

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122316\
 Data File : BF091934.D
 Acq On : 23 Dec 2016 20:00
 Operator : UM/SJ
 Sample : H6238-13MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PIT-003-COMPMSD

Quant Time: Dec 23 22:08:51 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	206675	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	838885	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	405347	20.00	ng	-0.01
63) Phenanthrene-d10	11.27	188	601851	20.00	ng	0.00
75) Chrysene-d12	13.89	240	396374	20.00	ng	-0.01
86) Perylene-d12	15.29	264	393846	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	1764777	142.58	ng	0.05
7) Phenol-d6	6.44	99	2096670	138.74	ng	0.03
23) Nitrobenzene-d5	7.32	82	1465746	97.16	ng	0.00
41) 2,4,6-Tribromophenol	10.58	330	465719	138.83	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1875290	96.54	ng	-0.01
78) Terphenyl-d14	12.84	244	1272716	77.87	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.32	88	236237	38.77	ng	97
3) Pyridine	3.00	79	903005	42.46	ng	96
4) n-Nitrosodimethylamine	2.97	42	402606	50.18	ng	97
6) Aniline	6.42	93	706103	35.97	ng	# 46
8) 2-Chlorophenol	6.54	128	641359	45.55	ng	94
9) Benzaldehyde	6.28	77	95528	8.49	ng	93
10) Phenol	6.45	94	1059762	61.54	ng	# 75
11) bis(2-Chloroethyl)ether	6.49	93	685589	50.04	ng	99
12) 1,3-Dichlorobenzene	6.68	146	692336	46.06	ng	# 93
13) 1,4-Dichlorobenzene	6.76	146	724967	47.39	ng	96
14) 1,2-Dichlorobenzene	6.91	146	582363	43.87	ng	94
15) Benzyl Alcohol	6.91	79	610802	52.02	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.02	45	984257	48.24	ng	95
17) 2-Methylphenol	7.05	107	569925	50.33	ng	99
18) Hexachloroethane	7.25	117	261923	46.18	ng	95
19) n-Nitroso-di-n-propylamine	7.17	70	504127	50.14	ng	98
20) 3+4-Methylphenols	7.20	107	775627	57.43	ng	# 71
22) Acetophenone	7.16	105	1029825	49.77	ng	# 93
24) Nitrobenzene	7.33	77	699269	43.52	ng	99
25) Isophorone	7.57	82	1286988	46.24	ng	94
26) 2-Nitrophenol	7.65	139	402012	50.73	ng	92
27) 2,4-Dimethylphenol	7.71	122	583216	44.38	ng	99
28) bis(2-Chloroethoxy)methane	7.79	93	896869	53.14	ng	100
29) 2,4-Dichlorophenol	7.92	162	564477	50.72	ng	99
30) 1,2,4-Trichlorobenzene	7.97	180	576138	47.24	ng	# 96
31) Naphthalene	8.05	128	1880238	48.97	ng	99
32) Benzoic acid	7.85	122	166589	17.09	ng	83
33) 4-Chloroaniline	8.11	127	383338	22.14	ng	99
34) Hexachlorobutadiene	8.17	225	310103	48.17	ng	100
35) Caprolactam	8.49	113	175362	47.95	ng	# 66
36) 4-Chloro-3-methylphenol	8.62	107	599750	46.83	ng	99
37) 2-Methylnaphthalene	8.74	142	1157129	53.23	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	525444	51.31	ng	98
40) Hexachlorocyclopentadiene	8.90	237	233905	52.71	ng	99

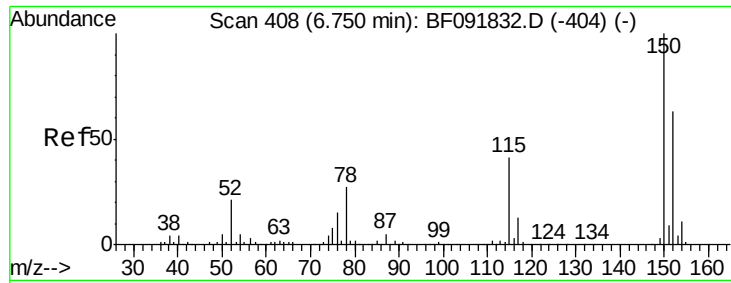
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122316\
 Data File : BF091934.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	356980	49.84	ng	97
43) 2,4,5-Trichlorophenol	9.08	196	350550	47.56	ng #	93
45) 1,1'-Biphenyl	9.21	154	1382699	49.82	ng	98
46) 2-Chloronaphthalene	9.23	162	1050052	47.77	ng	94
47) 2-Nitroaniline	9.33	65	367506	46.96	ng	94
48) Acenaphthylene	9.64	152	1526118	45.15	ng	99
49) Dimethylphthalate	9.52	163	1627896	62.79	ng	98
50) 2,6-Dinitrotoluene	9.58	165	299282	52.74	ng #	74
51) Acenaphthene	9.81	154	1017789	44.41	ng	99
52) 3-Nitroaniline	9.74	138	200781	28.59	ng	95
53) 2,4-Dinitrophenol	9.86	184	96831	30.67	ng	94
54) Dibenzofuran	9.98	168	1305521	42.18	ng	95
55) 4-Nitrophenol	9.95	139	511678	107.31	ng	96
56) 2,4-Dinitrotoluene	9.98	165	376590	52.88	ng	91
57) Fluorene	10.33	166	1023012	45.43	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.12	232	292398	50.16	ng	98
59) Diethylphthalate	10.21	149	1260582	50.07	ng	98
60) 4-Chlorophenyl-phenylether	10.33	204	505540	51.28	ng #	78
61) 4-Nitroaniline	10.36	138	248457	34.14	ng	95
62) Azobenzene	10.48	77	1336913	48.23	ng	97
64) 4,6-Dinitro-2-methylphenol	10.38	198	98443	27.05	ng #	35
65) n-Nitrosodiphenylamine	10.44	169	975999	54.65	ng	99
66) 4-Bromophenyl-phenylether	10.81	248	308181	49.22	ng	96
67) Hexachlorobenzene	10.88	284	335651	50.16	ng	97
68) Atrazine	10.98	200	313799	54.47	ng	97
69) Pentachlorophenol	11.08	266	329711	100.41	ng	99
70) Phenanthrene	11.29	178	1702261	52.16	ng	99
71) Anthracene	11.33	178	1477826	55.46	ng	99
72) Carbazole	11.51	167	1452984	Below	Cal	97
73) Di-n-butylphthalate	11.83	149	1675495	55.10	ng	99
74) Fluoranthene	12.47	202	1371567	48.17	ng	98
76) Benzidine	12.60	184	688001	81.82	ng	96
77) Pyrene	12.69	202	1320934	45.42	ng	99
79) Butylbenzylphthalate	13.32	149	662972	50.12	ng	90
80) Benzo(a)anthracene	13.88	228	1101618	49.24	ng	99
81) 3,3'-Dichlorobenzidine	13.85	252	370317	43.65	ng	97
82) Chrysene	13.92	228	891563	39.73	ng	98
83) Bis(2-ethylhexyl)phthalate	13.88	149	791633	50.82	ng #	99
84) Di-n-octyl phthalate	14.49	149	1393584	48.30	ng	99
85) Indeno(1,2,3-cd)pyrene	16.63	276	1000649	51.47	ng	98
87) Benzo(b)fluoranthene	14.92	252	2130764	86.90	ng	100
88) Benzo(k)fluoranthene	14.92	252	2130764	101.90	ng	99
89) Benzo(a)pyrene	15.23	252	1019047	46.82	ng	99
90) Dibenzo(a,h)anthracene	16.64	278	823975	46.06	ng	98
91) Benzo(g,h,i)perylene	17.03	276	813937	43.76	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF091934.D

Acq: 23 Dec 2016 20:00

Instrument :

BNA_F

ClientSampleId :

PIT-003-COMPMSD

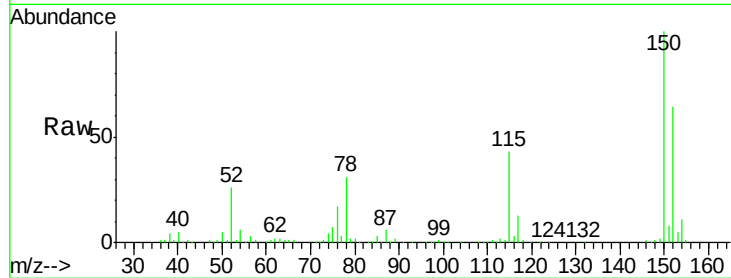
Tgt Ion:152 Resp: 206675

Ion Ratio Lower Upper

152 100

150 157.0 124.9 187.3

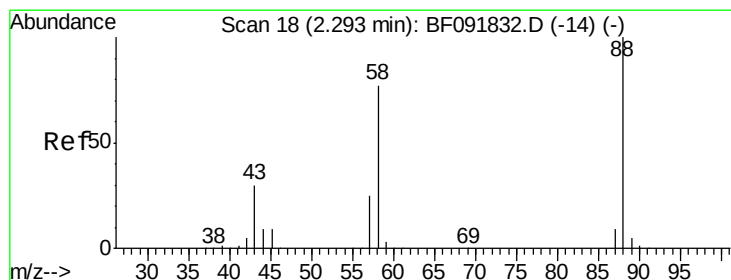
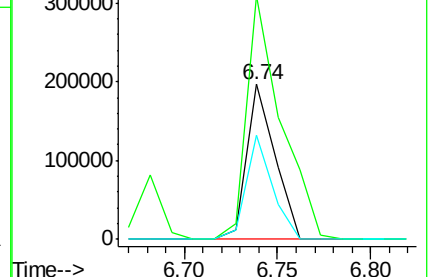
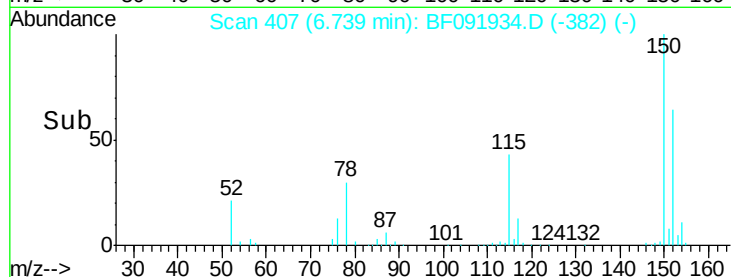
115 67.5 46.0 69.0



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: 38.77 ng

RT: 2.32 min Scan# 20

Delta R.T. 0.02 min

Lab File: BF091934.D

Acq: 23 Dec 2016 20:00

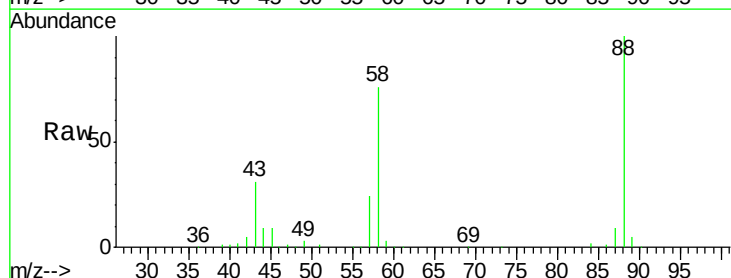
Tgt Ion: 88 Resp: 236237

Ion Ratio Lower Upper

88 100

58 73.2 57.8 86.8

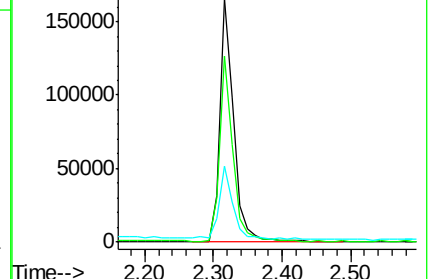
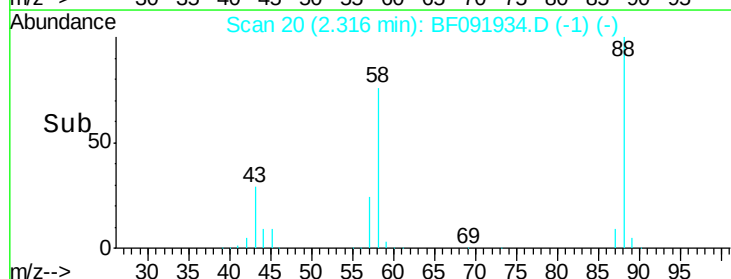
43 31.6 22.3 33.5

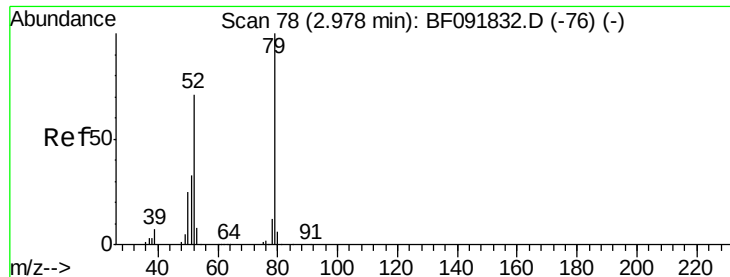


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 42.46 ng

RT: 3.00 min Scan# 80

Delta R.T. 0.02 min

Lab File: BF091934.D

Acq: 23 Dec 2016 20:00

Instrument :

BNA_F

ClientSampleId :

PIT-003-COMPMSD

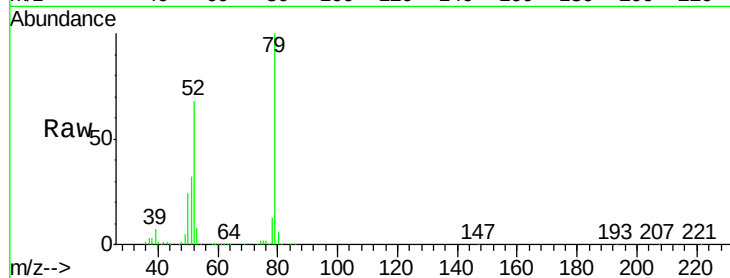
Tgt Ion: 79 Resp: 903005

Ion Ratio Lower Upper

79 100

52 67.8 57.1 85.7

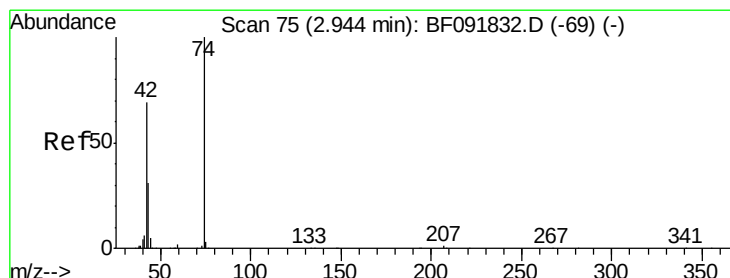
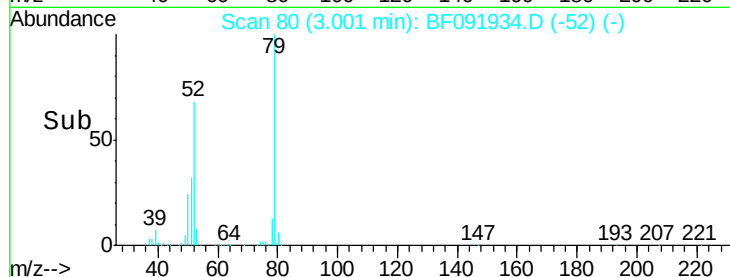
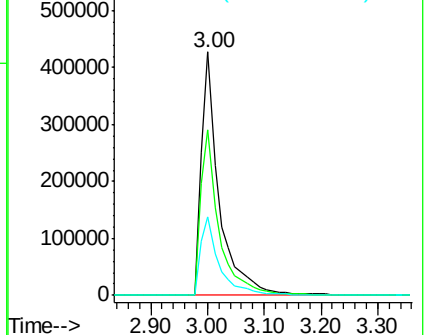
51 32.2 27.3 40.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 50.18 ng

RT: 2.97 min Scan# 77

Delta R.T. 0.02 min

Lab File: BF091934.D

Acq: 23 Dec 2016 20:00

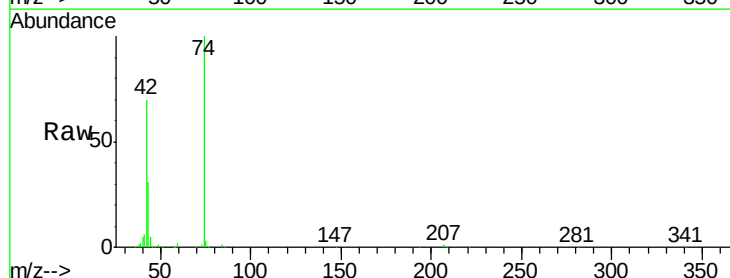
Tgt Ion: 42 Resp: 402606

Ion Ratio Lower Upper

42 100

74 142.6 117.0 175.4

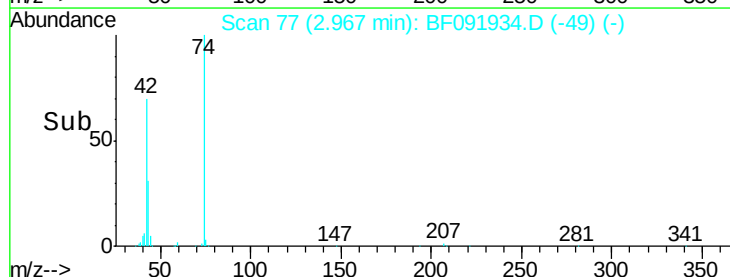
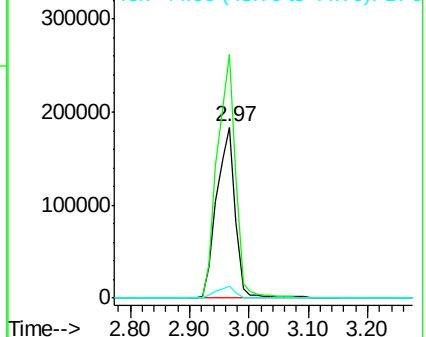
44 7.1 5.5 8.3

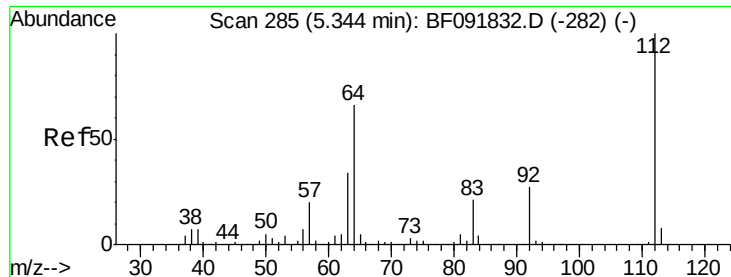


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 142.58 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.05 min

Lab File: BF091934.D

Acq: 23 Dec 2016 20:00

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PIT-003-COMPMSD

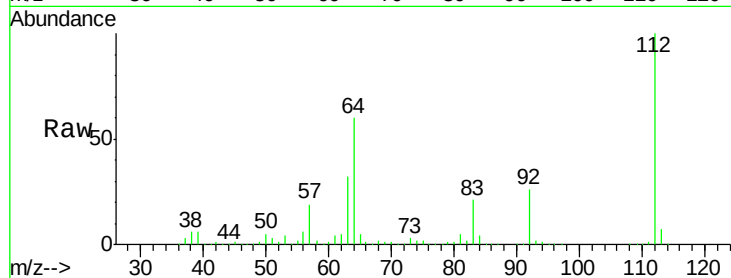
Tgt Ion: 112 Resp: 1764777

Ion Ratio Lower Upper

112 100

64 59.9 46.1 69.1

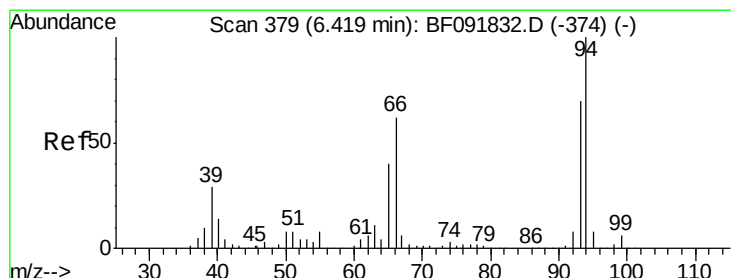
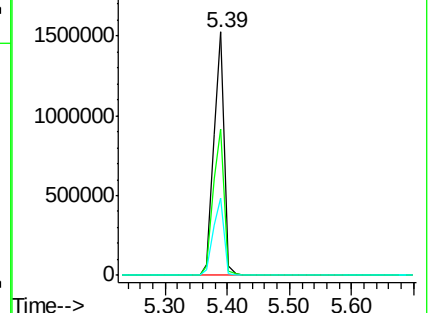
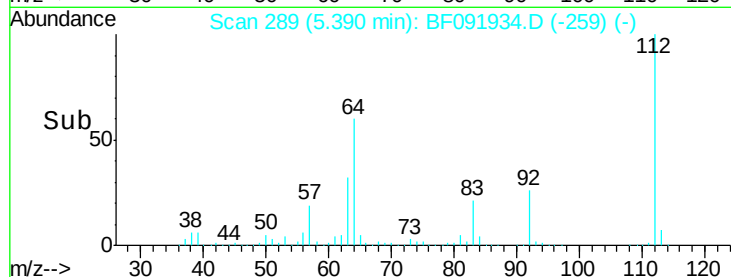
63 31.9 23.8 35.6



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: 35.97 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF091934.D

Acq: 23 Dec 2016 20:00

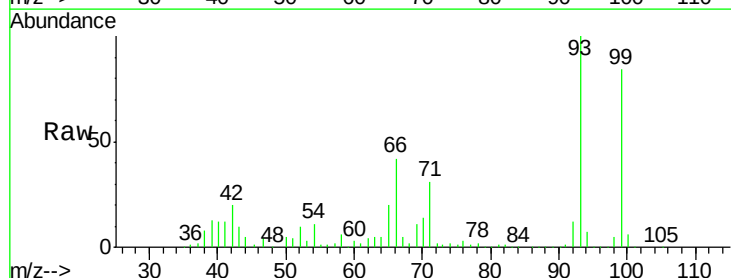
Tgt Ion: 93 Resp: 706103

Ion Ratio Lower Upper

93 100

66 42.2 76.2 114.2#

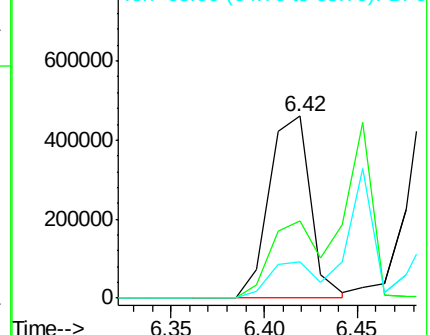
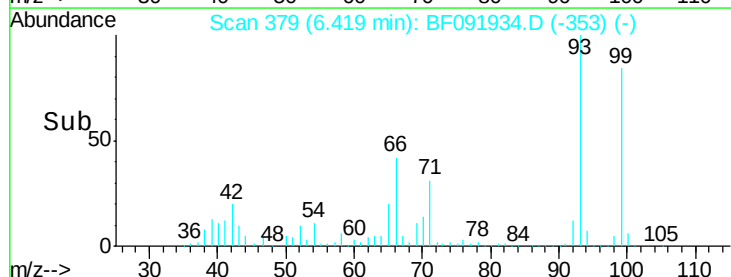
65 19.9 49.3 73.9#

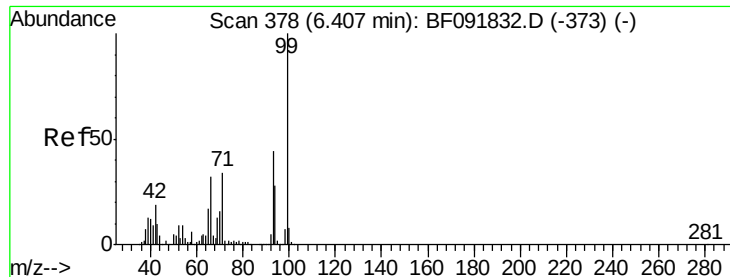


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 138.74 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.03 min

Lab File: BF091934.D

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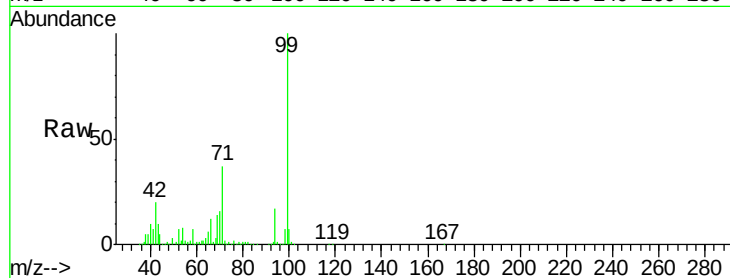
Tgt Ion: 99 Resp: 2096670

Ion Ratio Lower Upper

99 100

42 19.8 15.6 23.4

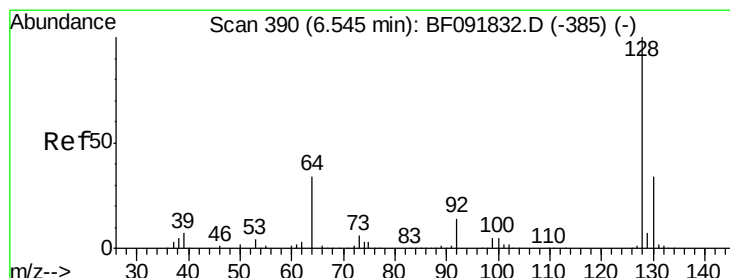
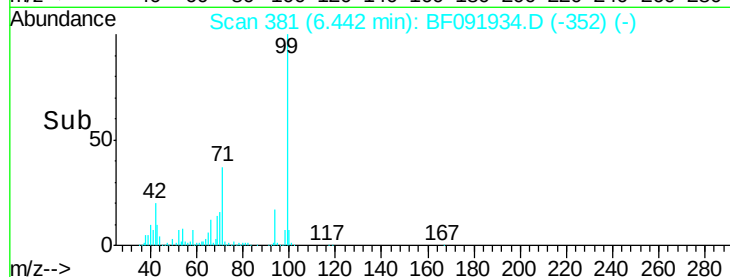
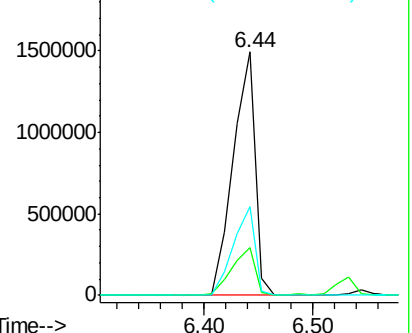
71 36.5 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 45.55 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF091934.D

Acq: 23 Dec 2016 20:00

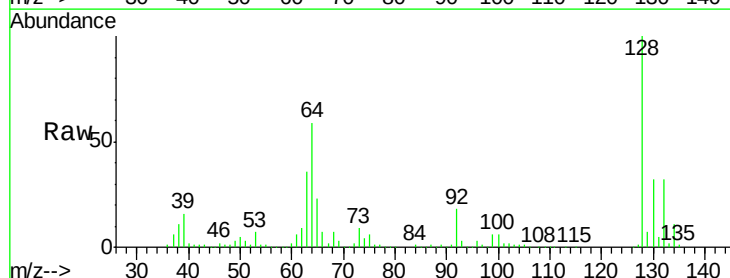
Tgt Ion: 128 Resp: 641359

Ion Ratio Lower Upper

128 100

130 32.5 12.3 52.3

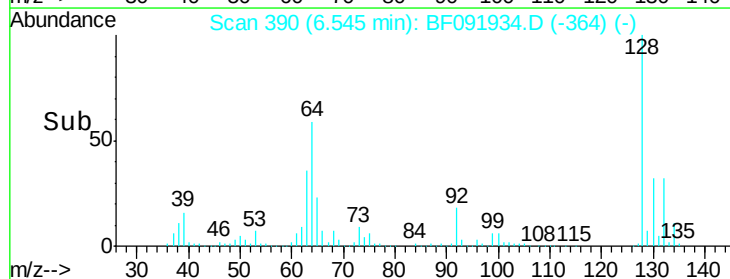
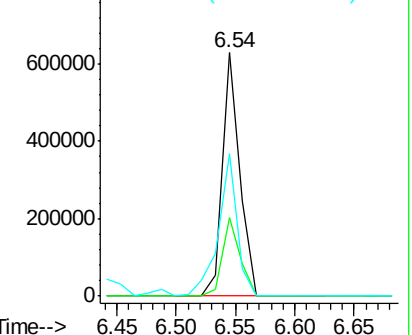
64 58.7 32.2 72.2

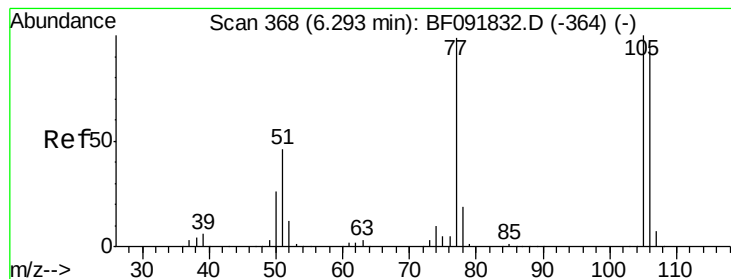


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 8.49 ng

RT: 6.28 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF091934.D

Acq: 23 Dec 2016 20:00

Instrument :

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ClientSampleId :

PIT-003-COMPMSD

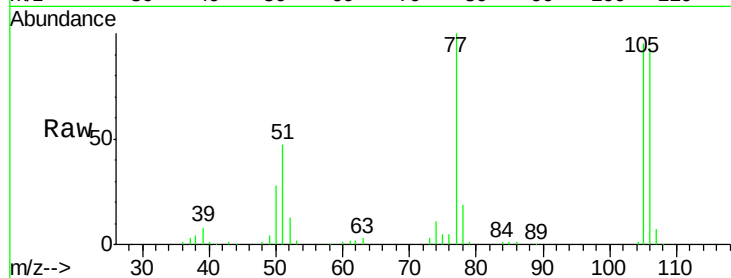
Tgt Ion: 77 Resp: 95528

Ion Ratio Lower Upper

77 100

105 95.3 83.9 123.9

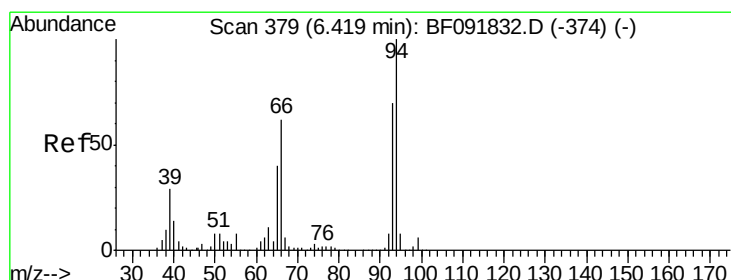
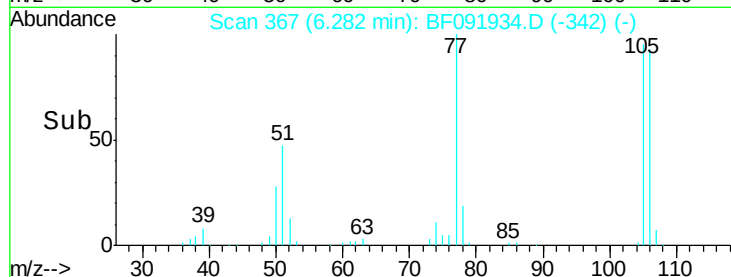
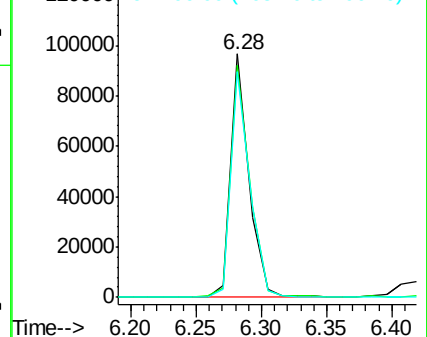
106 92.8 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 61.54 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.03 min

