

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF123115\
 Data File : BF084226.D
 Acq On : 1 Jan 2016 5:43
 Operator : UM/SJ
 Sample : G4981-03MSD
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0529MSD

Quant Time: Jan 01 23:59:01 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 31 14:15:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	273164	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	1058043	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	458344	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	676114	20.00	ng	0.01
75) Chrysene-d12	14.08	240	474101	20.00	ng	0.01
86) Perylene-d12	15.52	264	524177	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	891494	52.79	ng	0.01
7) Phenol-d6	6.53	99	782317	36.88	ng	0.00
23) Nitrobenzene-d5	7.47	82	1496867	78.74	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	427115	92.30	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	2434810	94.13	ng	0.01
78) Terphenyl-d14	13.03	244	1535743	72.31	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	108310	13.54	ng	# 71
3) Pyridine	3.33	79	277642	12.45	ng	# 70
4) n-Nitrosodimethylamine	3.24	42	187028	16.34	ng	# 83
6) Aniline	6.58	93	494463	15.94	ng	# 81
8) 2-Chlorophenol	6.69	128	612750	31.98	ng	99
9) Benzaldehyde	6.45	77	167456	12.12	ng	# 51
10) Phenol	6.56	94	338939	14.05	ng	92
11) bis(2-Chloroethyl)ether	6.64	93	672917	36.02	ng	# 82
12) 1,3-Dichlorobenzene	7.08	146	634812	32.12	ng	97
13) 1,4-Dichlorobenzene	6.92	146	695796	35.10	ng	96
14) 1,2-Dichlorobenzene	7.08	146	634865	33.45	ng	95
15) Benzyl Alcohol	7.05	79	430894	24.15	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.18	45	1268237	37.28	ng	85
17) 2-Methylphenol	7.17	107	411178	25.60	ng	93
18) Hexachloroethane	7.42	117	322408	40.68	ng	# 84
19) n-Nitroso-di-n-propylamine	7.32	70	525852	36.62	ng	# 66
20) 3+4-Methylphenols	7.32	107	441849	23.41	ng	95
22) Acetophenone	7.32	105	1089469	42.82	ng	# 96
24) Nitrobenzene	7.49	77	869423	45.09	ng	96
25) Isophorone	7.73	82	1369139	37.66	ng	98
26) 2-Nitrophenol	7.80	139	332419	37.88	ng	# 62
27) 2,4-Dimethylphenol	7.85	122	564798	31.80	ng	97
28) bis(2-Chloroethoxy)methane	7.94	93	877836	39.53	ng	92
29) 2,4-Dichlorophenol	8.05	162	522777	35.33	ng	98
30) 1,2,4-Trichlorobenzene	8.13	180	603428	39.50	ng	96
31) Naphthalene	8.21	128	1922392	40.05	ng	98
32) Benzoic acid	7.96	122	151628	17.79	ng	# 76
33) 4-Chloroaniline	8.27	127	102025	4.64	ng	# 94
34) Hexachlorobutadiene	8.34	225	339101	38.62	ng	98
36) 4-Chloro-3-methylphenol	8.75	107	518616	31.29	ng	90
37) 2-Methylnaphthalene	8.91	142	1390977	40.37	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	514471	39.04	ng	# 96
40) Hexachlorocyclopentadiene	9.06	237	564312	70.94	ng	97
42) 2,4,6-Trichlorophenol	9.18	196	332775	33.76	ng	97

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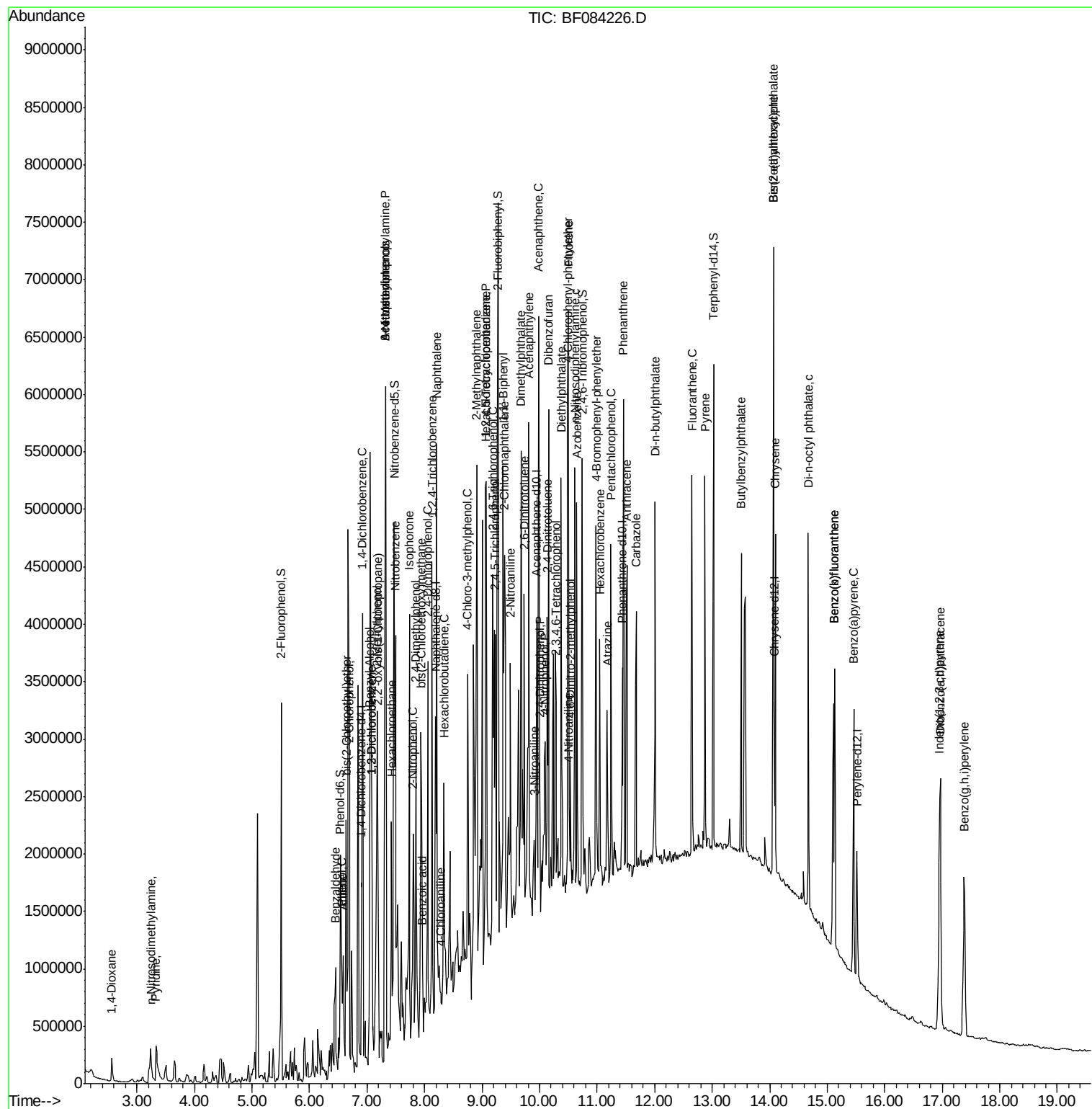
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.23	196	333671	35.31	ng	# 81
45) 1,1'-Biphenyl	9.37	154	1459636	40.07	ng	97
46) 2-Chloronaphthalene	9.39	162	1149981	40.19	ng	98
47) 2-Nitroaniline	9.49	65	375563	39.77	ng	96
48) Acenaphthylene	9.81	152	1758657	41.60	ng	97
49) Dimethylphthalate	9.68	163	1375499	41.98	ng	# 89
50) 2,6-Dinitrotoluene	9.73	165	272455	37.91	ng	# 48
51) Acenaphthene	9.98	154	1293716	45.62	ng	98
52) 3-Nitroaniline	9.90	138	79963	8.98	ng	# 75
53) 2,4-Dinitrophenol	10.01	184	215674	70.87	ng	93
54) Dibenzofuran	10.16	168	1536387	41.61	ng	91
55) 4-Nitrophenol	10.09	139	152444	23.58	ng	# 66
56) 2,4-Dinitrotoluene	10.13	165	376463	41.39	ng	# 89
57) Fluorene	10.50	166	1186134	41.59	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.28	232	277531	34.40	ng	# 92
59) Diethylphthalate	10.37	149	1218483	37.72	ng	99
60) 4-Chlorophenyl-phenylether	10.49	204	516617	42.71	ng	88
61) 4-Nitroaniline	10.51	138	135595	17.08	ng	90
62) Azobenzene	10.65	77	1334299	37.66	ng	86
64) 4,6-Dinitro-2-methylphenol	10.53	198	131396	32.14	ng	# 16
65) n-Nitrosodiphenylamine	10.61	169	1042406	48.22	ng	99
66) 4-Bromophenyl-phenylether	10.98	248	322929	44.38	ng	# 74
67) Hexachlorobenzene	11.05	284	388485	47.43	ng	93
68) Atrazine	11.17	200	202511	28.63	ng	97
69) Pentachlorophenol	11.24	266	314229	73.99	ng	97
70) Phenanthrene	11.46	178	1473618	41.67	ng	96
71) Anthracene	11.52	178	1586687	45.77	ng	99
72) Carbazole	11.68	167	1235819	36.46	ng	99
73) Di-n-butylphthalate	12.01	149	1718756	48.72	ng	# 97
74) Fluoranthene	12.65	202	1302092	35.24	ng	97
77) Pyrene	12.88	202	1332993	35.83	ng	99
79) Butylbenzylphthalate	13.51	149	642052	39.88	ng	# 97
80) Benzo(a)anthracene	14.07	228	1087860	39.08	ng	98
82) Chrysene	14.10	228	1058374	39.56	ng	99
83) Bis(2-ethylhexyl)phthalate	14.07	149	819301	40.28	ng	# 94
84) Di-n-octyl phthalate	14.67	149	1444166	42.06	ng	# 85
85) Indeno(1,2,3-cd)pyrene	16.96	276	1510314	71.23	ng	99
87) Benzo(b)fluoranthene	15.13	252	2368266	69.07	ng	# 96
88) Benzo(k)fluoranthene	15.13	252	2368266	84.45	ng	99
89) Benzo(a)pyrene	15.46	252	1186341	40.79	ng	# 97
90) Dibenzo(a,h)anthracene	16.97	278	1250930	49.98	ng	98
91) Benzo(g,h,i)perylene	17.38	276	1309822	50.54	ng	98

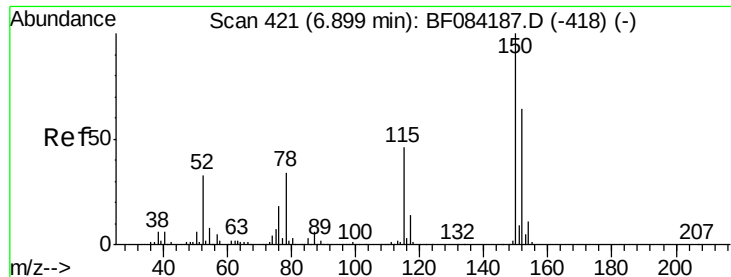
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF084226.D

Acq: 1 Jan 2016 5:43

Instrument :

BNA_F

ClientSampleId :

S8-0529MSD

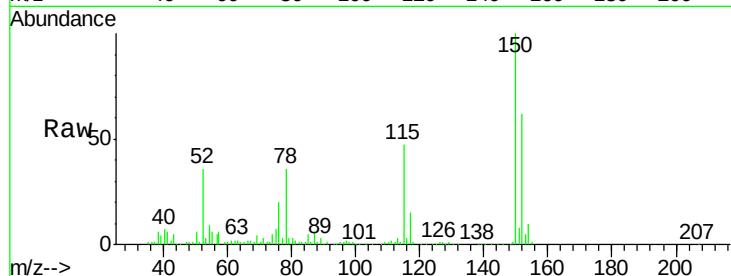
Tgt Ion:152 Resp: 273164

Ion Ratio Lower Upper

152 100

150 162.5 123.0 184.4

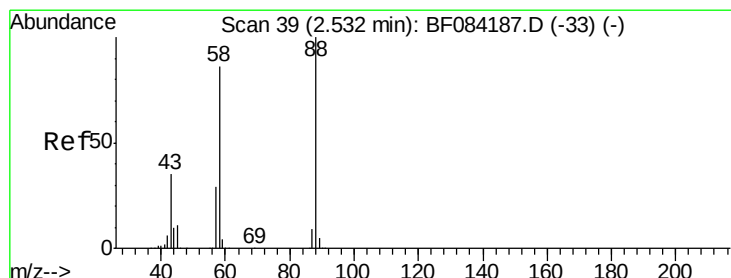
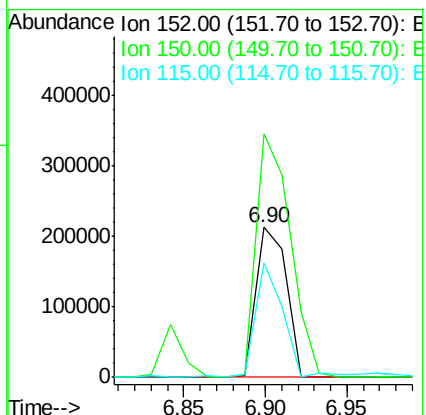
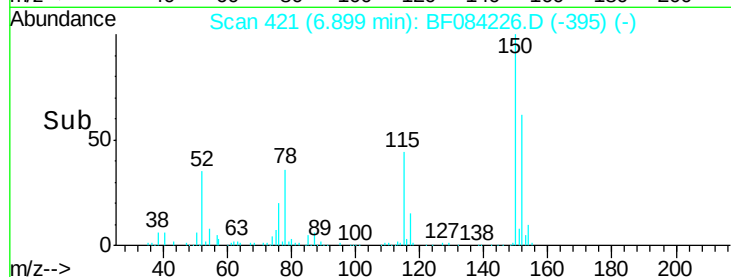
115 76.1 51.4 77.2



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: 13.54 ng

RT: 2.56 min Scan# 41

Delta R.T. 0.02 min

Lab File: BF084226.D

Acq: 1 Jan 2016 5:43

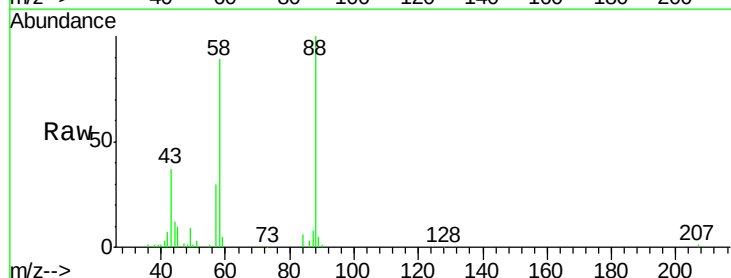
Tgt Ion: 88 Resp: 108310

Ion Ratio Lower Upper

88 100

58 86.0 51.2 76.8#

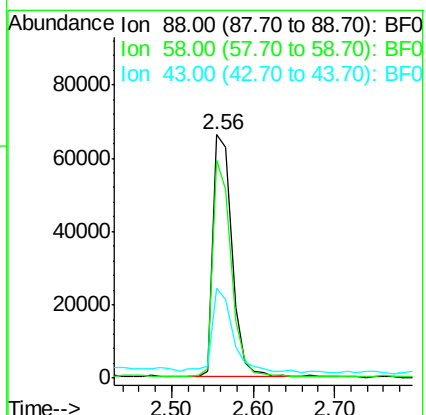
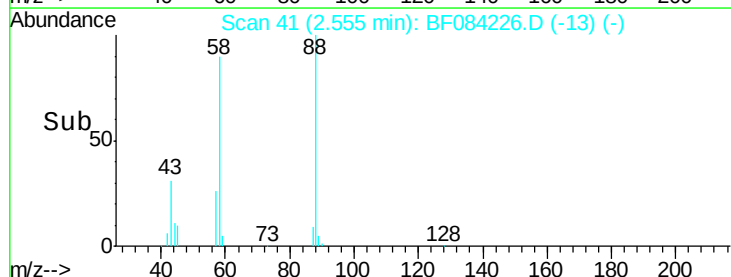
43 39.5 19.5 29.3#

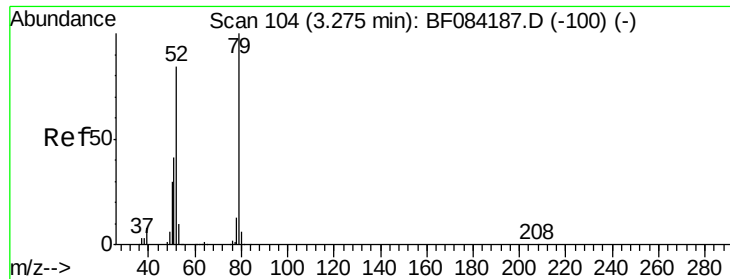


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 12.45 ng

RT: 3.33 min Scan# 109

Delta R.T. 0.06 min

Lab File: BF084226.D

Acq: 1 Jan 2016 5:43

Instrument :

BNA_F

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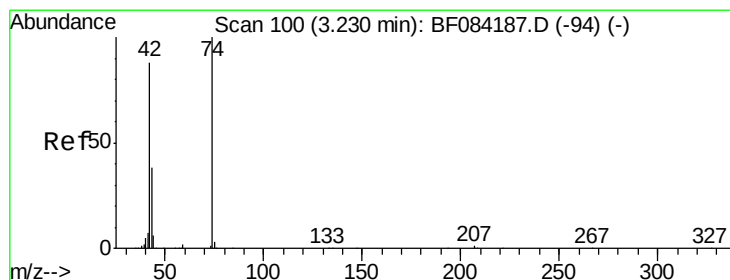
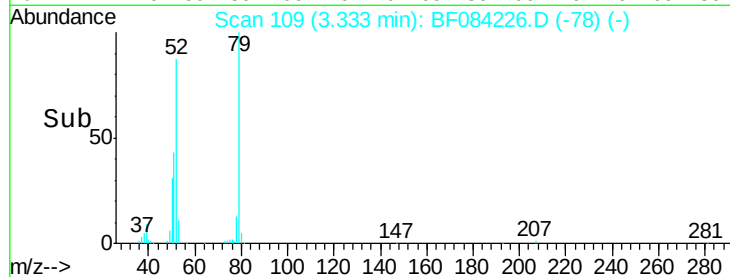
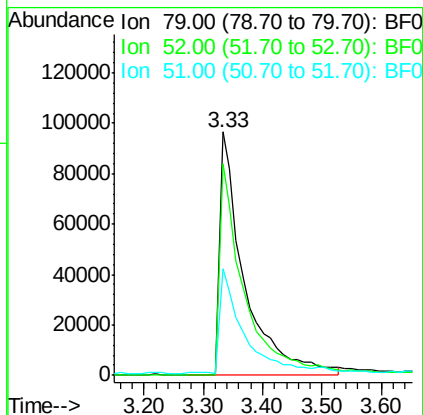
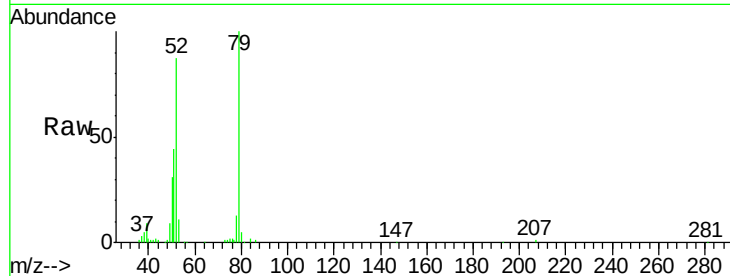
Tgt Ion: 79 Resp: 277642

Ion Ratio Lower Upper

79 100

52 87.0 49.0 73.4#

51 43.7 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 16.34 ng

RT: 3.24 min Scan# 101

Delta R.T. 0.01 min

Lab File: BF084226.D

Acq: 1 Jan 2016 5:43

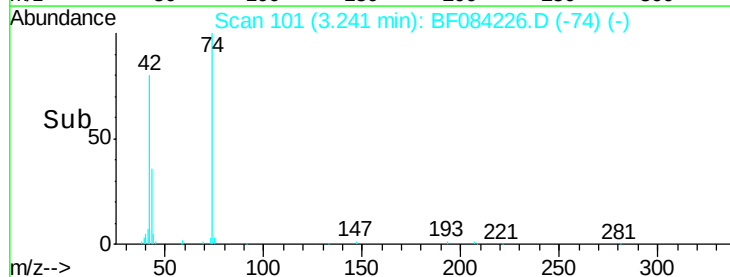
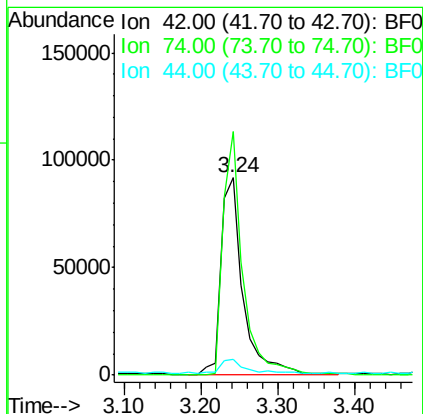
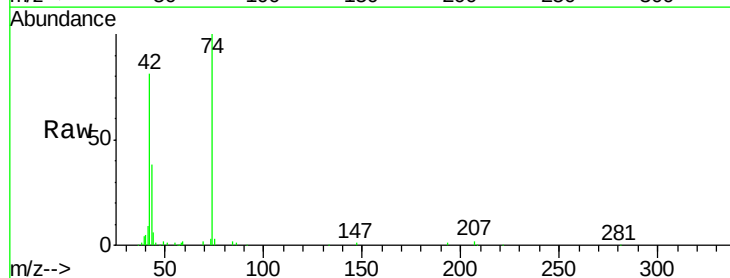
Tgt Ion: 42 Resp: 187028

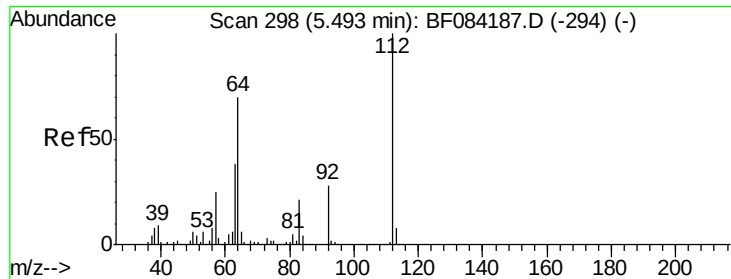
Ion Ratio Lower Upper

42 100

74 123.4 115.7 173.5

44 7.9 5.1 7.7#





#5

2-Fluorophenol

Concen: 52.79 ng

RT: 5.50 min Scan# 299

Delta R.T. 0.01 min

Lab File: BF084226.D

Acq: 1 Jan 2016 5:43

Instrument :

BNA_F

ClientSampleId :

S8-0529MSD

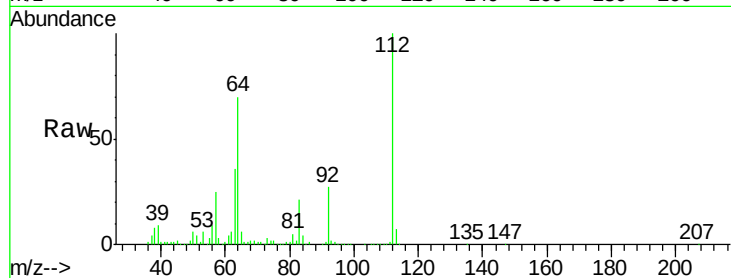
Tgt Ion: 112 Resp: 891494

Ion Ratio Lower Upper

112 100

64 70.3 36.6 55.0#

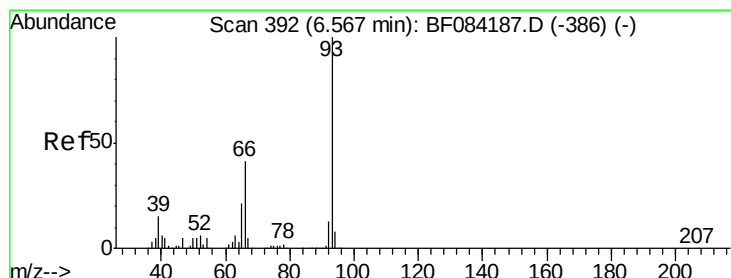
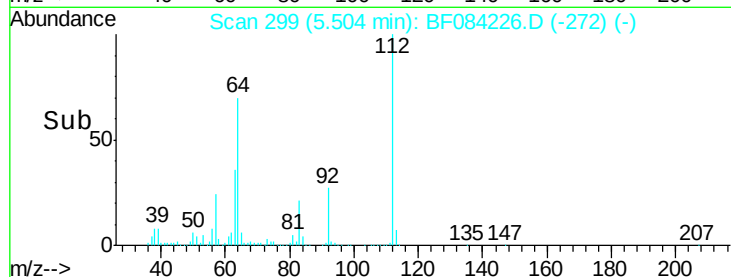
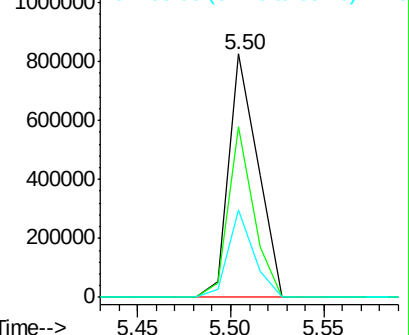
63 36.0 19.4 29.0#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 15.94 ng

RT: 6.58 min Scan# 393

Delta R.T. 0.01 min

Lab File: BF084226.D

Acq: 1 Jan 2016 5:43

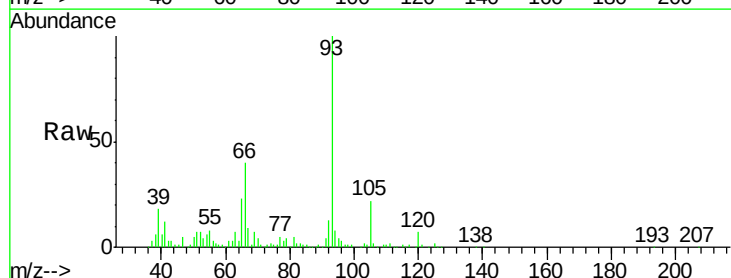
Tgt Ion: 93 Resp: 494463

Ion Ratio Lower Upper

93 100

66 40.3 44.9 67.3#

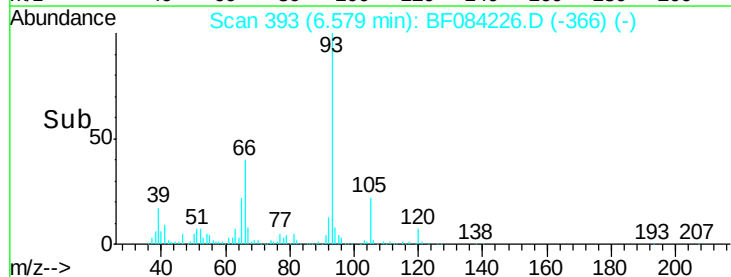
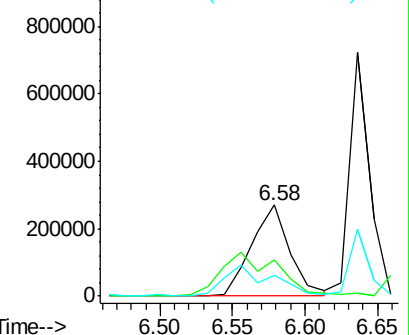
65 22.6 23.7 35.5#

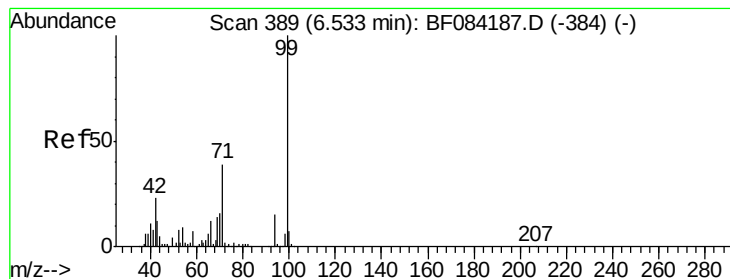


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 36.88 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF084226.D

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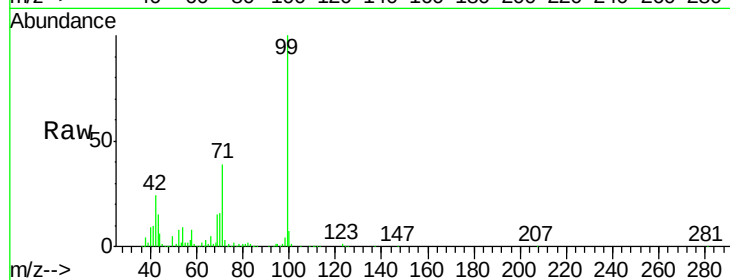
Tgt Ion: 99 Resp: 782317

Ion Ratio Lower Upper

99 100

42 23.7 12.8 19.2#

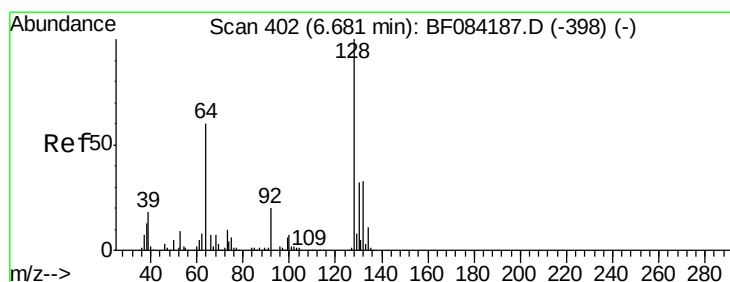
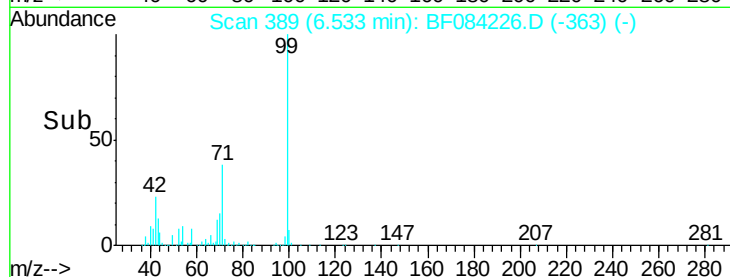
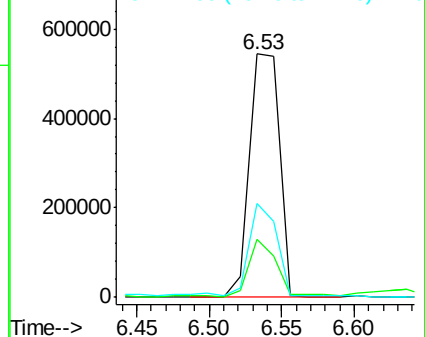
71 38.7 30.9 46.3



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: 31.98 ng

RT: 6.69 min Scan# 403

Delta R.T. 0.01 min

Lab File: BF084226.D

Acq: 1 Jan 2016 5:43

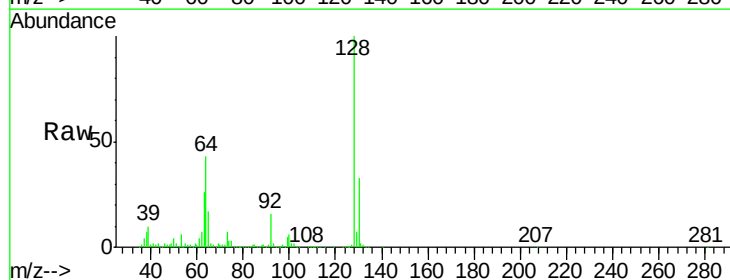
Tgt Ion: 128 Resp: 612750

Ion Ratio Lower Upper

128 100

130 33.1 11.6 51.6

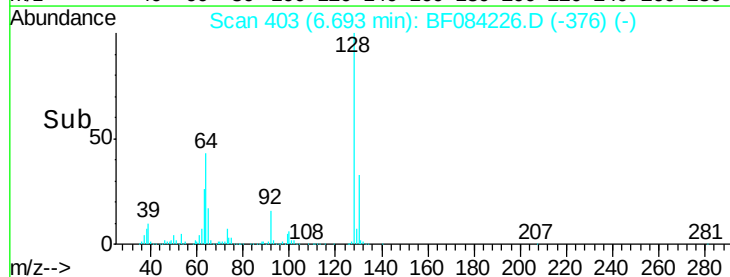
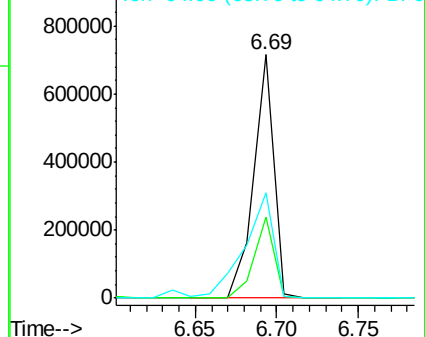
64 43.4 23.8 63.8

