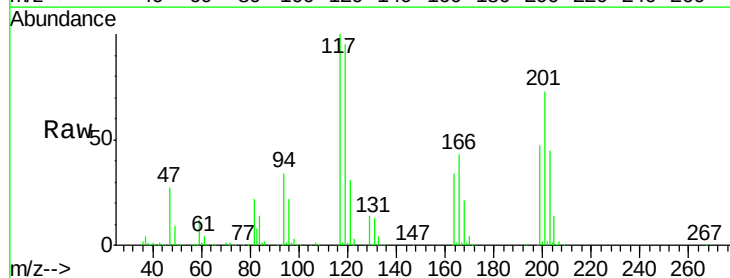
Tgt Ion:117 Resp: 373147

Ion Ratio Lower Upper

117 100

119 94.8 78.1 117.1

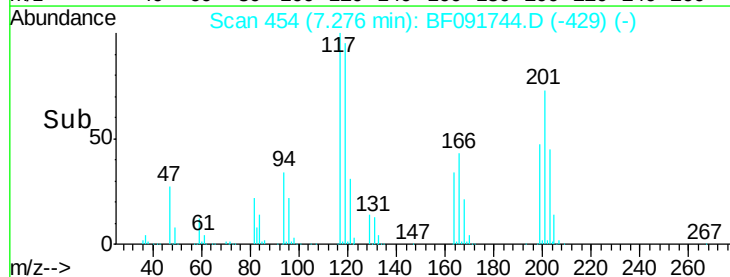
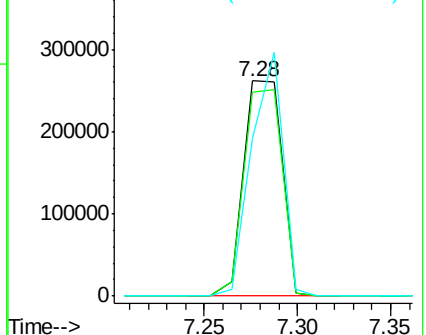
201 73.4 78.6 117.8#

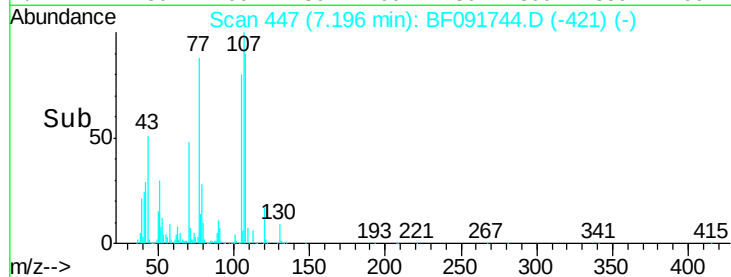
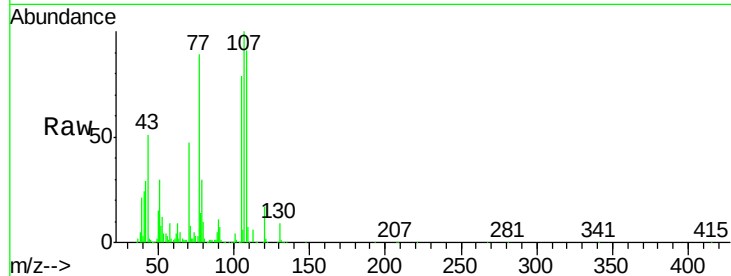
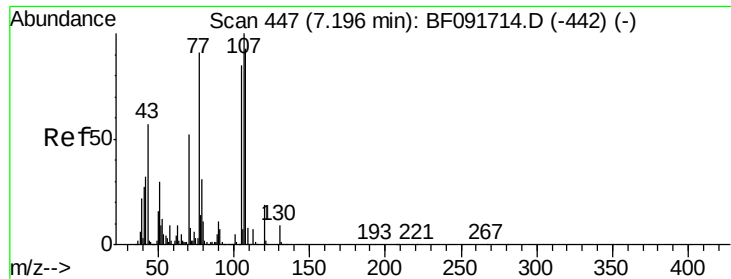


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

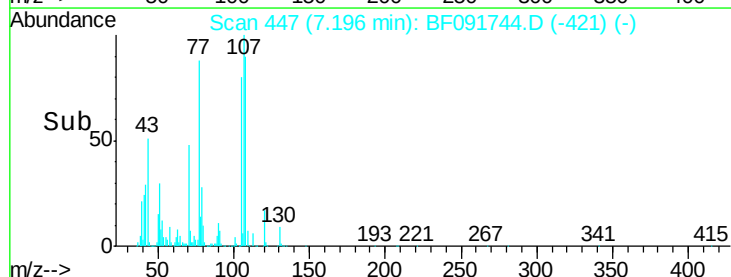
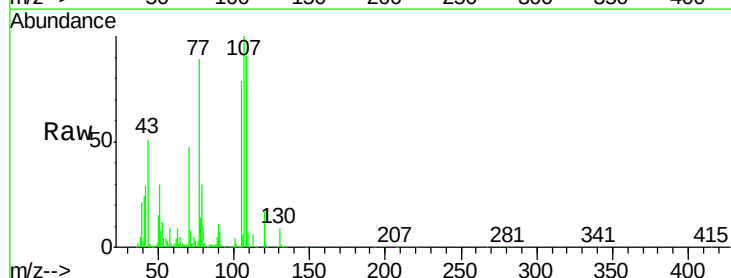
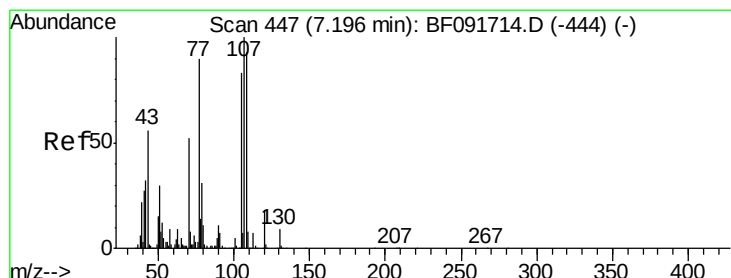
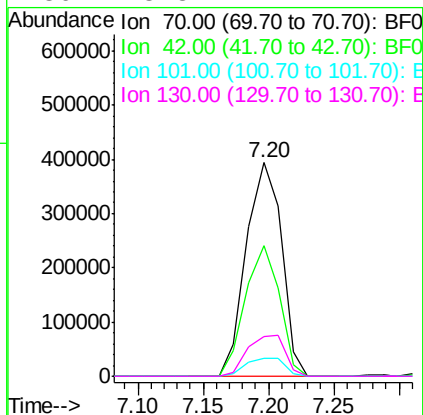




#19
n-Nitroso-di-n-propylamine
Concen: 45.19 ng
RT: 7.20 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF091744.D
Acq: 18 Dec 2016 18:52

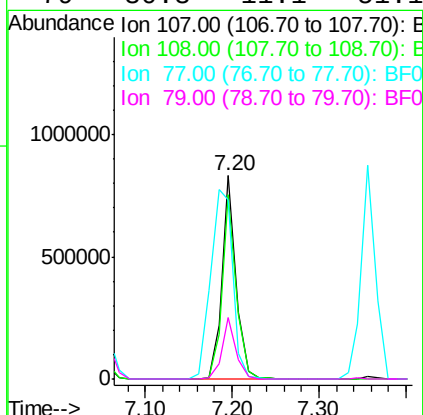
Instrument :
BNA_F
ClientSampleId :
TP20-COMP6MSD

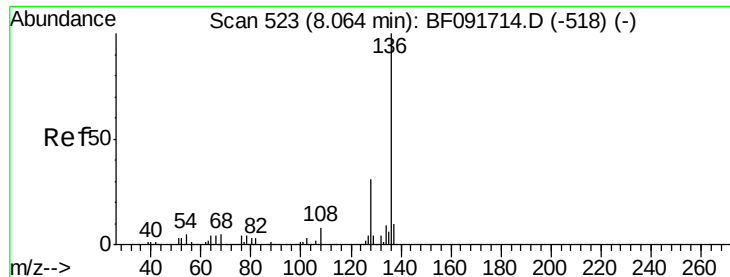
Tot Ion	Ratio	Lower	Upper
70	100		
42	61.2	49.4	74.0
101	8.6	7.4	11.2
130	18.3	14.2	21.4



#20
3+4-Methylphenols
Concen: 44.90 ng
RT: 7.20 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF091744.D
Acq: 18 Dec 2016 18:52

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.1	73.0	113.0
77	88.6	71.3	111.3
79	30.3	11.1	51.1

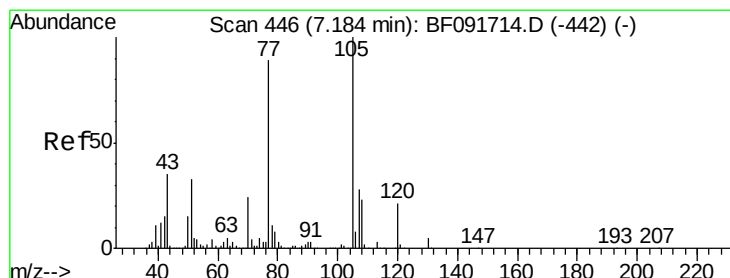
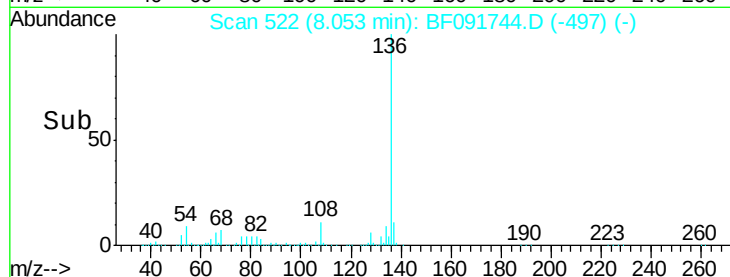
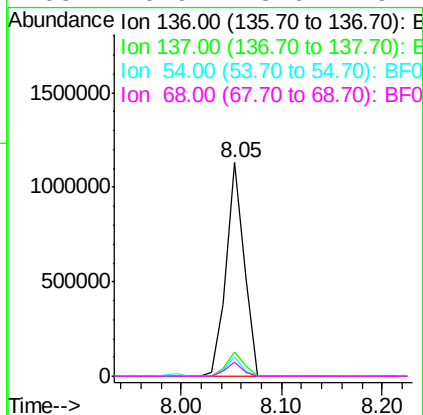
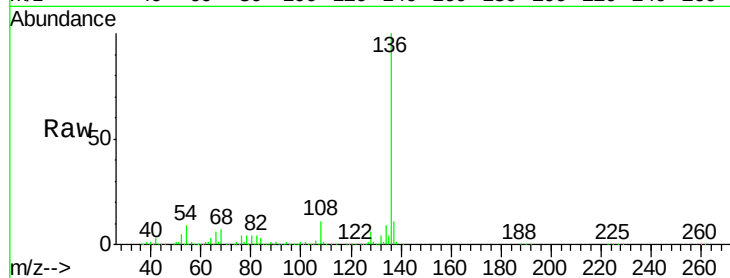




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF091744.D
Acq: 18 Dec 2016 18:52

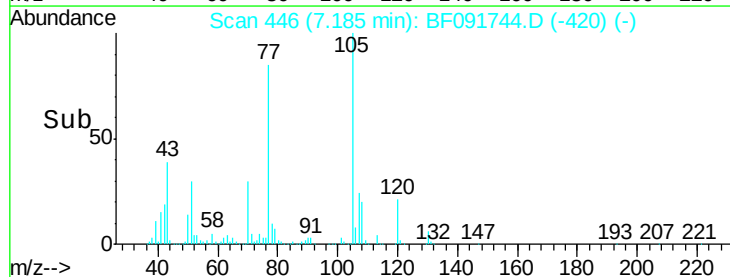
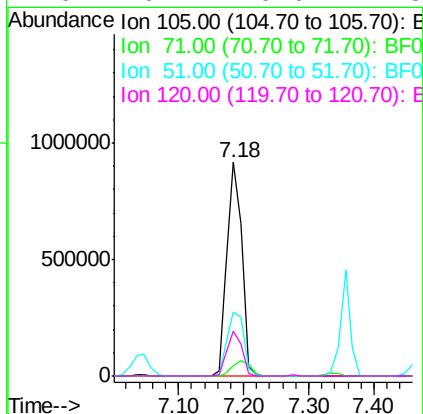
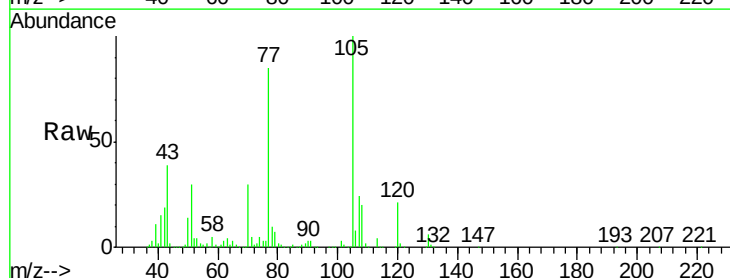
Instrument :
BNA_F
ClientSampleId :
TP20-COMP6MSD

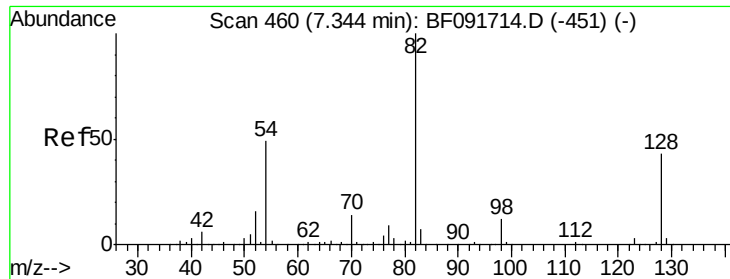
Tot Ion:136	Resp: 1405007
Ion Ratio	Lower Upper
136 100	
137 11.5	8.4 12.6
54 8.9	4.5 6.7#
68 6.9	3.6 5.4#



#22
Acetophenone
Concen: 42.40 ng
RT: 7.18 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF091744.D
Acq: 18 Dec 2016 18:52

Tgt	Ion:105	Resp:	1438433
Ion	Ratio	Lower	Upper
105	100		
71	5.0	3.2	4.8#
51	30.2	26.2	39.4
120	20.7	16.6	24.8

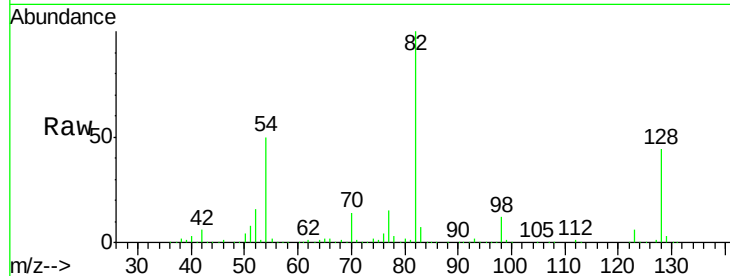




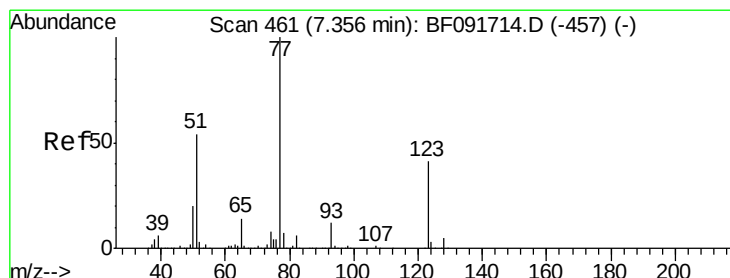
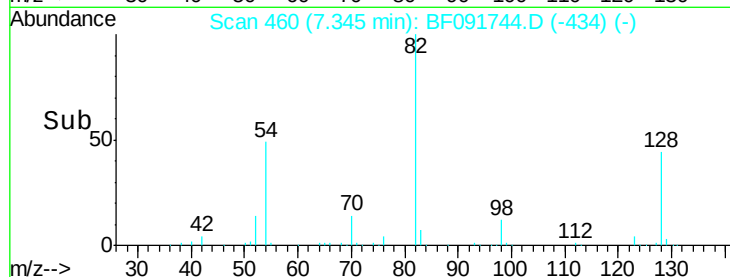
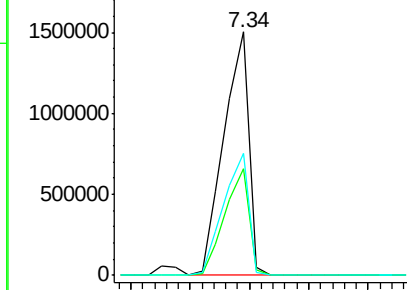
#23
 Nitrobenzene-d5
 Concen: 90.03 ng
 RT: 7.34 min Scan# 460
 Delta R.T. 0.00 min
 Lab File: BF091744.D
 Acq: 18 Dec 2016 18:52

Instrument :
 BNA_F
 ClientSampleId :
 TP20-COMP6MSD

Tot Ion: 82 Resp: 2193434
 Ion Ratio Lower Upper
 82 100
 128 43.8 34.6 52.0
 54 49.9 39.5 59.3

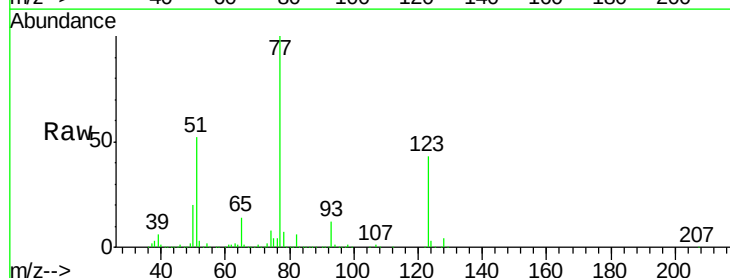


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

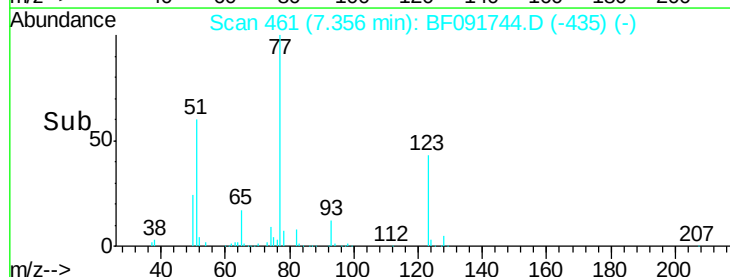
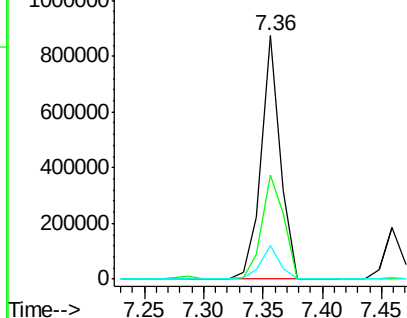


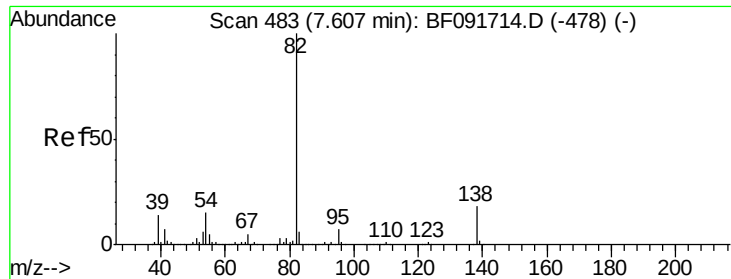
#24
 Nitrobenzene
 Concen: 37.79 ng
 RT: 7.36 min Scan# 461
 Delta R.T. 0.00 min
 Lab File: BF091744.D
 Acq: 18 Dec 2016 18:52

Tgt Ion: 77 Resp: 988693
 Ion Ratio Lower Upper
 77 100
 123 42.6 33.0 49.4
 65 13.8 11.2 16.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): BF0
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 46.42 ng

RT: 7.61 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF091744.D

Acq: 18 Dec 2016 18:52

Instrument :

BNA_F

ClientSampleId :

TP20-COMP6MSD

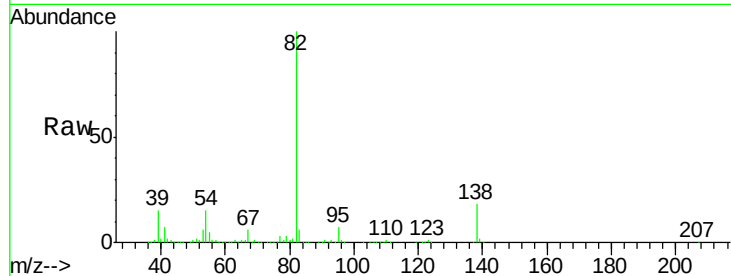
Tot Ion: 82 Resp: 2157682

Ion Ratio Lower Upper

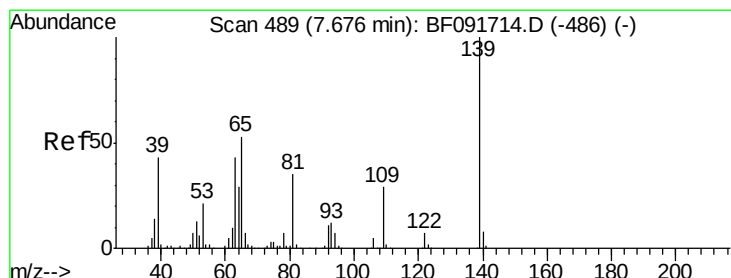
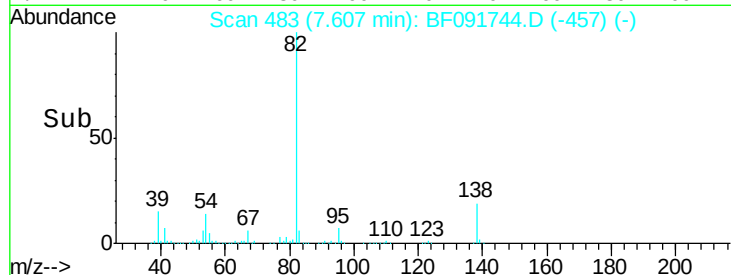
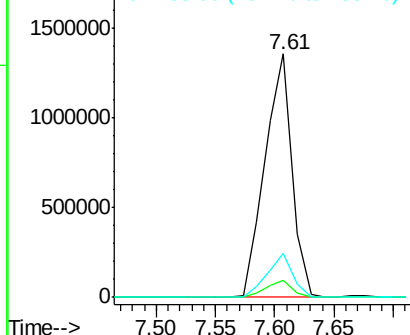
82 100

95 7.0 5.6 8.4

138 18.2 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 45.50 ng

RT: 7.68 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF091744.D

Acq: 18 Dec 2016 18:52

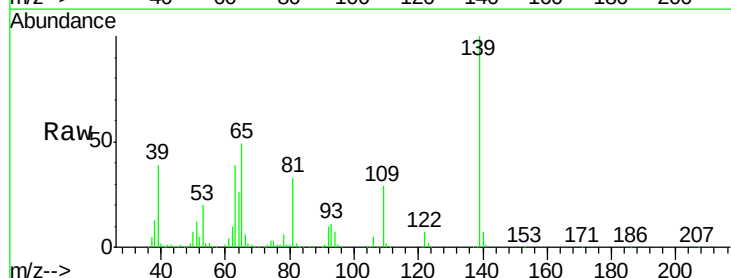
Tgt Ion: 139 Resp: 574253

Ion Ratio Lower Upper

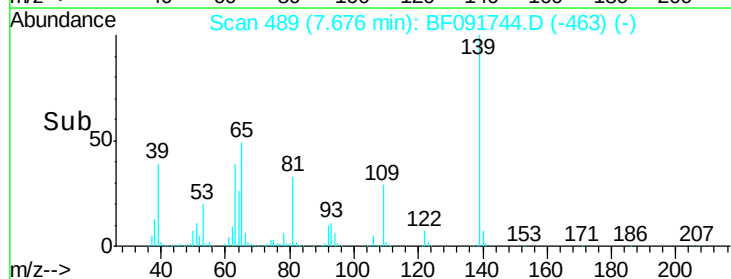
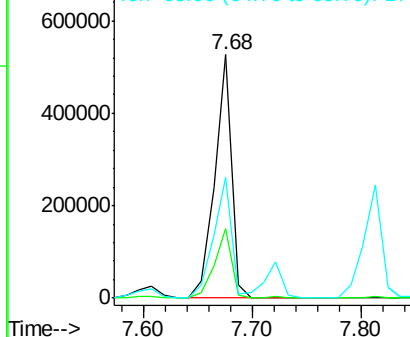
139 100

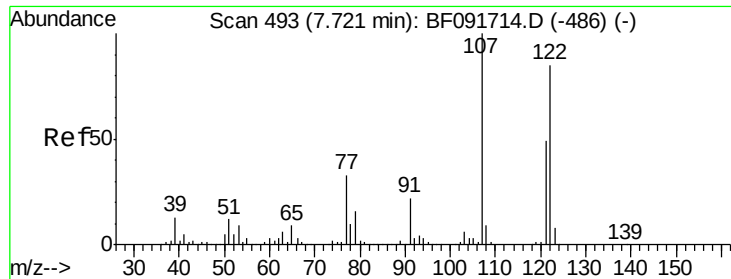
109 28.5 23.3 34.9

65 49.5 42.7 64.1



Abundance Ion 139.00 (138.70 to 139.70): BF0
Ion 109.00 (108.70 to 109.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 45.22 ng

RT: 7.72 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF091744.D

Acq: 18 Dec 2016 18:52

Instrument :

BNA_F

ClientSampleId :