Lab File: BF091934.D

Acq: 23 Dec 2016 20:00

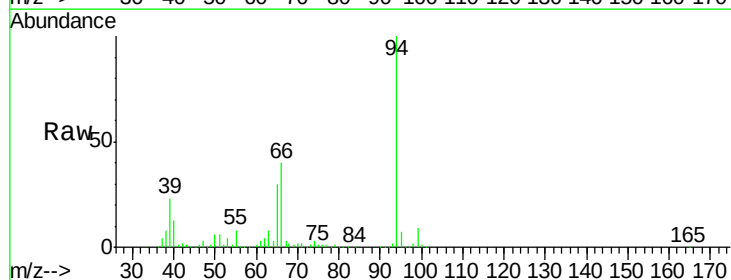
Tgt Ion: 94 Resp: 1059762

Ion Ratio Lower Upper

94 100

65 29.9 21.4 61.4

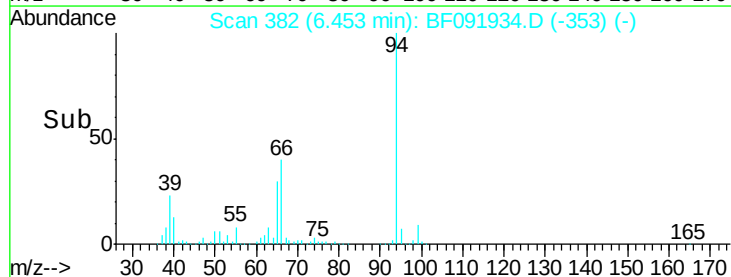
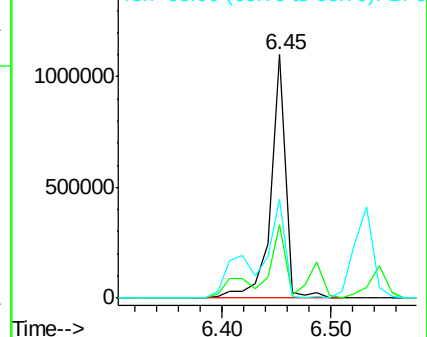
66 40.5 44.0 84.0#

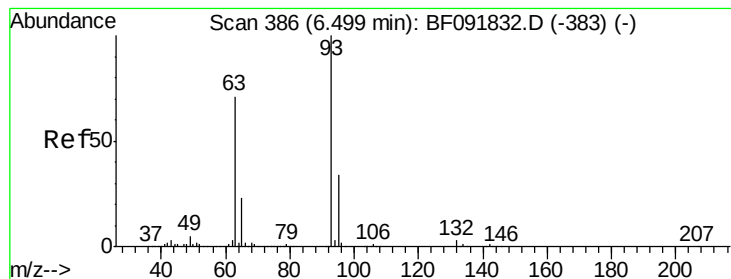


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 50.04 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.01 min

Lab File: BF091934.D

Acq: 23 Dec 2016 20:00

Instrument :

BNA_F

ClientSampleId :

PIT-003-COMPMSD

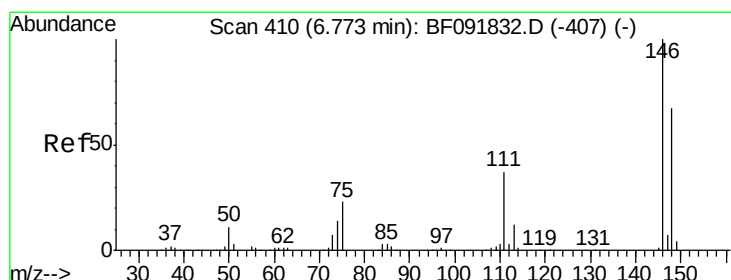
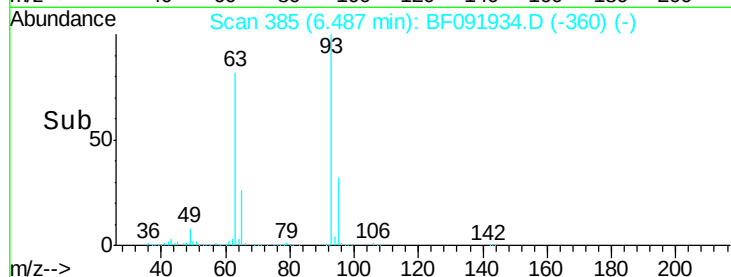
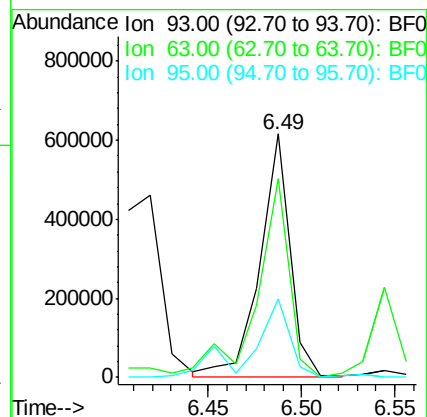
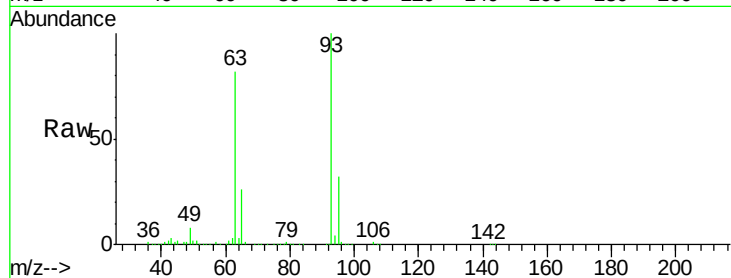
Tgt Ion: 93 Resp: 685589

Ion Ratio Lower Upper

93 100

63 81.9 60.4 100.4

95 32.4 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 46.06 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.01 min

Lab File: BF091934.D

Acq: 23 Dec 2016 20:00

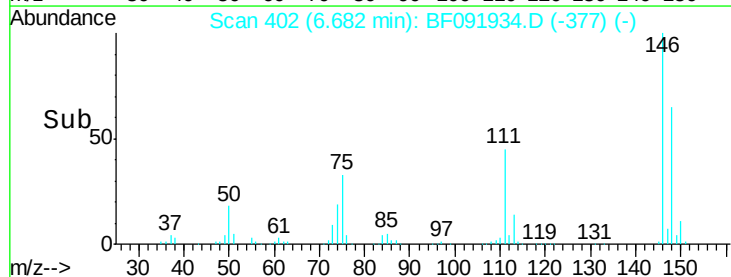
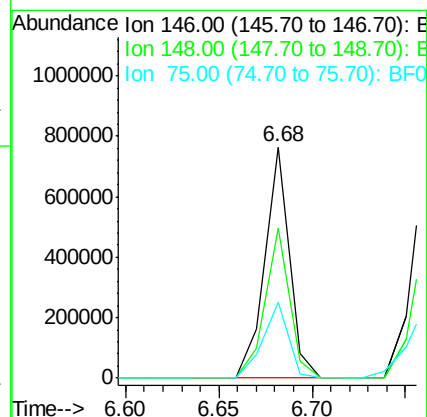
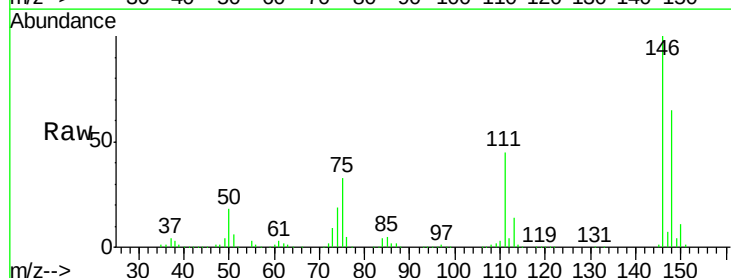
Tgt Ion: 146 Resp: 692336

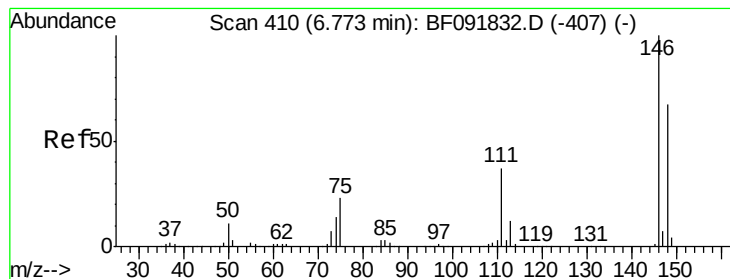
Ion Ratio Lower Upper

146 100

148 65.1 53.4 80.0

75 33.1 18.5 27.7#





#13

1,4-Dichlorobenzene

Concen: 47.39 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF091934.D

Acq: 23 Dec 2016 20:00

Instrument :

BNA_F

ClientSampleId :

PIT-003-COMPMSD

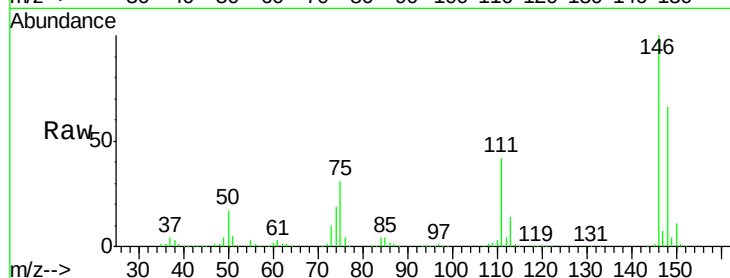
Tgt Ion:146 Resp: 724967

Ion Ratio Lower Upper

146 100

148 65.6 50.6 76.0

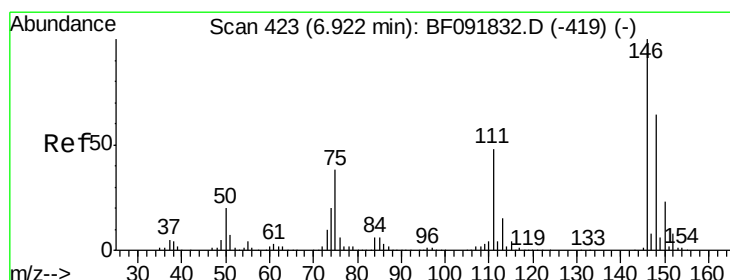
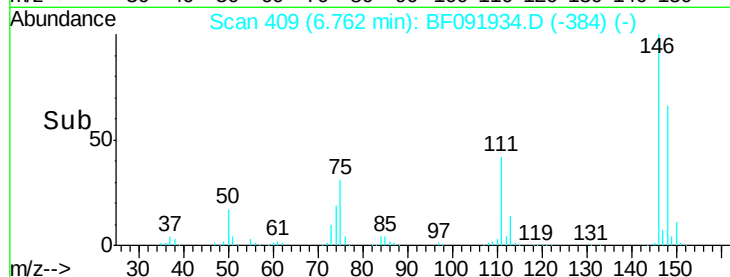
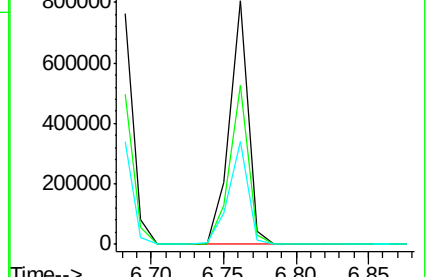
111 42.4 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 43.87 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF091934.D

Acq: 23 Dec 2016 20:00

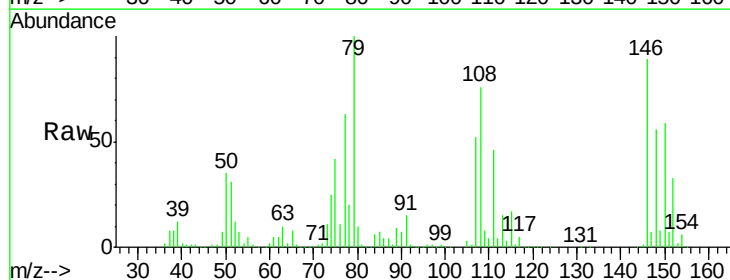
Tgt Ion:146 Resp: 582363

Ion Ratio Lower Upper

146 100

148 62.7 52.2 78.2

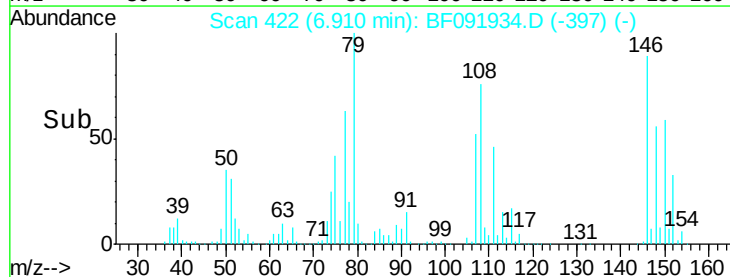
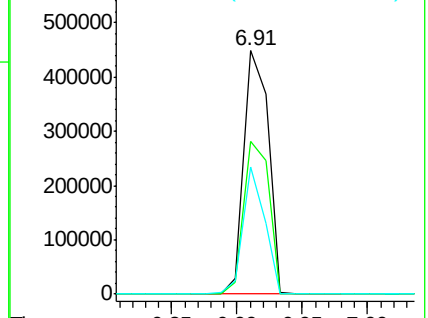
111 52.0 36.2 54.2

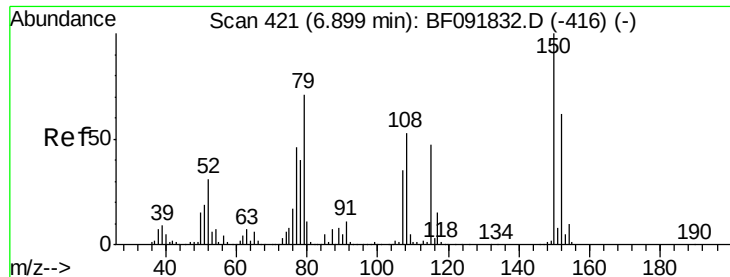


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 52.02 ng

RT: 6.91 min Scan# 422

Delta R.T. 0.01 min

Lab File: BF091934.D

Acq: 23 Dec 2016 20:00

Instrument :

BNA_F

ClientSampleId :

PIT-003-COMPMSD

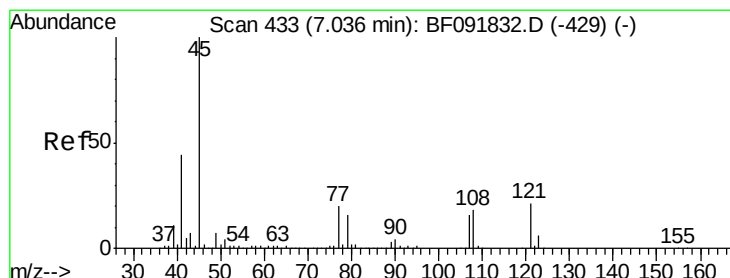
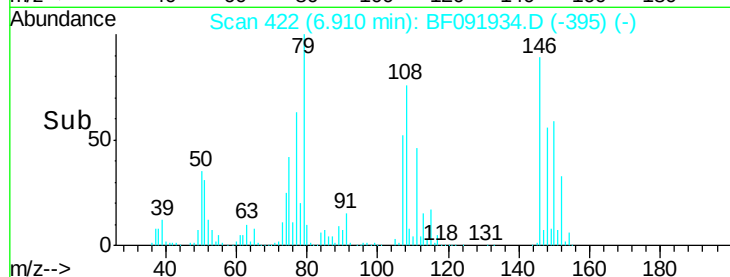
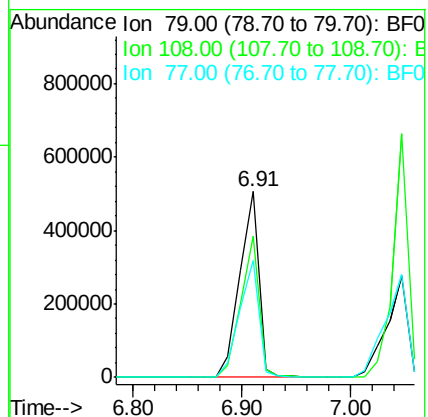
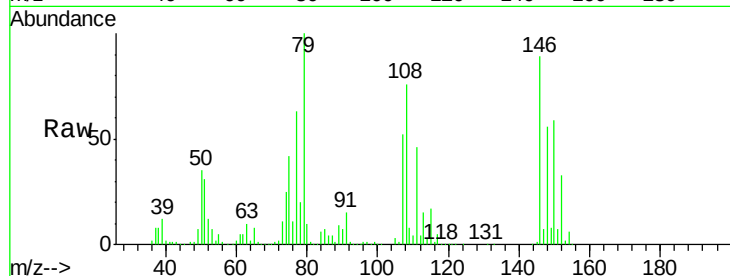
Tgt Ion: 79 Resp: 610802

Ion Ratio Lower Upper

79 100

108 76.0 61.4 92.0

77 63.1 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.24 ng

RT: 7.02 min Scan# 432

Delta R.T. -0.01 min

Lab File: BF091934.D

Acq: 23 Dec 2016 20:00

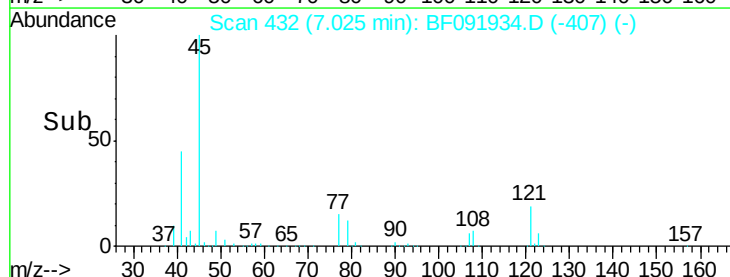
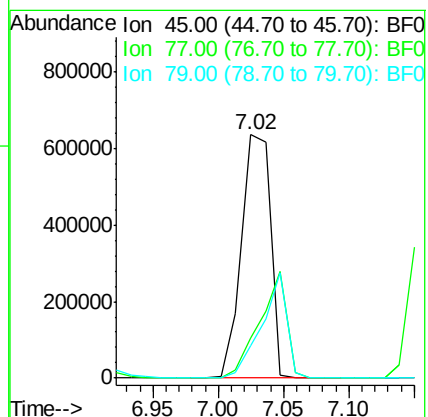
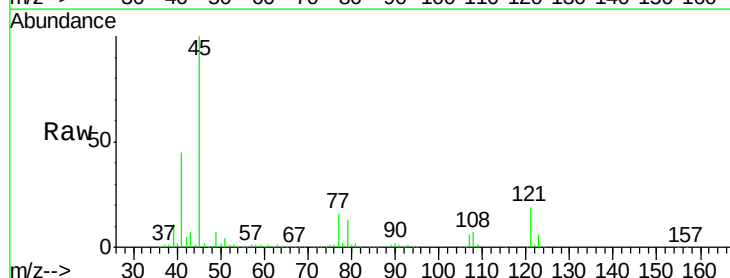
Tgt Ion: 45 Resp: 984257

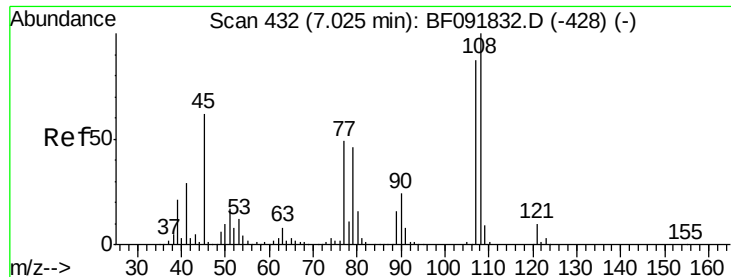
Ion Ratio Lower Upper

45 100

77 16.4 0.0 34.6

79 13.3 0.0 31.2

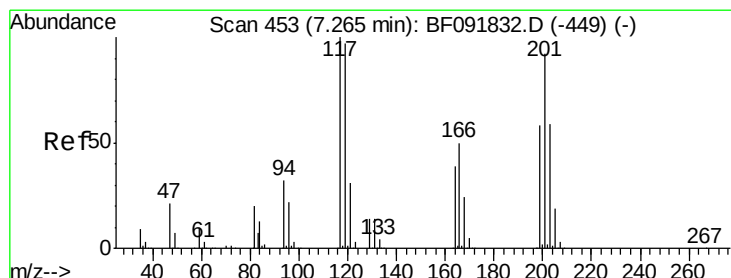
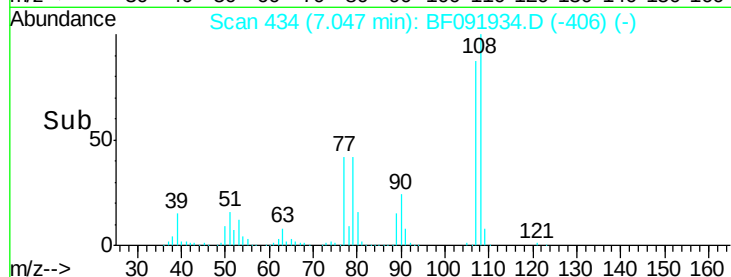
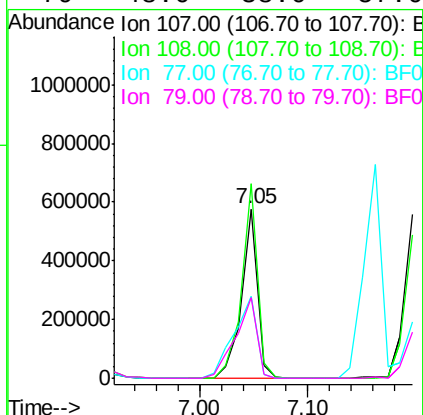
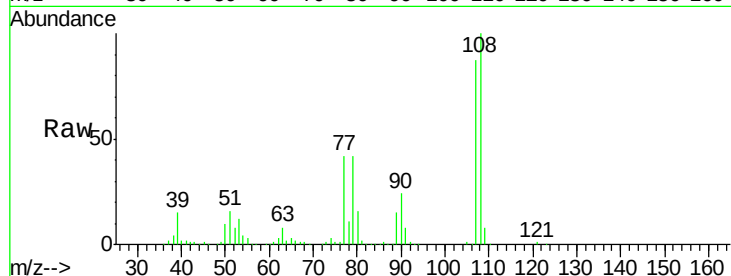




#17
2-Methylphenol
Concen: 50.33 ng
RT: 7.05 min Scan# 434
Delta R.T. 0.02 min
Lab File: BF091934.D
Acq: 23 Dec 2016 20:00

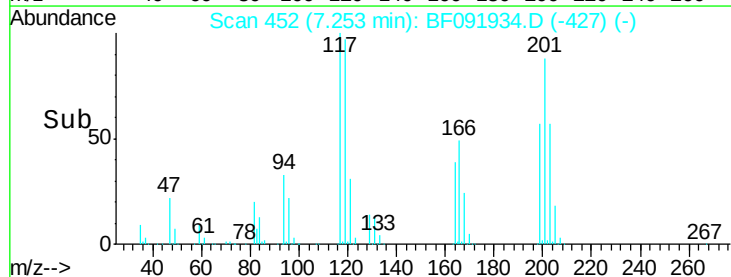
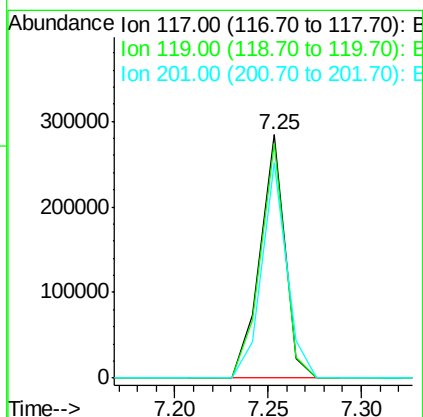
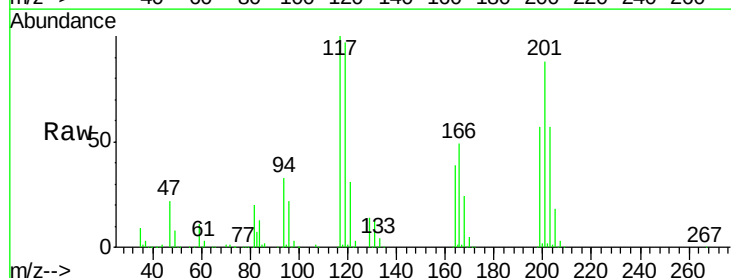
Instrument :
BNA_F
ClientSampleId :
PIT-003-COMPMSD

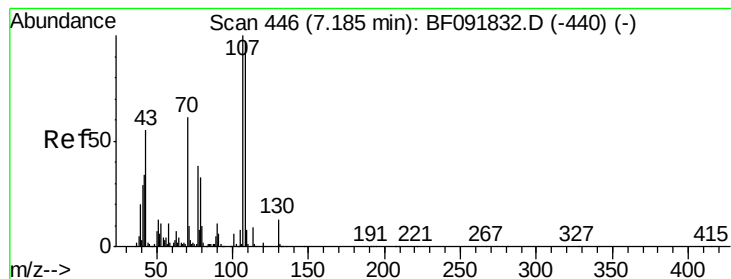
Tgt Ion:	107	Resp:	569925
Ion	Ratio	Lower	Upper
107	100		
108	115.1	93.0	139.6
77	48.3	39.8	59.8
79	48.0	38.0	57.0



#18
Hexachloroethane
Concen: 46.18 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF091934.D
Acq: 23 Dec 2016 20:00

Tgt Ion:	117	Resp:	261923
Ion	Ratio	Lower	Upper
117	100		
119	96.6	78.1	117.1
201	88.4	78.6	117.8





#19

n-Nitroso-di-n-propylamine

Concen: 50.14 ng

RT: 7.17 min Scan# 445

Delta R.T. -0.01 min

Lab File: BF091934.D

Acq: 23 Dec 2016 20:00

Instrument :

BNA_F

ClientSampleId :

PIT-003-COMPMSD

Tgt Ion: 70 Resp: 504127

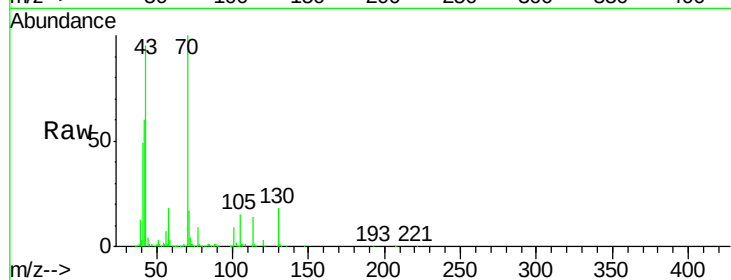
Ion Ratio Lower Upper

70 100

42 60.1 49.4 74.0

101 9.1 7.4 11.2

130 18.0 14.2 21.4

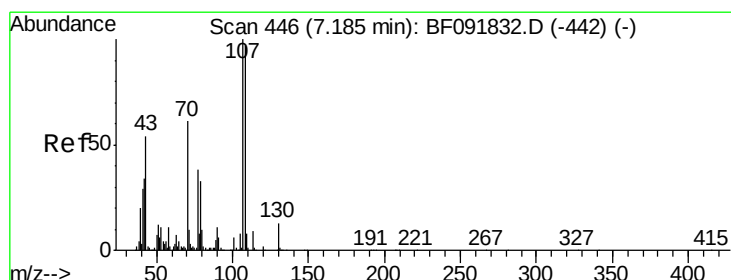
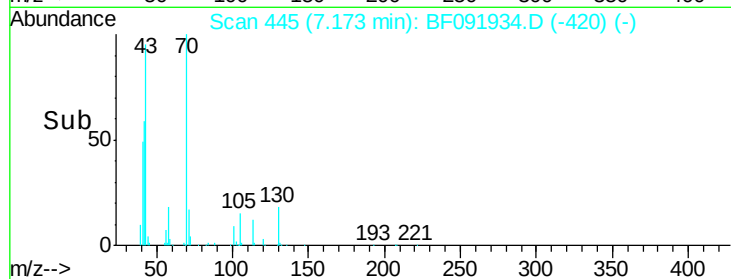
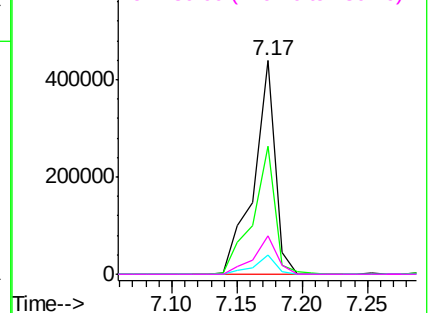


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 57.43 ng

RT: 7.20 min Scan# 447

Delta R.T. 0.01 min

Lab File: BF091934.D

Acq: 23 Dec 2016 20:00

Tgt Ion: 107 Resp: 775627

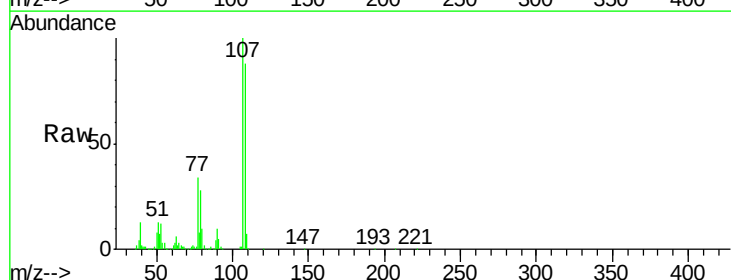
Ion Ratio Lower Upper

107 100

108 87.9 73.0 113.0

77 34.1 71.3 111.3#

79 28.2 11.1 51.1

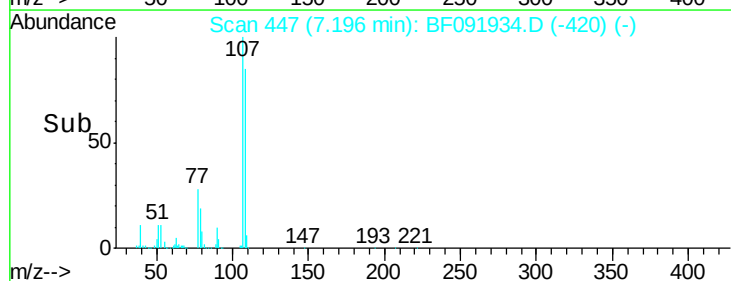
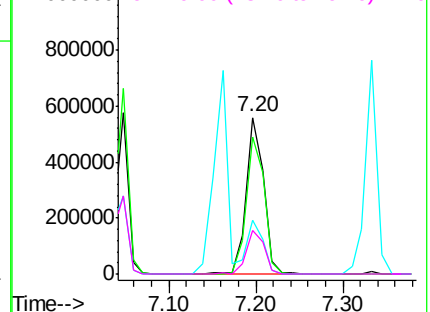


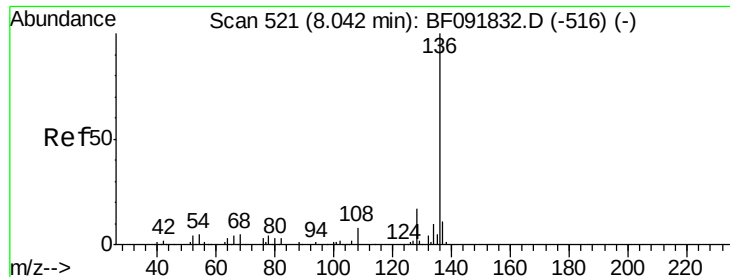
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF091934.D

Acq: 23 Dec 2016 20:00

Instrument :

BNA_F

ClientSampleId :

PIT-003-COMPMSD

Tgt Ion:136 Resp: 838885

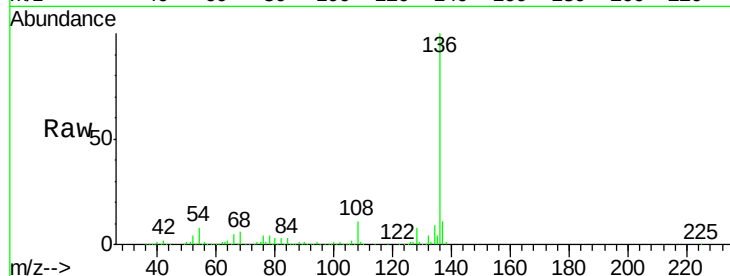
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 7.5 4.5 6.7#

68 5.6 3.6 5.4#

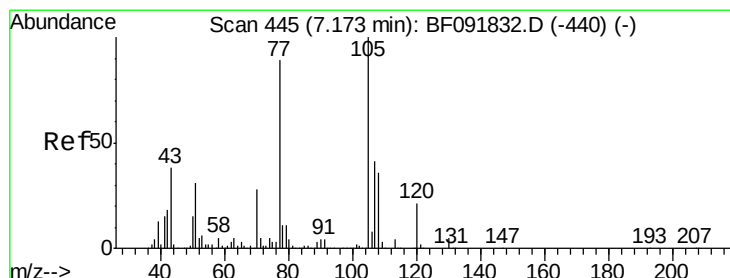
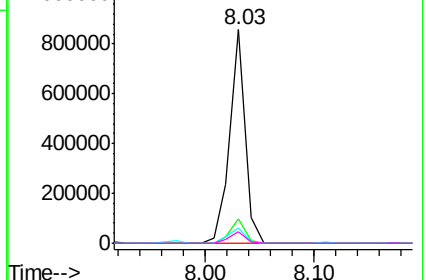
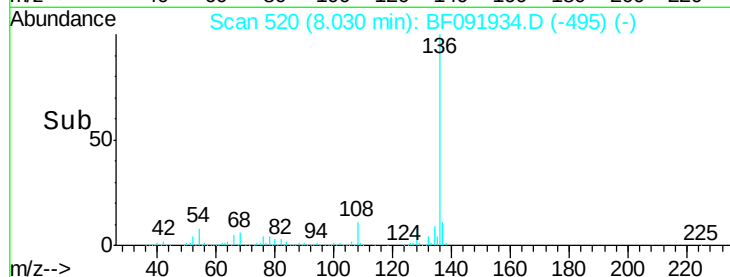