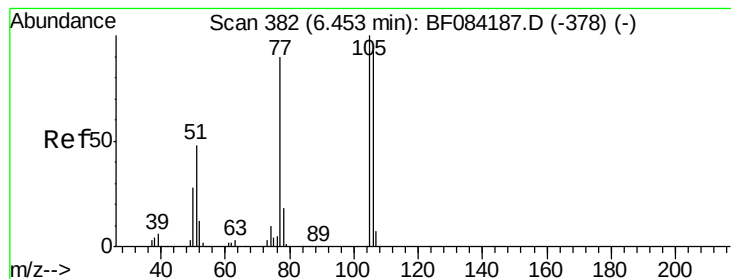


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 12.12 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

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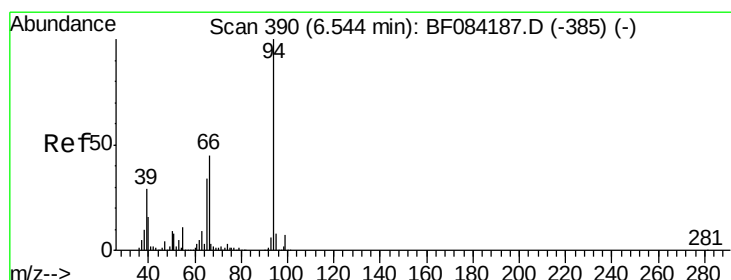
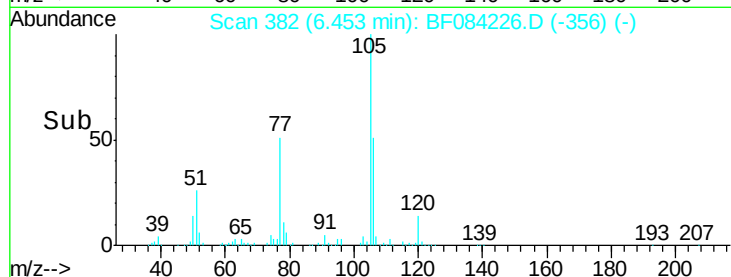
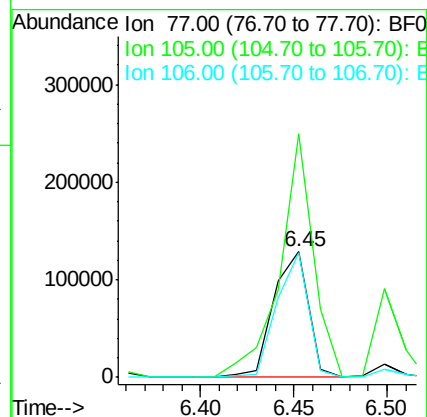
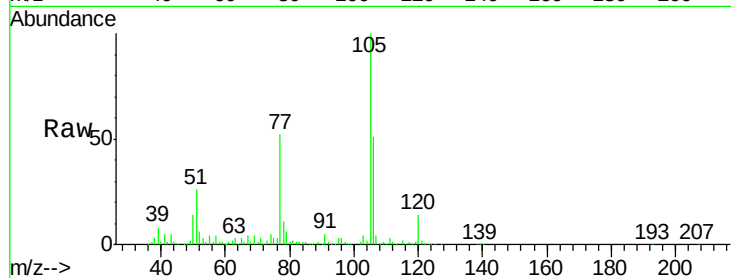
Tgt Ion: 77 Resp: 167456

Ion Ratio Lower Upper

77 100

105 193.6 83.0 123.0#

106 98.9 74.6 114.6



#10

Phenol

Concen: 14.05 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF084226.D

Acq: 1 Jan 2016 5:43

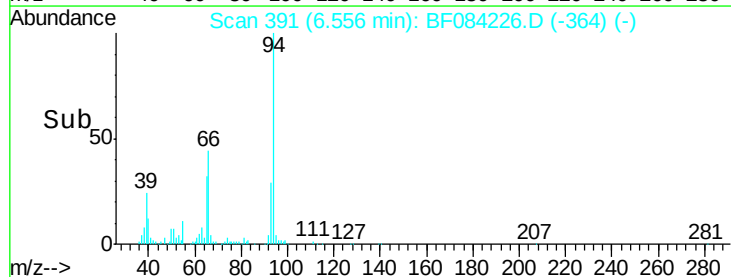
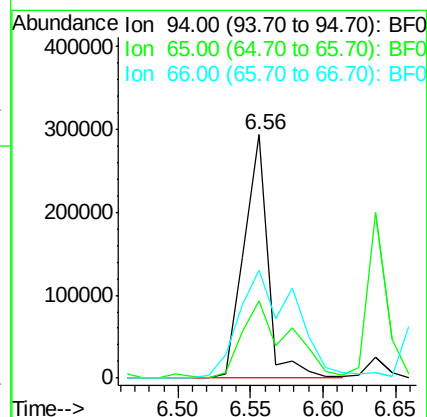
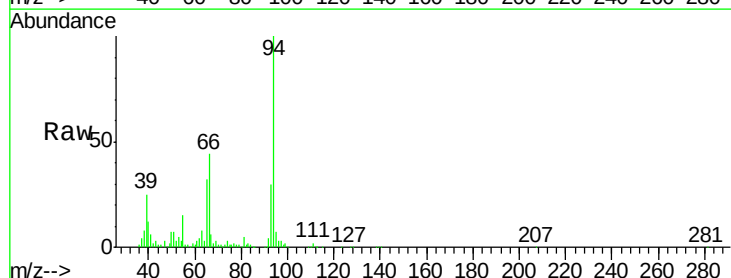
Tgt Ion: 94 Resp: 338939

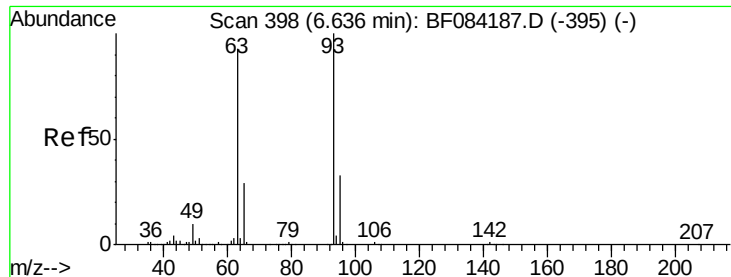
Ion Ratio Lower Upper

94 100

65 31.8 12.9 52.9

66 44.3 32.7 72.7

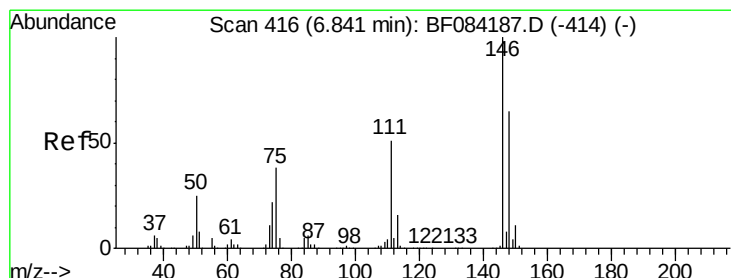
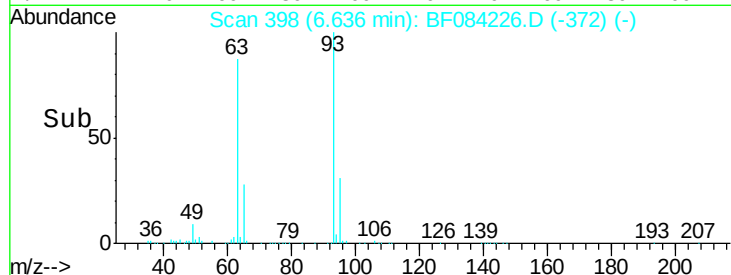
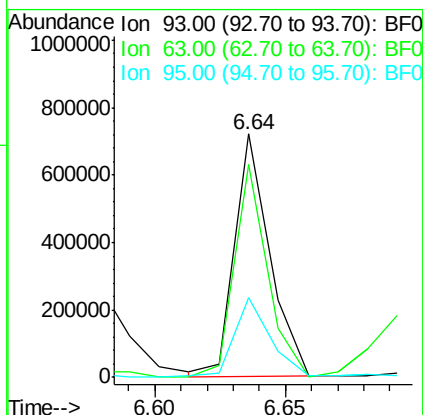
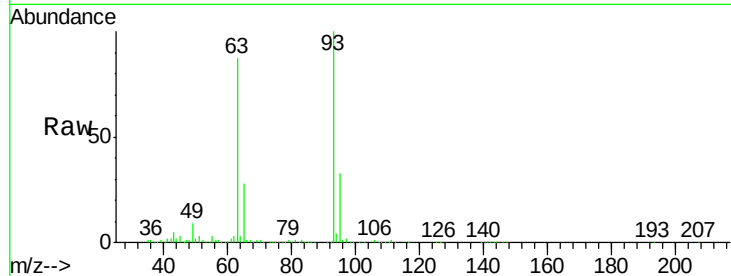




#11
bis(2-Chloroethyl)ether
Concen: 36.02 ng
RT: 6.64 min Scan# 398
Delta R.T. 0.00 min
Lab File: BF084226.D
Acq: 1 Jan 2016 5:43

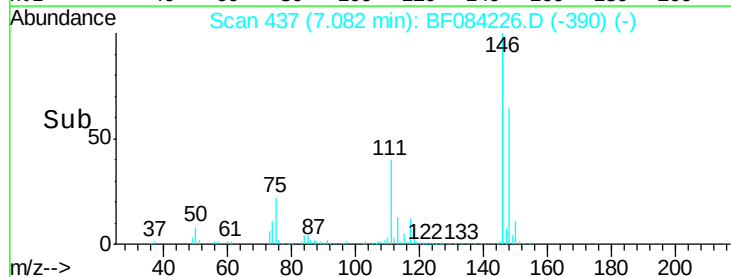
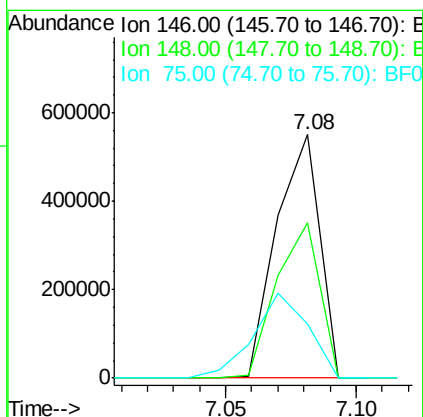
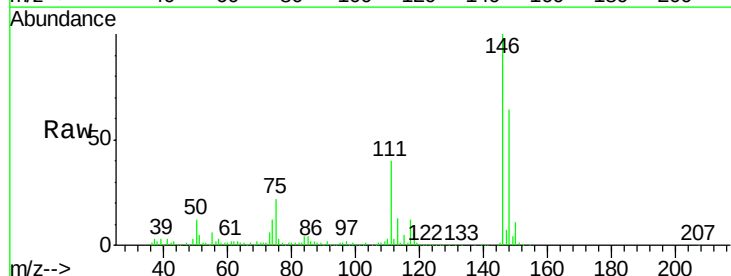
Instrument :
BNA_F
ClientSampleId :
S8-0529MSD

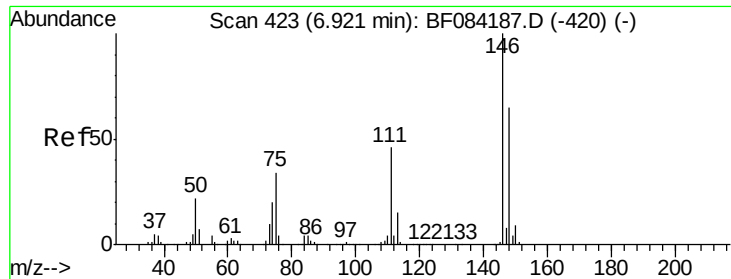
Tgt Ion: 93 Resp: 672917
Ion Ratio Lower Upper
93 100
63 87.3 45.9 85.9#
95 32.9 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 32.12 ng
RT: 7.08 min Scan# 437
Delta R.T. 0.24 min
Lab File: BF084226.D
Acq: 1 Jan 2016 5:43

Tgt Ion: 146 Resp: 634812
Ion Ratio Lower Upper
146 100
148 63.8 51.9 77.9
75 22.1 20.5 30.7

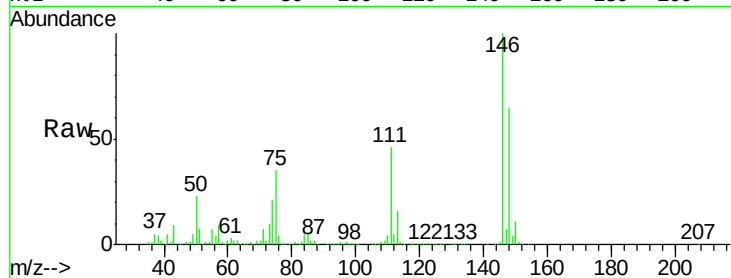




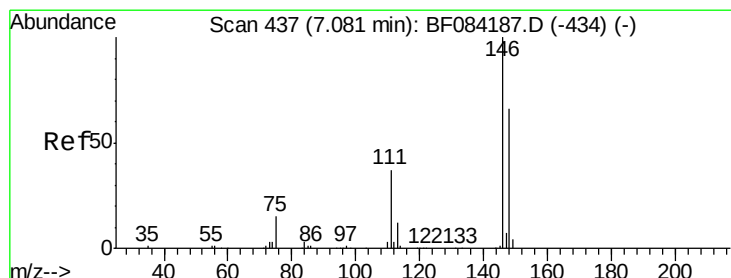
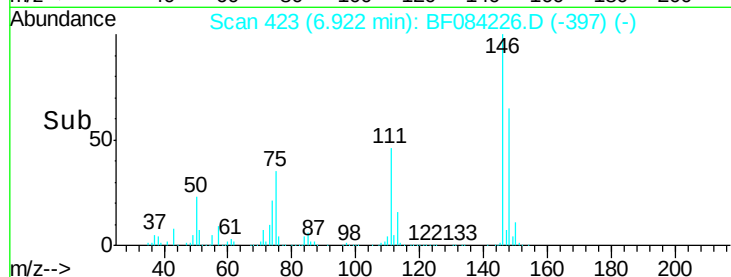
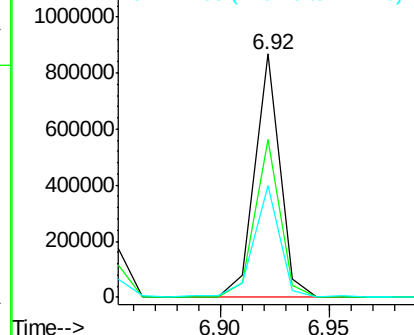
#13
 1,4-Dichlorobenzene
 Concen: 35.10 ng
 RT: 6.92 min Scan# 423
 Delta R.T. 0.00 min
 Lab File: BF084226.D
 Acq: 1 Jan 2016 5:43

Instrument :
 BNA_F
 ClientSampleId :
 S8-0529MSD

Tgt Ion:146 Resp: 695796
 Ion Ratio Lower Upper
 146 100
 148 65.1 51.9 77.9
 111 46.1 41.6 62.4

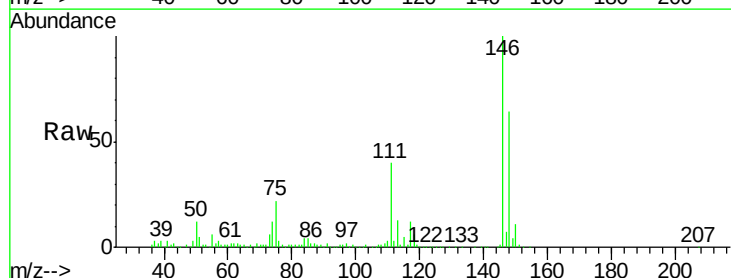


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

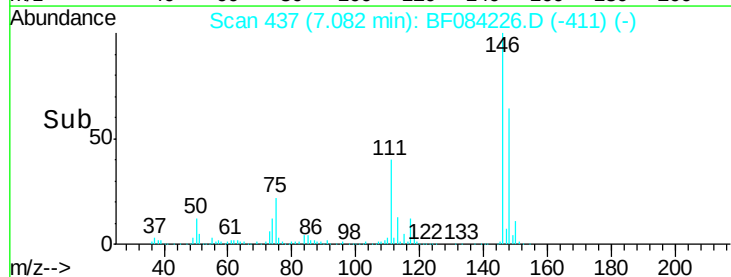
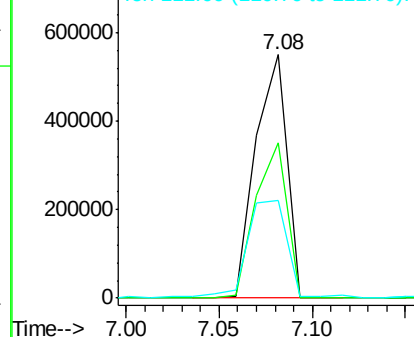


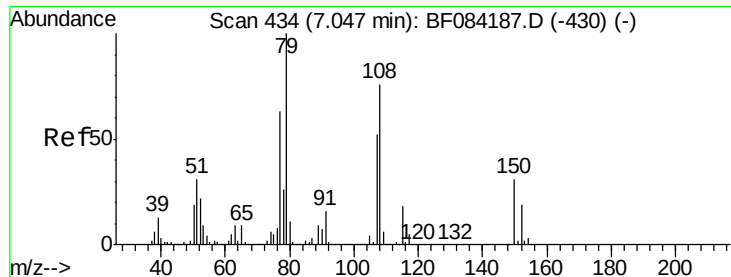
#14
 1,2-Dichlorobenzene
 Concen: 33.45 ng
 RT: 7.08 min Scan# 437
 Delta R.T. 0.00 min
 Lab File: BF084226.D
 Acq: 1 Jan 2016 5:43

Tgt Ion:146 Resp: 634865
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.6 77.4
 111 40.1 38.0 57.0



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

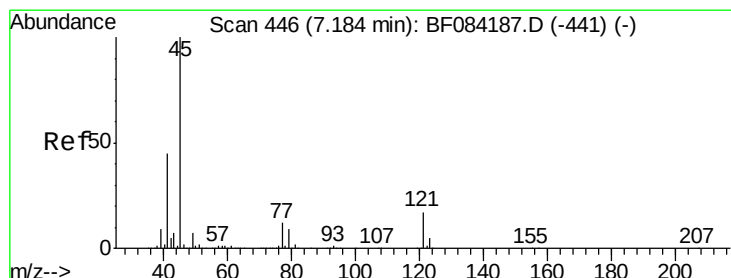
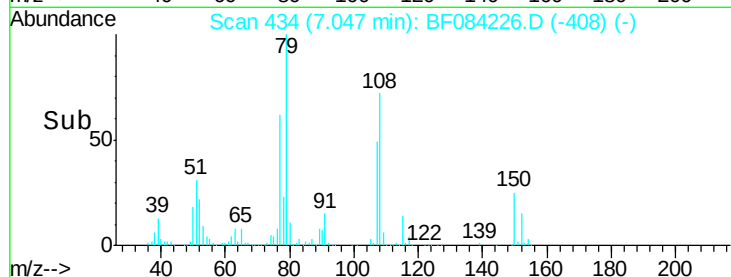
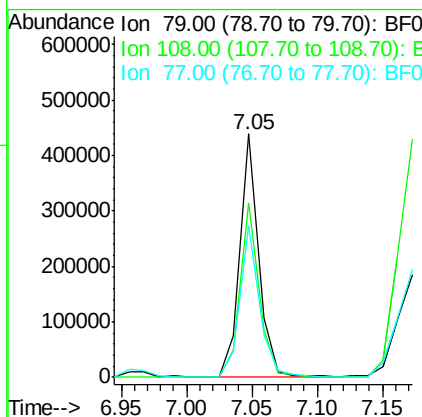
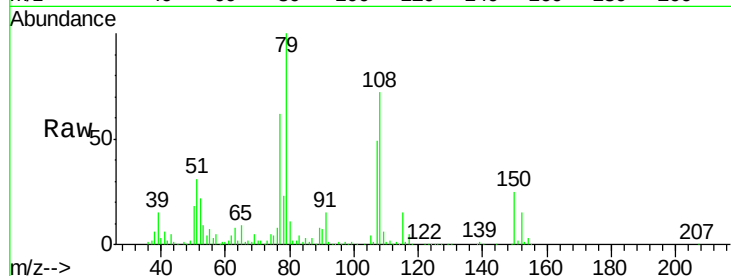




#15
Benzyl Alcohol
Concen: 24.15 ng
RT: 7.05 min Scan# 434
Delta R.T. 0.00 min
Lab File: BF084226.D
Acq: 1 Jan 2016 5:43

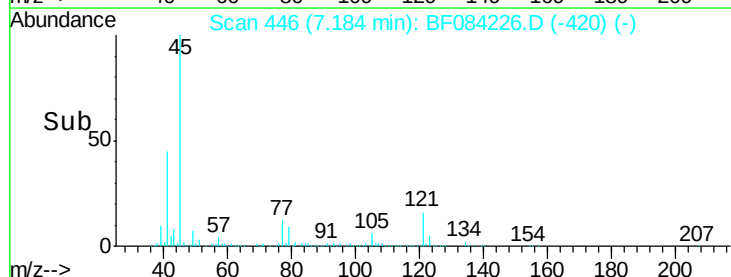
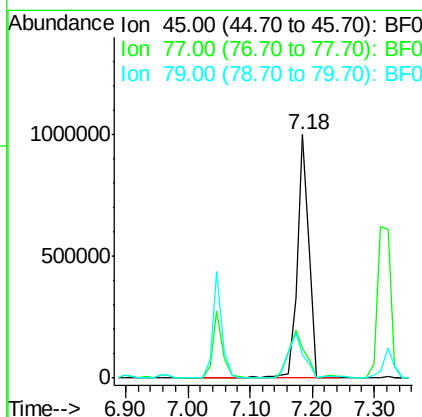
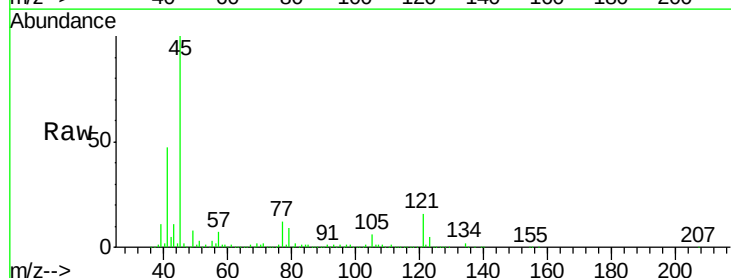
Instrument :
BNA_F
ClientSampleId :
S8-0529MSD

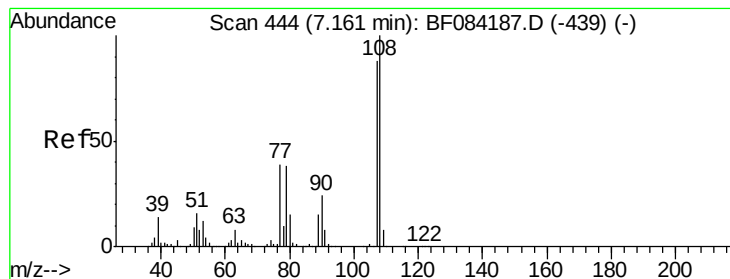
Tgt Ion: 79 Resp: 430894
Ion Ratio Lower Upper
79 100
108 71.6 69.0 103.4
77 62.3 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.28 ng
RT: 7.18 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF084226.D
Acq: 1 Jan 2016 5:43

Tgt Ion: 45 Resp: 1268237
Ion Ratio Lower Upper
45 100
77 12.1 0.0 39.6
79 9.4 0.0 35.0





#17

2-Methylphenol

Concen: 25.60 ng

RT: 7.17 min Scan# 445

Delta R.T. 0.01 min

Lab File: BF084226.D

Acq: 1 Jan 2016 5:43

Instrument :

BNA_F

ClientSampleId :

S8-0529MSD

Tgt Ion:107 Resp: 411178

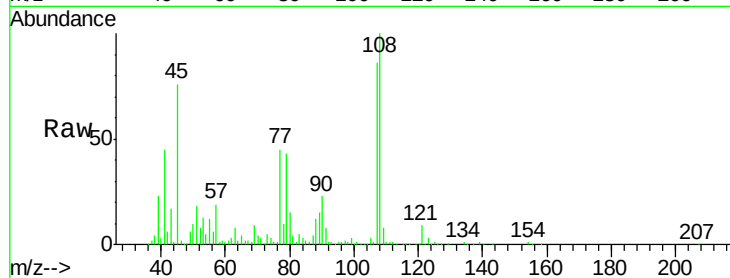
Ion Ratio Lower Upper

107 100

108 116.4 89.8 134.6

77 52.6 35.7 53.5

79 50.4 35.7 53.5

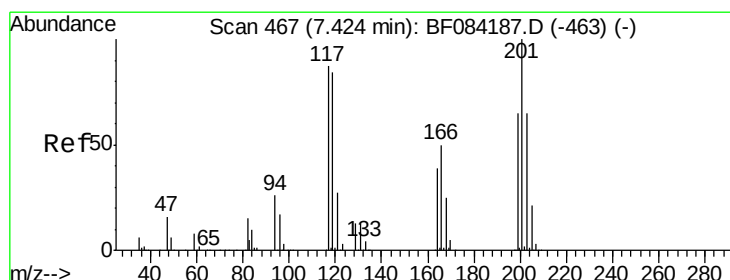
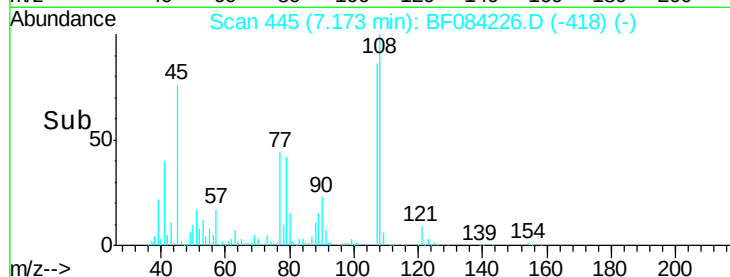
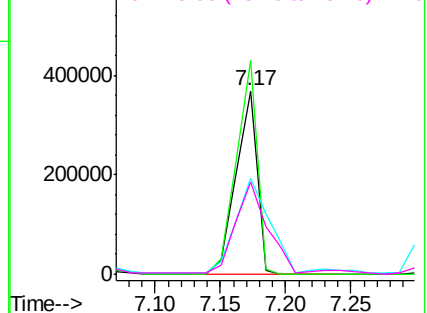


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 40.68 ng

RT: 7.42 min Scan# 467

Delta R.T. 0.00 min

Lab File: BF084226.D

Acq: 1 Jan 2016 5:43

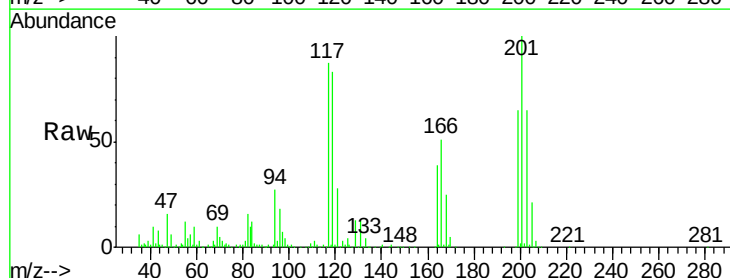
Tgt Ion:117 Resp: 322408

Ion Ratio Lower Upper

117 100

119 95.9 77.4 116.0

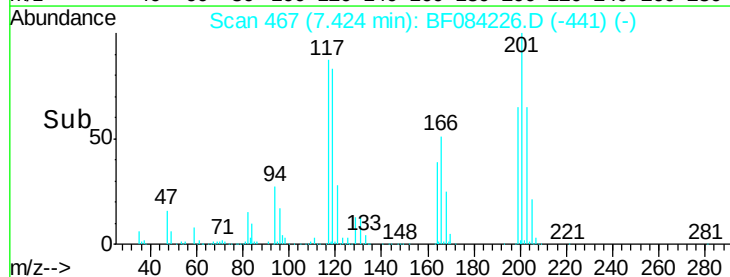
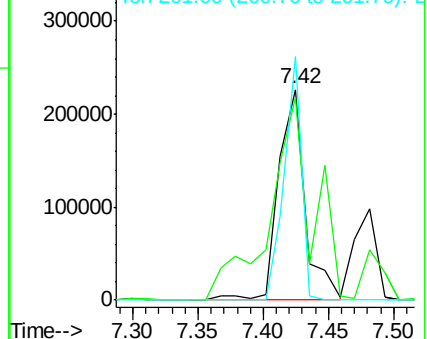
201 115.4 68.6 103.0#

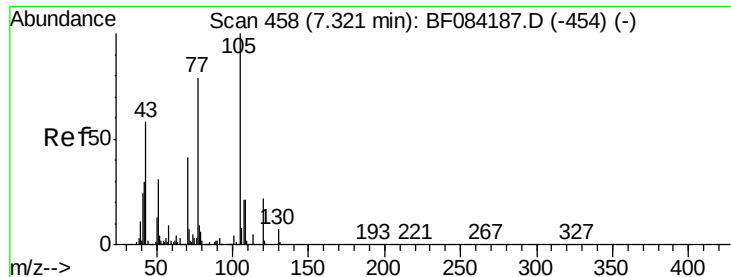


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

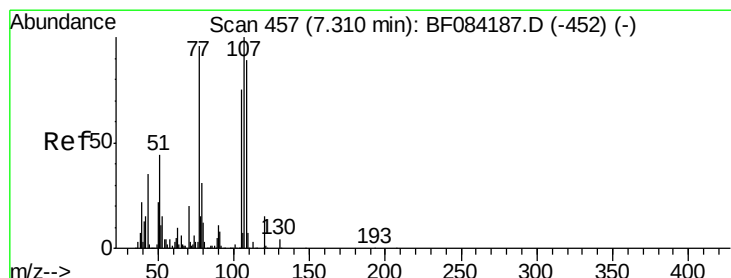
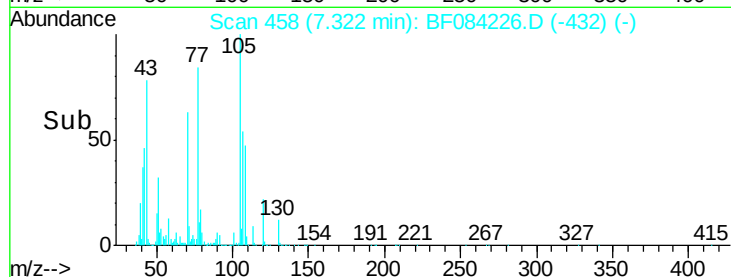
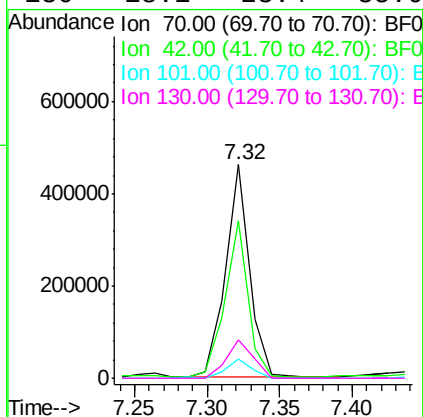
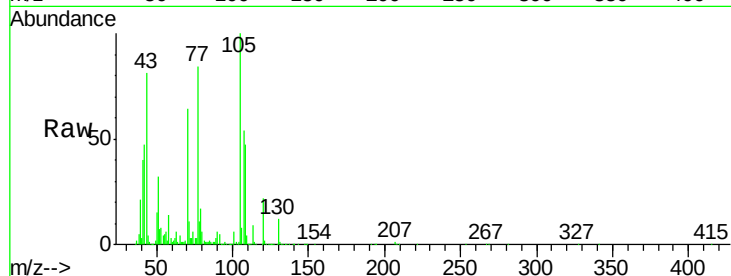