TP20-COMP6MSD

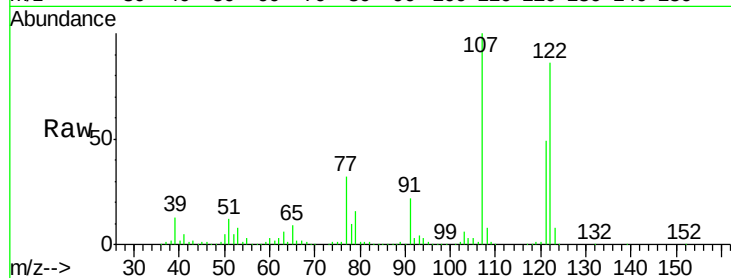
Tot Ion:122 Resp: 931103

Ion Ratio Lower Upper

122 100

107 116.1 94.1 141.1

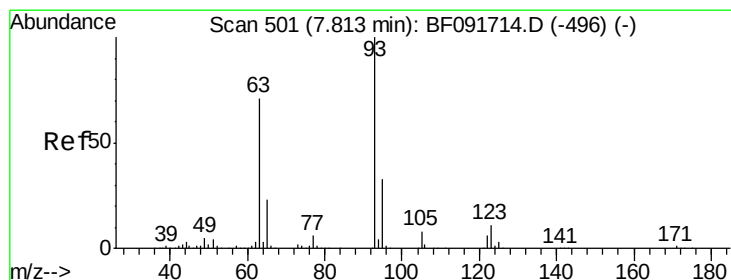
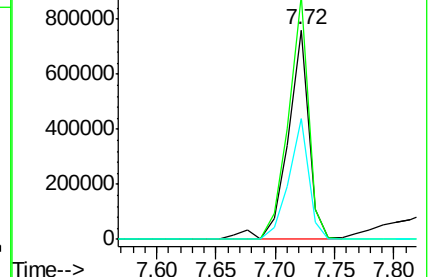
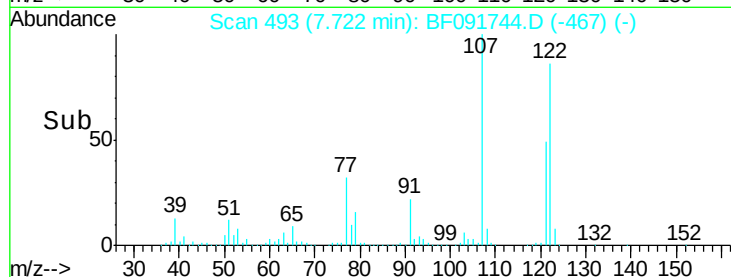
121 57.4 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 47.00 ng

RT: 7.81 min Scan# 501

Delta R.T. 0.00 min

Lab File: BF091744.D

Acq: 18 Dec 2016 18:52

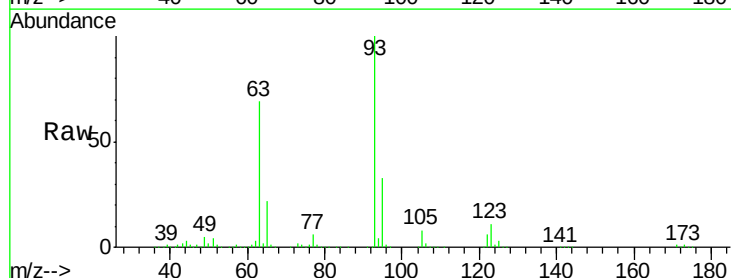
Tgt Ion: 93 Resp: 1278334

Ion Ratio Lower Upper

93 100

95 32.8 26.5 39.7

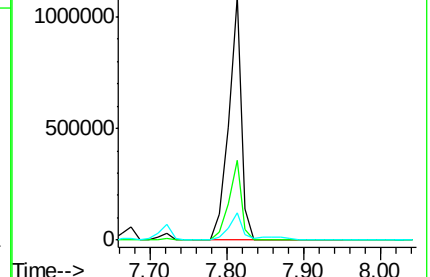
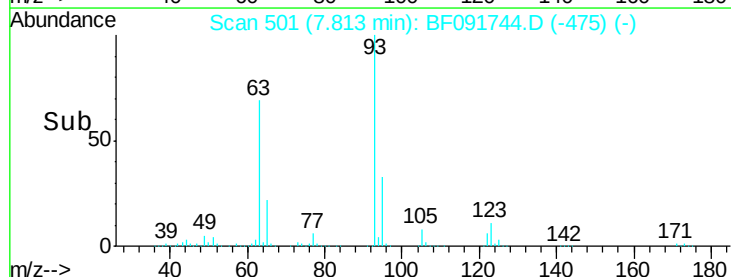
123 11.2 8.6 13.0

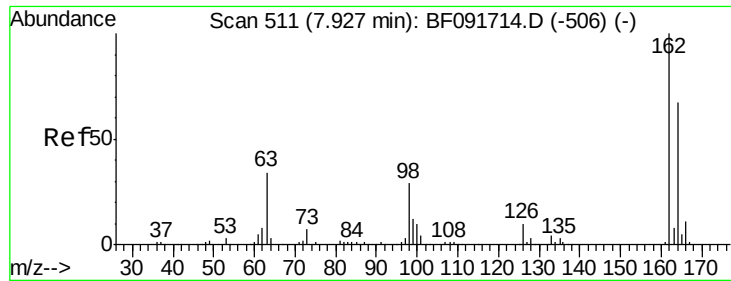


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

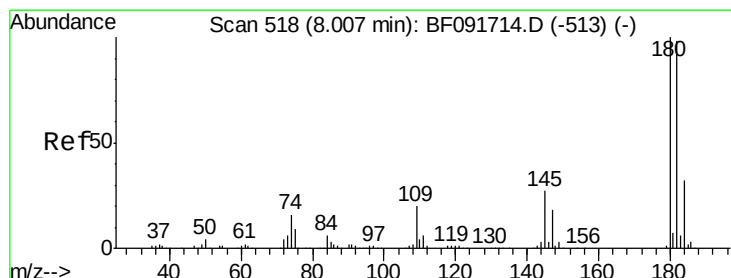
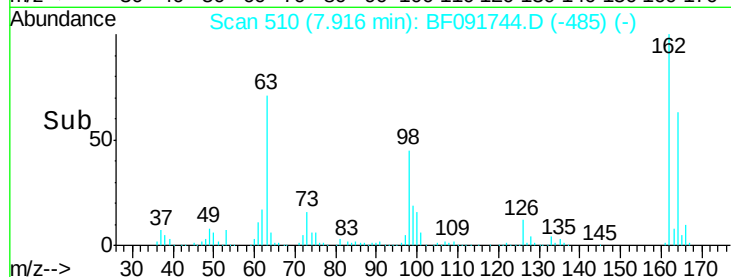
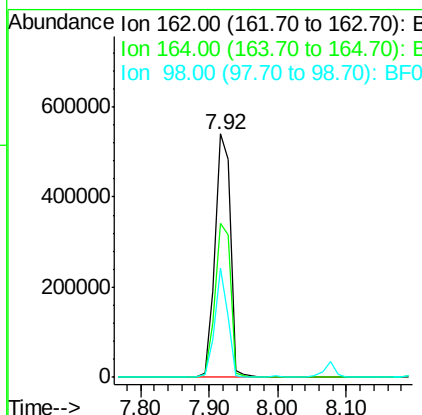
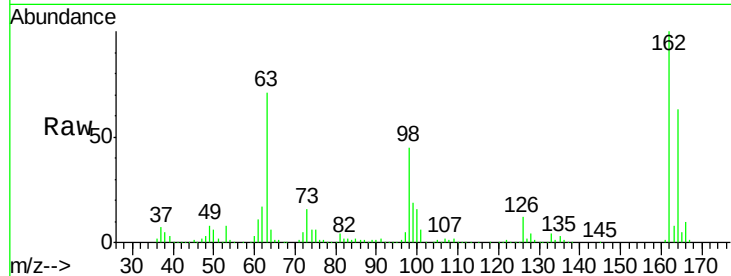




#29
2,4-Dichlorophenol
Concen: 45.24 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF091744.D
Acq: 18 Dec 2016 18:52

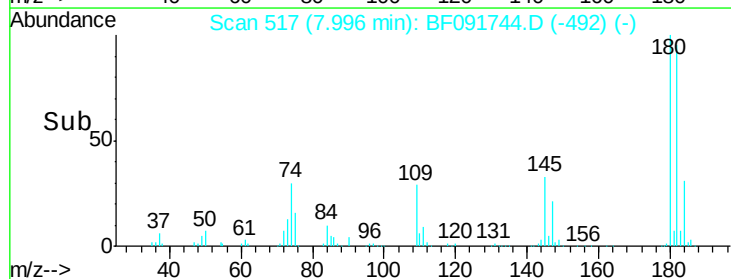
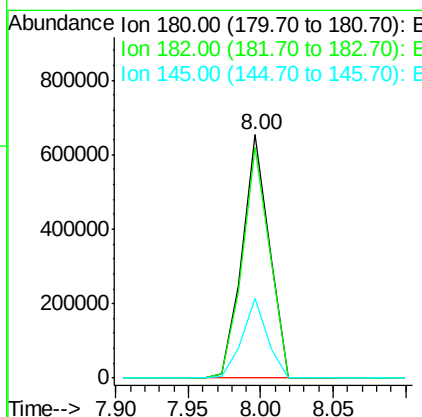
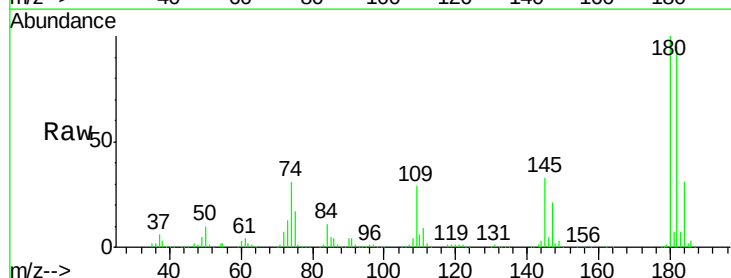
Instrument :
BNA_F
ClientSampleId :
TP20-COMP6MSD

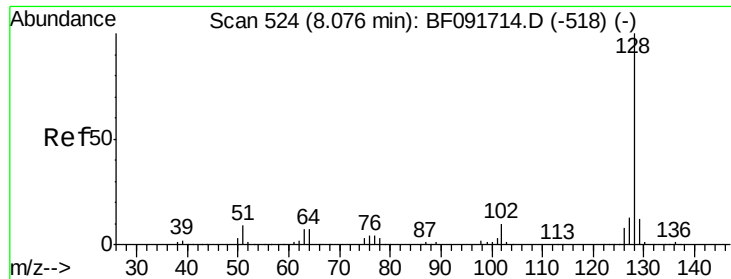
Tot Ion:162 Resp: 859144
Ion Ratio Lower Upper
162 100
164 63.5 46.8 86.8
98 44.6 9.1 49.1



#30
1,2,4-Trichlorobenzene
Concen: 41.01 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF091744.D
Acq: 18 Dec 2016 18:52

Tgt Ion:180 Resp: 843930
Ion Ratio Lower Upper
180 100
182 94.8 78.2 117.4
145 32.8 21.6 32.4#

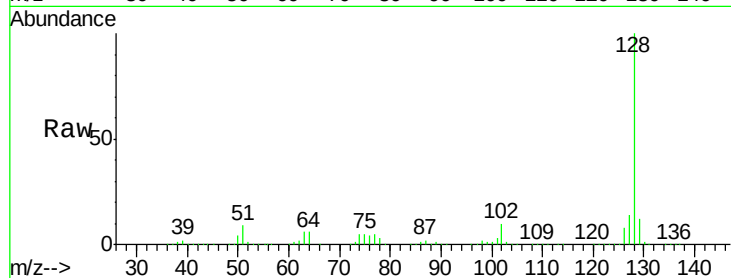




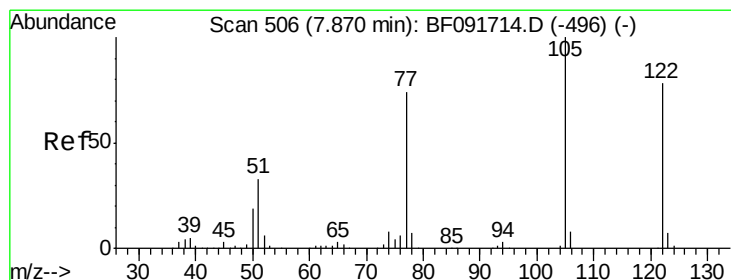
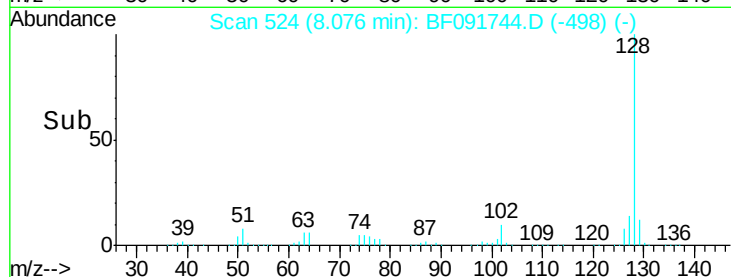
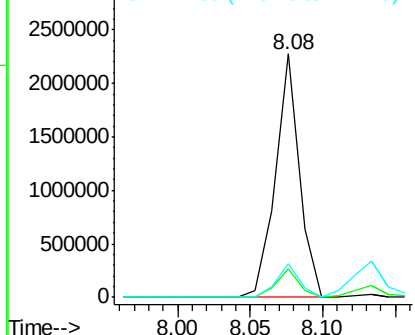
#31
Naphthalene
Concen: 38.90 ng
RT: 8.08 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF091744.D
Acq: 18 Dec 2016 18:52

Instrument :
BNA_F
ClientSampleId :
TP20-COMP6MSD

Tot Ion:128 Resp: 2611095
Ion Ratio Lower Upper
128 100
129 11.9 9.5 14.3
127 13.8 10.8 16.2

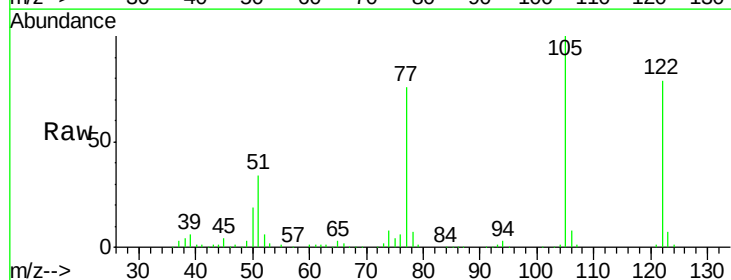


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

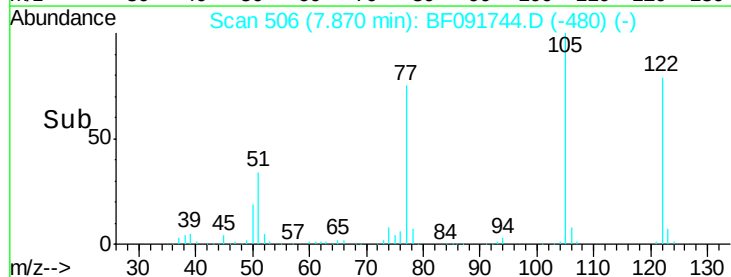
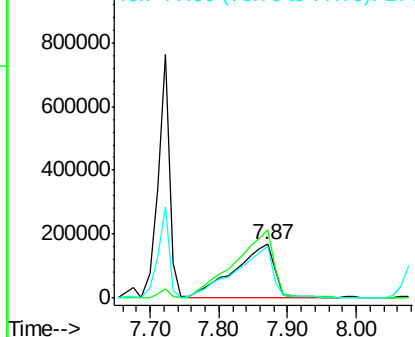


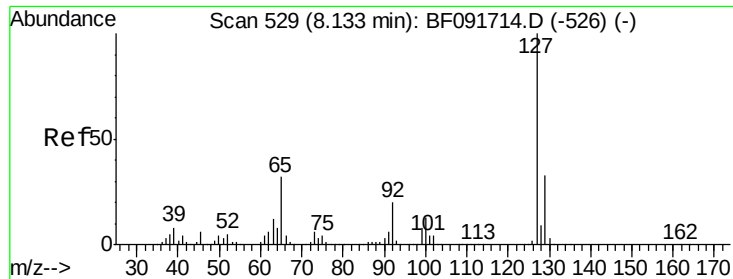
#32
Benzoic acid
Concen: 45.91 ng
RT: 7.87 min Scan# 506
Delta R.T. 0.00 min
Lab File: BF091744.D
Acq: 18 Dec 2016 18:52

Tgt Ion:122 Resp: 673689
Ion Ratio Lower Upper
122 100
105 126.2 107.2 147.2
77 95.3 74.5 114.5



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

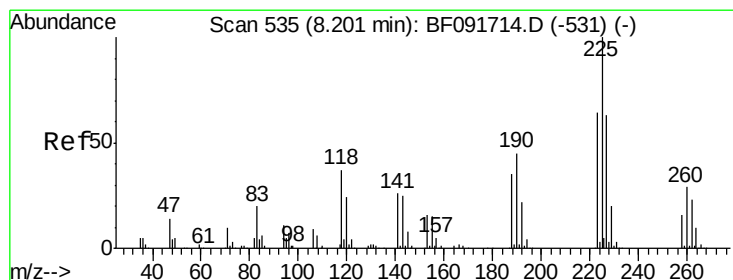
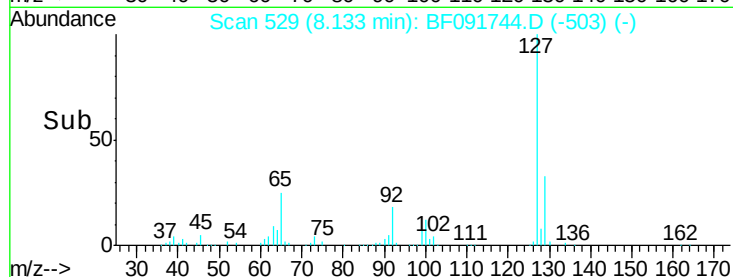
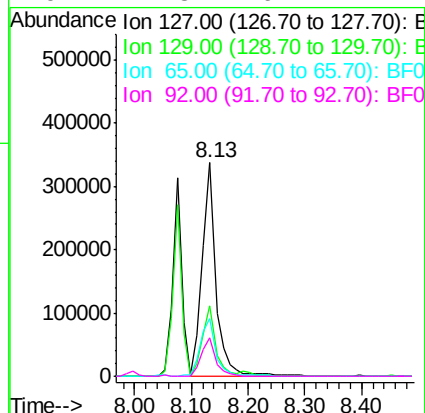
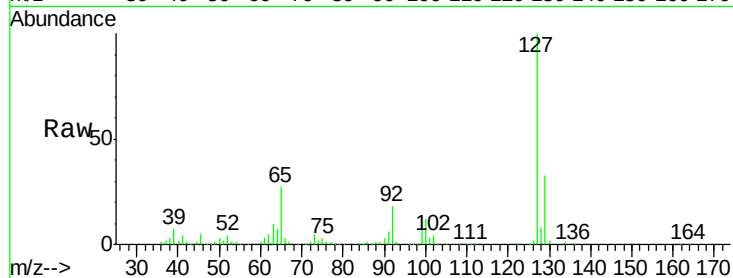




#33
4-Chloroaniline
Concen: 19.65 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF091744.D
Acq: 18 Dec 2016 18:52

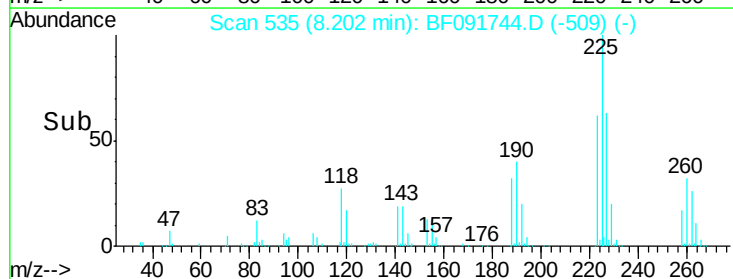
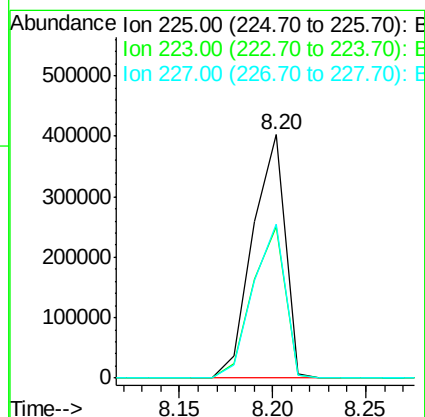
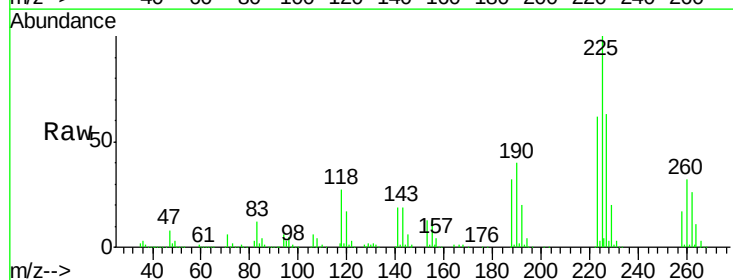
Instrument :
BNA_F
ClientSampleId :
TP20-COMP6MSD

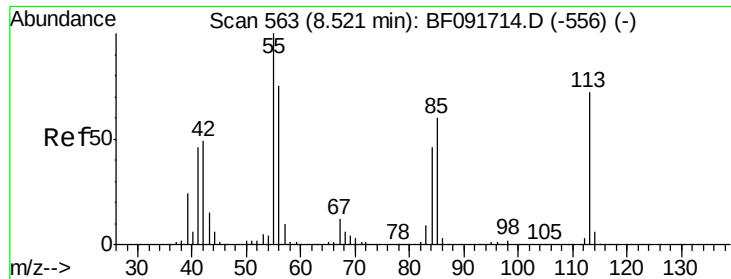
Tot Ion:	127	Resp:	555483
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.3	39.5
65	26.7	25.8	38.8
92	17.8	16.1	24.1



#34
Hexachlorobutadiene
Concen: 41.78 ng
RT: 8.20 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF091744.D
Acq: 18 Dec 2016 18:52

Tgt Ion:	225	Resp:	483428
Ion	Ratio	Lower	Upper
225	100		
223	62.3	51.0	76.6
227	63.0	50.6	76.0





#35

Caprolactam

Concen: 41.95 ng/mL

RT: 8.52 min Scan# 563

Delta R.T. 0.00 min

Lab File: BF091744.D

Acq: 18 Dec 2016 18:52

Instrument :

BNA_F

ClientSampleId :

TP20-COMP6MSD

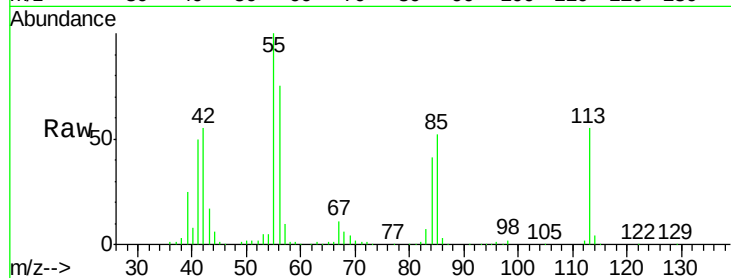
Tot Ion:113 Resp: 256305

Ion Ratio Lower Upper

113 100

55 181.5 119.2 159.2#

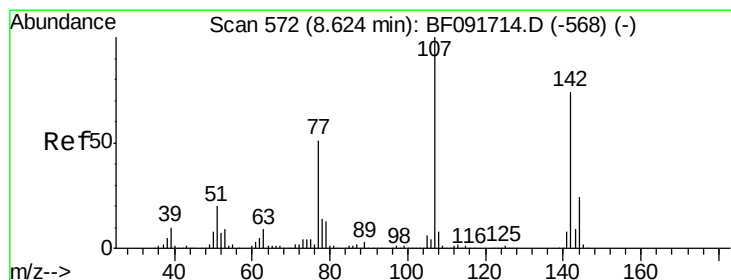
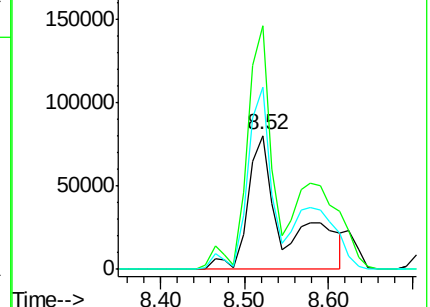
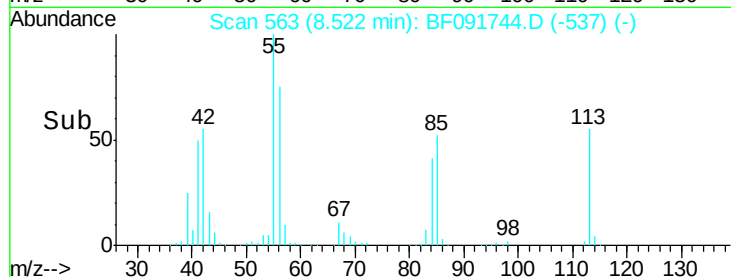
56 135.4 83.8 123.8#