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 49.77 ng

RT: 7.16 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF091934.D

Acq: 23 Dec 2016 20:00

Tgt Ion:105 Resp: 1029825

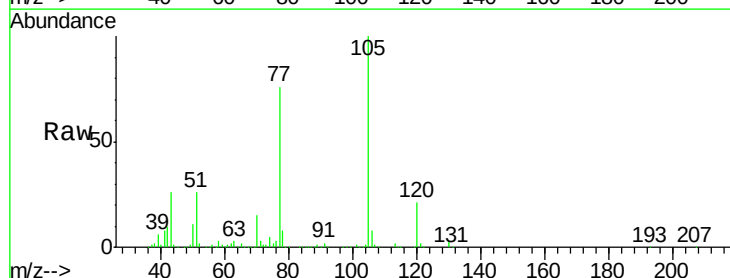
Ion Ratio Lower Upper

105 100

71 2.5 3.2 4.8#

51 26.2 26.2 39.4#

120 20.5 16.6 24.8

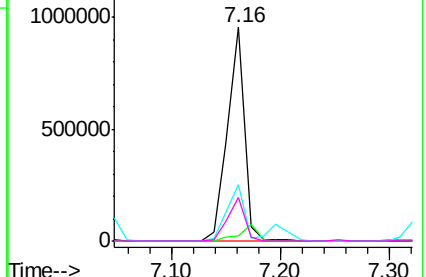
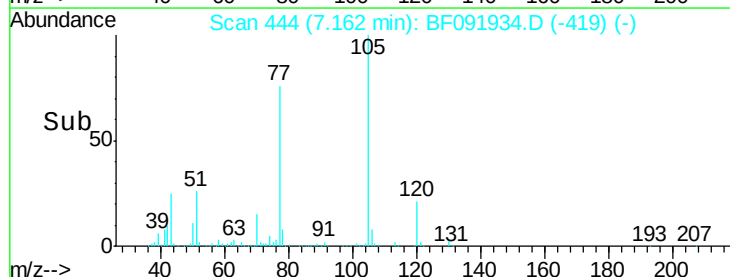


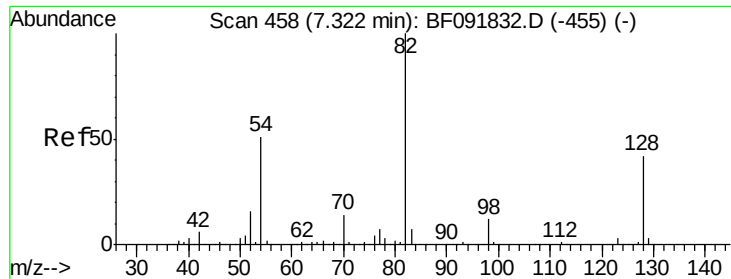
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

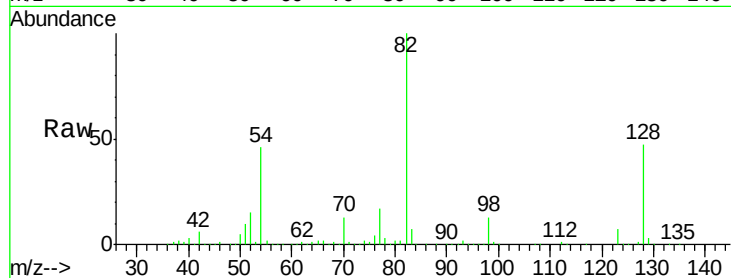




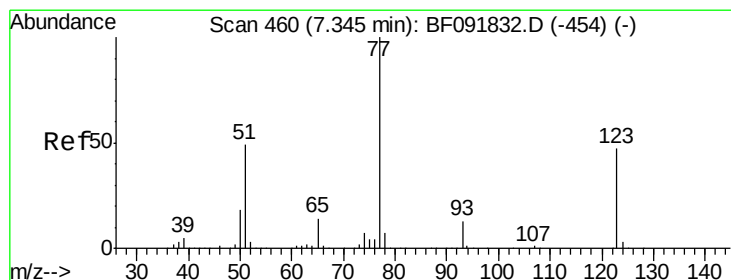
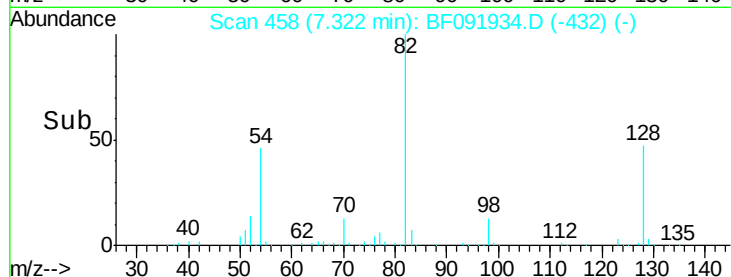
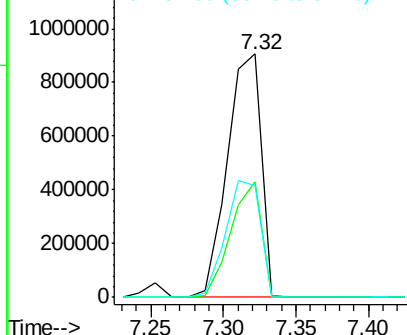
#23
 Nitrobenzene-d5
 Concen: 97.16 ng
 RT: 7.32 min Scan# 458
 Delta R.T. 0.00 min
 Lab File: BF091934.D
 Acq: 23 Dec 2016 20:00

Instrument :
 BNA_F
 ClientSampleId :
 PIT-003-COMPMSD

Tgt Ion: 82 Resp: 1465746
 Ion Ratio Lower Upper
 82 100
 128 47.4 34.6 52.0
 54 46.0 39.5 59.3

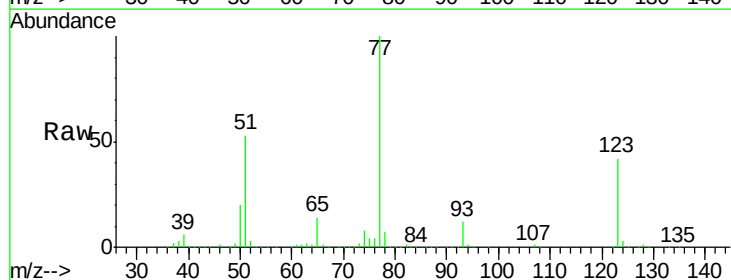


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

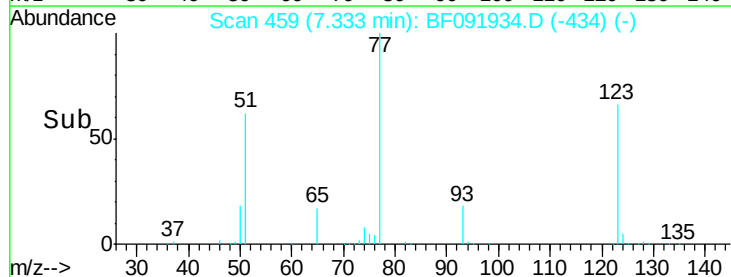
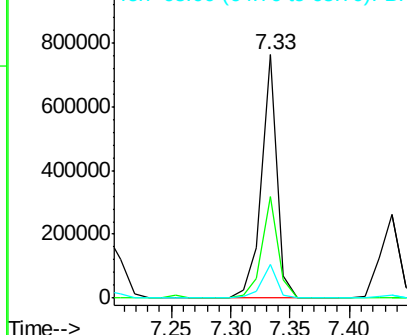


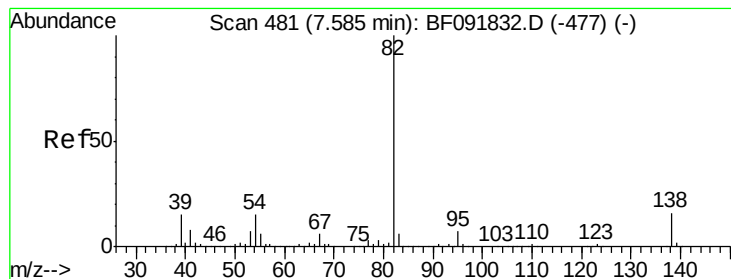
#24
 Nitrobenzene
 Concen: 43.52 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF091934.D
 Acq: 23 Dec 2016 20:00

Tgt Ion: 77 Resp: 699269
 Ion Ratio Lower Upper
 77 100
 123 41.8 33.0 49.4
 65 14.0 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: 46.24 ng

RT: 7.57 min Scan# 480

Delta R.T. -0.01 min

Lab File: BF091934.D

Acq: 23 Dec 2016 20:00

Instrument :

BNA_F

ClientSampleId :

PIT-003-COMPMSD

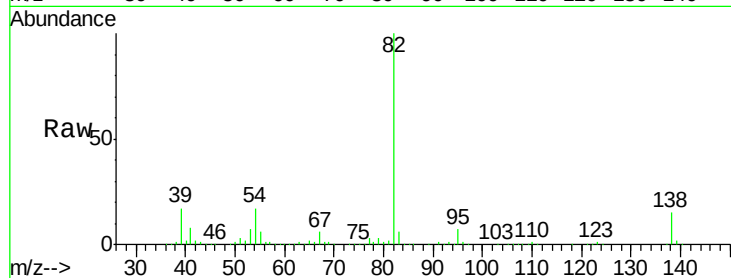
Tgt Ion: 82 Resp: 1286988

Ion Ratio Lower Upper

82 100

95 6.8 5.6 8.4

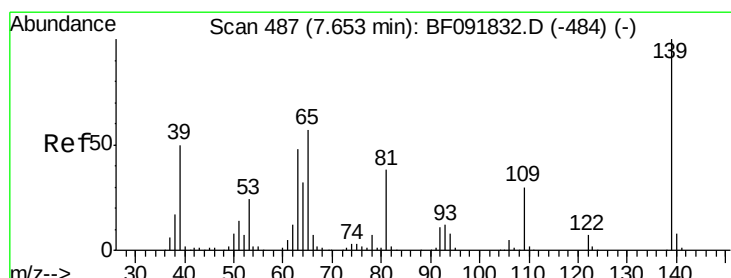
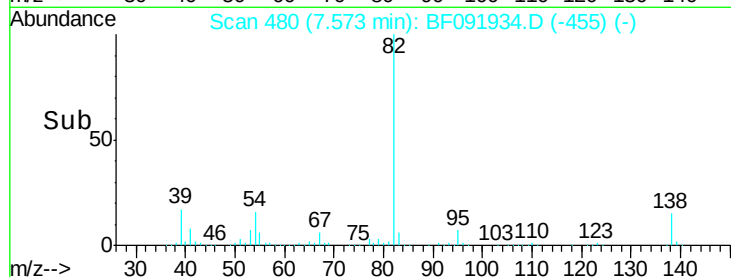
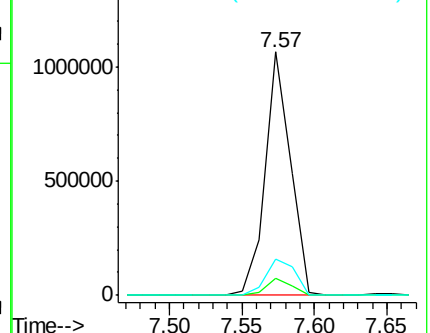
138 15.0 14.6 22.0



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: 50.73 ng

RT: 7.65 min Scan# 487

Delta R.T. 0.00 min

Lab File: BF091934.D

Acq: 23 Dec 2016 20:00

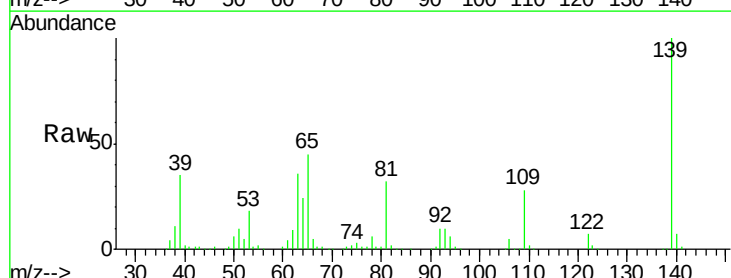
Tgt Ion: 139 Resp: 402012

Ion Ratio Lower Upper

139 100

109 28.3 23.3 34.9

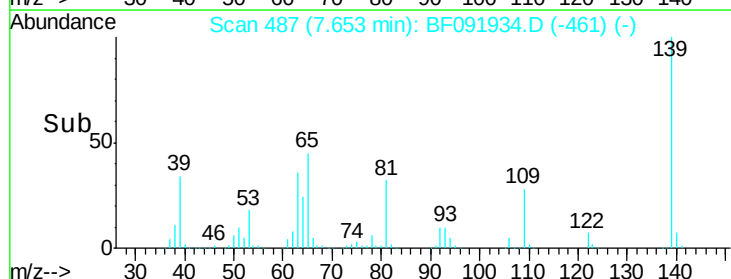
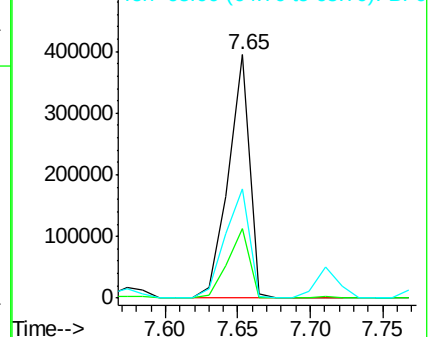
65 44.7 42.7 64.1

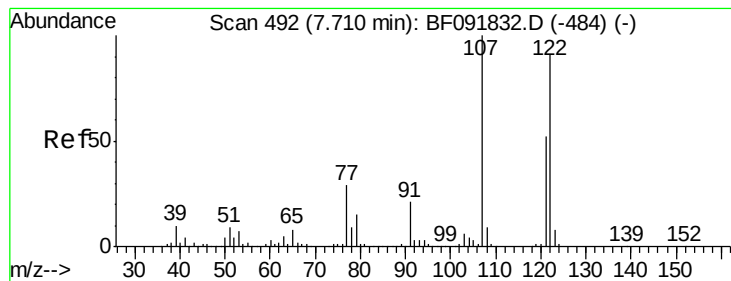


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 44.38 ng

RT: 7.71 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF091934.D

Acq: 23 Dec 2016 20:00

Instrument :

BNA_F

ClientSampleId :

PIT-003-COMPMSD

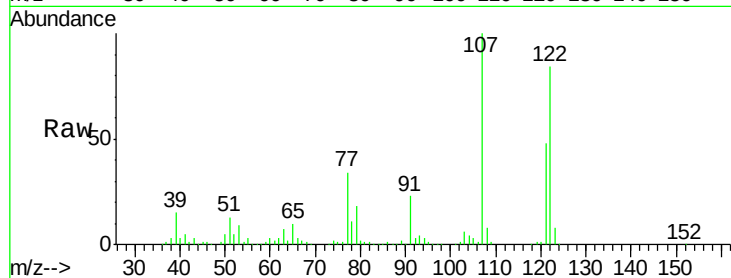
Tgt Ion: 122 Resp: 583216

Ion Ratio Lower Upper

122 100

107 119.5 94.1 141.1

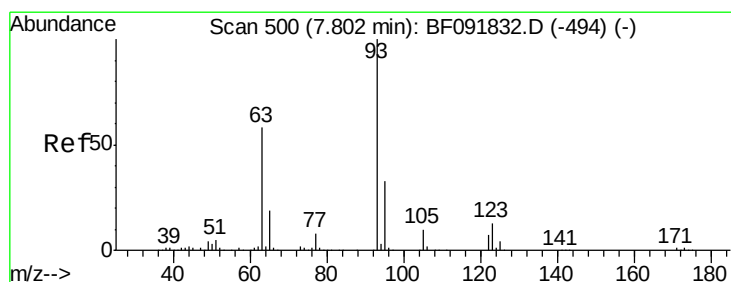
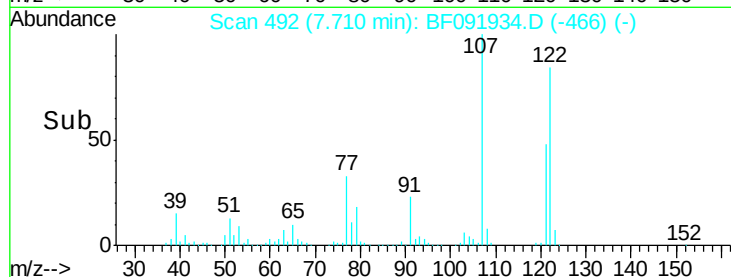
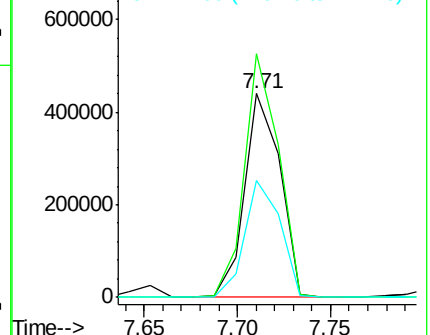
121 57.7 46.0 69.0



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: 53.14 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.01 min

Lab File: BF091934.D

Acq: 23 Dec 2016 20:00

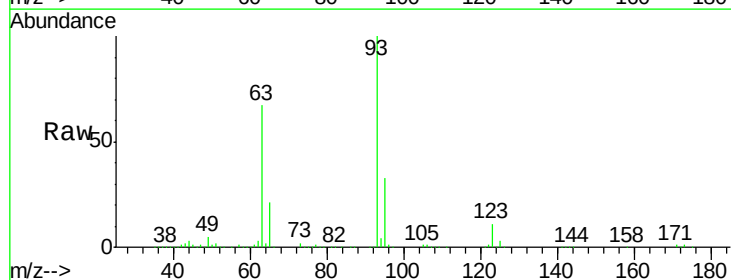
Tgt Ion: 93 Resp: 896869

Ion Ratio Lower Upper

93 100

95 32.8 26.5 39.7

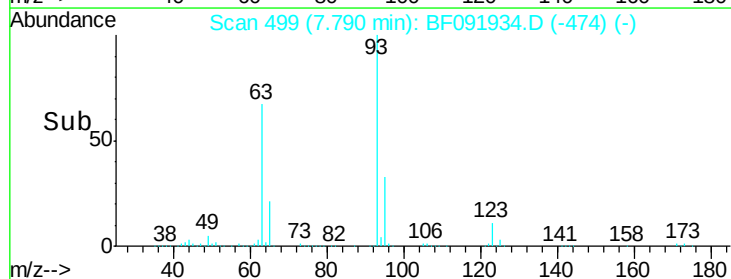
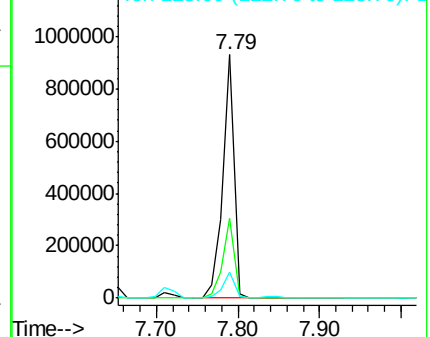
123 10.8 8.6 13.0

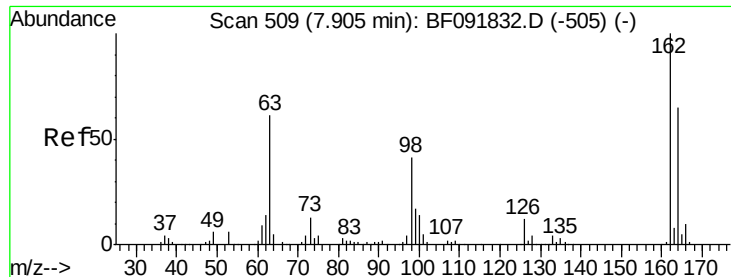


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

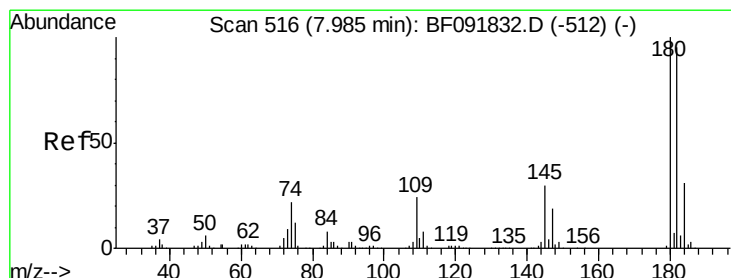
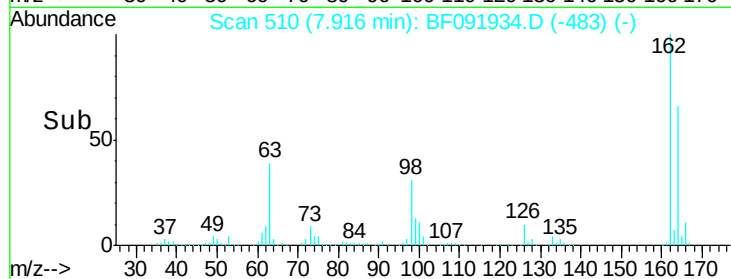
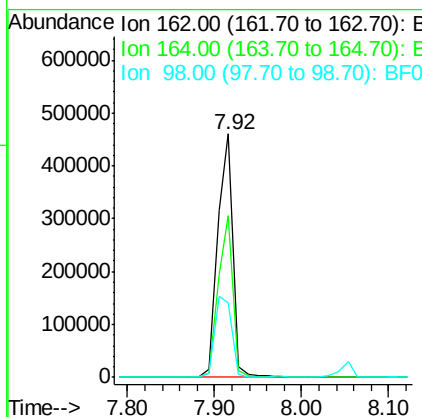
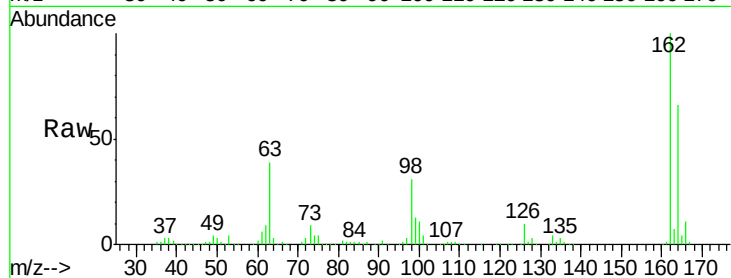




#29
 2,4-Dichlorophenol
 Concen: 50.72 ng
 RT: 7.92 min Scan# 510
 Delta R.T. 0.01 min
 Lab File: BF091934.D
 Acq: 23 Dec 2016 20:00

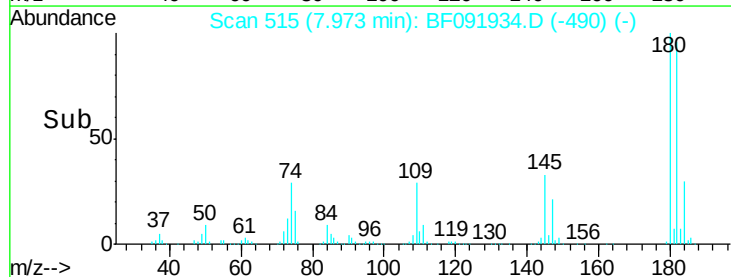
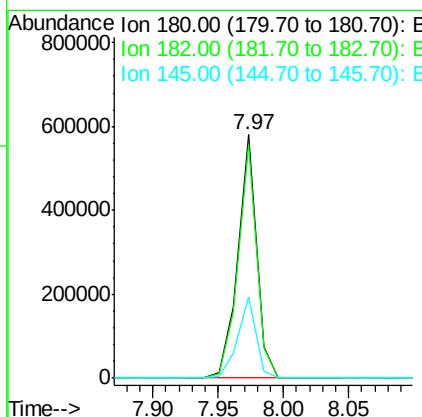
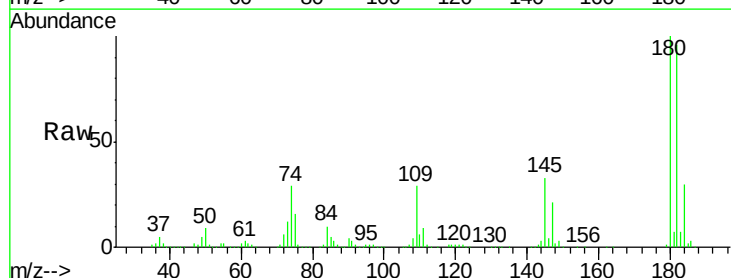
Instrument :
 BNA_F
 ClientSampleId :
 PIT-003-COMPMSD

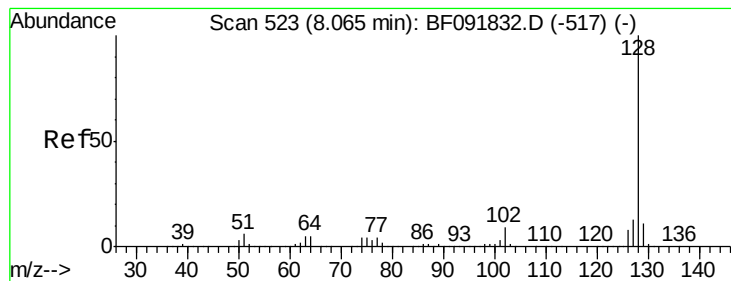
Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.3	46.8	86.8
98	30.9	9.1	49.1



#30
 1,2,4-Trichlorobenzene
 Concen: 47.24 ng
 RT: 7.97 min Scan# 515
 Delta R.T. -0.01 min
 Lab File: BF091934.D
 Acq: 23 Dec 2016 20:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	78.2	117.4
145	33.4	21.6	32.4#





#31

Naphthalene

Concen: 48.97 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF091934.D

Acq: 23 Dec 2016 20:00

Instrument :

BNA_F

ClientSampleId :

PIT-003-COMPMSD

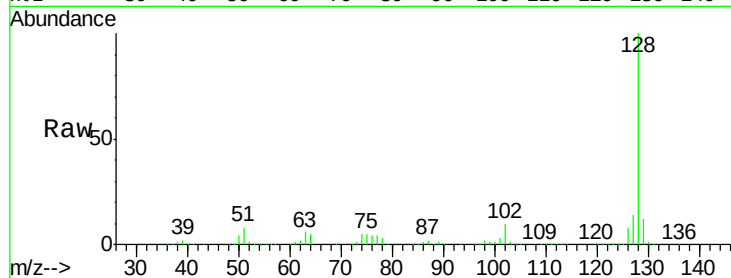
Tgt Ion:128 Resp: 1880238

Ion Ratio Lower Upper

128 100

129 11.7 9.5 14.3

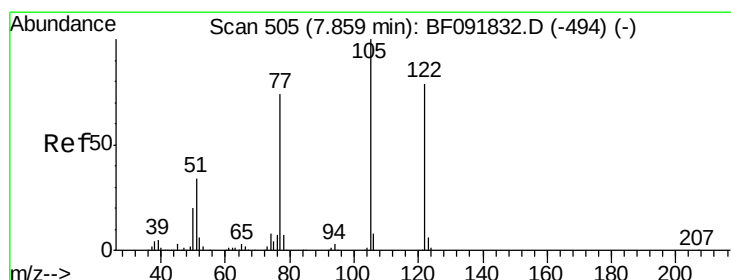
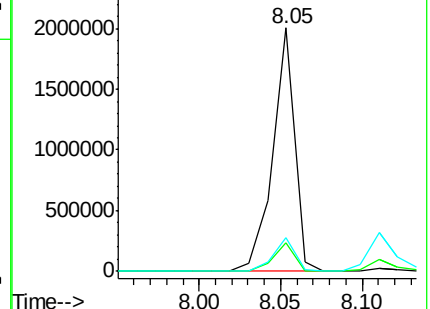
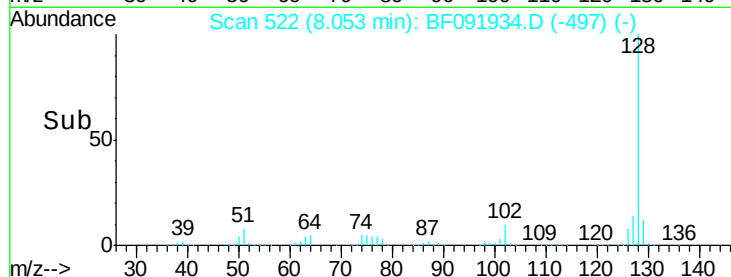
127 13.7 10.8 16.2



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: 17.09 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.01 min

Lab File: BF091934.D

Acq: 23 Dec 2016 20:00

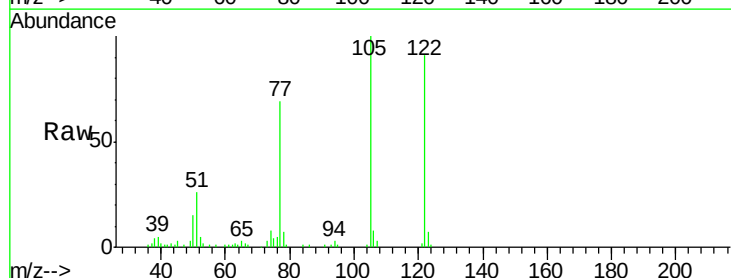
Tgt Ion:122 Resp: 166589

Ion Ratio Lower Upper

122 100

105 110.0 107.2 147.2

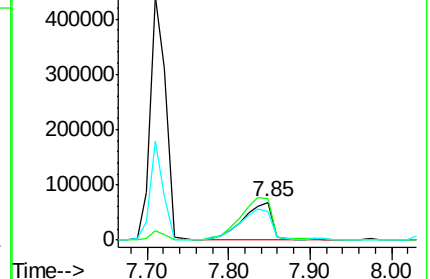
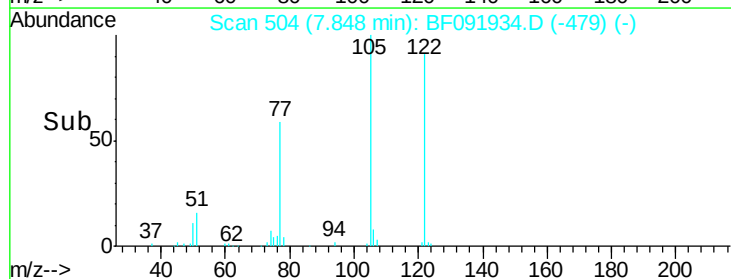
77 75.9 74.5 114.5