#19
n-Nitroso-di-n-propylamine
Concen: 36.62 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF084226.D
Acq: 1 Jan 2016 5:43

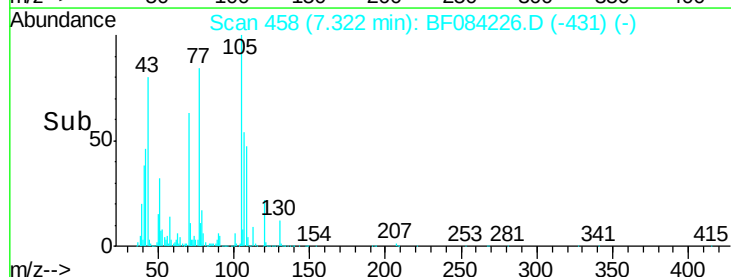
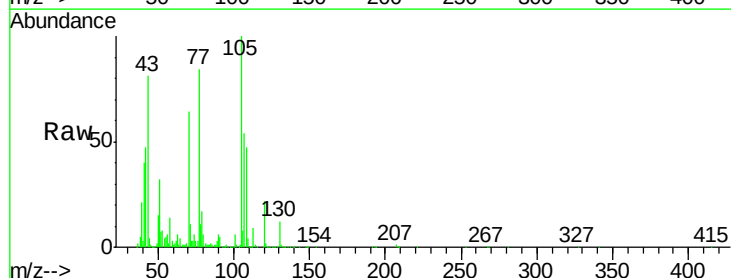
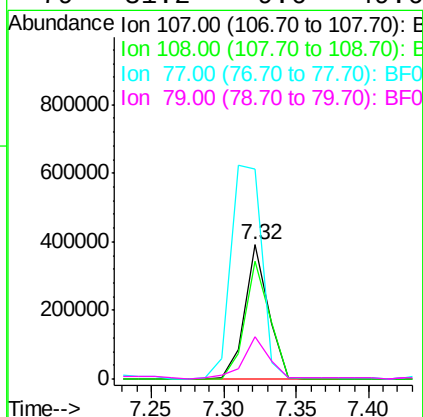
Instrument :
BNA_F
ClientSampleId :
S8-0529MSD

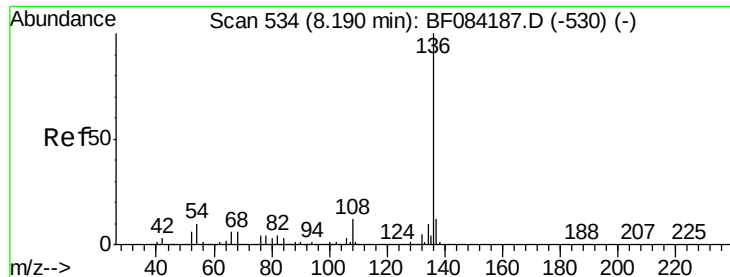
Tgt Ion: 70 Resp: 525852
Ion Ratio Lower Upper
70 100
42 73.5 33.3 49.9#
101 8.9 9.3 13.9#
130 18.1 23.4 35.0#



#20
3+4-Methylphenols
Concen: 23.41 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.01 min
Lab File: BF084226.D
Acq: 1 Jan 2016 5:43

Tgt Ion: 107 Resp: 441849
Ion Ratio Lower Upper
107 100
108 88.3 64.1 104.1
77 156.5 128.9 168.9
79 31.2 9.6 49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF084226.D

Acq: 1 Jan 2016 5:43

Instrument :

BNA_F

ClientSampleId :

S8-0529MSD

Tgt Ion:136 Resp: 1058043

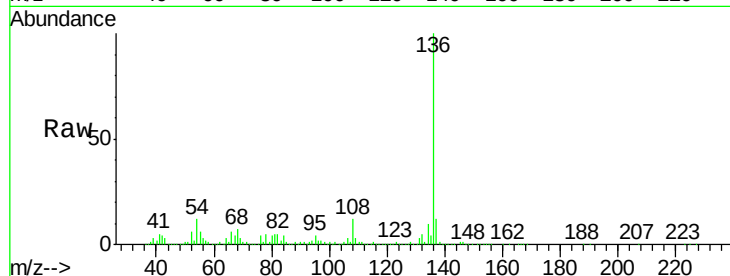
Ion Ratio Lower Upper

136 100

137 11.9 8.7 13.1

54 12.2 5.8 8.8#

68 7.3 4.2 6.2#

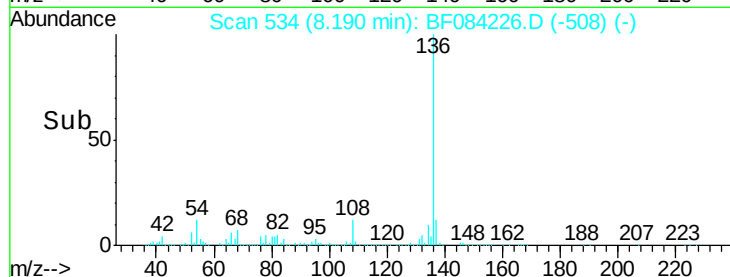


Abundance Ion 136.00 (135.70 to 136.70): E

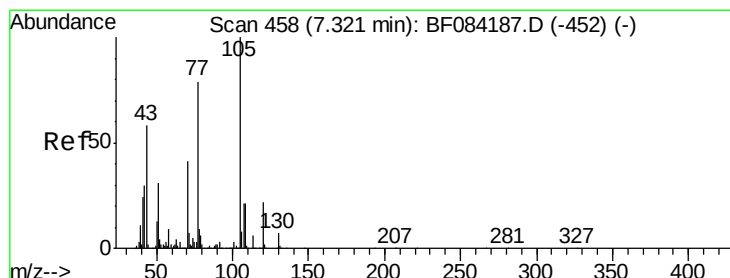
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 42.82 ng

RT: 7.32 min Scan# 458

Delta R.T. 0.00 min

Lab File: BF084226.D

Acq: 1 Jan 2016 5:43

Tgt Ion:105 Resp: 1089469

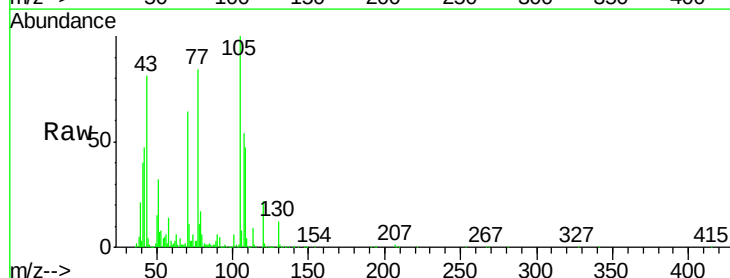
Ion Ratio Lower Upper

105 100

71 11.4 3.7 5.5#

51 32.2 25.1 37.7

120 22.5 16.6 25.0

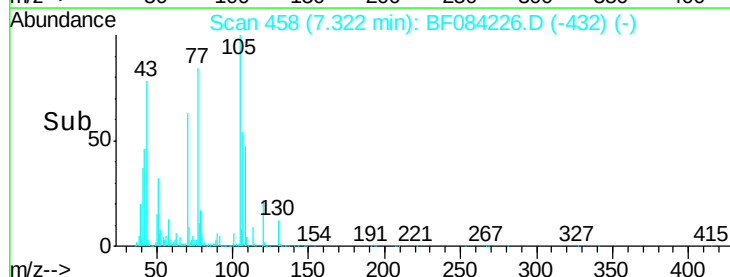


Abundance Ion 105.00 (104.70 to 105.70): E

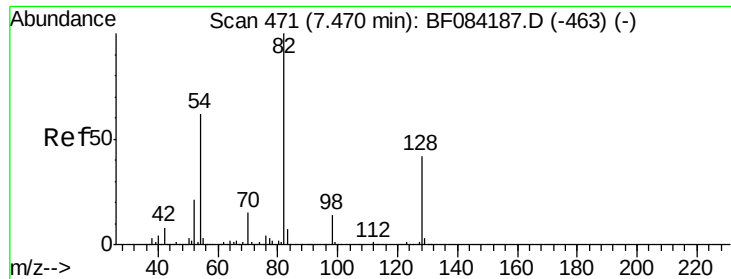
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



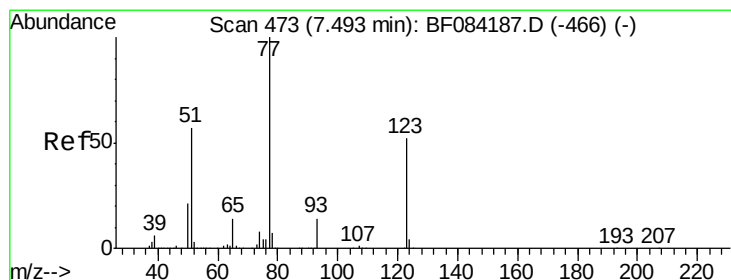
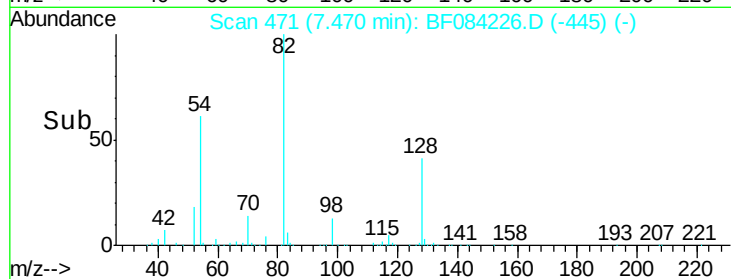
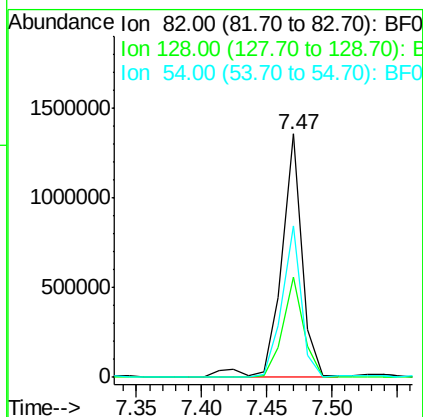
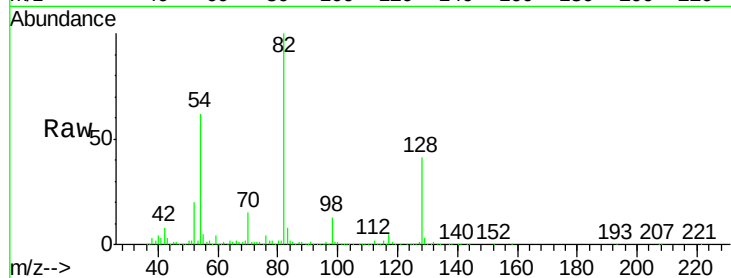
Time-->



#23
Nitrobenzene-d5
Concen: 78.74 ng
RT: 7.47 min Scan# 471
Delta R.T. 0.00 min
Lab File: BF084226.D
Acq: 1 Jan 2016 5:43

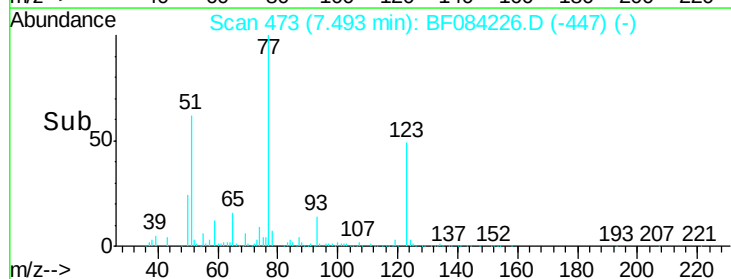
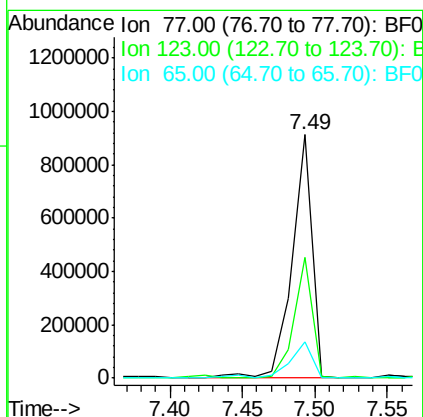
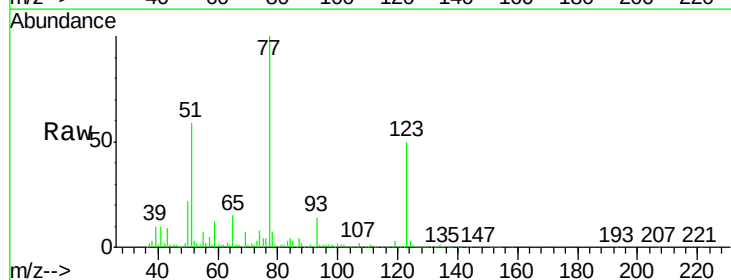
Instrument :
BNA_F
ClientSampleId :
S8-0529MSD

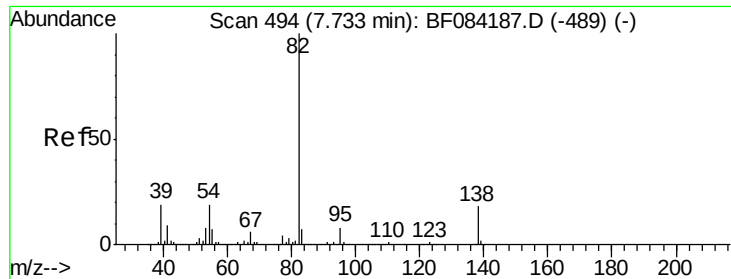
Tgt Ion: 82 Resp: 1496867
Ion Ratio Lower Upper
82 100
128 41.0 34.6 51.8
54 62.1 38.4 57.6#



#24
Nitrobenzene
Concen: 45.09 ng
RT: 7.49 min Scan# 473
Delta R.T. 0.00 min
Lab File: BF084226.D
Acq: 1 Jan 2016 5:43

Tgt Ion: 77 Resp: 869423
Ion Ratio Lower Upper
77 100
123 49.7 37.4 56.2
65 15.1 10.9 16.3





#25

Isophorone

Concen: 37.66 ng

RT: 7.73 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF084226.D

Acq: 1 Jan 2016 5:43

Instrument :

BNA_F

ClientSampleId :

S8-0529MSD

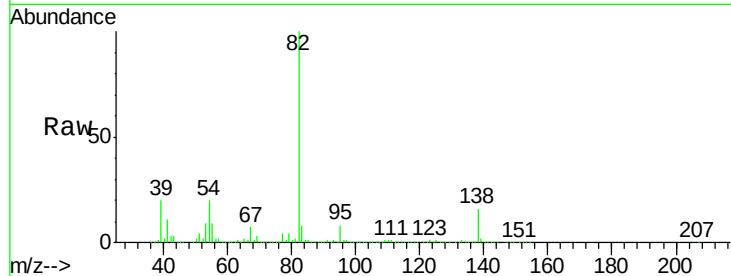
Tgt Ion: 82 Resp: 1369139

Ion Ratio Lower Upper

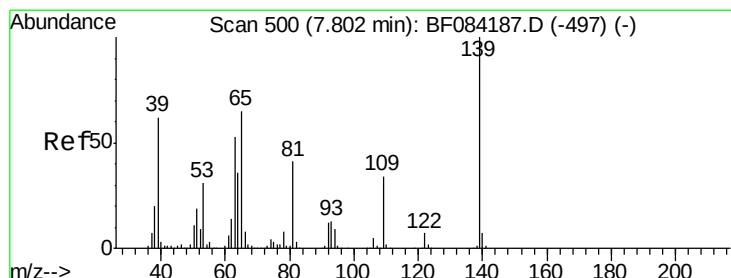
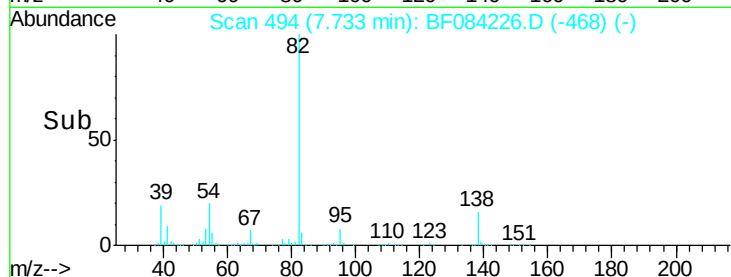
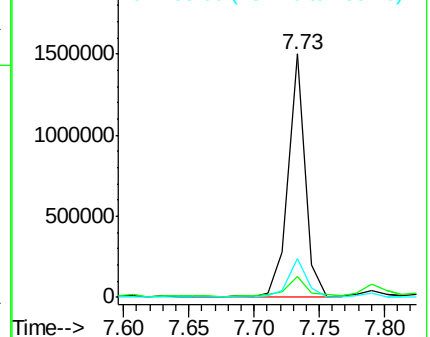
82 100

95 8.5 6.6 10.0

138 16.0 13.6 20.4



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: 37.88 ng

RT: 7.80 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF084226.D

Acq: 1 Jan 2016 5:43

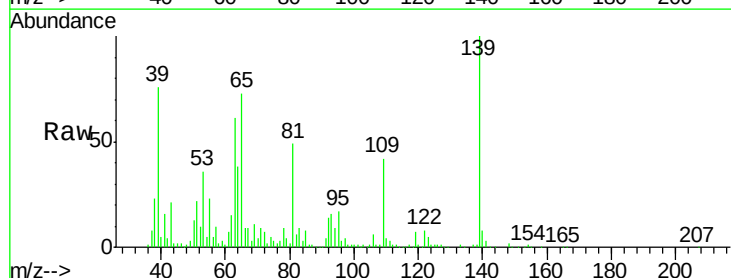
Tgt Ion: 139 Resp: 332419

Ion Ratio Lower Upper

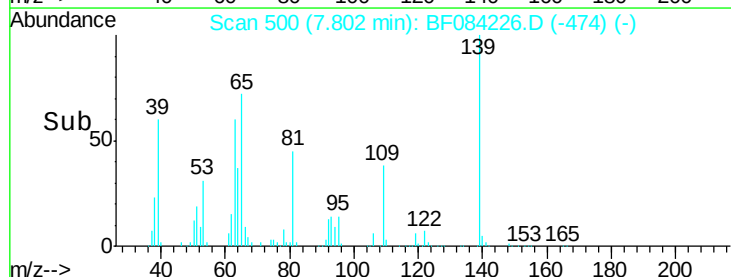
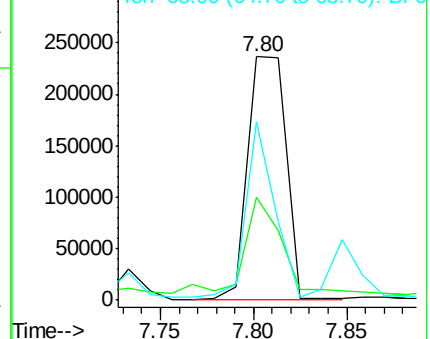
139 100

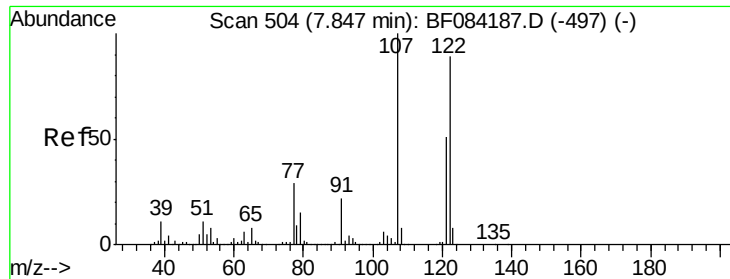
109 42.1 25.4 38.2#

65 73.3 32.3 48.5#



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





#27

2,4-Dimethylphenol

Concen: 31.80 ng

RT: 7.85 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF084226.D

Acq: 1 Jan 2016 5:43

Instrument :

BNA_F

ClientSampleId :

S8-0529MSD

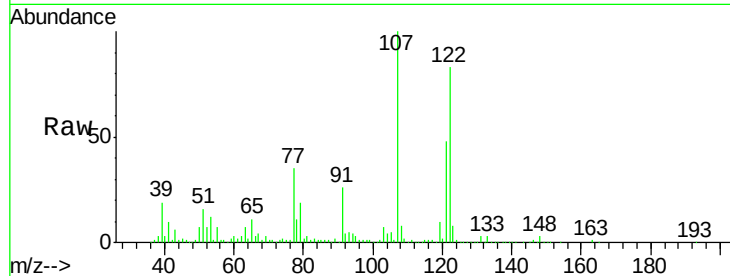
Tgt Ion:122 Resp: 564798

Ion Ratio Lower Upper

122 100

107 120.9 99.1 148.7

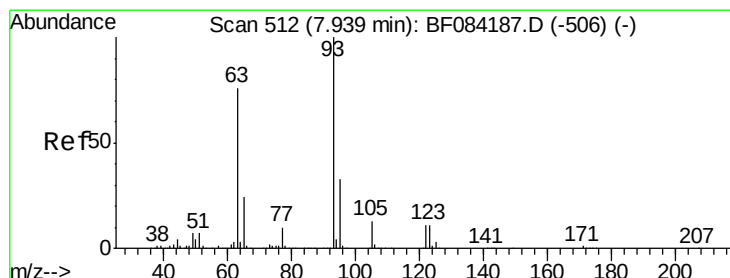
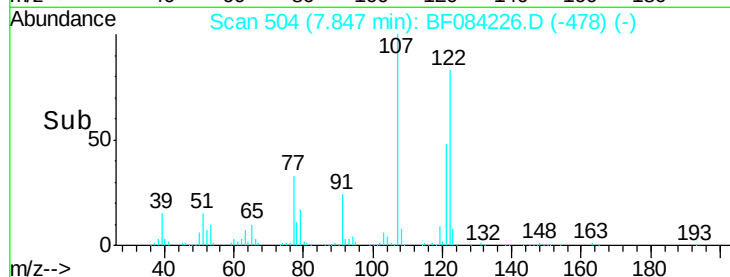
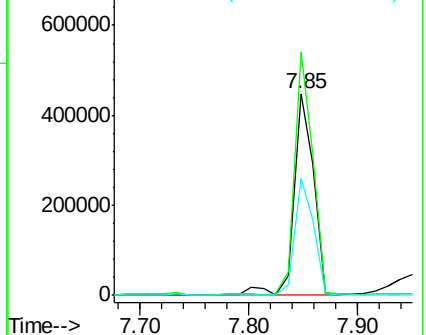
121 57.8 47.9 71.9



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: 39.53 ng

RT: 7.94 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF084226.D

Acq: 1 Jan 2016 5:43

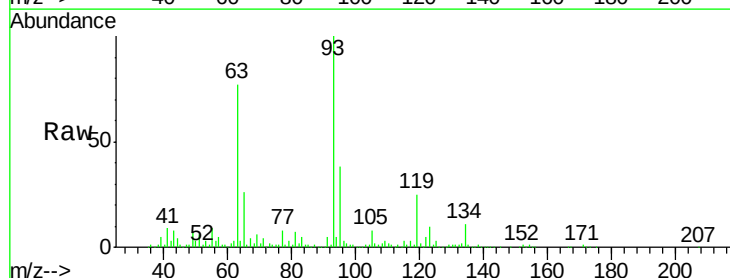
Tgt Ion: 93 Resp: 877836

Ion Ratio Lower Upper

93 100

95 37.8 25.8 38.6

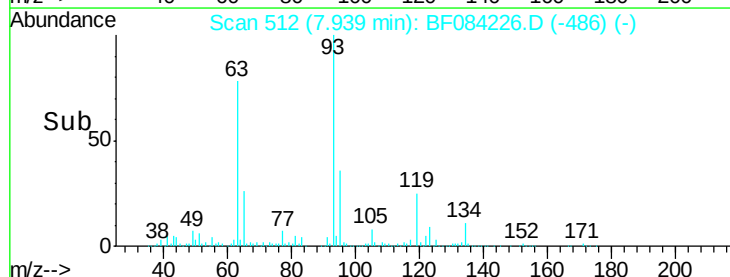
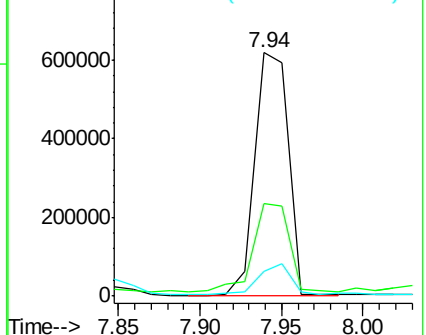
123 10.1 8.6 12.8

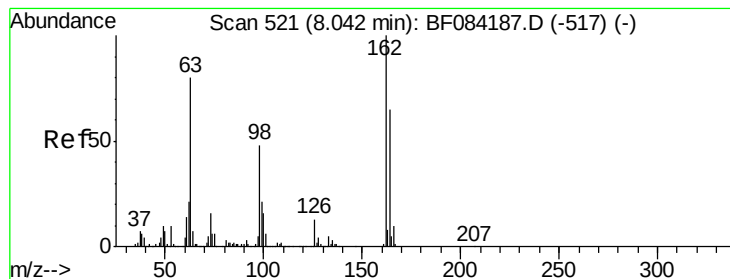


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 35.33 ng

RT: 8.05 min Scan# 522

Delta R.T. 0.01 min

Lab File: BF084226.D

Acq: 1 Jan 2016 5:43

Instrument :

BNA_F

ClientSampleId :

S8-0529MSD

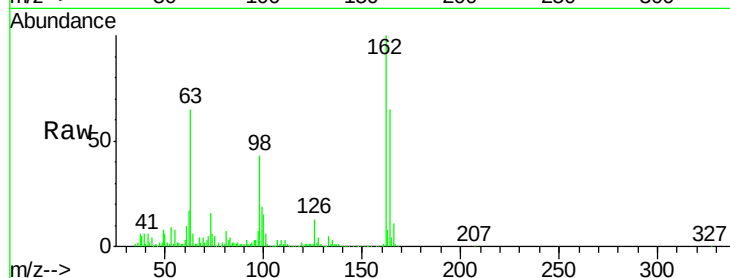
Tgt Ion:162 Resp: 522777

Ion Ratio Lower Upper

162 100

164 65.0 44.1 84.1

98 42.9 20.2 60.2

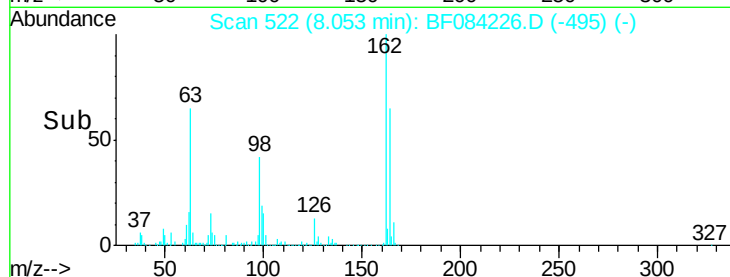


Abundance Ion 162.00 (161.70 to 162.70): E

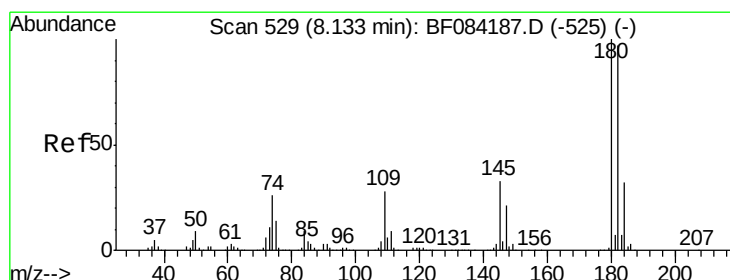
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0

Time-->



Time-->



#30

1,2,4-Trichlorobenzene

Concen: 39.50 ng

RT: 8.13 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF084226.D

Acq: 1 Jan 2016 5:43

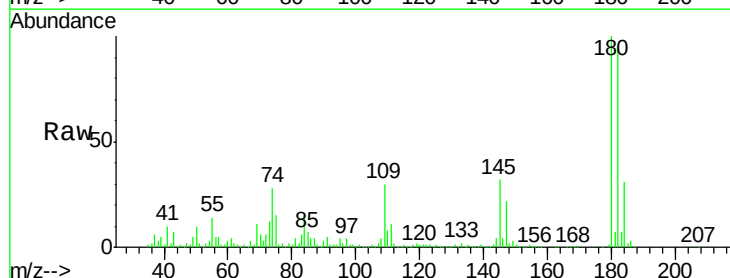
Tgt Ion:180 Resp: 603428

Ion Ratio Lower Upper

180 100

182 94.5 76.4 114.6

145 32.0 31.6 47.4

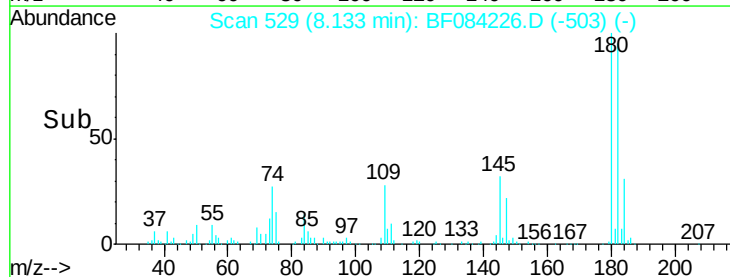


Abundance Ion 180.00 (179.70 to 180.70): E

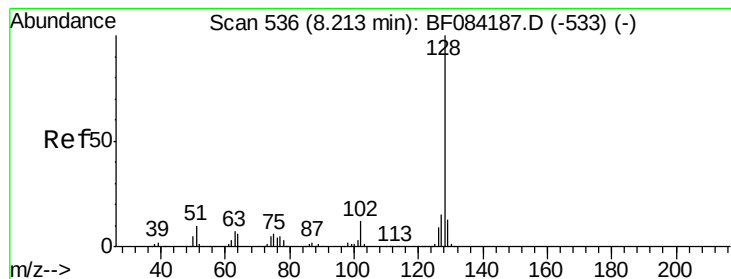
Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

Time-->



Time-->



#31

Naphthalene

Concen: 40.05 ng

RT: 8.21 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF084226.D

Acq: 1 Jan 2016 5:43

Instrument :

BNA_F

ClientSampleId :

