

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010416\
 Data File : BF084241.D
 Acq On : 4 Jan 2016 16:17
 Operator : UM/SJ
 Sample : G4981-02MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0529MS

Quant Time: Jan 05 05:47:50 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	326282	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1259459	20.00	ng	-0.01
38) Acenaphthene-d10	9.94	164	566572	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	898082	20.00	ng	0.00
75) Chrysene-d12	14.07	240	600483	20.00	ng	0.00
86) Perylene-d12	15.51	264	613026	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1075912	53.34	ng	0.01
7) Phenol-d6	6.53	99	888379	35.07	ng	0.00
23) Nitrobenzene-d5	7.46	82	1538929	68.00	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	565385	98.84	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	2652792	82.16	ng	0.00
78) Terphenyl-d14	13.01	244	1779580	66.15	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	117222	12.27	ng	# 70
3) Pyridine	3.32	79	297199	11.15	ng	# 75
4) n-Nitrosodimethylamine	3.22	42	208935	15.28	ng	# 73
6) Aniline	6.57	93	572313	15.44	ng	# 83
8) 2-Chlorophenol	6.68	128	646275	28.24	ng	96
9) Benzaldehyde	6.43	77	138606	8.40	ng	91
10) Phenol	6.54	94	414324	14.38	ng	96
11) bis(2-Chloroethyl)ether	6.62	93	714407	32.02	ng	# 81
12) 1,3-Dichlorobenzene	6.83	146	694908	29.43	ng	# 94
13) 1,4-Dichlorobenzene	6.91	146	732346	30.93	ng	95
14) 1,2-Dichlorobenzene	7.06	146	633508	27.94	ng	94
15) Benzyl Alcohol	7.04	79	497093	23.32	ng	89
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1268771	31.22	ng	91
17) 2-Methylphenol	7.16	107	428474	22.34	ng	# 90
18) Hexachloroethane	7.40	117	330861	34.95	ng	# 89
19) n-Nitroso-di-n-propylamine	7.31	70	574036	33.47	ng	# 66
20) 3+4-Methylphenols	7.32	107	510274	22.63	ng	90
22) Acetophenone	7.31	105	1203664	39.74	ng	# 97
24) Nitrobenzene	7.48	77	931002	40.56	ng	97
25) Isophorone	7.72	82	1470661	33.98	ng	98
26) 2-Nitrophenol	7.80	139	370522	35.47	ng	95
27) 2,4-Dimethylphenol	7.85	122	692491	32.75	ng	92
28) bis(2-Chloroethoxy)methane	7.94	93	986202	37.30	ng	# 91
29) 2,4-Dichlorophenol	8.04	162	540817	30.71	ng	95
30) 1,2,4-Trichlorobenzene	8.12	180	633554	34.84	ng	96
31) Naphthalene	8.20	128	2017341	35.30	ng	98
32) Benzoic acid	7.96	122	174574	17.41	ng	90
33) 4-Chloroaniline	8.26	127	209515	8.00	ng	96
34) Hexachlorobutadiene	8.32	225	347984	33.29	ng	97
36) 4-Chloro-3-methylphenol	8.75	107	638986	32.39	ng	99
37) 2-Methylnaphthalene	8.90	142	1527191	37.23	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	554115	34.02	ng	# 95
40) Hexachlorocyclopentadiene	9.05	237	603282	61.36	ng	97
42) 2,4,6-Trichlorophenol	9.18	196	404277	33.18	ng	94

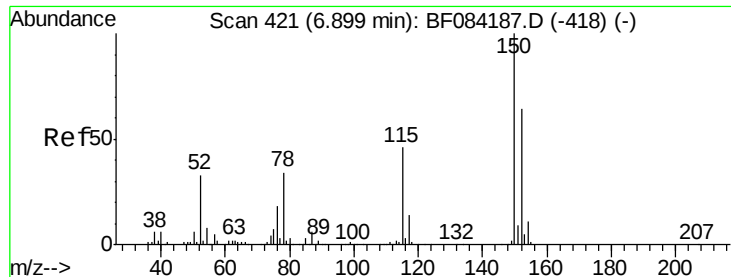
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010416\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.23	196	390623	33.44	ng	# 89
45) 1,1'-Biphenyl	9.37	154	1676941	37.24	ng	95
46) 2-Chloronaphthalene	9.39	162	1323997	37.43	ng	# 88
47) 2-Nitroaniline	9.48	65	418019	35.81	ng	93
48) Acenaphthylene	9.80	152	1850795	35.42	ng	96
49) Dimethylphthalate	9.68	163	1670252	41.24	ng	# 91
50) 2,6-Dinitrotoluene	9.73	165	348605	39.24	ng	95
51) Acenaphthene	9.97	154	1398629	39.90	ng	97
52) 3-Nitroaniline	9.90	138	115149	10.46	ng	# 75
53) 2,4-Dinitrophenol	10.00	184	235622	63.05	ng	# 73
54) Dibenzofuran	10.14	168	1642895	35.57	ng	# 89
55) 4-Nitrophenol	10.09	139	198217	24.81	ng	# 65
56) 2,4-Dinitrotoluene	10.12	165	445952	39.66	ng	# 77
57) Fluorene	10.49	166	1267525	35.61	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	322838	32.37	ng	# 94
59) Diethylphthalate	10.36	149	1393478	34.89	ng	98
60) 4-Chlorophenyl-phenylether	10.48	204	601405	39.67	ng	# 85
61) 4-Nitroaniline	10.51	138	166525	16.97	ng	99
62) Azobenzene	10.64	77	1508151	34.43	ng	85
64) 4,6-Dinitro-2-methylphenol	10.53	198	192136	35.13	ng	83
65) n-Nitrosodiphenylamine	10.60	169	1128211	39.29	ng	98
66) 4-Bromophenyl-phenylether	10.97	248	382757	39.60	ng	# 69
67) Hexachlorobenzene	11.04	284	452951	41.63	ng	99
68) Atrazine	11.17	200	221378	23.56	ng	97
69) Pentachlorophenol	11.24	266	406109	71.99	ng	100
70) Phenanthrene	11.45	178	1716959	36.55	ng	95
71) Anthracene	11.50	178	1933054	41.98	ng	98
72) Carbazole	11.66	167	1425584	31.67	ng	98
73) Di-n-butylphthalate	12.00	149	1962420	39.78	ng	# 96
74) Fluoranthene	12.64	202	1489085	30.34	ng	99
77) Pyrene	12.87	202	1499917	31.83	ng	98
79) Butylbenzylphthalate	13.49	149	683574	33.52	ng	97
80) Benzo(a)anthracene	14.05	228	1251660	35.50	ng	99
82) Chrysene	14.09	228	1038734	30.66	ng	98
83) Bis(2-ethylhexyl)phthalate	14.05	149	853052	33.11	ng	# 95
84) Di-n-octyl phthalate	14.66	149	1492103	34.31	ng	# 86
85) Indeno(1,2,3-cd)pyrene	16.93	276	1631952	60.76	ng	99
87) Benzo(b)fluoranthene	15.12	252	2544007	63.44	ng	# 95
88) Benzo(k)fluoranthene	15.12	252	2544007	77.57	ng	99
89) Benzo(a)pyrene	15.45	252	1284730	37.77	ng	# 97
90) Dibenzo(a,h)anthracene	16.96	278	1331321	45.49	ng	# 95
91) Benzo(g,h,i)perylene	17.37	276	1389184	45.83	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

Instrument :

BNA_F

ClientSampleId :

S8-0529MS

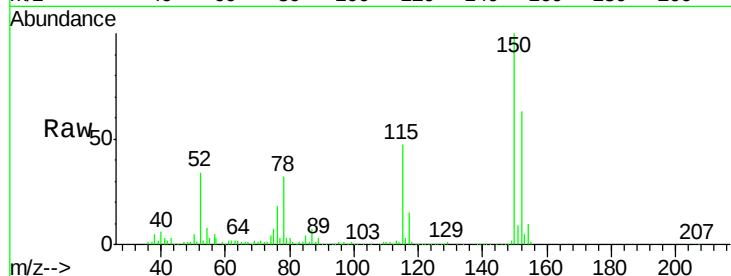
Tgt Ion:152 Resp: 326282

Ion Ratio Lower Upper

152 100

150 159.3 123.0 184.4

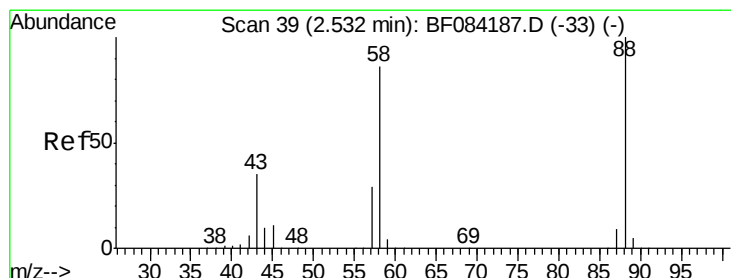
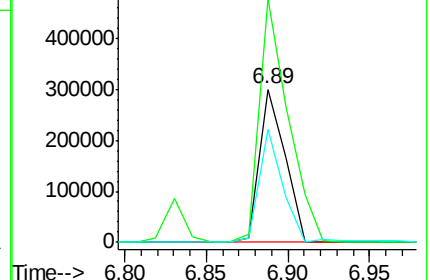
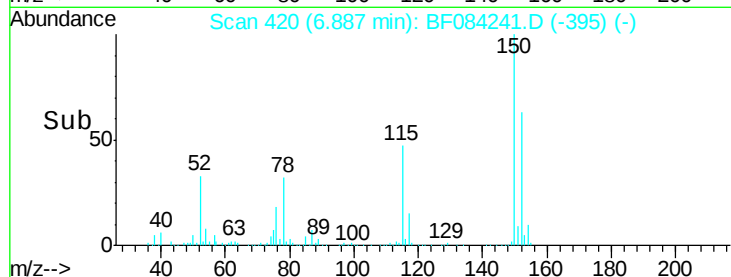
115 74.3 51.4 77.2



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: 12.27 ng

RT: 2.54 min Scan# 40

Delta R.T. 0.01 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

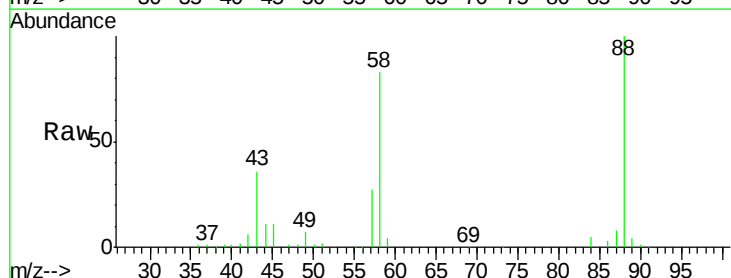
Tgt Ion: 88 Resp: 117222

Ion Ratio Lower Upper

88 100

58 88.9 51.2 76.8#

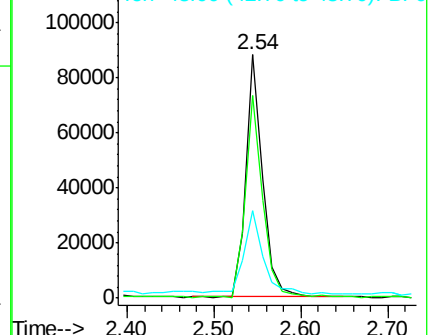
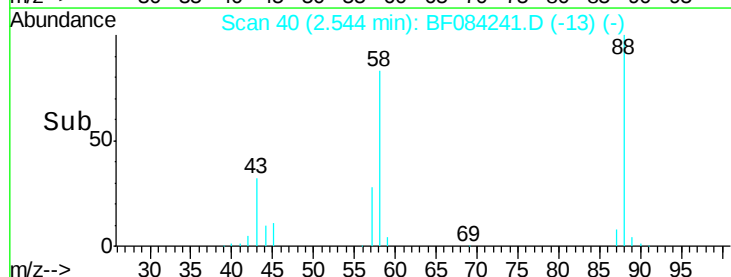
43 36.9 19.5 29.3#

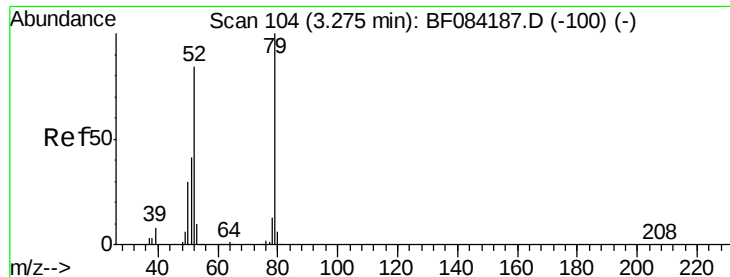


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 11.15 ng

RT: 3.32 min Scan# 108

Delta R.T. 0.05 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

Instrument :

BNA_F

ClientSampleId :

S8-0529MS

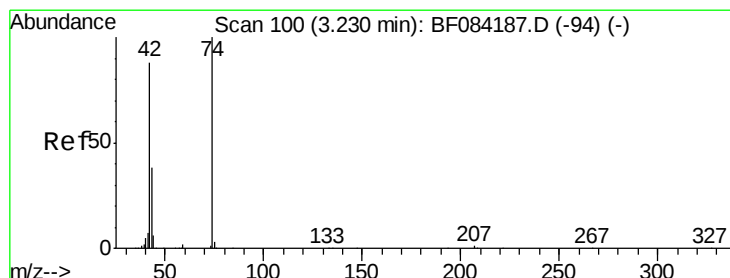
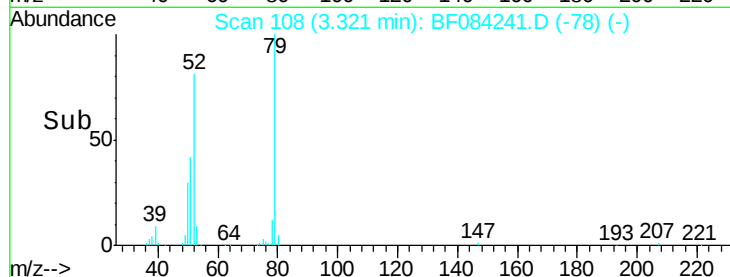
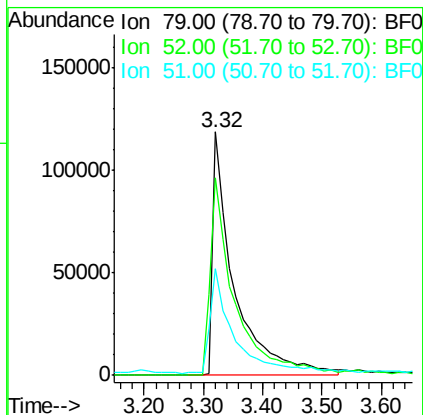
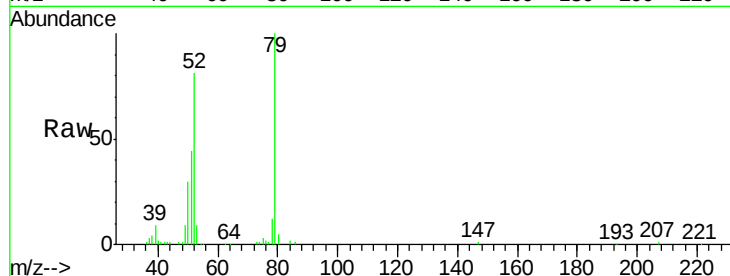
Tgt Ion: 79 Resp: 297199

Ion Ratio Lower Upper

79 100

52 80.9 49.0 73.4#

51 43.7 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 15.28 ng

RT: 3.22 min Scan# 99

Delta R.T. -0.01 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

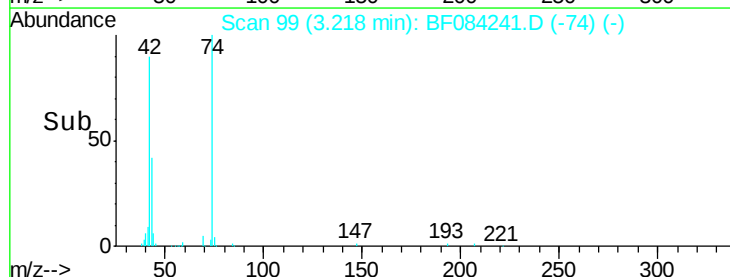
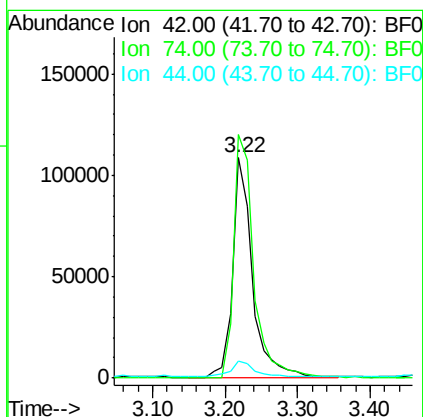
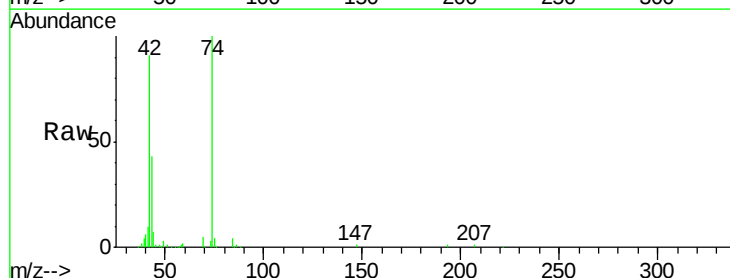
Tgt Ion: 42 Resp: 208935