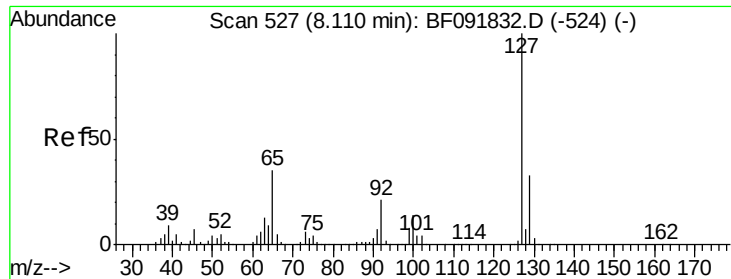


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

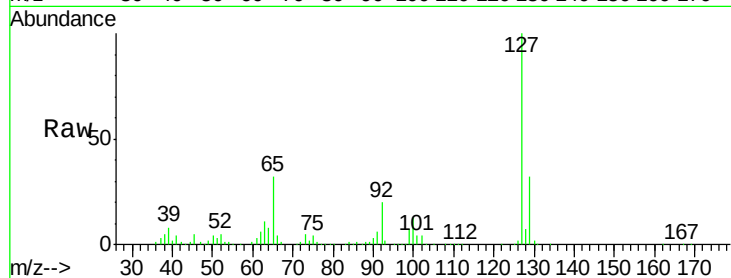




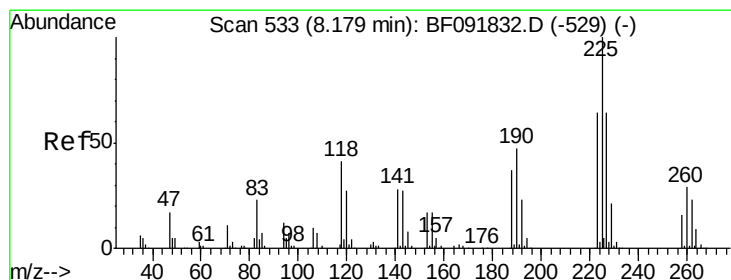
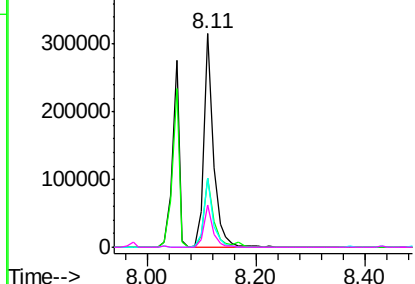
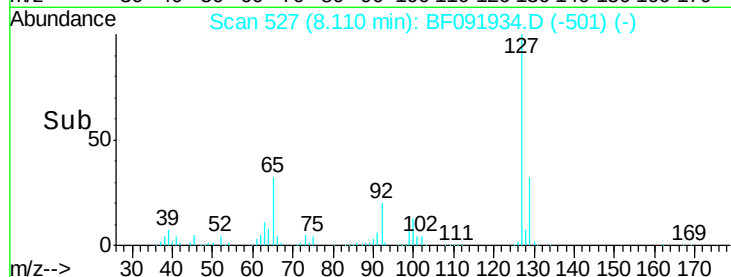
#33
4-Chloroaniline
Concen: 22.14 ng
RT: 8.11 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF091934.D
Acq: 23 Dec 2016 20:00

Instrument :
BNA_F
ClientSampleId :
PIT-003-COMPMSD

Tgt Ion:	127	Resp:	383338
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.3	39.5
65	32.5	25.8	38.8
92	19.8	16.1	24.1

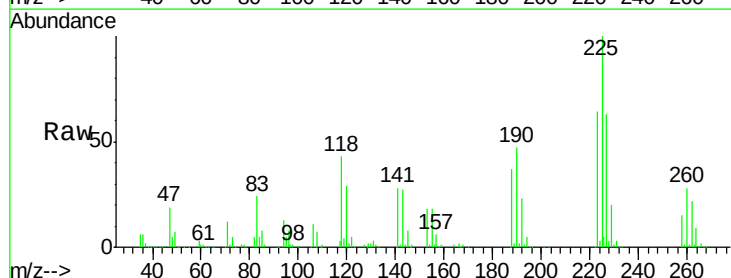


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

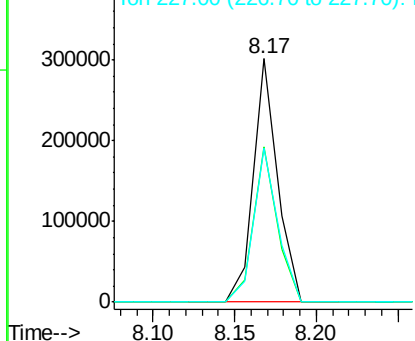
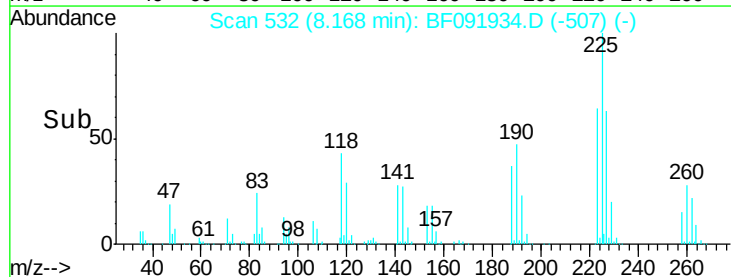


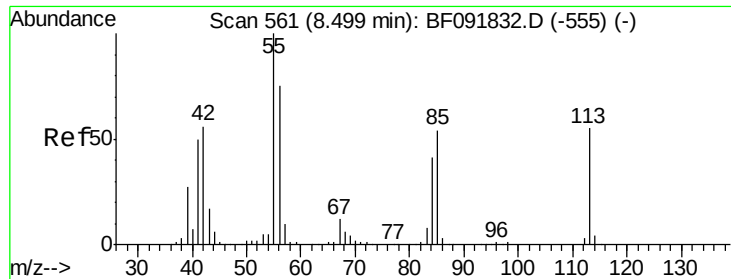
#34
Hexachlorobutadiene
Concen: 48.17 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.01 min
Lab File: BF091934.D
Acq: 23 Dec 2016 20:00

Tgt Ion:	225	Resp:	310103
Ion	Ratio	Lower	Upper
225	100		
223	63.7	51.0	76.6
227	63.3	50.6	76.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

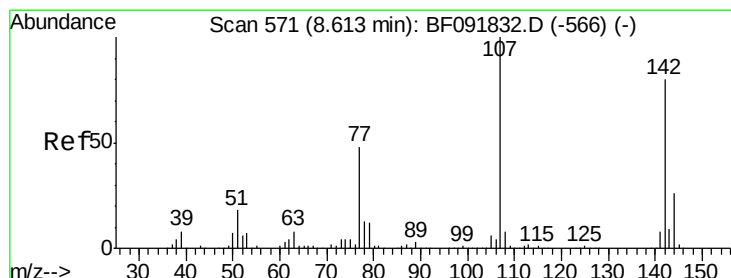
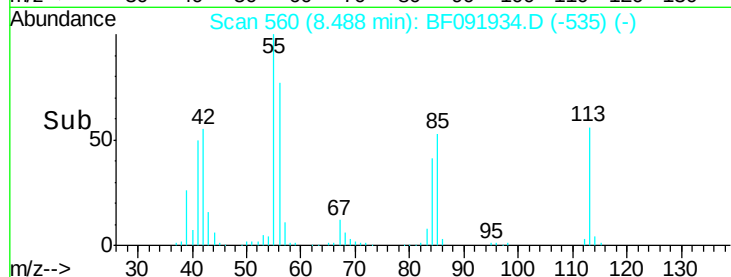
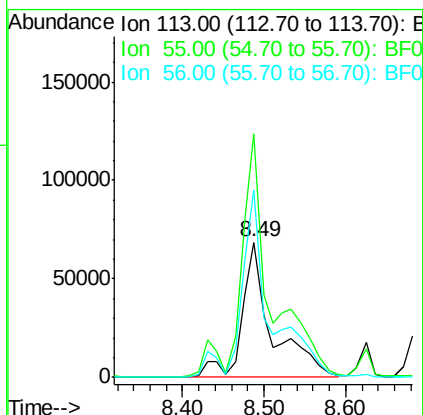
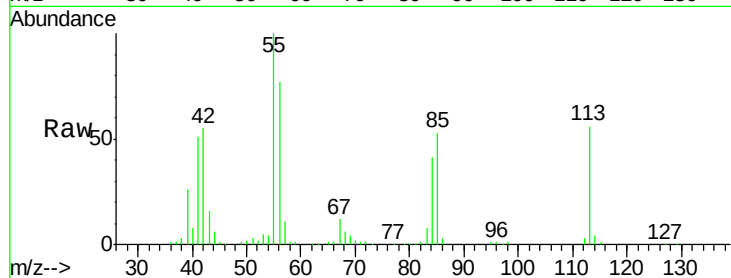




#35
 Caprolactam
 Concen: 47.95 ng
 RT: 8.49 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: BF091934.D
 Acq: 23 Dec 2016 20:00

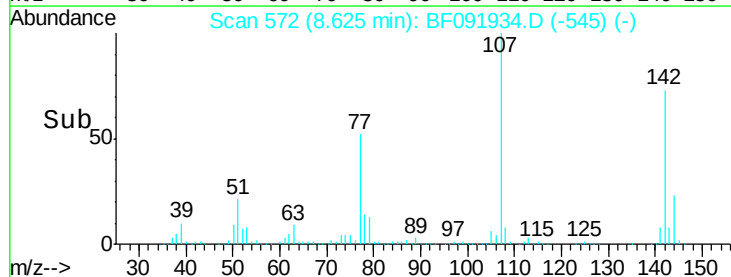
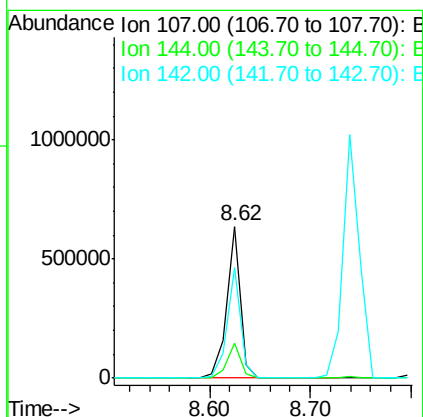
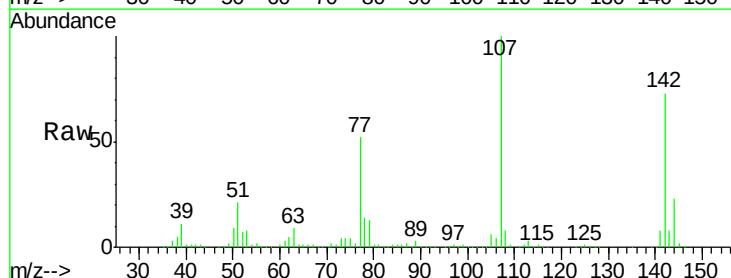
Instrument :
 BNA_F
 ClientSampleId :
 PIT-003-COMPMSD

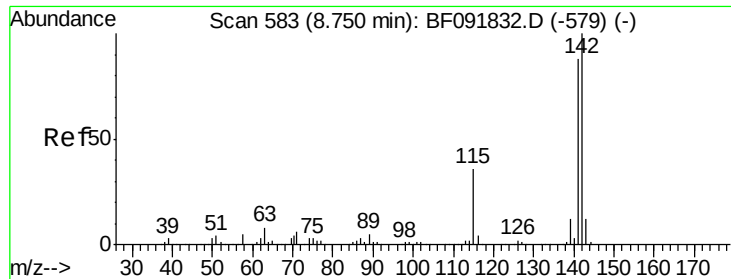
Tgt Ion:113 Resp: 175362
 Ion Ratio Lower Upper
 113 100
 55 180.1 119.2 159.2#
 56 138.9 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 46.83 ng
 RT: 8.62 min Scan# 572
 Delta R.T. 0.01 min
 Lab File: BF091934.D
 Acq: 23 Dec 2016 20:00

Tgt Ion:107 Resp: 599750
 Ion Ratio Lower Upper
 107 100
 144 23.1 19.3 28.9
 142 72.9 59.0 88.6

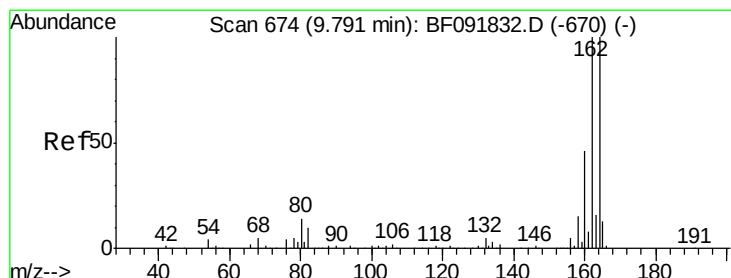
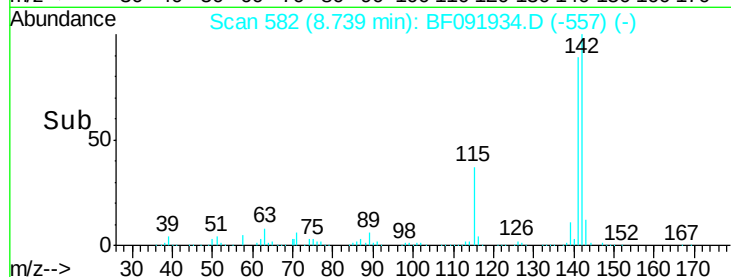
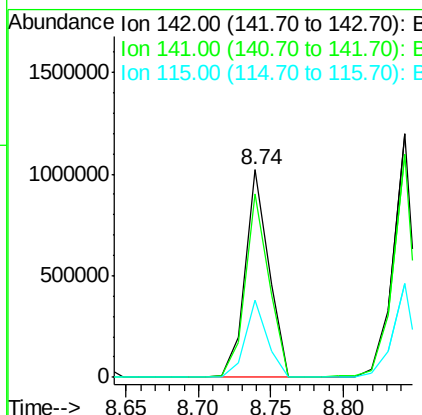
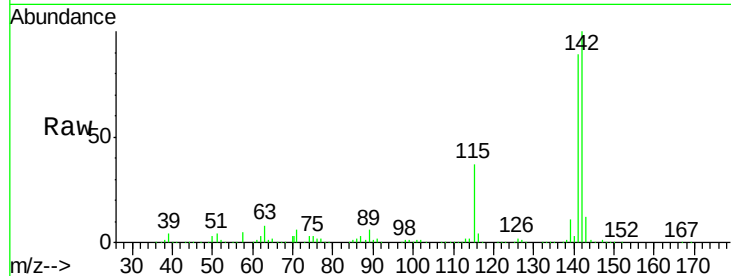




#37
2-Methylnaphthalene
Concen: 53.23 ng
RT: 8.74 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF091934.D
Acq: 23 Dec 2016 20:00

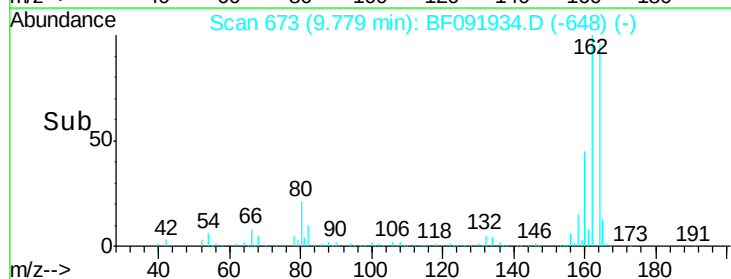
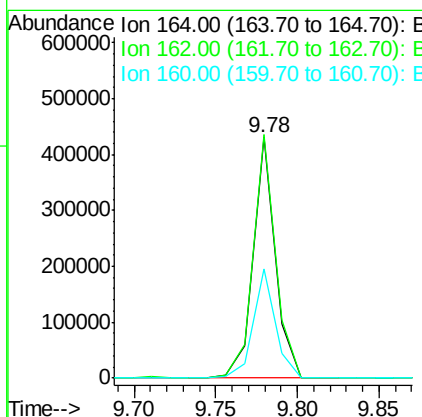
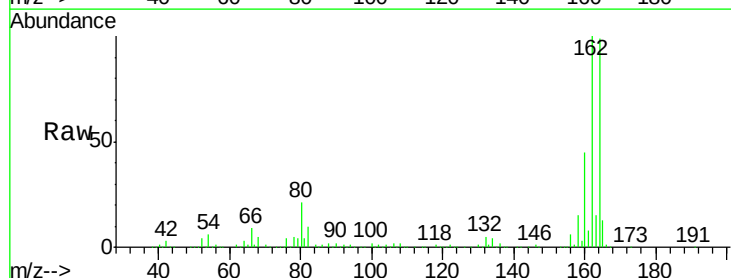
Instrument :
BNA_F
ClientSampleId :
PIT-003-COMPMSD

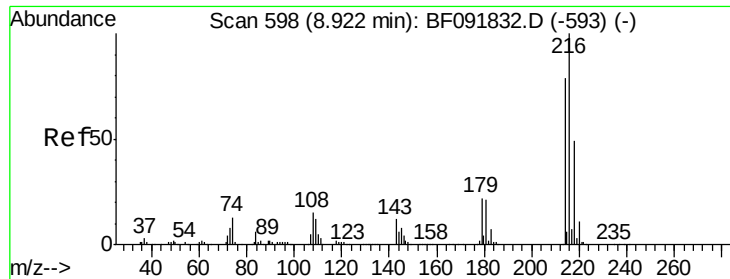
Tgt Ion:142 Resp: 1157129
Ion Ratio Lower Upper
142 100
141 88.6 71.0 106.6
115 37.2 28.3 42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF091934.D
Acq: 23 Dec 2016 20:00

Tgt Ion:164 Resp: 405347
Ion Ratio Lower Upper
164 100
162 101.1 80.2 120.2
160 45.2 36.9 55.3

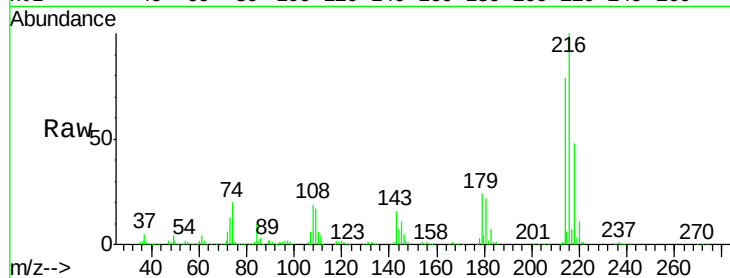




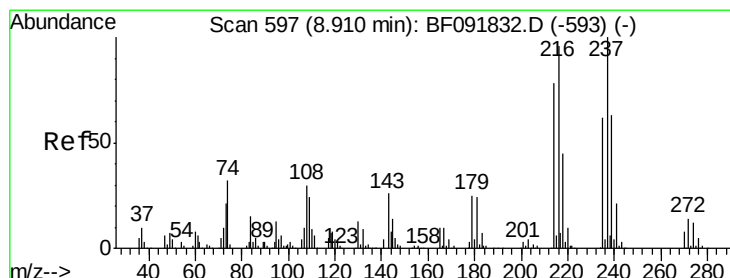
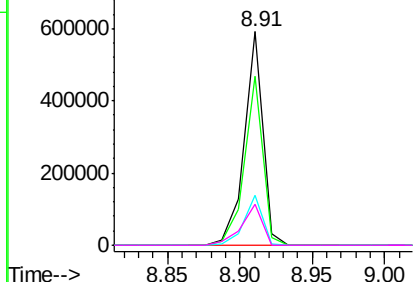
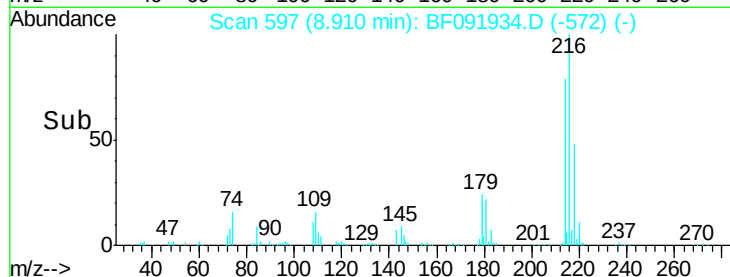
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 51.31 ng
 RT: 8.91 min Scan# 597
 Delta R.T. -0.01 min
 Lab File: BF091934.D
 Acq: 23 Dec 2016 20:00

Instrument :
 BNA_F
 ClientSampleId :
 PIT-003-COMPMSD

Tgt Ion:	216	Resp:	525444
Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.4	95.0
179	23.5	17.4	26.2
108	22.0	15.6	23.4

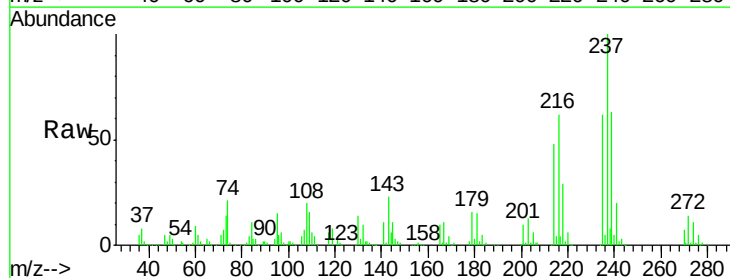


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

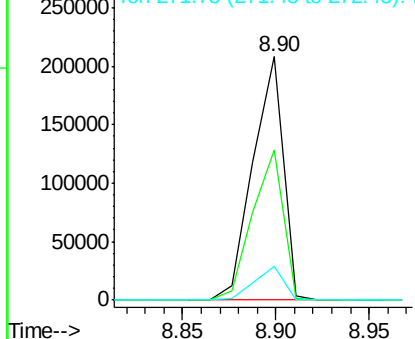
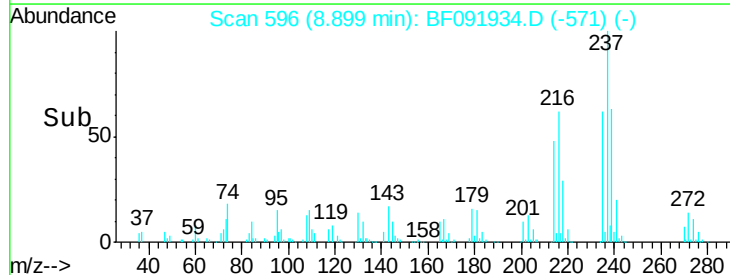


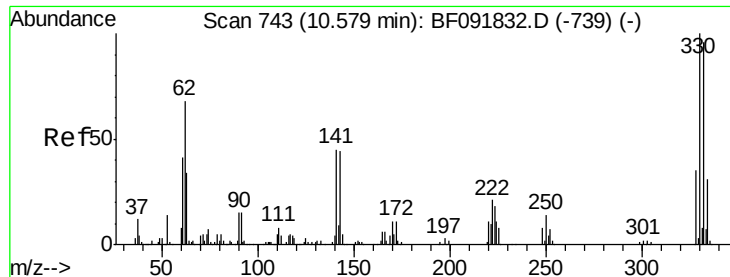
#40
 Hexachlorocyclopentadiene
 Concen: 52.71 ng
 RT: 8.90 min Scan# 596
 Delta R.T. -0.01 min
 Lab File: BF091934.D
 Acq: 23 Dec 2016 20:00

Tgt Ion:	237	Resp:	233905
Ion	Ratio	Lower	Upper
237	100		
235	61.5	41.2	81.2
272	13.7	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

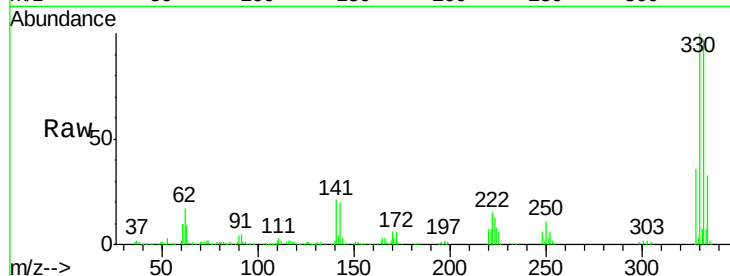




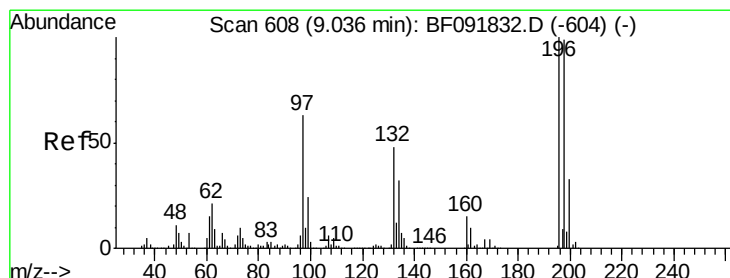
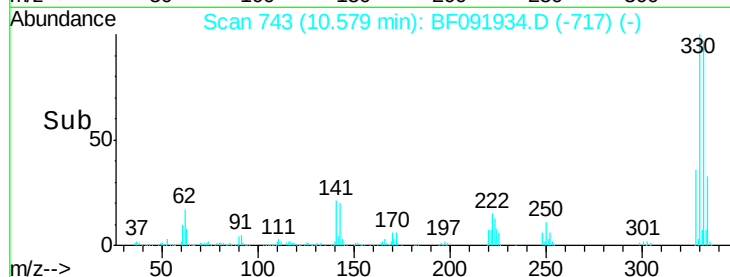
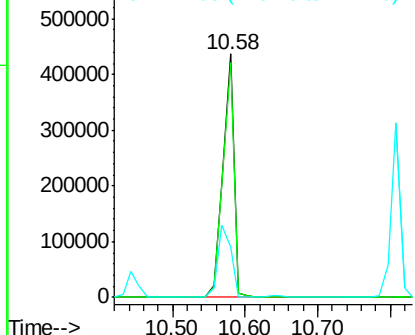
#41
 2,4,6-Tribromophenol
 Concen: 138.83 ng
 RT: 10.58 min Scan# 743
 Delta R.T. 0.00 min
 Lab File: BF091934.D
 Acq: 23 Dec 2016 20:00

Instrument :
 BNA_F
 ClientSampleId :
 PIT-003-COMPMSD

Tgt Ion:330 Resp: 465719
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.4 116.2
 141 35.5 34.1 51.1

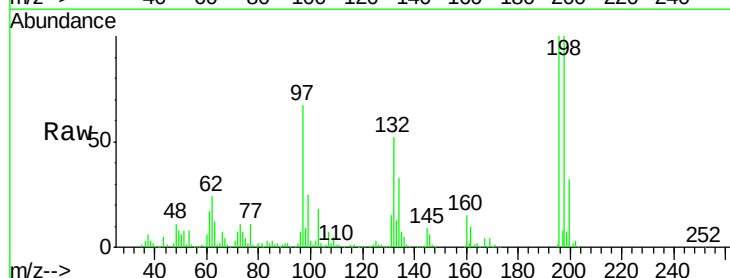


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

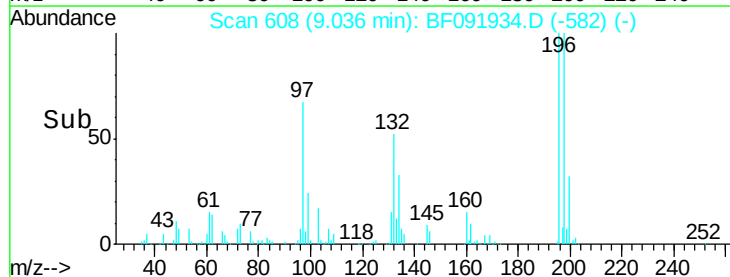
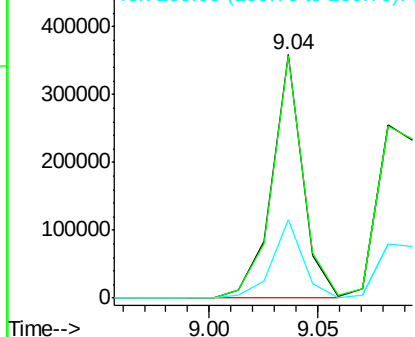


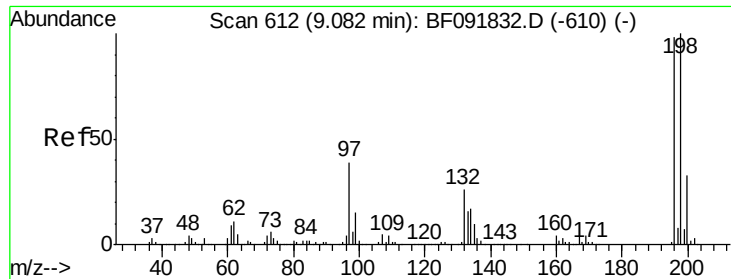
#42
 2,4,6-Trichlorophenol
 Concen: 49.84 ng
 RT: 9.04 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: BF091934.D
 Acq: 23 Dec 2016 20:00

Tgt Ion:196 Resp: 356980
 Ion Ratio Lower Upper
 196 100
 198 99.5 82.1 123.1
 200 32.3 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

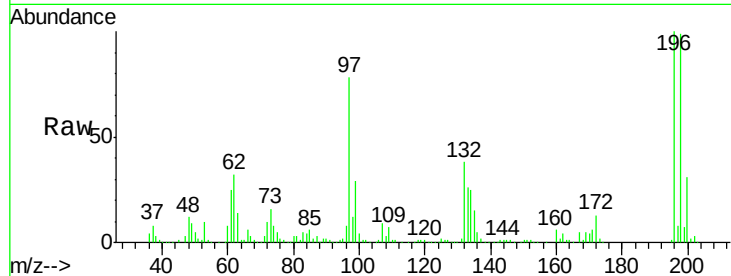




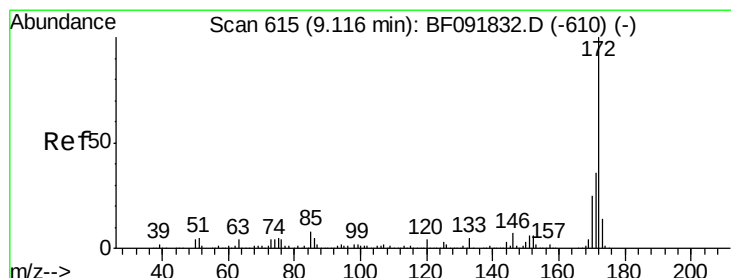
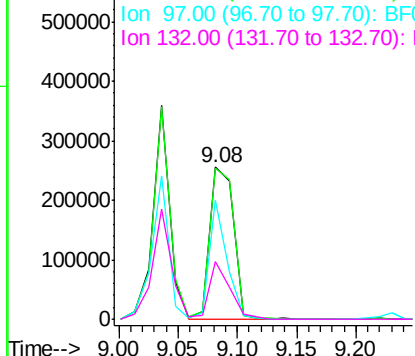
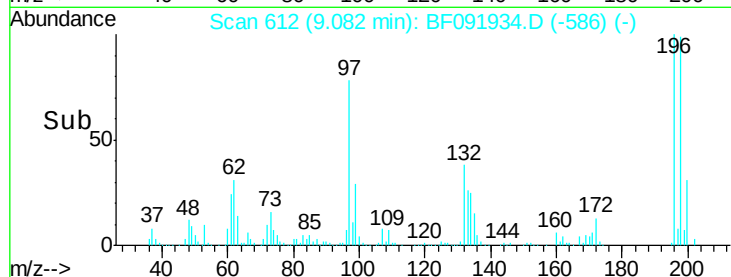
#43
 2,4,5-Trichlorophenol
 Concen: 47.56 ng
 RT: 9.08 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF091934.D
 Acq: 23 Dec 2016 20:00

Instrument :
 BNA_F
 ClientSampleId :
 PIT-003-COMPMSD

Tgt Ion:196 Resp: 350550
 Ion Ratio Lower Upper
 196 100
 198 98.9 79.4 119.2
 97 78.1 51.5 77.3#
 132 37.8 27.4 41.2

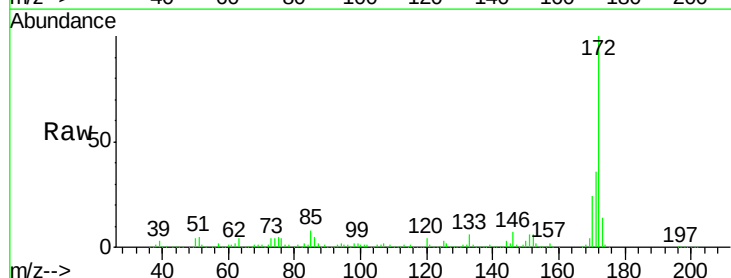


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

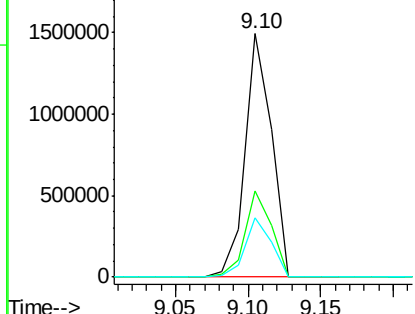
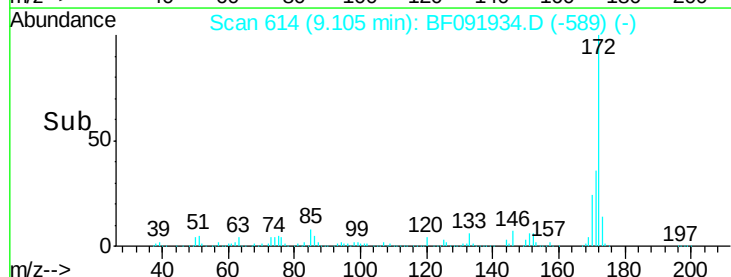


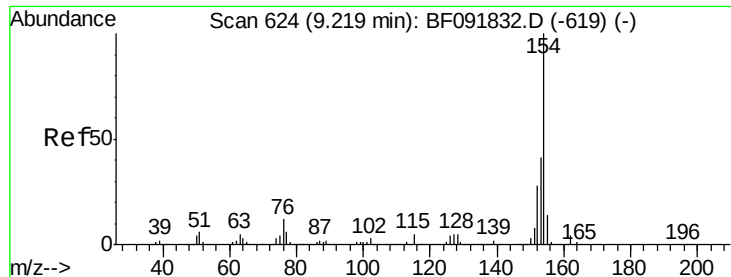
#44
 2-Fluorobiphenyl
 Concen: 96.54 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF091934.D
 Acq: 23 Dec 2016 20:00