S8-0529MSD

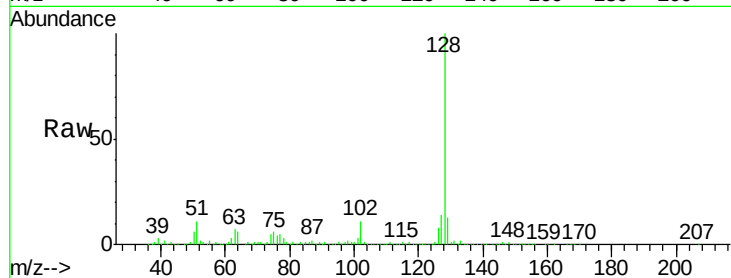
Tgt Ion:128 Resp: 1922392

Ion Ratio Lower Upper

128 100

129 12.5 9.1 13.7

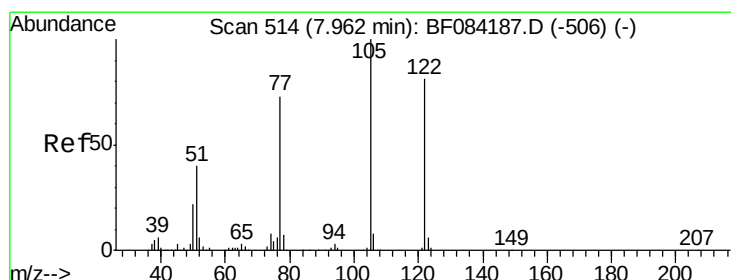
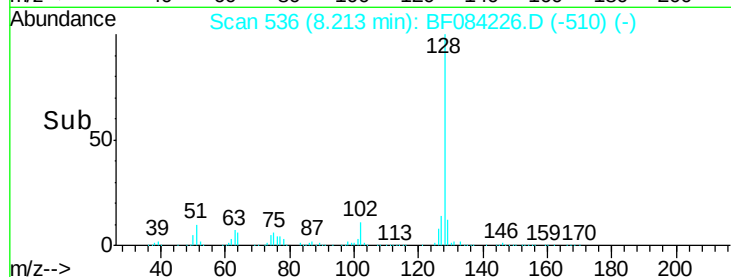
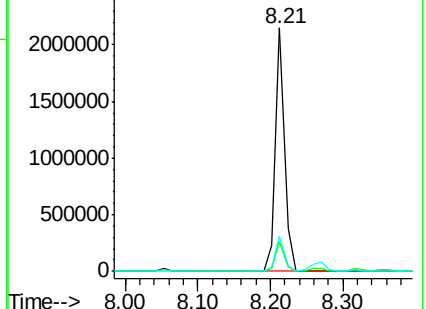
127 14.5 11.1 16.7



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: 17.79 ng

RT: 7.96 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF084226.D

Acq: 1 Jan 2016 5:43

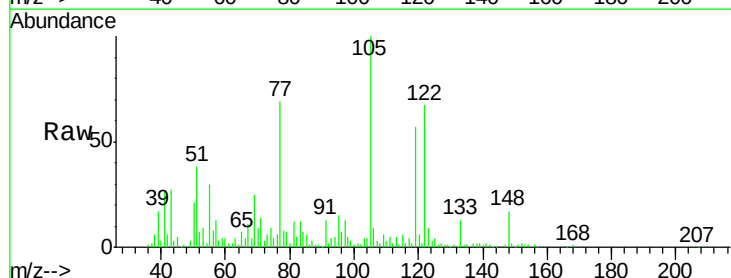
Tgt Ion:122 Resp: 151628

Ion Ratio Lower Upper

122 100

105 149.7 100.3 140.3#

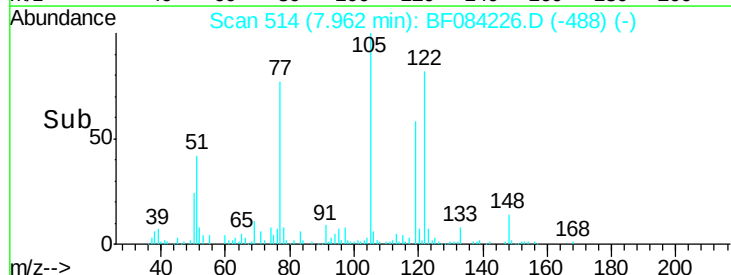
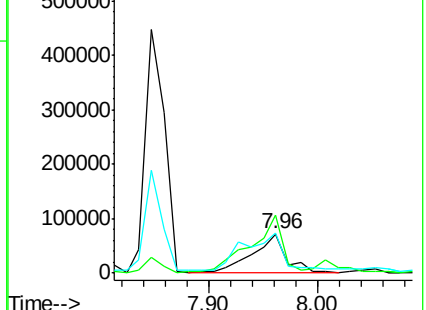
77 103.1 63.5 103.5

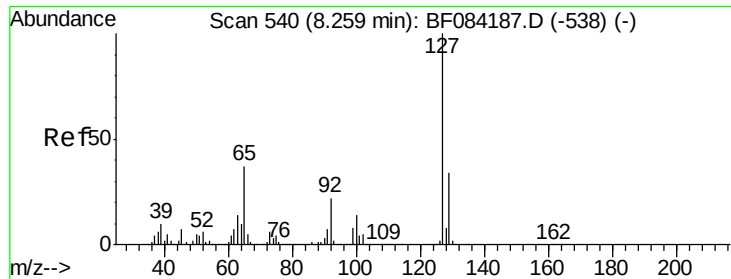


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

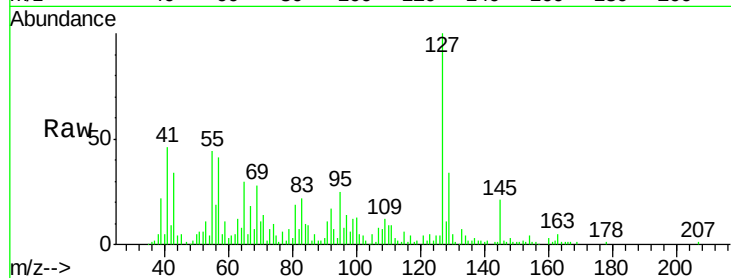




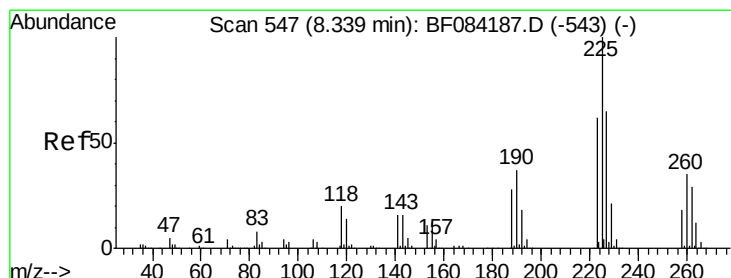
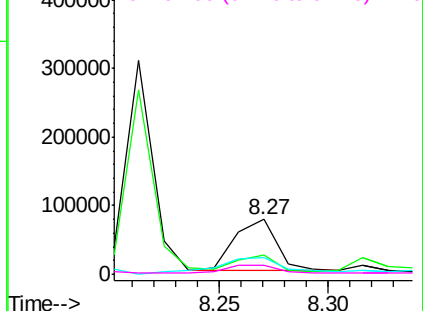
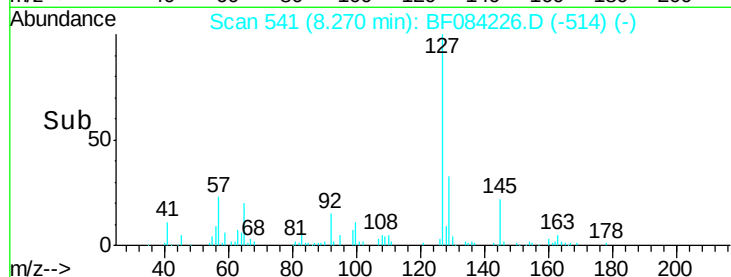
#33
4-Chloroaniline
Concen: 4.64 ng
RT: 8.27 min Scan# 541
Delta R.T. 0.01 min
Lab File: BF084226.D
Acq: 1 Jan 2016 5:43

Instrument :
BNA_F
ClientSampleId :
S8-0529MSD

Tgt Ion:	127	Resp:	102025
Ion	Ratio	Lower	Upper
127	100		
129	34.0	26.5	39.7
65	29.7	27.2	40.8
92	17.2	17.7	26.5#

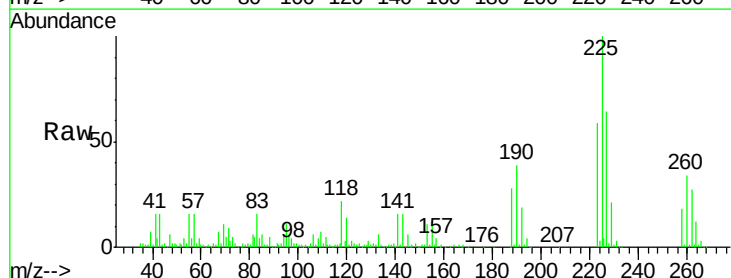


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

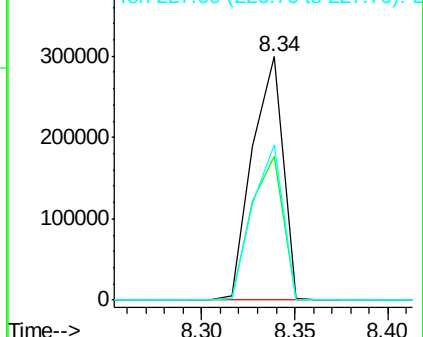
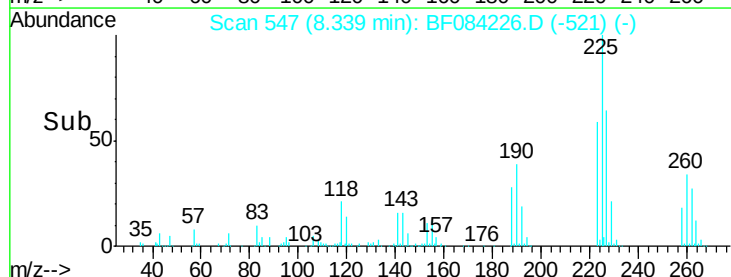


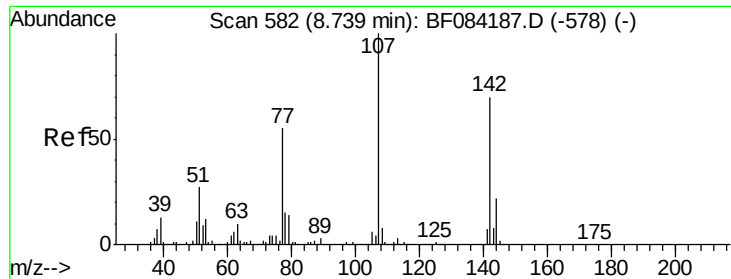
#34
Hexachlorobutadiene
Concen: 38.62 ng
RT: 8.34 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF084226.D
Acq: 1 Jan 2016 5:43

Tgt Ion:	225	Resp:	339101
Ion	Ratio	Lower	Upper
225	100		
223	58.8	49.4	74.0
227	63.6	50.8	76.2



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

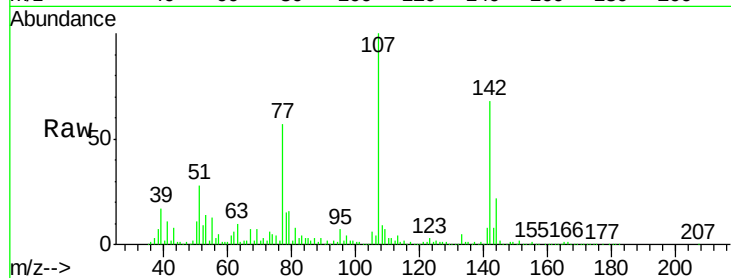




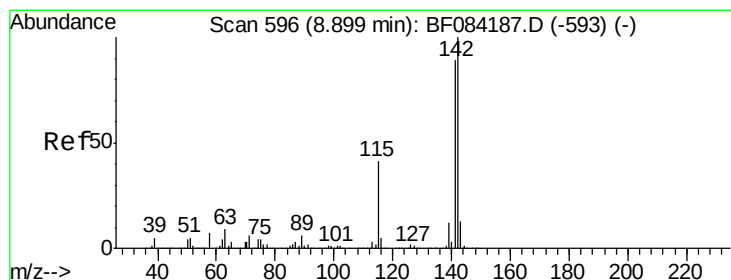
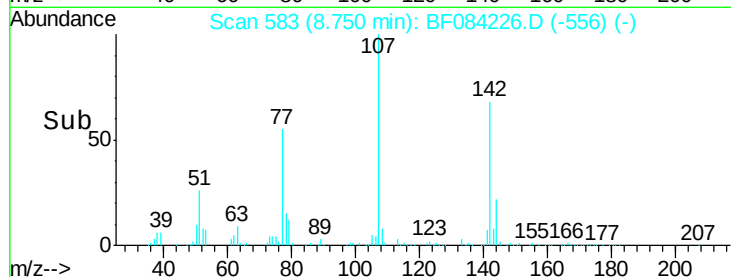
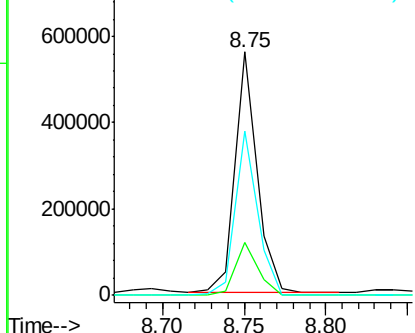
#36
 4-Chloro-3-methylphenol
 Concen: 31.29 ng
 RT: 8.75 min Scan# 583
 Delta R.T. 0.01 min
 Lab File: BF084226.D
 Acq: 1 Jan 2016 5:43

Instrument :
 BNA_F
 ClientSampleId :
 S8-0529MSD

Tgt Ion:107 Resp: 518616
 Ion Ratio Lower Upper
 107 100
 144 21.7 19.7 29.5
 142 67.7 61.8 92.6

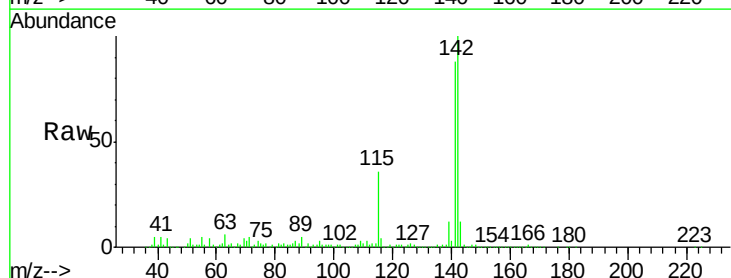


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

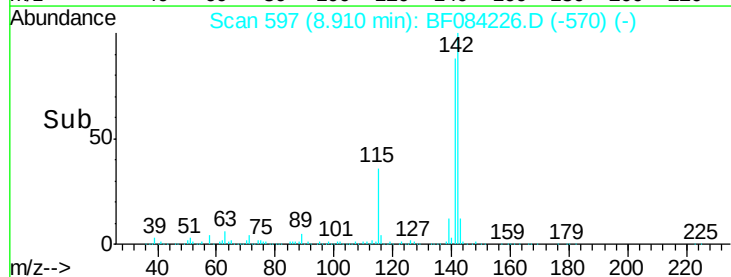
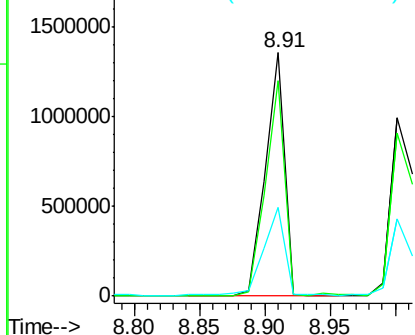


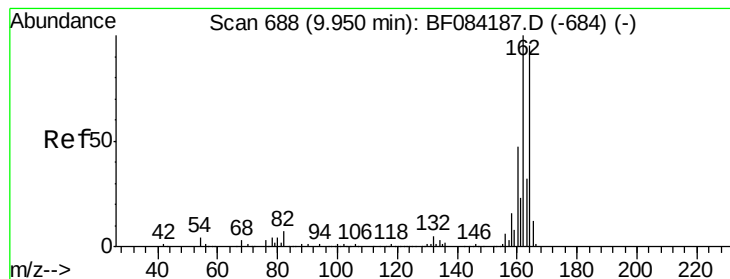
#37
 2-Methylnaphthalene
 Concen: 40.37 ng
 RT: 8.91 min Scan# 597
 Delta R.T. 0.01 min
 Lab File: BF084226.D
 Acq: 1 Jan 2016 5:43

Tgt Ion:142 Resp: 1390977
 Ion Ratio Lower Upper
 142 100
 141 88.4 72.4 108.6
 115 36.4 27.9 41.9



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.95 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF084226.D

Acq: 1 Jan 2016 5:43

Instrument :

BNA_F

ClientSampleId :

S8-0529MSD

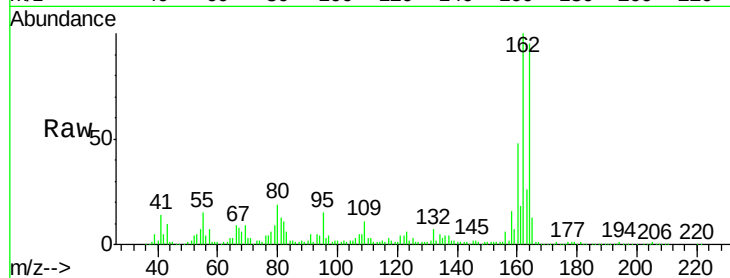
Tgt Ion:164 Resp: 458344

Ion Ratio Lower Upper

164 100

162 105.6 85.1 127.7

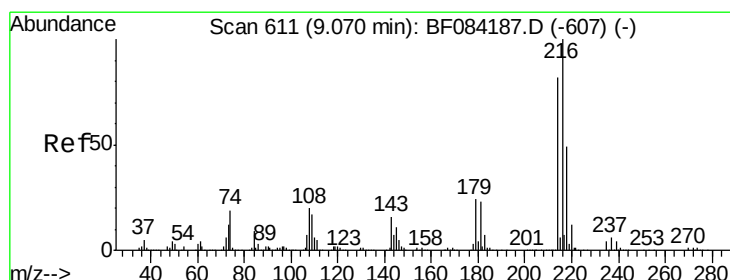
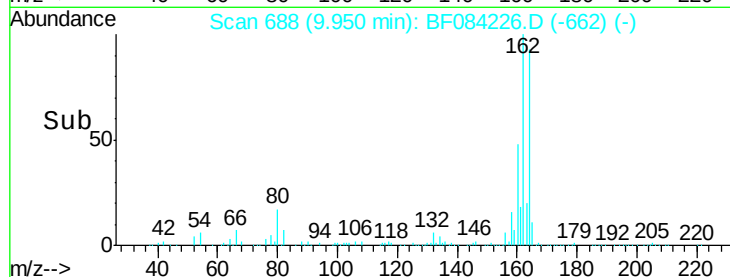
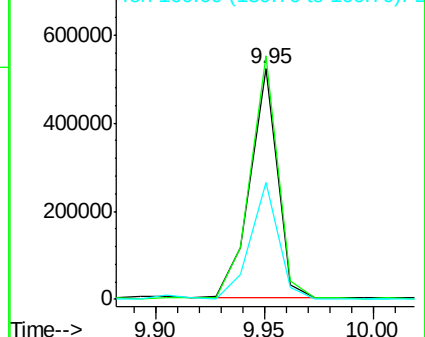
160 50.6 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.04 ng

RT: 9.07 min Scan# 611

Delta R.T. 0.00 min

Lab File: BF084226.D

Acq: 1 Jan 2016 5:43

Tgt Ion:216 Resp: 514471

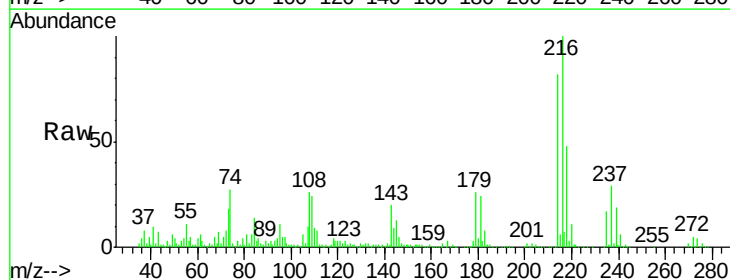
Ion Ratio Lower Upper

216 100

214 80.4 64.2 96.2

179 24.7 18.7 28.1

108 30.5 16.8 25.2#

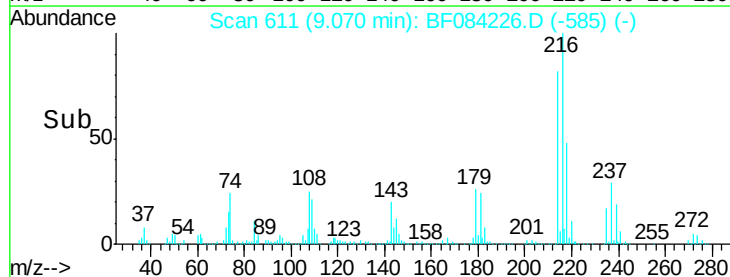
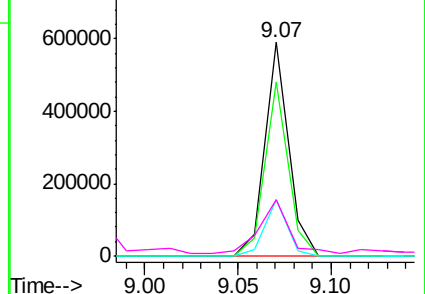


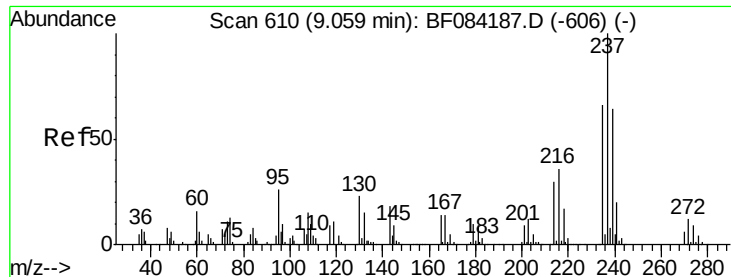
Abundance Ion 216.00 (215.70 to 216.70): E

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

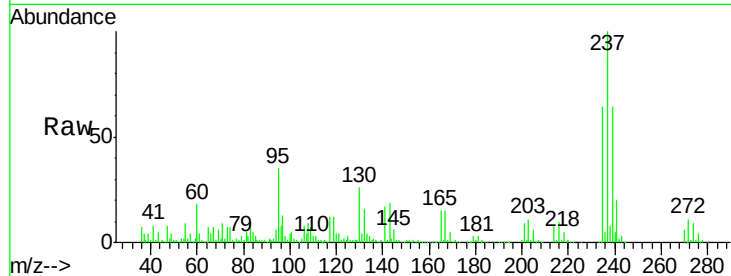




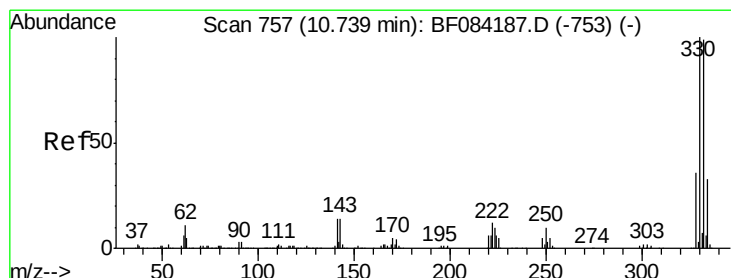
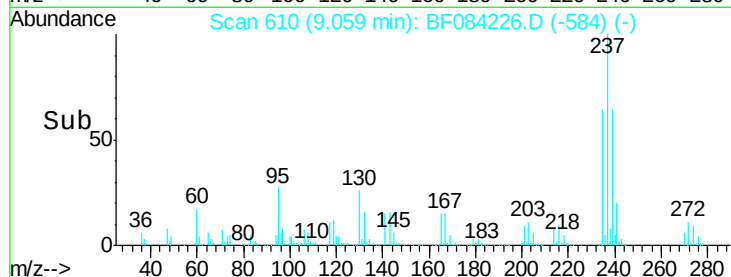
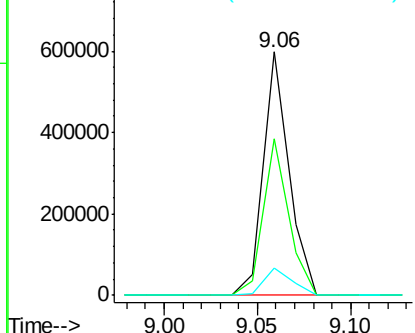
#40
Hexachlorocyclopentadiene
Concen: 70.94 ng
RT: 9.06 min Scan# 610
Delta R.T. 0.00 min
Lab File: BF084226.D
Acq: 1 Jan 2016 5:43

Instrument :
BNA_F
ClientSampleId :
S8-0529MSD

Tgt Ion: 237 Resp: 564312
Ion Ratio Lower Upper
237 100
235 64.5 43.1 83.1
272 11.3 0.0 35.1

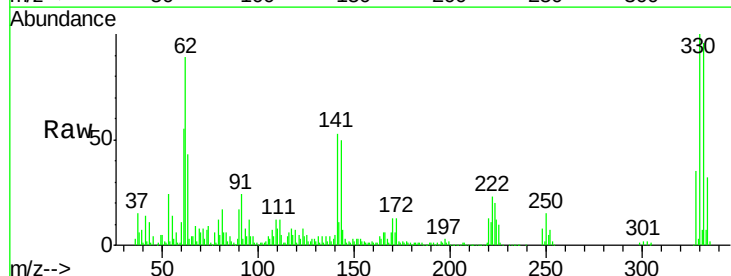


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

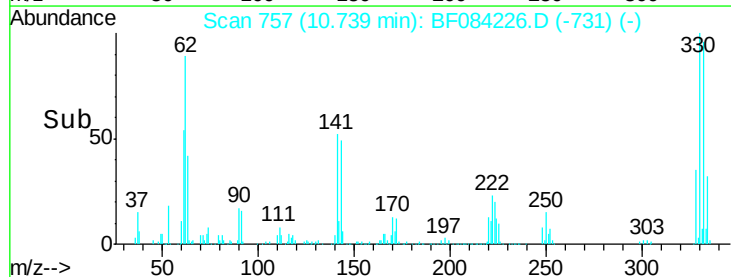
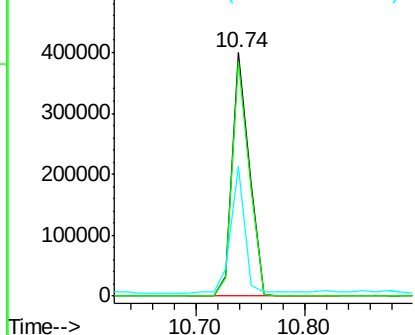


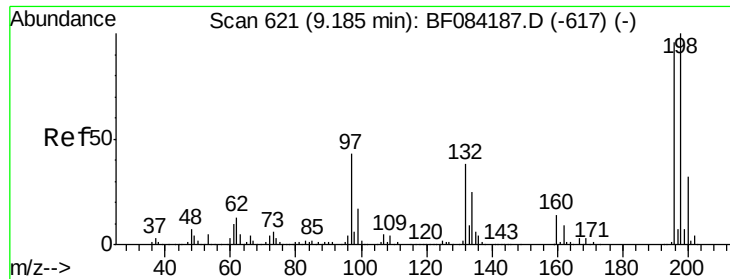
#41
2,4,6-Tribromophenol
Concen: 92.30 ng
RT: 10.74 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF084226.D
Acq: 1 Jan 2016 5:43

Tgt Ion: 330 Resp: 427115
Ion Ratio Lower Upper
330 100
332 96.1 76.6 114.8
141 42.1 27.8 41.6#



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

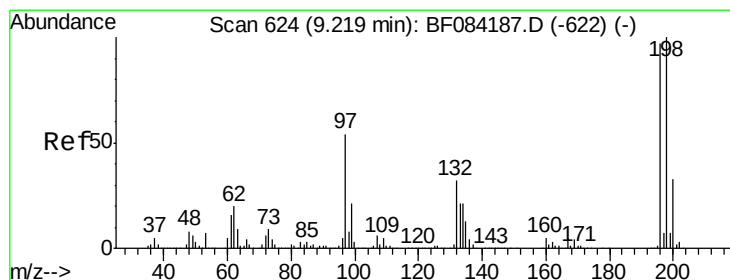
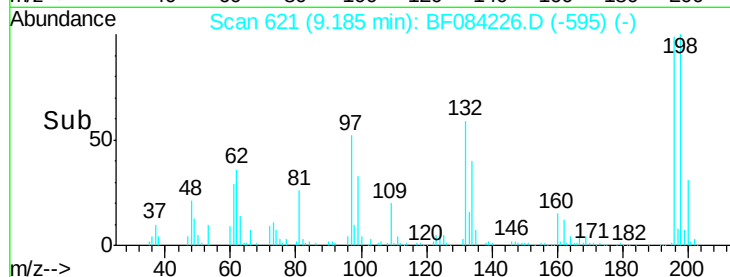
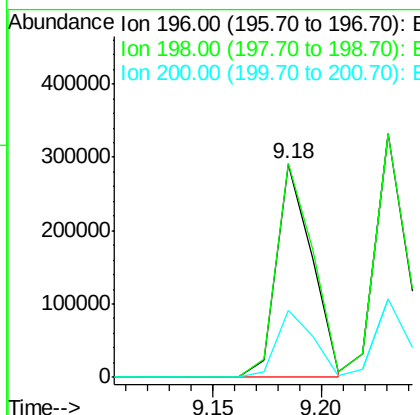
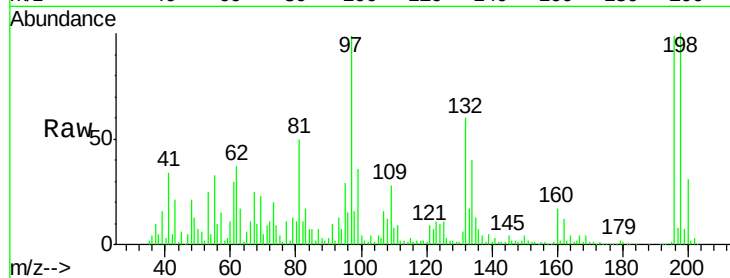




#42
 2,4,6-Trichlorophenol
 Concen: 33.76 ng
 RT: 9.18 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF084226.D
 Acq: 1 Jan 2016 5:43

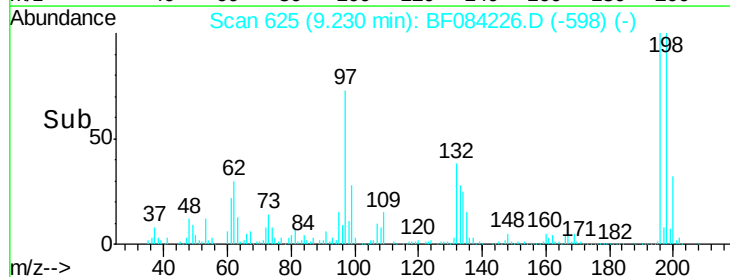
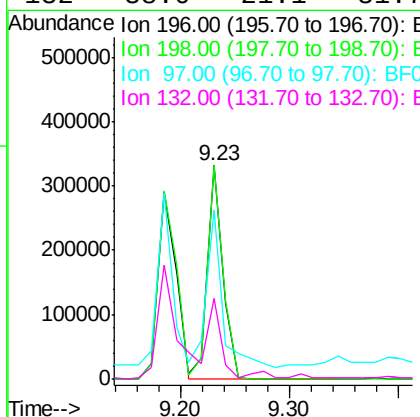
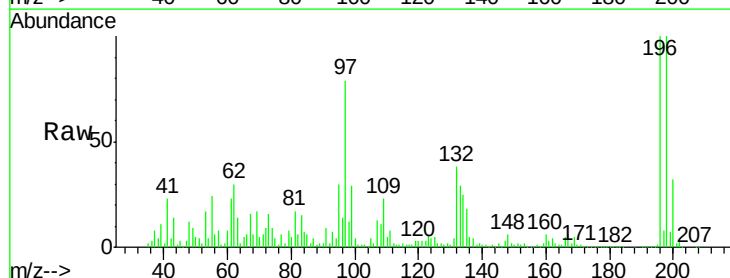
Instrument :
 BNA_F
 ClientSampleId :
 S8-0529MSD

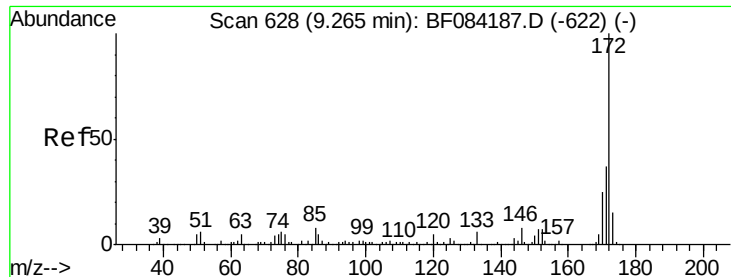
Tgt Ion:196 Resp: 332775
 Ion Ratio Lower Upper
 196 100
 198 100.7 77.7 116.5
 200 31.7 24.6 37.0