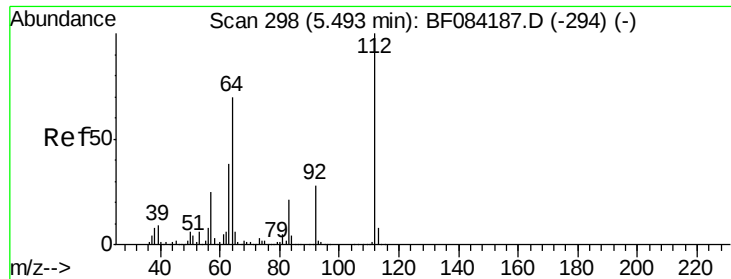
Ion Ratio Lower Upper

42 100

74 110.4 115.7 173.5#

44 7.8 5.1 7.7#





#5

2-Fluorophenol

Concen: 53.34 ng

RT: 5.50 min Scan# 299

Delta R.T. 0.01 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

Instrument :

BNA_F

ClientSampled :

S8-0529MS

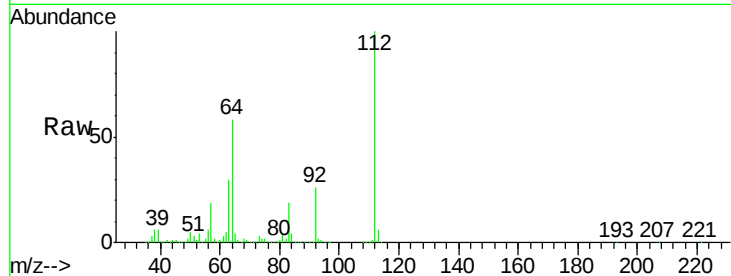
Tgt Ion: 112 Resp: 1075912

Ion Ratio Lower Upper

112 100

64 58.3 36.6 55.0#

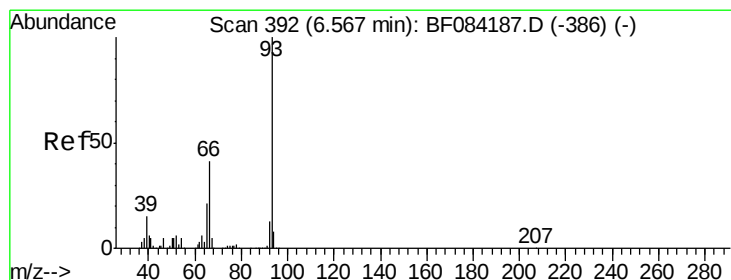
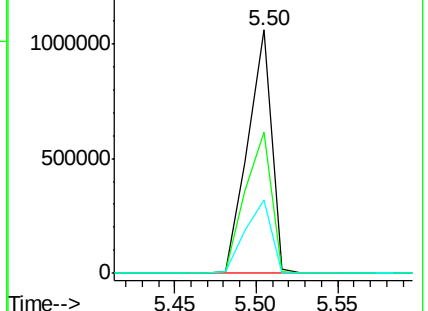
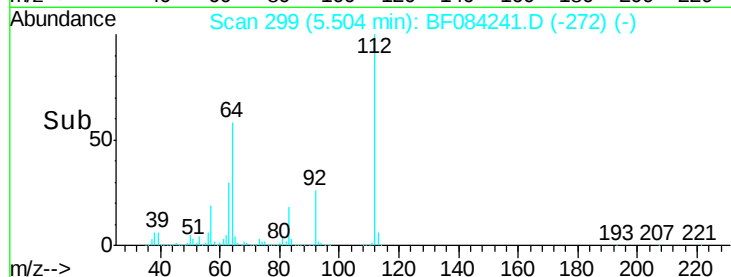
63 30.1 19.4 29.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 15.44 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.00 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

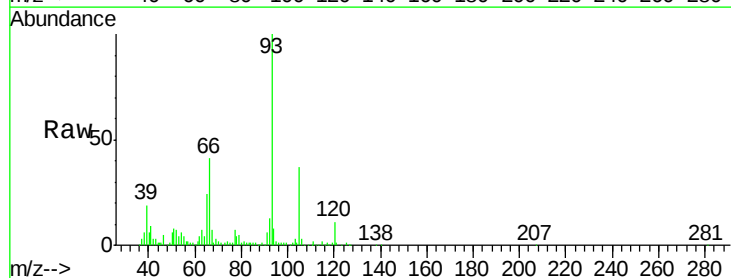
Tgt Ion: 93 Resp: 572313

Ion Ratio Lower Upper

93 100

66 41.4 44.9 67.3#

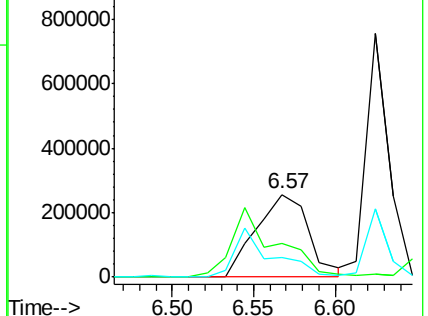
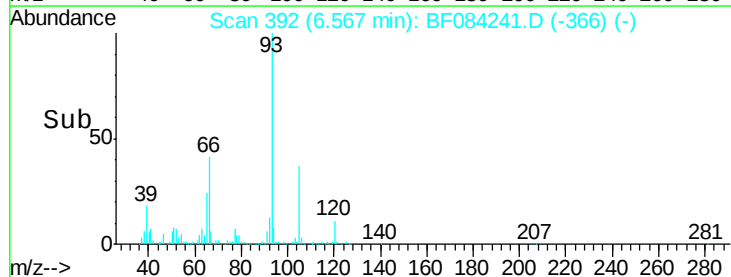
65 23.8 23.7 35.5

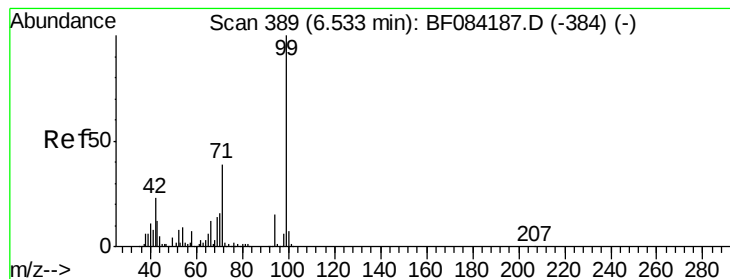


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 35.07 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

Instrument :

BNA_F

ClientSampleId :

S8-0529MS

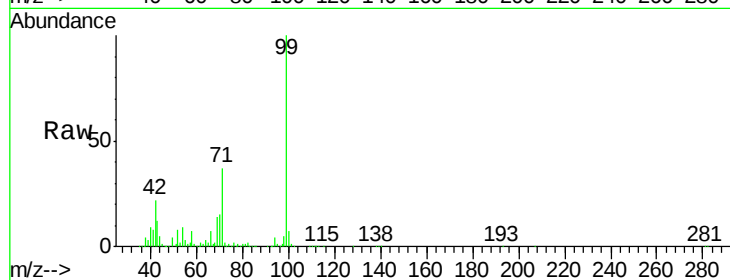
Tgt Ion: 99 Resp: 888379

Ion Ratio Lower Upper

99 100

42 21.8 12.8 19.2#

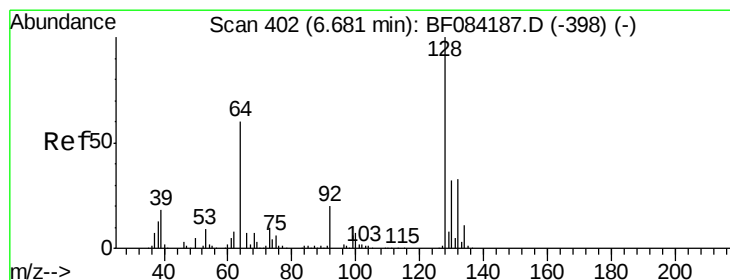
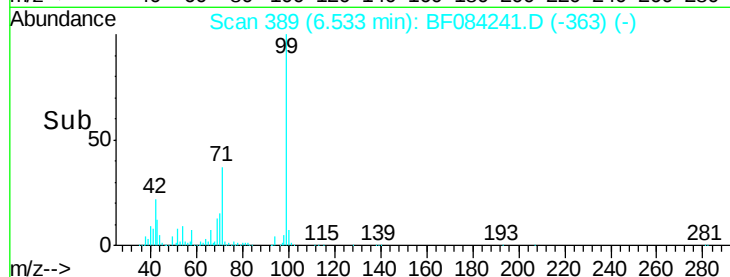
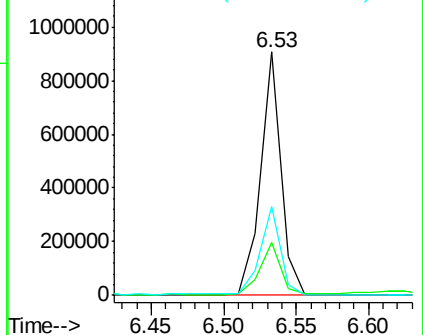
71 36.6 30.9 46.3



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: 28.24 ng

RT: 6.68 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

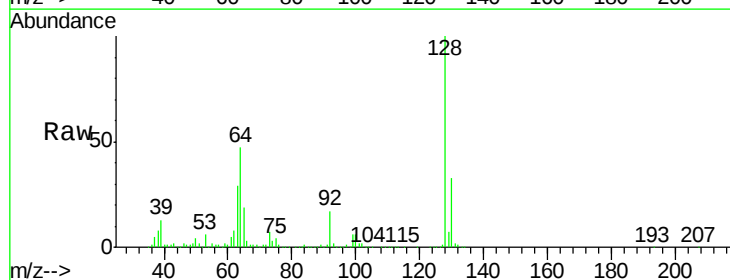
Tgt Ion: 128 Resp: 646275

Ion Ratio Lower Upper

128 100

130 32.9 11.6 51.6

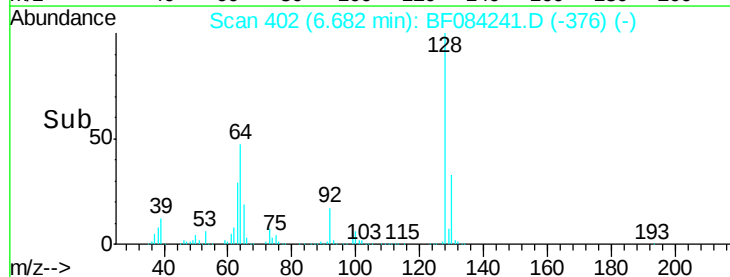
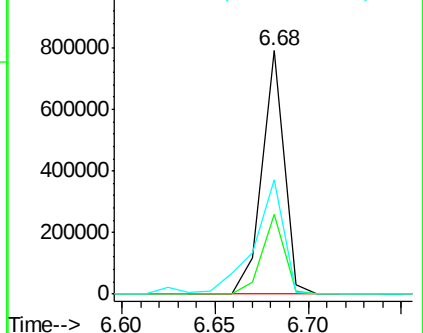
64 46.9 23.8 63.8

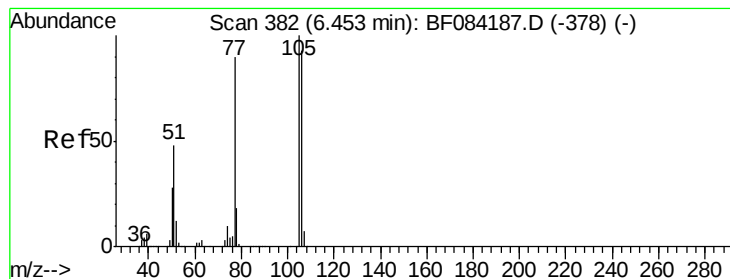


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 8.40 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.02 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

Instrument :

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ClientSampleId :

S8-0529MS

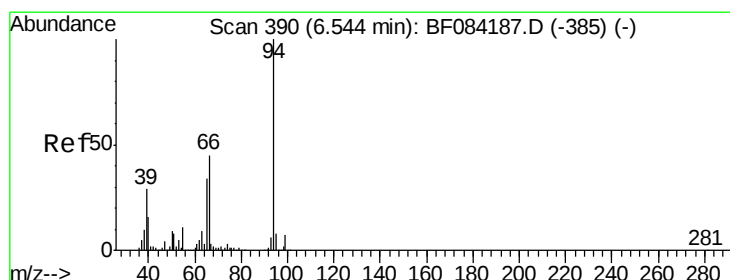
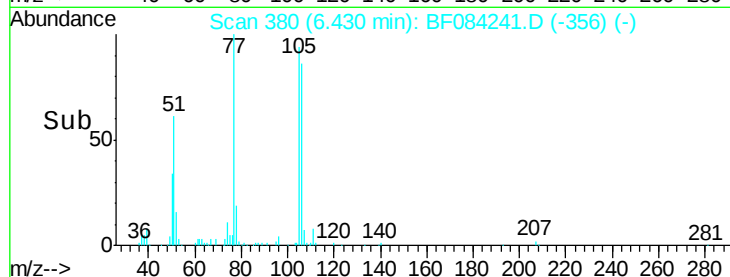
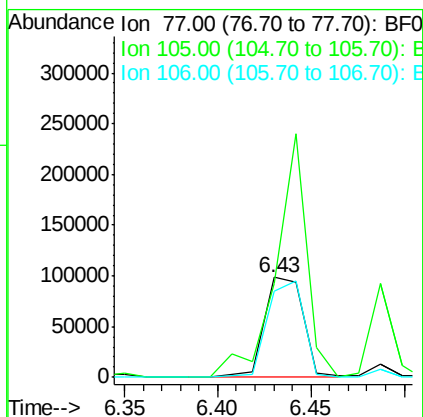
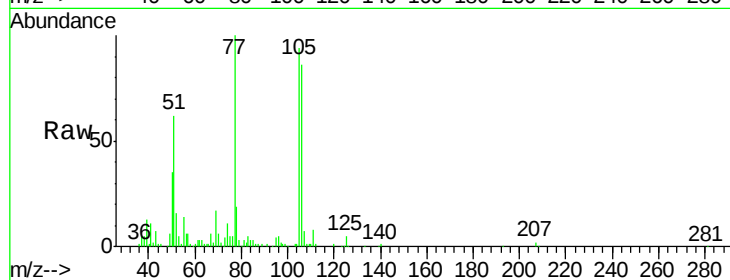
Tgt Ion: 77 Resp: 138606

Ion Ratio Lower Upper

77 100

105 93.9 83.0 123.0

106 85.7 74.6 114.6



#10

Phenol

Concen: 14.38 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

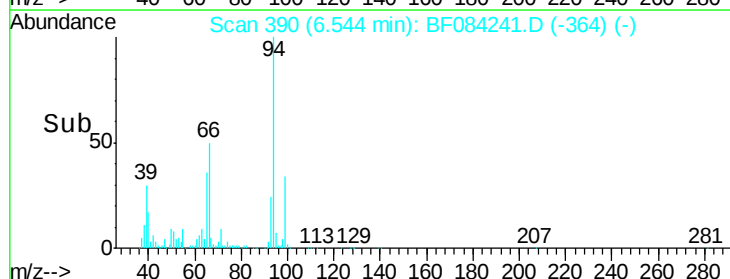
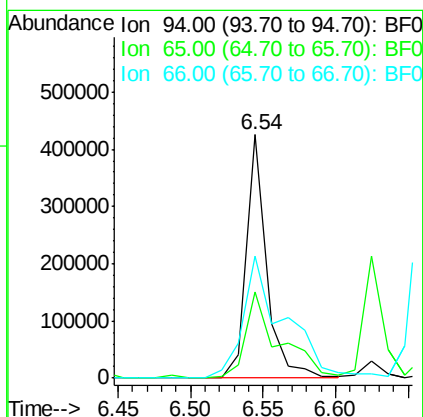
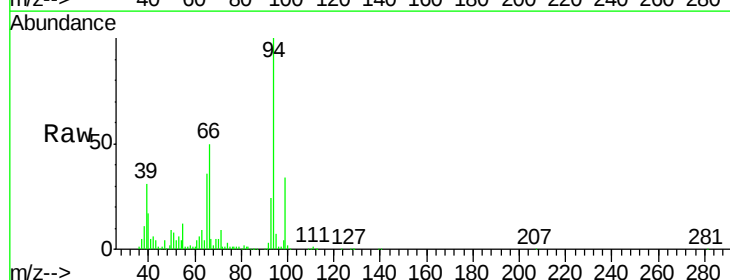
Tgt Ion: 94 Resp: 414324

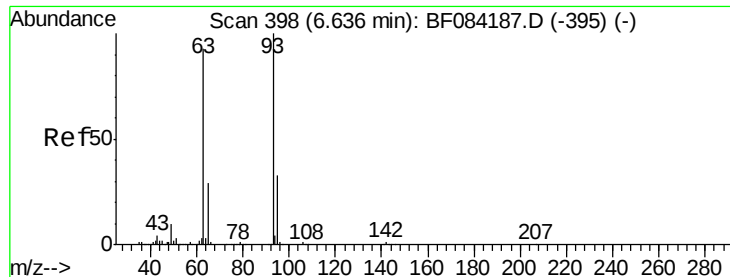
Ion Ratio Lower Upper

94 100

65 35.6 12.9 52.9

66 50.3 32.7 72.7

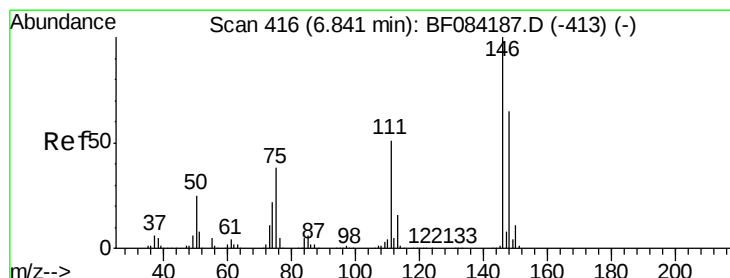
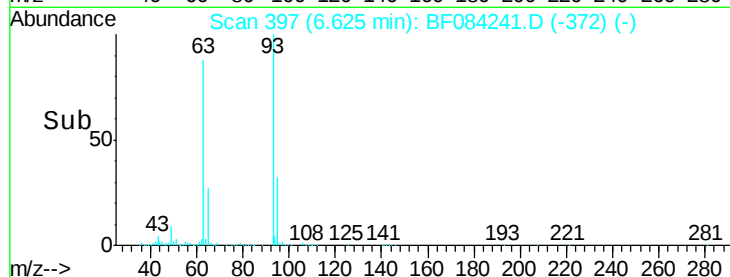
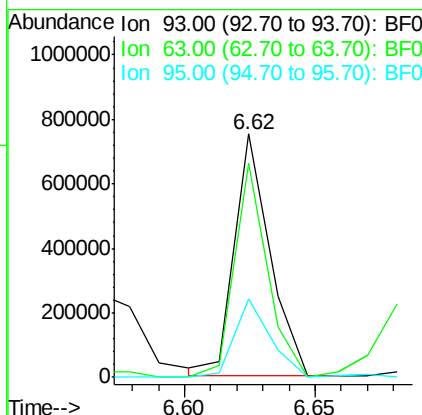
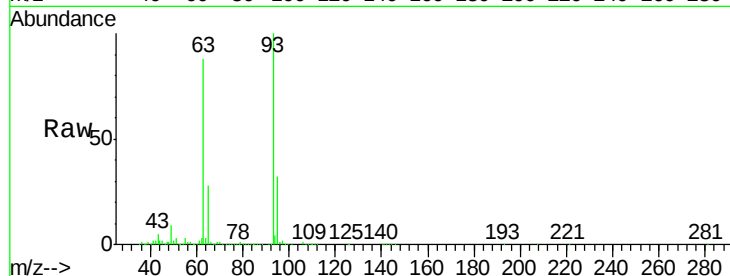