Tgt Ion:172 Resp: 1875290
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.4 44.0
 170 24.5 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

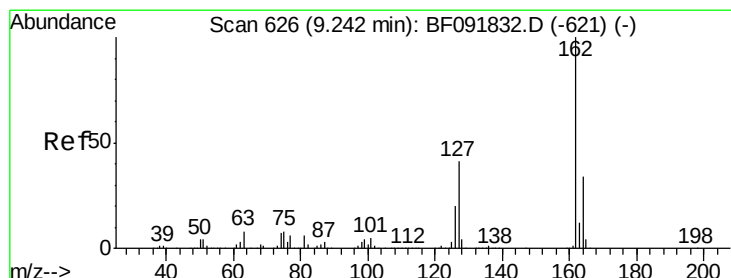
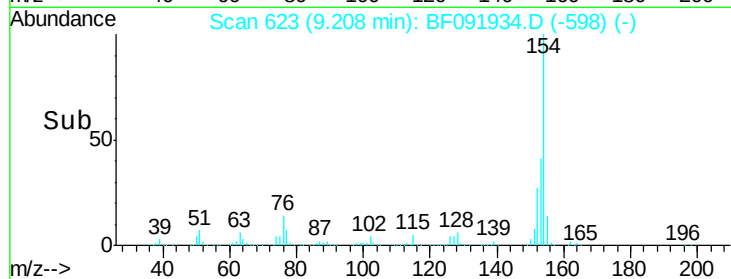
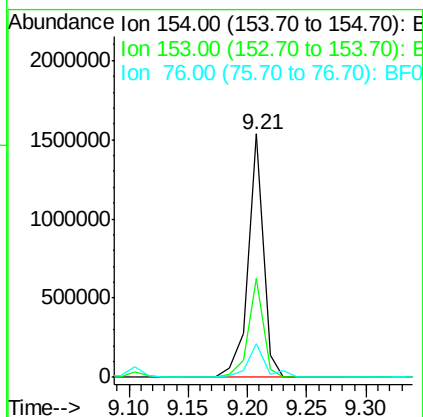
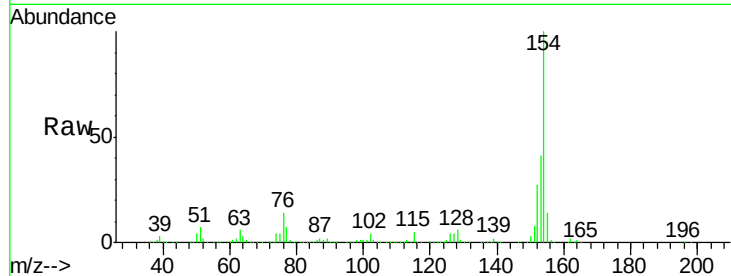




#45
 1,1'-Biphenyl
 Concen: 49.82 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF091934.D
 Acq: 23 Dec 2016 20:00

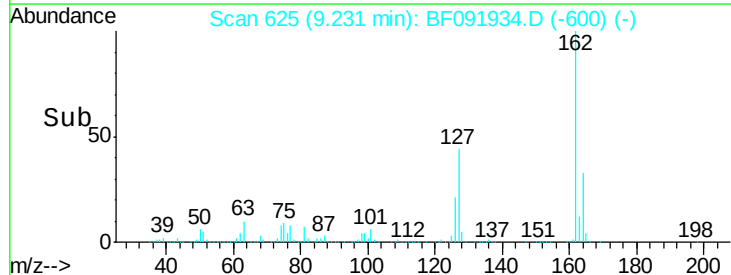
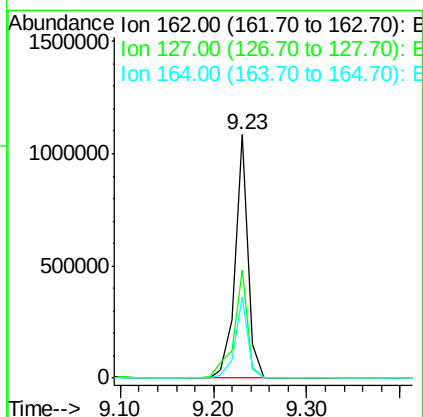
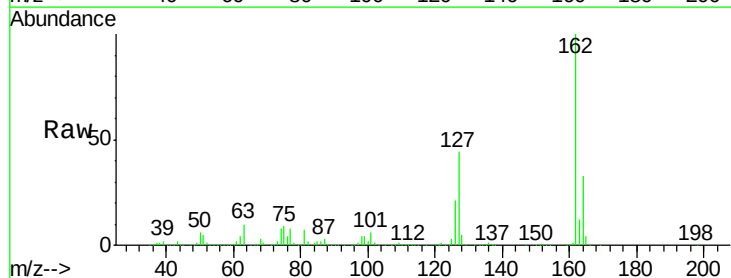
Instrument :
 BNA_F
 ClientSampleId :
 PIT-003-COMPMSD

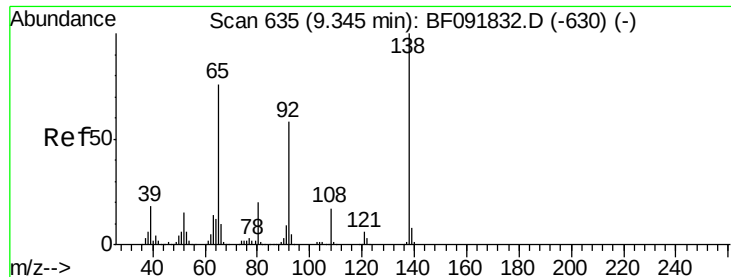
Tgt Ion:154 Resp: 1382699
 Ion Ratio Lower Upper
 154 100
 153 40.6 20.9 60.9
 76 13.8 0.0 30.5



#46
 2-Chloronaphthalene
 Concen: 47.77 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF091934.D
 Acq: 23 Dec 2016 20:00

Tgt Ion:162 Resp: 1050052
 Ion Ratio Lower Upper
 162 100
 127 44.5 30.7 46.1
 164 33.1 27.6 41.4

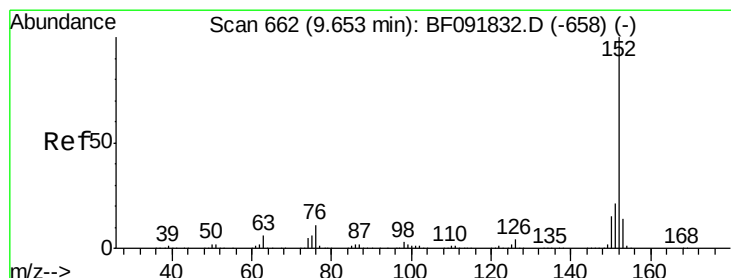
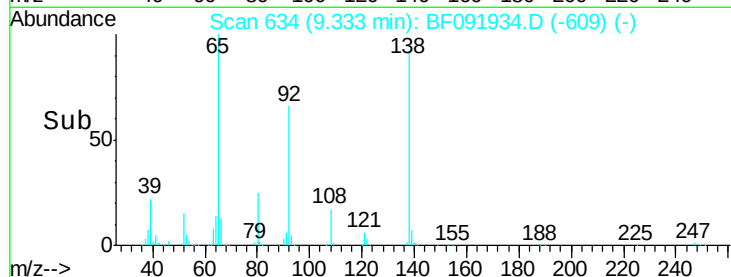
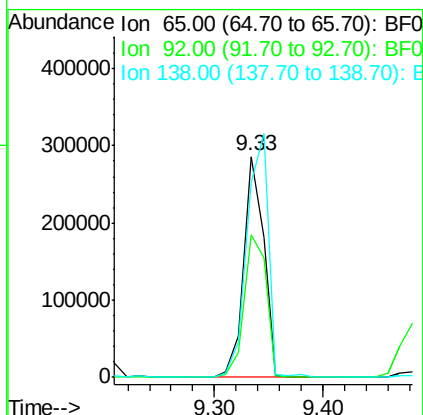
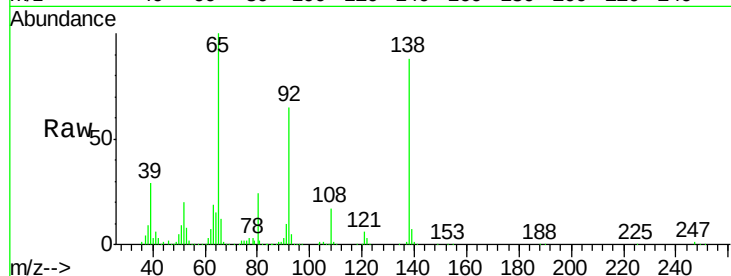




#47
2-Nitroaniline
Concen: 46.96 ng
RT: 9.33 min Scan# 634
Delta R.T. -0.01 min
Lab File: BF091934.D
Acq: 23 Dec 2016 20:00

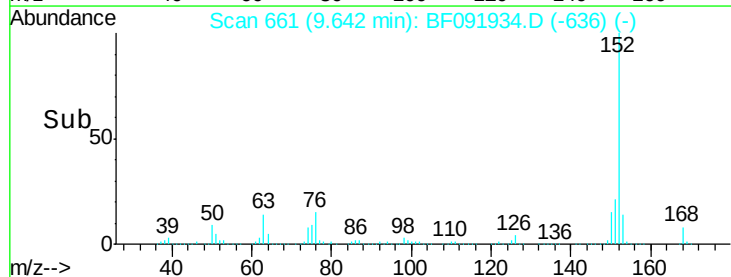
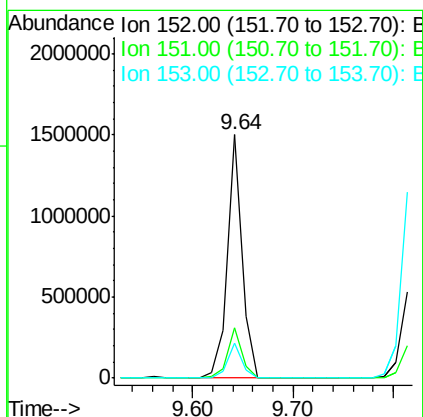
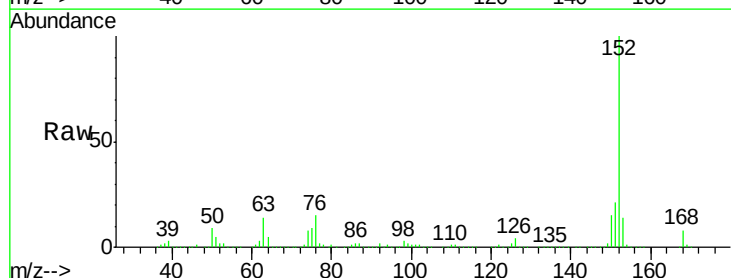
Instrument :
BNA_F
ClientSampleId :
PIT-003-COMPMSD

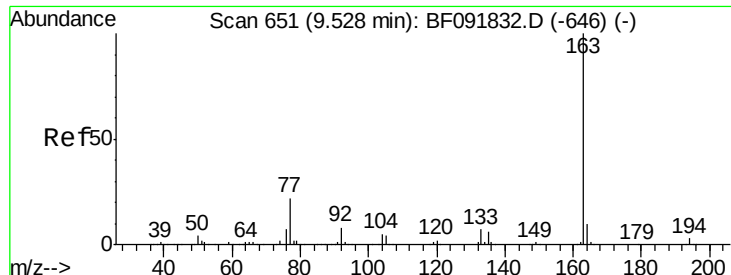
Tgt Ion: 65 Resp: 367506
Ion Ratio Lower Upper
65 100
92 64.7 53.9 80.9
138 88.5 76.8 115.2



#48
Acenaphthylene
Concen: 45.15 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF091934.D
Acq: 23 Dec 2016 20:00

Tgt Ion: 152 Resp: 1526118
Ion Ratio Lower Upper
152 100
151 20.6 16.9 25.3
153 14.4 11.4 17.2

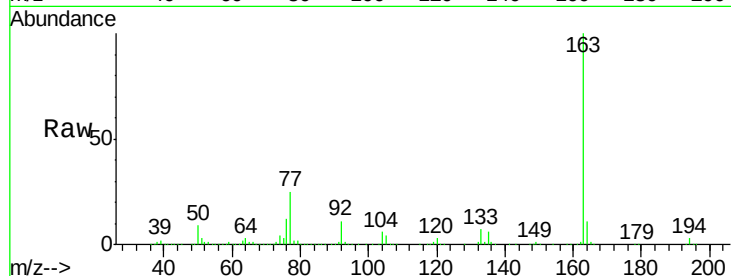




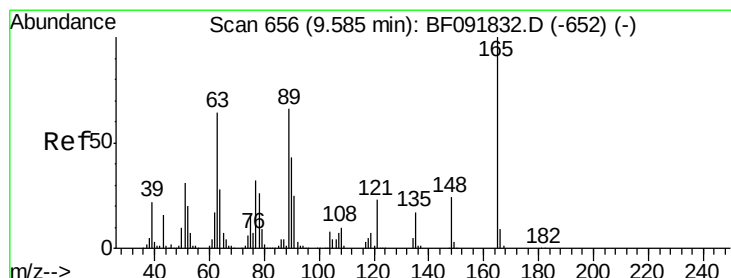
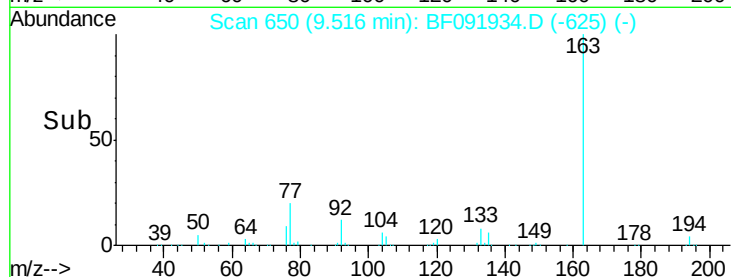
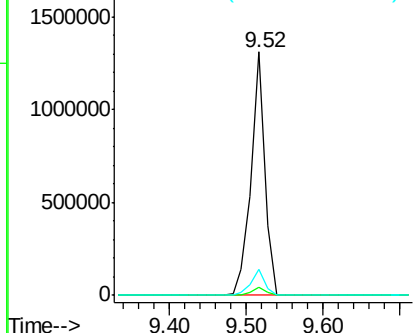
#49
Dimethylphthalate
Concen: 62.79 ng
RT: 9.52 min Scan# 650
Delta R.T. -0.01 min
Lab File: BF091934.D
Acq: 23 Dec 2016 20:00

Instrument :
BNA_F
ClientSampleId :
PIT-003-COMPMSD

Tgt Ion:163 Resp: 1627896
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.4
164 10.6 8.0 12.0

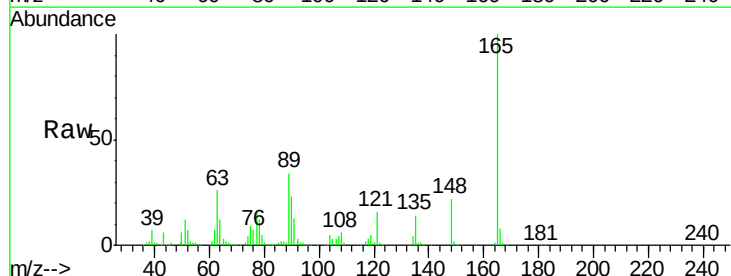


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

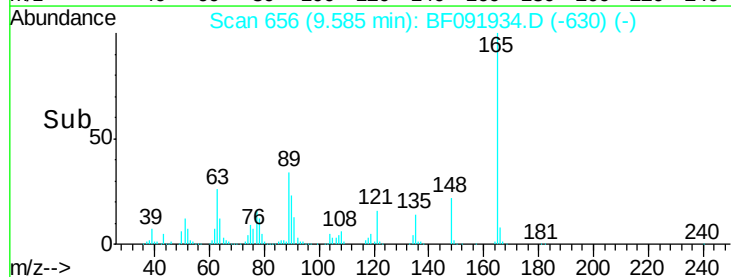
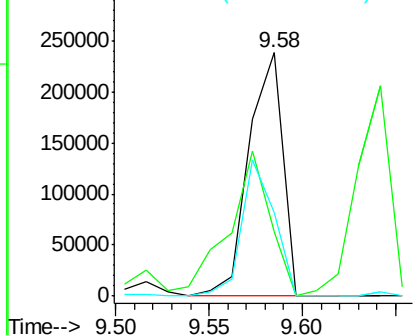


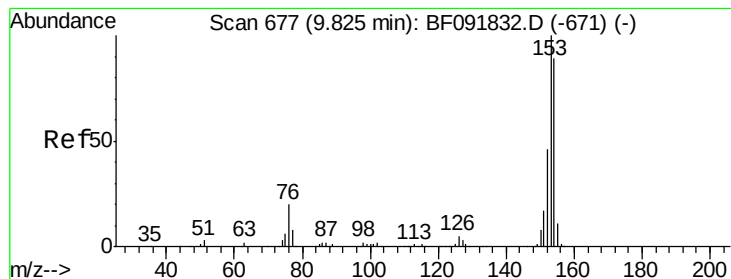
#50
2,6-Dinitrotoluene
Concen: 52.74 ng
RT: 9.58 min Scan# 656
Delta R.T. 0.00 min
Lab File: BF091934.D
Acq: 23 Dec 2016 20:00

Tgt Ion:165 Resp: 299282
Ion Ratio Lower Upper
165 100
63 26.3 36.2 54.4#
89 34.1 40.2 60.4#



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





#51

Acenaphthene

Concen: 44.41 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.01 min

Lab File: BF091934.D

Acq: 23 Dec 2016 20:00

Instrument :

BNA_F

ClientSampleId :

PIT-003-COMPMSD

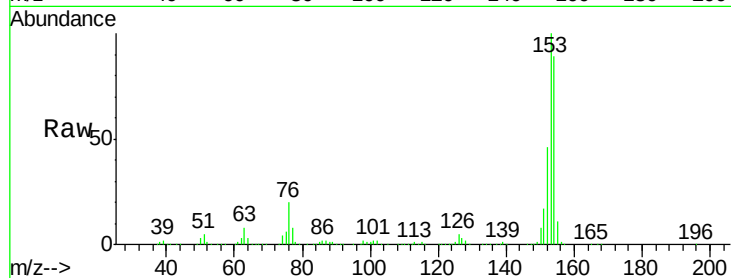
Tgt Ion:154 Resp: 1017789

Ion Ratio Lower Upper

154 100

153 112.1 88.6 133.0

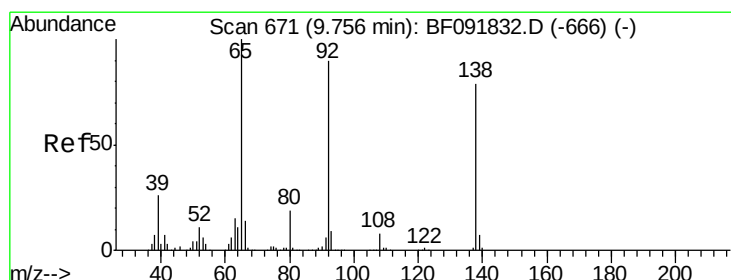
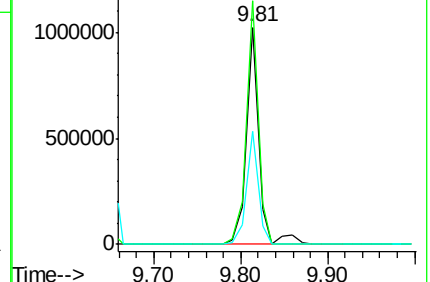
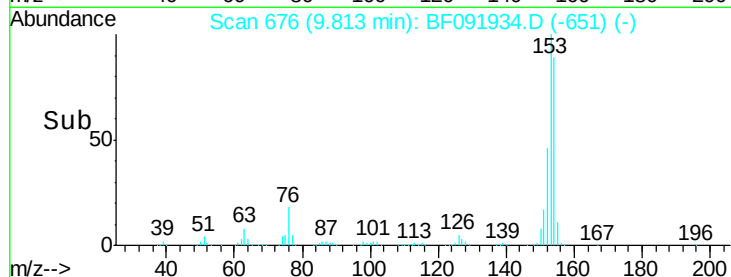
152 51.8 41.6 62.4



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: 28.59 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF091934.D

Acq: 23 Dec 2016 20:00

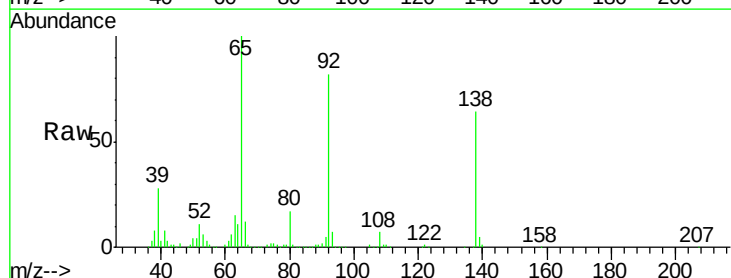
Tgt Ion:138 Resp: 200781

Ion Ratio Lower Upper

138 100

108 10.9 8.5 12.7

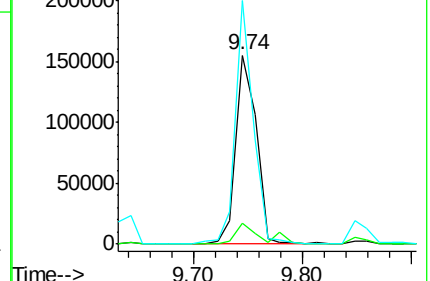
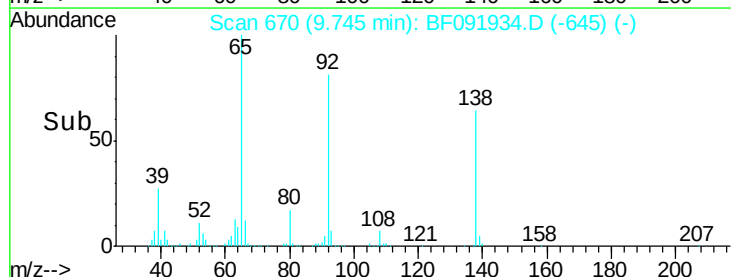
92 128.7 97.8 146.8

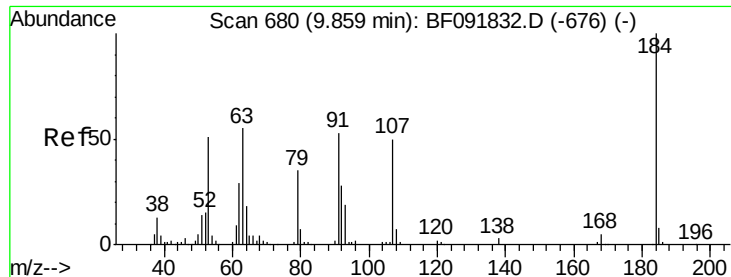


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

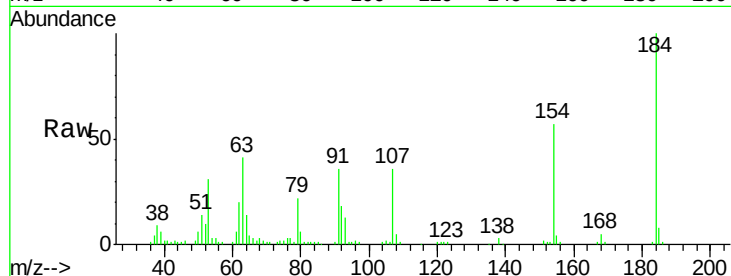




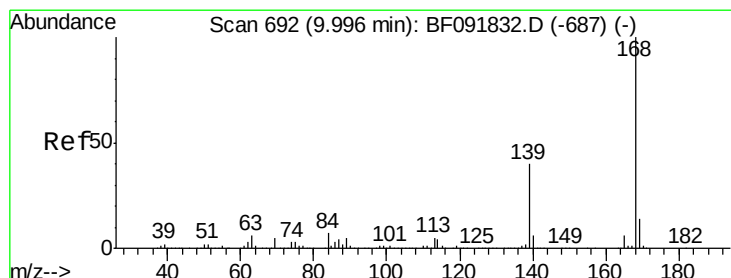
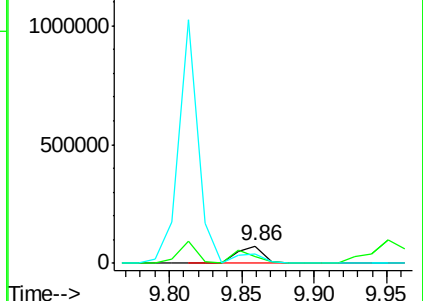
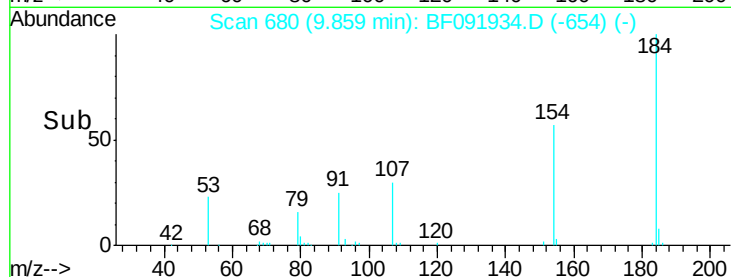
#53
 2,4-Dinitrophenol
 Concen: 30.67 ng
 RT: 9.86 min Scan# 680
 Delta R.T. 0.00 min
 Lab File: BF091934.D
 Acq: 23 Dec 2016 20:00

Instrument :
 BNA_F
 ClientSampleId :
 PIT-003-COMPMSD

Tgt Ion:184 Resp: 96831
 Ion Ratio Lower Upper
 184 100
 63 41.3 28.4 42.6
 154 57.4 44.3 66.5

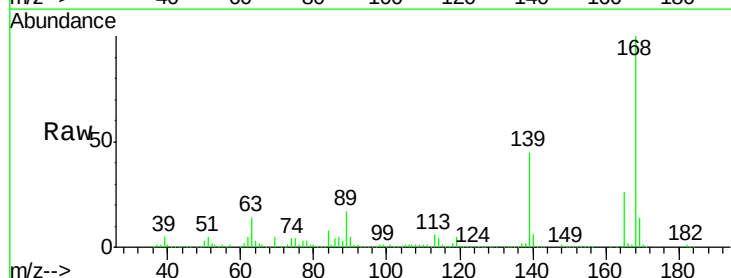


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

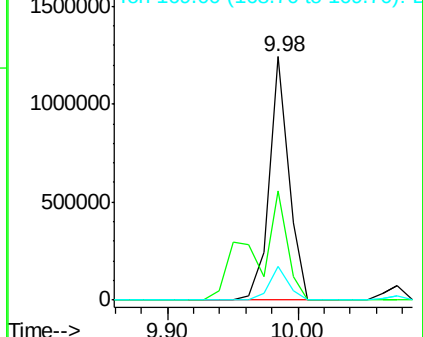
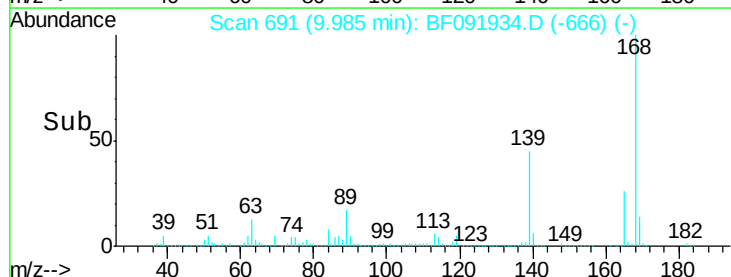


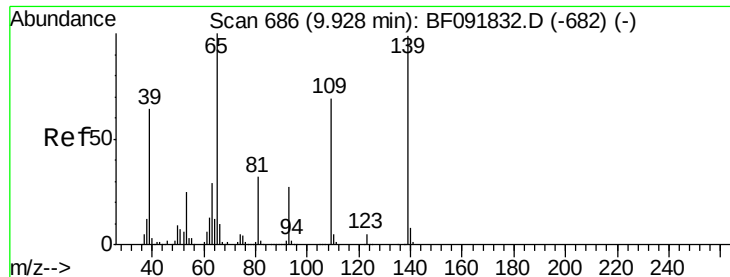
#54
 Dibenzofuran
 Concen: 42.18 ng
 RT: 9.98 min Scan# 691
 Delta R.T. -0.01 min
 Lab File: BF091934.D
 Acq: 23 Dec 2016 20:00

Tgt Ion:168 Resp: 1305521
 Ion Ratio Lower Upper
 168 100
 139 44.9 32.6 49.0
 169 13.9 11.3 16.9



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

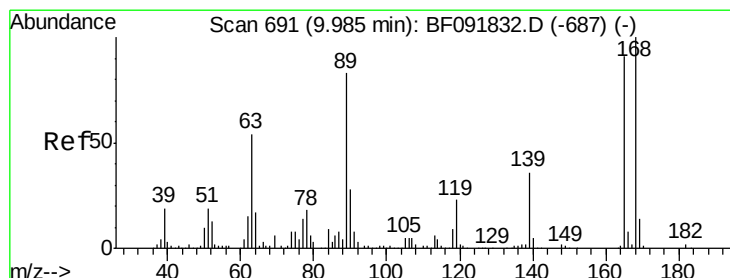
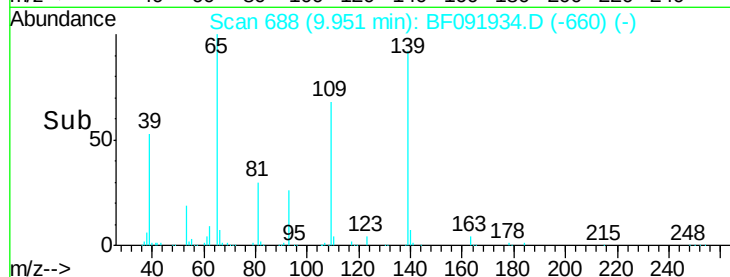
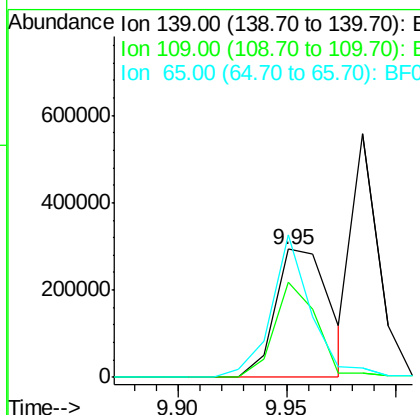
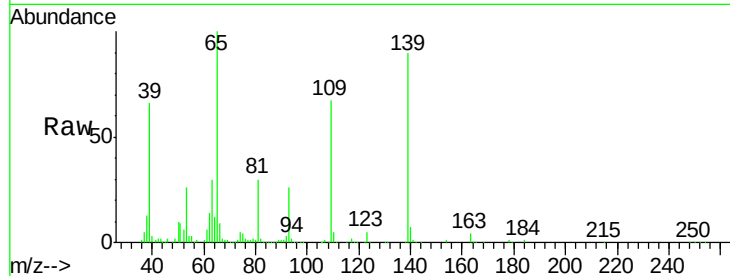




#55
4-Nitrophenol
Concen: 107.31 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.02 min
Lab File: BF091934.D
Acq: 23 Dec 2016 20:00

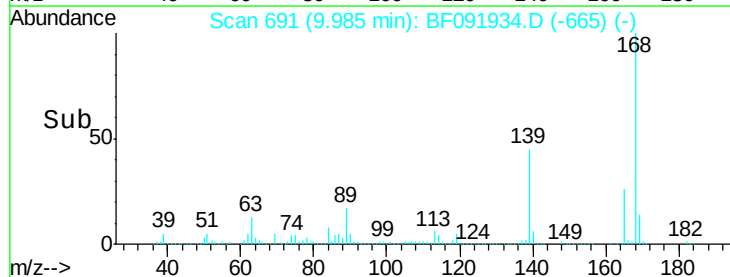
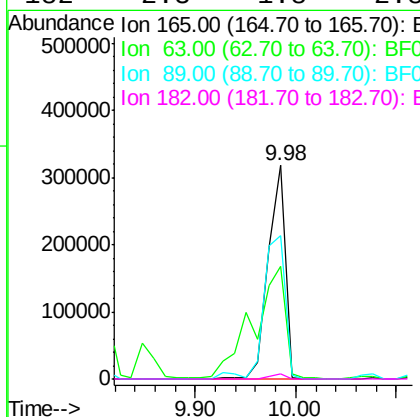
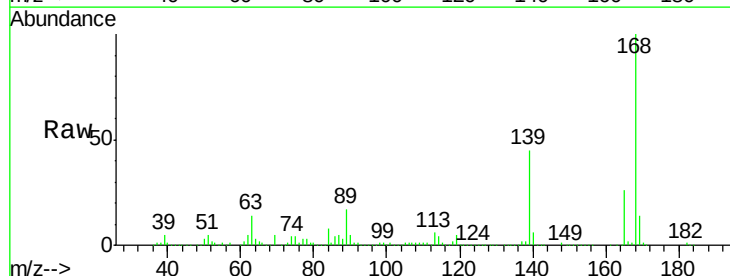
Instrument :
BNA_F
ClientSampleId :
PIT-003-COMPMSD