#43
 2,4,5-Trichlorophenol
 Concen: 35.31 ng
 RT: 9.23 min Scan# 625
 Delta R.T. 0.01 min
 Lab File: BF084226.D
 Acq: 1 Jan 2016 5:43

Tgt Ion:196 Resp: 333671
 Ion Ratio Lower Upper
 196 100
 198 100.0 79.0 118.6
 97 78.9 33.0 49.6#
 132 38.0 21.1 31.7#

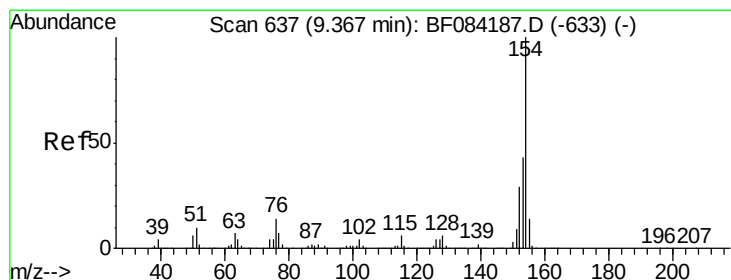
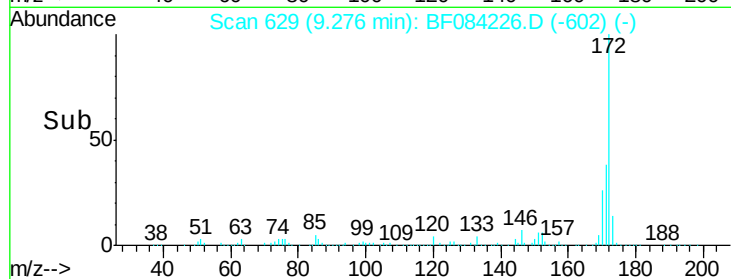
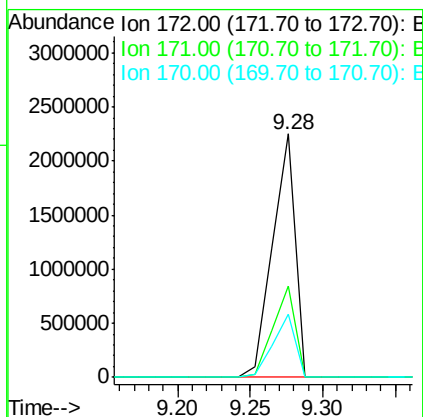
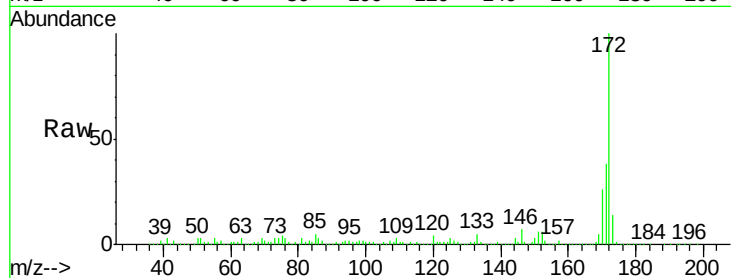




#44
 2-Fluorobiphenyl
 Concen: 94.13 ng
 RT: 9.28 min Scan# 629
 Delta R.T. 0.01 min
 Lab File: BF084226.D
 Acq: 1 Jan 2016 5:43

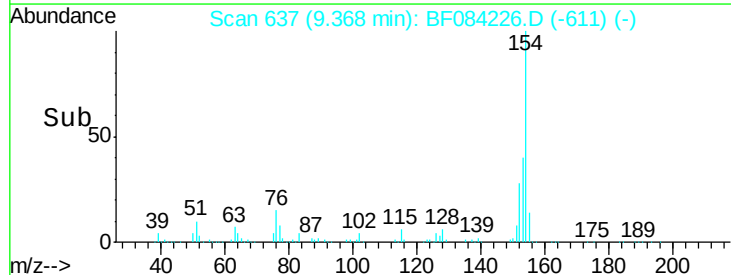
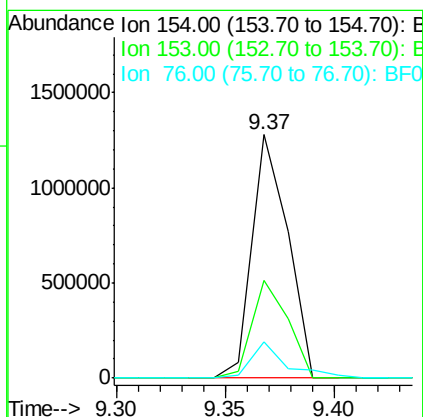
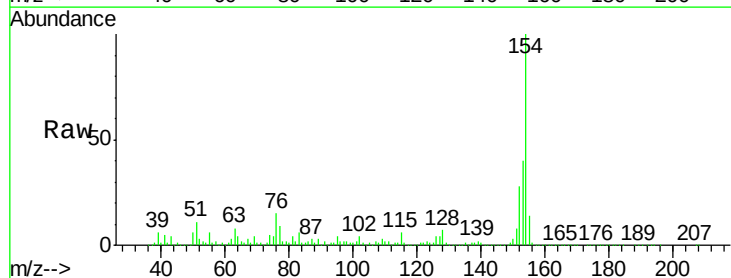
Instrument :
 BNA_F
 ClientSampleId :
 S8-0529MSD

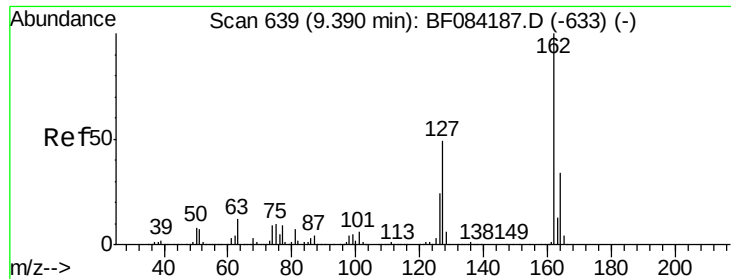
Tgt Ion:172 Resp: 2434810
 Ion Ratio Lower Upper
 172 100
 171 37.7 28.9 43.3
 170 25.9 18.6 27.8



#45
 1,1'-Biphenyl
 Concen: 40.07 ng
 RT: 9.37 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: BF084226.D
 Acq: 1 Jan 2016 5:43

Tgt Ion:154 Resp: 1459636
 Ion Ratio Lower Upper
 154 100
 153 40.3 21.6 61.6
 76 15.0 0.0 32.7

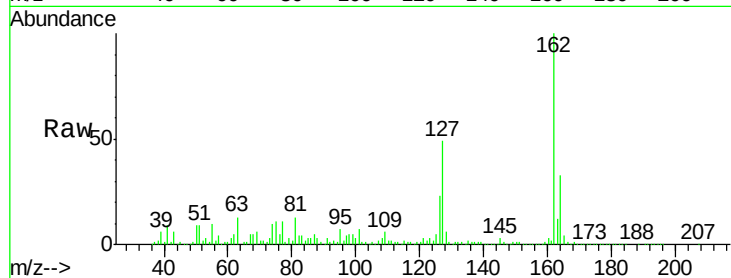




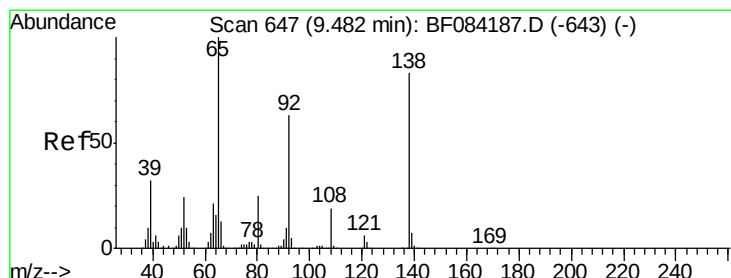
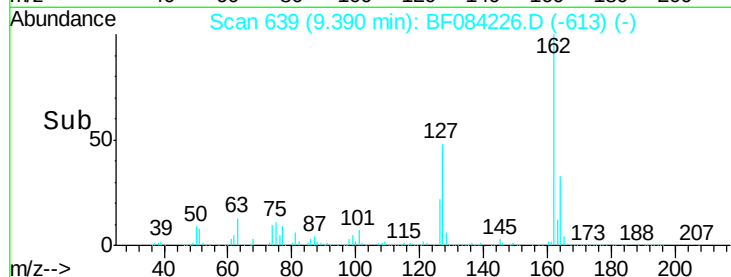
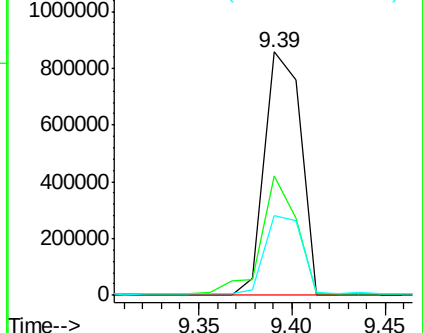
#46
 2-Chloronaphthalene
 Concen: 40.19 ng
 RT: 9.39 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: BF084226.D
 Acq: 1 Jan 2016 5:43

Instrument :
 BNA_F
 ClientSampleId :
 S8-0529MSD

Tgt Ion: 162 Resp: 1149981
 Ion Ratio Lower Upper
 162 100
 127 48.9 40.2 60.4
 164 32.9 25.7 38.5

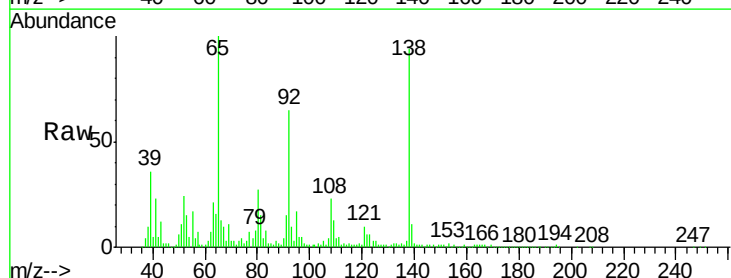


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

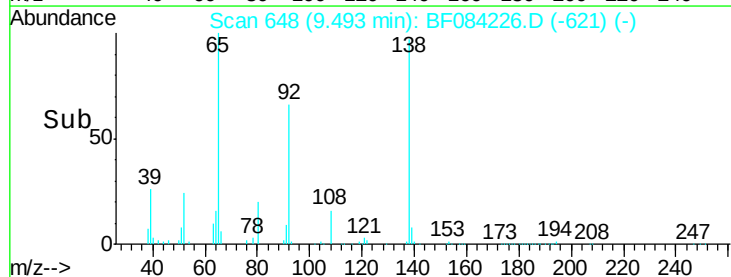
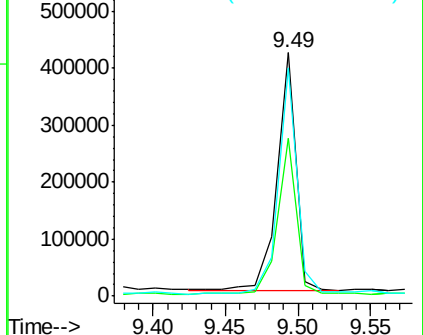


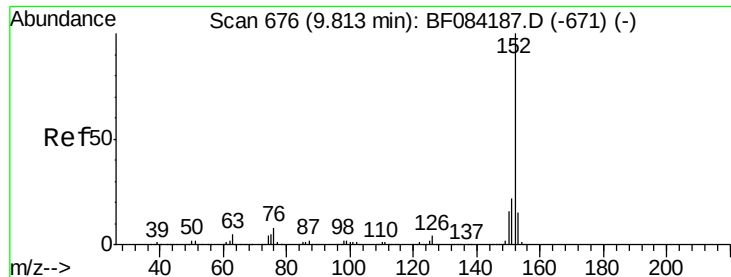
#47
 2-Nitroaniline
 Concen: 39.77 ng
 RT: 9.49 min Scan# 648
 Delta R.T. 0.01 min
 Lab File: BF084226.D
 Acq: 1 Jan 2016 5:43

Tgt Ion: 65 Resp: 375563
 Ion Ratio Lower Upper
 65 100
 92 64.9 53.4 80.2
 138 93.8 71.1 106.7



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





#48

Acenaphthylene

Concen: 41.60 ng

RT: 9.81 min Scan# 676

Delta R.T. 0.00 min

Lab File: BF084226.D

Acq: 1 Jan 2016 5:43

Instrument :

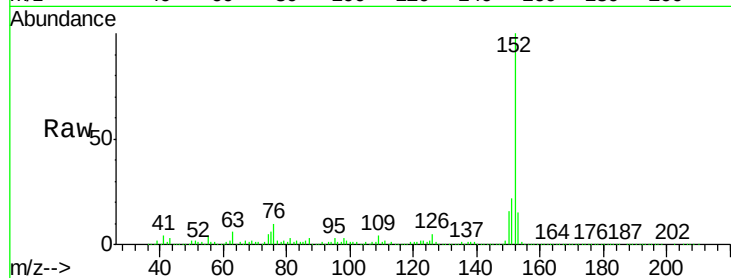
BNA_F

ClientSampleId :

S8-0529MSD

Tgt Ion:152 Resp: 1758657

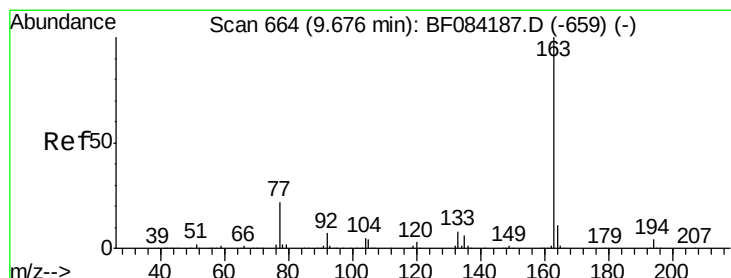
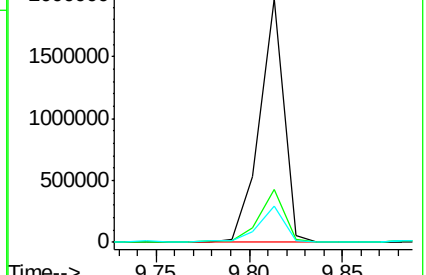
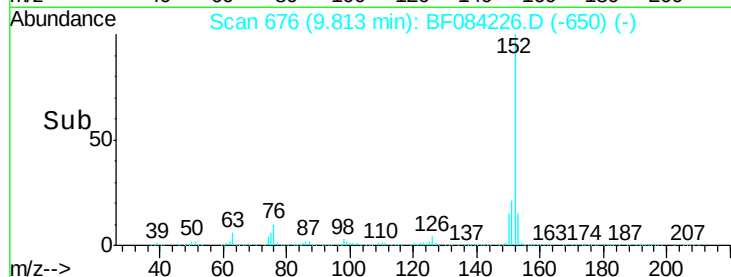
Ion	Ratio	Lower	Upper
152	100		
151	21.6	16.3	24.5
153	15.0	10.4	15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 41.98 ng

RT: 9.68 min Scan# 664

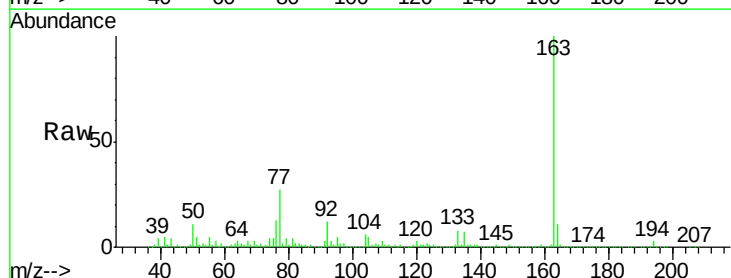
Delta R.T. 0.00 min

Lab File: BF084226.D

Acq: 1 Jan 2016 5:43

Tgt Ion:163 Resp: 1375499

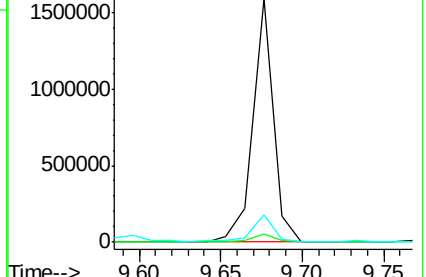
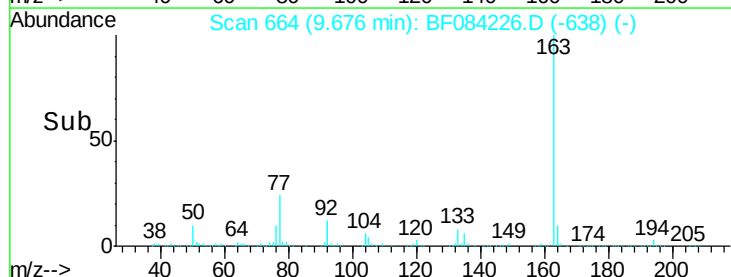
Ion	Ratio	Lower	Upper
163	100		
194	3.2	8.0	12.0#
164	11.3	8.0	12.0

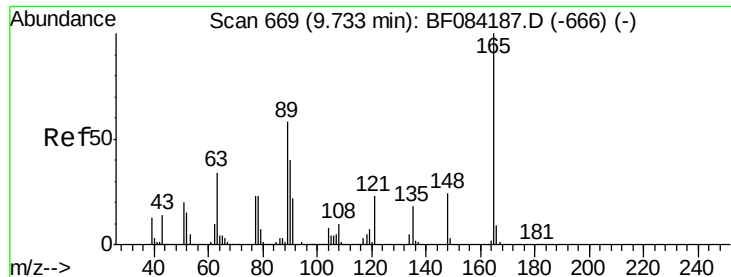


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

2,6-Dinitrotoluene

Concen: 37.91 ng

RT: 9.73 min Scan# 669

Delta R.T. 0.00 min

Lab File: BF084226.D

Acq: 1 Jan 2016 5:43

Instrument :

BNA_F

ClientSampleId :

S8-0529MSD

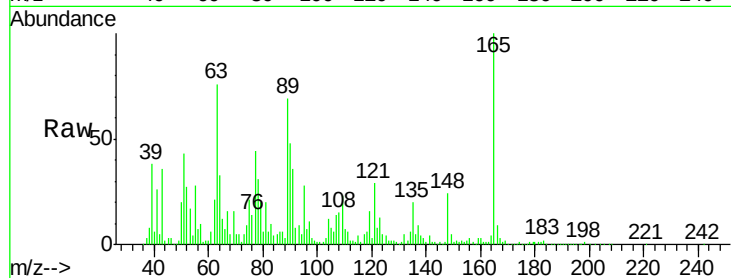
Tgt Ion:165 Resp: 272455

Ion Ratio Lower Upper

165 100

63 75.9 28.8 43.2#

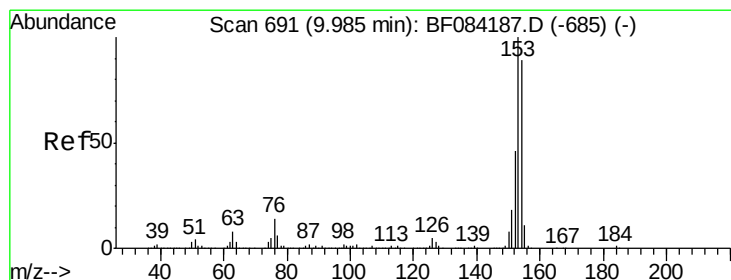
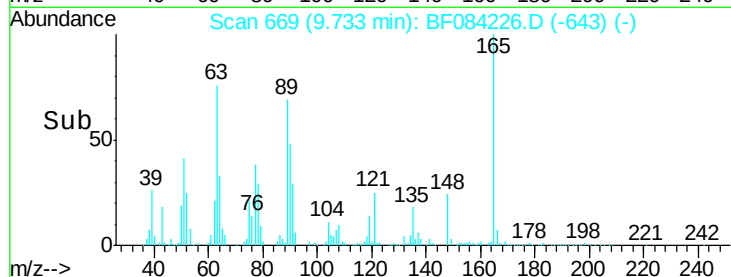
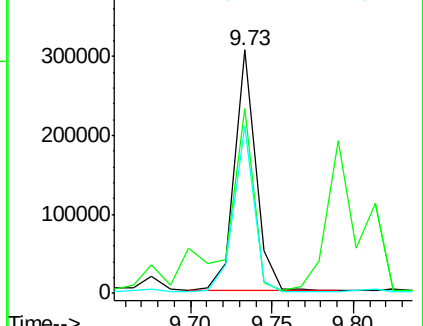
89 68.7 35.1 52.7#



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: 45.62 ng

RT: 9.98 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF084226.D

Acq: 1 Jan 2016 5:43

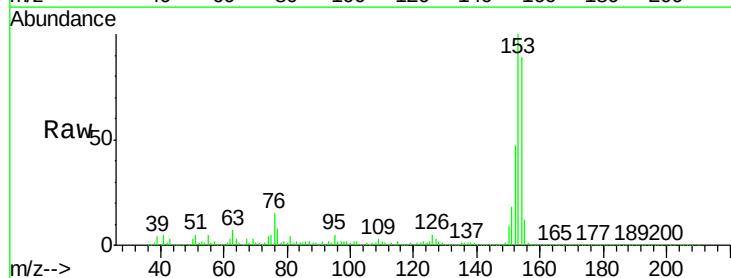
Tgt Ion:154 Resp: 1293716

Ion Ratio Lower Upper

154 100

153 111.8 91.5 137.3

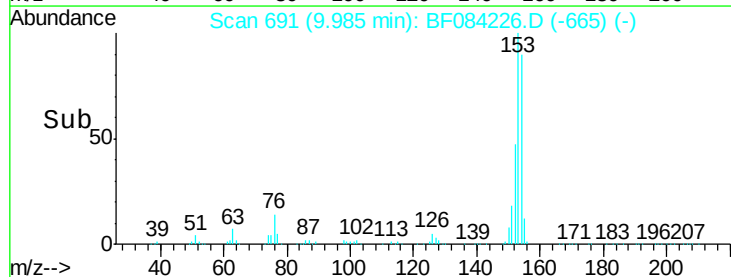
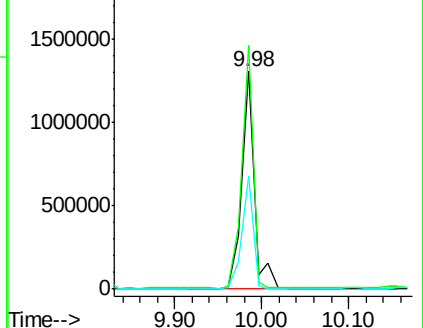
152 52.0 43.0 64.6

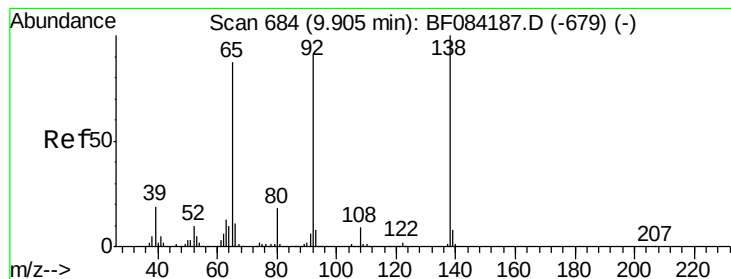


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 8.98 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF084226.D

Acq: 1 Jan 2016 5:43

Instrument :

BNA_F

ClientSampleId :

S8-0529MSD

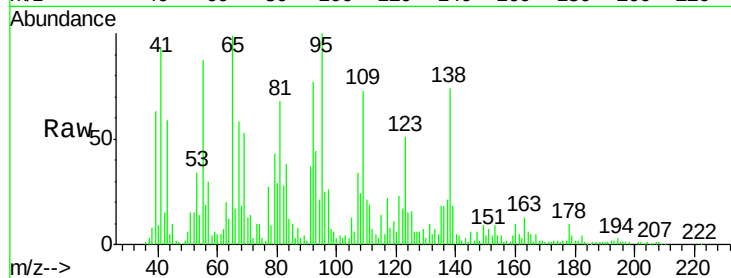
Tgt Ion:138 Resp: 79963

Ion Ratio Lower Upper

138 100

108 32.5 10.5 15.7#

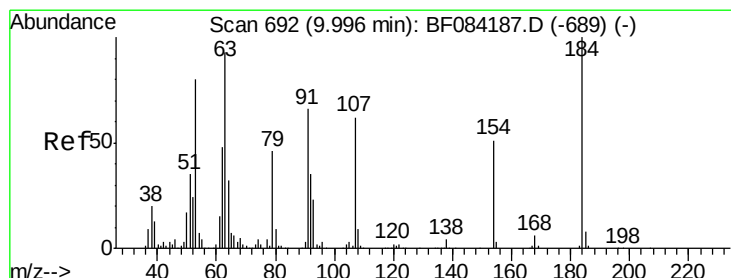
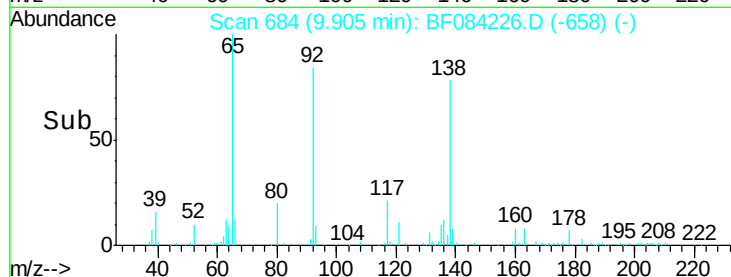
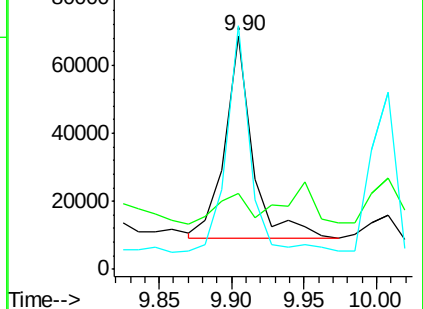
92 104.1 103.9 155.9



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: 70.87 ng

RT: 10.01 min Scan# 693

Delta R.T. 0.01 min

Lab File: BF084226.D

Acq: 1 Jan 2016 5:43

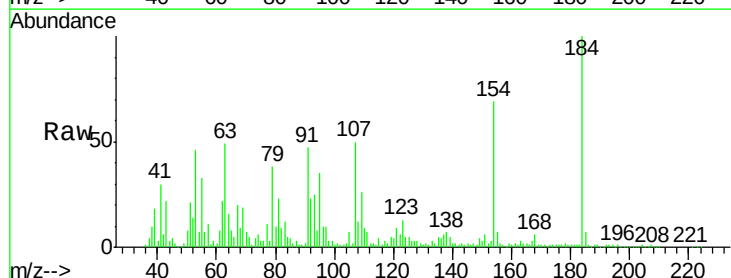
Tgt Ion:184 Resp: 215674

Ion Ratio Lower Upper

184 100

63 49.3 43.1 64.7

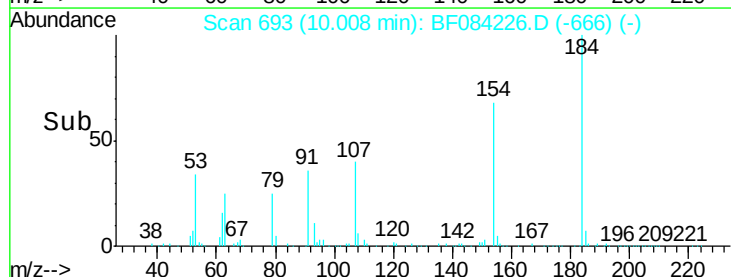
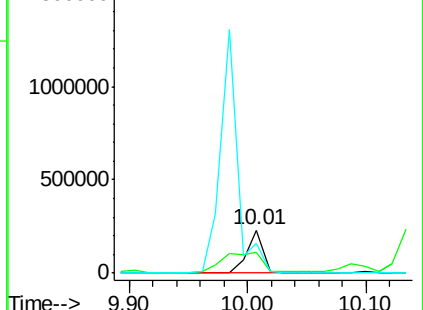
154 69.5 60.5 90.7

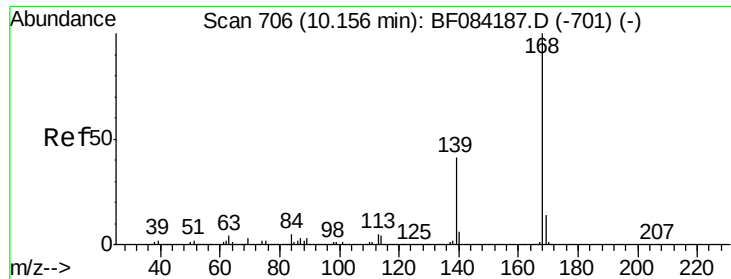


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

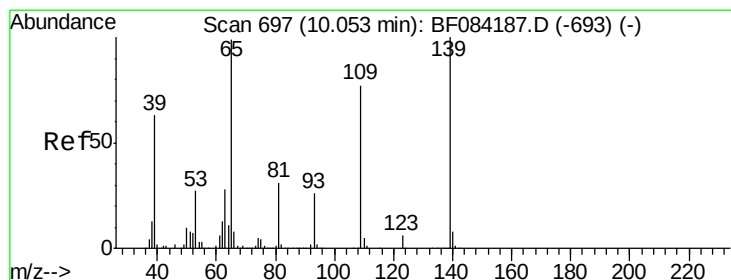
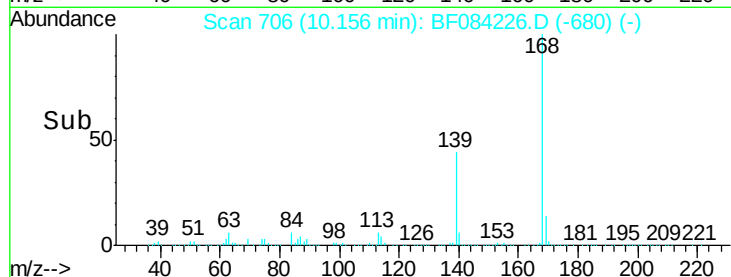
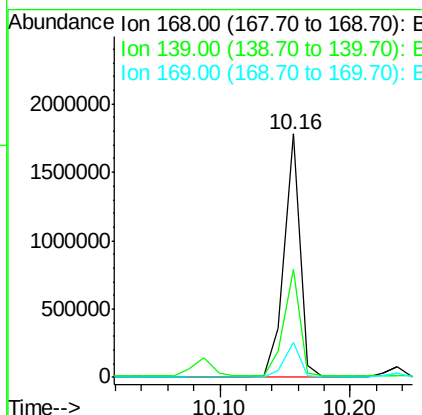
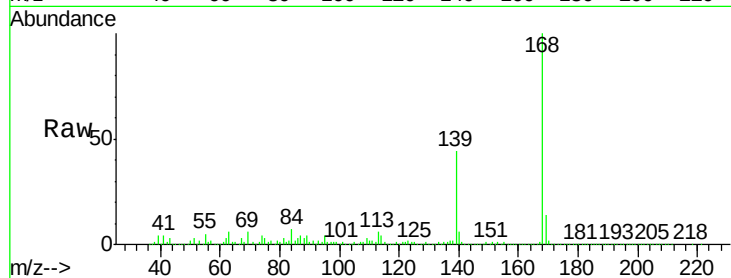




#54
Dibenzenofuran
Concen: 41.61 ng
RT: 10.16 min Scan# 706
Delta R.T. 0.00 min
Lab File: BF084226.D
Acq: 1 Jan 2016 5:43