#11
bis(2-Chloroethyl)ether
Concen: 32.02 ng
RT: 6.62 min Scan# 397
Delta R.T. -0.01 min
Lab File: BF084241.D
Acq: 4 Jan 2016 16:17

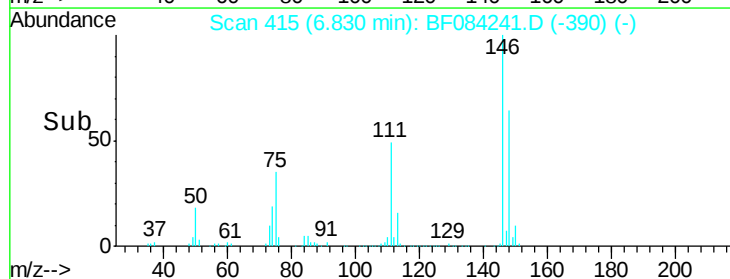
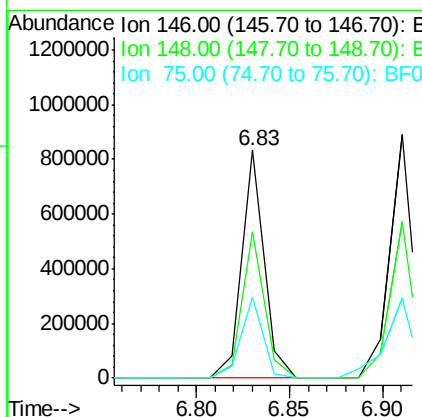
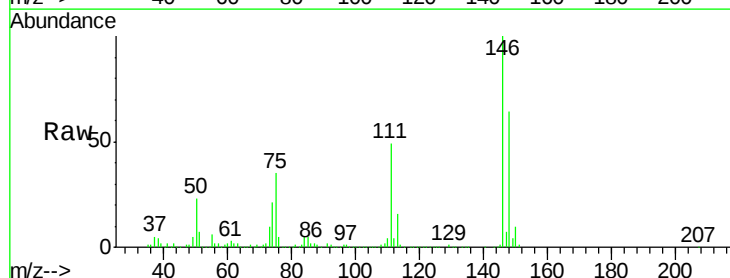
Instrument :
BNA_F
ClientSampleId :
S8-0529MS

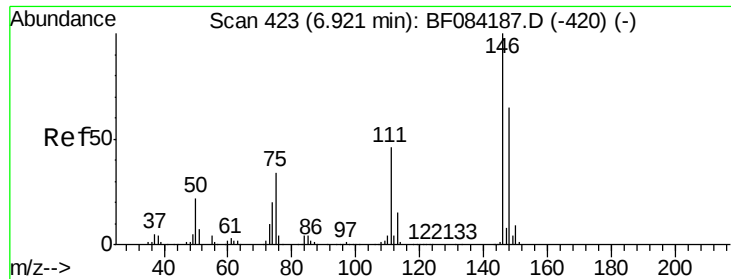
Tgt Ion: 93 Resp: 714407
Ion Ratio Lower Upper
93 100
63 88.2 45.9 85.9#
95 32.1 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 29.43 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.01 min
Lab File: BF084241.D
Acq: 4 Jan 2016 16:17

Tgt Ion: 146 Resp: 694908
Ion Ratio Lower Upper
146 100
148 64.0 51.9 77.9
75 35.4 20.5 30.7#





#13

1,4-Dichlorobenzene

Concen: 30.93 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

Instrument :

BNA_F

ClientSampleId :

S8-0529MS

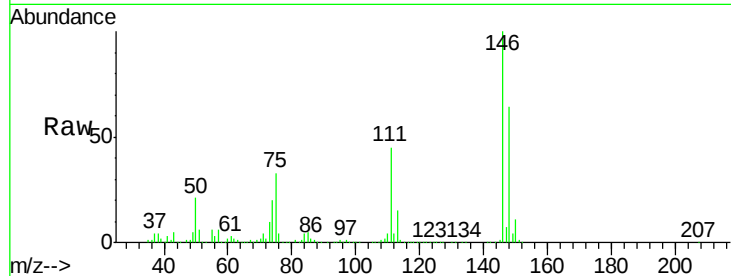
Tgt Ion:146 Resp: 732346

Ion Ratio Lower Upper

146 100

148 64.4 51.9 77.9

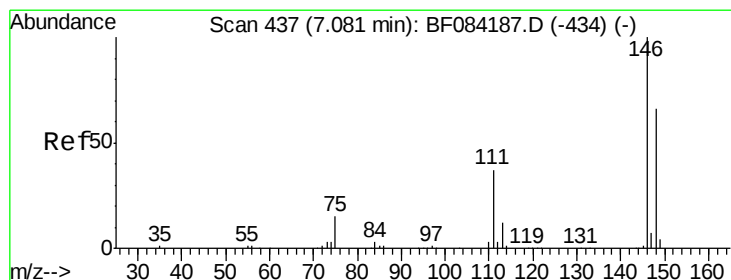
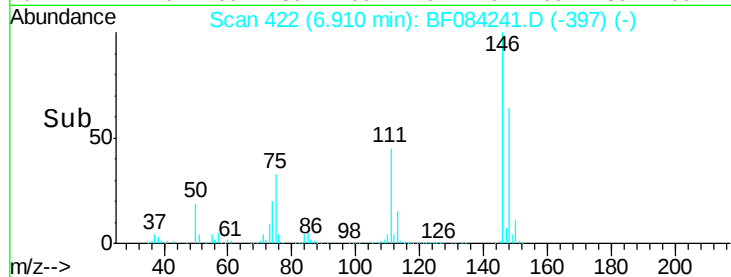
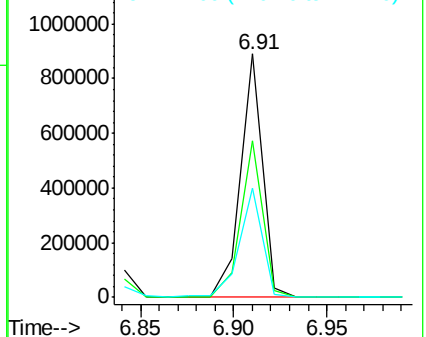
111 45.1 41.6 62.4



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: 27.94 ng

RT: 7.06 min Scan# 435

Delta R.T. -0.02 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

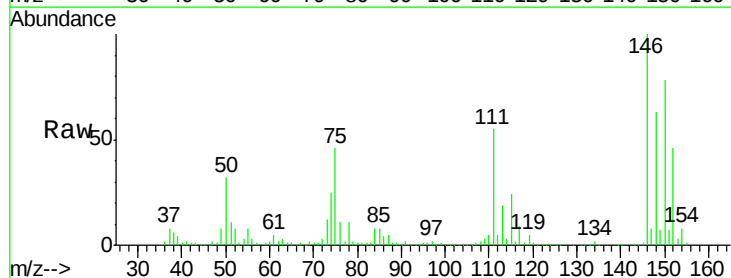
Tgt Ion:146 Resp: 633508

Ion Ratio Lower Upper

146 100

148 62.6 51.6 77.4

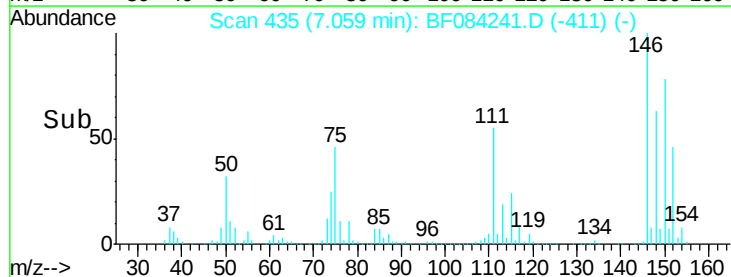
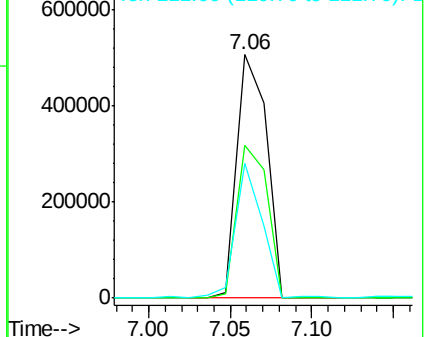
111 55.1 38.0 57.0

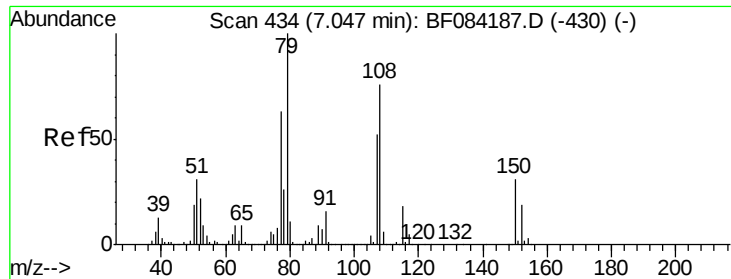


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 23.32 ng

RT: 7.04 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

Instrument :

BNA_F

ClientSampleId :

S8-0529MS

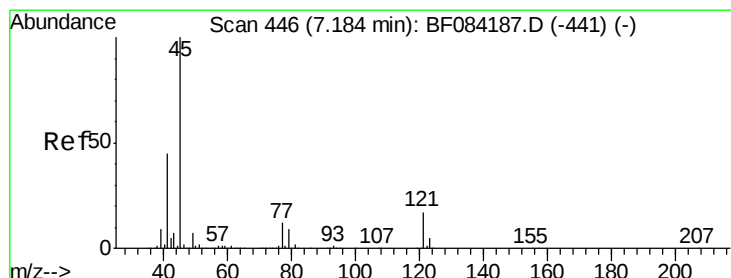
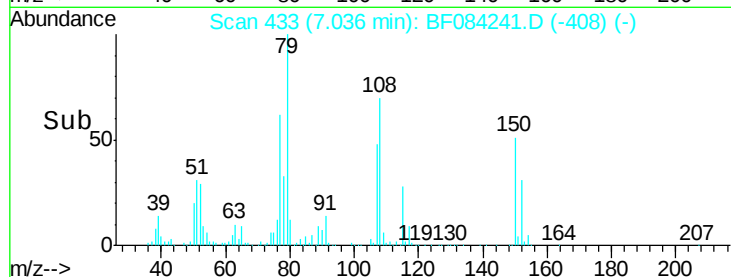
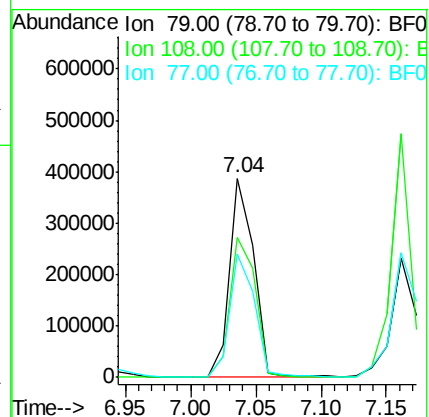
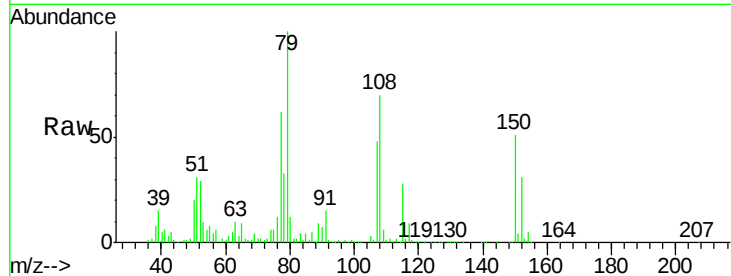
Tgt Ion: 79 Resp: 497093

Ion Ratio Lower Upper

79 100

108 70.1 69.0 103.4

77 61.7 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.22 ng

RT: 7.17 min Scan# 445

Delta R.T. -0.01 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

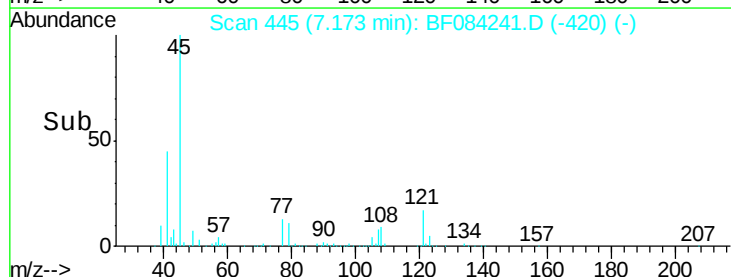
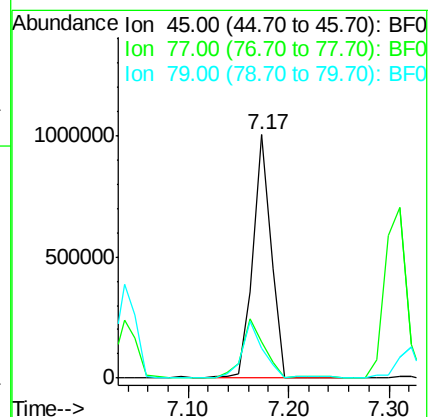
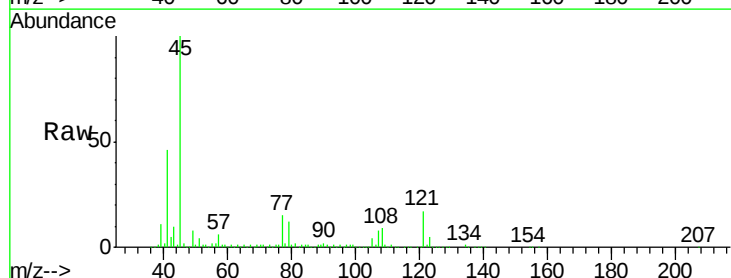
Tgt Ion: 45 Resp: 1268771

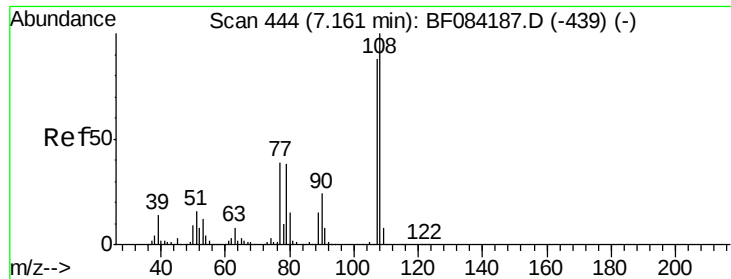
Ion Ratio Lower Upper

45 100

77 14.7 0.0 39.6

79 12.0 0.0 35.0

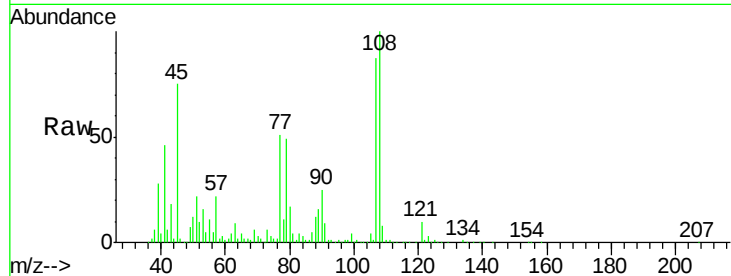




#17
2-Methylphenol
Concen: 22.34 ng
RT: 7.16 min Scan# 444
Delta R.T. 0.00 min
Lab File: BF084241.D
Acq: 4 Jan 2016 16:17

Instrument :
BNA_F
ClientSampleId :
S8-0529MS

Tgt Ion	Ratio	Lower	Upper
107	100		
108	114.6	89.8	134.6
77	58.6	35.7	53.5#
79	56.2	35.7	53.5#