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: 43.56 ng/mL

RT: 8.62 min Scan# 572

Delta R.T. 0.00 min

Lab File: BF091744.D

Acq: 18 Dec 2016 18:52

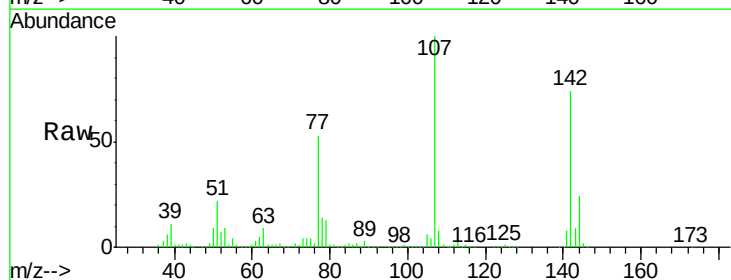
Tgt Ion:107 Resp: 912519

Ion Ratio Lower Upper

107 100

144 24.2 19.3 28.9

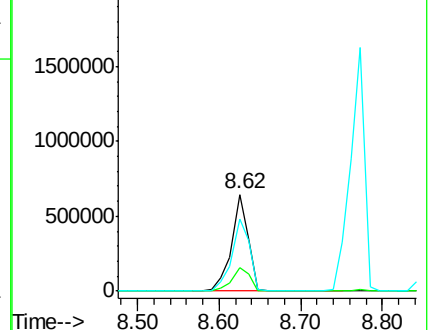
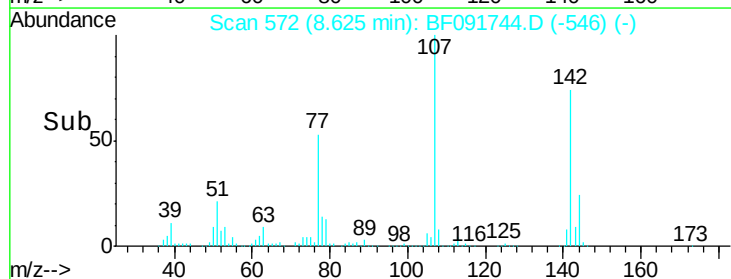
142 74.5 59.0 88.6

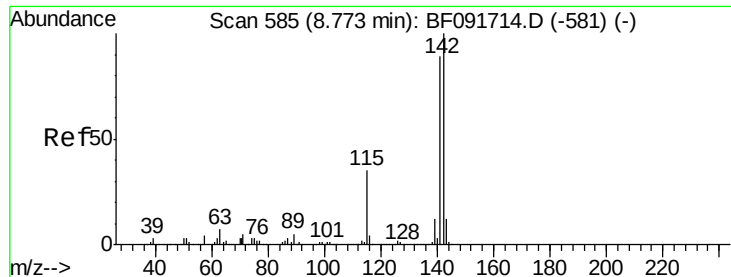


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

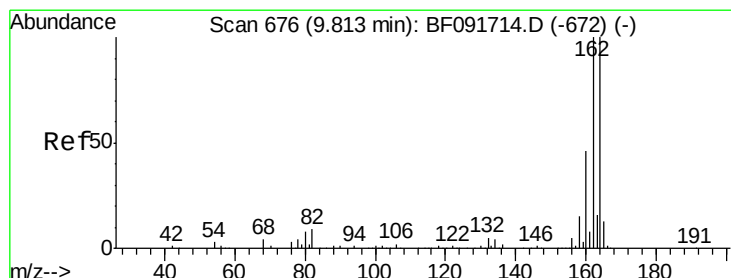
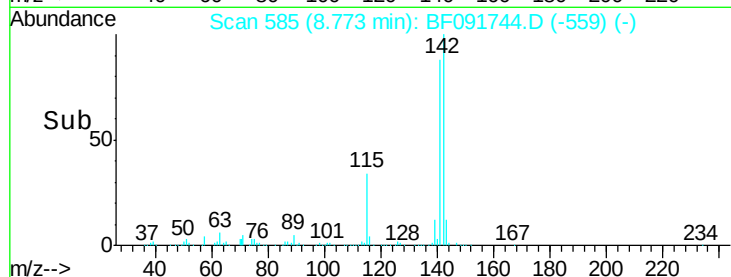
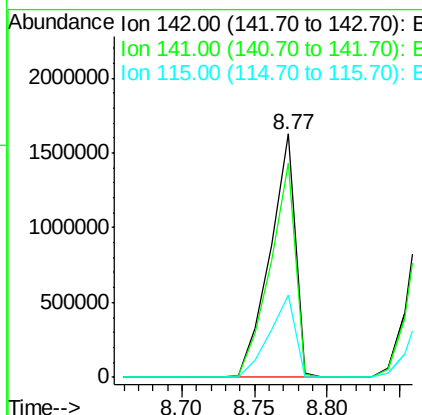
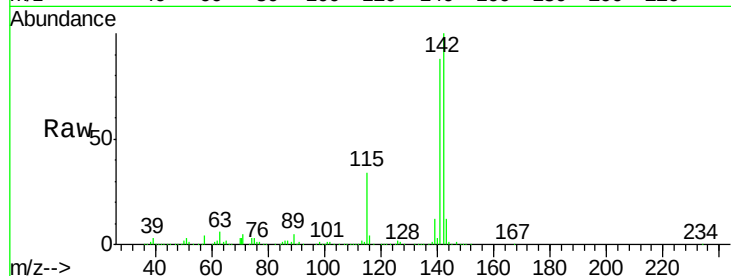




#37
2-Methylnaphthalene
Concen: 46.68 ng
RT: 8.77 min Scan# 585
Delta R.T. 0.00 min
Lab File: BF091744.D
Acq: 18 Dec 2016 18:52

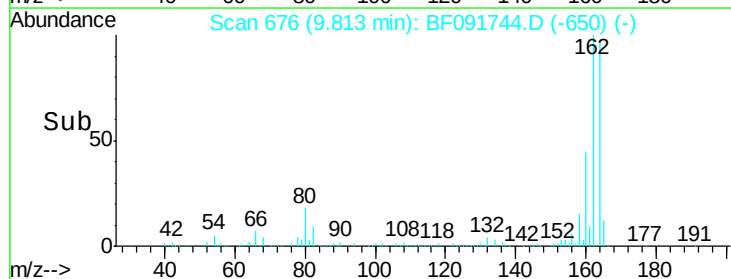
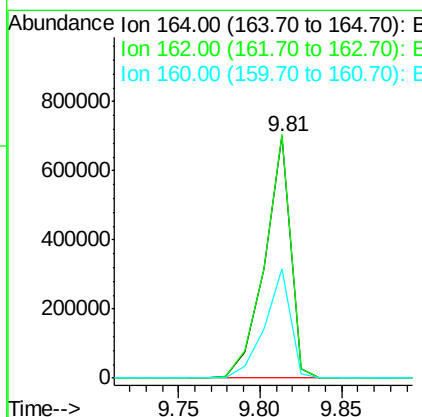
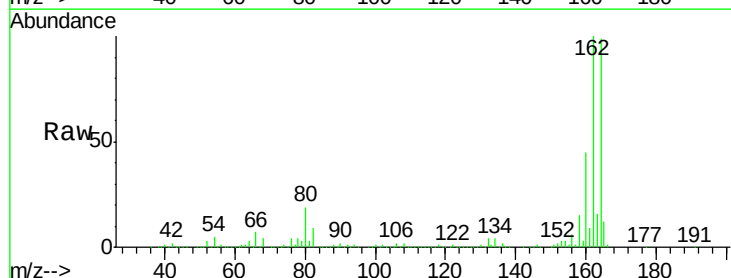
Instrument :
BNA_F
ClientSampleId :
TP20-COMP6MSD

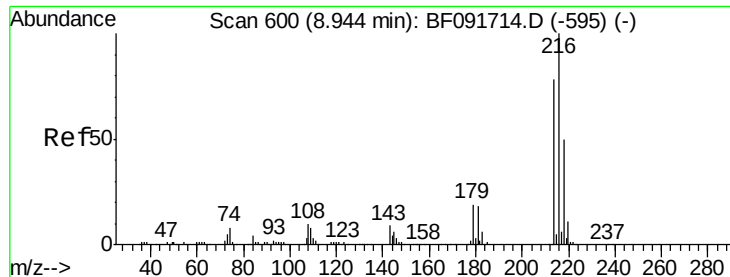
Tot Ion:142 Resp: 1975222
Ion Ratio Lower Upper
142 100
141 88.2 71.0 106.6
115 33.8 28.3 42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF091744.D
Acq: 18 Dec 2016 18:52

Tgt Ion:164 Resp: 771079
Ion Ratio Lower Upper
164 100
162 100.5 80.2 120.2
160 44.9 36.9 55.3

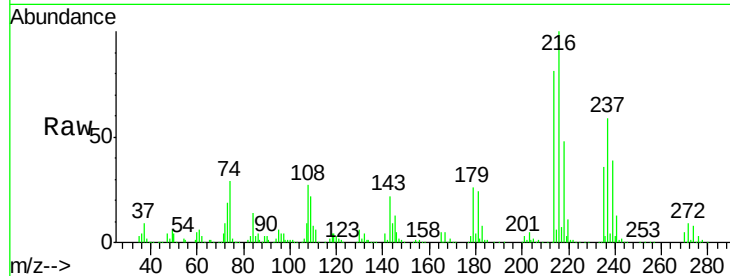




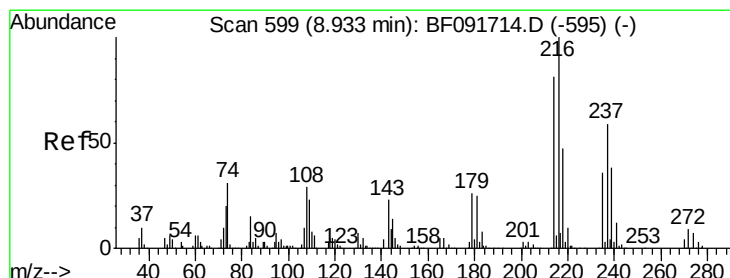
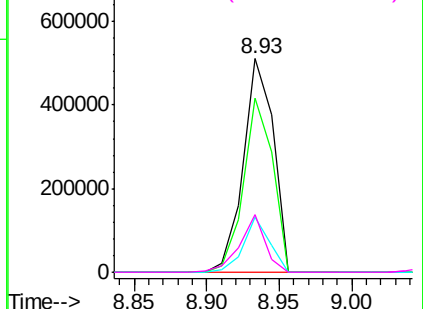
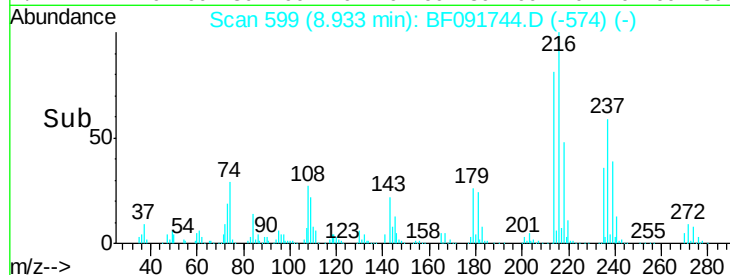
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.17 ng
 RT: 8.93 min Scan# 599
 Delta R.T. -0.01 min
 Lab File: BF091744.D
 Acq: 18 Dec 2016 18:52

Instrument :
 BNA_F
 ClientSampleId :
 TP20-COMP6MSD

Tot Ion:216	Resp:	733597
Ion Ratio	Lower	Upper
216	100	
214	79.3	63.4 95.0
179	22.7	17.4 26.2
108	22.6	15.6 23.4

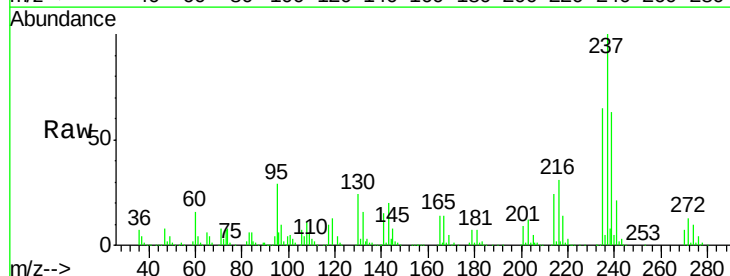


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

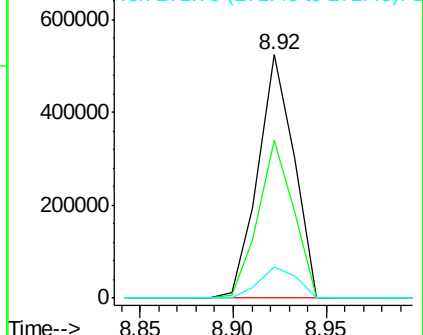
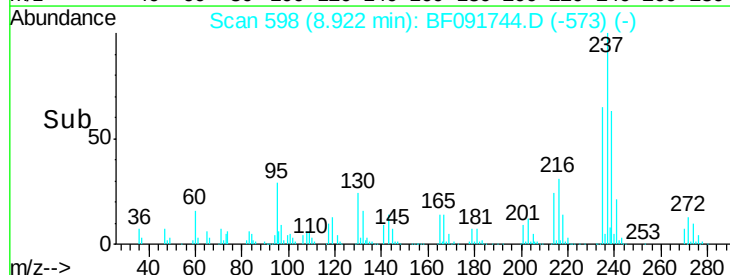


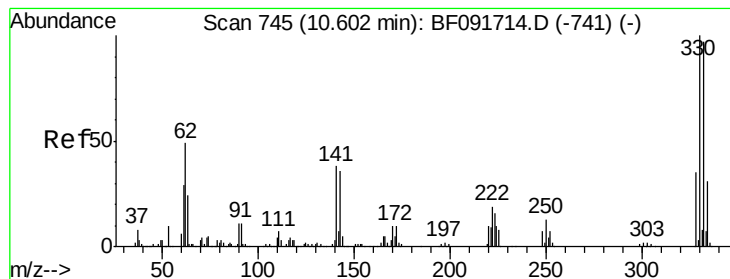
#40
 Hexachlorocyclopentadiene
 Concen: 87.10 ng
 RT: 8.92 min Scan# 598
 Delta R.T. -0.01 min
 Lab File: BF091744.D
 Acq: 18 Dec 2016 18:52

Tgt Ion:237	Resp:	709525
Ion Ratio	Lower	Upper
237	100	
235	64.7	41.2 81.2
272	12.5	0.0 35.4



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





#41

2,4,6-Tribromophenol

Concen: 111.63 ng

RT: 10.60 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF091744.D

Acq: 18 Dec 2016 18:52

Instrument :

BNA_F

ClientSampleId :

TP20-COMP6MSD

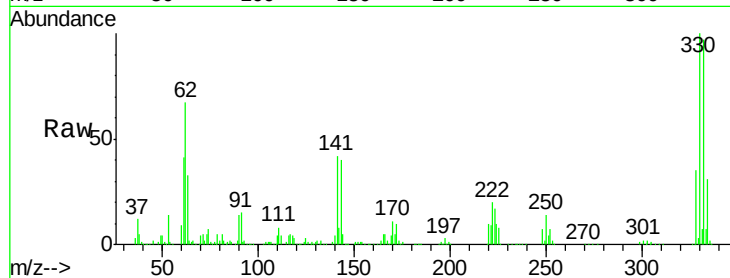
Tot Ion:330 Resp: 729857

Ion Ratio Lower Upper

330 100

332 97.0 77.4 116.2

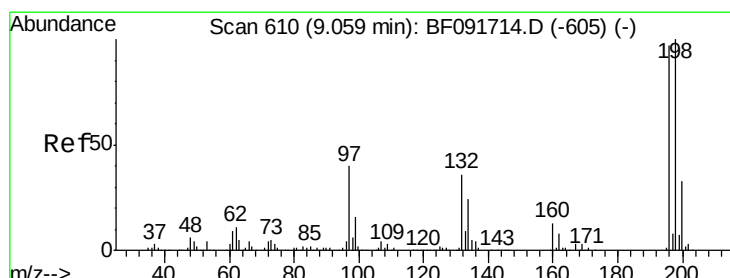
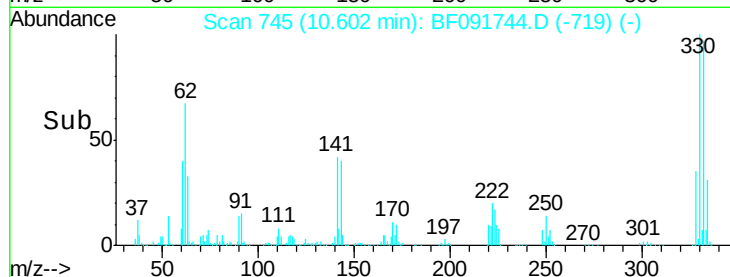
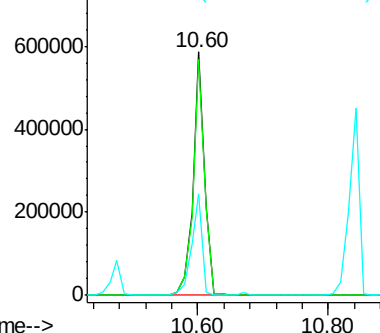
141 38.8 34.1 51.1



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 44.32 ng

RT: 9.06 min Scan# 610

Delta R.T. 0.00 min

Lab File: BF091744.D

Acq: 18 Dec 2016 18:52

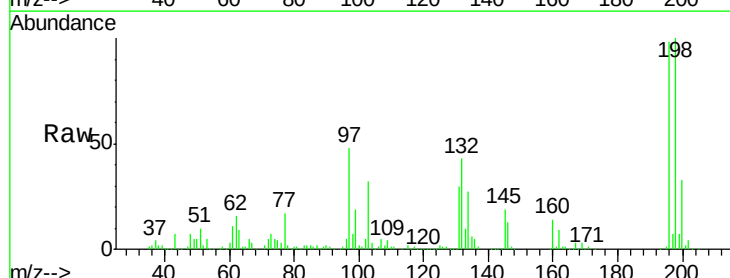
Tgt Ion:196 Resp: 608610

Ion Ratio Lower Upper

196 100

198 101.6 82.1 123.1

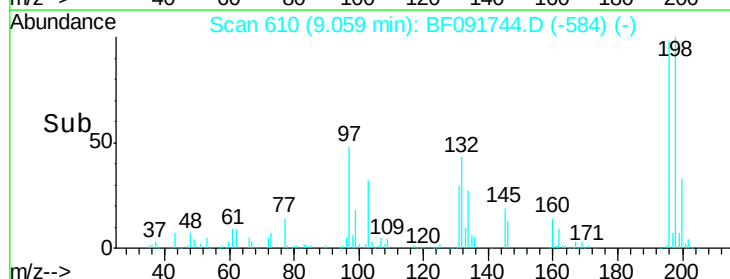
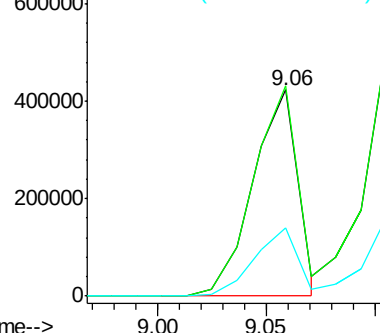
200 33.3 27.0 40.4

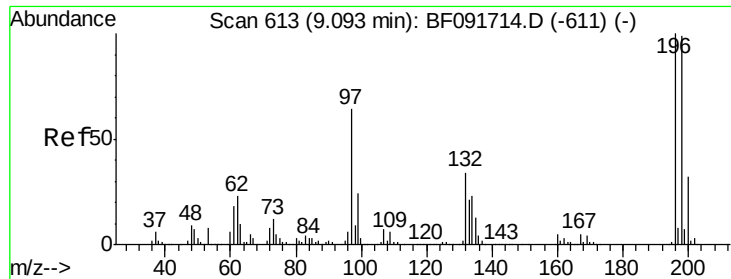


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

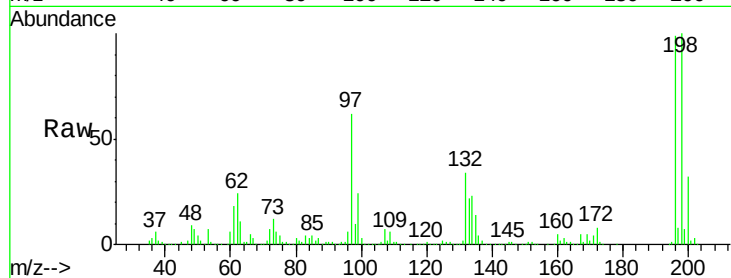




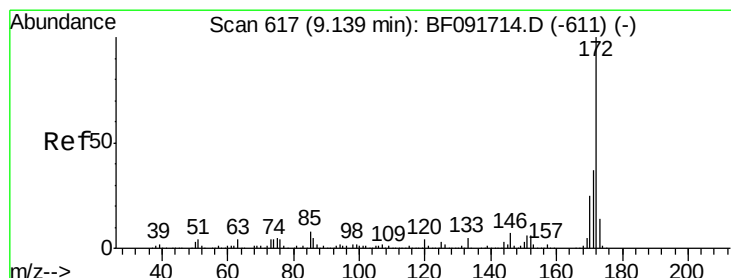
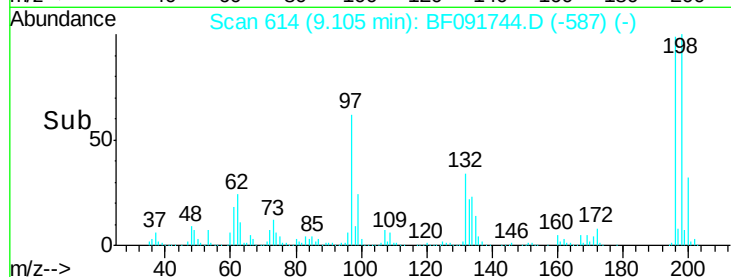
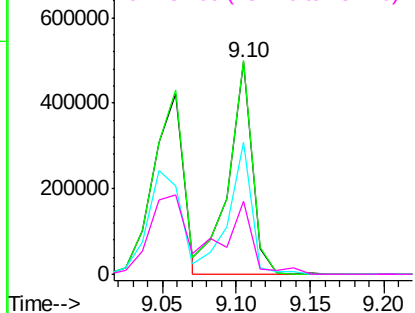
#43
 2,4,5-Trichlorophenol
 Concen: 41.81 ng/ml
 RT: 9.10 min Scan# 614
 Delta R.T. 0.01 min
 Lab File: BF091744.D
 Acq: 18 Dec 2016 18:52

Instrument :
 BNA_F
 ClientSampleId :
 TP20-COMP6MSD

Tot Ion:	196	Resp:	564032
Ion	Ratio	Lower	Upper
196	100		
198	100.6	79.4	119.2
97	62.2	51.5	77.3
132	34.1	27.4	41.2

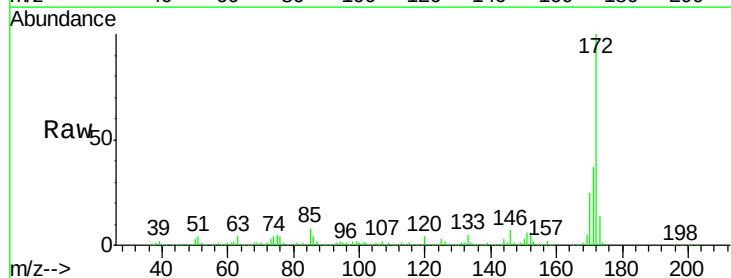


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

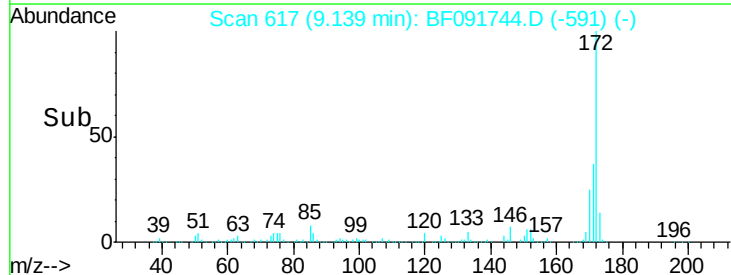
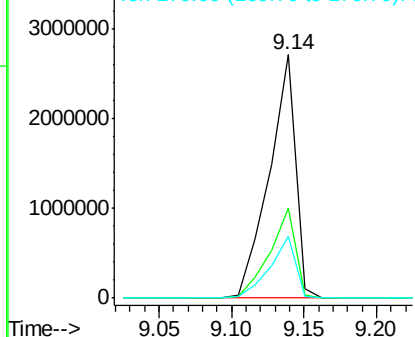


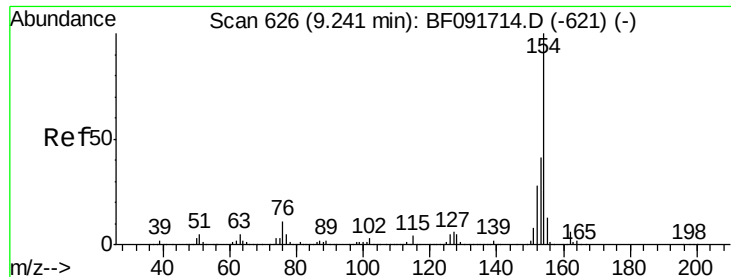
#44
 2-Fluorobiphenyl
 Concen: 89.30 ng/ml
 RT: 9.14 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF091744.D
 Acq: 18 Dec 2016 18:52

Tgt Ion:	172	Resp:	3427596
Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.4	44.0
170	25.5	20.2	30.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