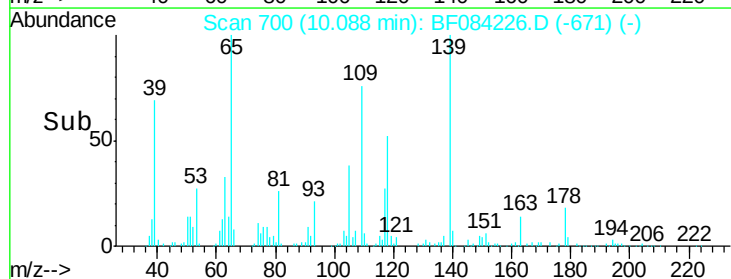
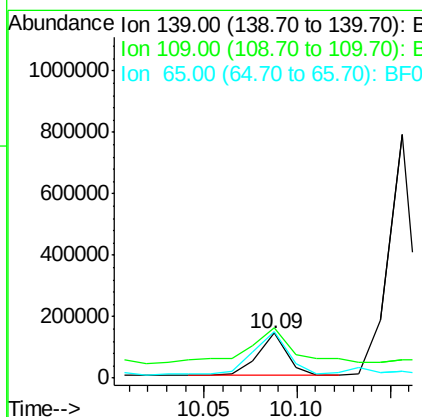
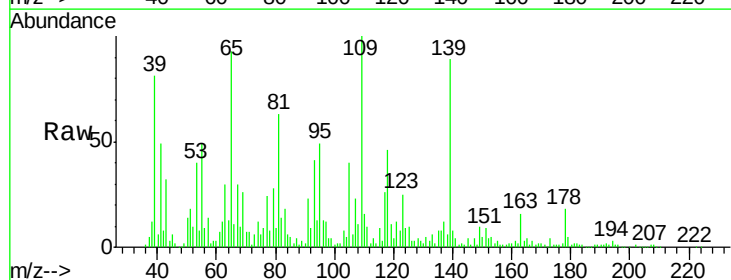
Instrument :
BNA_F
ClientSampleId :
S8-0529MSD

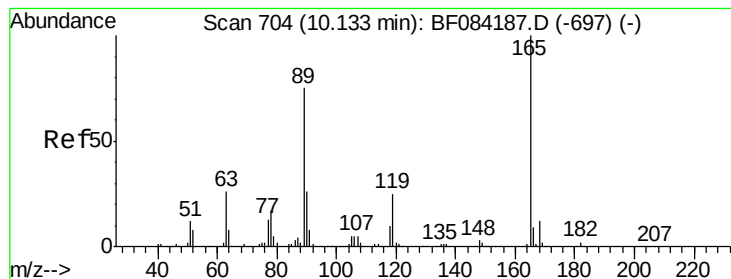
Tgt Ion:168 Resp: 1536387
Ion Ratio Lower Upper
168 100
139 44.5 30.5 45.7
169 14.3 10.4 15.6



#55
4-Nitrophenol
Concen: 23.58 ng
RT: 10.09 min Scan# 700
Delta R.T. 0.03 min
Lab File: BF084226.D
Acq: 1 Jan 2016 5:43

Tgt Ion:139 Resp: 152444
Ion Ratio Lower Upper
139 100
109 111.8 58.5 98.5#
65 103.5 57.6 97.6#





#56

2,4-Dinitrotoluene

Concen: 41.39 ng

RT: 10.13 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF084226.D

Acq: 1 Jan 2016 5:43

Instrument :

BNA_F

ClientSampleId :

S8-0529MSD

Tgt Ion:165 Resp: 376463

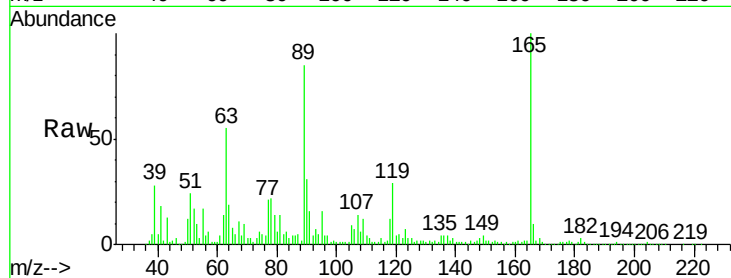
Ion Ratio Lower Upper

165 100

63 55.0 36.7 55.1

89 85.1 61.9 92.9

182 3.1 2.0 3.0#

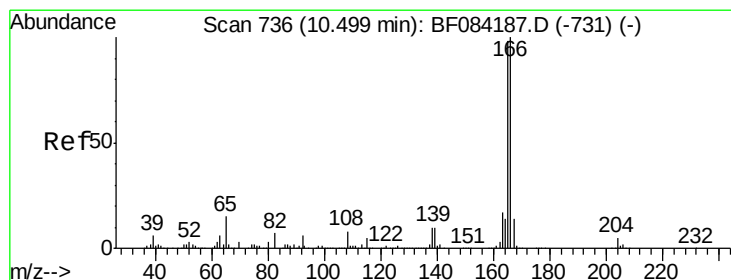
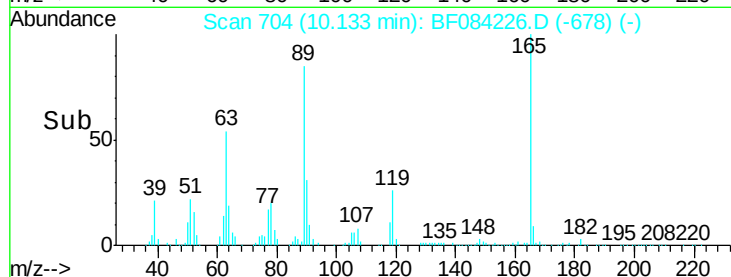
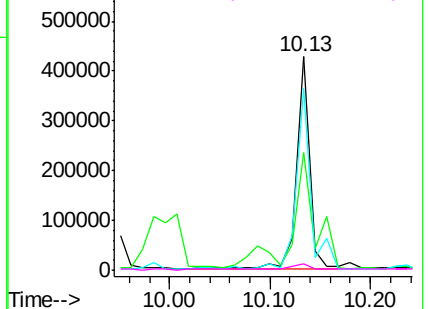


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 41.59 ng

RT: 10.50 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF084226.D

Acq: 1 Jan 2016 5:43

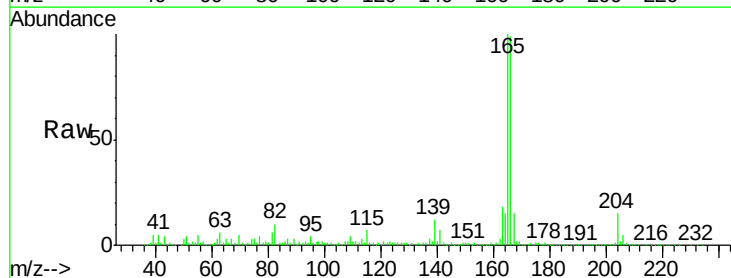
Tgt Ion:166 Resp: 1186134

Ion Ratio Lower Upper

166 100

165 100.6 79.1 118.7

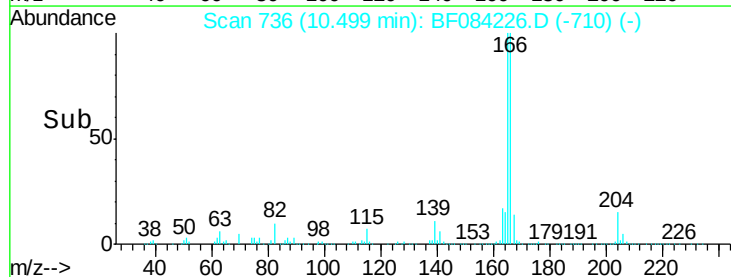
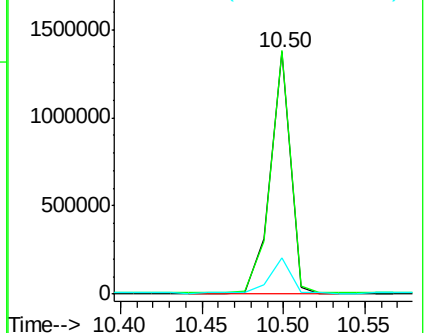
167 14.9 10.4 15.6

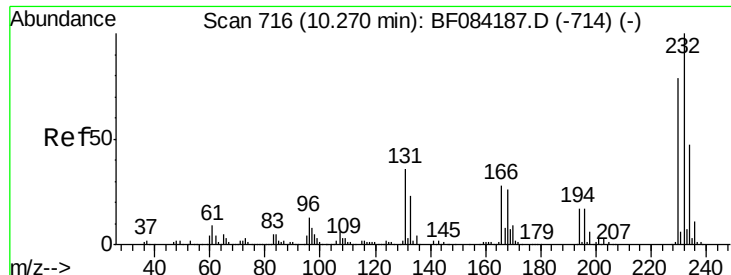


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

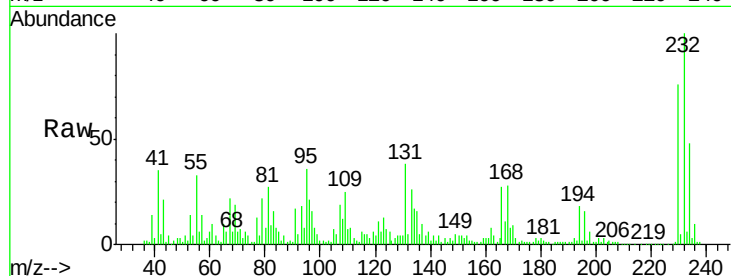




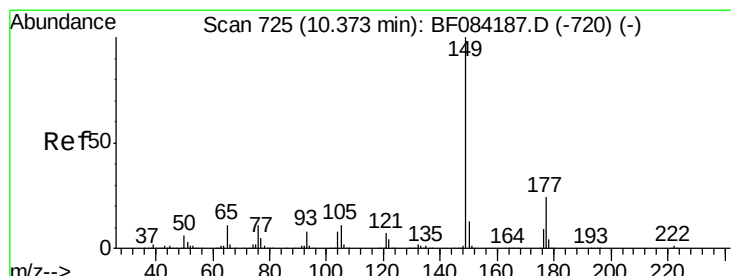
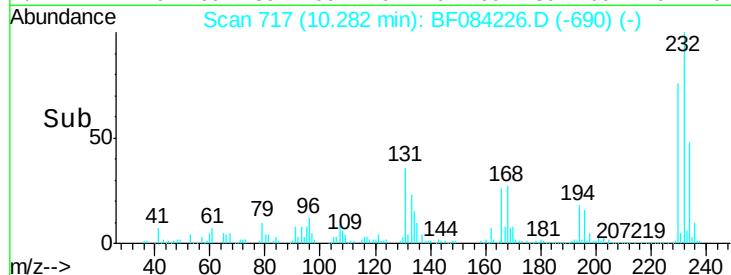
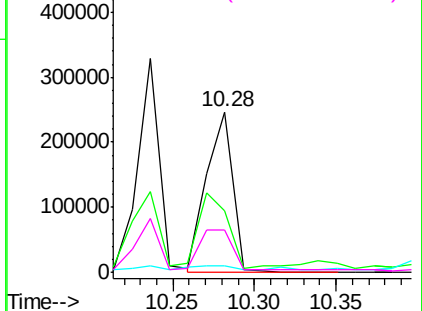
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 34.40 ng
 RT: 10.28 min Scan# 717
 Delta R.T. 0.01 min
 Lab File: BF084226.D
 Acq: 1 Jan 2016 5:43

Instrument :
 BNA_F
 ClientSampleId :
 S8-0529MSD

Tgt Ion:232 Resp: 277531
 Ion Ratio Lower Upper
 232 100
 131 52.7 47.0 70.6
 130 4.6 2.0 3.0#
 166 33.2 30.5 45.7

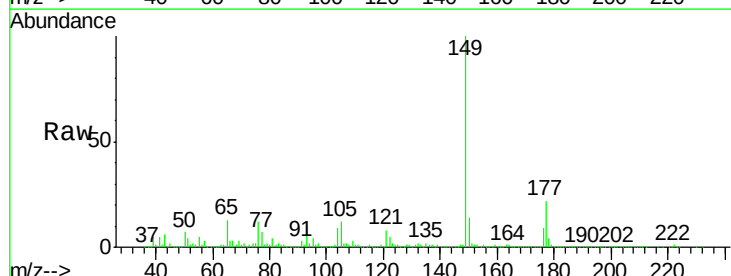


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

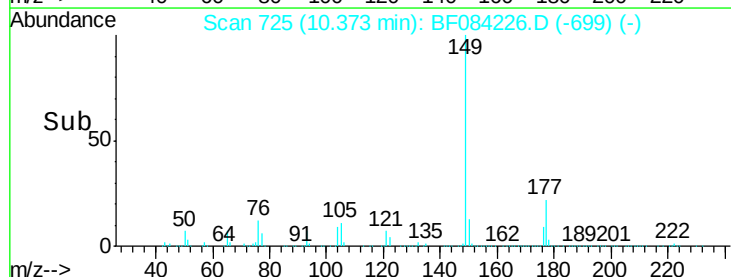
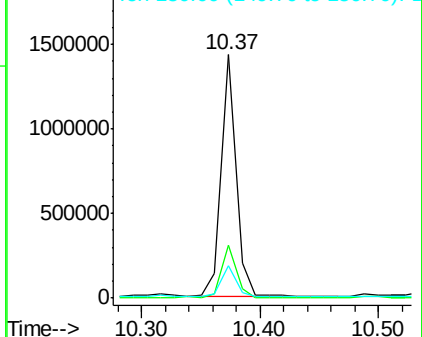


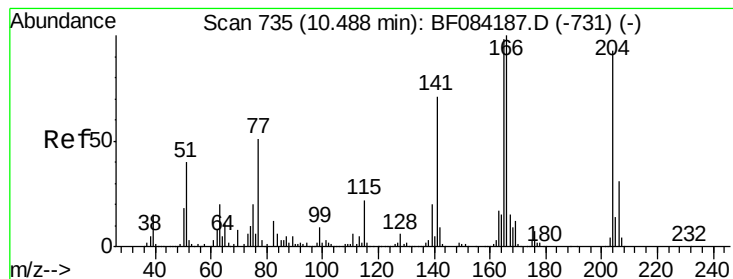
#59
 Diethylphthalate
 Concen: 37.72 ng
 RT: 10.37 min Scan# 725
 Delta R.T. 0.00 min
 Lab File: BF084226.D
 Acq: 1 Jan 2016 5:43

Tgt Ion:149 Resp: 1218483
 Ion Ratio Lower Upper
 149 100
 177 21.6 17.3 25.9
 150 13.5 9.8 14.8



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: 42.71 ng

RT: 10.49 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF084226.D

Acq: 1 Jan 2016 5:43

Instrument :

BNA_F

ClientSampleId :

S8-0529MSD

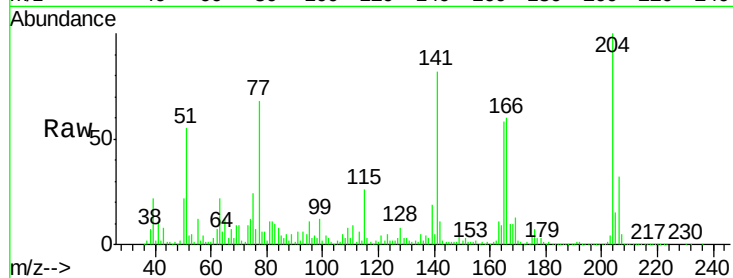
Tgt Ion:204 Resp: 516617

Ion Ratio Lower Upper

204 100

206 32.5 25.7 38.5

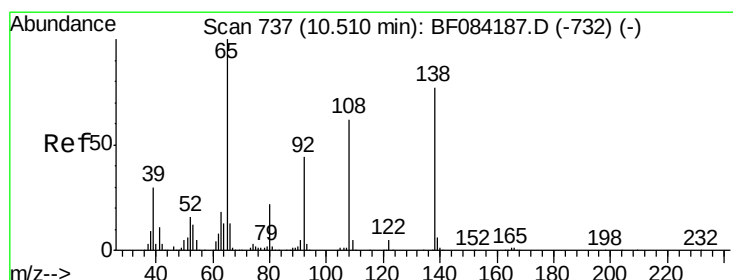
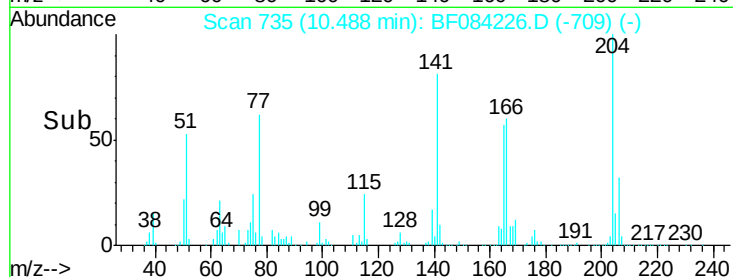
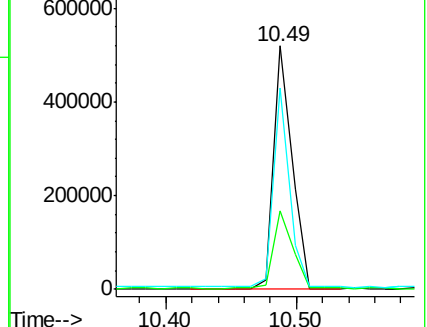
141 82.5 55.1 82.7



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: 17.08 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF084226.D

Acq: 1 Jan 2016 5:43

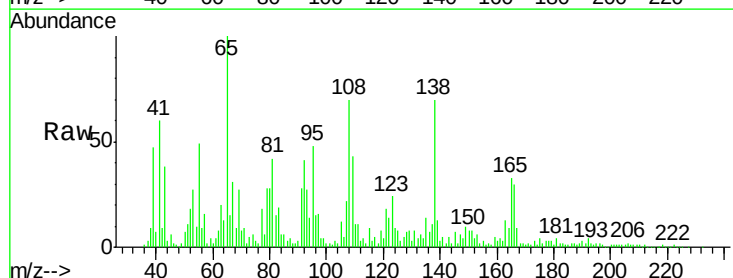
Tgt Ion:138 Resp: 135595

Ion Ratio Lower Upper

138 100

92 59.1 32.6 72.6

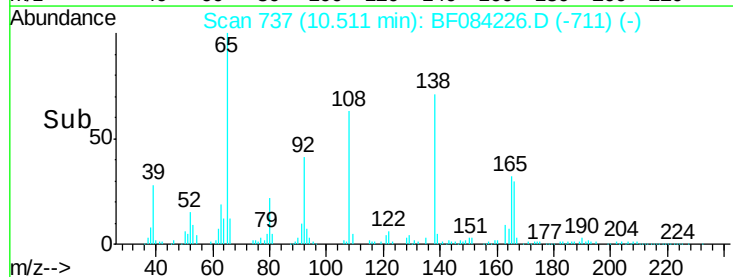
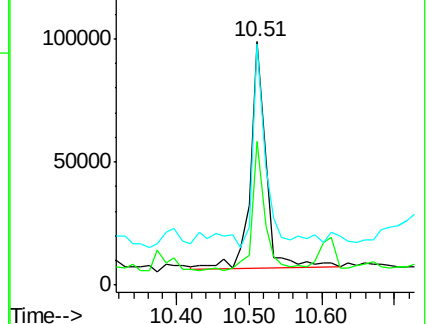
108 99.0 68.6 108.6

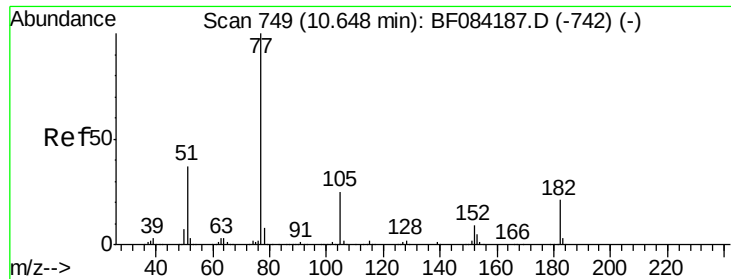


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 37.66 ng

RT: 10.65 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF084226.D

Acq: 1 Jan 2016 5:43

Instrument :

BNA_F

ClientSampleId :

S8-0529MSD

Tgt Ion: 77 Resp: 1334299

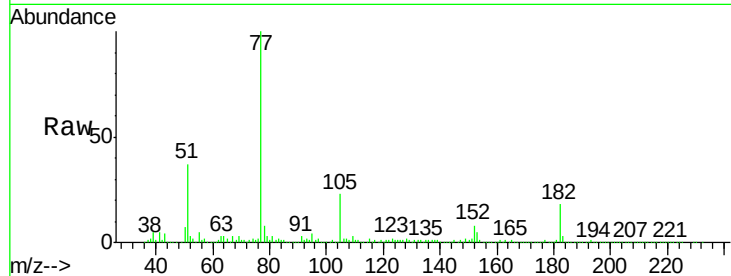
Ion	Ratio	Lower	Upper
77	100		
182	18.2	8.3	48.3
105	23.5	4.6	44.6
51	36.7	6.2	46.2

77 100

182 18.2 8.3 48.3

105 23.5 4.6 44.6

51 36.7 6.2 46.2

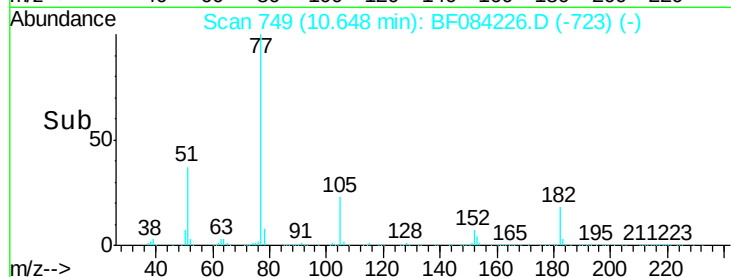


Abundance Ion 77.00 (76.70 to 77.70): BF0

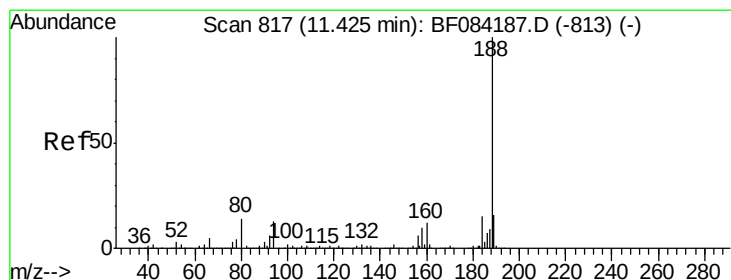
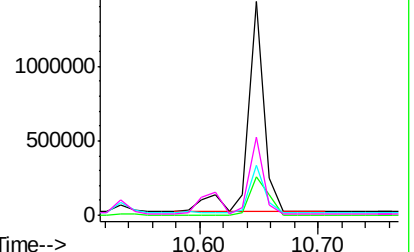
Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.44 min Scan# 818

Delta R.T. 0.01 min

Lab File: BF084226.D

Acq: 1 Jan 2016 5:43

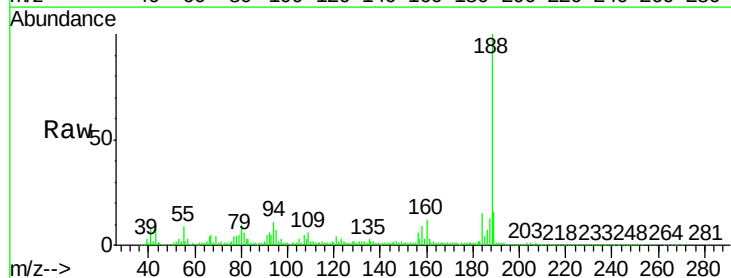
Tgt Ion: 188 Resp: 676114

Ion	Ratio	Lower	Upper
188	100		
94	10.8	9.0	13.4
80	9.7	9.6	14.4

188 100

94 10.8 9.0 13.4

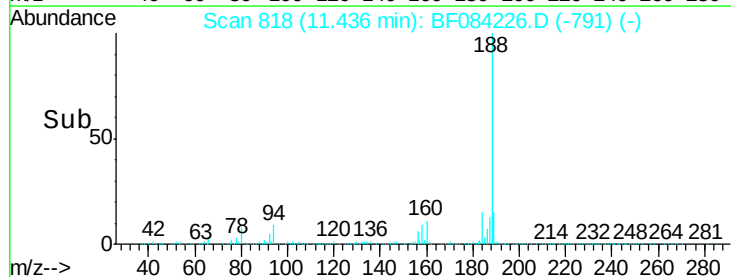
80 9.7 9.6 14.4



Abundance Ion 188.00 (187.70 to 188.70): E

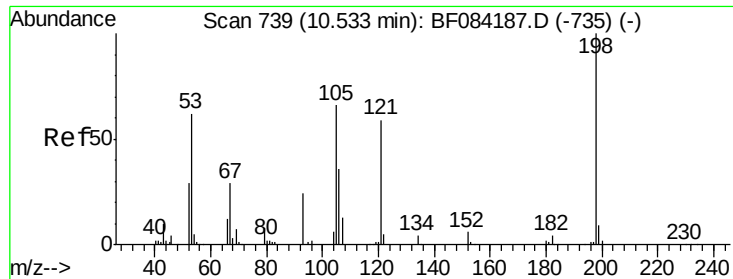
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->





#64

4,6-Dinitro-2-methylphenol

Concen: 32.14 ng

RT: 10.53 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF084226.D

Acq: 1 Jan 2016 5:43

Instrument :

BNA_F

ClientSampleId :

S8-0529MSD

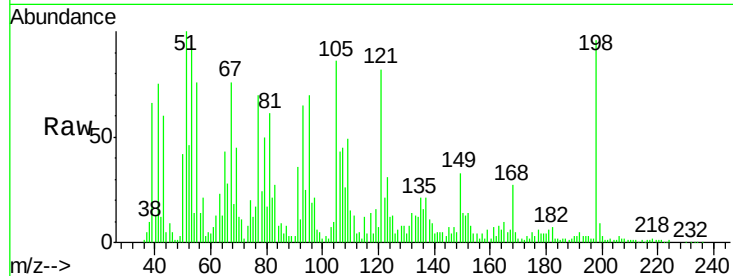
Tgt Ion:198 Resp: 131396

Ion Ratio Lower Upper

198 100

51 104.0 18.9 58.9#

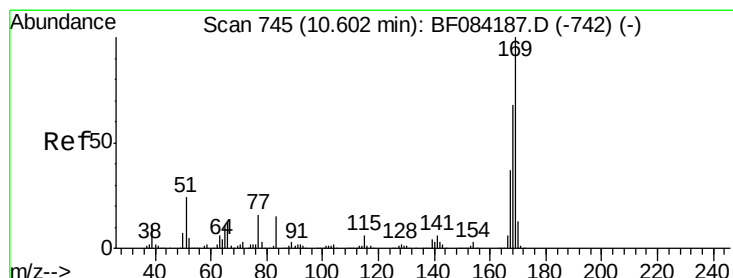
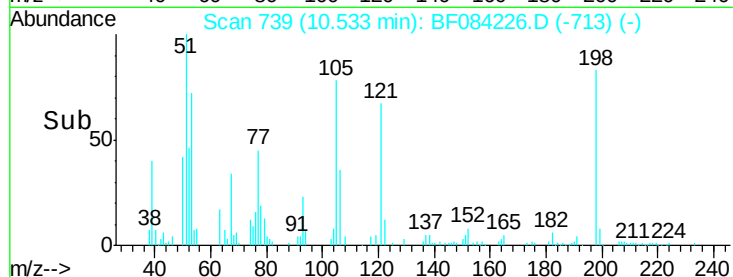
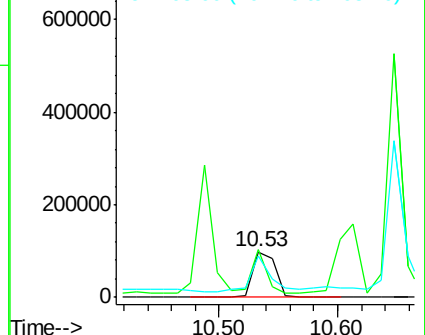
105 89.8 26.4 66.4#



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: 48.22 ng

RT: 10.61 min Scan# 746

Delta R.T. 0.01 min

Lab File: BF084226.D

Acq: 1 Jan 2016 5:43

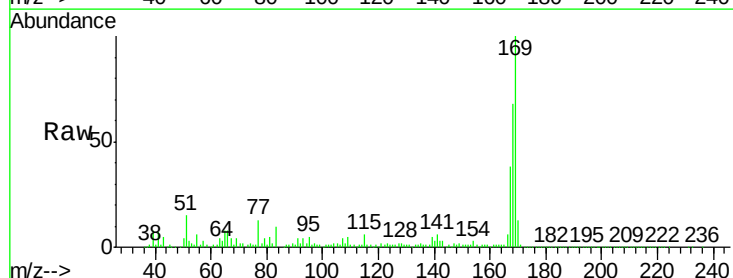
Tgt Ion:169 Resp: 1042406

Ion Ratio Lower Upper

169 100

168 68.3 55.1 82.7

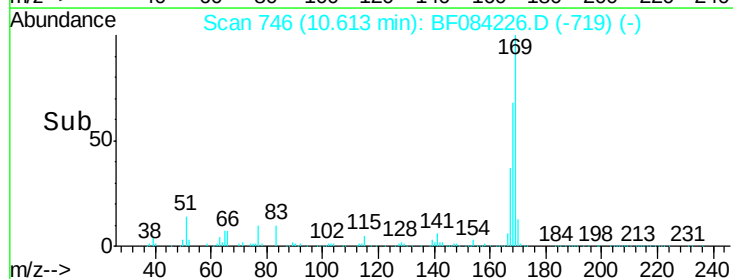
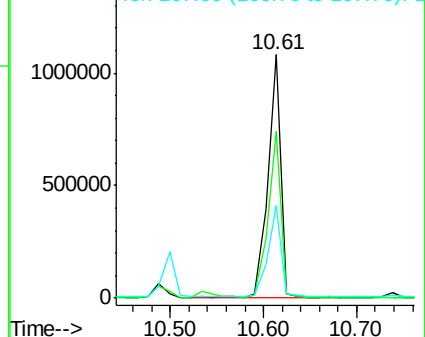
167 37.9 30.0 45.0

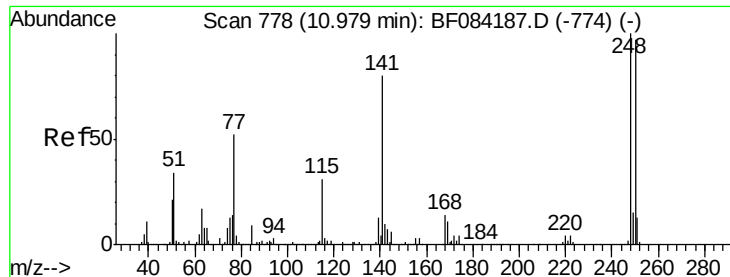


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#66

4-Bromophenyl-phenylether

Concen: 44.38 ng

RT: 10.98 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF084226.D

Acq: 1 Jan 2016 5:43

Instrument :

BNA_F

ClientSampleId :

S8-0529MSD

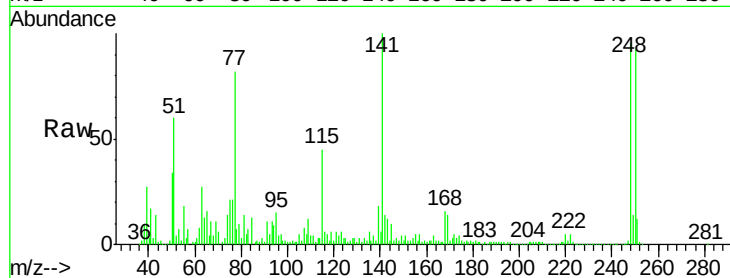
Tgt Ion:248 Resp: 322929

Ion Ratio Lower Upper

248 100

250 96.2 78.4 117.6

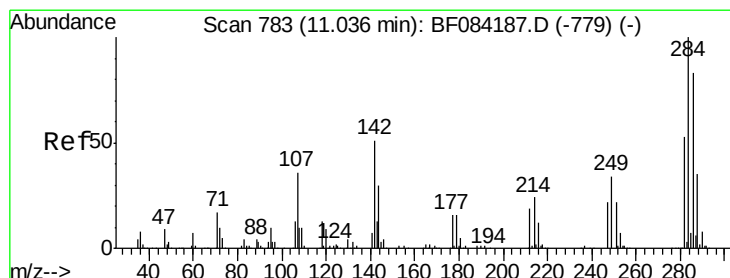
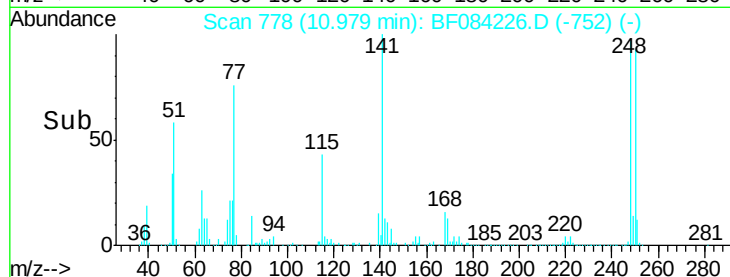
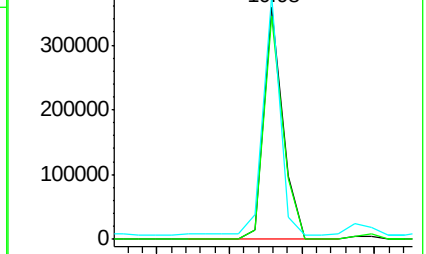
141 105.0 44.0 66.0#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#67