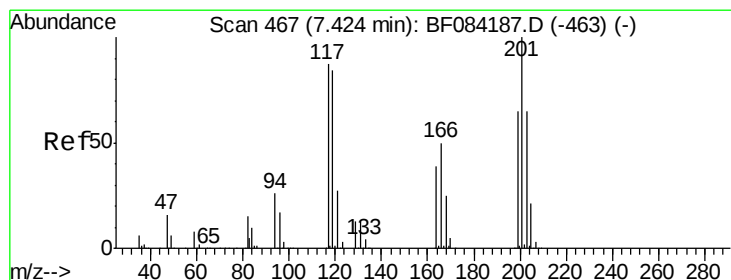
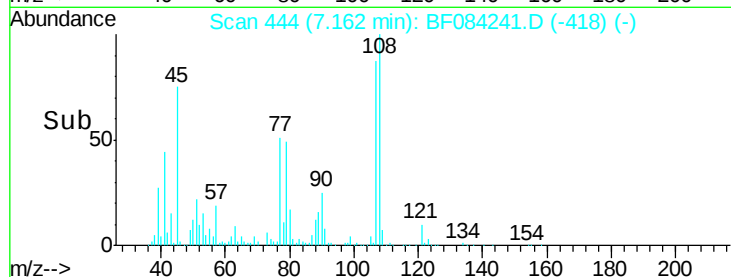
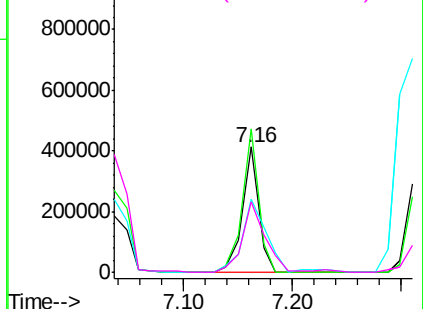
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

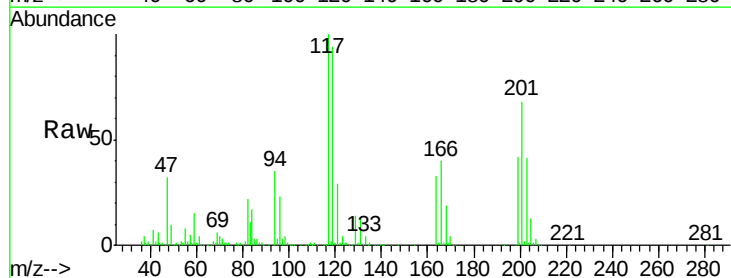
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 34.95 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.02 min
Lab File: BF084241.D
Acq: 4 Jan 2016 16:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.7	77.4	116.0
201	67.5	68.6	103.0#

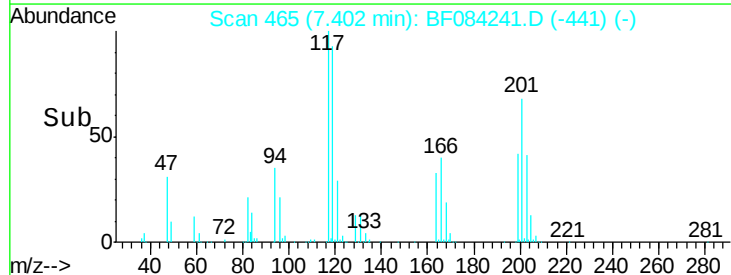
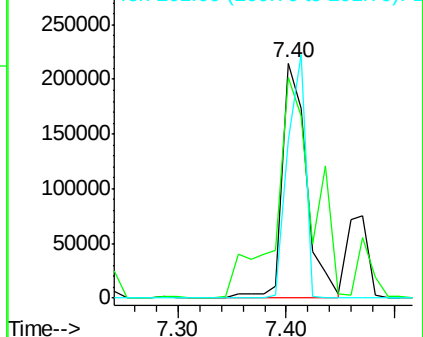


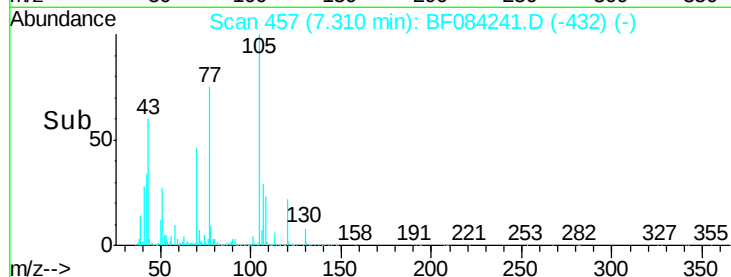
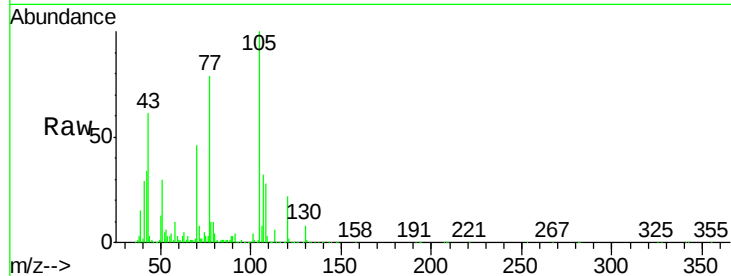
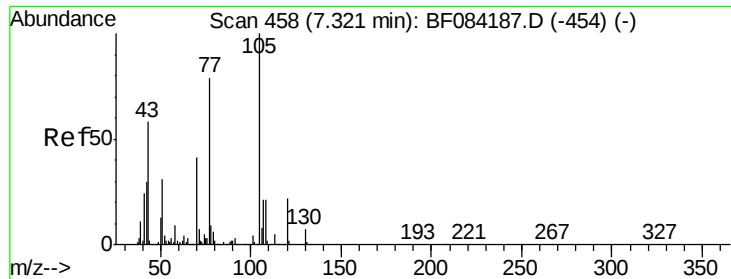
Abundance

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

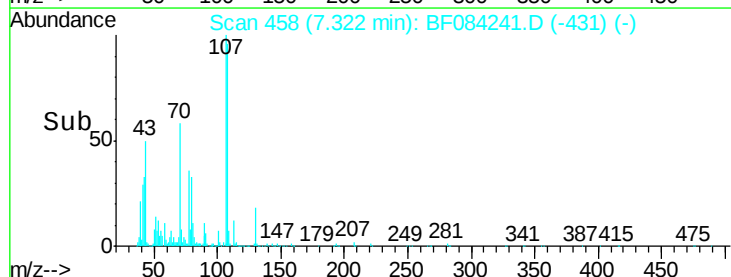
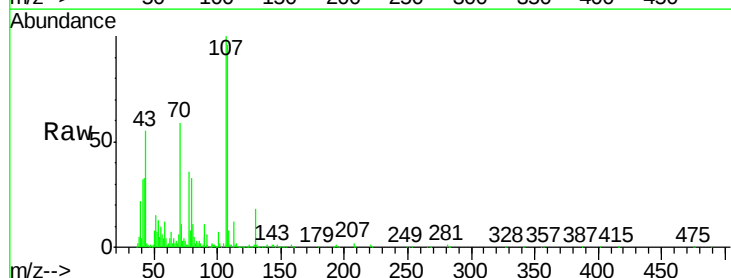
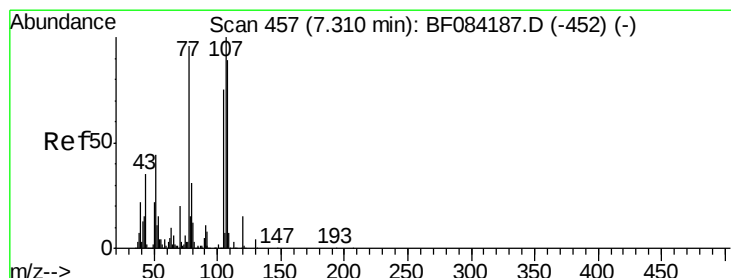
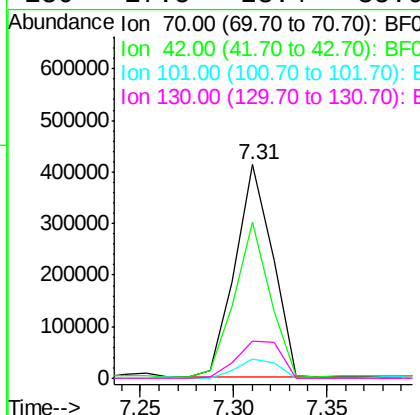




#19
n-Nitroso-di-n-propylamine
Concen: 33.47 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF084241.D
Acq: 4 Jan 2016 16:17

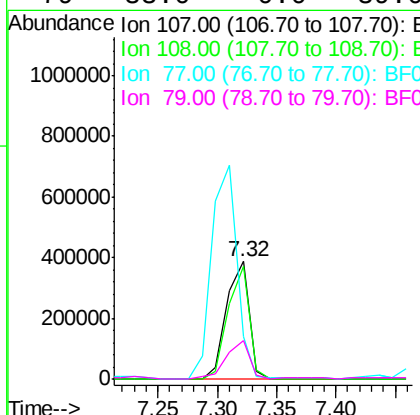
Instrument :
BNA_F
ClientSampleId :
S8-0529MS

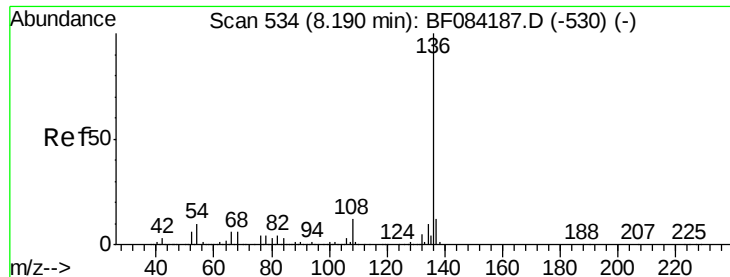
Tgt Ion: 70 Resp: 574036
Ion Ratio Lower Upper
70 100
42 73.4 33.3 49.9#
101 8.8 9.3 13.9#
130 17.5 23.4 35.0#



#20
3+4-Methylphenols
Concen: 22.63 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.01 min
Lab File: BF084241.D
Acq: 4 Jan 2016 16:17

Tgt Ion:107 Resp: 510274
Ion Ratio Lower Upper
107 100
108 95.7 74.6 114.6
77 35.7 0.7 40.7
79 33.0 0.0 39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

Instrument :

BNA_F

ClientSampleId :

S8-0529MS

Tgt Ion:136 Resp: 1259459

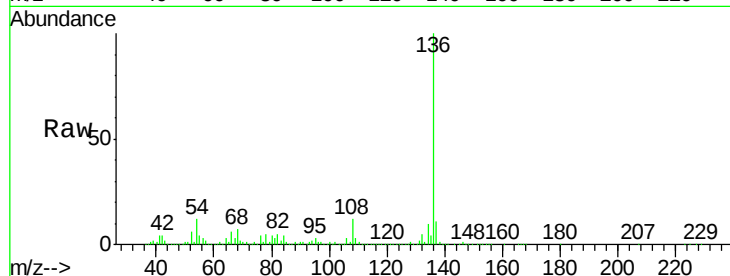
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 11.6 5.8 8.8#

68 7.2 4.2 6.2#

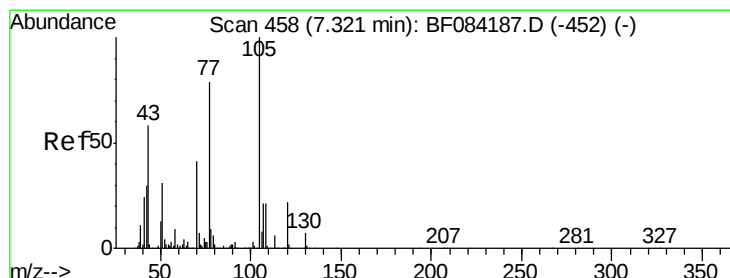
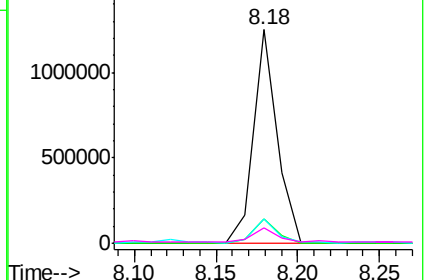
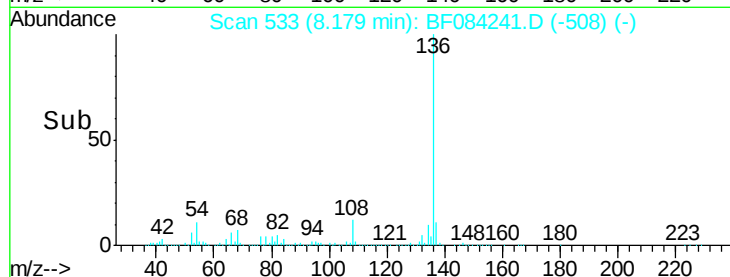


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 39.74 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

Tgt Ion:105 Resp: 1203664

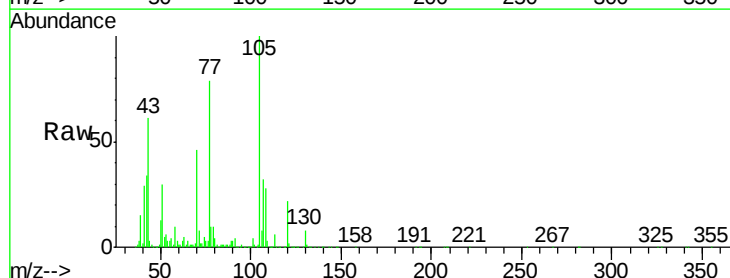
Ion Ratio Lower Upper

105 100

71 8.1 3.7 5.5#

51 29.8 25.1 37.7

120 21.9 16.6 25.0

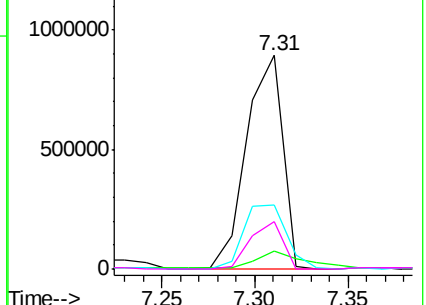
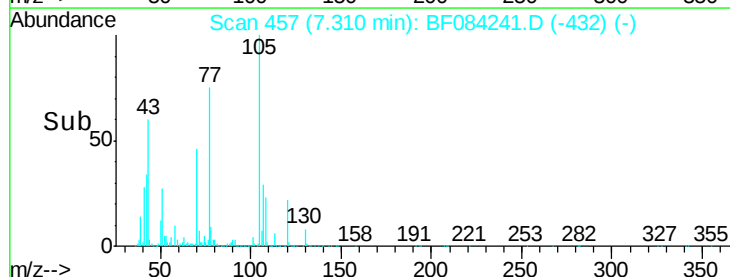


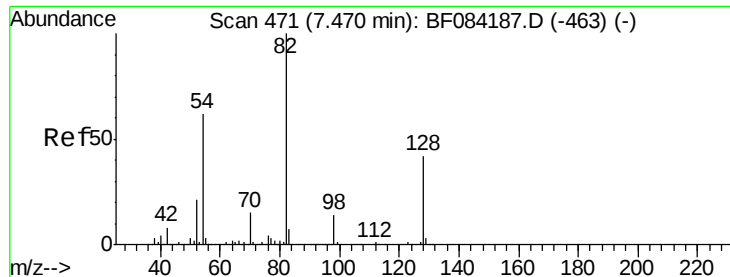
Abundance Ion 105.00 (104.70 to 105.70): E

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

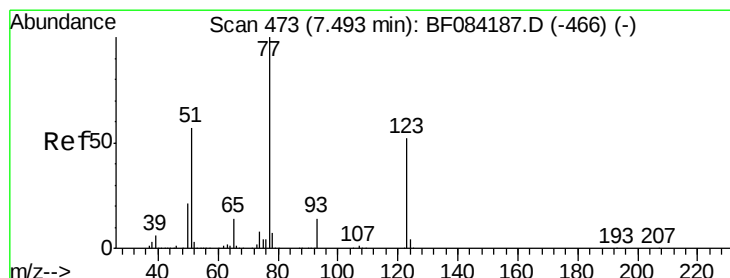
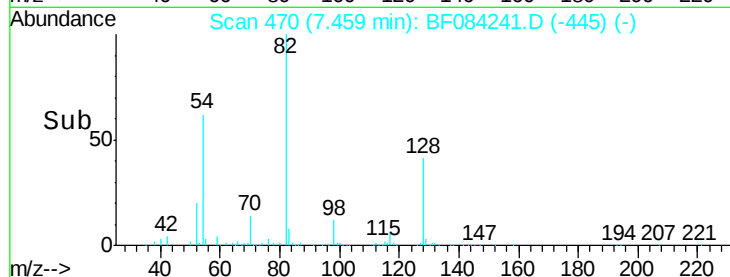
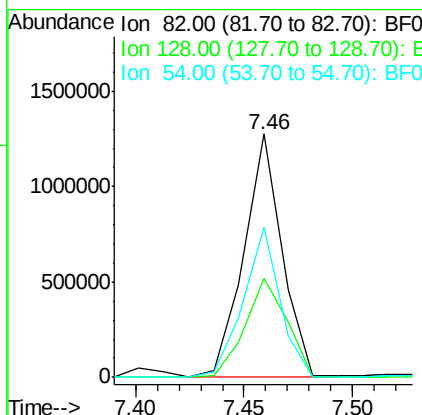
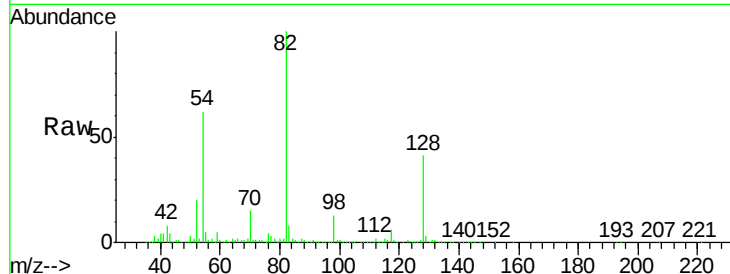




#23
 Nitrobenzene-d5
 Concen: 68.00 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.01 min
 Lab File: BF084241.D
 Acq: 4 Jan 2016 16:17