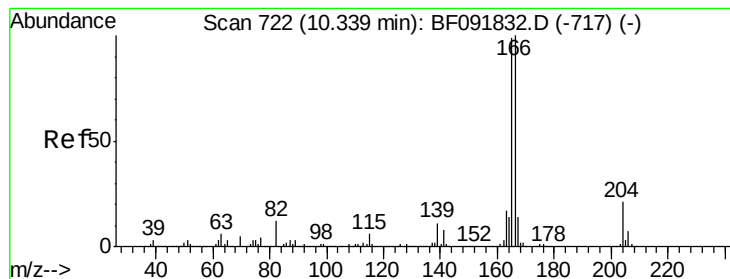
Tgt Ion:139 Resp: 511678
Ion Ratio Lower Upper
139 100
109 74.7 52.2 92.2
65 110.9 85.8 125.8



#56
2,4-Dinitrotoluene
Concen: 52.88 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF091934.D
Acq: 23 Dec 2016 20:00

Tgt Ion:165 Resp: 376590
Ion Ratio Lower Upper
165 100
63 52.8 40.2 60.4
89 67.4 62.5 93.7
182 2.3 1.8 2.8





#57

Fluorene

Concen: 45.43 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF091934.D

Acq: 23 Dec 2016 20:00

Instrument :

BNA_F

ClientSampleId :

PIT-003-COMPMSD

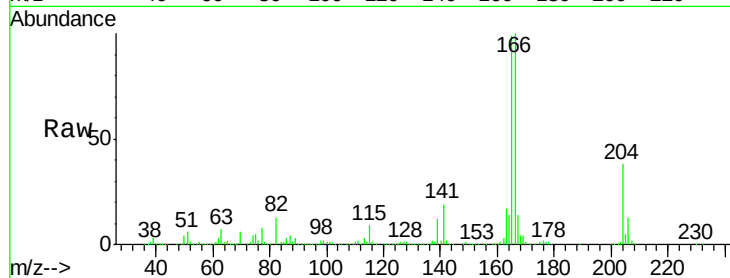
Tgt Ion:166 Resp: 1023012

Ion Ratio Lower Upper

166 100

165 99.0 77.8 116.8

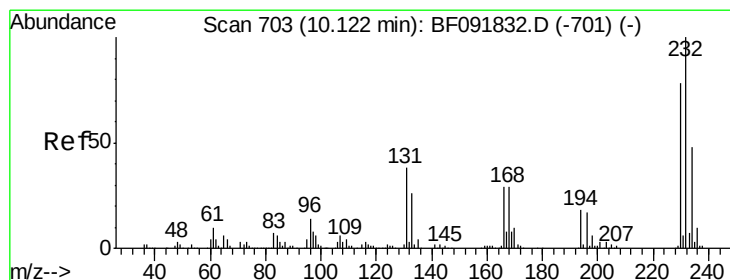
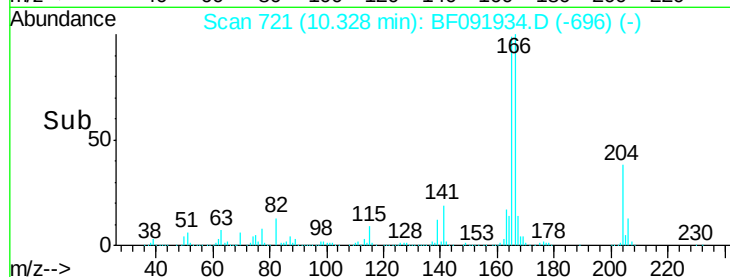
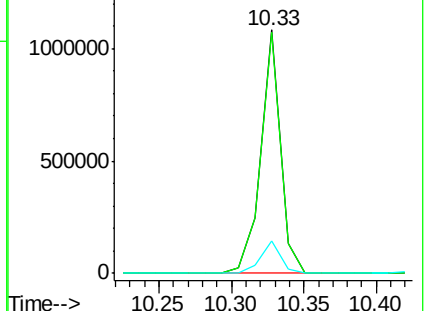
167 13.5 10.8 16.2



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: 50.16 ng

RT: 10.12 min Scan# 703

Delta R.T. 0.00 min

Lab File: BF091934.D

Acq: 23 Dec 2016 20:00

Tgt Ion:232 Resp: 292398

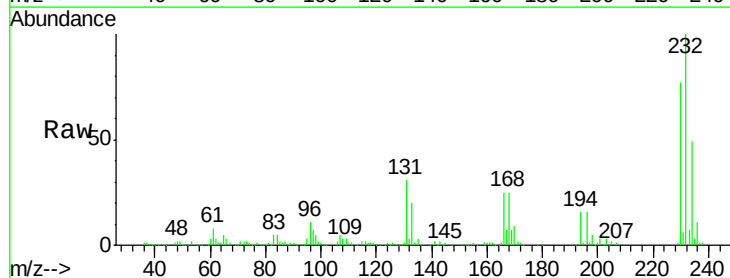
Ion Ratio Lower Upper

232 100

131 48.8 40.1 60.1

130 2.3 1.8 2.8

166 32.7 26.6 39.8

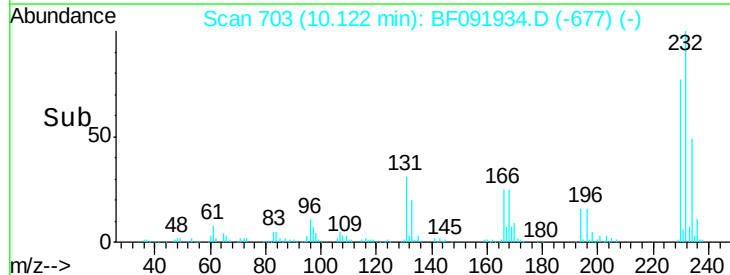
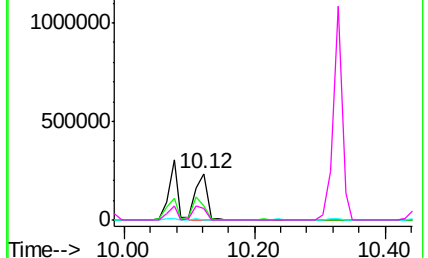


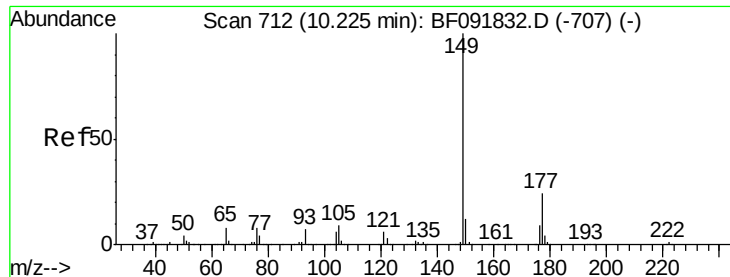
Abundance Ion 232.00 (231.70 to 232.70): E

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

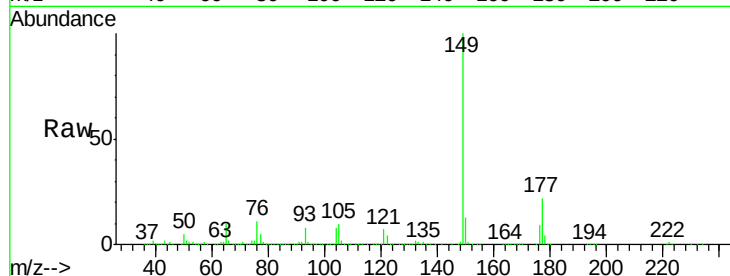




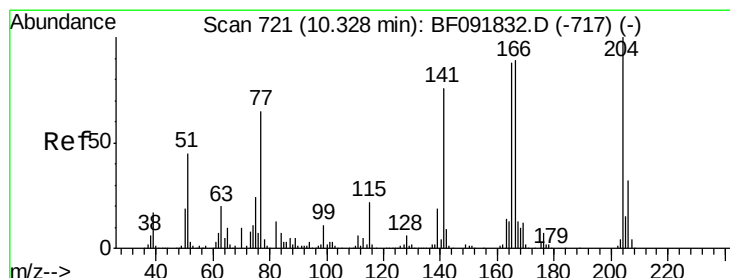
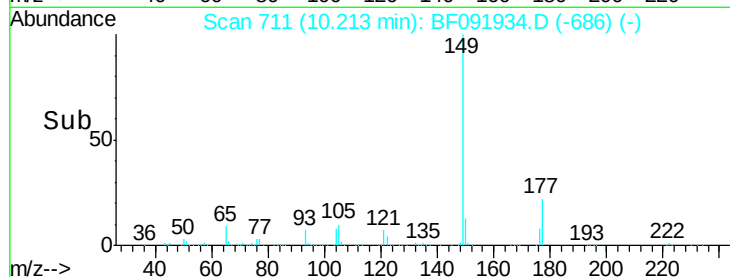
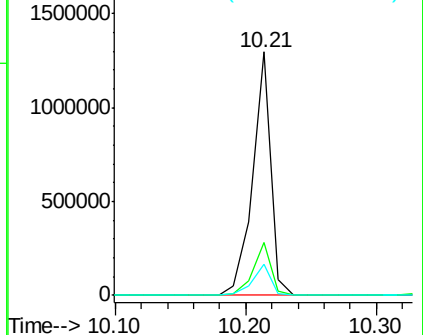
#59
Diethylphthalate
Concen: 50.07 ng
RT: 10.21 min Scan# 711
Delta R.T. -0.01 min
Lab File: BF091934.D
Acq: 23 Dec 2016 20:00

Instrument :
BNA_F
ClientSampleId :
PIT-003-COMPMSD

Tgt Ion:149 Resp: 1260582
Ion Ratio Lower Upper
149 100
177 21.7 16.6 25.0
150 12.7 10.4 15.6

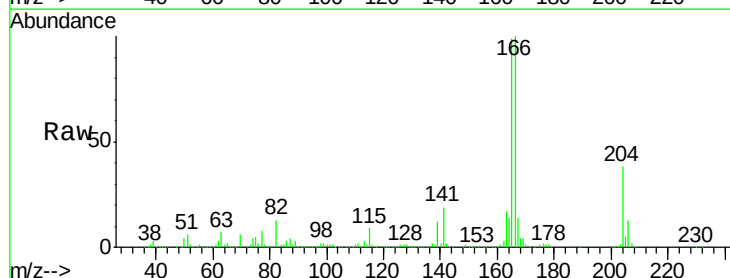


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

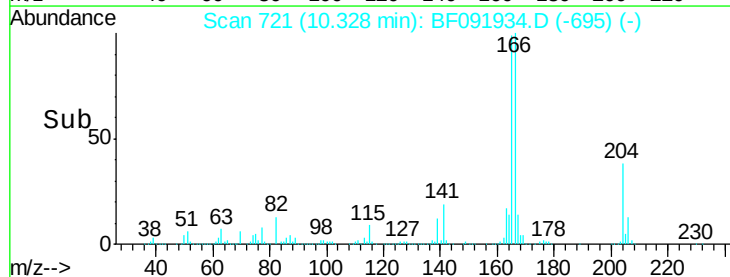
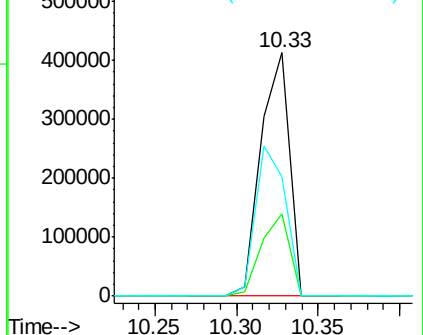


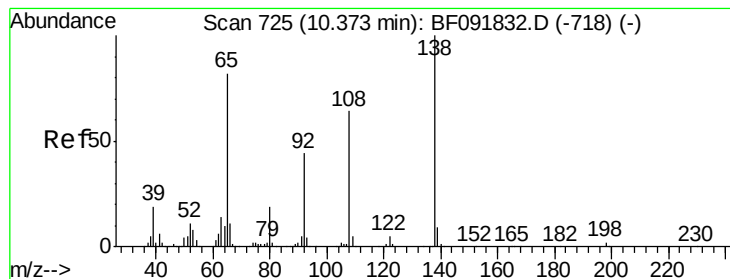
#60
4-Chlorophenyl-phenylether
Concen: 51.28 ng
RT: 10.33 min Scan# 721
Delta R.T. 0.00 min
Lab File: BF091934.D
Acq: 23 Dec 2016 20:00

Tgt Ion:204 Resp: 505540
Ion Ratio Lower Upper
204 100
206 33.9 25.8 38.6
141 49.1 59.4 89.0#



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 34.14 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF091934.D

Acq: 23 Dec 2016 20:00

Instrument :

BNA_F

ClientSampleId :

PIT-003-COMPMSD

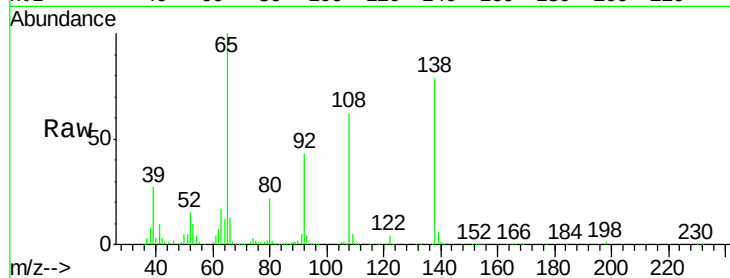
Tgt Ion:138 Resp: 248457

Ion Ratio Lower Upper

138 100

92 54.1 31.7 71.7

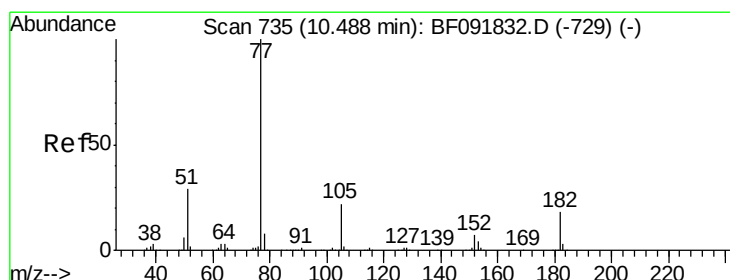
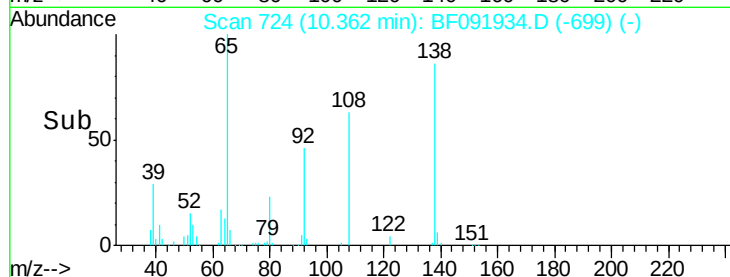
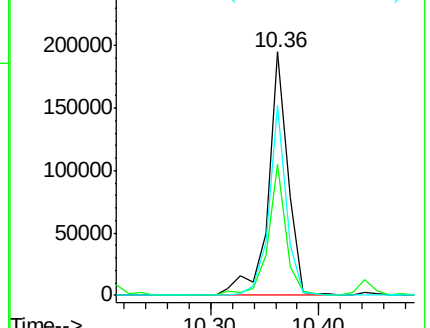
108 77.8 52.6 92.6



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: 48.23 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF091934.D

Acq: 23 Dec 2016 20:00

Tgt Ion: 77 Resp: 1336913

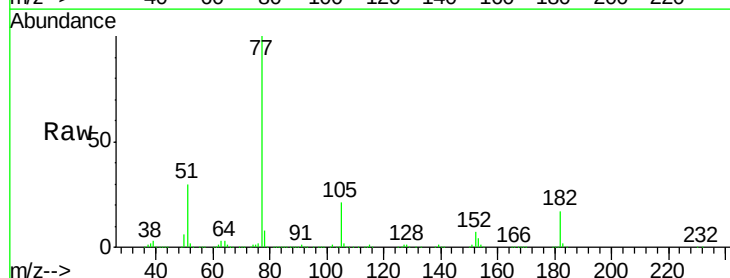
Ion Ratio Lower Upper

77 100

182 17.4 0.0 39.3

105 21.3 2.3 42.3

51 30.1 8.9 48.9

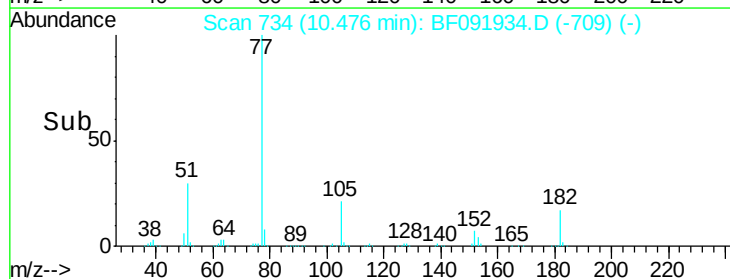
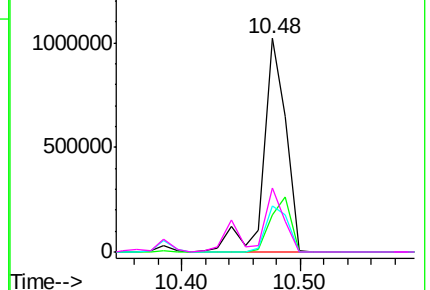


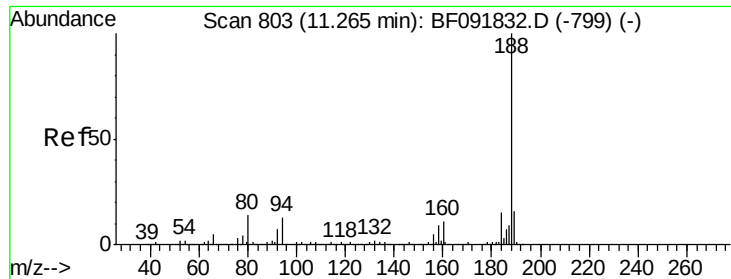
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.27 min Scan# 803

Delta R.T. 0.00 min

Lab File: BF091934.D

Acq: 23 Dec 2016 20:00

Instrument :

BNA_F

ClientSampleId :

PIT-003-COMPMSD

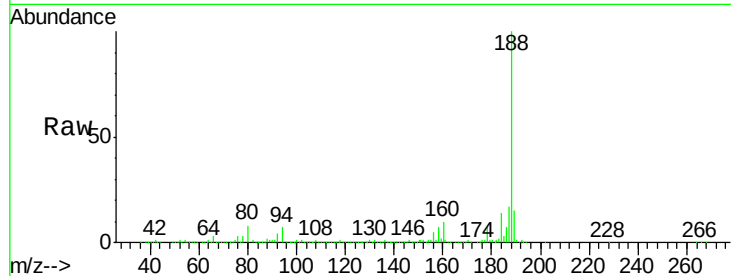
Tgt Ion:188 Resp: 601851

Ion Ratio Lower Upper

188 100

94 7.0 10.0 15.0#

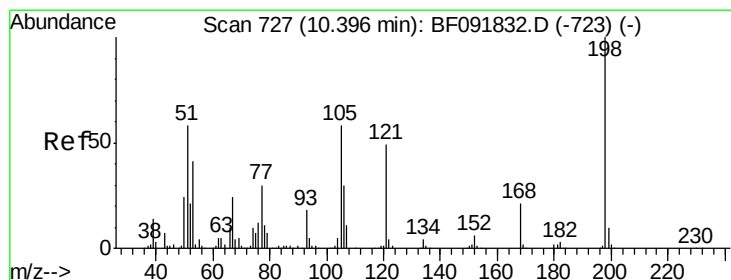
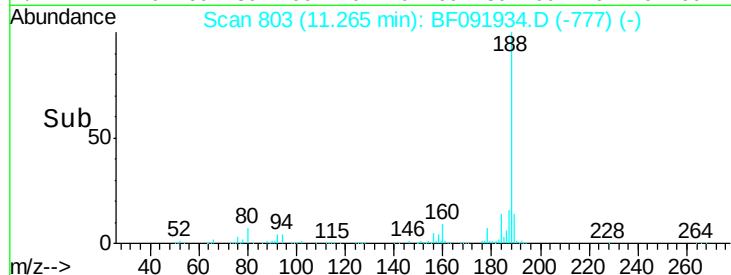
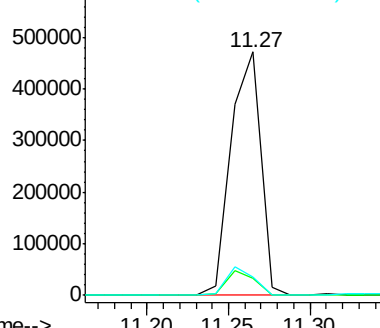
80 7.5 11.2 16.8#



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: 27.05 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF091934.D

Acq: 23 Dec 2016 20:00

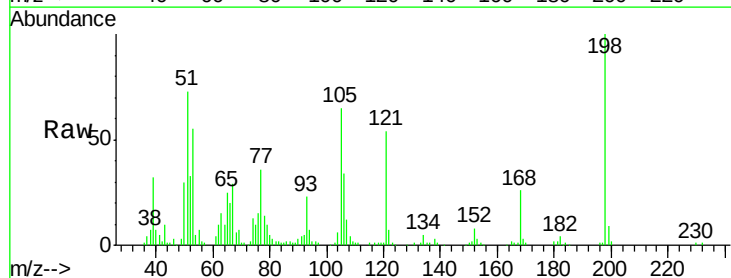
Tgt Ion:198 Resp: 98443

Ion Ratio Lower Upper

198 100

51 72.7 6.7 46.7#

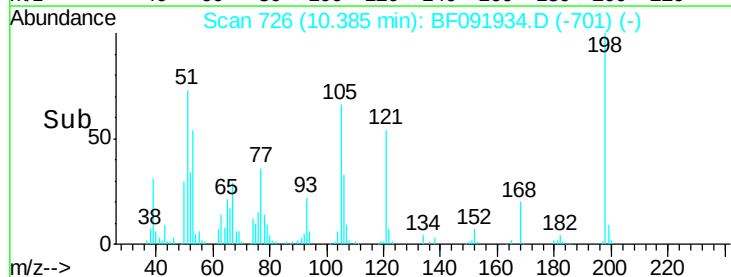
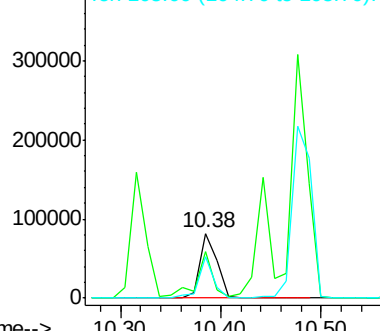
105 65.1 16.6 56.6#

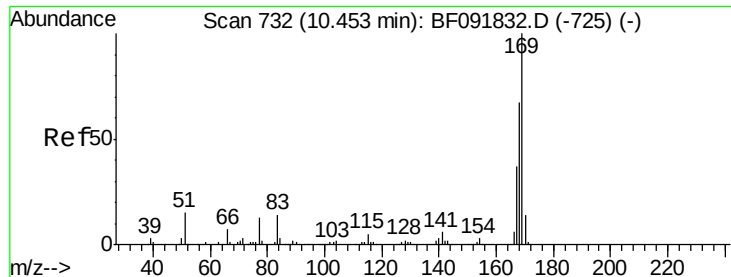


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

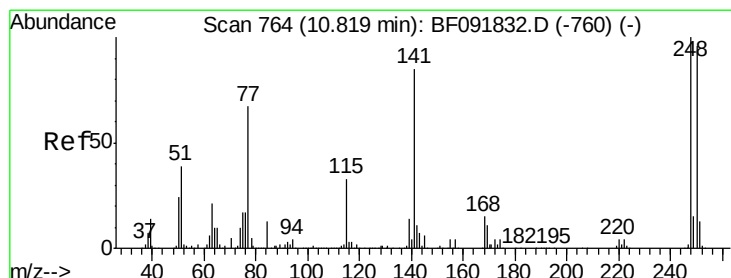
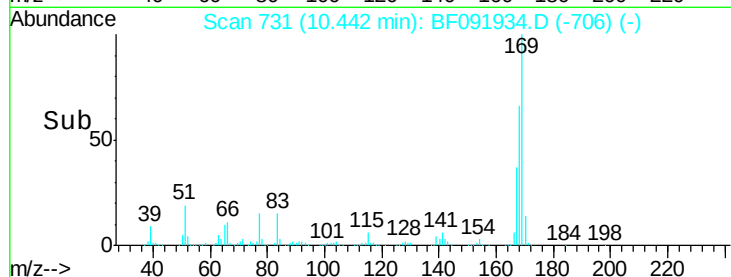
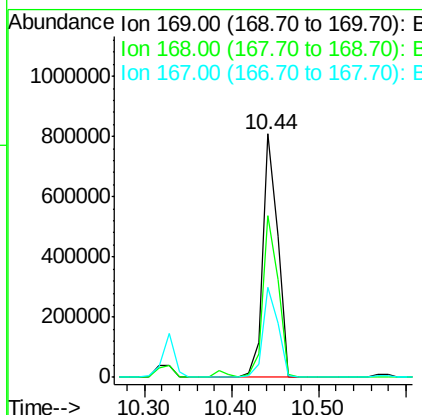
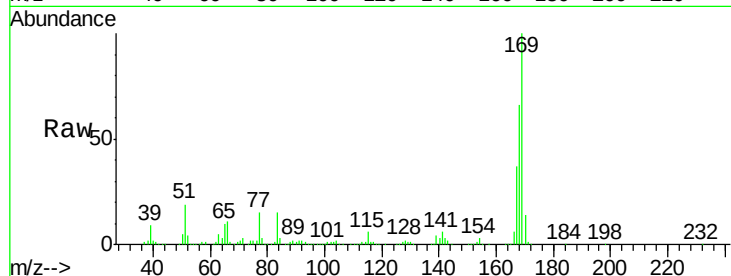




#65
 n-Nitrosodiphenylamine
 Concen: 54.65 ng
 RT: 10.44 min Scan# 731
 Delta R.T. -0.01 min
 Lab File: BF091934.D
 Acq: 23 Dec 2016 20:00

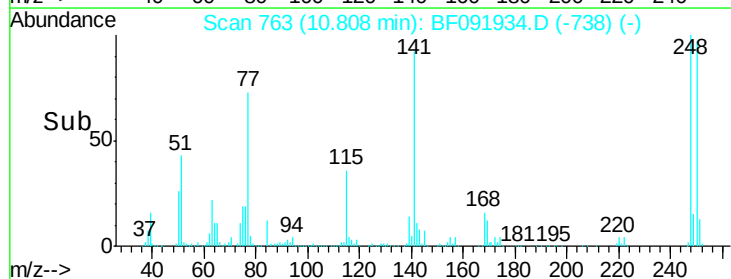
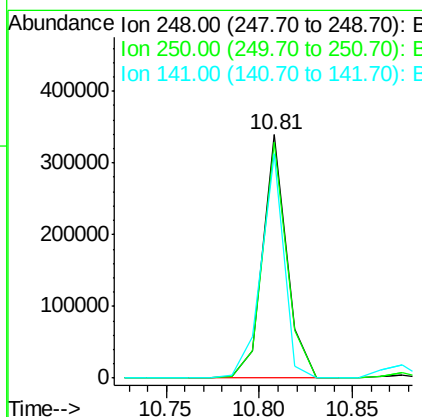
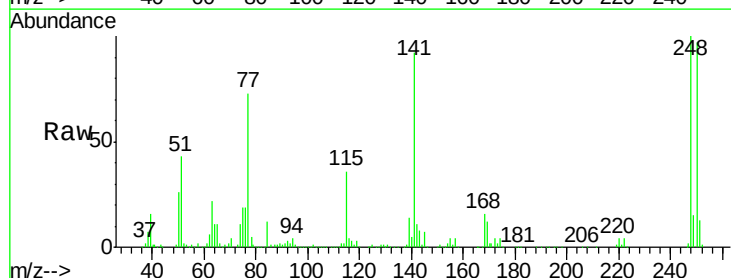
Instrument :
 BNA_F
 ClientSampleId :
 PIT-003-COMPMSD

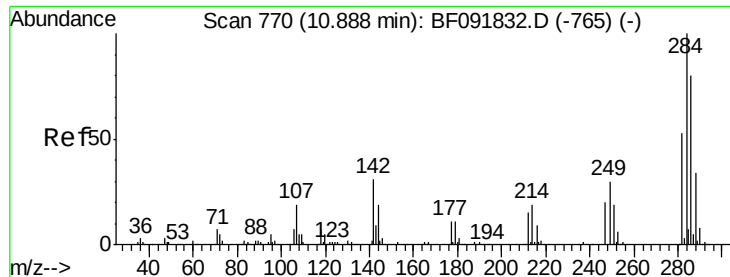
Tgt Ion:169 Resp: 975999
 Ion Ratio Lower Upper
 169 100
 168 66.4 54.2 81.2
 167 37.1 30.2 45.4



#66
 4-Bromophenyl-phenylether
 Concen: 49.22 ng
 RT: 10.81 min Scan# 763
 Delta R.T. -0.01 min
 Lab File: BF091934.D
 Acq: 23 Dec 2016 20:00

Tgt Ion:248 Resp: 308181
 Ion Ratio Lower Upper
 248 100
 250 97.1 76.9 115.3
 141 92.0 68.2 102.4





#67

Hexachlorobenzene

Concen: 50.16 ng

RT: 10.88 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF091934.D

Acq: 23 Dec 2016 20:00

Instrument :

BNA_F

ClientSampleId :

PIT-003-COMPMSD

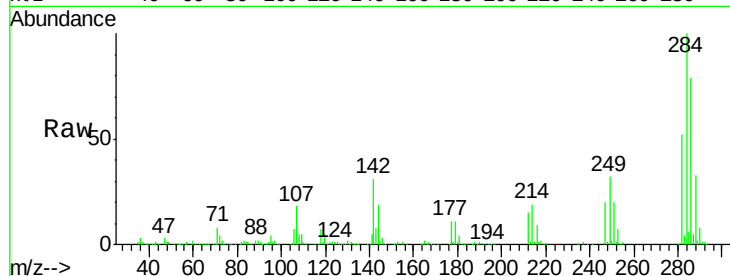
Tgt Ion:284 Resp: 335651

Ion Ratio Lower Upper

284 100

142 31.0 22.6 33.8

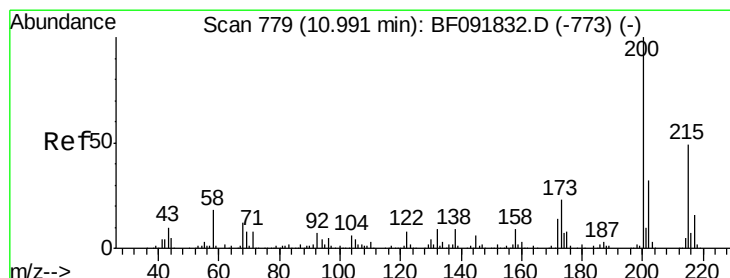
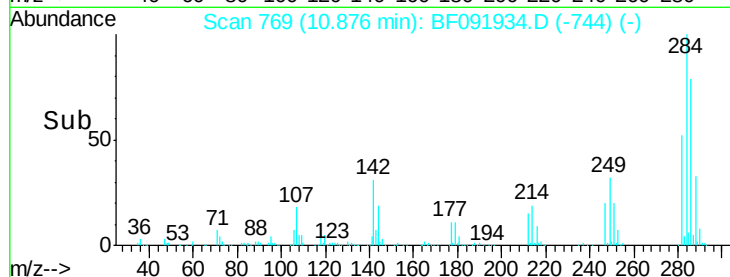
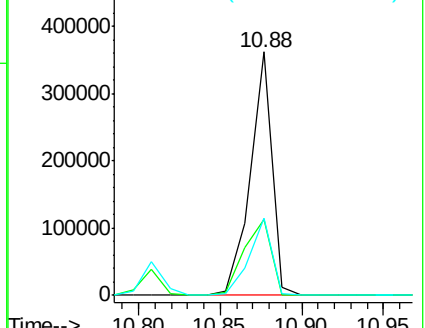
249 31.5 25.4 38.0