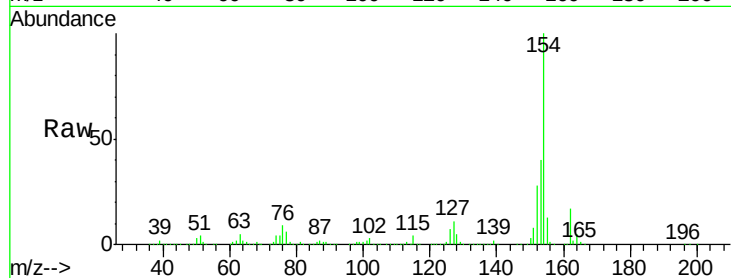




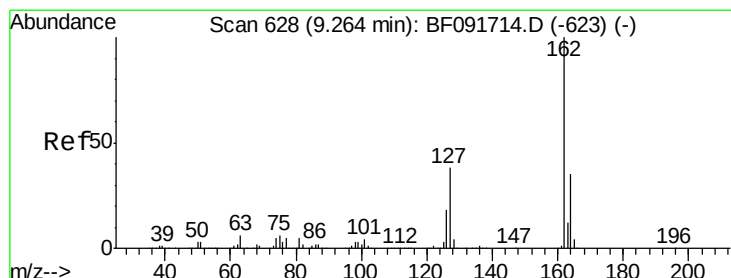
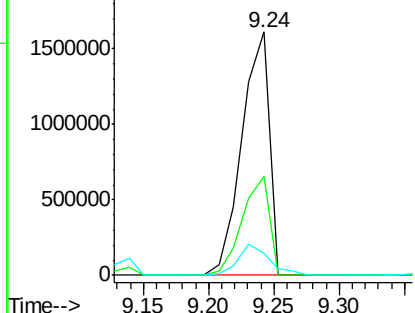
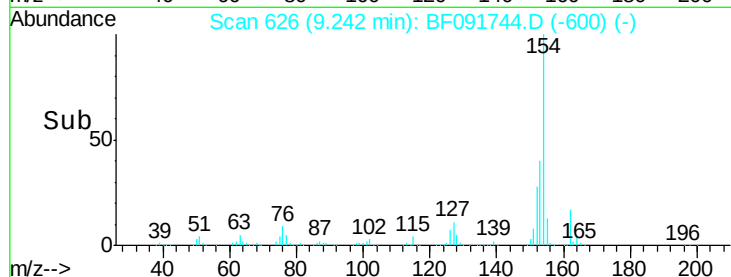
#45
 1,1'-Biphenyl
 Concen: 42.45 ng
 RT: 9.24 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF091744.D
 Acq: 18 Dec 2016 18:52

Instrument :
 BNA_F
 ClientSampleId :
 TP20-COMP6MSD

Tot Ion:154 Resp: 2345972
 Ion Ratio Lower Upper
 154 100
 153 40.5 20.9 60.9
 76 9.0 0.0 30.5

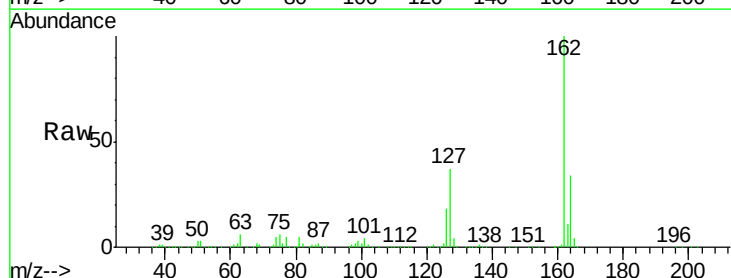


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

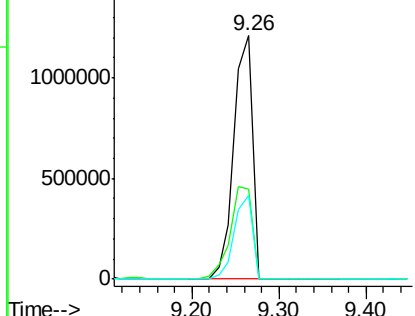
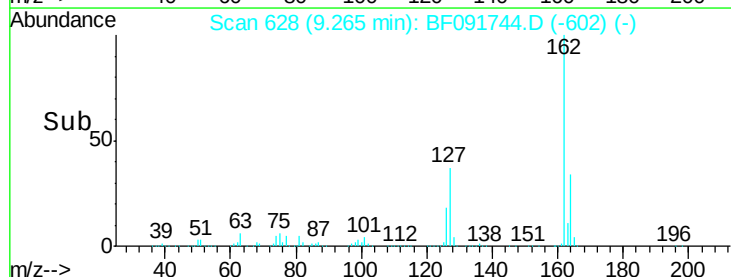


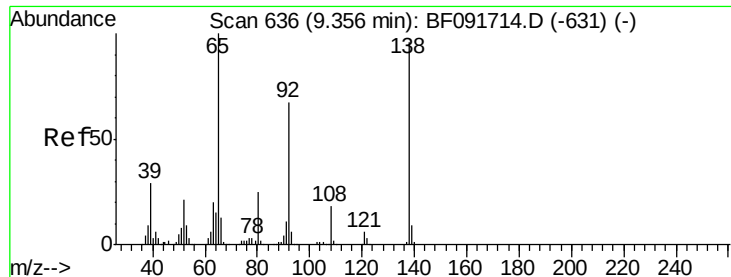
#46
 2-Chloronaphthalene
 Concen: 43.12 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF091744.D
 Acq: 18 Dec 2016 18:52

Tgt Ion:162 Resp: 1781017
 Ion Ratio Lower Upper
 162 100
 127 36.8 30.7 46.1
 164 34.2 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: 39.54 ng

RT: 9.36 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF091744.D

Acq: 18 Dec 2016 18:52

Instrument :

BNA_F

ClientSampleId :

TP20-COMP6MSD

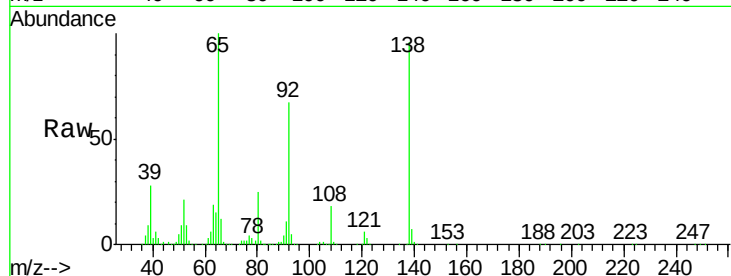
Tot Ion: 65 Resp: 557511

Ion Ratio Lower Upper

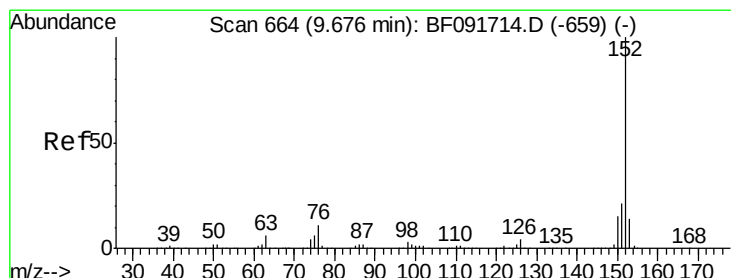
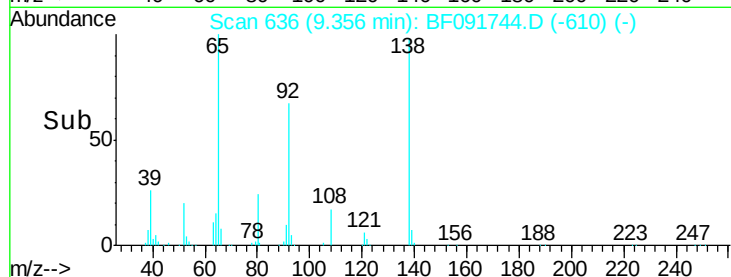
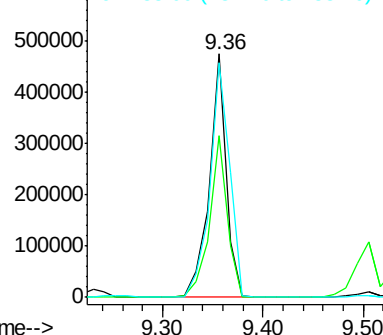
65 100

92 66.5 53.9 80.9

138 96.3 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): BF0



#48

Acenaphthylene

Concen: 42.03 ng

RT: 9.68 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF091744.D

Acq: 18 Dec 2016 18:52

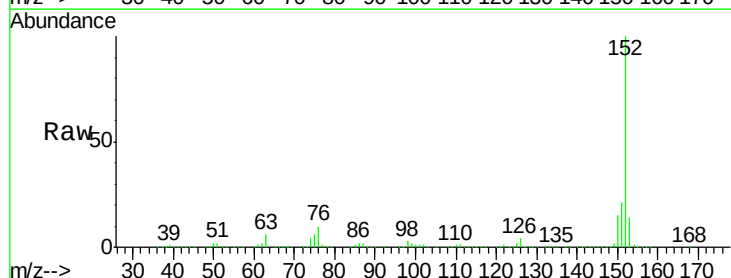
Tgt Ion: 152 Resp: 2689805

Ion Ratio Lower Upper

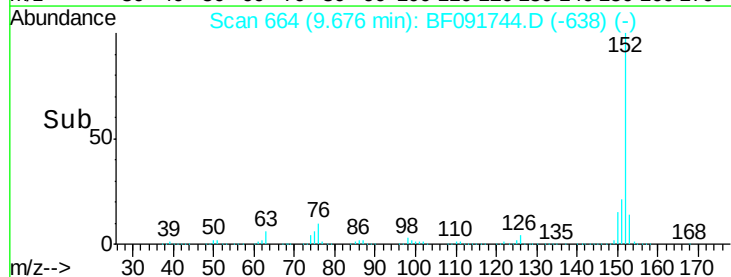
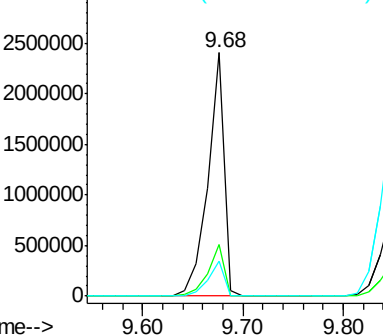
152 100

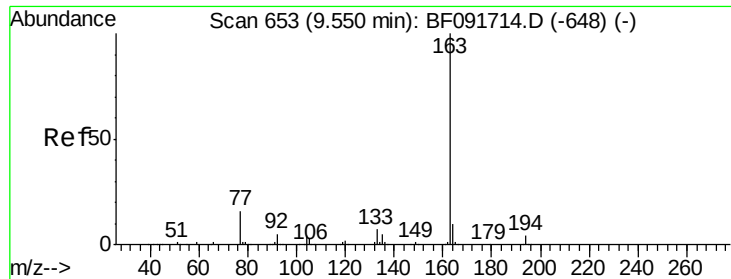
151 21.2 16.9 25.3

153 14.4 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: 43.97 ng

RT: 9.55 min Scan# 653

Delta R.T. 0.00 min

Lab File: BF091744.D

Acq: 18 Dec 2016 18:52

Instrument :

BNA_F

ClientSampleId :

TP20-COMP6MSD

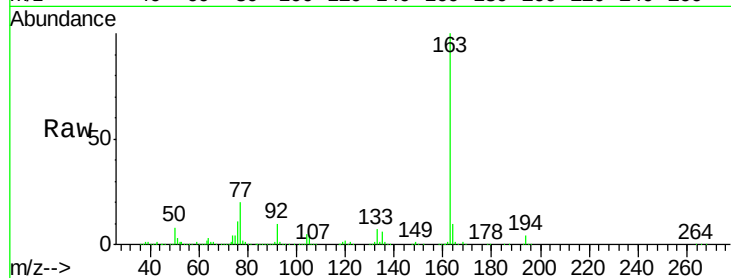
Tot Ion:163 Resp: 2214670

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.4

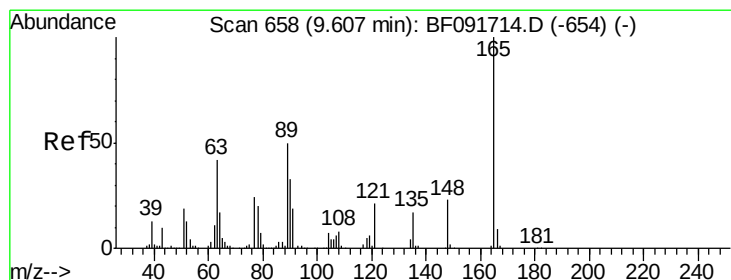
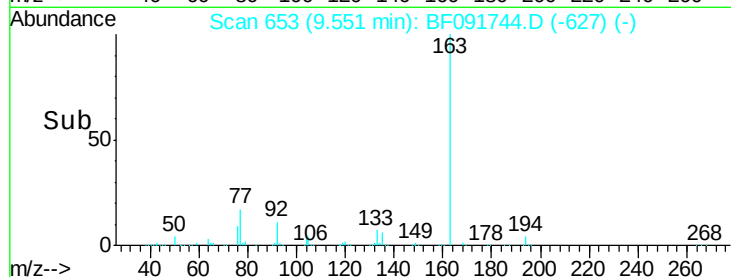
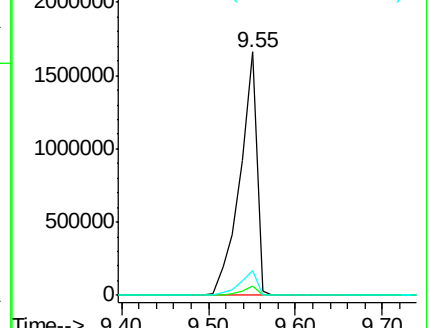
164 10.3 8.0 12.0



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: 49.13 ng

RT: 9.61 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF091744.D

Acq: 18 Dec 2016 18:52

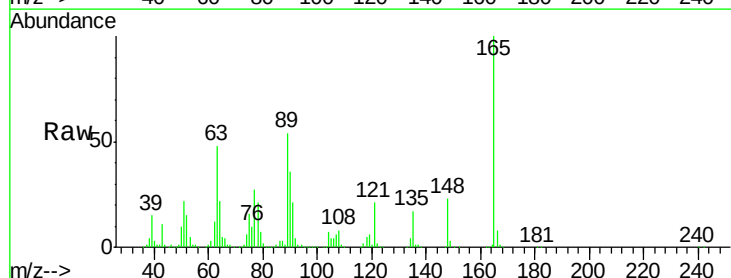
Tgt Ion:165 Resp: 542572

Ion Ratio Lower Upper

165 100

63 48.2 36.2 54.4

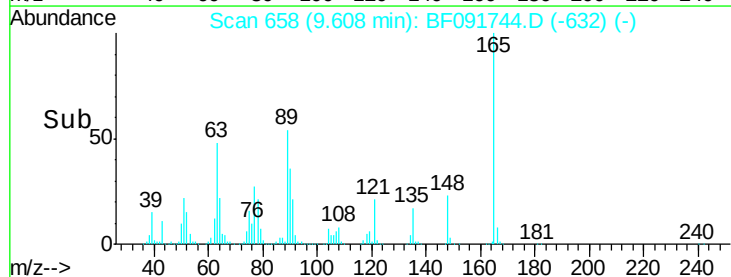
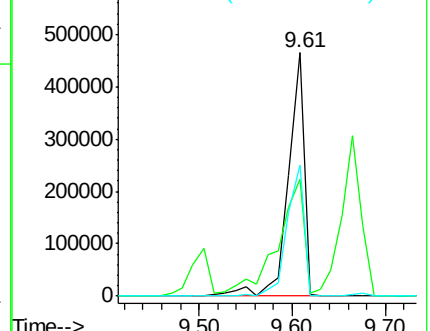
89 53.6 40.2 60.4

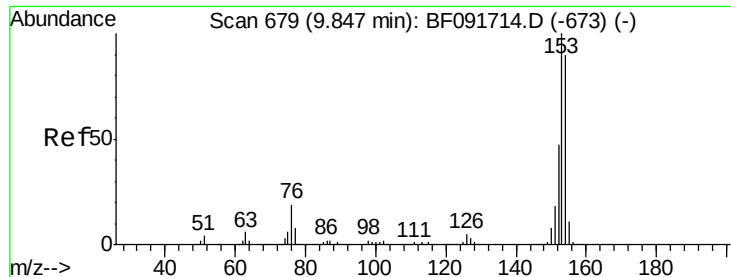


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.57 ng

RT: 9.85 min Scan# 679

Delta R.T. 0.00 min

Lab File: BF091744.D

Acq: 18 Dec 2016 18:52

Instrument :

BNA_F

ClientSampleId :

TP20-COMP6MSD

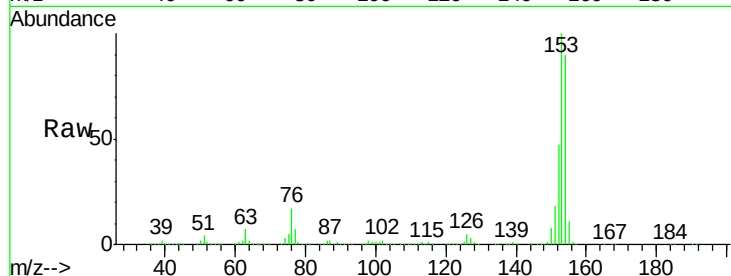
Tot Ion:154 Resp: 1869843

Ion Ratio Lower Upper

154 100

153 111.6 88.6 133.0

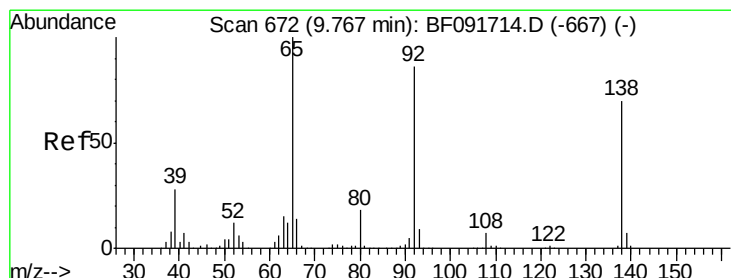
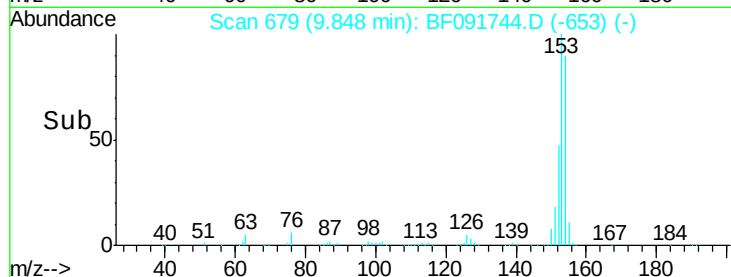
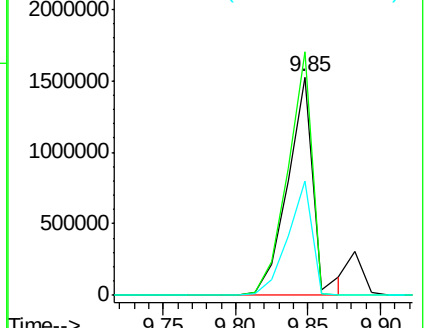
152 52.3 41.6 62.4



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: 21.07 ng

RT: 9.77 min Scan# 672

Delta R.T. 0.00 min

Lab File: BF091744.D

Acq: 18 Dec 2016 18:52

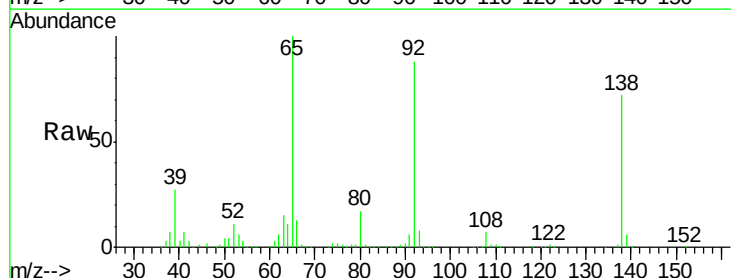
Tgt Ion:138 Resp: 289737

Ion Ratio Lower Upper

138 100

108 10.4 8.5 12.7

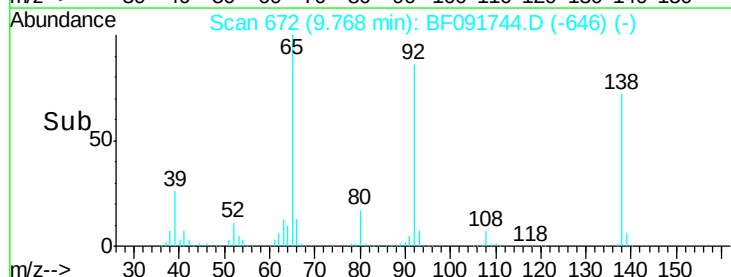
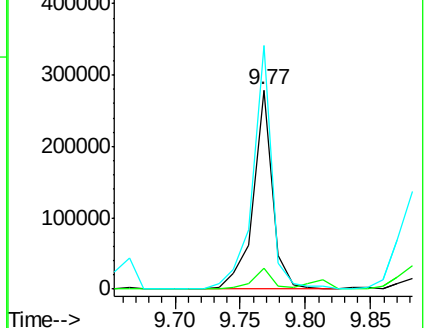
92 122.2 97.8 146.8

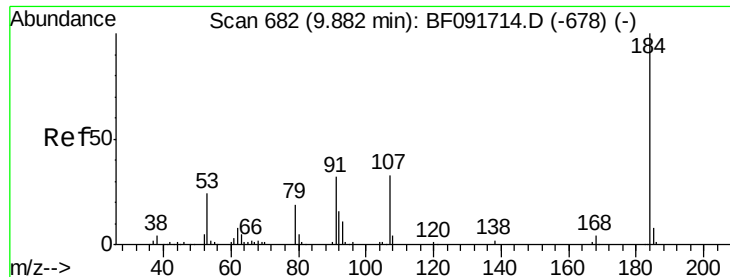


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

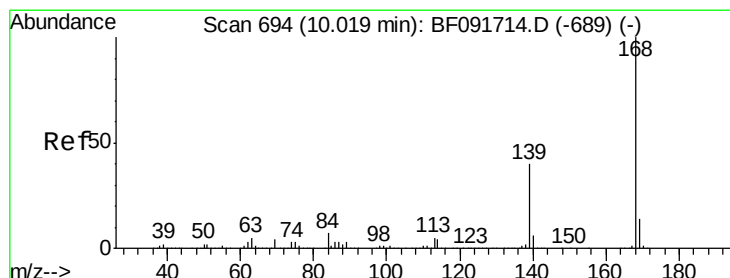
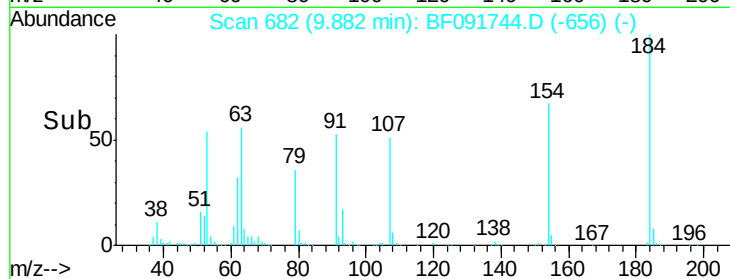
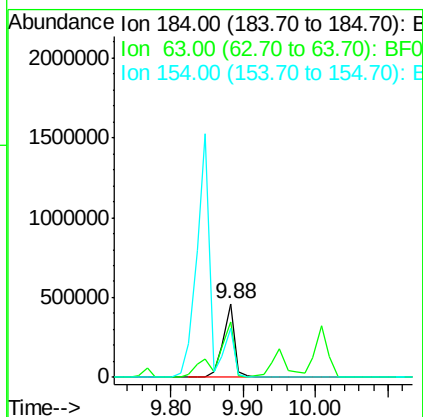
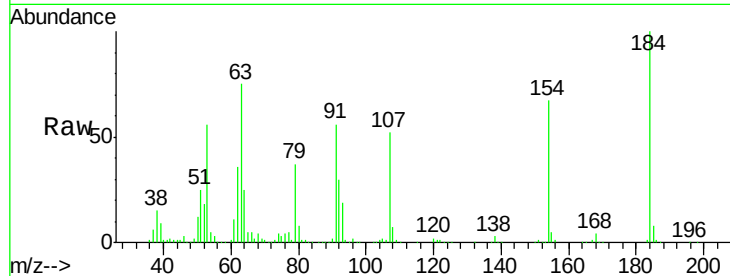




#53
 2,4-Dinitrophenol
 Concen: 88.53 ng
 RT: 9.88 min Scan# 682
 Delta R.T. 0.00 min
 Lab File: BF091744.D
 Acq: 18 Dec 2016 18:52

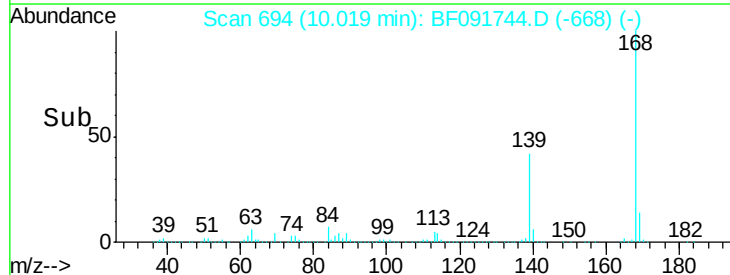
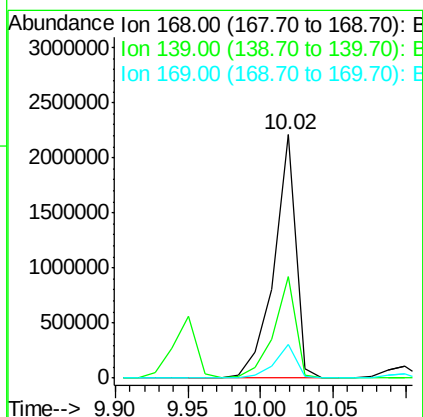
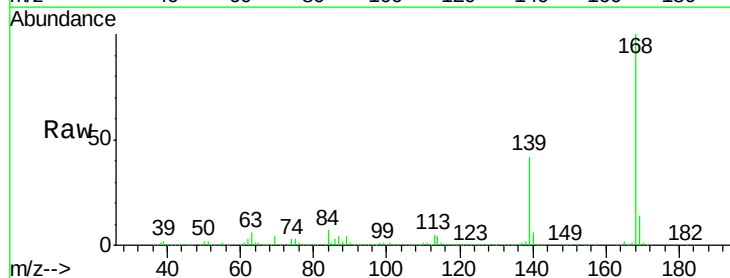
Instrument :
 BNA_F
 ClientSampleId :
 TP20-COMP6MSD