Hexachlorobenzene

Concen: 47.43 ng

RT: 11.05 min Scan# 784

Delta R.T. 0.01 min

Lab File: BF084226.D

Acq: 1 Jan 2016 5:43

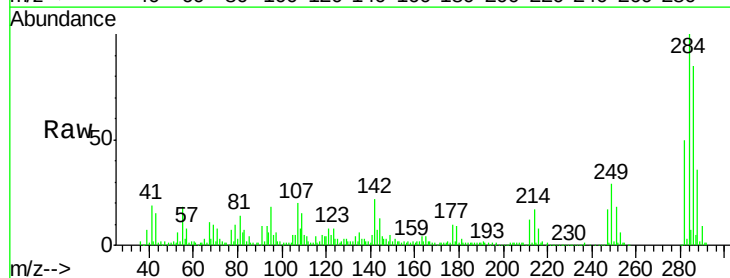
Tgt Ion:284 Resp: 388485

Ion Ratio Lower Upper

284 100

142 22.3 22.2 33.4

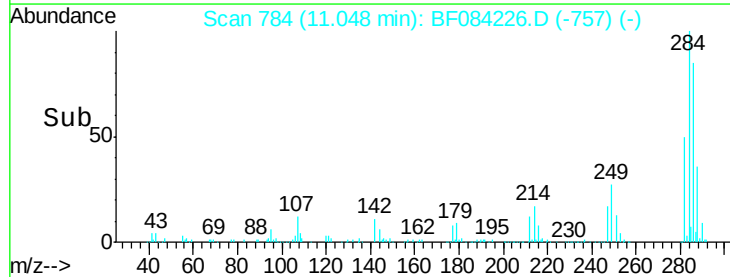
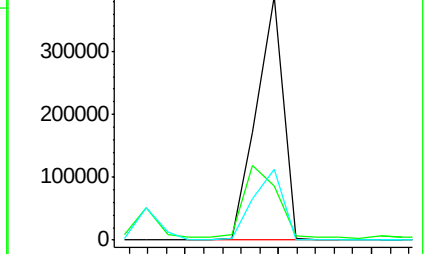
249 29.0 24.6 37.0

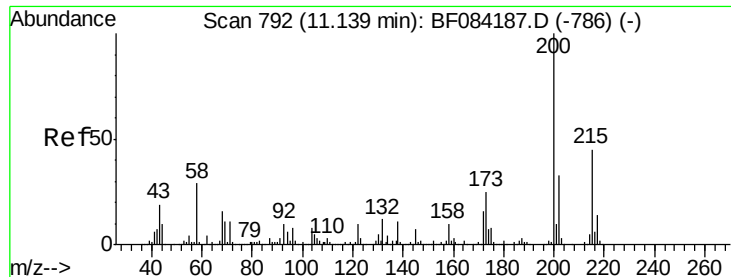


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#68

Atrazine

Concen: 28.63 ng

RT: 11.17 min Scan# 795

Delta R.T. 0.03 min

Lab File: BF084226.D

Acq: 1 Jan 2016 5:43

Instrument :

BNA_F

ClientSampleId :

S8-0529MSD

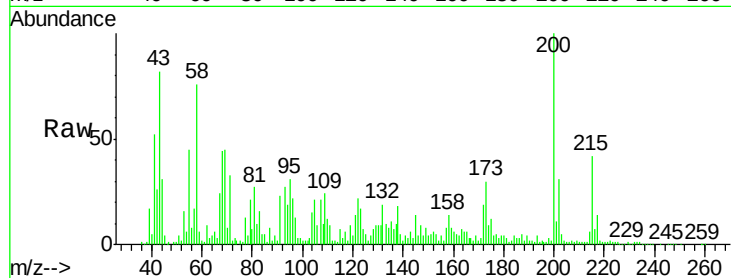
Tgt Ion:200 Resp: 202511

Ion Ratio Lower Upper

200 100

173 30.2 9.5 49.5

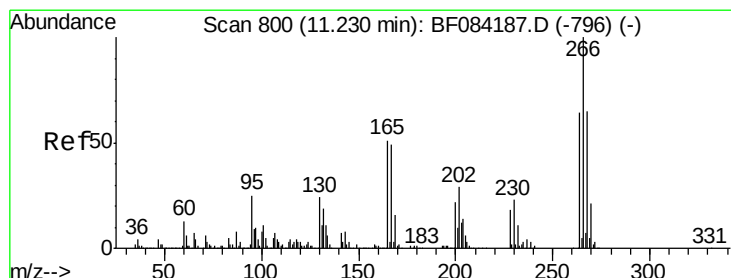
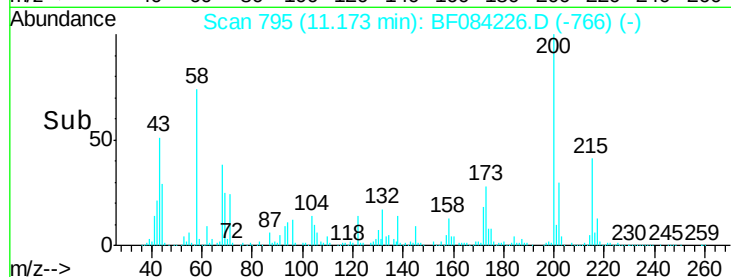
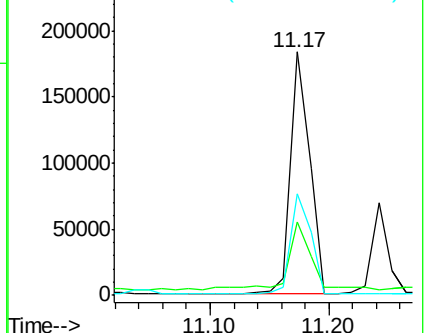
215 41.5 23.8 63.8



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: 73.99 ng

RT: 11.24 min Scan# 801

Delta R.T. 0.01 min

Lab File: BF084226.D

Acq: 1 Jan 2016 5:43

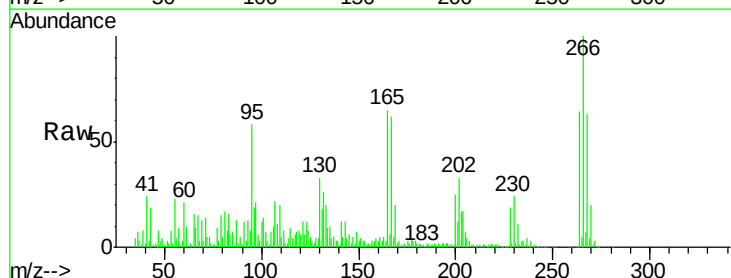
Tgt Ion:266 Resp: 314229

Ion Ratio Lower Upper

266 100

268 63.2 52.4 78.6

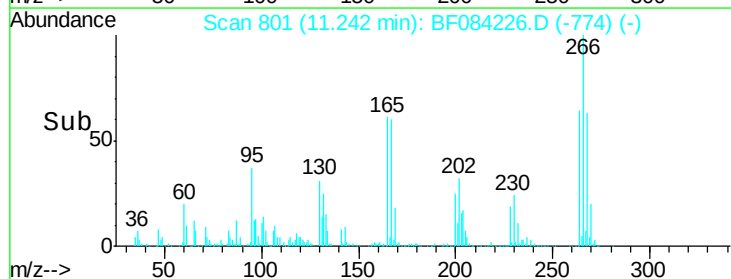
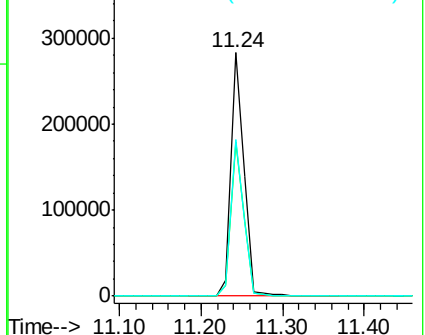
264 64.4 50.2 75.2

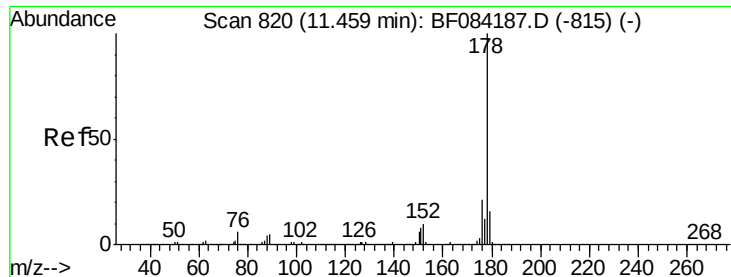


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

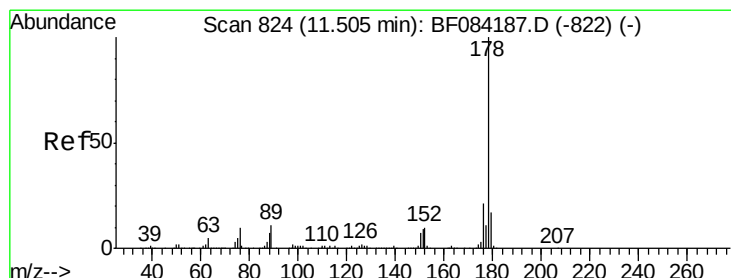
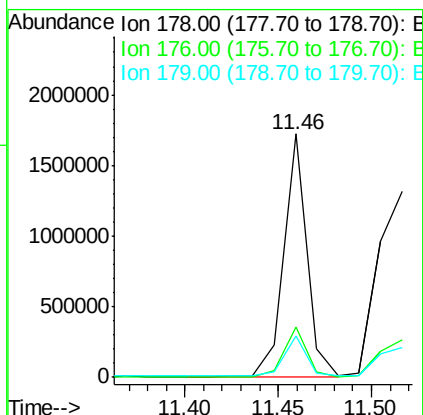
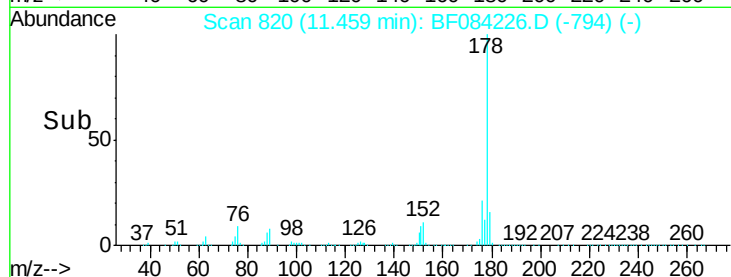
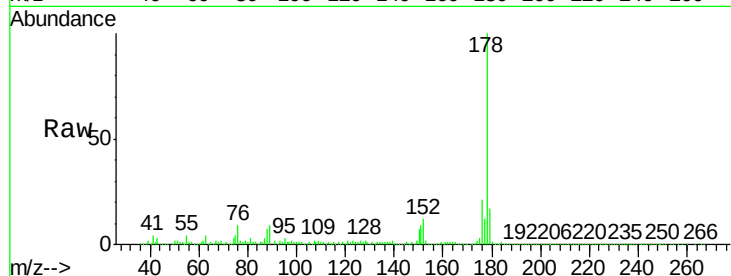




#70
Phenanthrene
Concen: 41.67 ng
RT: 11.46 min Scan# 820
Delta R.T. 0.00 min
Lab File: BF084226.D
Acq: 1 Jan 2016 5:43

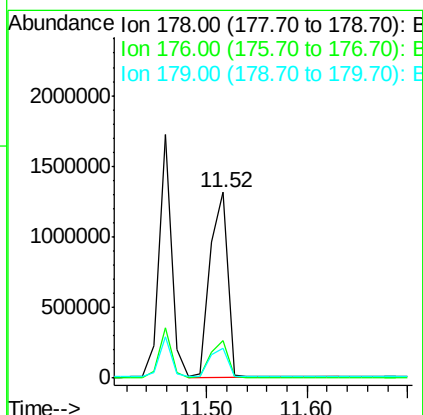
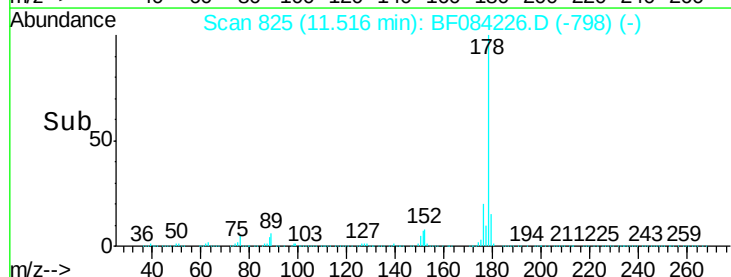
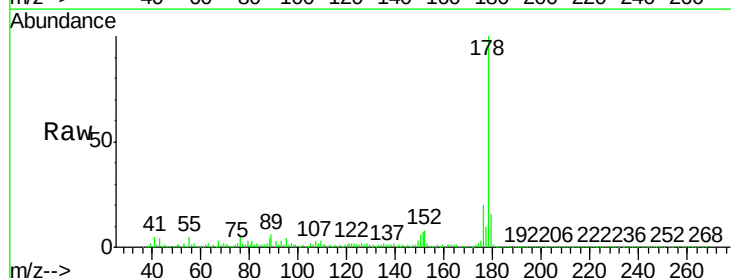
Instrument :
BNA_F
ClientSampleId :
S8-0529MSD

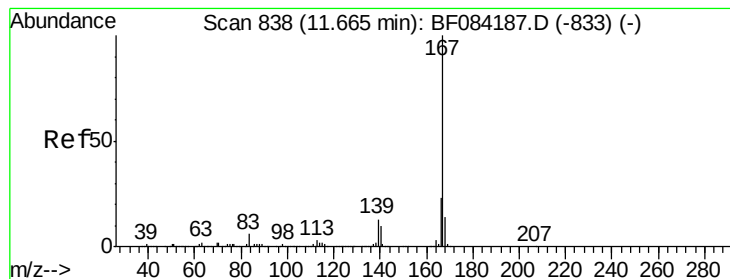
Tgt Ion:178 Resp: 1473618
Ion Ratio Lower Upper
178 100
176 20.8 15.3 22.9
179 16.8 12.0 18.0



#71
Anthracene
Concen: 45.77 ng
RT: 11.52 min Scan# 825
Delta R.T. 0.01 min
Lab File: BF084226.D
Acq: 1 Jan 2016 5:43

Tgt Ion:178 Resp: 1586687
Ion Ratio Lower Upper
178 100
176 20.0 15.4 23.0
179 16.0 12.5 18.7





#72

Carbazole

Concen: 36.46 ng

RT: 11.68 min Scan# 839

Delta R.T. 0.01 min

Lab File: BF084226.D

Acq: 1 Jan 2016 5:43

Instrument :

BNA_F

ClientSampleId :

S8-0529MSD

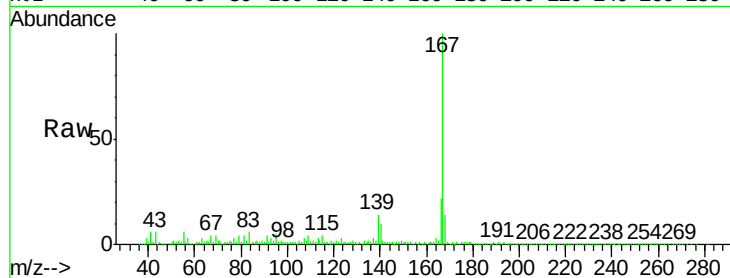
Tgt Ion:167 Resp: 1235819

Ion Ratio Lower Upper

167 100

166 22.5 17.6 26.4

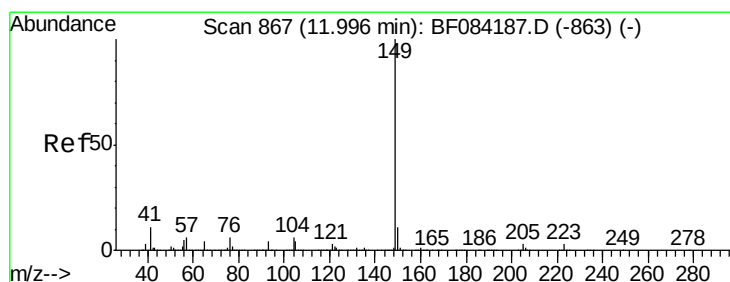
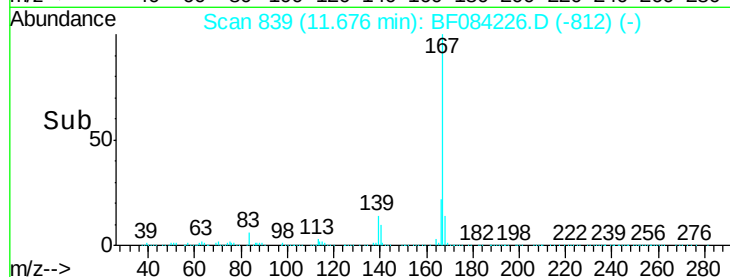
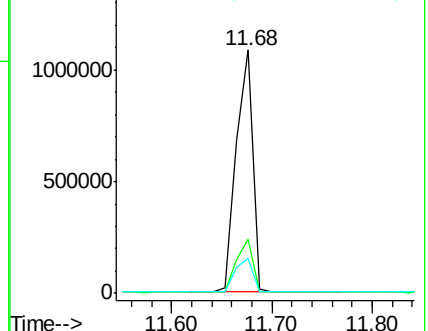
139 14.1 11.8 17.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 48.72 ng

RT: 12.01 min Scan# 868

Delta R.T. 0.01 min

Lab File: BF084226.D

Acq: 1 Jan 2016 5:43

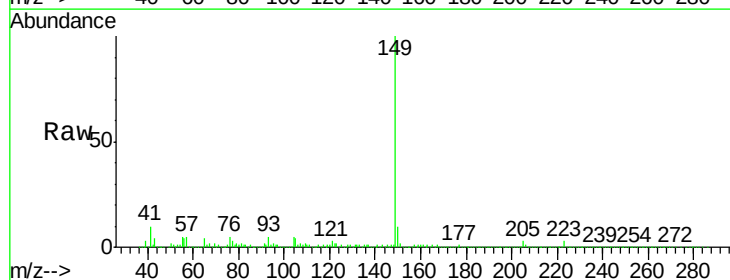
Tgt Ion:149 Resp: 1718756

Ion Ratio Lower Upper

149 100

150 9.9 7.1 10.7

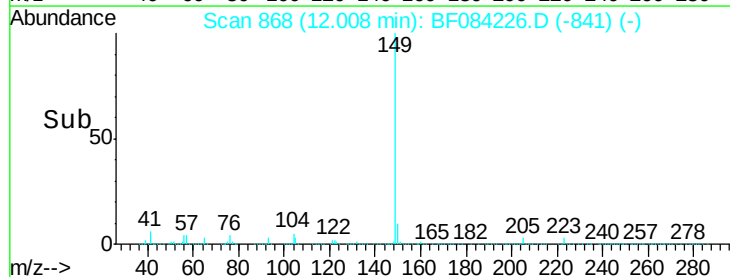
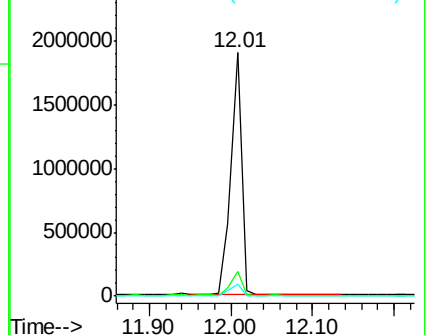
104 5.1 3.2 4.8#

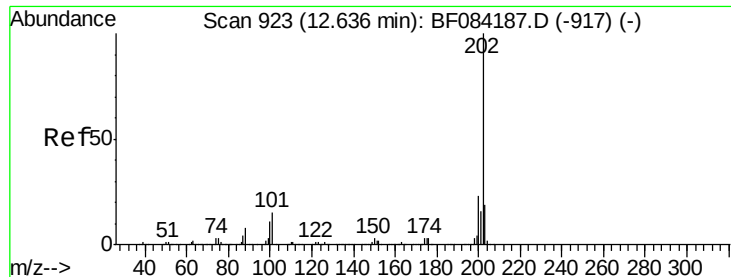


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 35.24 ng

RT: 12.65 min Scan# 924

Delta R.T. 0.01 min

Lab File: BF084226.D

Acq: 1 Jan 2016 5:43

Instrument :

BNA_F

ClientSampleId :

S8-0529MSD

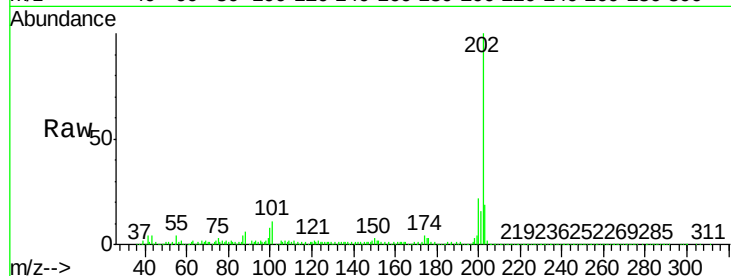
Tgt Ion:202 Resp: 1302092

Ion Ratio Lower Upper

202 100

101 11.3 0.0 32.8

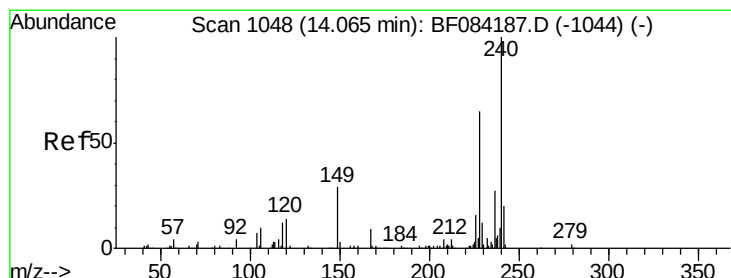
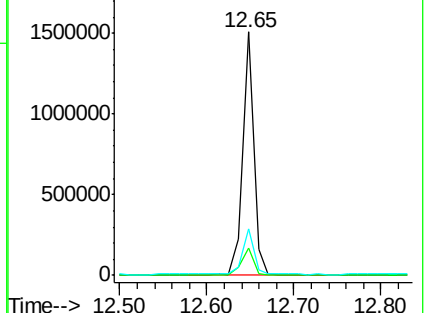
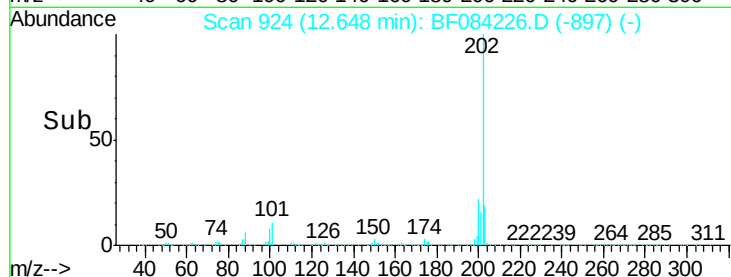
203 19.1 0.0 37.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.08 min Scan# 1049

Delta R.T. 0.01 min

Lab File: BF084226.D

Acq: 1 Jan 2016 5:43

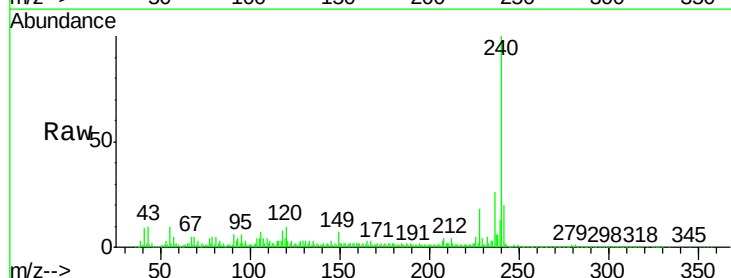
Tgt Ion:240 Resp: 474101

Ion Ratio Lower Upper

240 100

120 9.7 9.5 14.3

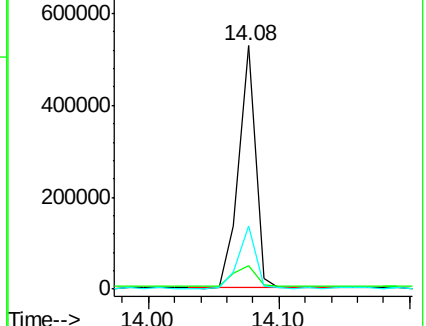
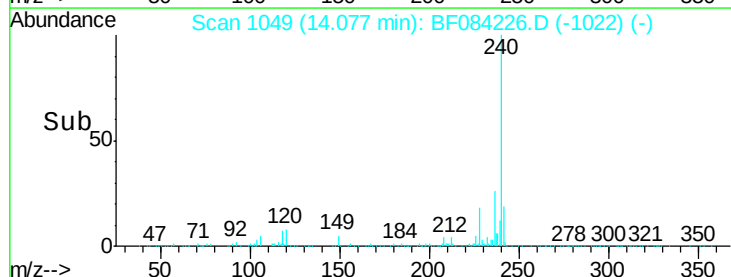
236 26.1 20.6 31.0

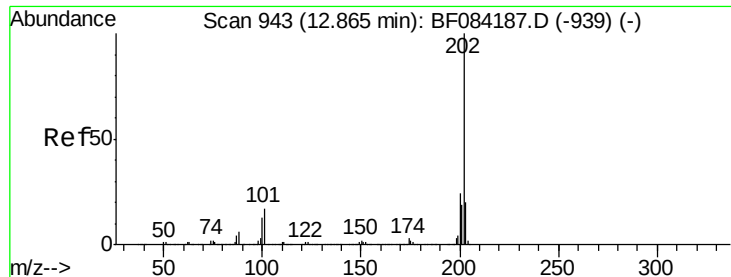


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

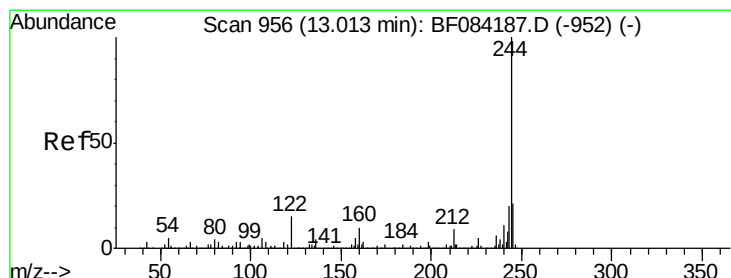
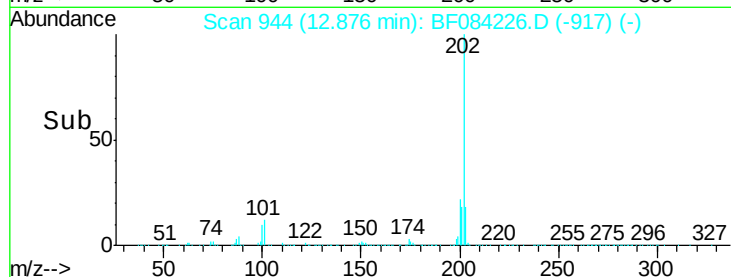
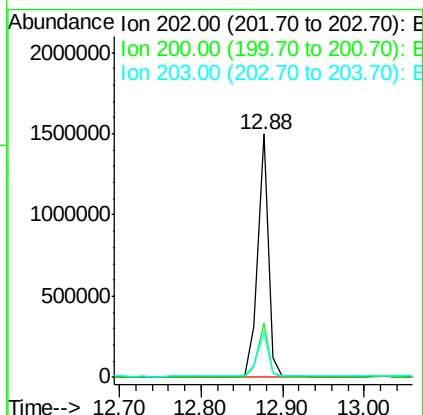
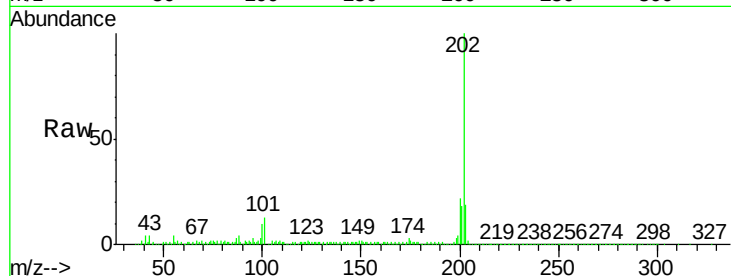




#77
Pyrene
Concen: 35.83 ng
RT: 12.88 min Scan# 944
Delta R.T. 0.01 min
Lab File: BF084226.D
Acq: 1 Jan 2016 5:43

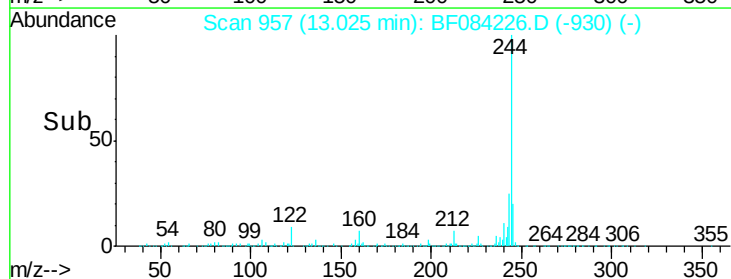
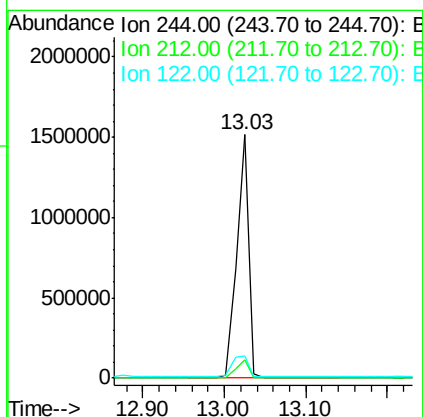
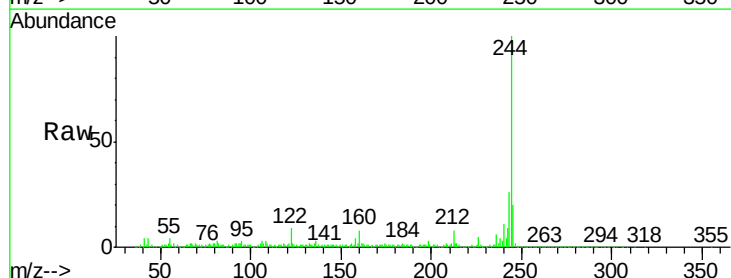
Instrument :
BNA_F
ClientSampleId :
S8-0529MSD

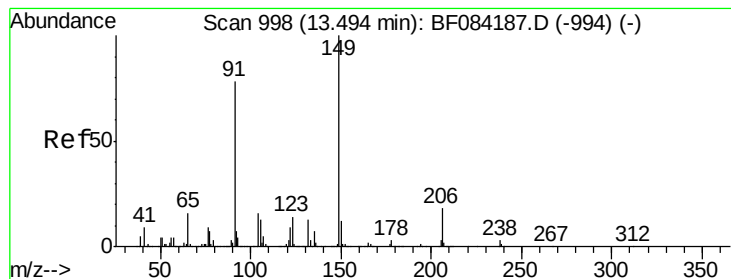
Tgt Ion:202 Resp: 1332993
Ion Ratio Lower Upper
202 100
200 22.0 17.2 25.8
203 18.7 14.3 21.5