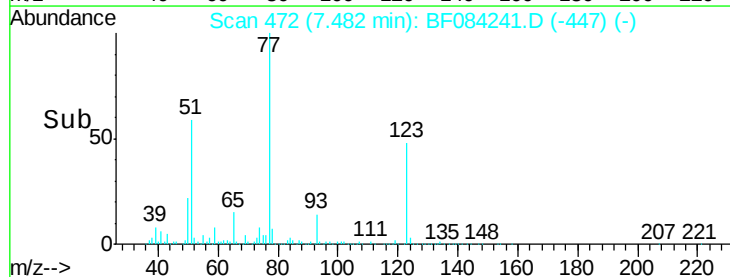
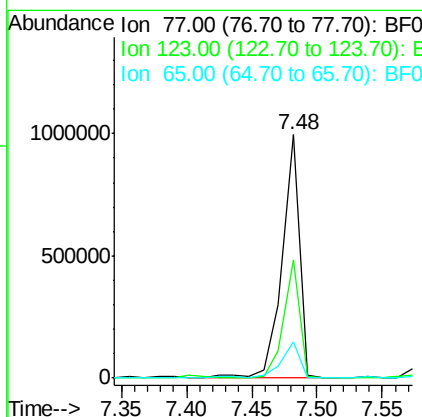
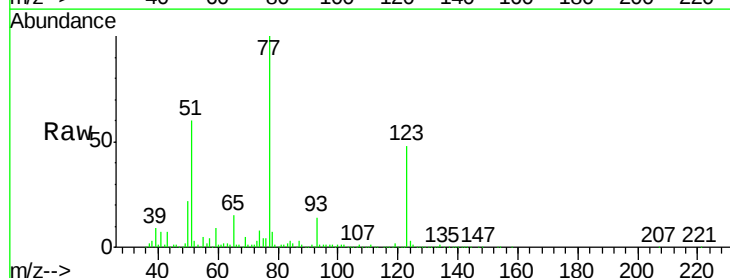
Instrument :
 BNA_F
 ClientSampleId :
 S8-0529MS

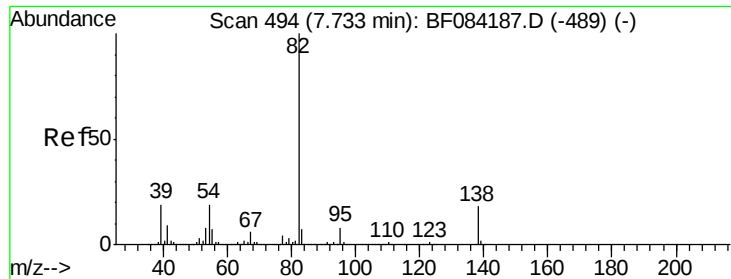
Tgt Ion: 82 Resp: 1538929
 Ion Ratio Lower Upper
 82 100
 128 40.8 34.6 51.8
 54 61.7 38.4 57.6#



#24
 Nitrobenzene
 Concen: 40.56 ng
 RT: 7.48 min Scan# 472
 Delta R.T. -0.01 min
 Lab File: BF084241.D
 Acq: 4 Jan 2016 16:17

Tgt Ion: 77 Resp: 931002
 Ion Ratio Lower Upper
 77 100
 123 48.4 37.4 56.2
 65 14.8 10.9 16.3





#25

Isophorone

Concen: 33.98 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

Instrument :

BNA_F

ClientSampleId :

S8-0529MS

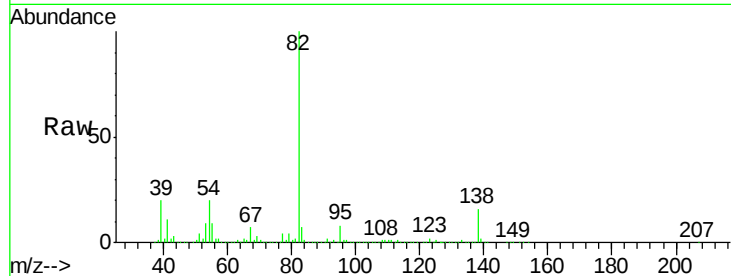
Tgt Ion: 82 Resp: 1470661

Ion Ratio Lower Upper

82 100

95 8.4 6.6 10.0

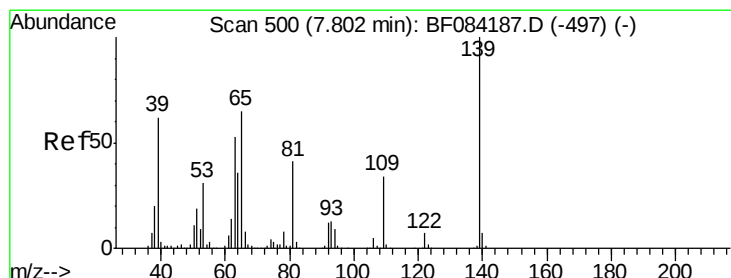
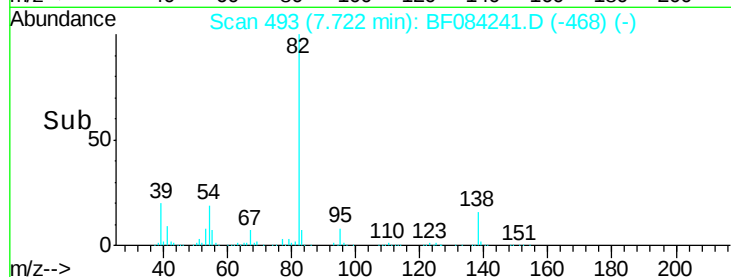
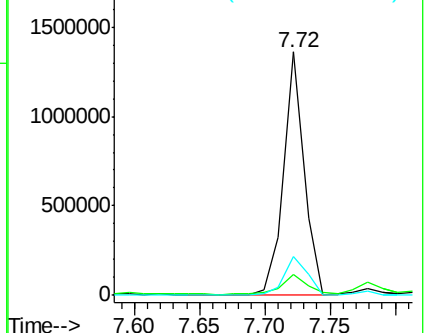
138 15.8 13.6 20.4



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: 35.47 ng

RT: 7.80 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

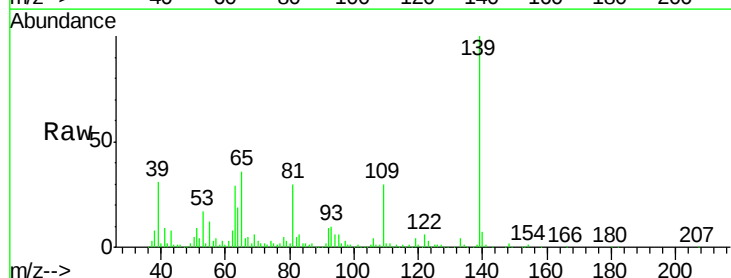
Tgt Ion: 139 Resp: 370522

Ion Ratio Lower Upper

139 100

109 30.4 25.4 38.2

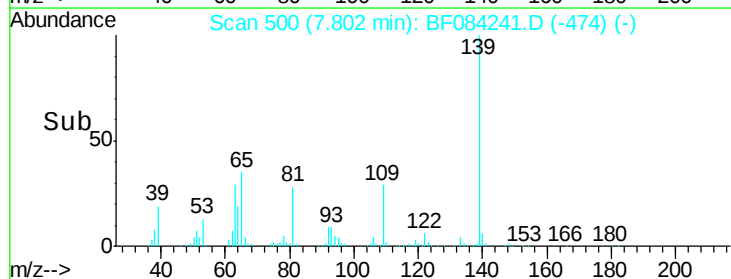
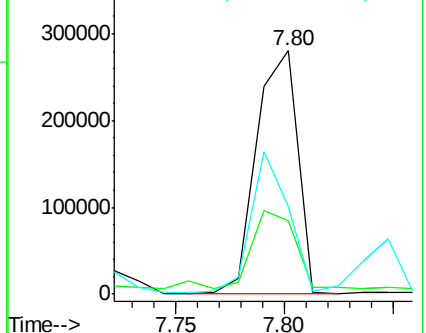
65 35.7 32.3 48.5

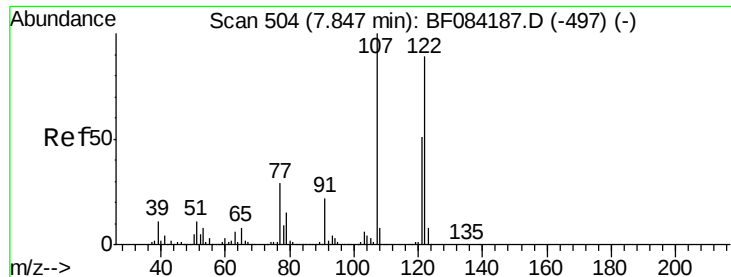


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 32.75 ng

RT: 7.85 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

Instrument :

BNA_F

ClientSampleId :

S8-0529MS

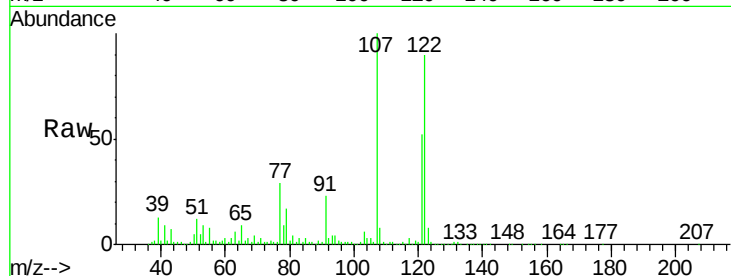
Tgt Ion:122 Resp: 692491

Ion Ratio Lower Upper

122 100

107 111.4 99.1 148.7

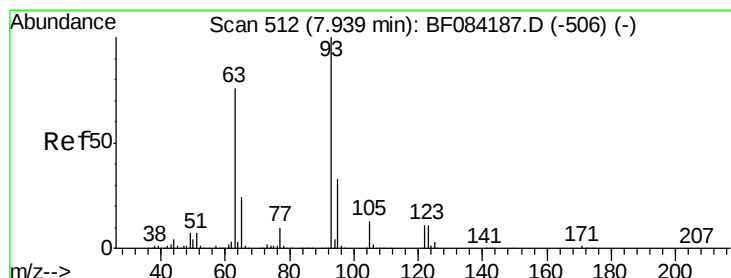
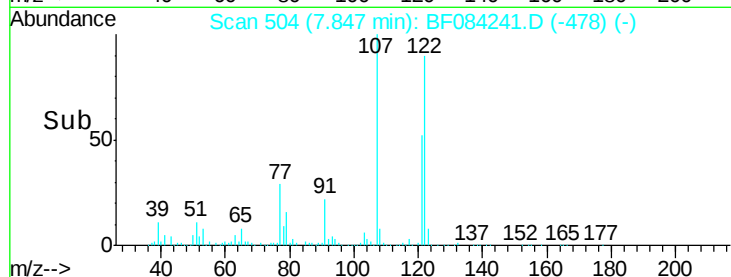
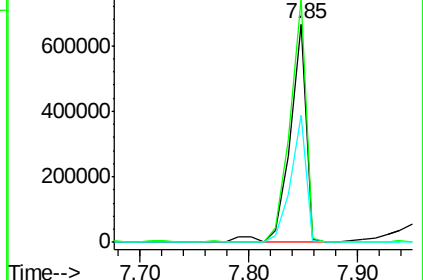
121 58.1 47.9 71.9



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: 37.30 ng

RT: 7.94 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

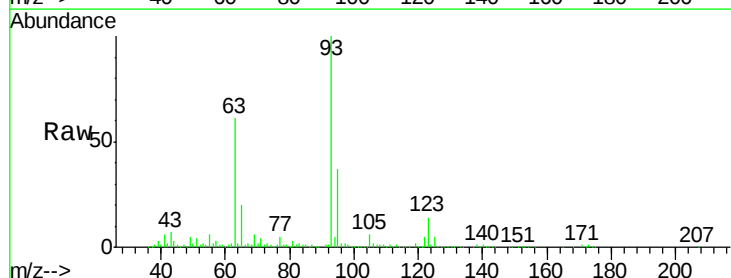
Tgt Ion: 93 Resp: 986202

Ion Ratio Lower Upper

93 100

95 37.2 25.8 38.6

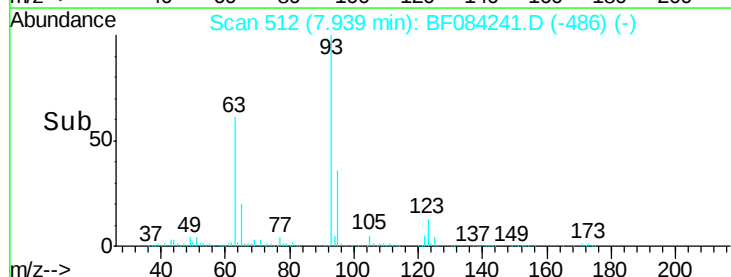
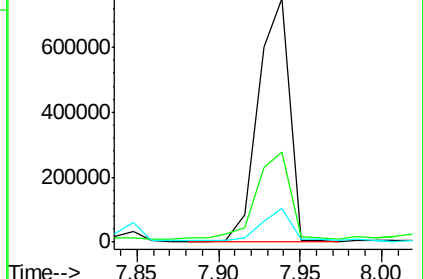
123 13.6 8.6 12.8#

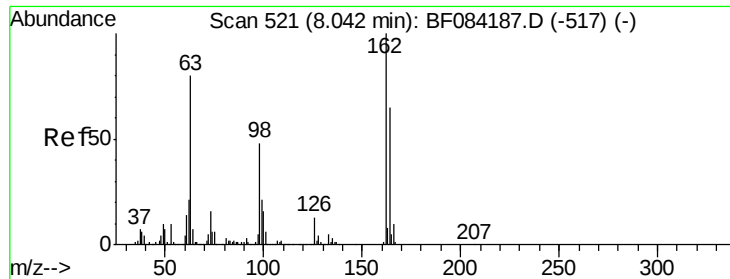


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

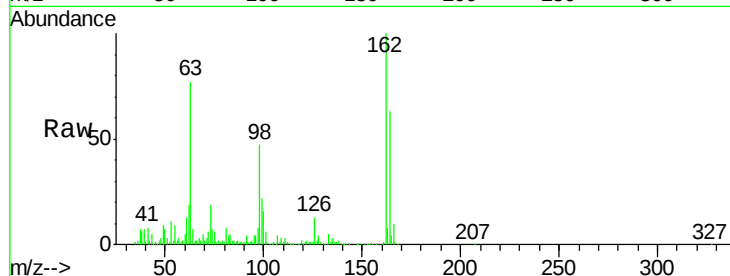




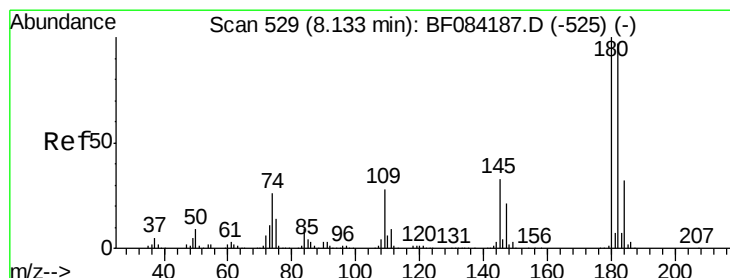
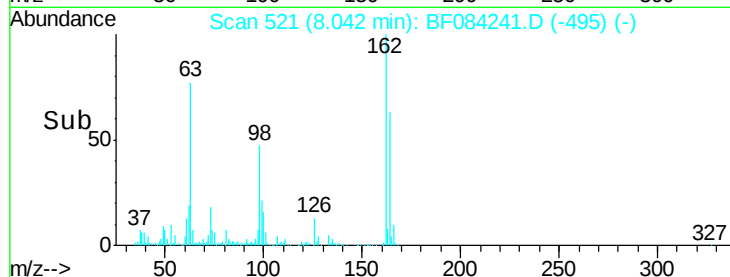
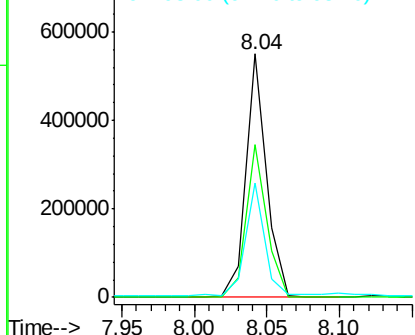
#29
2,4-Dichlorophenol
Concen: 30.71 ng
RT: 8.04 min Scan# 521
Delta R.T. 0.00 min
Lab File: BF084241.D
Acq: 4 Jan 2016 16:17

Instrument :
BNA_F
ClientSampleId :
S8-0529MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.7	44.1	84.1
98	46.9	20.2	60.2

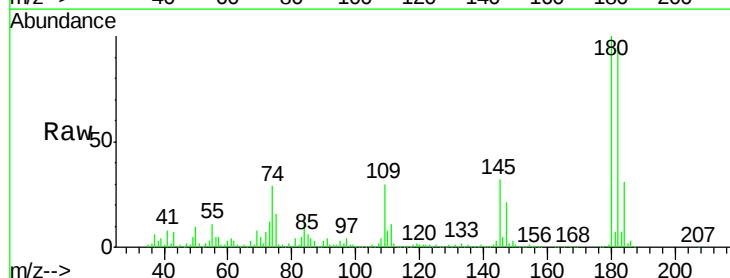


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

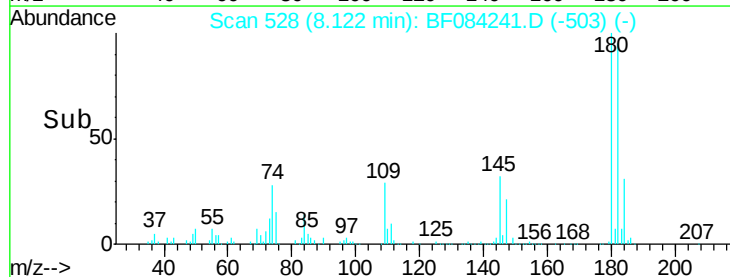
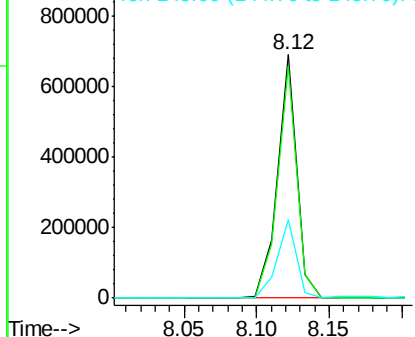