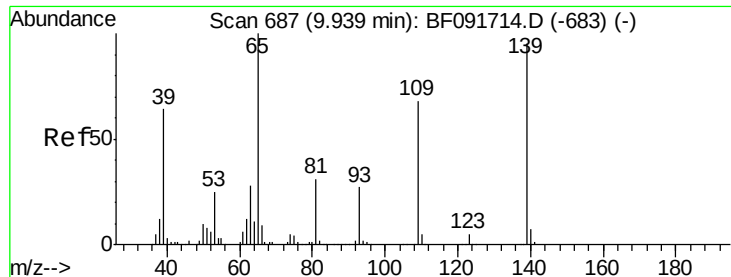
Tot Ion:184 Resp: 528125
 Ion Ratio Lower Upper
 184 100
 63 74.7 28.4 42.6#
 154 66.8 44.3 66.5#



#54
 Dibenzofuran
 Concen: 44.27 ng
 RT: 10.02 min Scan# 694
 Delta R.T. 0.00 min
 Lab File: BF091744.D
 Acq: 18 Dec 2016 18:52

Tgt Ion:168 Resp: 2312277
 Ion Ratio Lower Upper
 168 100
 139 41.7 32.6 49.0
 169 14.0 11.3 16.9





#55

4-Nitrophenol

Concen: 67.31 ng

RT: 9.95 min Scan# 688

Delta R.T. 0.01 min

Lab File: BF091744.D

Acq: 18 Dec 2016 18:52

Instrument :

BNA_F

ClientSampleId :

TP20-COMP6MSD

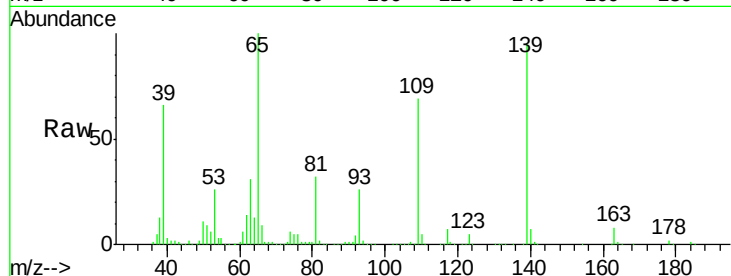
Tot Ion:139 Resp: 642680

Ion Ratio Lower Upper

139 100

109 72.6 52.2 92.2

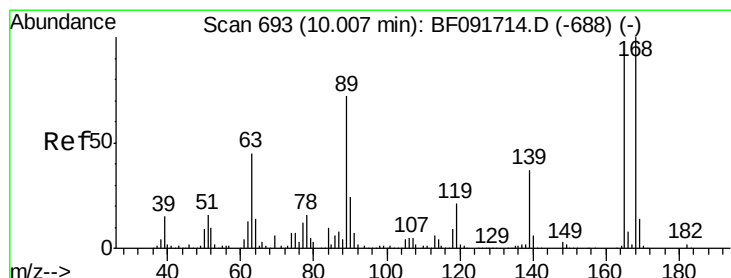
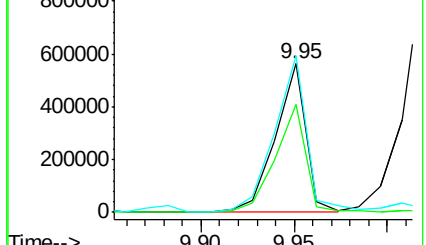
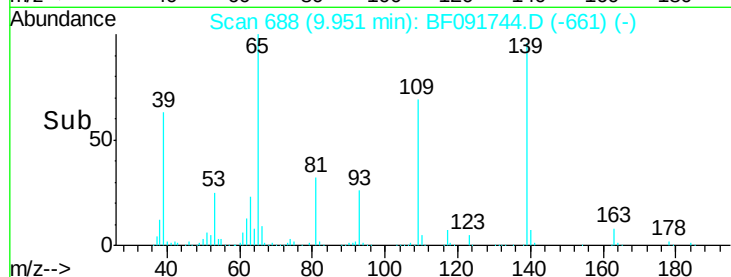
65 105.1 85.8 125.8



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: 39.56 ng

RT: 10.01 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF091744.D

Acq: 18 Dec 2016 18:52

Tgt Ion:165 Resp: 545706

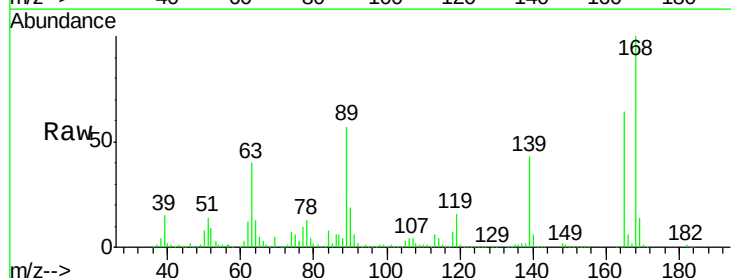
Ion Ratio Lower Upper

165 100

63 62.0 40.2 60.4#

89 89.9 62.5 93.7

182 2.1 1.8 2.8

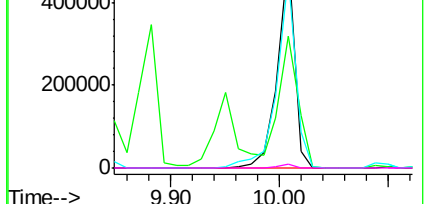
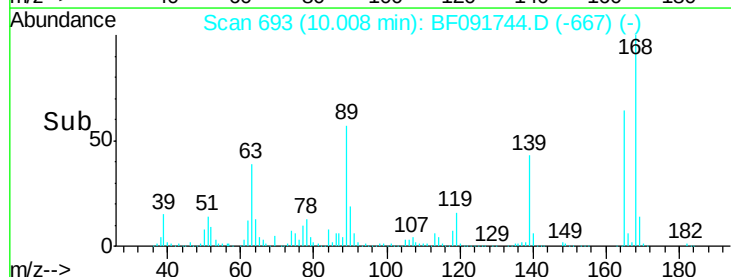


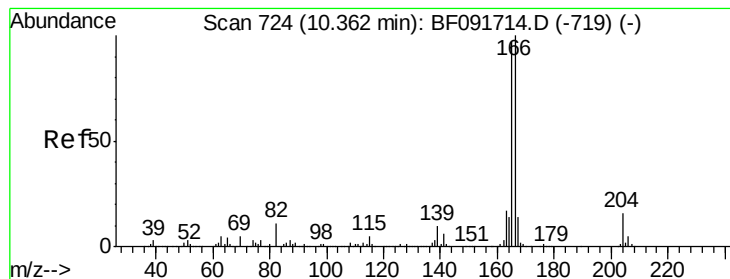
Abundance Ion 165.00 (164.70 to 165.70): E

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: 45.49 ng

RT: 10.36 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF091744.D

Acq: 18 Dec 2016 18:52

Instrument :

BNA_F

ClientSampleId :

TP20-COMP6MSD

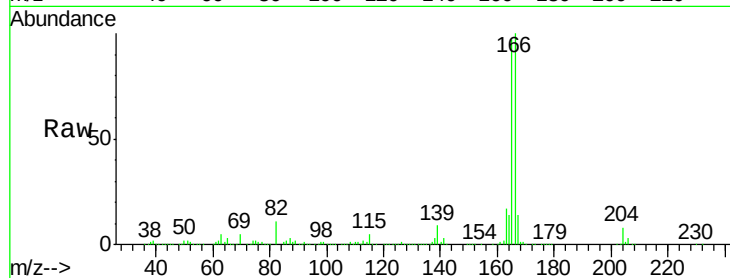
Tot Ion:166 Resp: 1845195

Ion Ratio Lower Upper

166 100

165 97.5 77.8 116.8

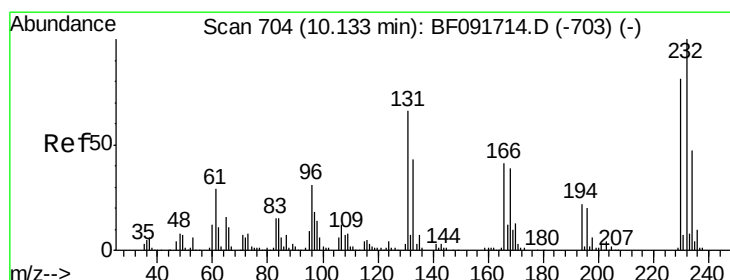
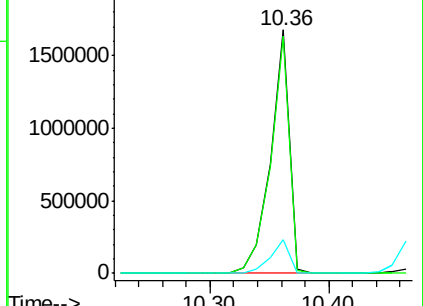
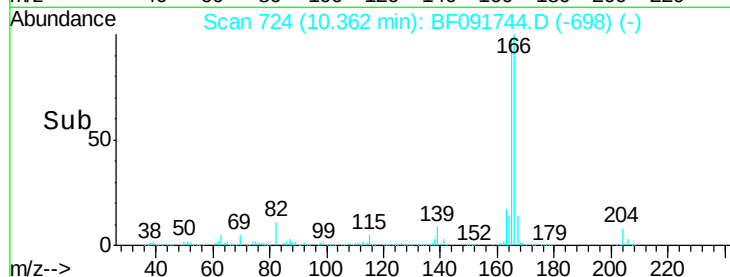
167 13.8 10.8 16.2



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: 41.25 ng

RT: 10.13 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF091744.D

Acq: 18 Dec 2016 18:52

Tgt Ion:232 Resp: 460120

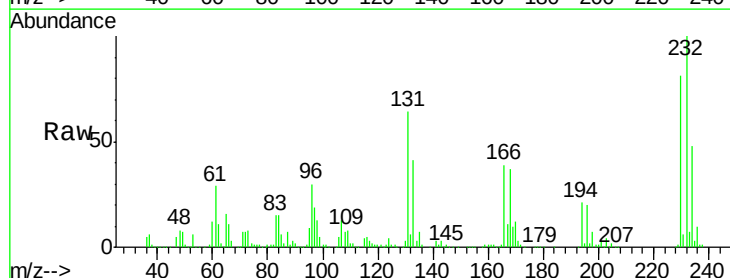
Ion Ratio Lower Upper

232 100

131 50.3 40.1 60.1

130 2.4 1.8 2.8

166 32.9 26.6 39.8

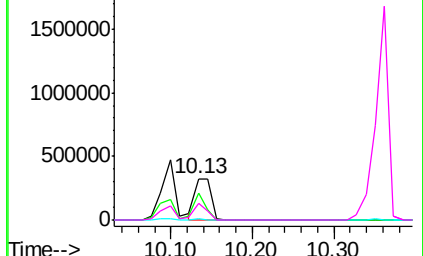
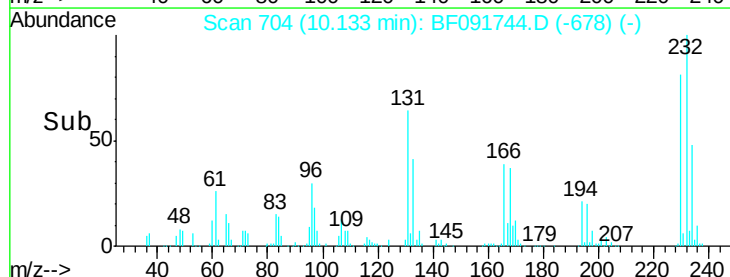


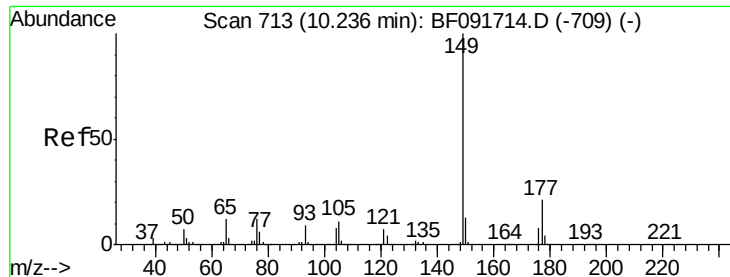
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

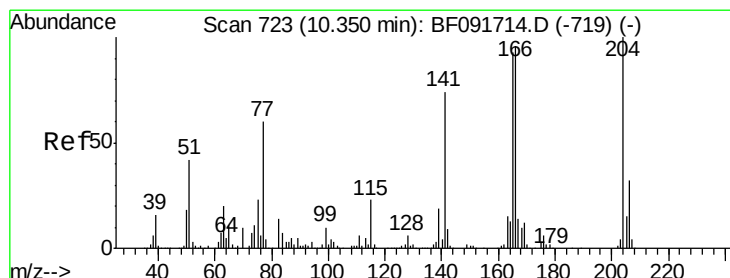
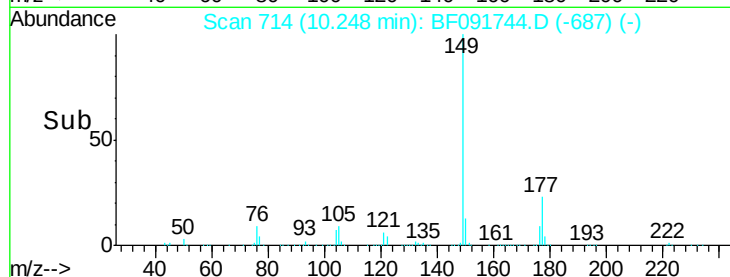
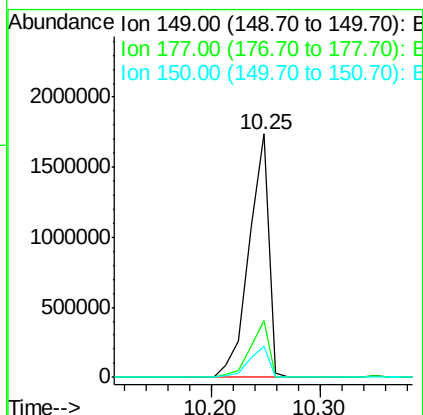
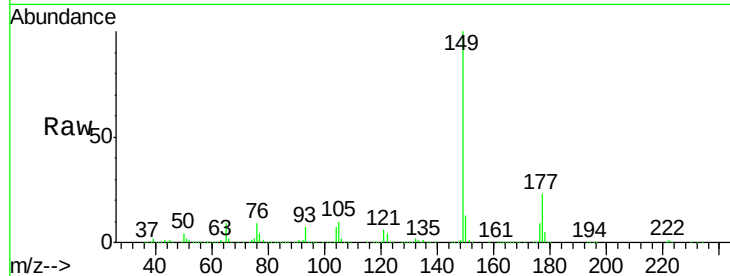




#59
Diethylphthalate
Concen: 44.10 ng
RT: 10.25 min Scan# 714
Delta R.T. 0.01 min
Lab File: BF091744.D
Acq: 18 Dec 2016 18:52

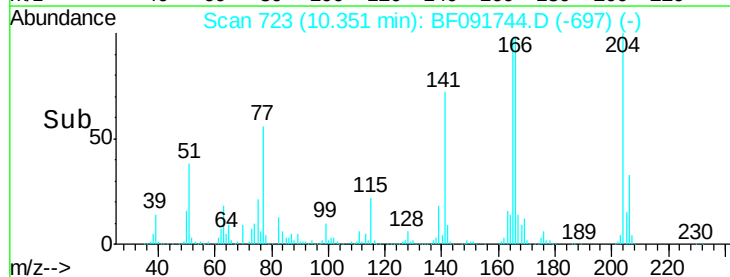
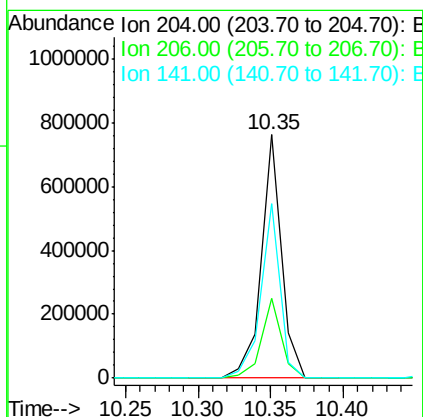
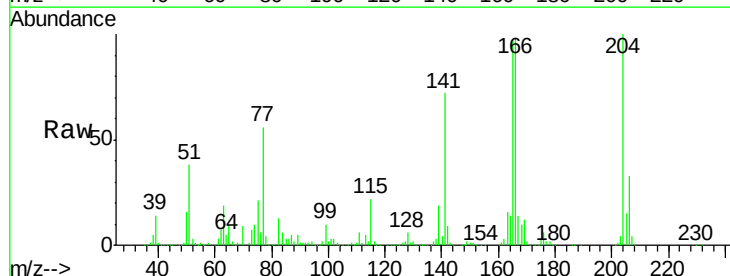
Instrument :
BNA_F
ClientSampleId :
TP20-COMP6MSD

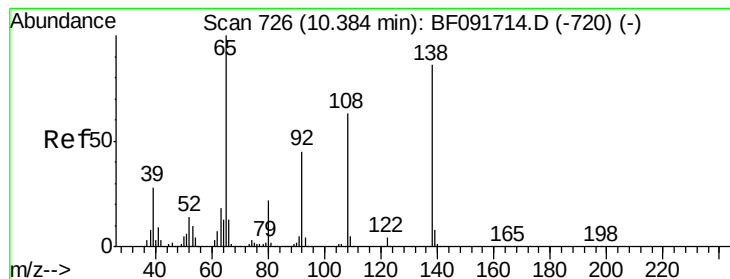
Tot Ion:149 Resp: 2183469
Ion Ratio Lower Upper
149 100
177 23.3 16.6 25.0
150 12.6 10.4 15.6



#60
4-Chlorophenyl-phenylether
Concen: 39.77 ng
RT: 10.35 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF091744.D
Acq: 18 Dec 2016 18:52

Tgt Ion:204 Resp: 734967
Ion Ratio Lower Upper
204 100
206 32.6 25.8 38.6
141 71.9 59.4 89.0

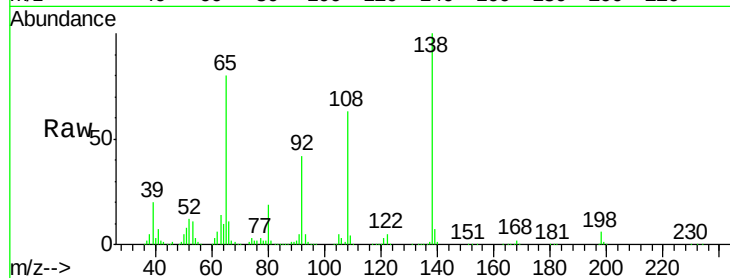




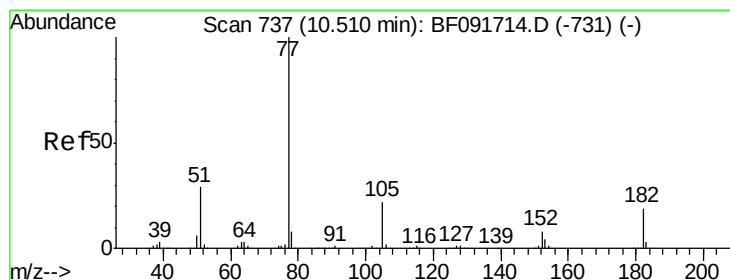
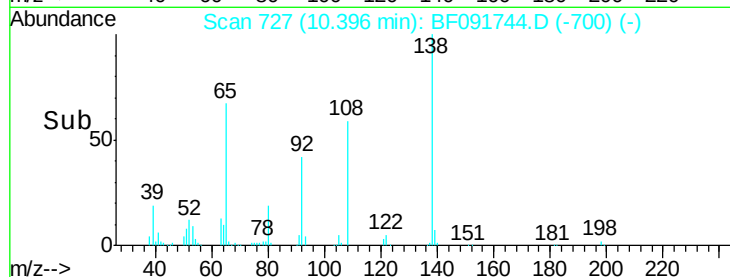
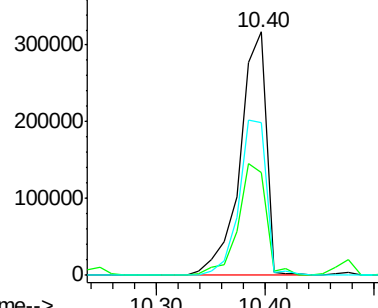
#61
4-Nitroaniline
Concen: 40.80 ng
RT: 10.40 min Scan# 727
Delta R.T. 0.01 min
Lab File: BF091744.D
Acq: 18 Dec 2016 18:52

Instrument :
BNA_F
ClientSampleId :
TP20-COMP6MSD

Tot Ion:138 Resp: 531491
Ion Ratio Lower Upper
138 100
92 42.3 31.7 71.7
108 62.9 52.6 92.6

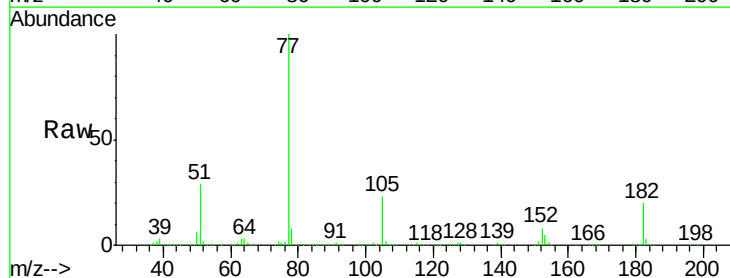


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

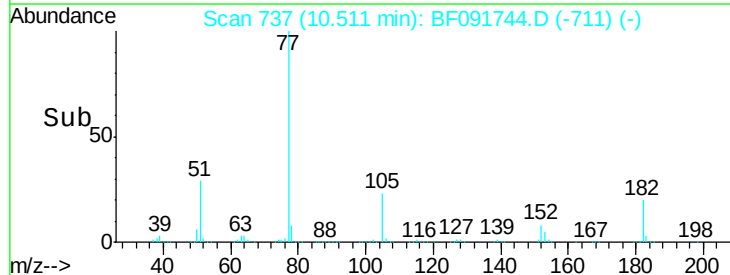
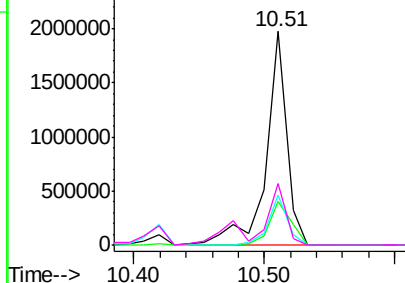


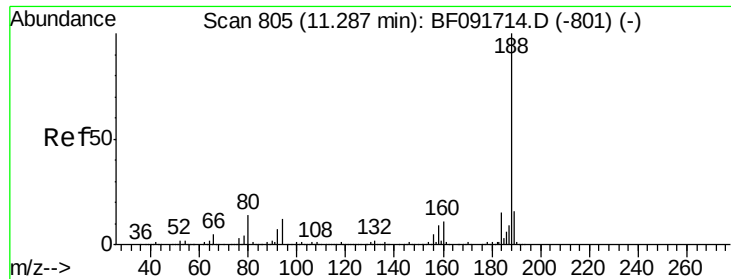
#62
Azobenzene
Concen: 42.08 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF091744.D
Acq: 18 Dec 2016 18:52

Tgt Ion: 77 Resp: 2216840
Ion Ratio Lower Upper
77 100
182 20.2 0.0 39.3
105 23.2 2.3 42.3
51 29.1 8.9 48.9



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF091744.D

Acq: 18 Dec 2016 18:52

Instrument :

BNA_F

ClientSampleId :

TP20-COMP6MSD

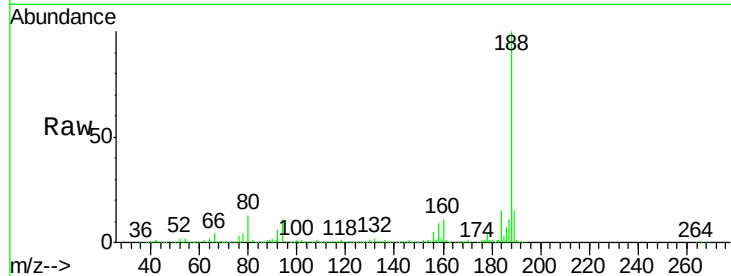
Tot Ion:188 Resp: 1153321

Ion Ratio Lower Upper

188 100

94 11.5 10.0 15.0

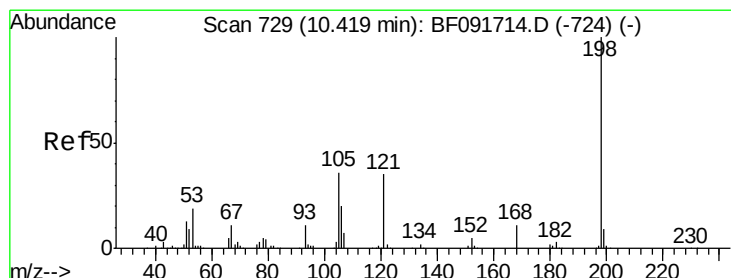
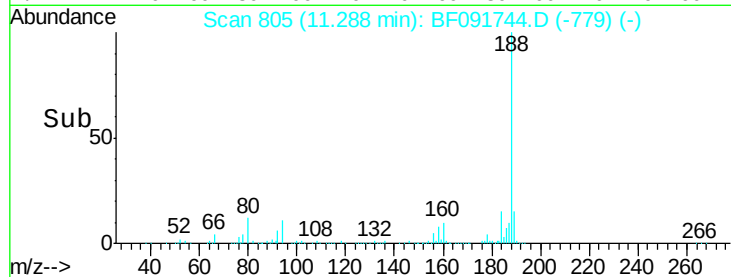
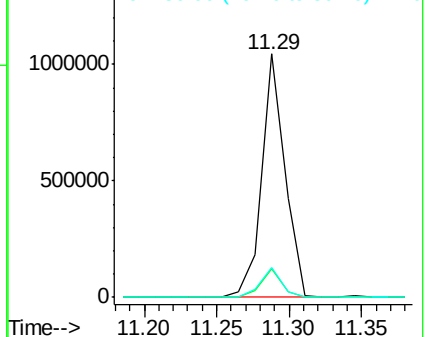
80 12.5 11.2 16.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 48.20 ng