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: 54.47 ng

RT: 10.98 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF091934.D

Acq: 23 Dec 2016 20:00

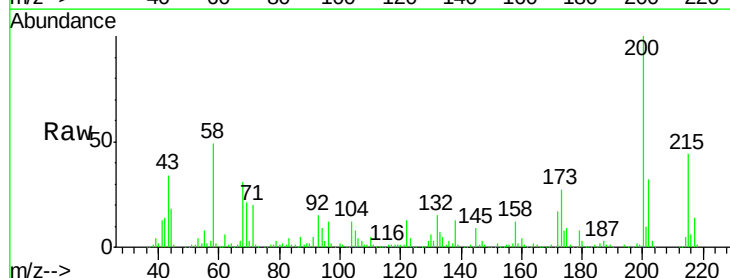
Tgt Ion:200 Resp: 313799

Ion Ratio Lower Upper

200 100

173 27.0 9.6 49.6

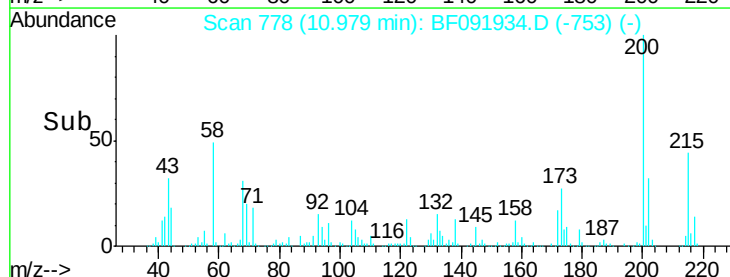
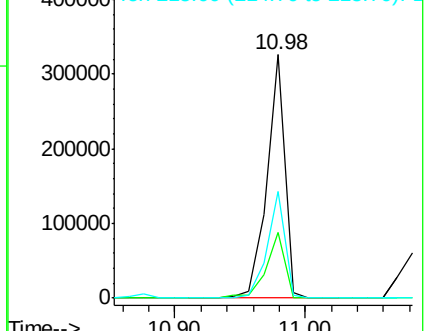
215 44.0 25.7 65.7

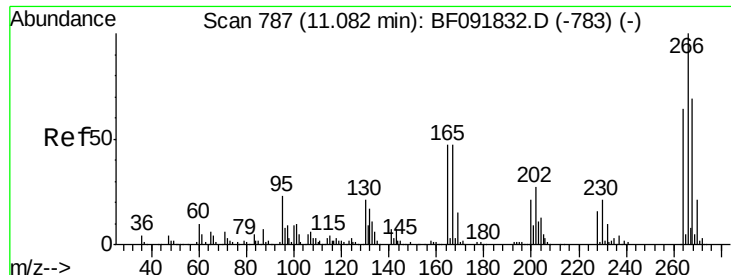


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

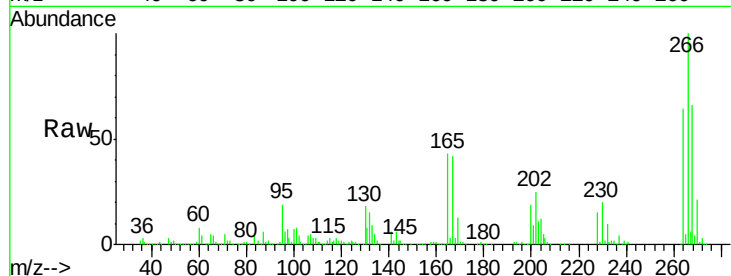




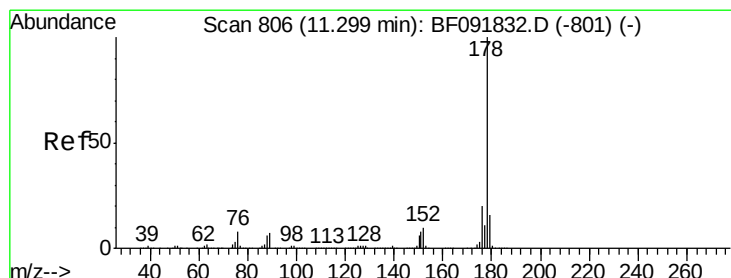
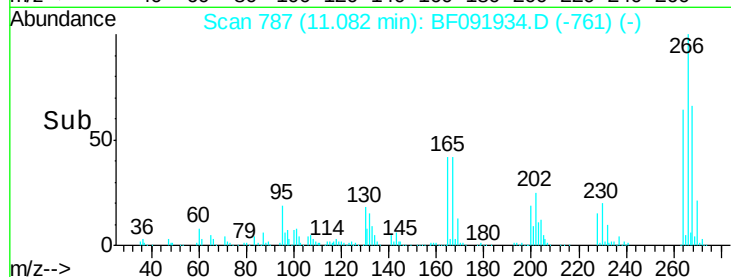
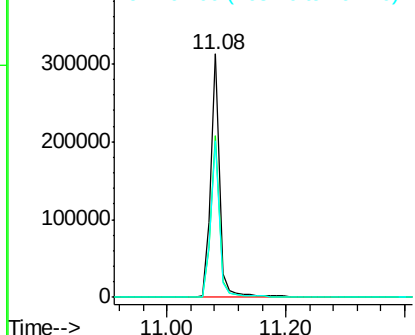
#69
 Pentachlorophenol
 Concen: 100.41 ng
 RT: 11.08 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BF091934.D
 Acq: 23 Dec 2016 20:00

Instrument :
 BNA_F
 ClientSampleId :
 PIT-003-COMPMSD

Tgt Ion:266 Resp: 329711
 Ion Ratio Lower Upper
 266 100
 268 66.4 53.3 79.9
 264 64.5 50.3 75.5

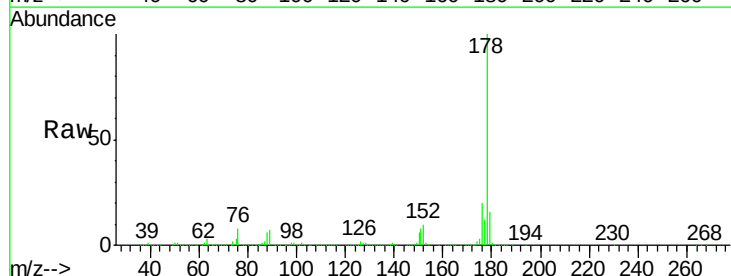


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

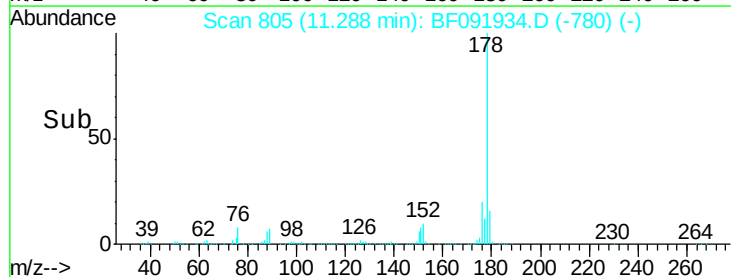
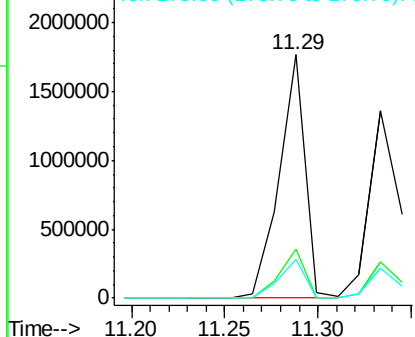


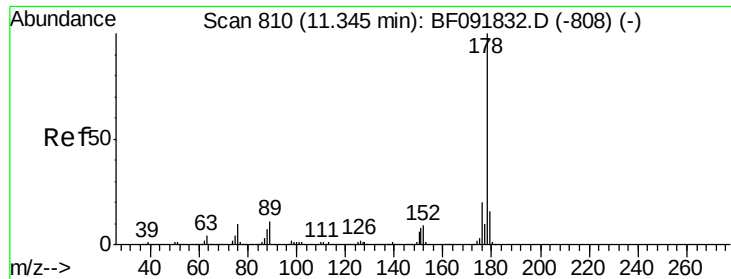
#70
 Phenanthrene
 Concen: 52.16 ng
 RT: 11.29 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF091934.D
 Acq: 23 Dec 2016 20:00

Tgt Ion:178 Resp: 1702261
 Ion Ratio Lower Upper
 178 100
 176 20.1 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

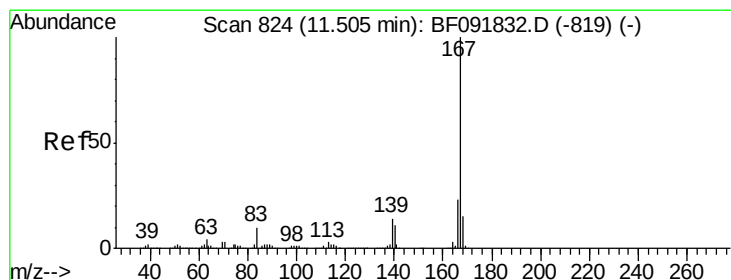
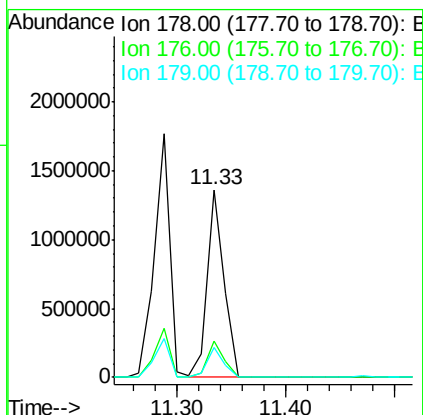
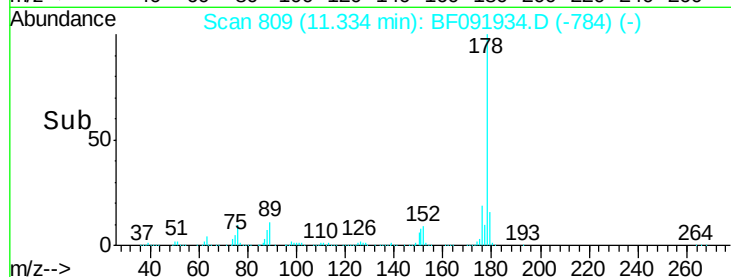
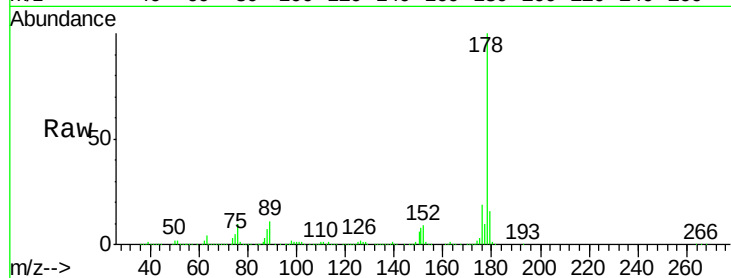




#71
 Anthracene
 Concen: 55.46 ng
 RT: 11.33 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF091934.D
 Acq: 23 Dec 2016 20:00

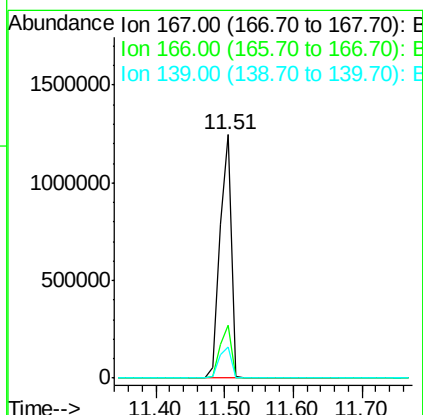
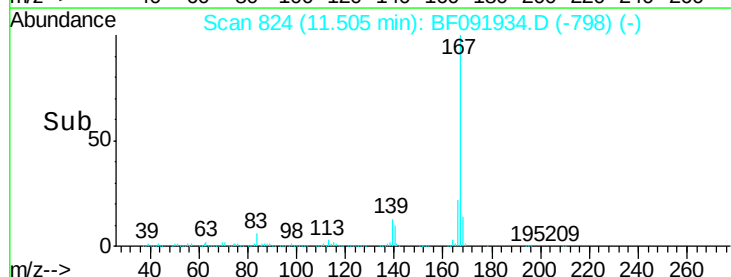
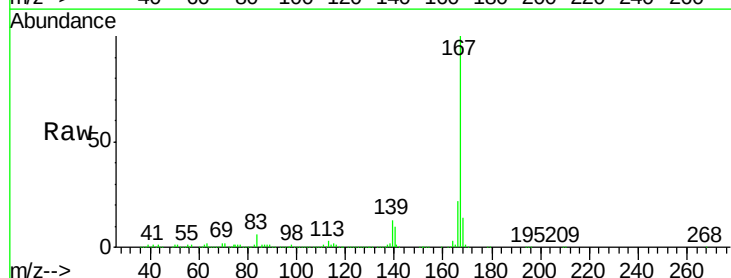
Instrument :
 BNA_F
 ClientSampleId :
 PIT-003-COMPMSD

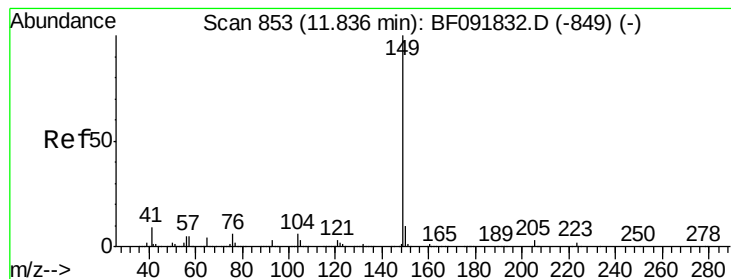
Tgt Ion:178 Resp: 1477826
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.9 23.9
 179 15.9 13.2 19.8



#72
 Carbazole
 Concen: Below Cal
 RT: 11.51 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BF091934.D
 Acq: 23 Dec 2016 20:00

Tgt Ion:167 Resp: 1452984
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.2 27.2
 139 12.7 11.4 17.2





#73

Di-n-butylphthalate

Concen: 55.10 ng

RT: 11.83 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF091934.D

Acq: 23 Dec 2016 20:00

Instrument :

BNA_F

ClientSampleId :

PIT-003-COMPMSD

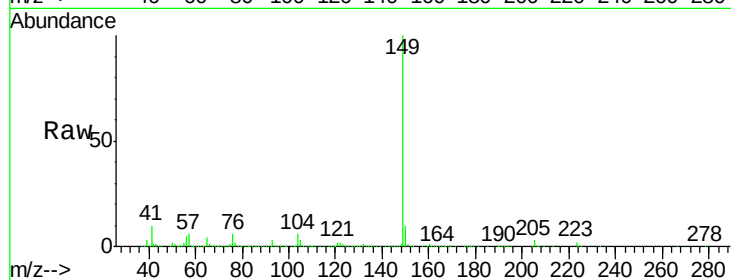
Tgt Ion:149 Resp: 1675495

Ion Ratio Lower Upper

149 100

150 9.9 8.1 12.1

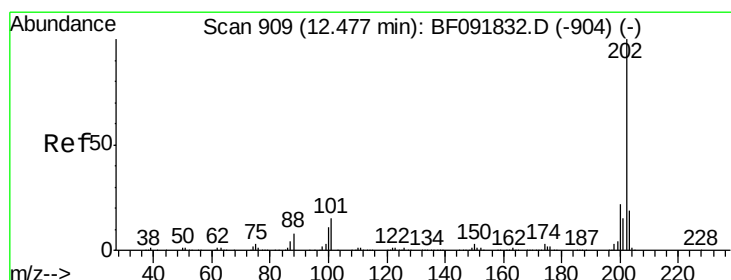
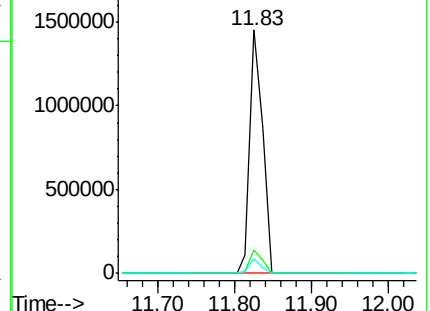
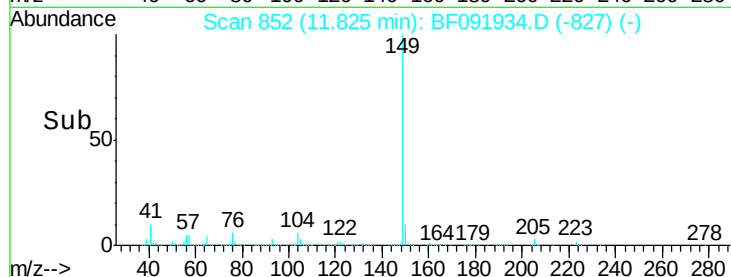
104 6.0 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 48.17 ng

RT: 12.47 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF091934.D

Acq: 23 Dec 2016 20:00

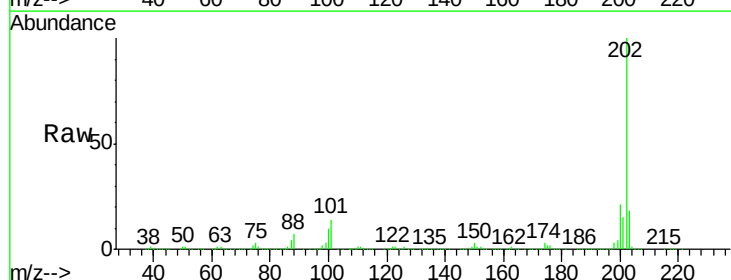
Tgt Ion:202 Resp: 1371567

Ion Ratio Lower Upper

202 100

101 13.6 0.0 34.6

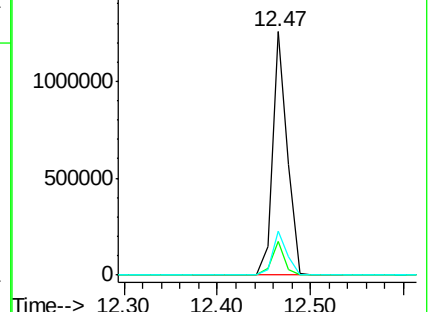
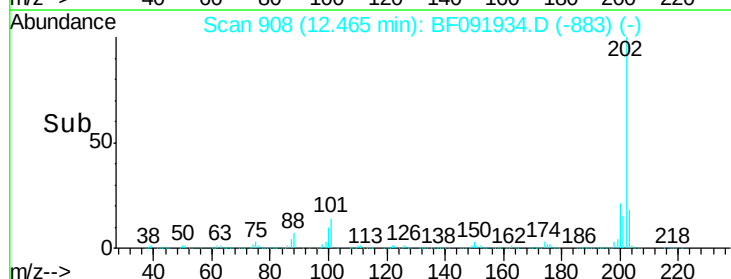
203 18.3 0.0 38.7

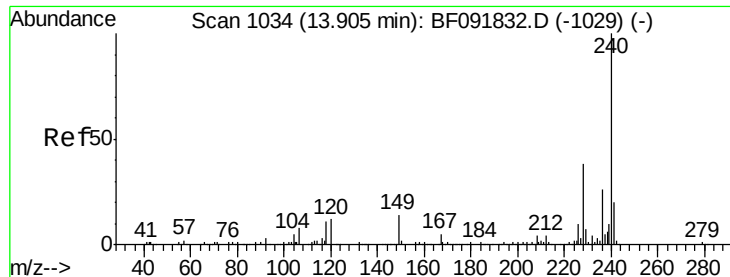


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.89 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF091934.D

Acq: 23 Dec 2016 20:00

Instrument :

BNA_F

ClientSampleId :

PIT-003-COMPMSD

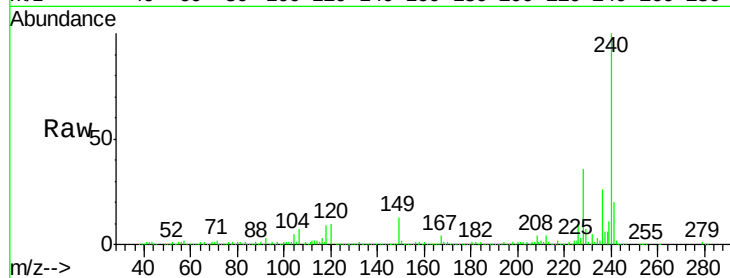
Tgt Ion:240 Resp: 396374

Ion Ratio Lower Upper

240 100

120 9.8 12.9 19.3#

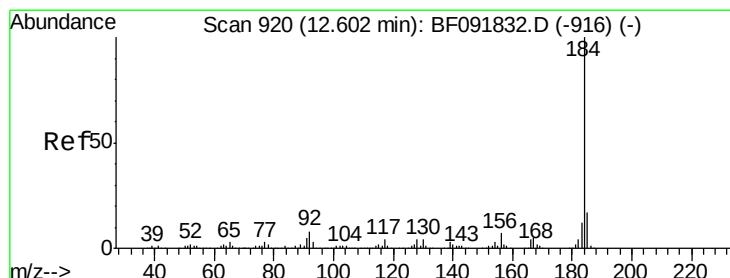
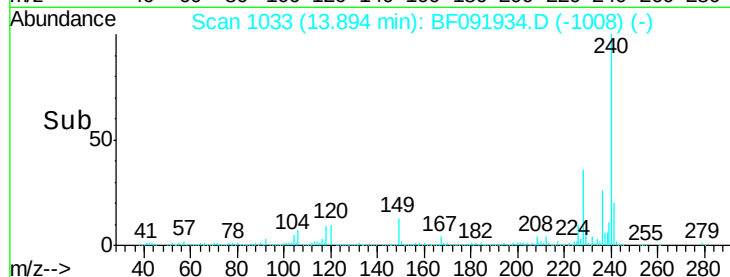
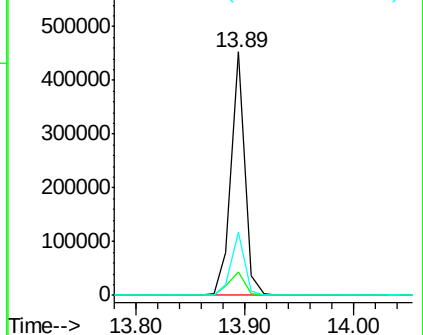
236 25.9 20.9 31.3



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: 81.82 ng

RT: 12.60 min Scan# 920

Delta R.T. 0.00 min

Lab File: BF091934.D

Acq: 23 Dec 2016 20:00

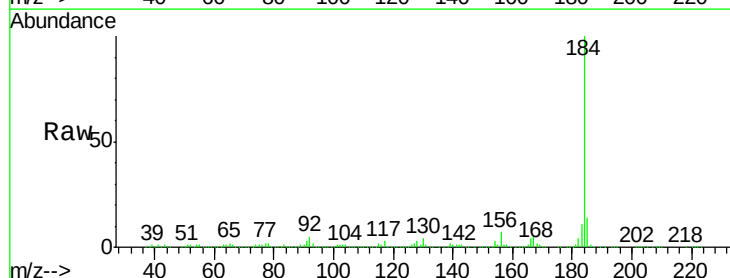
Tgt Ion:184 Resp: 688001

Ion Ratio Lower Upper

184 100

185 14.0 13.4 20.0

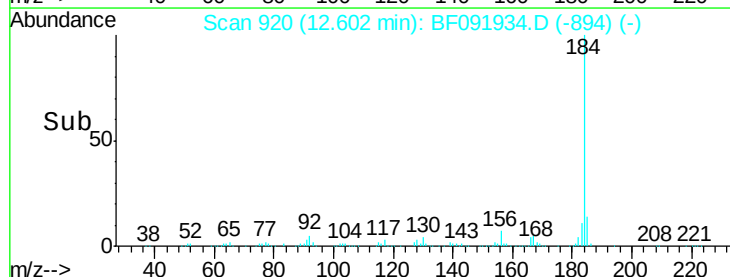
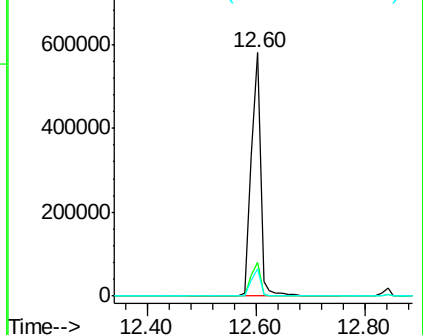
183 11.1 9.2 13.8

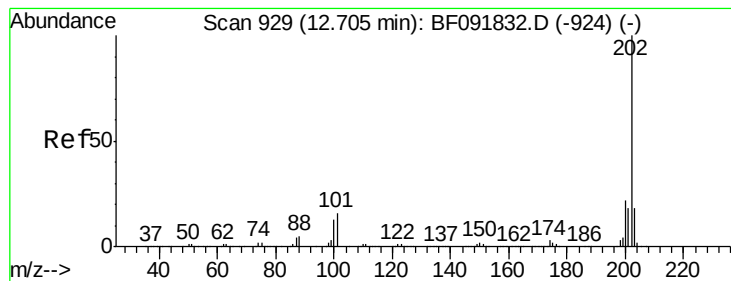


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 45.42 ng

RT: 12.69 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF091934.D

Acq: 23 Dec 2016 20:00

Instrument :

BNA_F

ClientSampleId :

PIT-003-COMPMSD

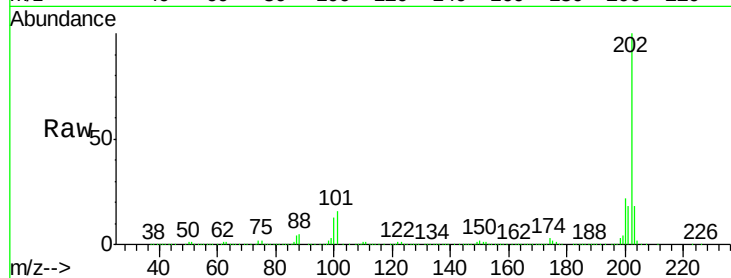
Tgt Ion:202 Resp: 1320934

Ion Ratio Lower Upper

202 100

200 21.7 17.7 26.5

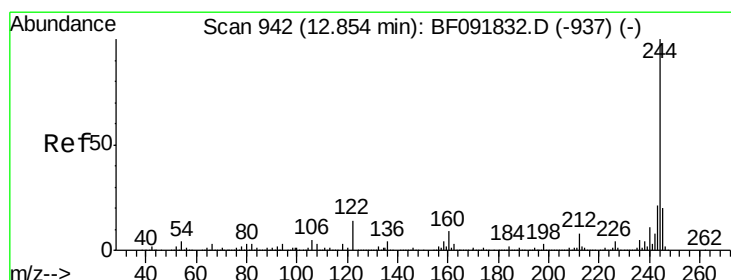
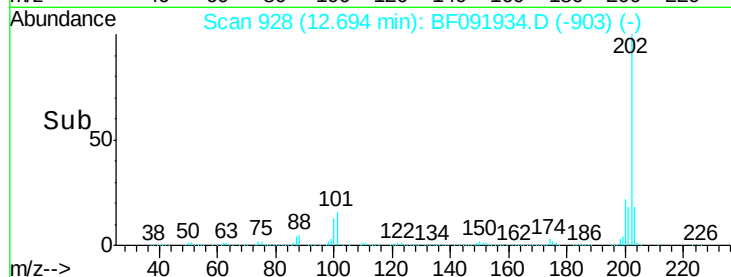
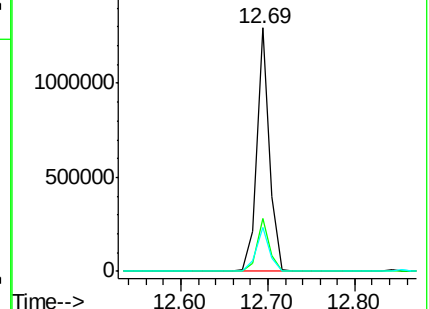
203 18.3 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 77.87 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF091934.D

Acq: 23 Dec 2016 20:00

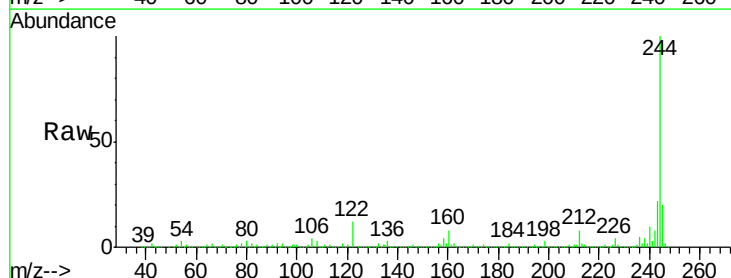
Tgt Ion:244 Resp: 1272716

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

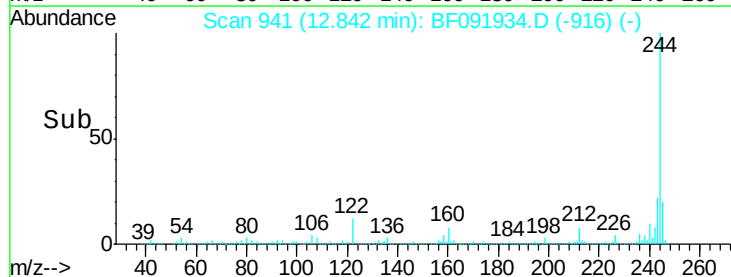
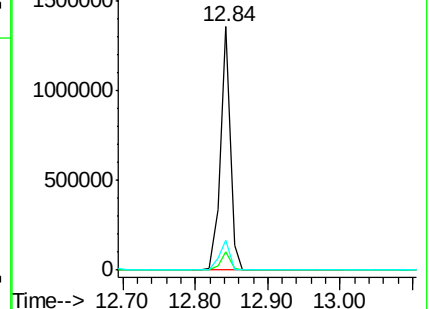
122 12.3 11.4 17.2

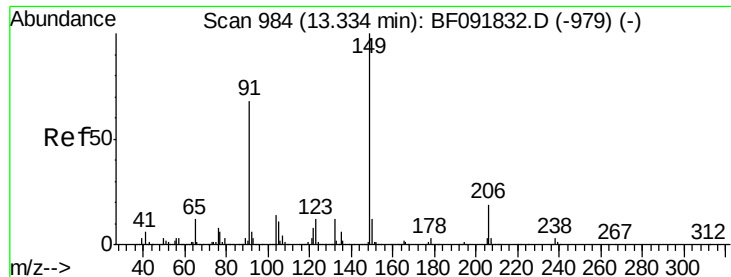


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

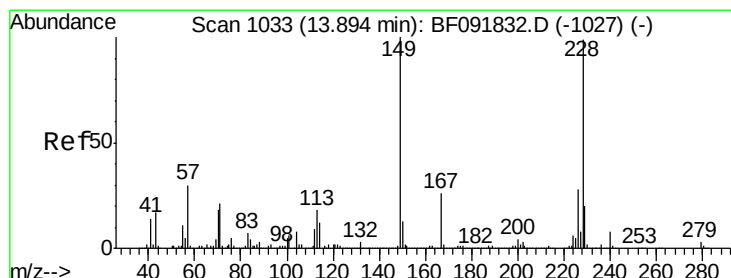
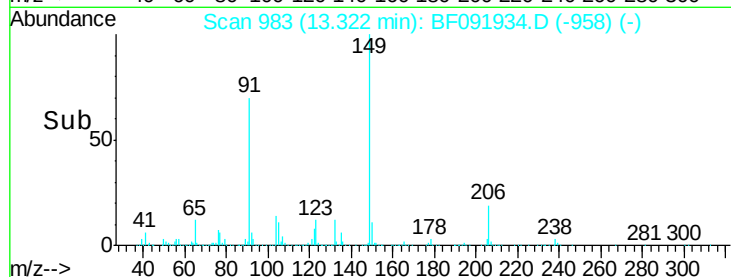
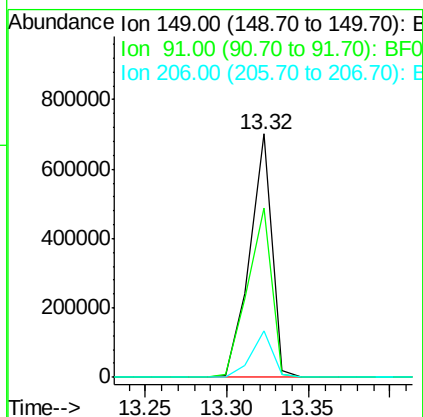
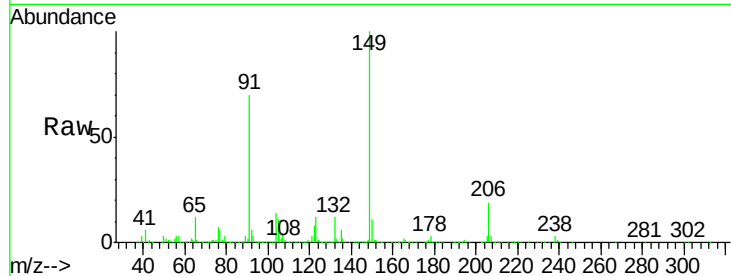