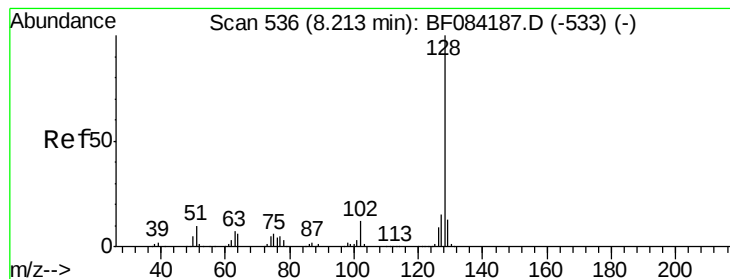
#30
1,2,4-Trichlorobenzene
Concen: 34.84 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF084241.D
Acq: 4 Jan 2016 16:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.4	114.6
145	32.2	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





#31

Naphthalene

Concen: 35.30 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

Instrument :

BNA_F

ClientSampleId :

S8-0529MS

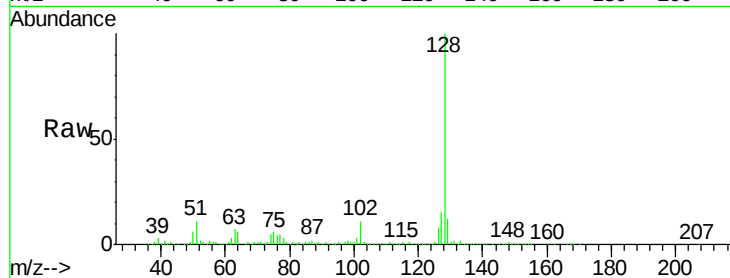
Tgt Ion:128 Resp: 2017341

Ion Ratio Lower Upper

128 100

129 12.4 9.1 13.7

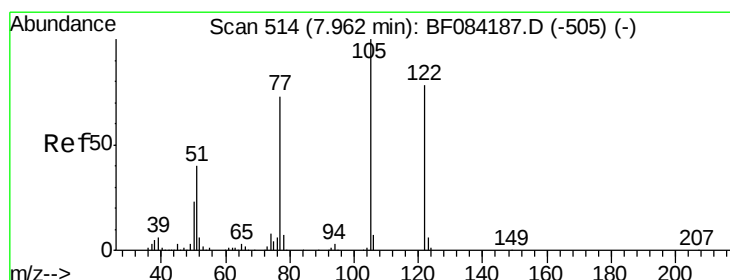
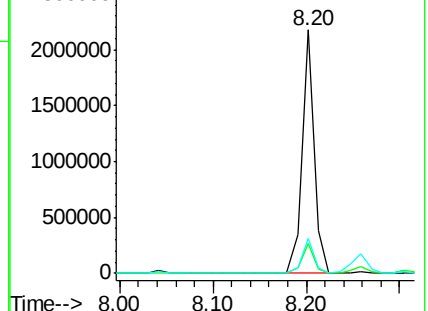
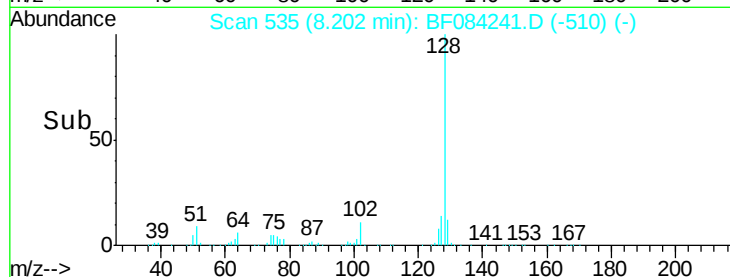
127 14.6 11.1 16.7



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: 17.41 ng

RT: 7.96 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

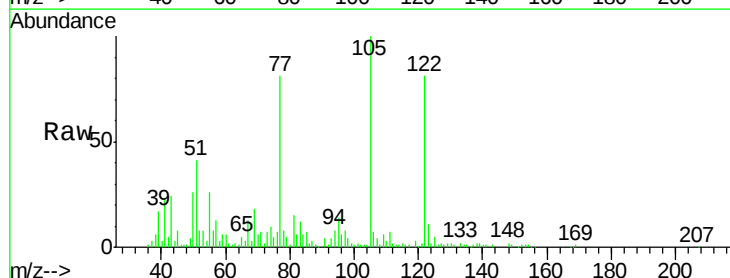
Tgt Ion:122 Resp: 174574

Ion Ratio Lower Upper

122 100

105 123.9 100.3 140.3

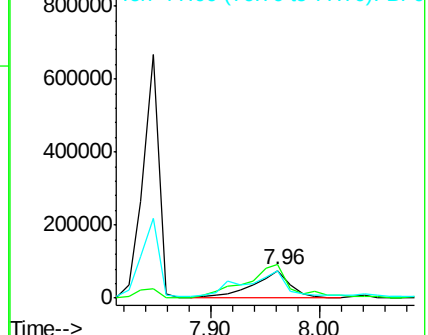
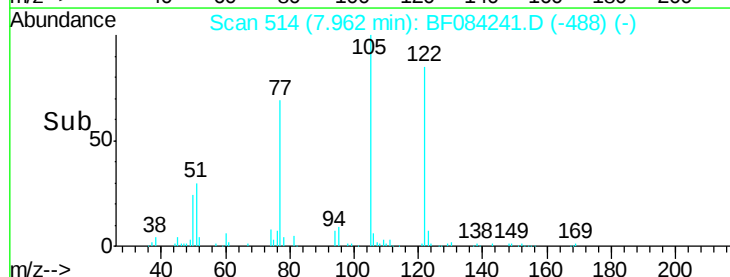
77 100.4 63.5 103.5

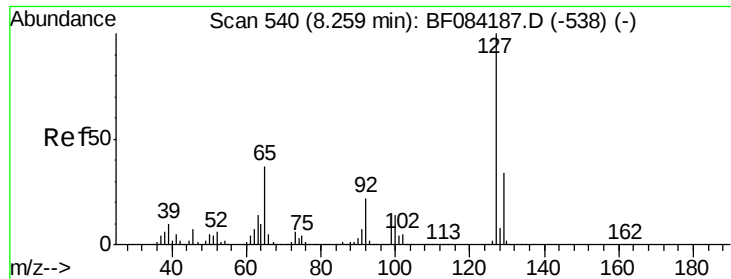


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

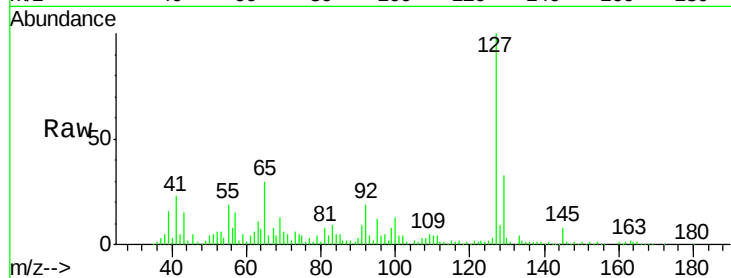




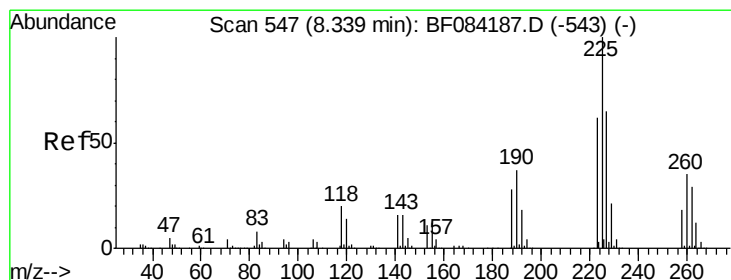
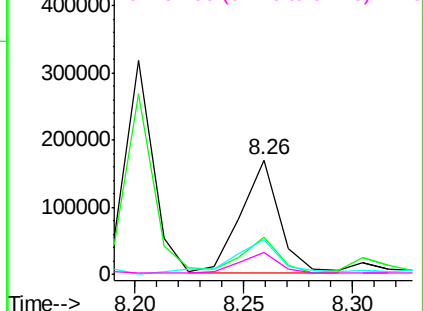
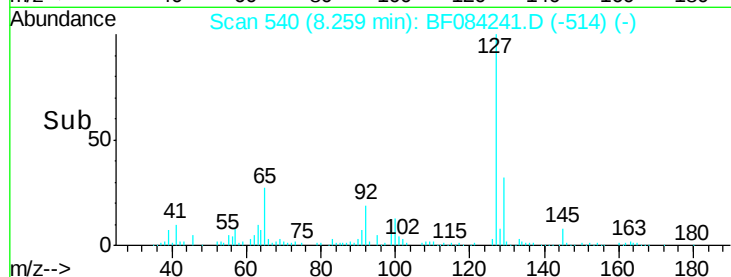
#33
 4-Chloroaniline
 Concen: 8.00 ng
 RT: 8.26 min Scan# 540
 Delta R.T. 0.00 min
 Lab File: BF084241.D
 Acq: 4 Jan 2016 16:17

Instrument :
 BNA_F
 ClientSampleId :
 S8-0529MS

Tgt Ion:	127	Resp:	209515
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.5	39.7
65	29.8	27.2	40.8
92	19.4	17.7	26.5

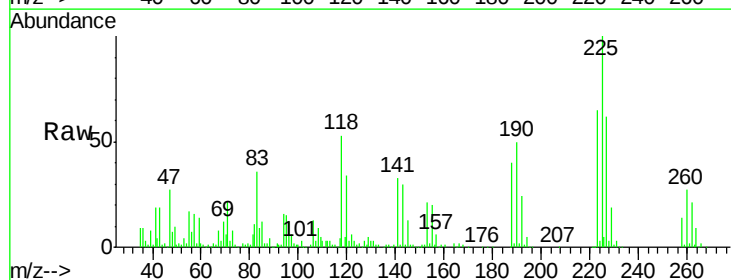


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

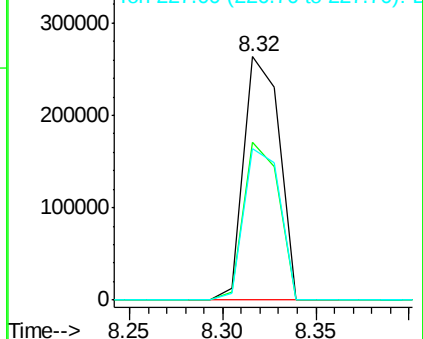
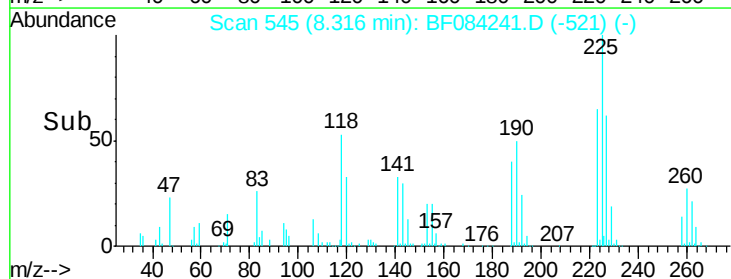


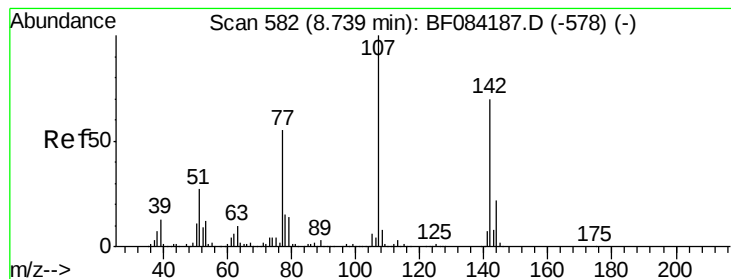
#34
 Hexachlorobutadiene
 Concen: 33.29 ng
 RT: 8.32 min Scan# 545
 Delta R.T. -0.02 min
 Lab File: BF084241.D
 Acq: 4 Jan 2016 16:17

Tgt Ion:	225	Resp:	347984
Ion	Ratio	Lower	Upper
225	100		
223	64.7	49.4	74.0
227	62.1	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: 32.39 ng

RT: 8.75 min Scan# 583

Delta R.T. 0.01 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

Instrument :

BNA_F

ClientSampleId :

S8-0529MS

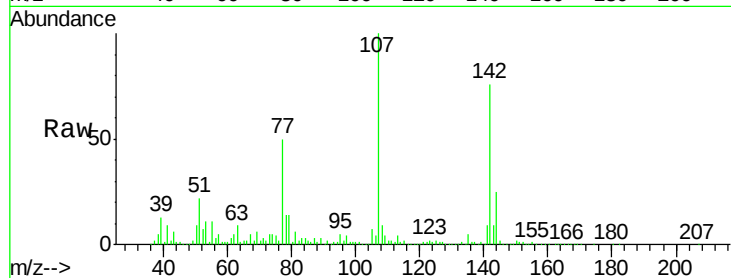
Tgt Ion:107 Resp: 638986

Ion Ratio Lower Upper

107 100

144 25.1 19.7 29.5

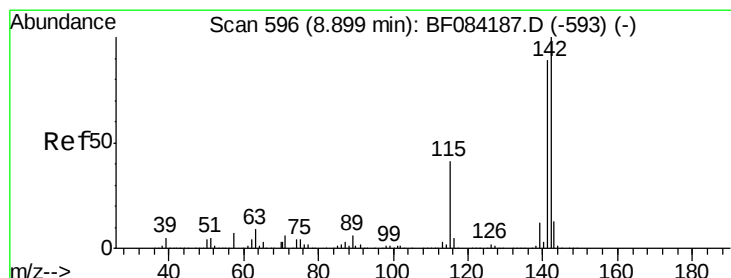
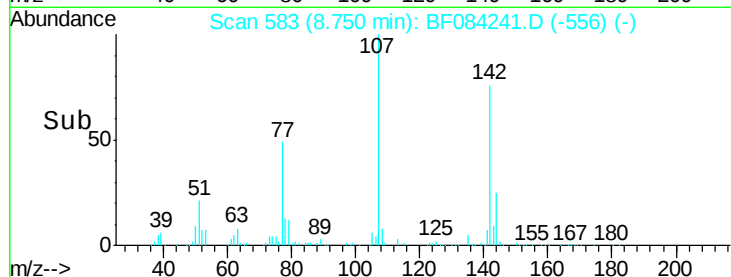
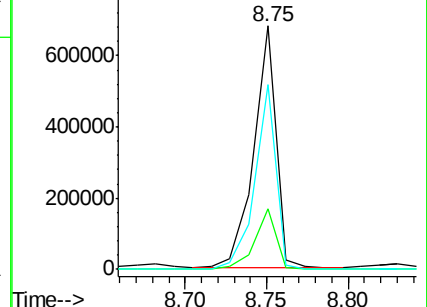
142 75.8 61.8 92.6



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: 37.23 ng

RT: 8.90 min Scan# 596

Delta R.T. 0.00 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

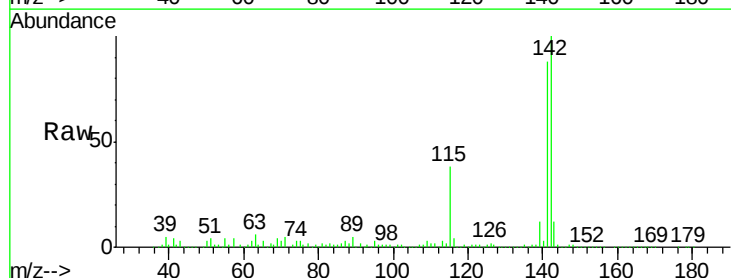
Tgt Ion:142 Resp: 1527191

Ion Ratio Lower Upper

142 100

141 87.6 72.4 108.6

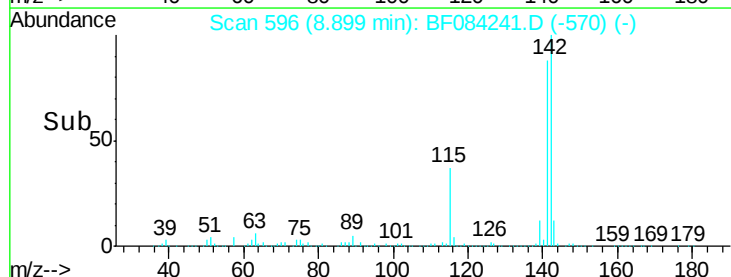
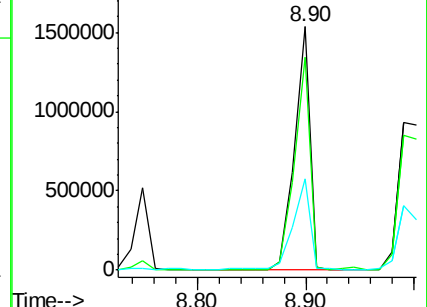
115 37.7 27.9 41.9

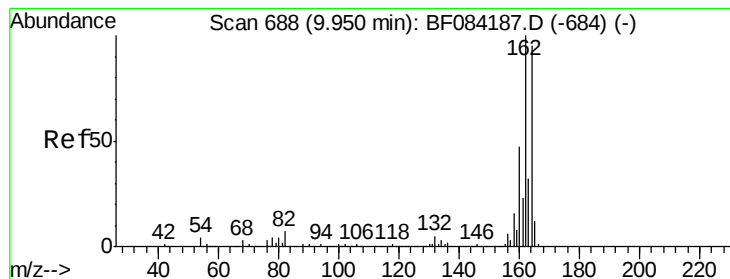


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.94 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