RT: 10.42 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF091744.D

Acq: 18 Dec 2016 18:52

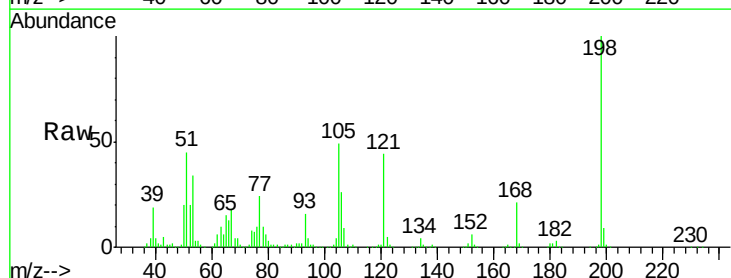
Tgt Ion:198 Resp: 366652

Ion Ratio Lower Upper

198 100

51 45.0 6.7 46.7

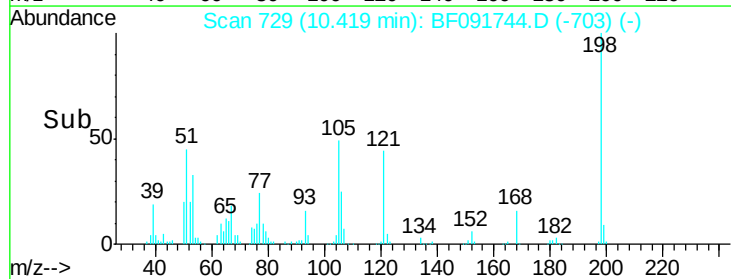
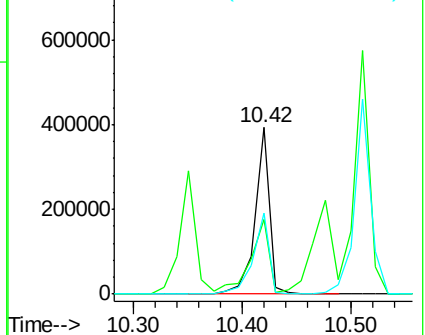
105 48.8 16.6 56.6

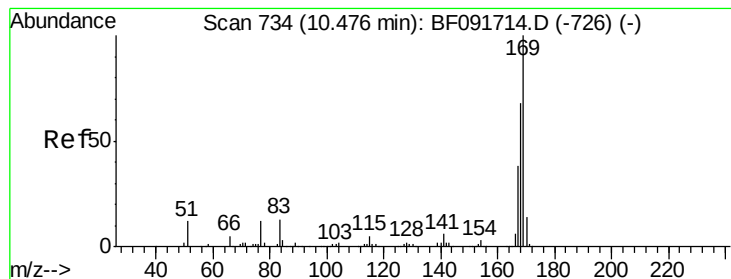


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

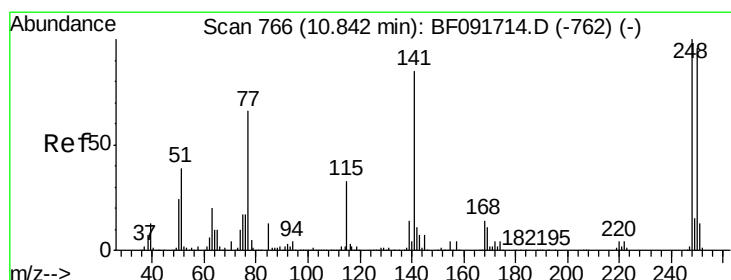
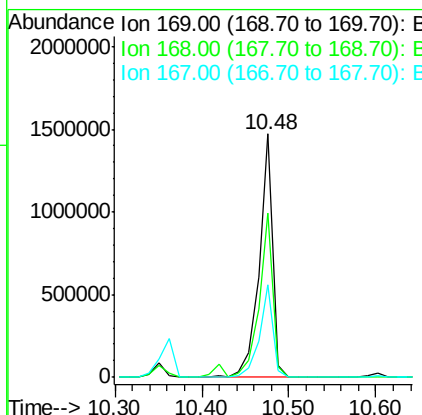
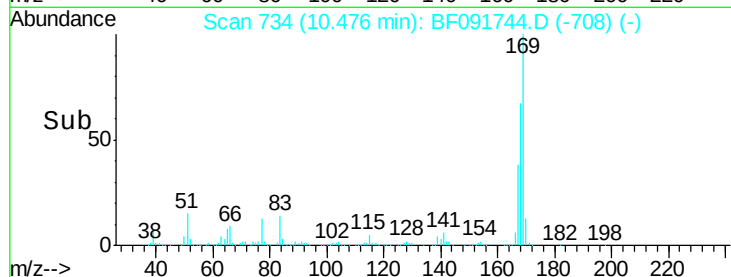
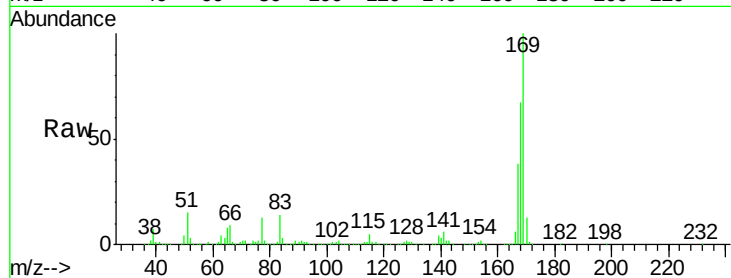




#65
 n-Nitrosodiphenylamine
 Concen: 44.95 ng
 RT: 10.48 min Scan# 734
 Delta R.T. 0.00 min
 Lab File: BF091744.D
 Acq: 18 Dec 2016 18:52

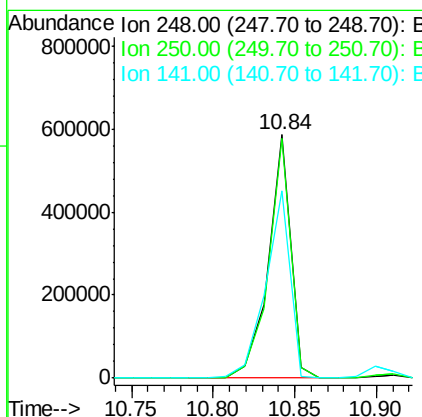
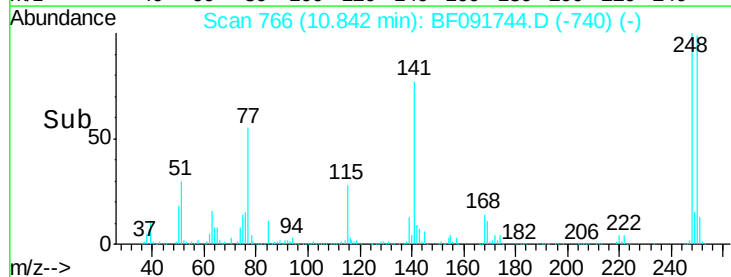
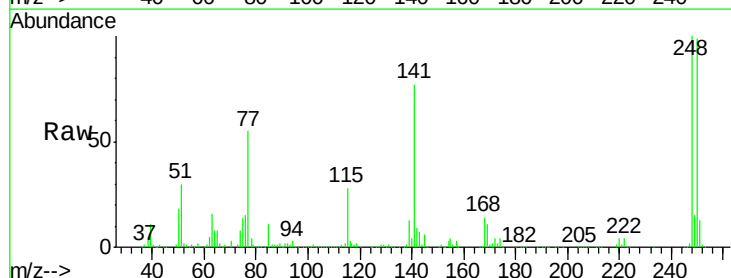
Instrument :
 BNA_F
 ClientSampleId :
 TP20-COMP6MSD

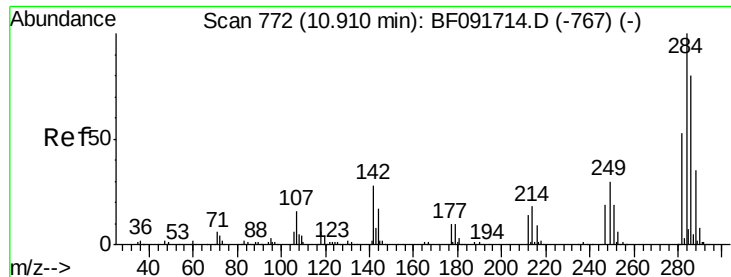
Tot Ion:169 Resp: 1609763
 Ion Ratio Lower Upper
 169 100
 168 67.4 54.2 81.2
 167 38.2 30.2 45.4



#66
 4-Bromophenyl-phenylether
 Concen: 46.55 ng
 RT: 10.84 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: BF091744.D
 Acq: 18 Dec 2016 18:52

Tgt Ion:248 Resp: 563003
 Ion Ratio Lower Upper
 248 100
 250 98.6 76.9 115.3
 141 76.7 68.2 102.4





#67

Hexachlorobenzene

Concen: 47.87 ng

RT: 10.91 min Scan# 772

Delta R.T. 0.00 min

Lab File: BF091744.D

Acq: 18 Dec 2016 18:52

Instrument :

BNA_F

ClientSampleId :

TP20-COMP6MSD

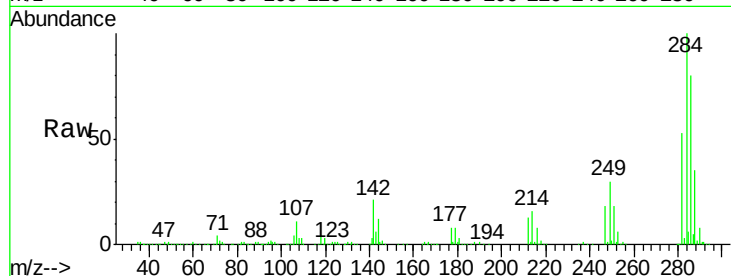
Tot Ion:284 Resp: 606701

Ion Ratio Lower Upper

284 100

142 20.9 22.6 33.8#

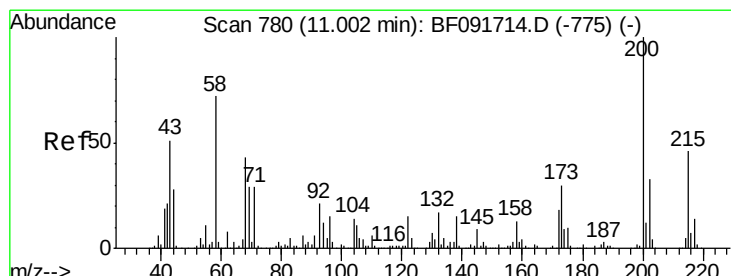
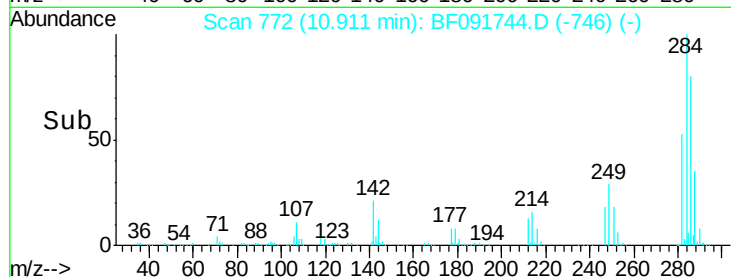
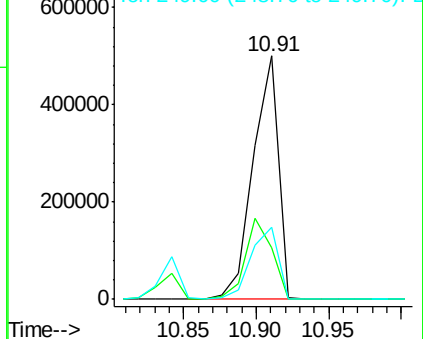
249 29.5 25.4 38.0



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: 21.68 ng

RT: 11.00 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF091744.D

Acq: 18 Dec 2016 18:52

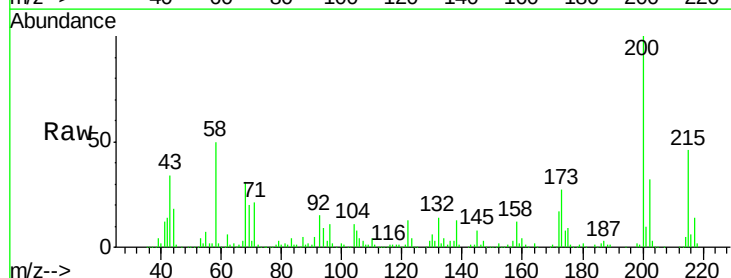
Tgt Ion:200 Resp: 234600

Ion Ratio Lower Upper

200 100

173 27.1 9.6 49.6

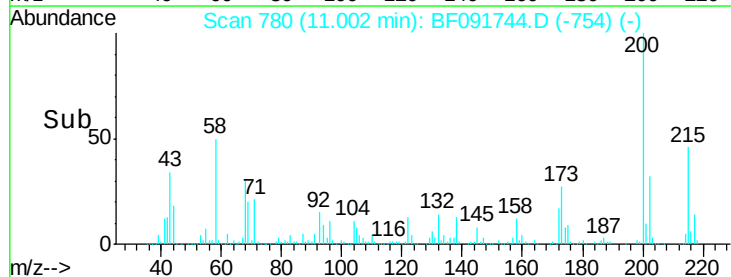
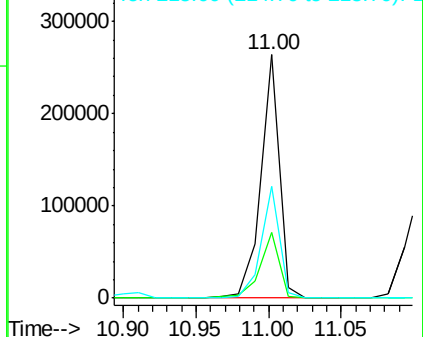
215 45.9 25.7 65.7

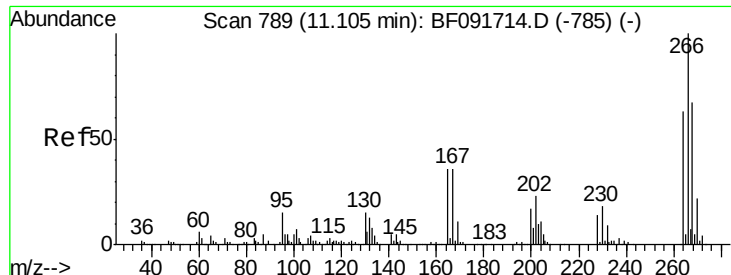


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

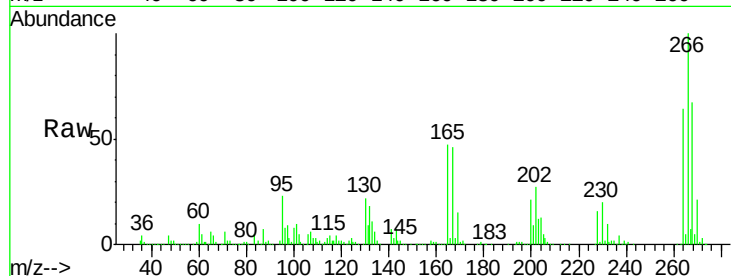




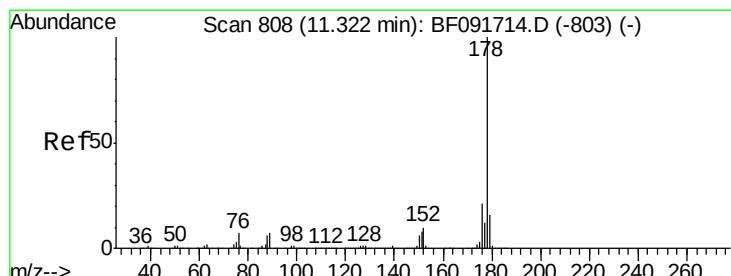
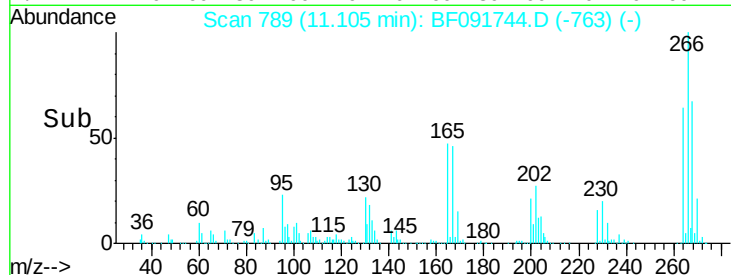
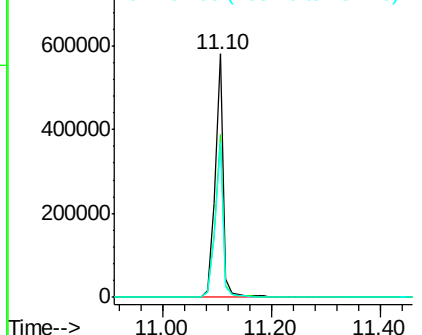
#69
 Pentachlorophenol
 Concen: 91.88 ng
 RT: 11.10 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF091744.D
 Acq: 18 Dec 2016 18:52

Instrument :
 BNA_F
 ClientSampleId :
 TP20-COMP6MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.8	53.3	79.9
264	63.7	50.3	75.5

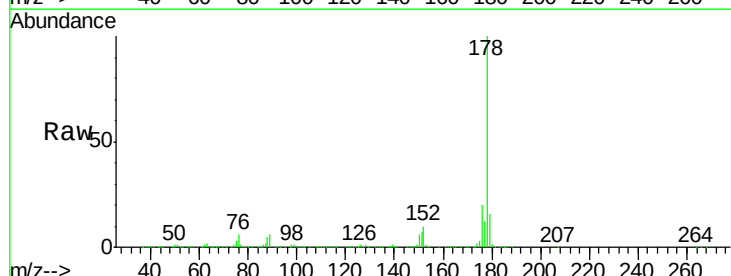


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

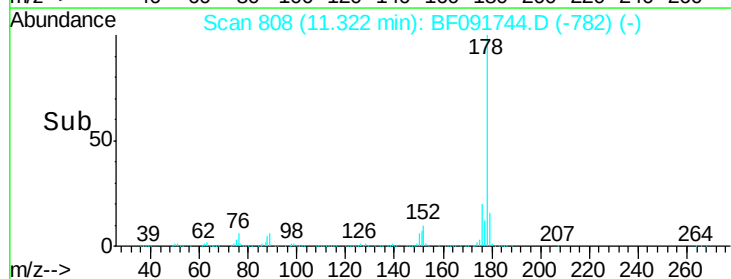
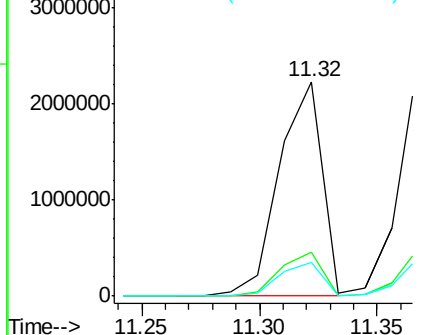


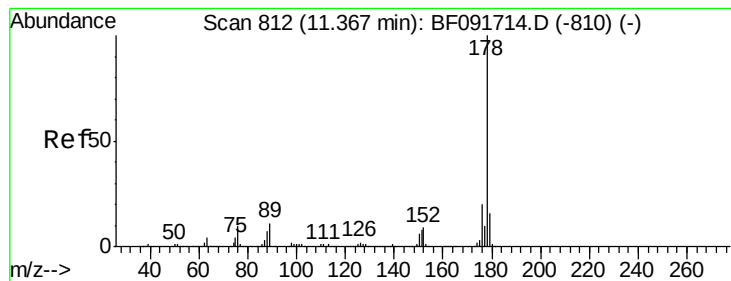
#70
 Phenanthrene
 Concen: 49.35 ng m
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF091744.D
 Acq: 18 Dec 2016 18:52

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.6	25.0
179	15.9	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: 40.99 ng/mL

RT: 11.37 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF091744.D

Acq: 18 Dec 2016 18:52

Instrument :

BNA_F

ClientSampleId :

TP20-COMP6MSD

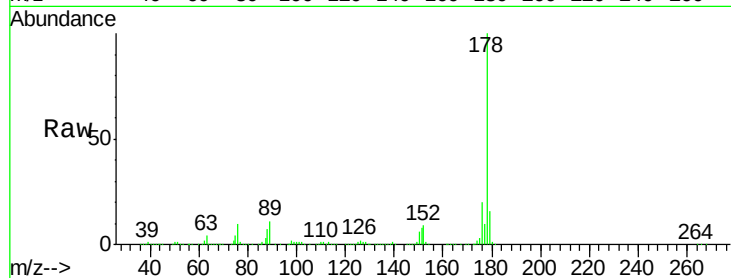
Tot Ion:178 Resp: 2501744

Ion Ratio Lower Upper

178 100

176 20.1 15.9 23.9

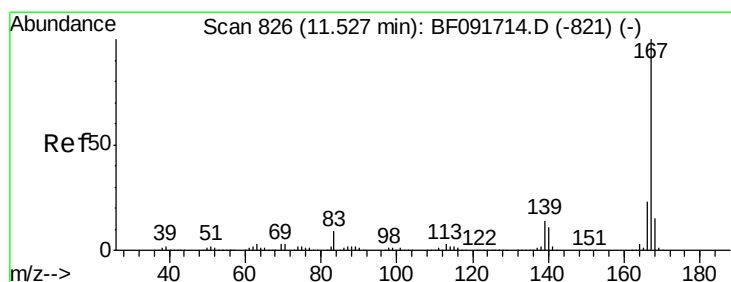
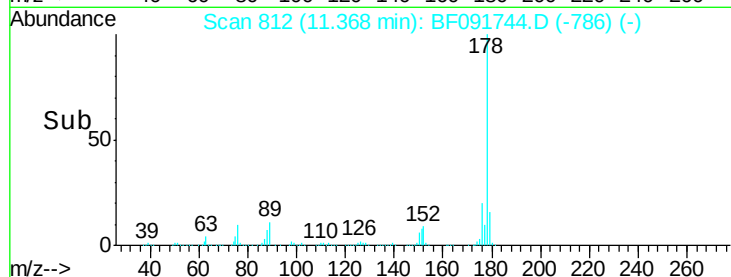
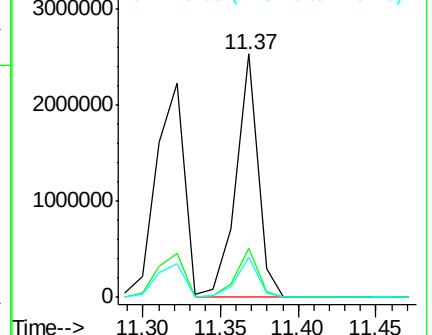
179 16.4 13.2 19.8



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: 48.05 ng/mL

RT: 11.53 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF091744.D

Acq: 18 Dec 2016 18:52

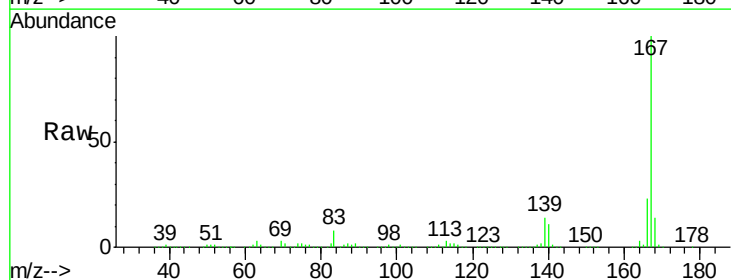
Tgt Ion:167 Resp: 2564765

Ion Ratio Lower Upper

167 100

166 22.6 18.2 27.2

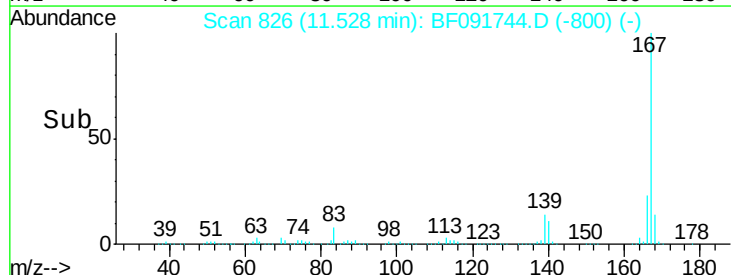
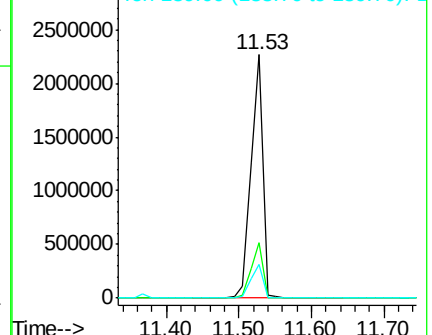
139 13.7 11.4 17.2

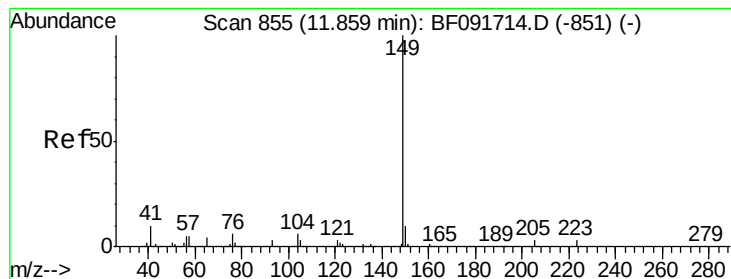


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.19 ng

RT: 11.86 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF091744.D

Acq: 18 Dec 2016 18:52

Instrument :