#78
Terphenyl-d14
Concen: 72.31 ng
RT: 13.03 min Scan# 957
Delta R.T. 0.01 min
Lab File: BF084226.D
Acq: 1 Jan 2016 5:43

Tgt Ion:244 Resp: 1535743
Ion Ratio Lower Upper
244 100
212 7.6 5.7 8.5
122 9.4 7.4 11.0





#79

Butylbenzylphthalate

Concen: 39.88 ng

RT: 13.51 min Scan# 999

Delta R.T. 0.01 min

Lab File: BF084226.D

Acq: 1 Jan 2016 5:43

Instrument :

BNA_F

ClientSampleId :

S8-0529MSD

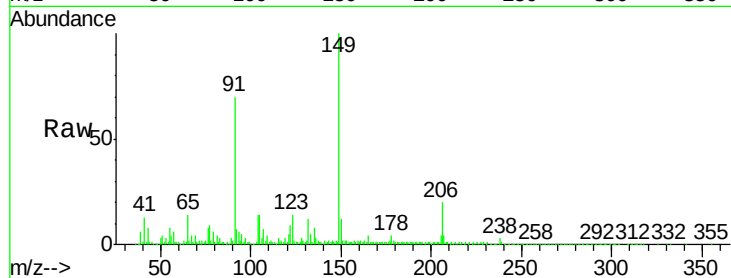
Tgt Ion:149 Resp: 642052

Ion Ratio Lower Upper

149 100

91 70.4 57.6 86.4

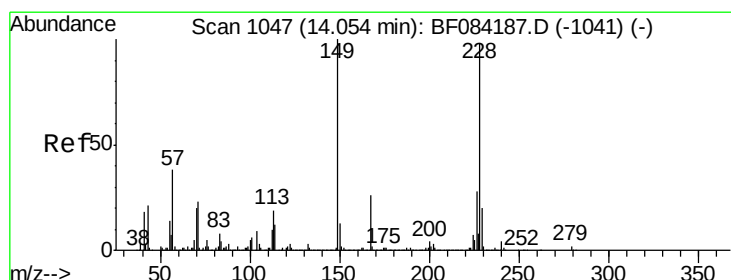
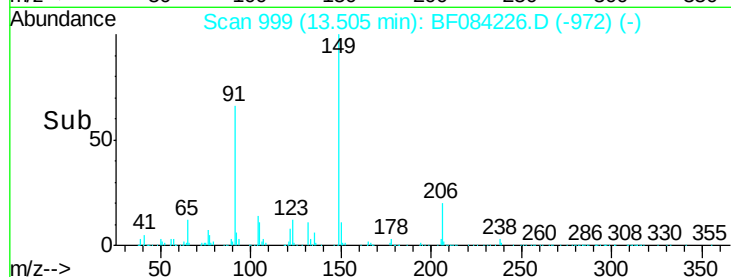
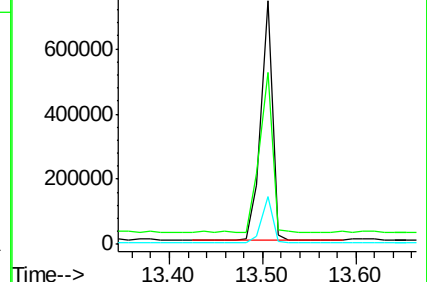
206 19.8 13.2 19.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 39.08 ng

RT: 14.07 min Scan# 1048

Delta R.T. 0.01 min

Lab File: BF084226.D

Acq: 1 Jan 2016 5:43

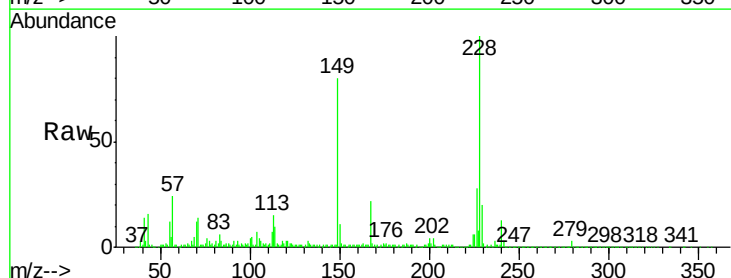
Tgt Ion:228 Resp: 1087860

Ion Ratio Lower Upper

228 100

226 28.2 21.8 32.6

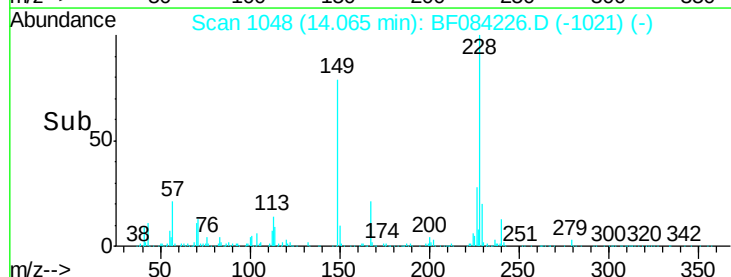
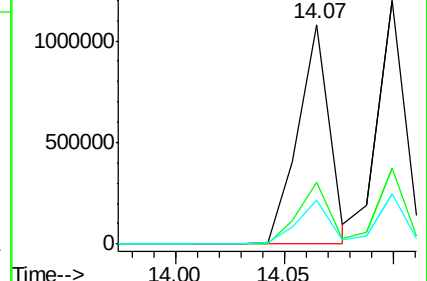
229 20.3 15.8 23.8

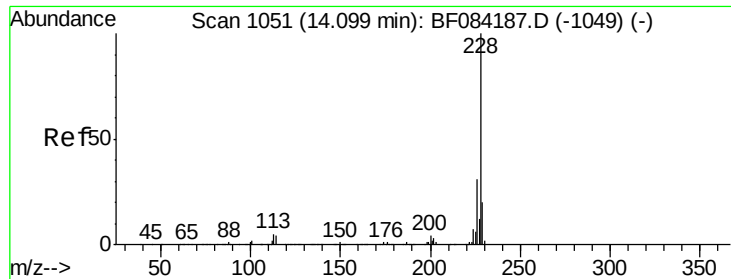


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 39.56 ng

RT: 14.10 min Scan# 1051

Delta R.T. 0.00 min

Lab File: BF084226.D

Acq: 1 Jan 2016 5:43

Instrument :

BNA_F

ClientSampleId :

S8-0529MSD

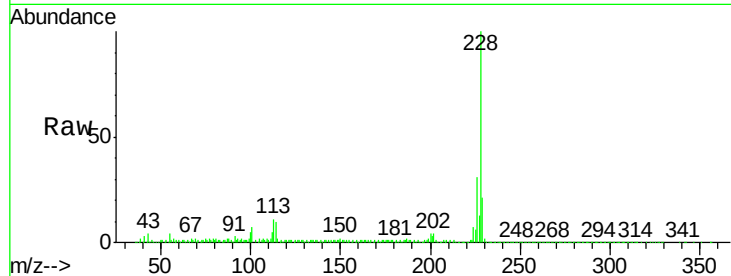
Tgt Ion:228 Resp: 1058374

Ion Ratio Lower Upper

228 100

226 31.1 24.3 36.5

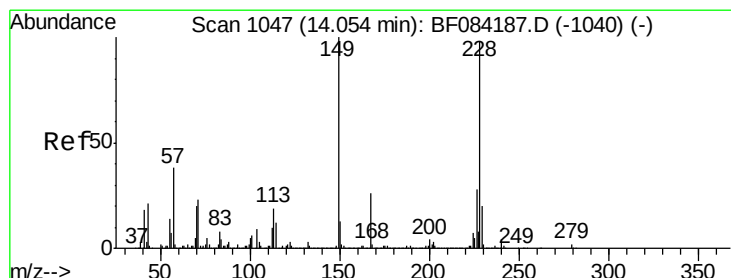
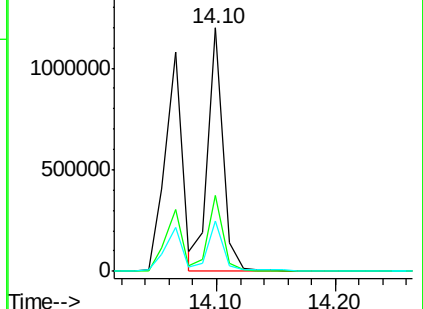
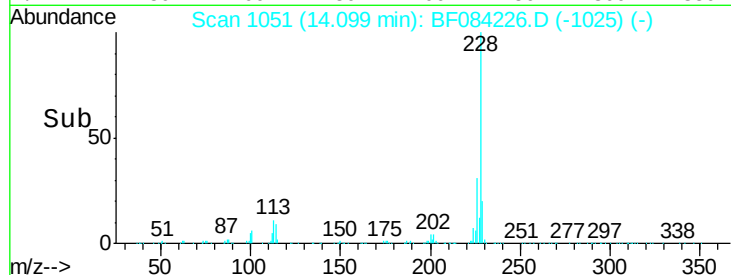
229 20.6 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 40.28 ng

RT: 14.07 min Scan# 1048

Delta R.T. 0.01 min

Lab File: BF084226.D

Acq: 1 Jan 2016 5:43

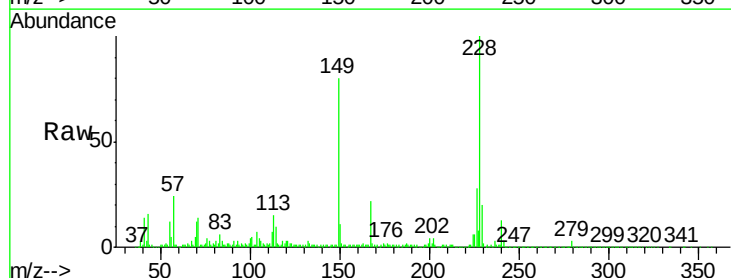
Tgt Ion:149 Resp: 819301

Ion Ratio Lower Upper

149 100

167 27.4 19.7 29.5

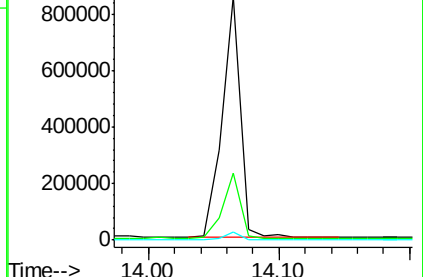
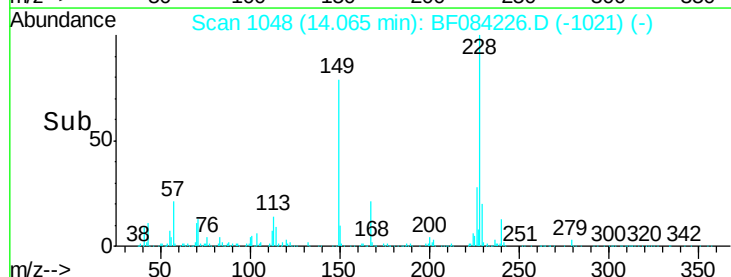
279 3.6 1.8 2.6#

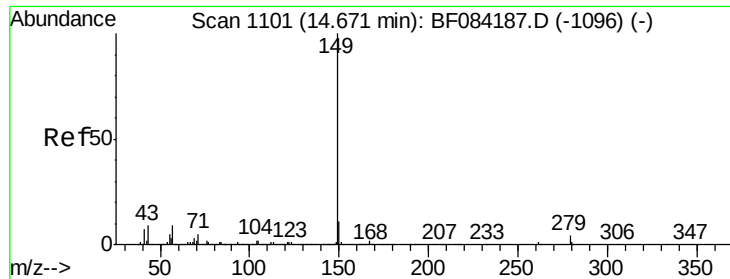


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 42.06 ng

RT: 14.67 min Scan# 1101

Delta R.T. 0.00 min

Lab File: BF084226.D

Acq: 1 Jan 2016 5:43

Instrument :

BNA_F

ClientSampleId :

S8-0529MSD

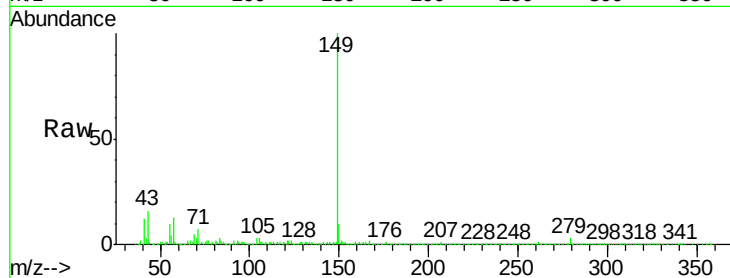
Tgt Ion:149 Resp: 1444166

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

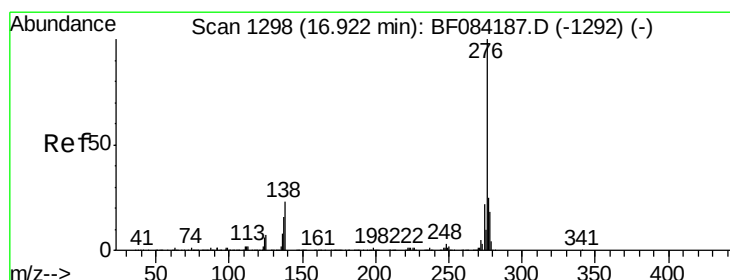
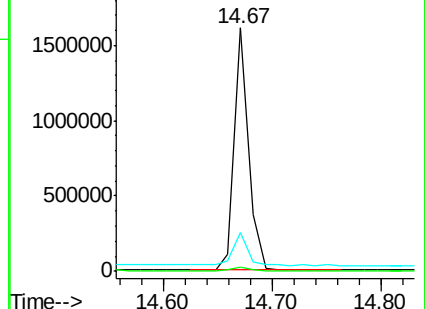
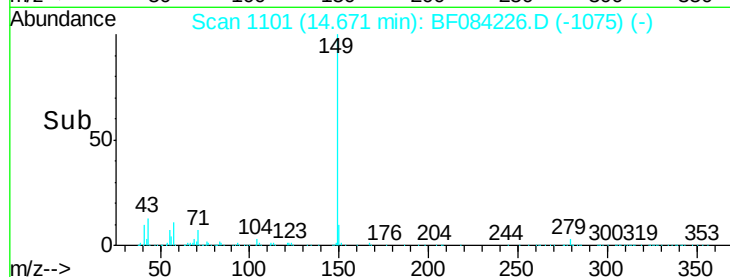
43 13.3 5.6 8.4#



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: 71.23 ng

RT: 16.96 min Scan# 1301

Delta R.T. 0.03 min

Lab File: BF084226.D

Acq: 1 Jan 2016 5:43

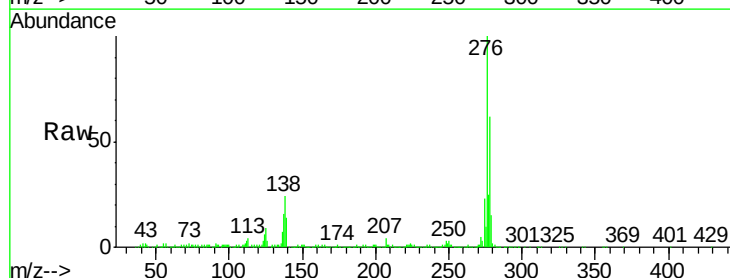
Tgt Ion:276 Resp: 1510314

Ion Ratio Lower Upper

276 100

138 25.1 20.6 30.8

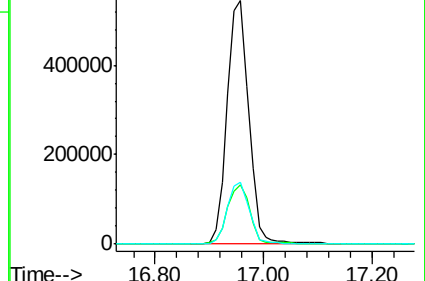
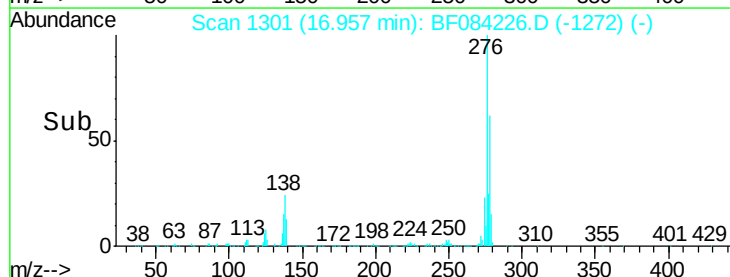
277 25.7 20.1 30.1

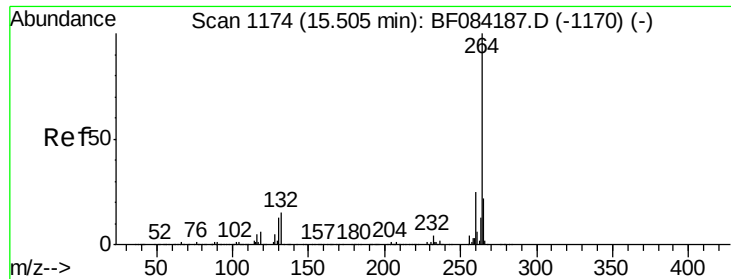


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

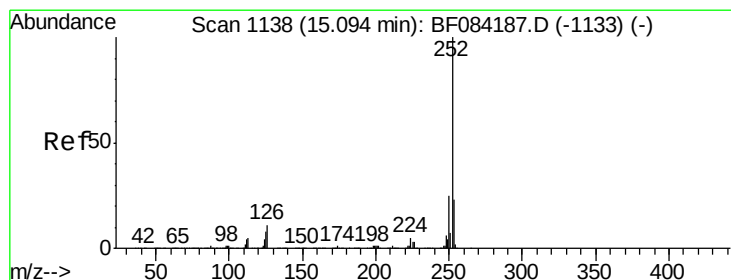
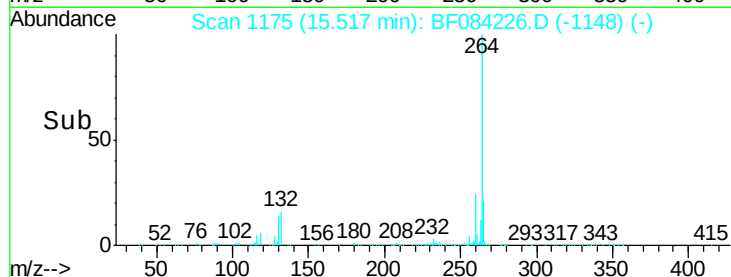
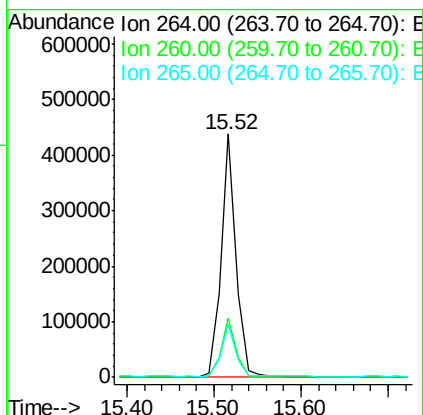
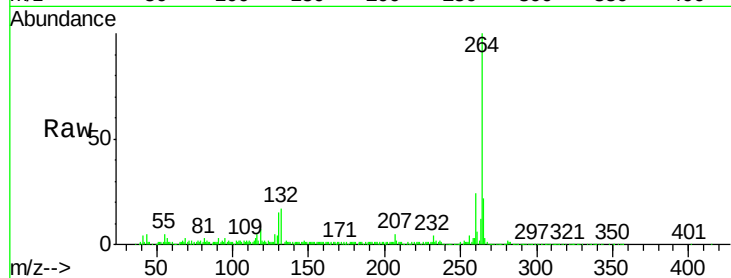




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 1175
Delta R.T. 0.01 min
Lab File: BF084226.D
Acq: 1 Jan 2016 5:43

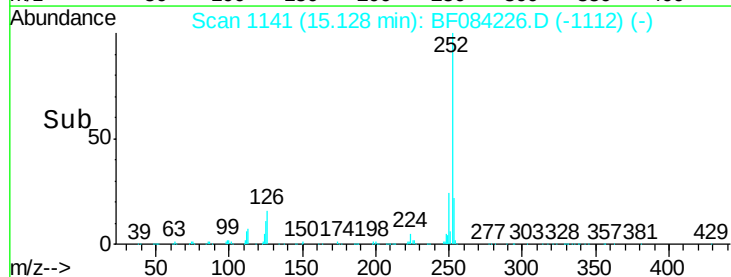
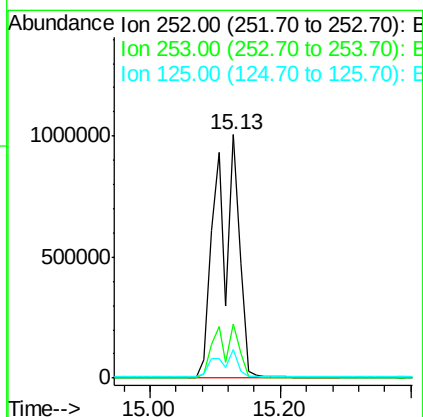
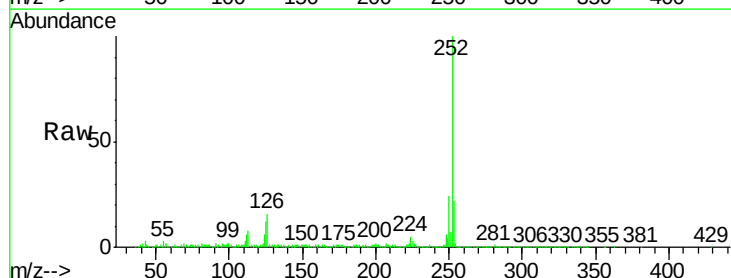
Instrument :
BNA_F
ClientSampleId :
S8-0529MSD

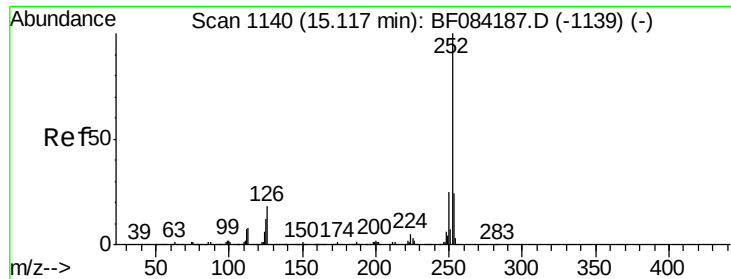
Tgt Ion:264 Resp: 524177
Ion Ratio Lower Upper
264 100
260 24.2 19.4 29.2
265 21.7 17.8 26.6



#87
Benzo(b)fluoranthene
Concen: 69.07 ng
RT: 15.13 min Scan# 1141
Delta R.T. 0.03 min
Lab File: BF084226.D
Acq: 1 Jan 2016 5:43

Tgt Ion:252 Resp: 2368266
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 11.6 6.5 9.7#

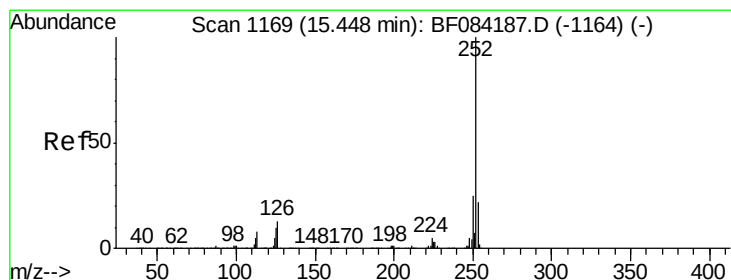
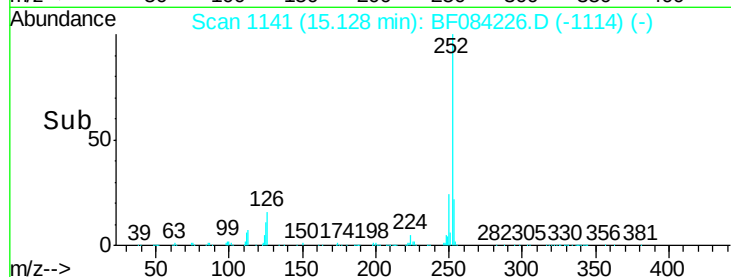
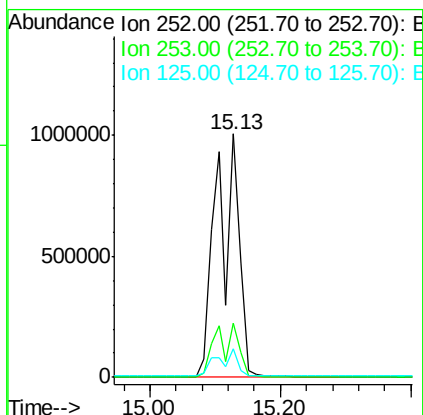
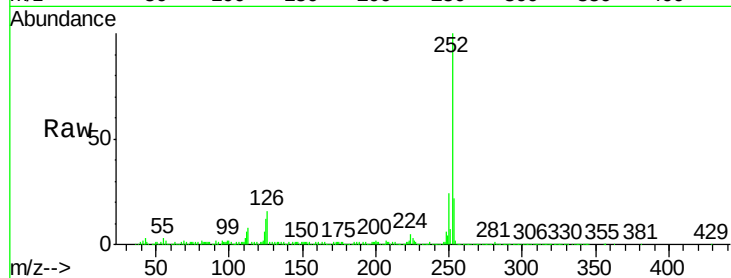




#88
Benzo(k)fluoranthene
Concen: 84.45 ng
RT: 15.13 min Scan# 1141
Delta R.T. 0.01 min
Lab File: BF084226.D
Acq: 1 Jan 2016 5:43

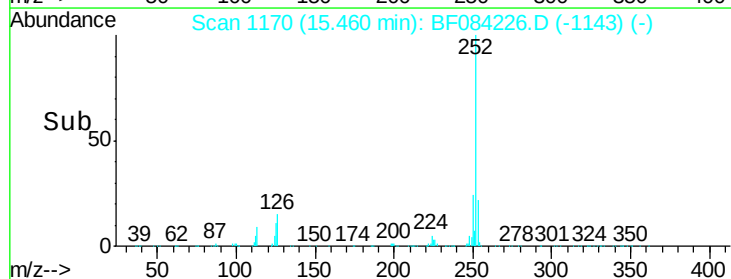
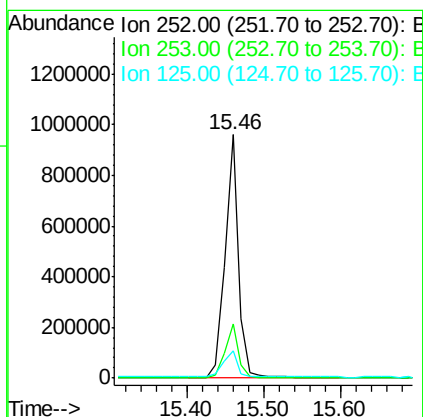
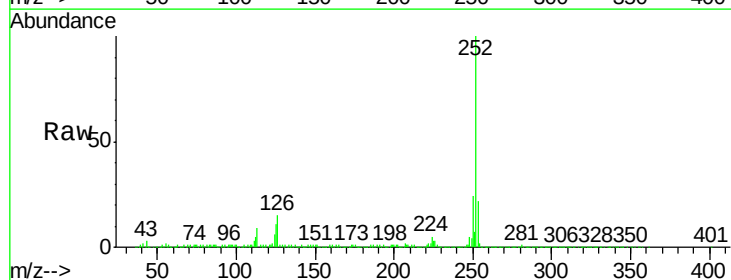
Instrument :
BNA_F
ClientSampleId :
S8-0529MSD

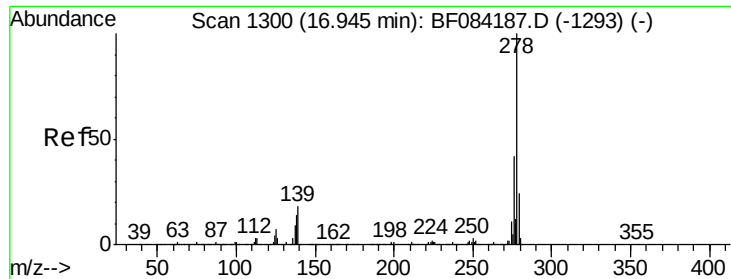
Tgt Ion:252 Resp: 2368266
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 11.6 9.0 13.6



#89
Benzo(a)pyrene
Concen: 40.79 ng
RT: 15.46 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BF084226.D
Acq: 1 Jan 2016 5:43

Tgt Ion:252 Resp: 1186341
Ion Ratio Lower Upper
252 100
253 22.5 17.3 25.9
125 11.2 7.0 10.4#

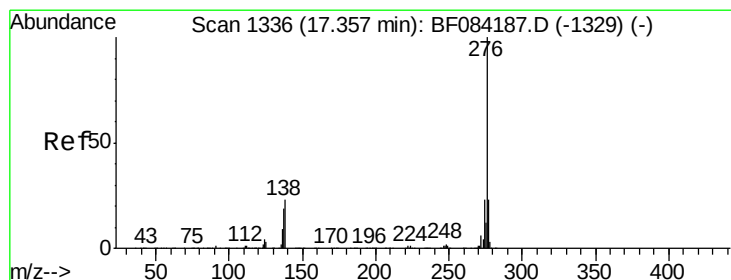
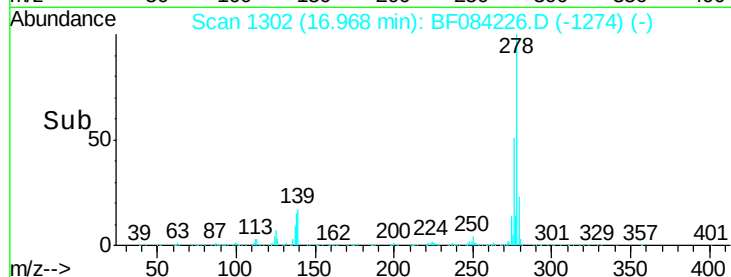
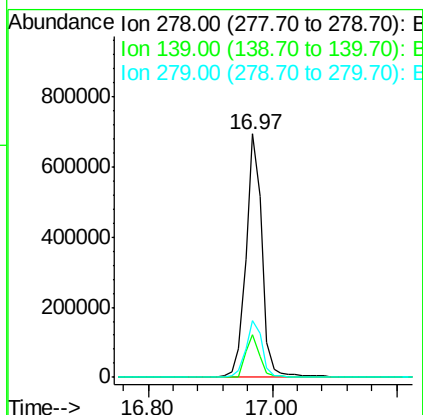
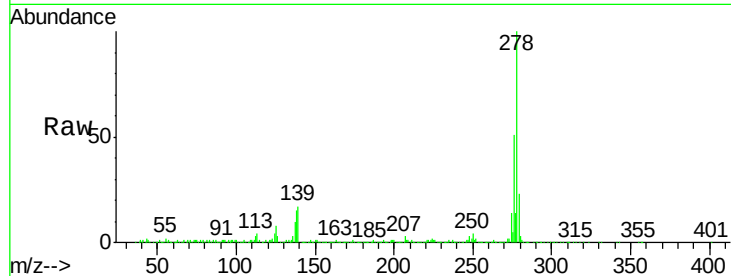




#90
Dibenzo(a,h)anthracene
Concen: 49.98 ng
RT: 16.97 min Scan# 1302
Delta R.T. 0.02 min
Lab File: BF084226.D
Acq: 1 Jan 2016 5:43

Instrument :
BNA_F
ClientSampleId :
S8-0529MSD

Tgt Ion: 278 Resp: 1250930
Ion Ratio Lower Upper
278 100
139 17.4 15.0 22.4
279 23.3 18.9 28.3



#91
Benzo(g,h,i)perylene
Concen: 50.54 ng
RT: 17.38 min Scan# 1338
Delta R.T. 0.02 min
Lab File: BF084226.D
Acq: 1 Jan 2016 5:43

Tgt Ion: 276 Resp: 1309822
Ion Ratio Lower Upper
276 100
277 24.5 18.8 28.2
138 23.0 17.8 26.6