Instrument :

BNA_F

ClientSampleId :

S8-0529MS

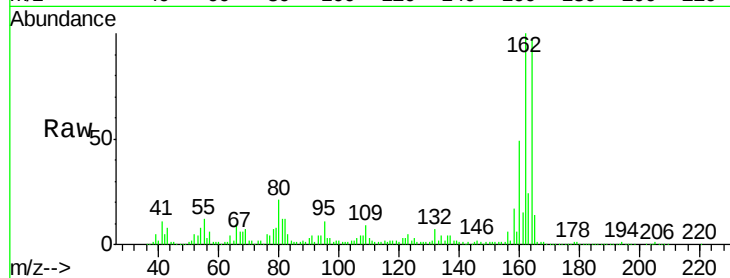
Tgt Ion:164 Resp: 566572

Ion Ratio Lower Upper

164 100

162 102.9 85.1 127.7

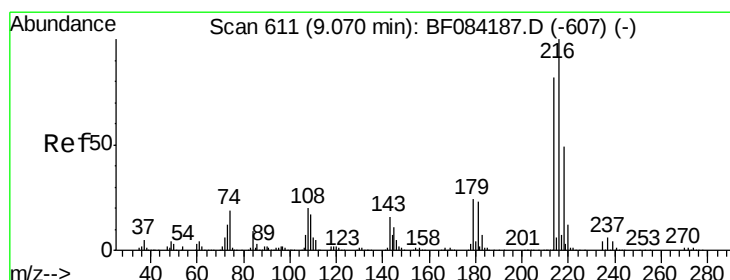
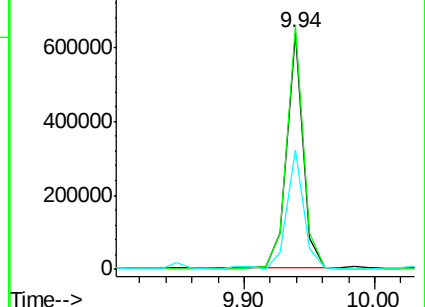
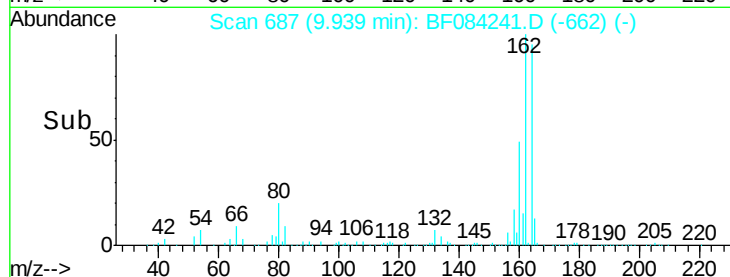
160 50.6 37.5 56.3



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: 34.02 ng

RT: 9.06 min Scan# 610

Delta R.T. -0.01 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

Tgt Ion:216 Resp: 554115

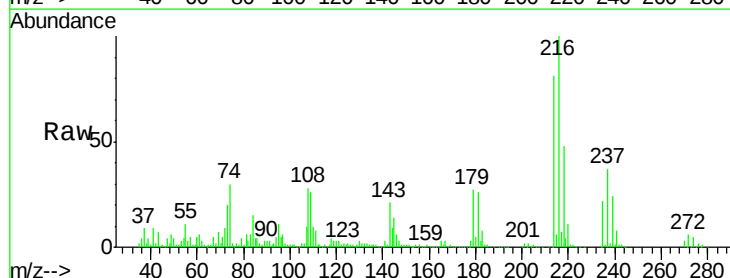
Ion Ratio Lower Upper

216 100

214 79.2 64.2 96.2

179 25.0 18.7 28.1

108 30.2 16.8 25.2#

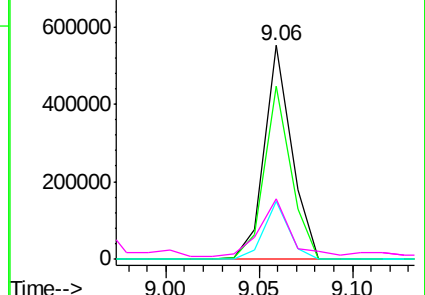
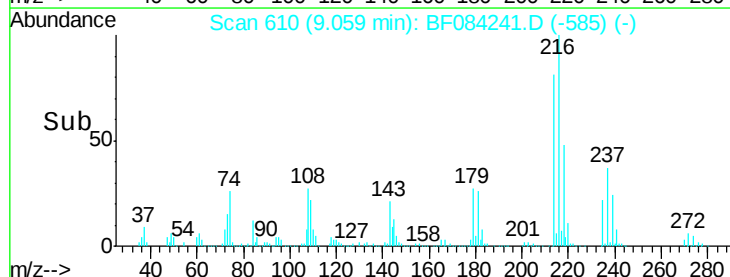


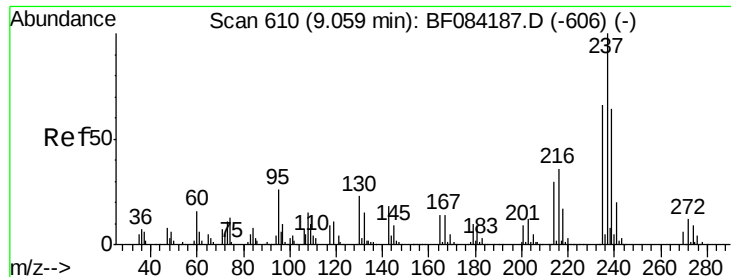
Abundance Ion 216.00 (215.70 to 216.70): E

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

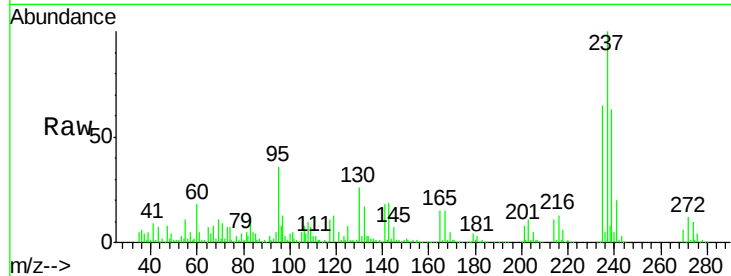




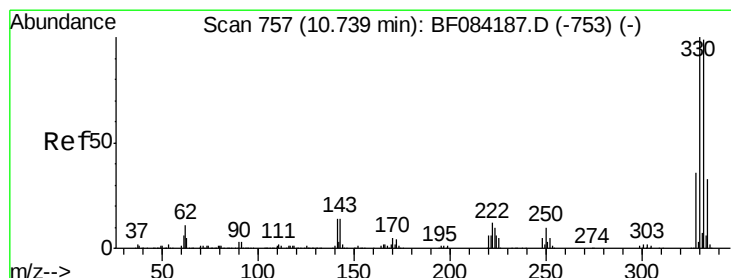
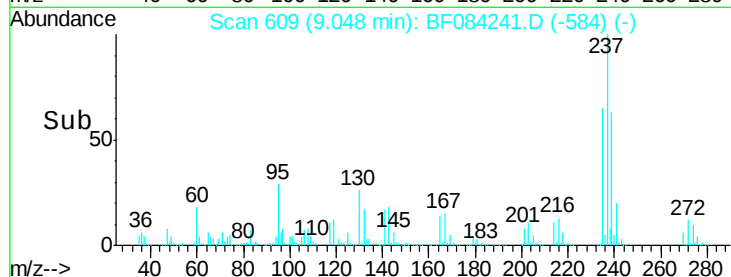
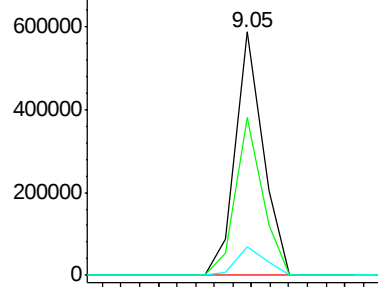
#40
Hexachlorocyclopentadiene
Concen: 61.36 ng
RT: 9.05 min Scan# 609
Delta R.T. -0.01 min
Lab File: BF084241.D
Acq: 4 Jan 2016 16:17

Instrument :
BNA_F
ClientSampleId :
S8-0529MS

Tgt Ion: 237 Resp: 603282
Ion Ratio Lower Upper
237 100
235 64.7 43.1 83.1
272 11.5 0.0 35.1

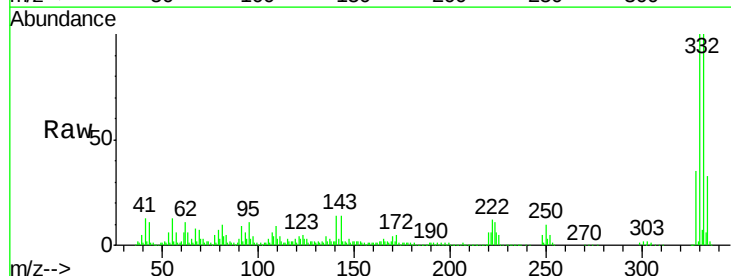


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

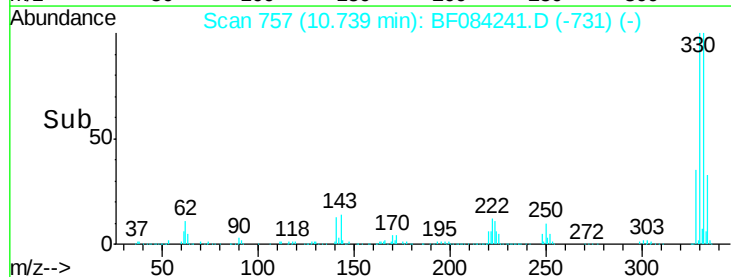
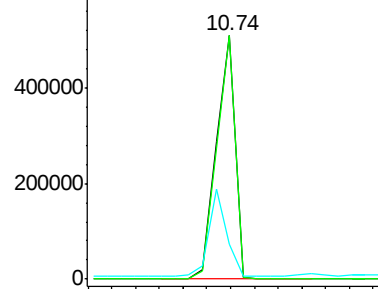


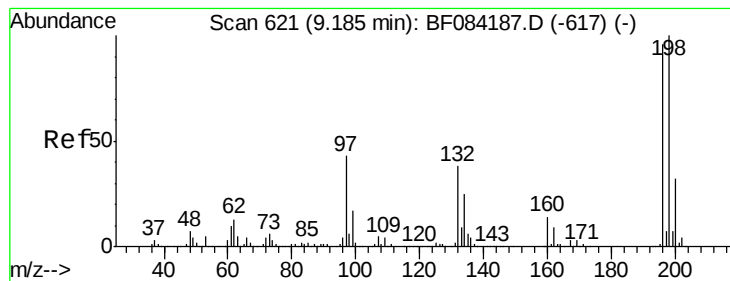
#41
2,4,6-Tribromophenol
Concen: 98.84 ng
RT: 10.74 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF084241.D
Acq: 4 Jan 2016 16:17

Tgt Ion: 330 Resp: 565385
Ion Ratio Lower Upper
330 100
332 98.4 76.6 114.8
141 33.6 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

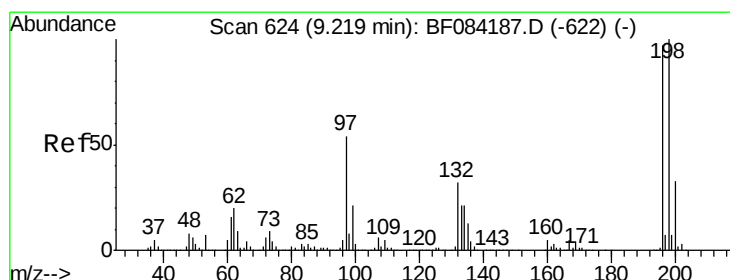
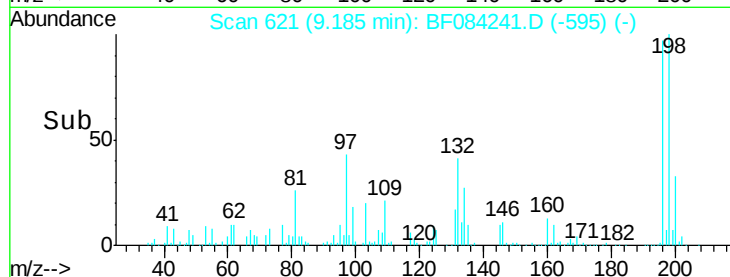
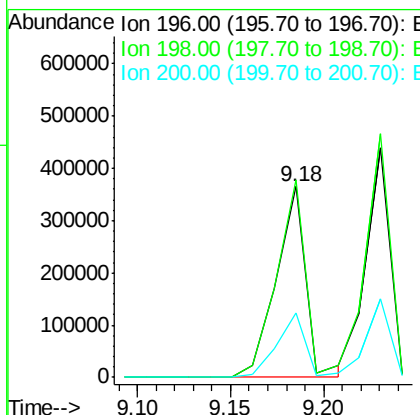
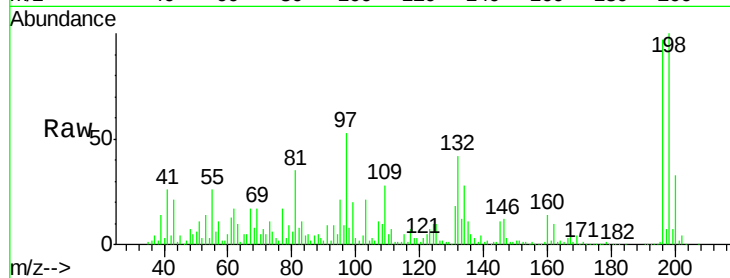




#42
 2,4,6-Trichlorophenol
 Concen: 33.18 ng
 RT: 9.18 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF084241.D
 Acq: 4 Jan 2016 16:17

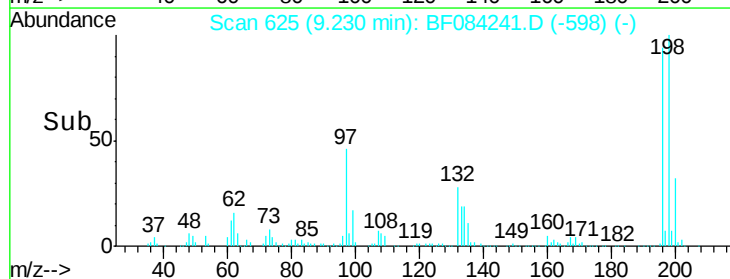
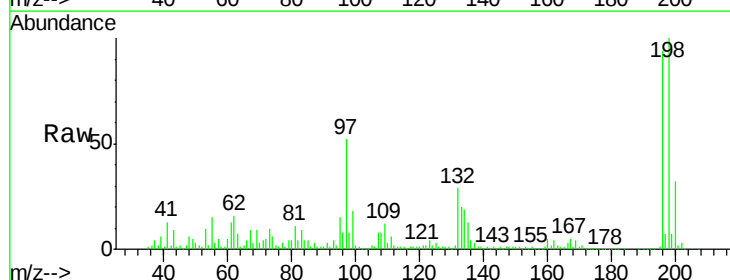
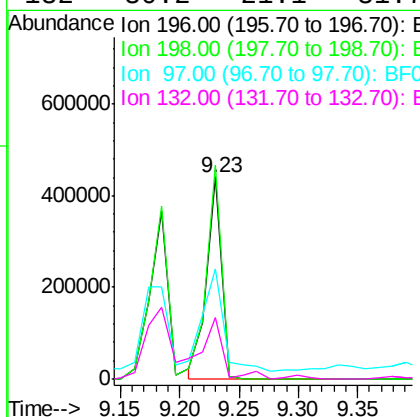
Instrument :
 BNA_F
 ClientSampleId :
 S8-0529MS

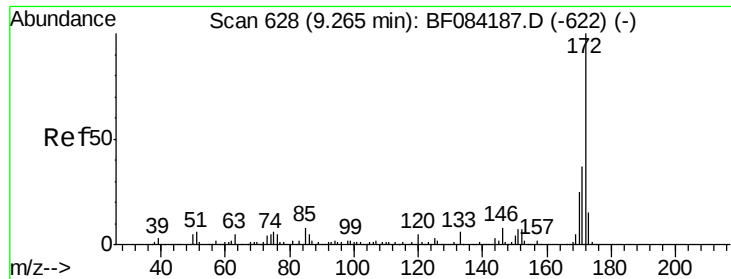
Tgt Ion:196 Resp: 404277
 Ion Ratio Lower Upper
 196 100
 198 103.5 77.7 116.5
 200 33.8 24.6 37.0



#43
 2,4,5-Trichlorophenol
 Concen: 33.44 ng
 RT: 9.23 min Scan# 625
 Delta R.T. 0.01 min
 Lab File: BF084241.D
 Acq: 4 Jan 2016 16:17

Tgt Ion:196 Resp: 390623
 Ion Ratio Lower Upper
 196 100
 198 105.9 79.0 118.6
 97 54.7 33.0 49.6#
 132 30.2 21.1 31.7





#44

2-Fluorobiphenyl

Concen: 82.16 ng

RT: 9.26 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

Instrument :

BNA_F

ClientSampleId :