BNA_F

ClientSampleId :

TP20-COMP6MSD

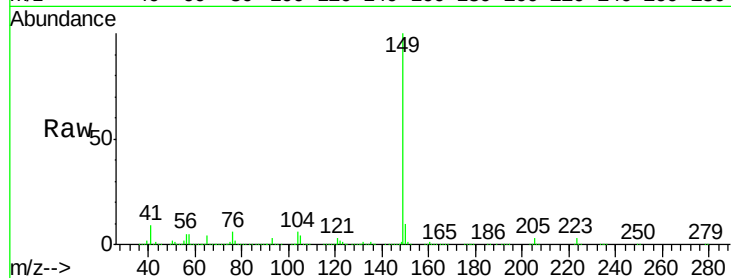
Tot Ion:149 Resp: 2818808

Ion Ratio Lower Upper

149 100

150 10.2 8.1 12.1

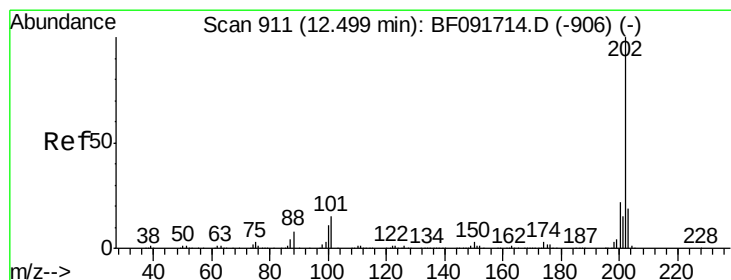
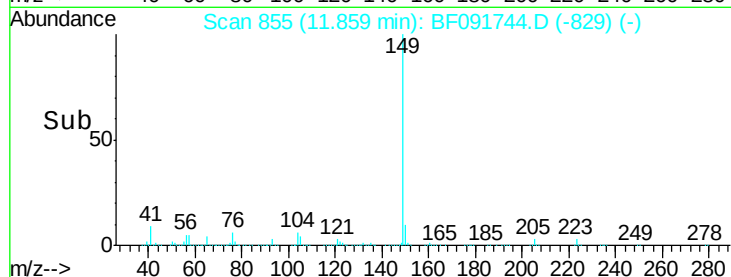
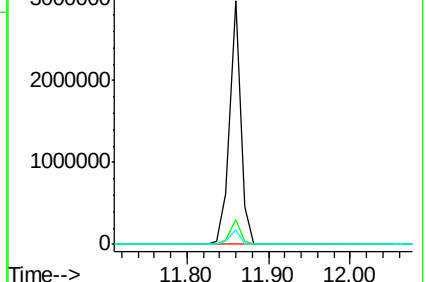
104 5.9 4.6 7.0



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: 40.31 ng

RT: 12.50 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF091744.D

Acq: 18 Dec 2016 18:52

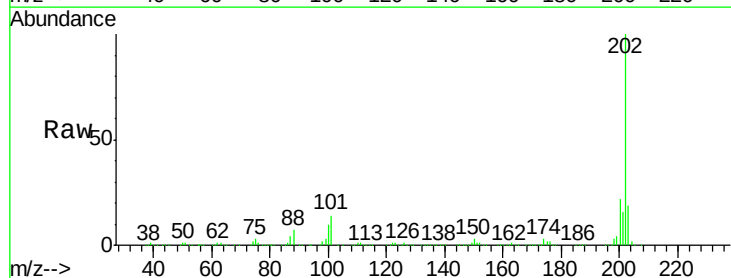
Tgt Ion:202 Resp: 2426145

Ion Ratio Lower Upper

202 100

101 13.9 0.0 34.6

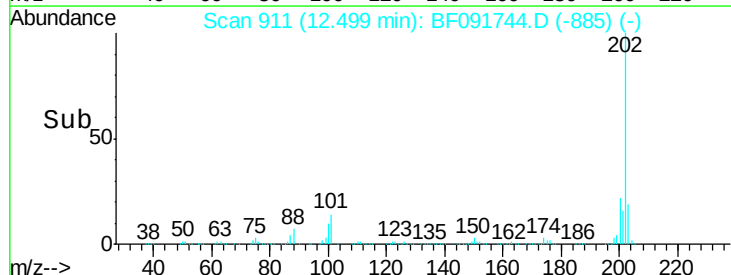
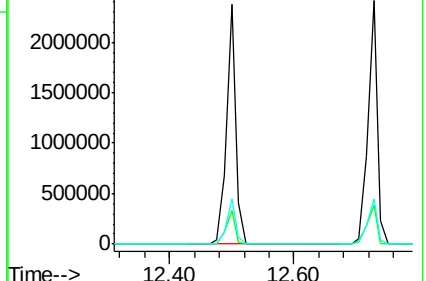
203 18.6 0.0 38.7

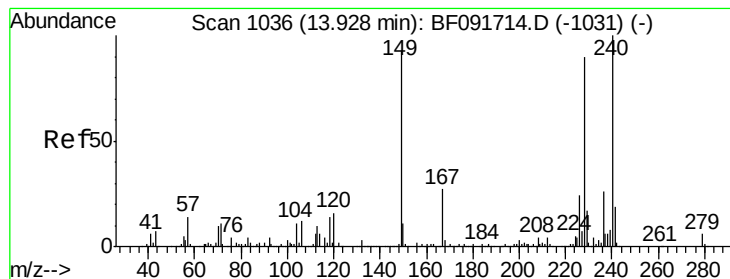


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF091744.D

Acq: 18 Dec 2016 18:52

Instrument :

BNA_F

ClientSampleId :

TP20-COMP6MSD

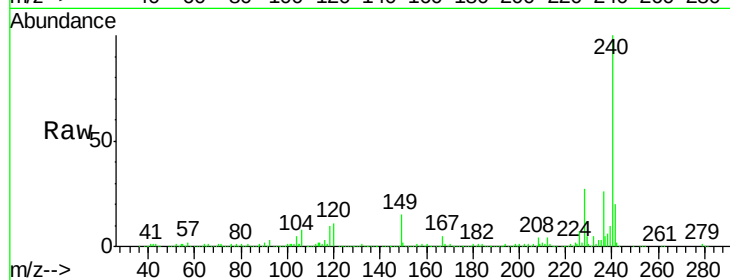
Tot Ion:240 Resp: 871180

Ion Ratio Lower Upper

240 100

120 11.5 12.9 19.3#

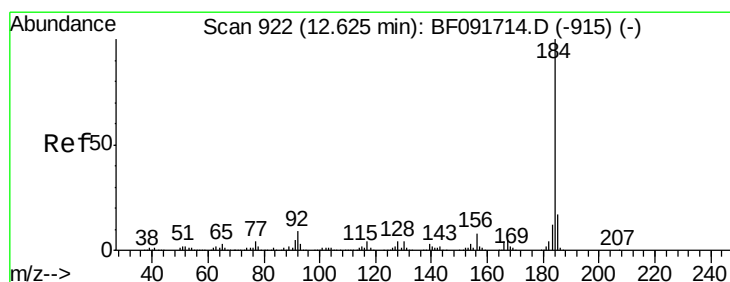
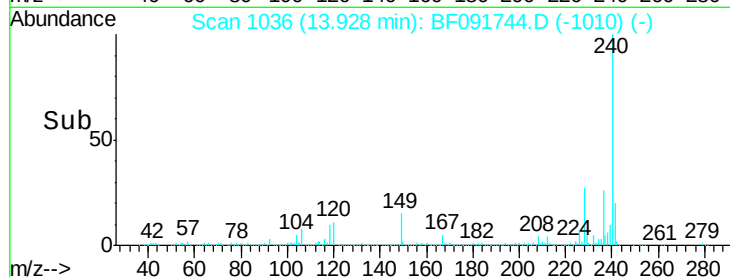
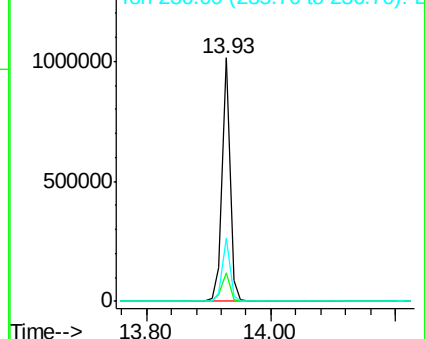
236 26.0 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 6.95 ng

RT: 12.63 min Scan# 922

Delta R.T. 0.00 min

Lab File: BF091744.D

Acq: 18 Dec 2016 18:52

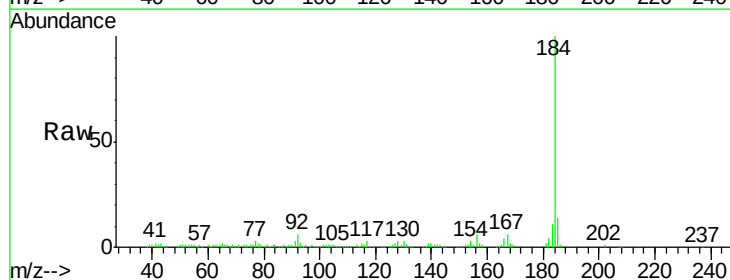
Tgt Ion:184 Resp: 174197

Ion Ratio Lower Upper

184 100

185 14.4 13.4 20.0

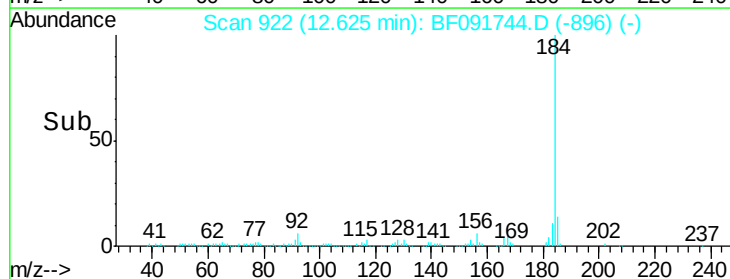
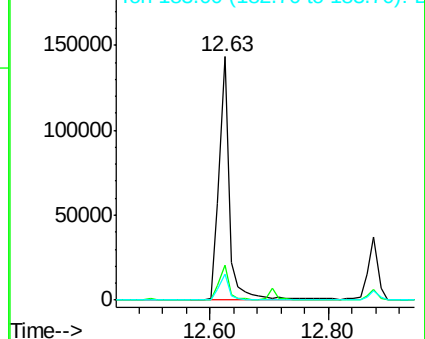
183 10.7 9.2 13.8

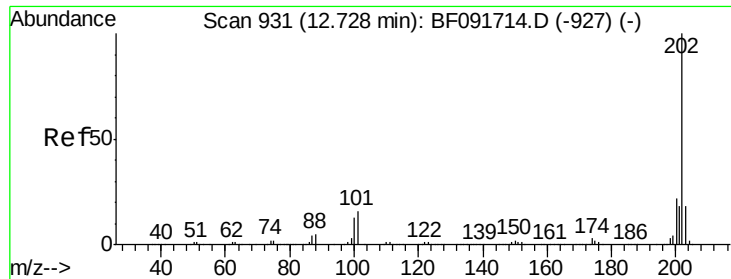


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

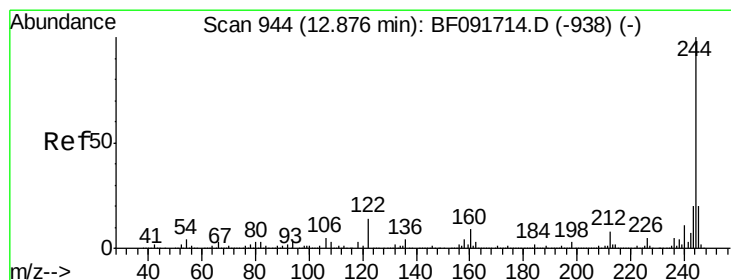
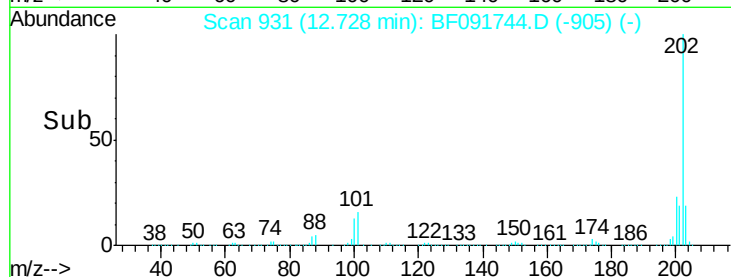
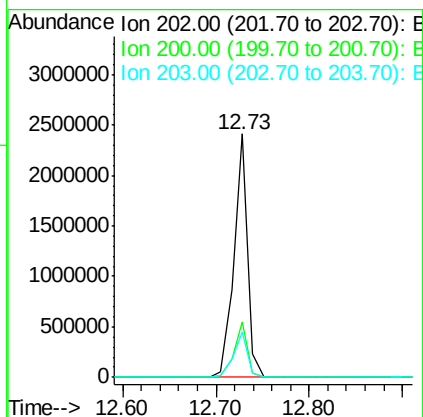
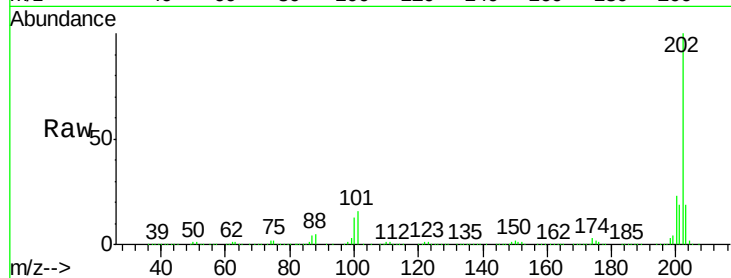




#77
Pvrene
Concen: 39.13 ng
RT: 12.73 min Scan# 931
Delta R.T. 0.00 min
Lab File: BF091744.D
Acq: 18 Dec 2016 18:52

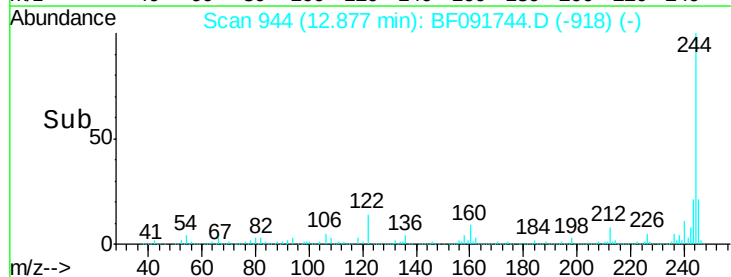
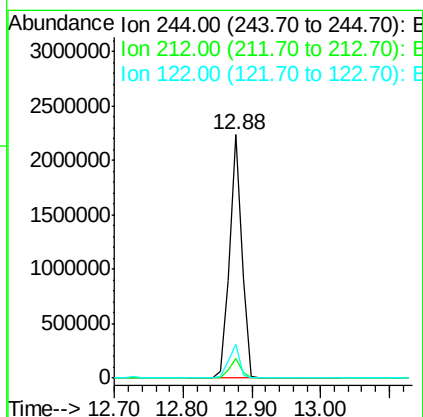
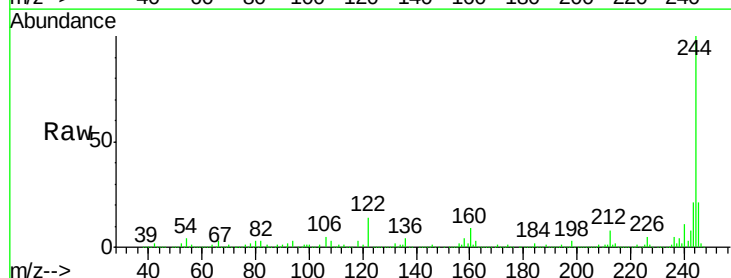
Instrument :
BNA_F
ClientSampleId :
TP20-COMP6MSD

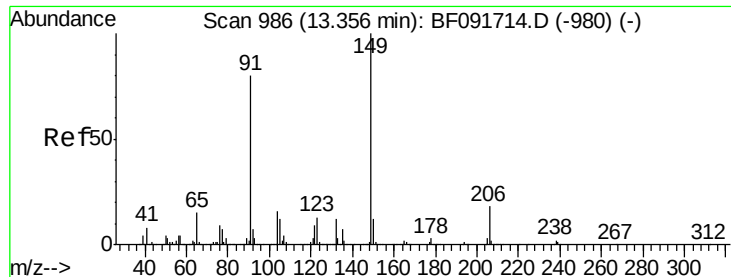
Tot Ion:202 Resp: 2461818
Ion Ratio Lower Upper
202 100
200 22.8 17.7 26.5
203 18.6 14.7 22.1



#78
Terphenyl-d14
Concen: 82.66 ng
RT: 12.88 min Scan# 944
Delta R.T. 0.00 min
Lab File: BF091744.D
Acq: 18 Dec 2016 18:52

Tgt Ion:244 Resp: 2851986
Ion Ratio Lower Upper
244 100
212 7.8 6.2 9.2
122 14.0 11.4 17.2

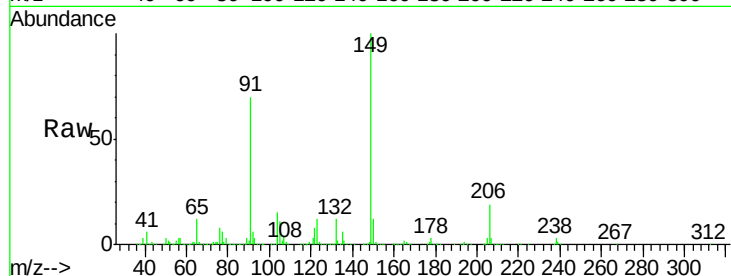




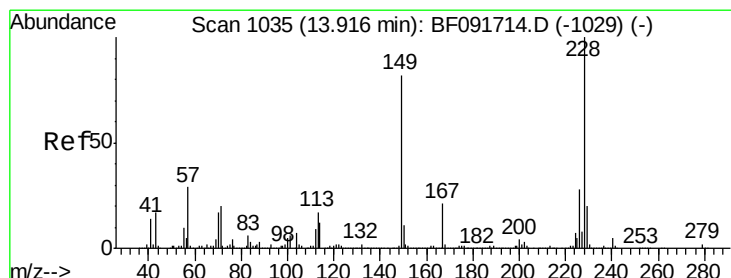
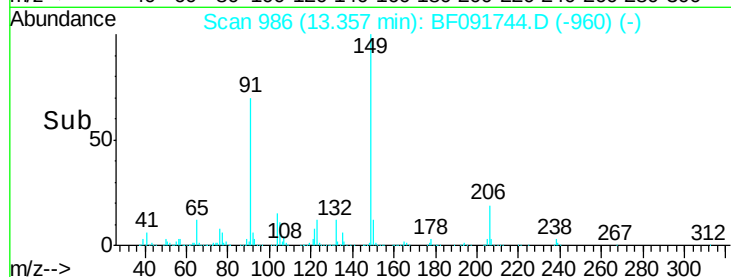
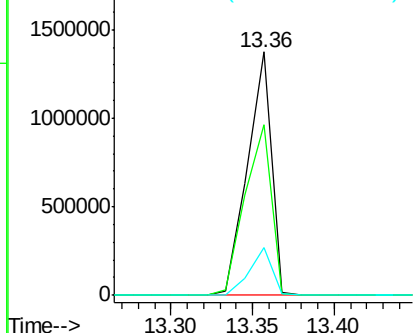
#79
Butylbenzylphthalate
Concen: 47.80 ng
RT: 13.36 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF091744.D
Acq: 18 Dec 2016 18:52

Instrument :
BNA_F
ClientSampleId :
TP20-COMP6MSD

Tot Ion:149 Resp: 1407455
Ion Ratio Lower Upper
149 100
91 70.0 63.9 95.9
206 19.4 14.6 21.8

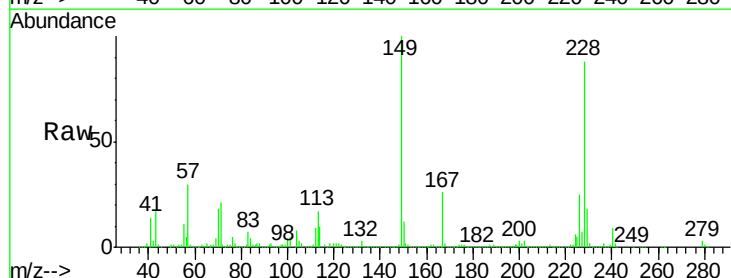


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

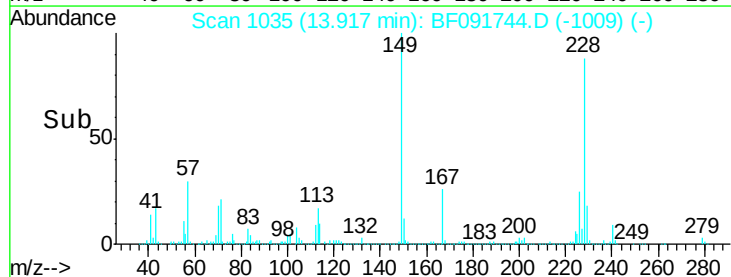
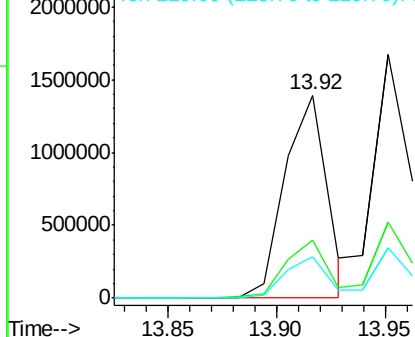


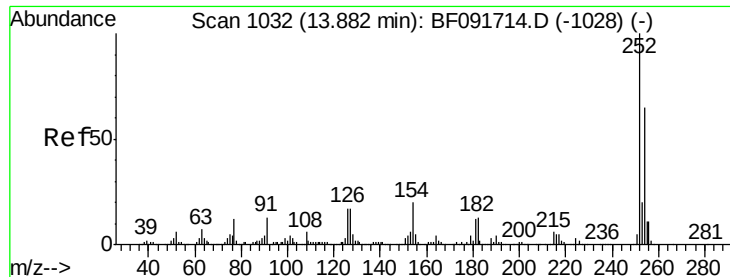
#80
Benzo(a)anthracene
Concen: 37.86 ng
RT: 13.92 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF091744.D
Acq: 18 Dec 2016 18:52

Tgt Ion:228 Resp: 1886656
Ion Ratio Lower Upper
228 100
226 28.6 22.4 33.6
229 20.5 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

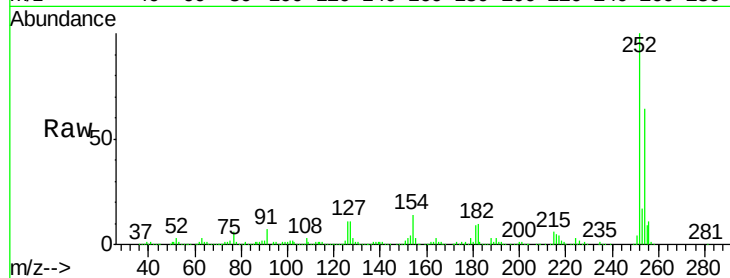




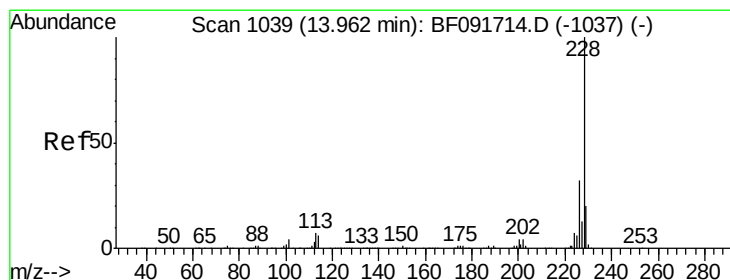
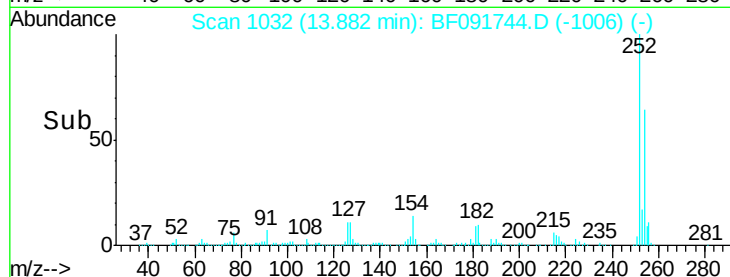
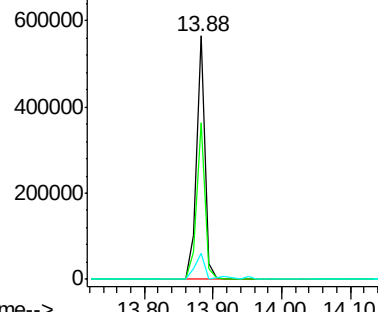
#81
 3,3'-Dichlorobenzidine
 Concen: 24.78 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BF091744.D
 Acq: 18 Dec 2016 18:52

Instrument :
 BNA_F
 ClientSampleId :
 TP20-COMP6MSD

Tot Ion:252 Resp: 494115
 Ion Ratio Lower Upper
 252 100
 254 64.3 52.3 78.5
 126 10.6 13.6 20.4#