#79
Butylbenzylphthalate
Concen: 50.12 ng
RT: 13.32 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF091934.D
Acq: 23 Dec 2016 20:00

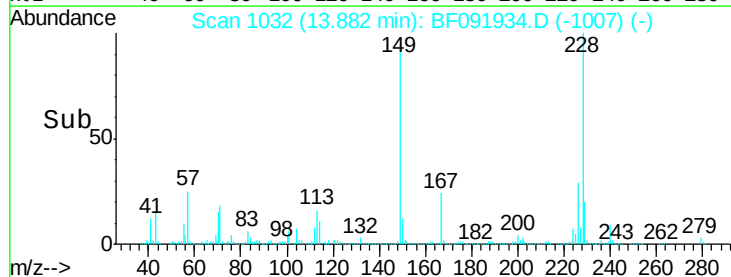
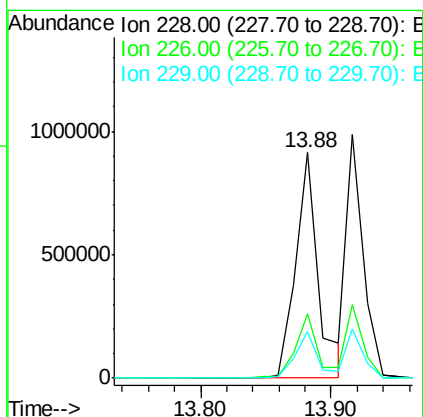
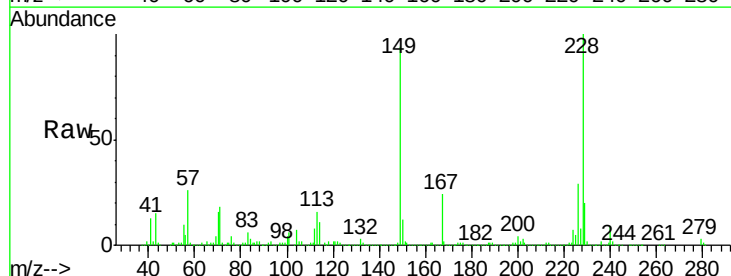
Instrument :
BNA_F
ClientSampleId :
PIT-003-COMPMSD

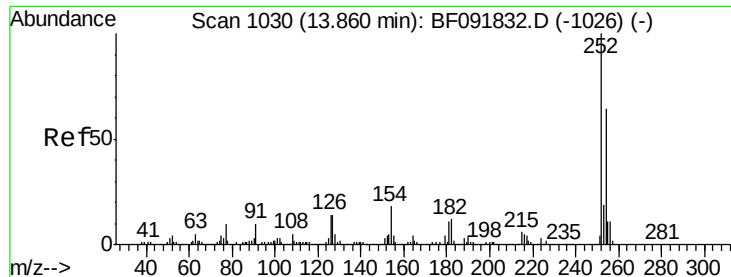
Tgt Ion:149 Resp: 662972
Ion Ratio Lower Upper
149 100
91 69.6 63.9 95.9
206 19.1 14.6 21.8



#80
Benzo(a)anthracene
Concen: 49.24 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF091934.D
Acq: 23 Dec 2016 20:00

Tgt Ion:228 Resp: 1101618
Ion Ratio Lower Upper
228 100
226 28.6 22.4 33.6
229 20.4 16.2 24.4

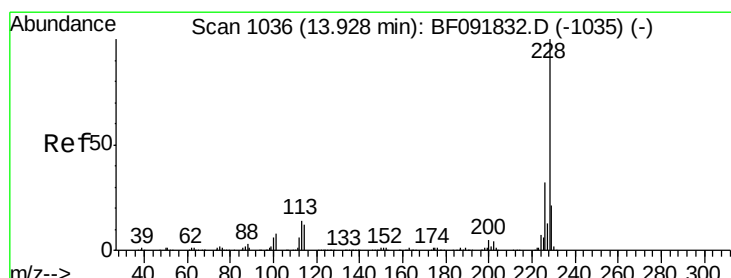
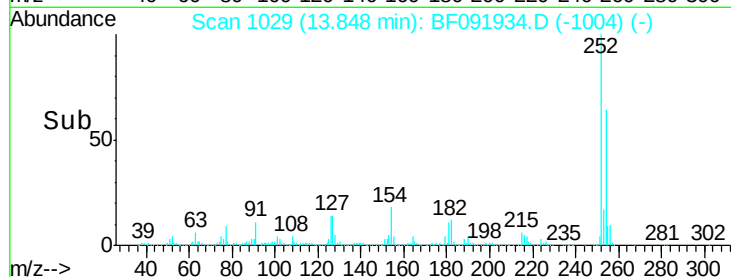
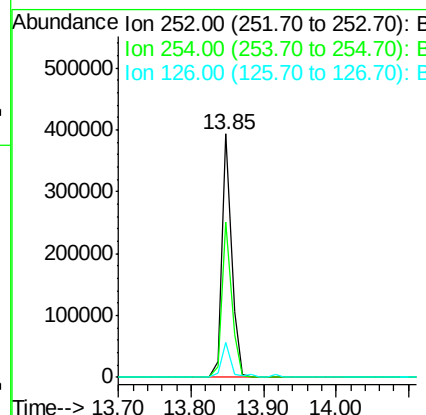
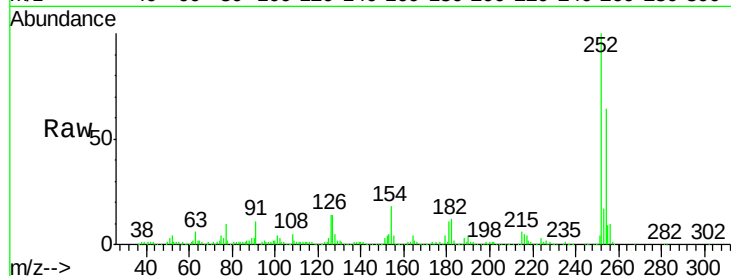




#81
 3,3'-Dichlorobenzidine
 Concen: 43.65 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF091934.D
 Acq: 23 Dec 2016 20:00

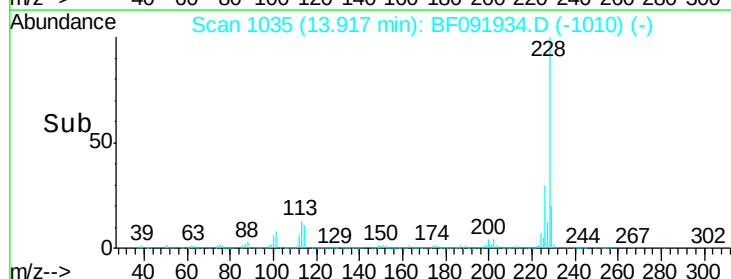
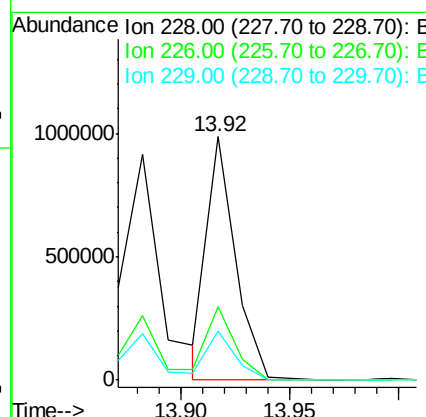
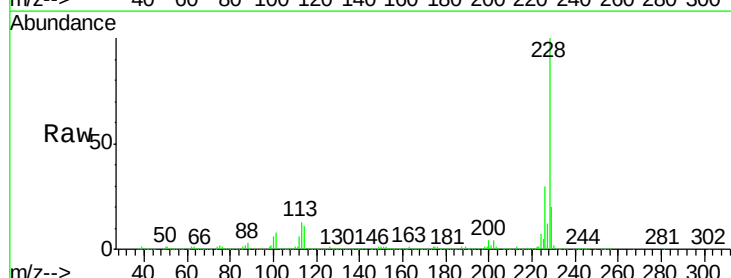
Instrument :
 BNA_F
 ClientSampleId :
 PIT-003-COMPMSD

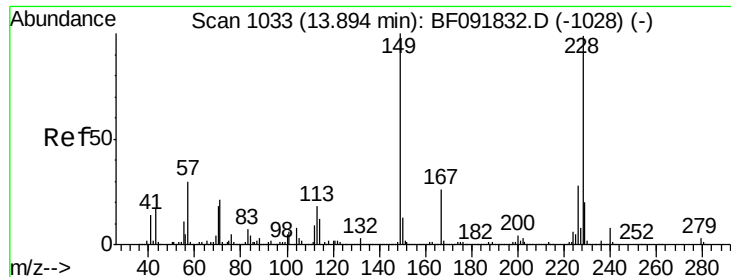
Tgt Ion:252 Resp: 370317
 Ion Ratio Lower Upper
 252 100
 254 63.6 52.3 78.5
 126 14.3 13.6 20.4



#82
 Chrysene
 Concen: 39.73 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BF091934.D
 Acq: 23 Dec 2016 20:00

Tgt Ion:228 Resp: 891563
 Ion Ratio Lower Upper
 228 100
 226 30.4 25.4 38.0
 229 20.3 16.2 24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 50.82 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF091934.D

Acq: 23 Dec 2016 20:00

Instrument :

BNA_F

ClientSampleId :

PIT-003-COMPMSD

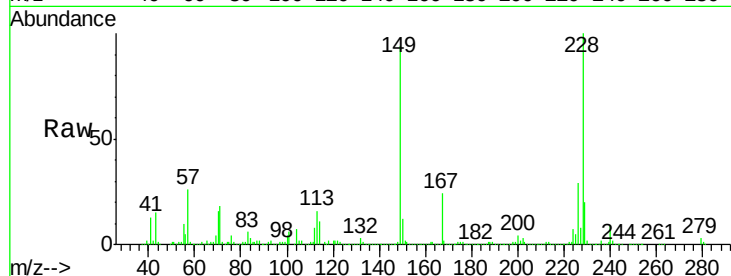
Tgt Ion:149 Resp: 791633

Ion Ratio Lower Upper

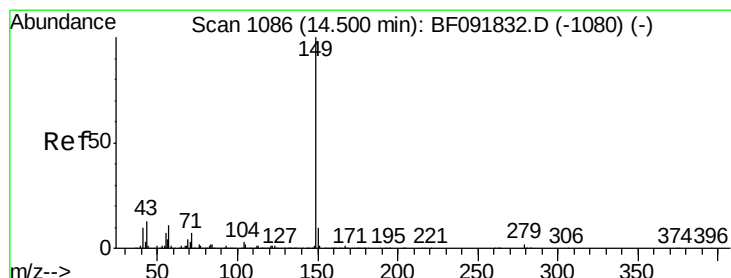
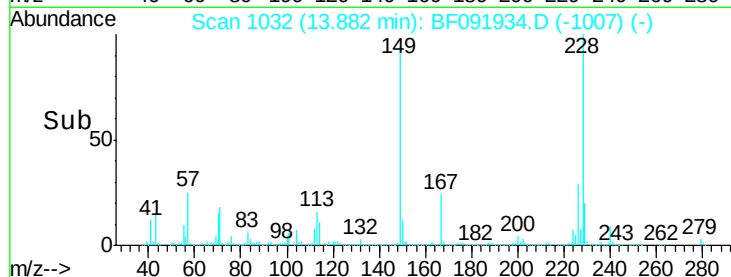
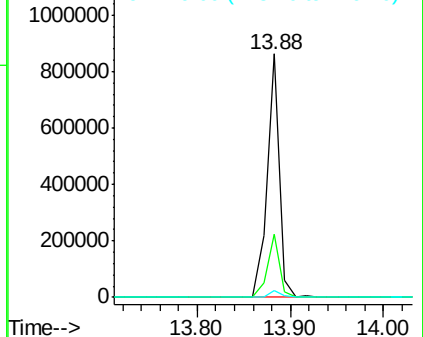
149 100

167 25.7 20.2 30.4

279 3.0 1.8 2.8#



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



#84

Di-n-octyl phthalate

Concen: 48.30 ng

RT: 14.49 min Scan# 1085

Delta R.T. -0.01 min

Lab File: BF091934.D

Acq: 23 Dec 2016 20:00

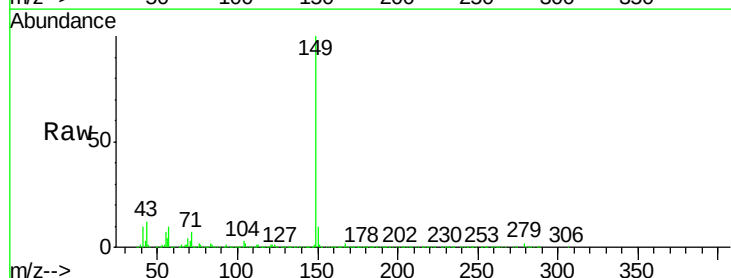
Tgt Ion:149 Resp: 1393584

Ion Ratio Lower Upper

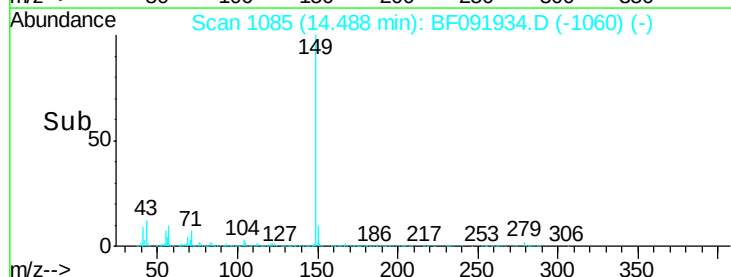
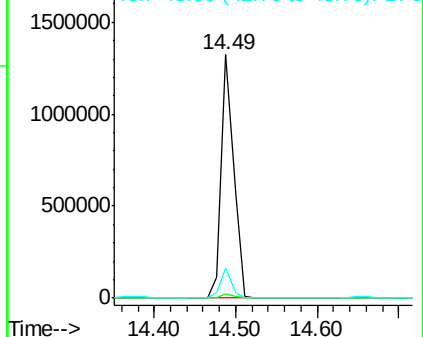
149 100

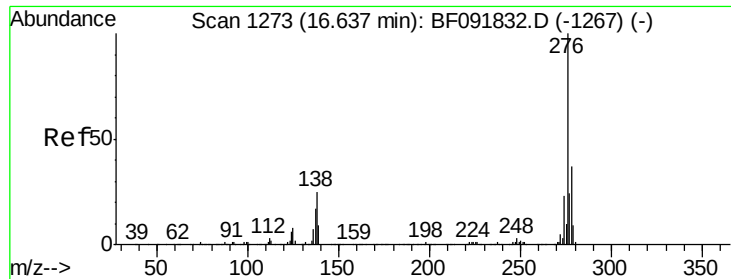
167 1.6 1.3 1.9

43 10.6 8.9 13.3



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

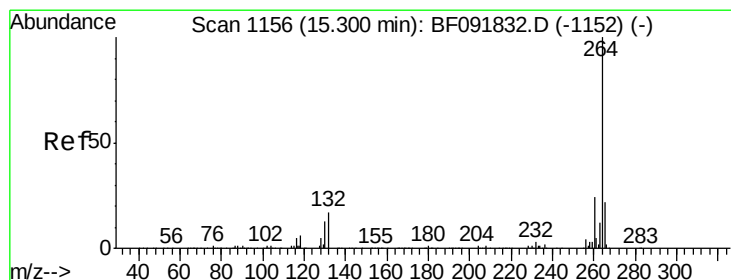
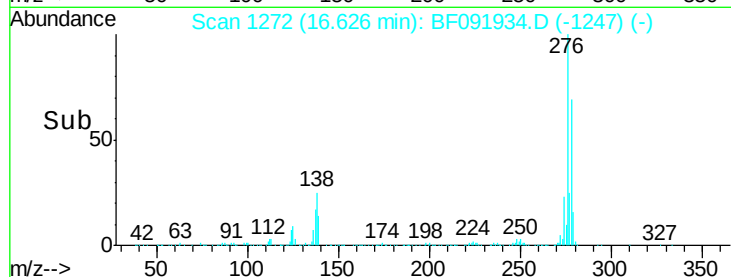
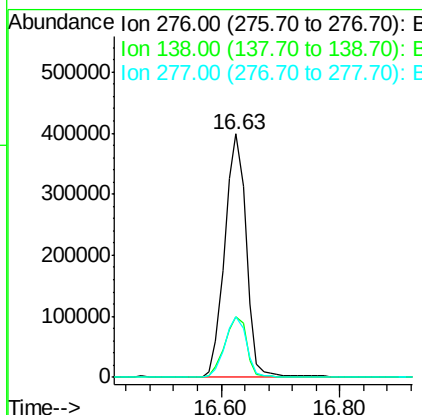
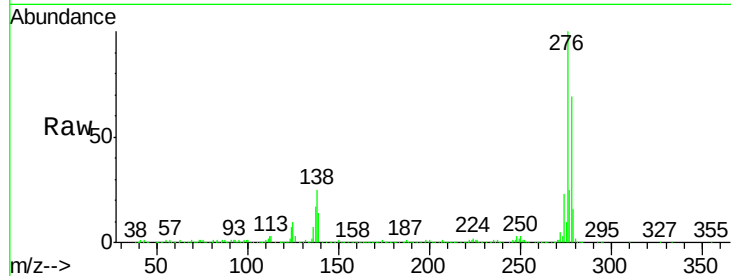




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 51.47 ng
 RT: 16.63 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BF091934.D
 Acq: 23 Dec 2016 20:00

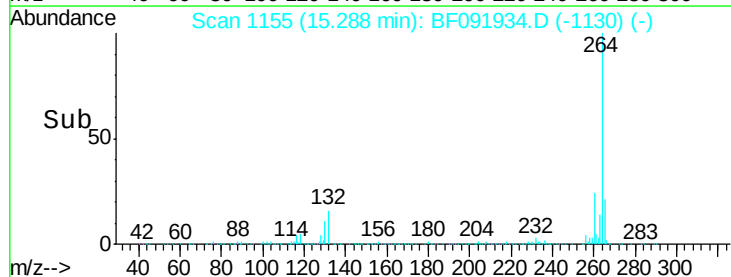
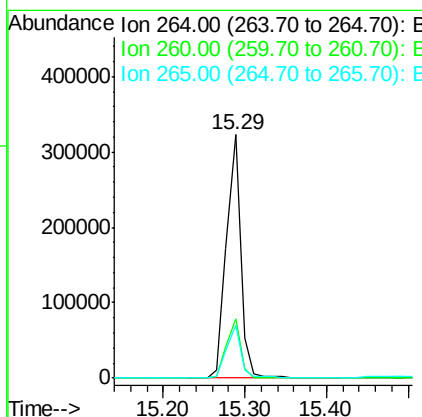
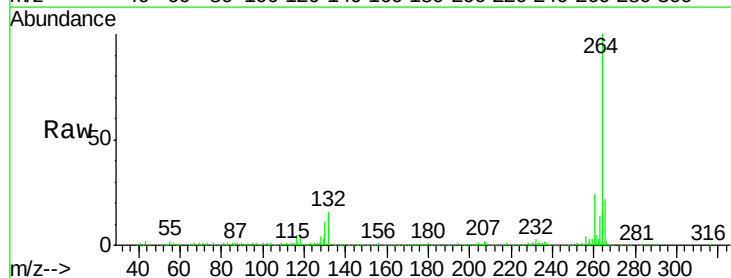
Instrument :
 BNA_F
 ClientSampleId :
 PIT-003-COMPMSD

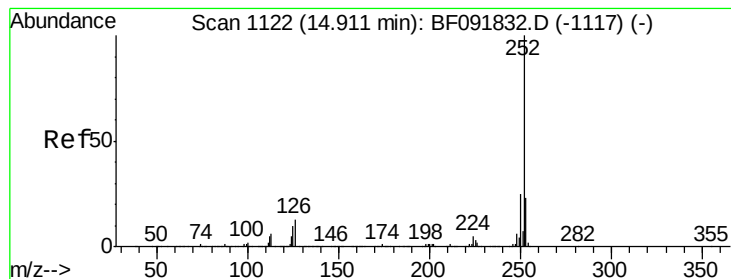
Tgt Ion: 276 Resp: 1000649
 Ion Ratio Lower Upper
 276 100
 138 25.7 21.8 32.6
 277 25.1 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF091934.D
 Acq: 23 Dec 2016 20:00

Tgt Ion: 264 Resp: 393846
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.6 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 86.90 ng

RT: 14.92 min Scan# 1123

Delta R.T. 0.01 min

Lab File: BF091934.D

Acq: 23 Dec 2016 20:00

Instrument :

BNA_F

ClientSampleId :

PIT-003-COMPMSD

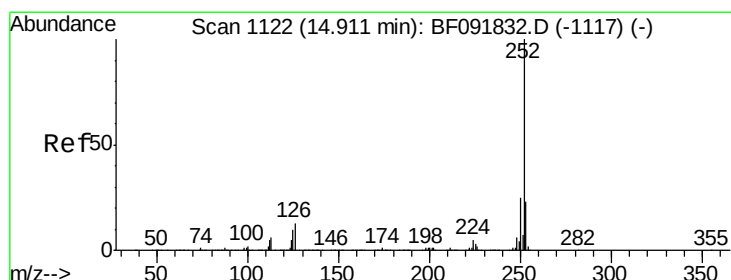
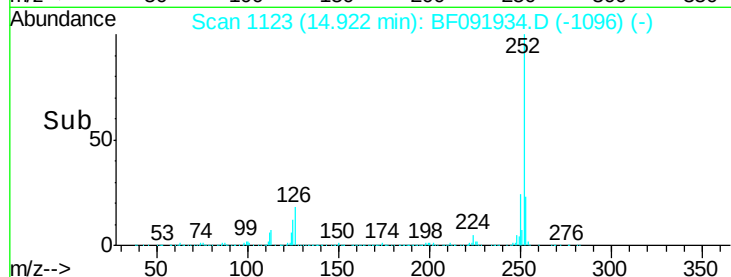
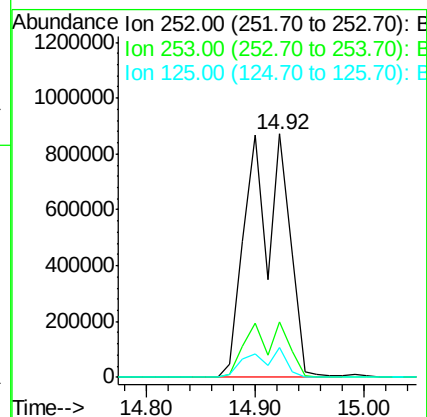
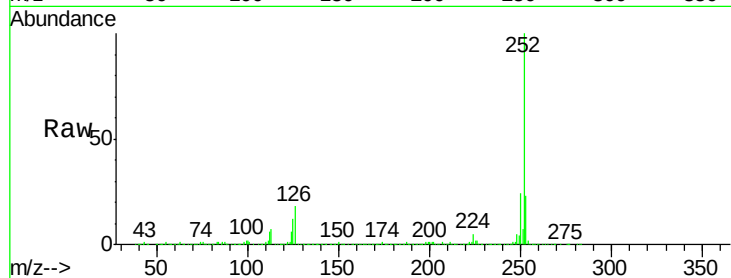
Tgt Ion:252 Resp: 2130764

Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.4

125 12.0 9.8 14.6



#88

Benzo(k)fluoranthene

Concen: 101.90 ng

RT: 14.92 min Scan# 1123

Delta R.T. -0.01 min

Lab File: BF091934.D

Acq: 23 Dec 2016 20:00

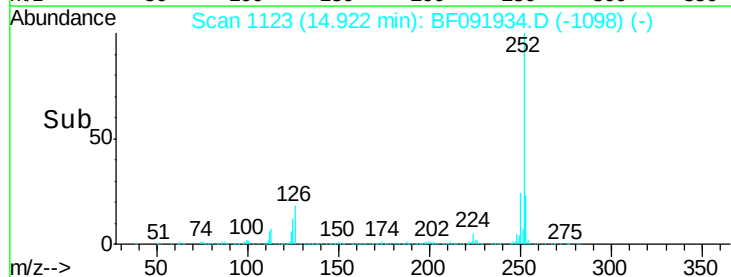
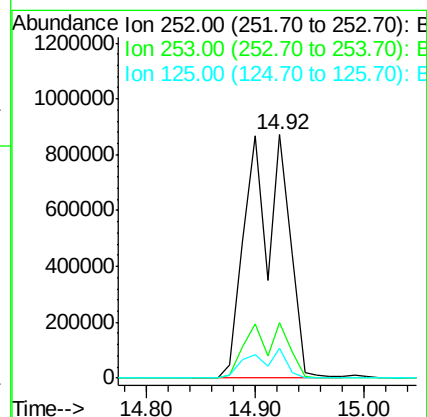
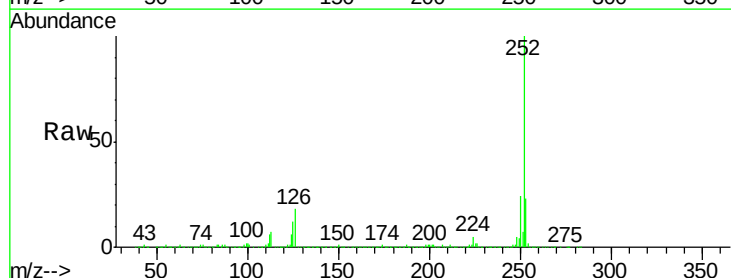
Tgt Ion:252 Resp: 2130764

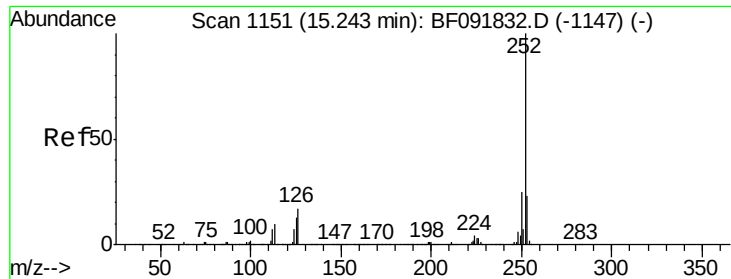
Ion Ratio Lower Upper

252 100

253 22.7 18.5 27.7

125 12.0 8.9 13.3





#89

Benzo(a)pyrene

Concen: 46.82 ng

RT: 15.23 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF091934.D

Acq: 23 Dec 2016 20:00

Instrument :

BNA_F

ClientSampleId :

PIT-003-COMPMSD

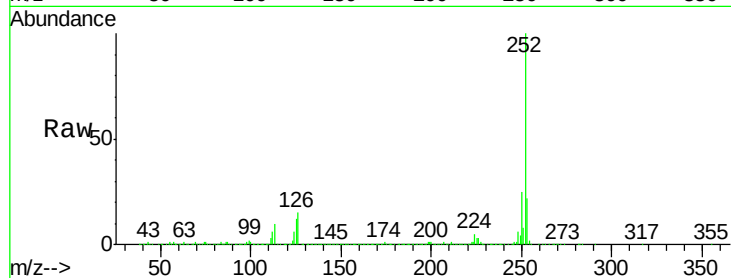
Tgt Ion:252 Resp: 1019047

Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.2

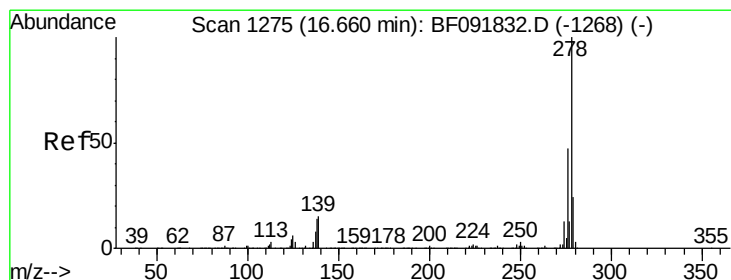
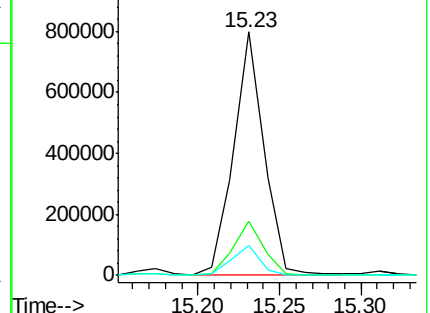
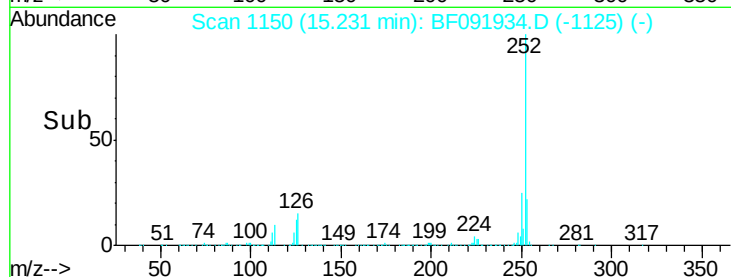
125 12.1 10.0 15.0



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: 46.06 ng

RT: 16.64 min Scan# 1273

Delta R.T. -0.02 min

Lab File: BF091934.D

Acq: 23 Dec 2016 20:00

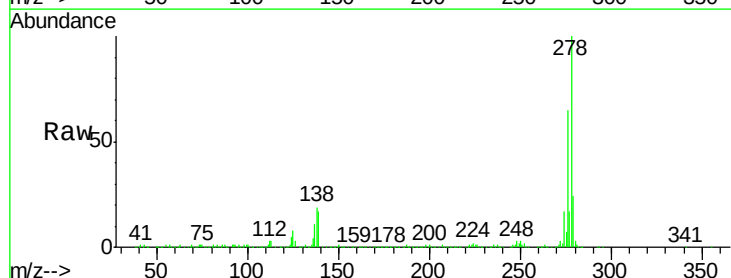
Tgt Ion:278 Resp: 823975

Ion Ratio Lower Upper

278 100

139 16.9 14.8 22.2

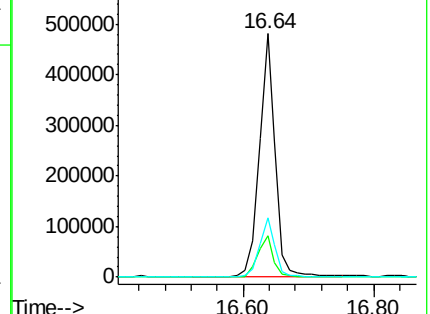
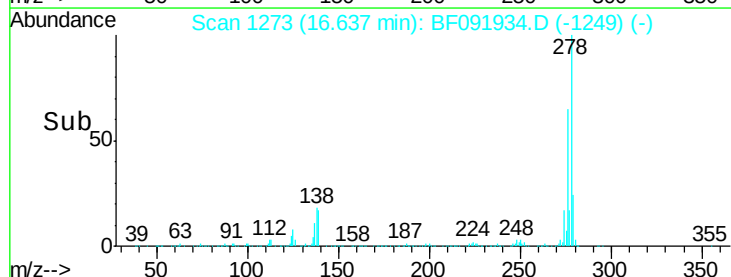
279 24.5 19.8 29.6

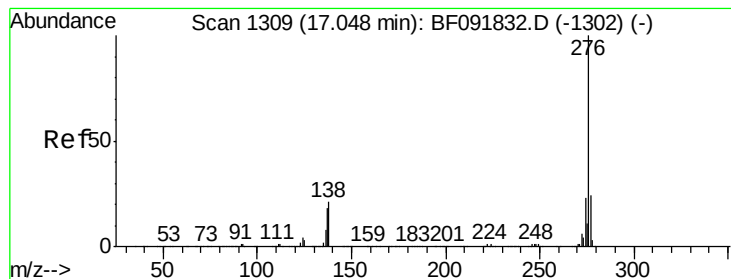


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 43.76 ng

RT: 17.03 min Scan# 1307

Delta R.T. -0.02 min

Lab File: BF091934.D

Acq: 23 Dec 2016 20:00

Instrument :

BNA_F

ClientSampleId :

PIT-003-COMPMSD

Tgt Ion: 276 Resp: 813937

Ion Ratio Lower Upper

276 100

277 23.8 19.2 28.8

138 21.3 16.0 24.0