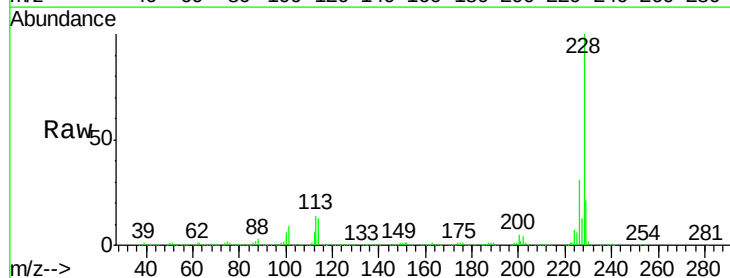


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

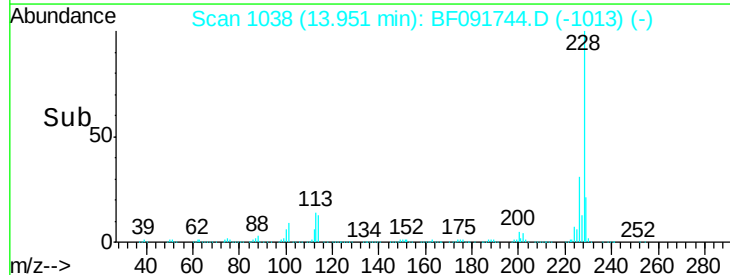
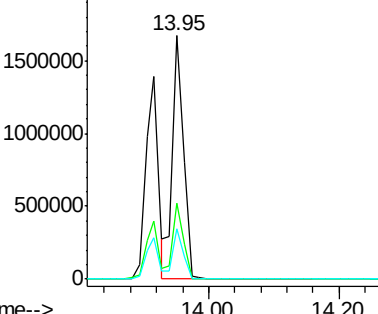


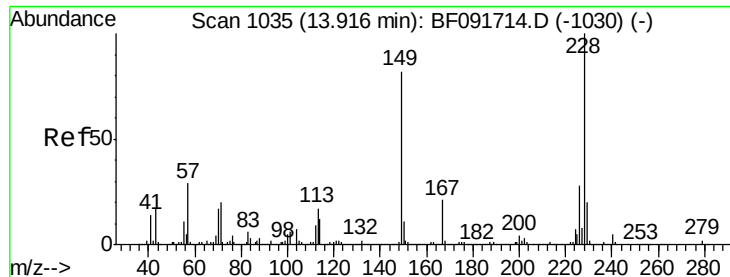
#82
 Chrysene
 Concen: 37.52 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF091744.D
 Acq: 18 Dec 2016 18:52

Tgt Ion:228 Resp: 1937831
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.4 38.0
 229 20.7 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

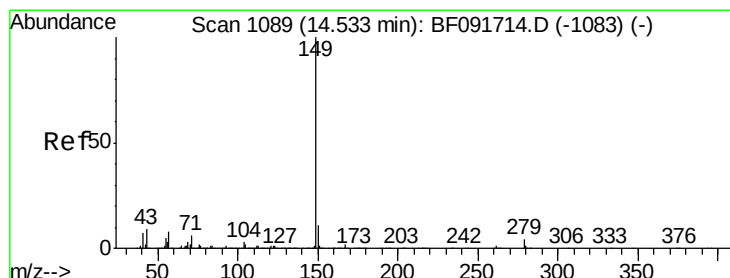
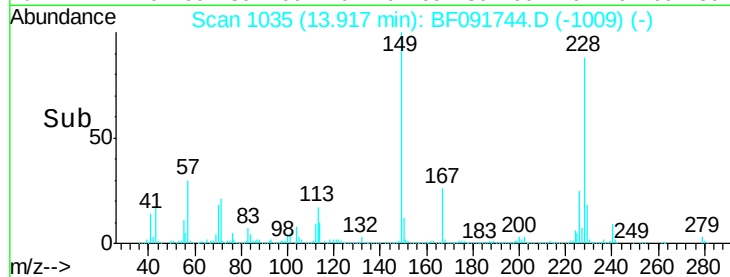
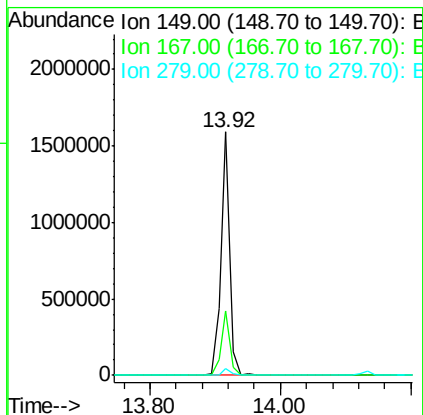
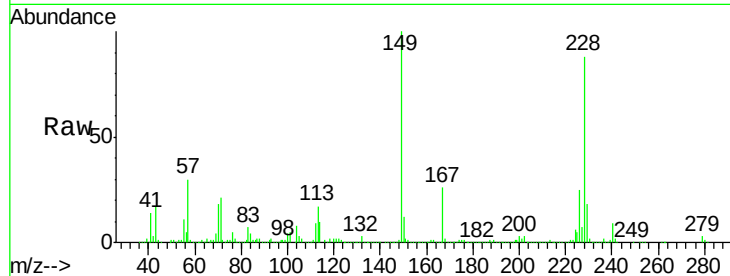




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.85 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF091744.D
 Acq: 18 Dec 2016 18:52

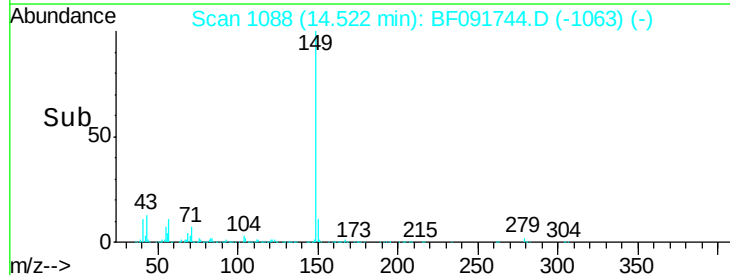
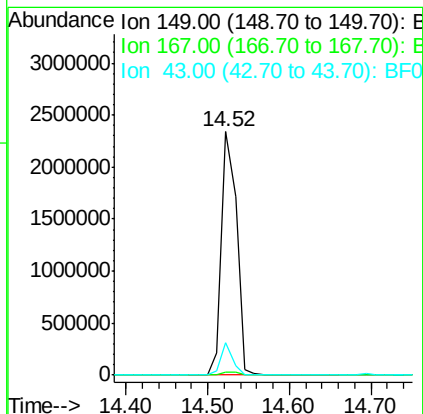
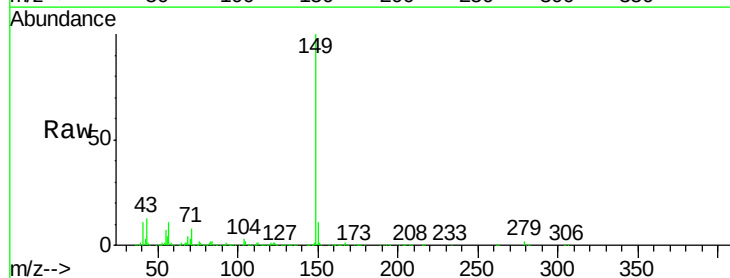
Instrument :
 BNA_F
 ClientSampleId :
 TP20-COMP6MSD

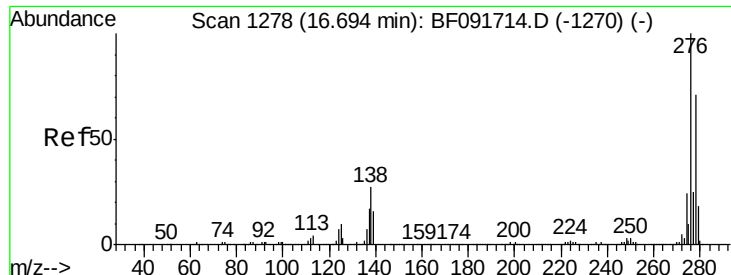
Tot Ion:149 Resp: 1525676
 Ion Ratio Lower Upper
 149 100
 167 26.3 20.2 30.4
 279 3.0 1.8 2.8#



#84
 Di-n-octyl phthalate
 Concen: 43.32 ng
 RT: 14.52 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: BF091744.D
 Acq: 18 Dec 2016 18:52

Tgt Ion:149 Resp: 2981798
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 10.6 8.9 13.3

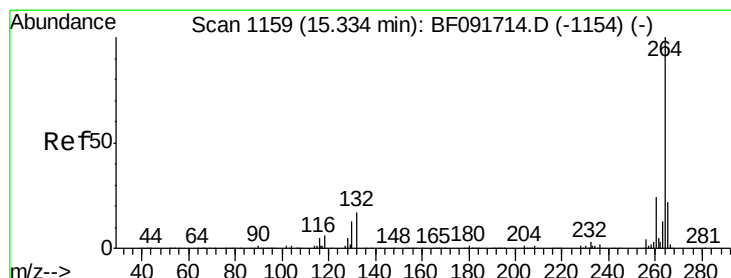
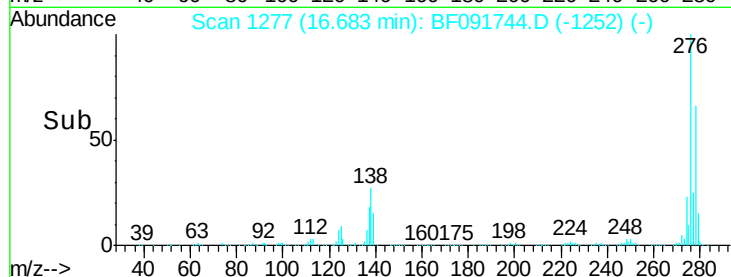
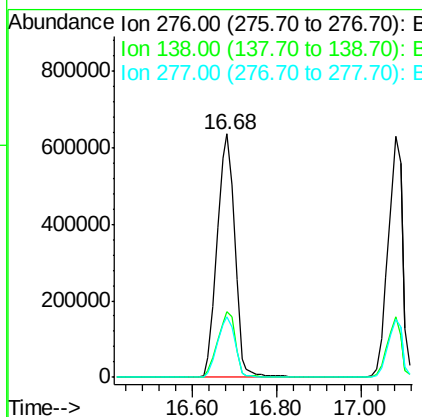
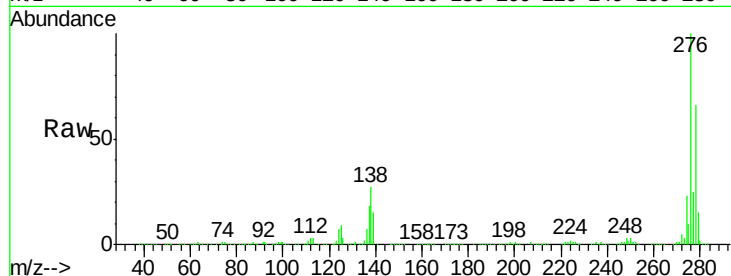




#85
Indeno(1,2,3-cd)pyrene
Concen: 37.07 ng
RT: 16.68 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF091744.D
Acq: 18 Dec 2016 18:52

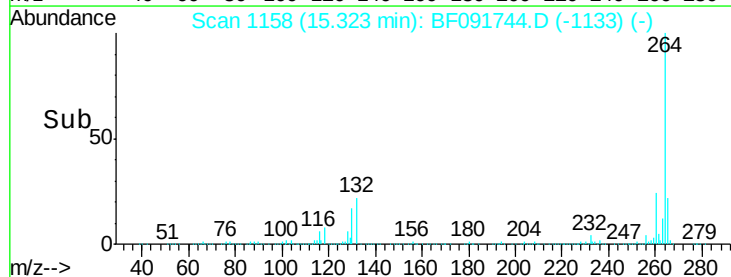
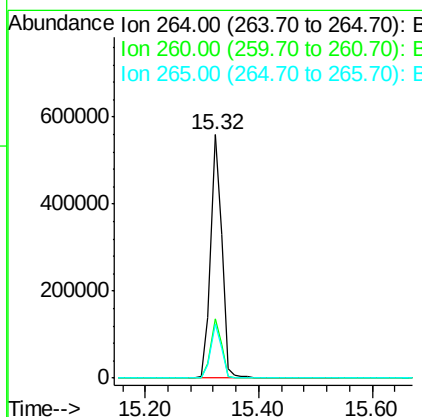
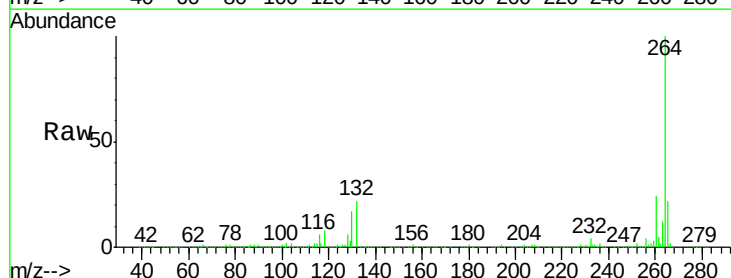
Instrument :
BNA_F
ClientSampleId :
TP20-COMP6MSD

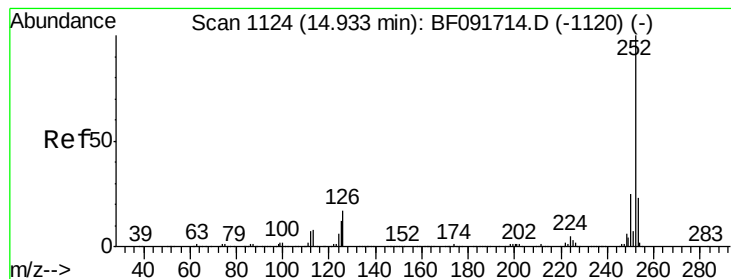
Tot Ion:276 Resp: 1882765
Ion Ratio Lower Upper
276 100
138 27.0 21.8 32.6
277 24.9 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.32 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF091744.D
Acq: 18 Dec 2016 18:52

Tgt Ion:264 Resp: 738918
Ion Ratio Lower Upper
264 100
260 24.1 19.2 28.8
265 22.0 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 45.27 ng

RT: 14.93 min Scan# 1124

Delta R.T. 0.00 min

Lab File: BF091744.D

Acq: 18 Dec 2016 18:52

Instrument :

BNA_F

ClientSampleId :

TP20-COMP6MSD

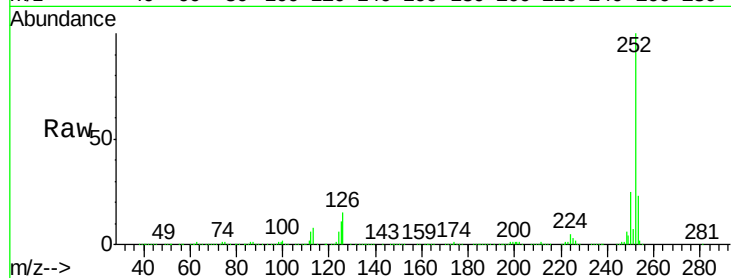
Tot Ion:252 Resp: 2121017

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.4

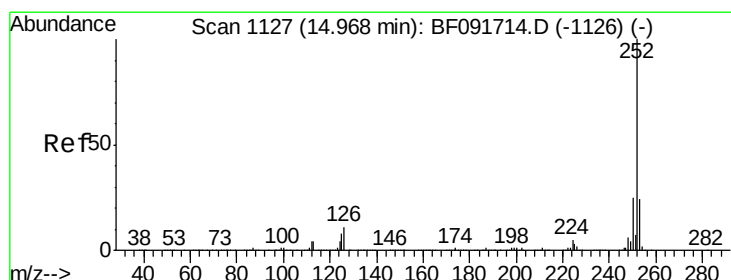
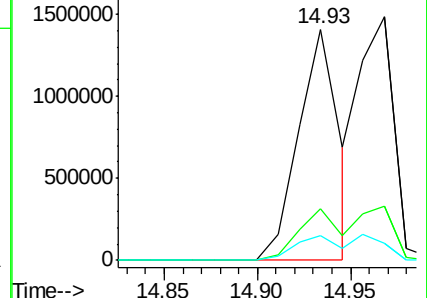
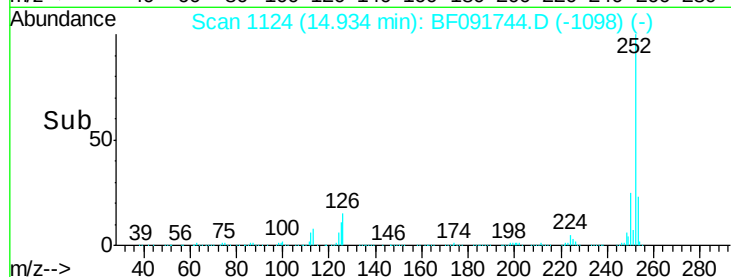
125 10.9 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 58.89 ng m

RT: 14.97 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BF091744.D

Acq: 18 Dec 2016 18:52

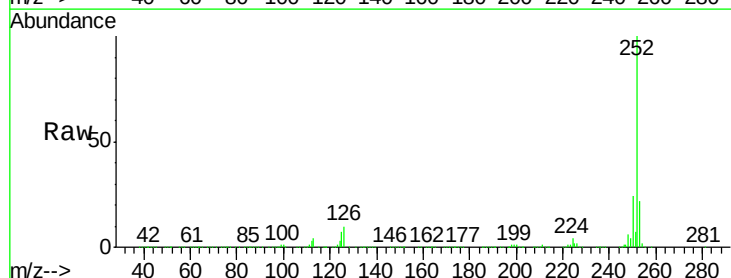
Tgt Ion:252 Resp: 1935972

Ion Ratio Lower Upper

252 100

253 22.1 18.5 27.7

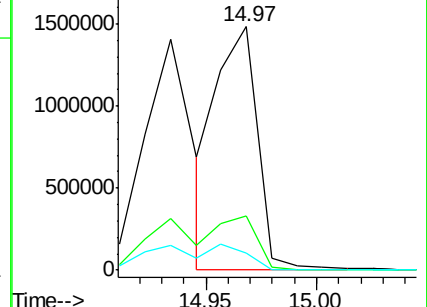
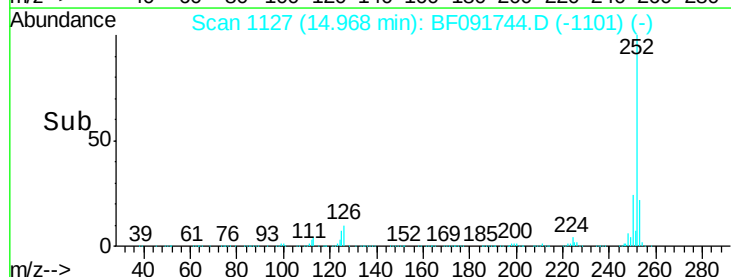
125 6.8 8.9 13.3#

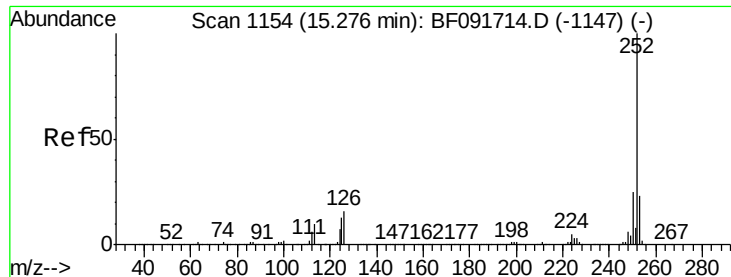


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 47.79 ng

RT: 15.28 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF091744.D

Acq: 18 Dec 2016 18:52

Instrument :

BNA_F

ClientSampleId :

TP20-COMP6MSD

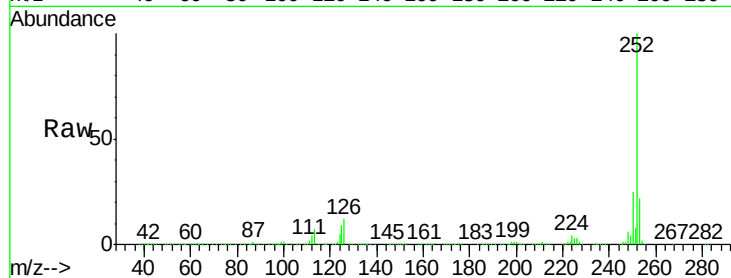
Tot Ion:252 Resp: 1921964

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.2

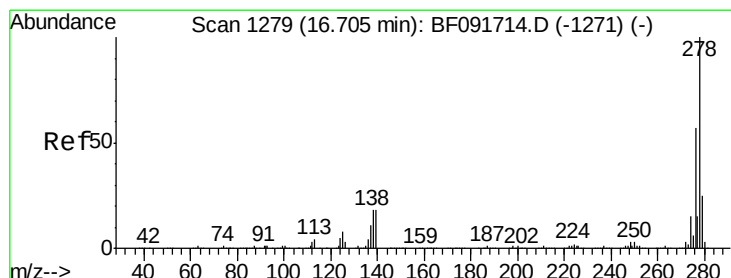
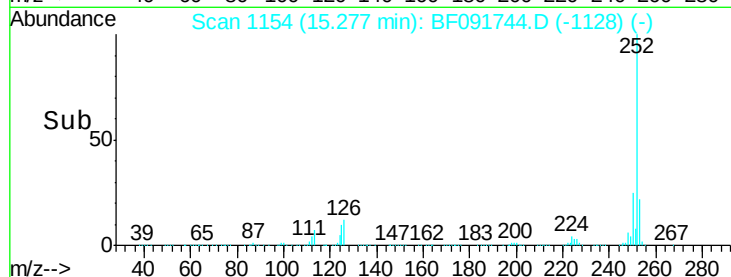
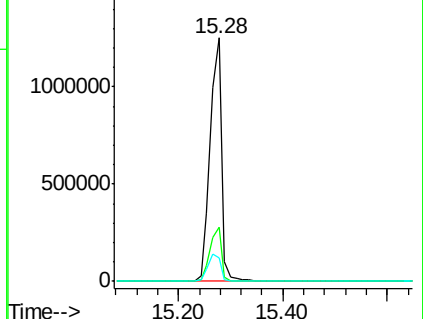
125 9.4 10.0 15.0#



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: 44.25 ng

RT: 16.69 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF091744.D

Acq: 18 Dec 2016 18:52

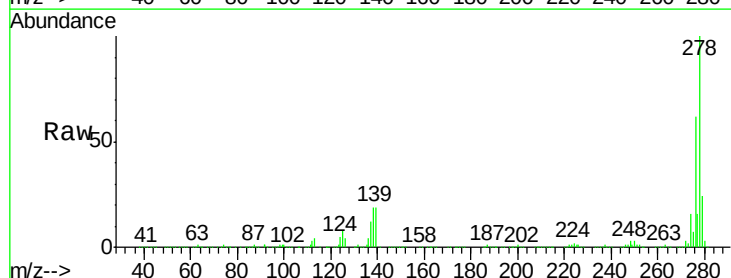
Tgt Ion:278 Resp: 1550974

Ion Ratio Lower Upper

278 100

139 18.9 14.8 22.2

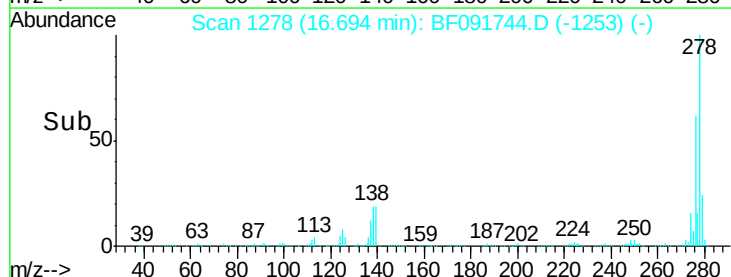
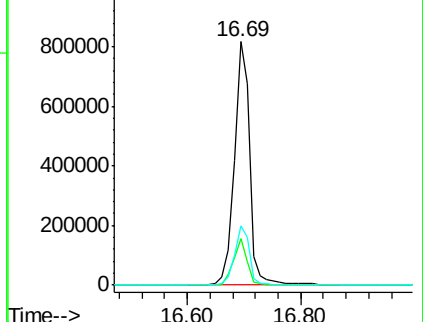
279 24.1 19.8 29.6

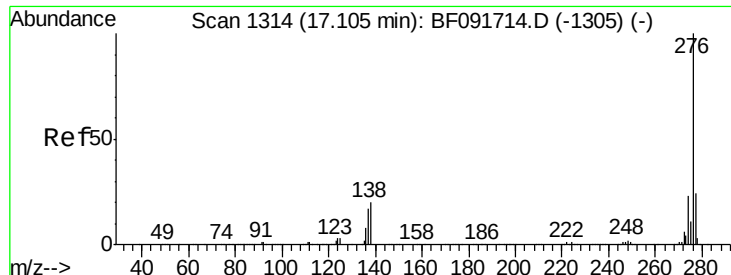


Abundance Ion 278.00 (277.70 to 278.70): E

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: 43.36 ng

RT: 17.08 min Scan# 1312

Delta R.T. -0.02 min

Lab File: BF091744.D

Acq: 18 Dec 2016 18:52

Instrument :

BNA_F

ClientSampleId :

TP20-COMP6MSD

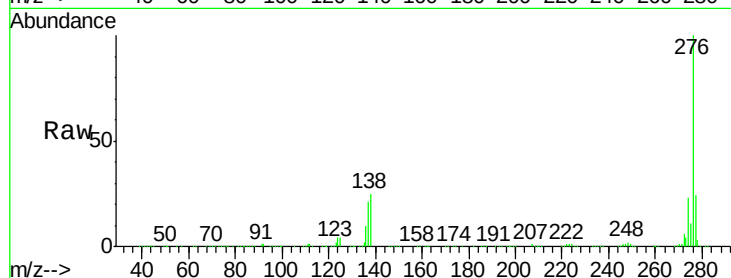
Tot Ion:276 Resp: 1544847

Ion Ratio Lower Upper

276 100

277 24.3 19.2 28.8

138 24.9 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