S8-0529MS

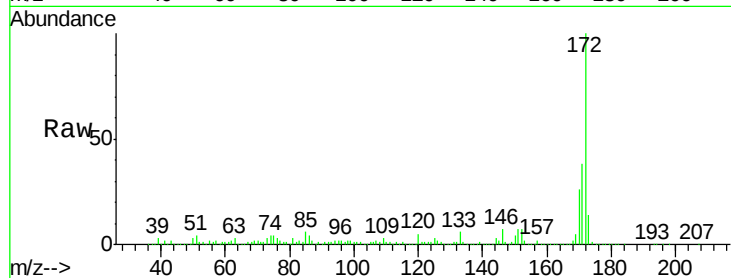
Tgt Ion:172 Resp: 2652792

Ion Ratio Lower Upper

172 100

171 38.3 28.9 43.3

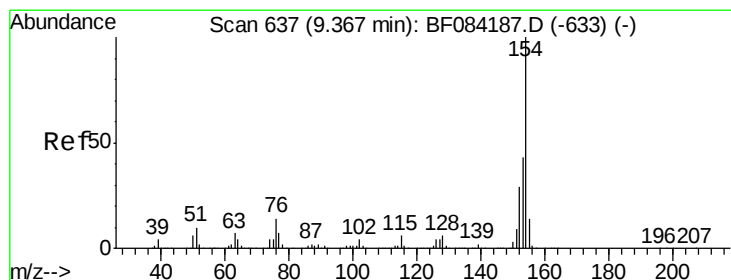
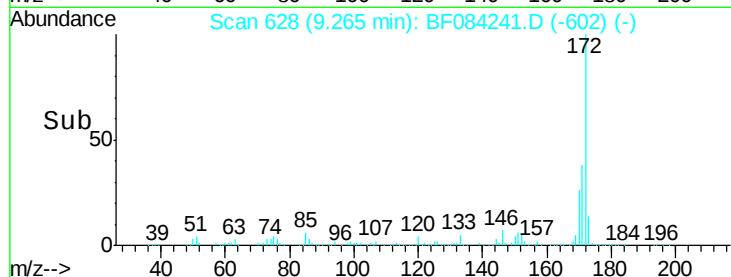
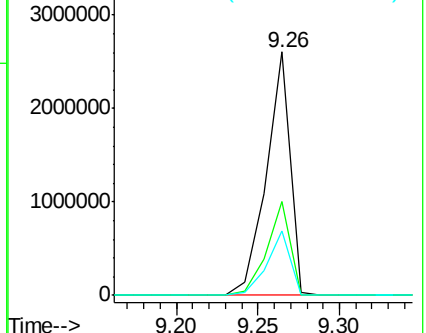
170 26.2 18.6 27.8



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 37.24 ng

RT: 9.37 min Scan# 637

Delta R.T. 0.00 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

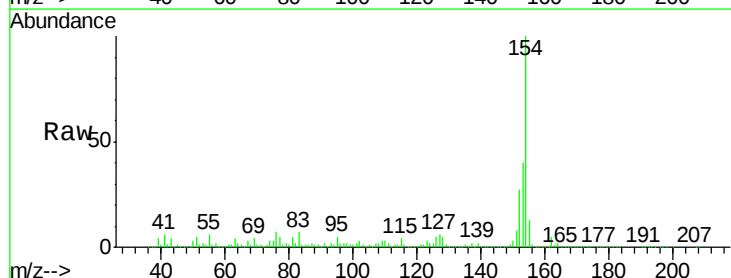
Tgt Ion:154 Resp: 1676941

Ion Ratio Lower Upper

154 100

153 40.2 21.6 61.6

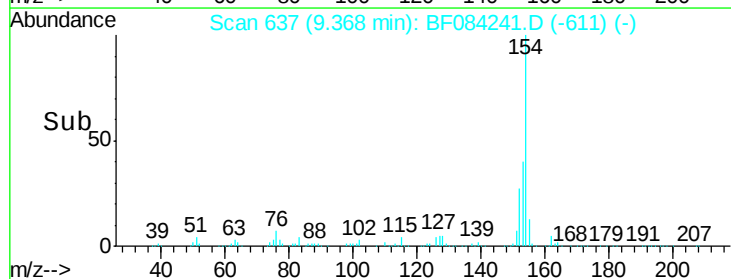
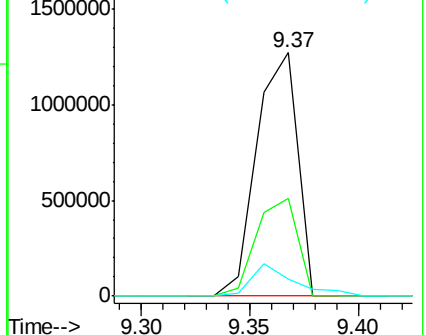
76 7.0 0.0 32.7

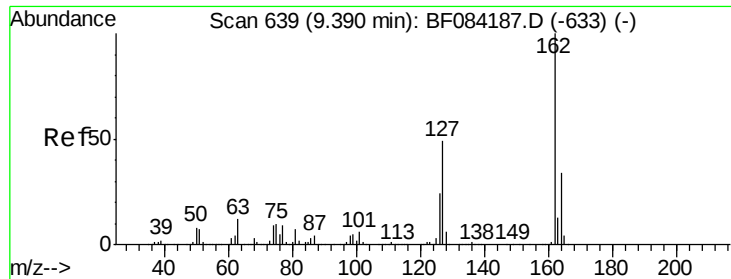


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

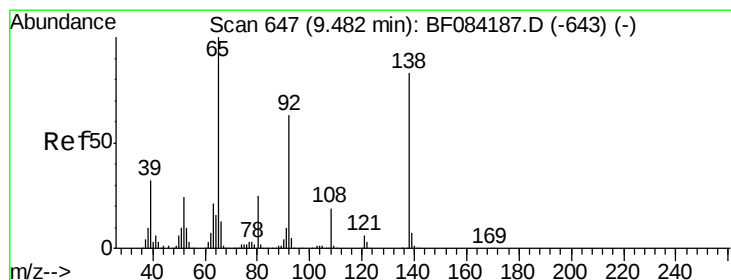
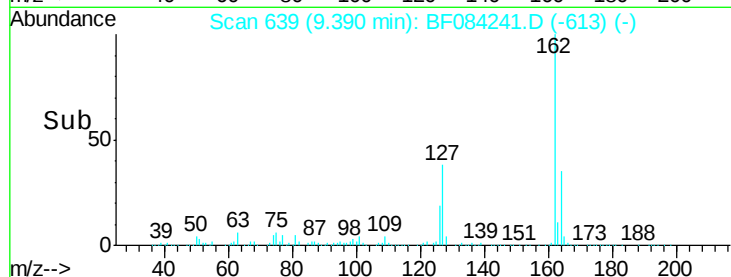
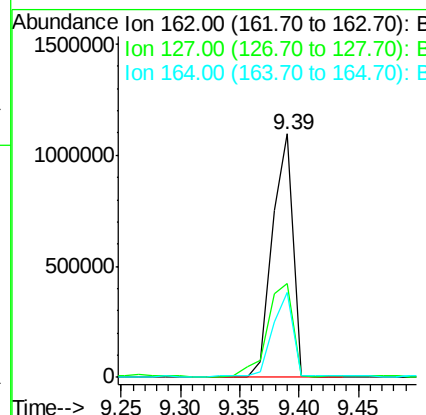
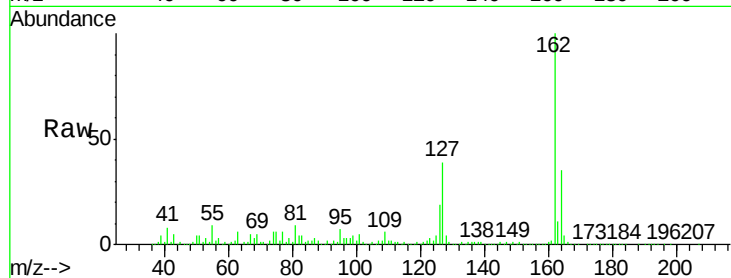




#46
2-Chloronaphthalene
Concen: 37.43 ng
RT: 9.39 min Scan# 639
Delta R.T. 0.00 min
Lab File: BF084241.D
Acq: 4 Jan 2016 16:17

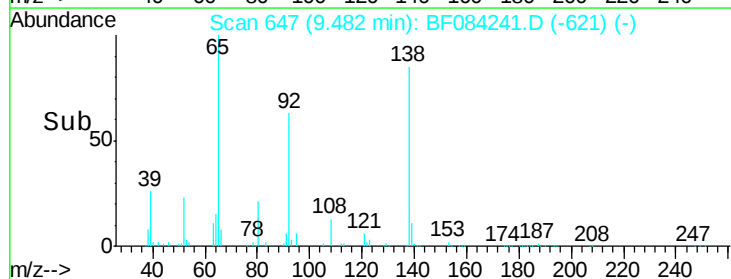
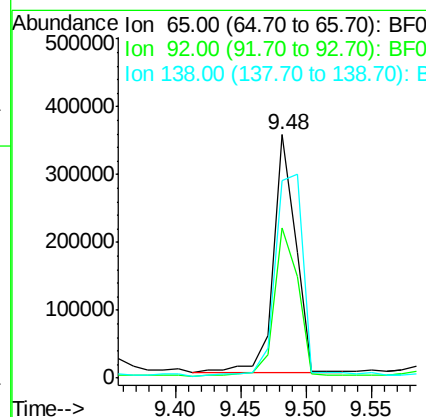
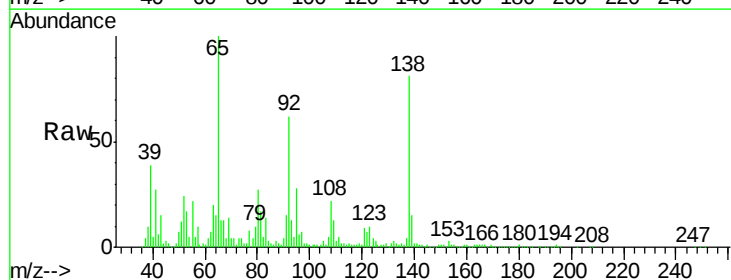
Instrument :
BNA_F
ClientSampleId :
S8-0529MS

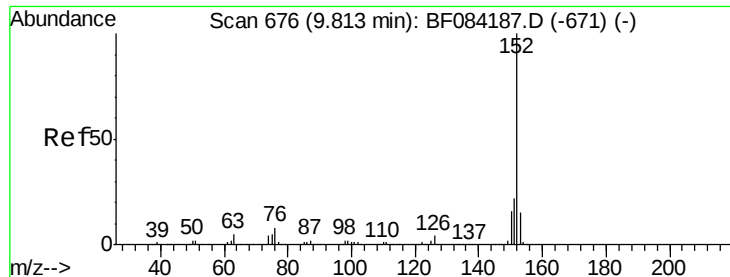
Tgt Ion: 162 Resp: 1323997
Ion Ratio Lower Upper
162 100
127 38.5 40.2 60.4#
164 34.7 25.7 38.5



#47
2-Nitroaniline
Concen: 35.81 ng
RT: 9.48 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF084241.D
Acq: 4 Jan 2016 16:17

Tgt Ion: 65 Resp: 418019
Ion Ratio Lower Upper
65 100
92 61.8 53.4 80.2
138 81.4 71.1 106.7





#48

Acenaphthylene

Concen: 35.42 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

Instrument :

BNA_F

ClientSampleId :

S8-0529MS

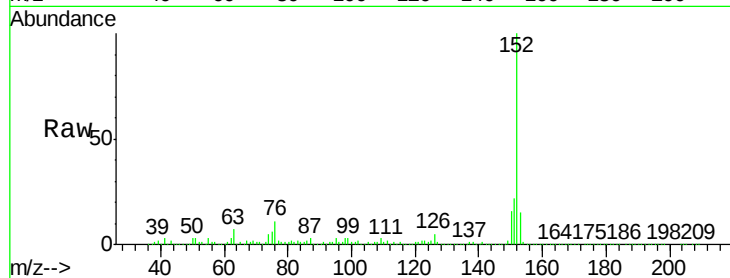
Tgt Ion:152 Resp: 1850795

Ion Ratio Lower Upper

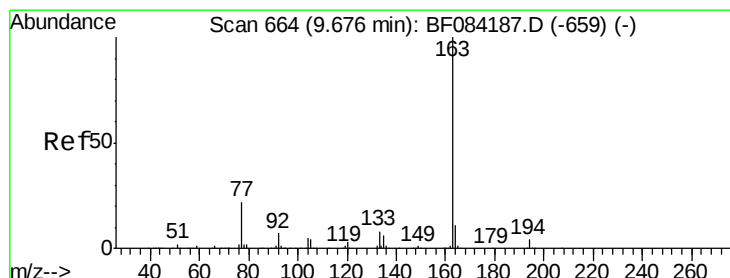
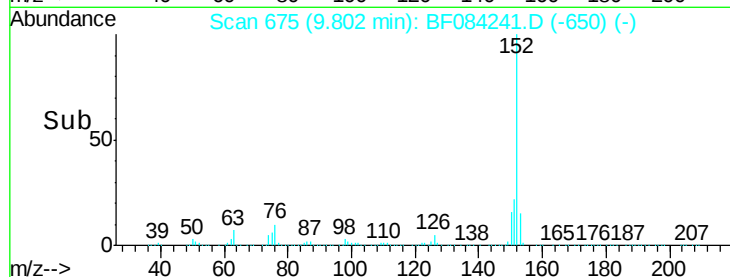
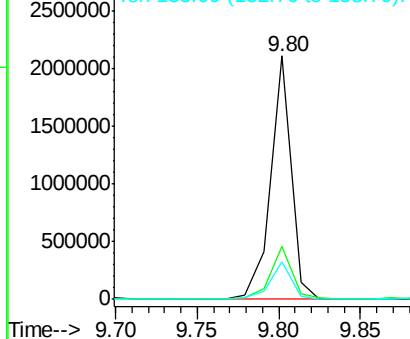
152 100

151 21.9 16.3 24.5

153 15.4 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: 41.24 ng

RT: 9.68 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

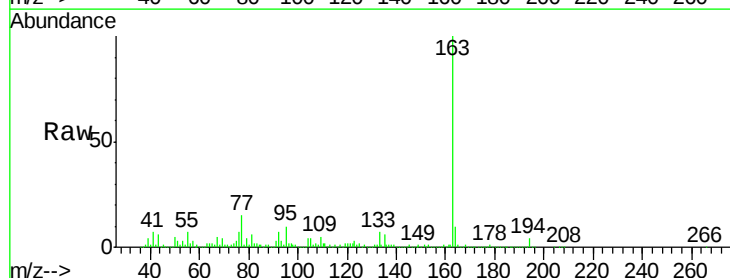
Tgt Ion:163 Resp: 1670252

Ion Ratio Lower Upper

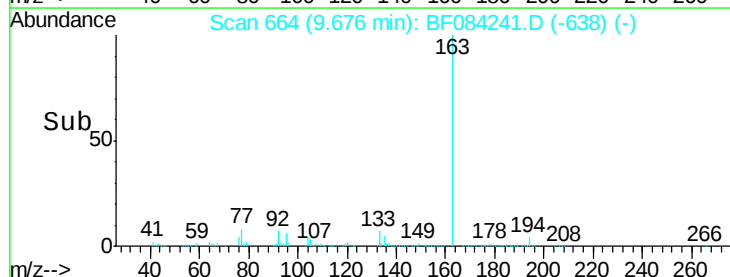
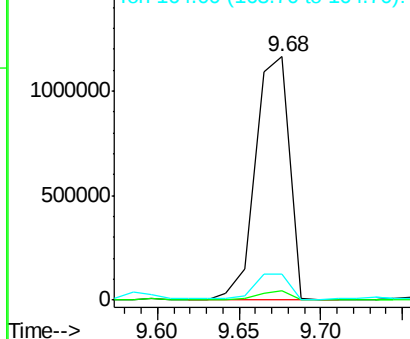
163 100

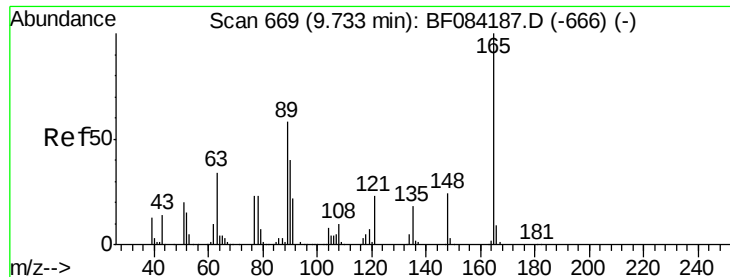
194 4.0 8.0 12.0#

164 10.4 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

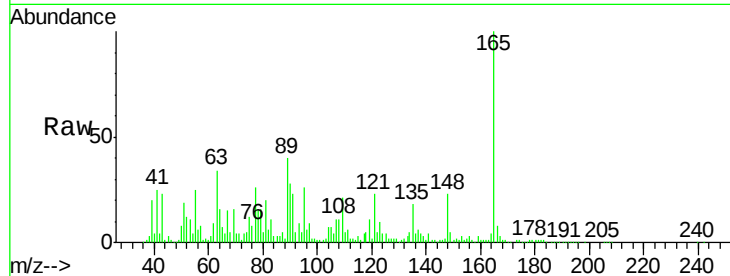




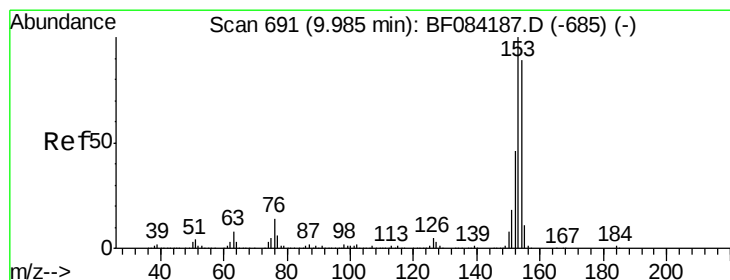
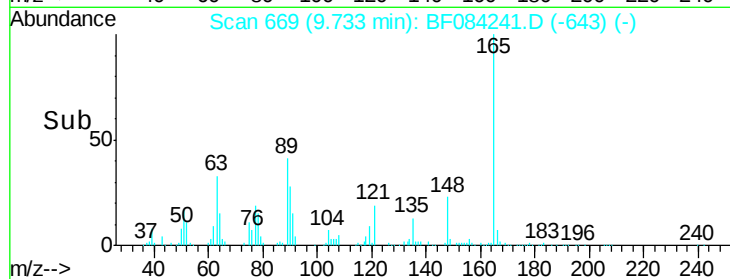
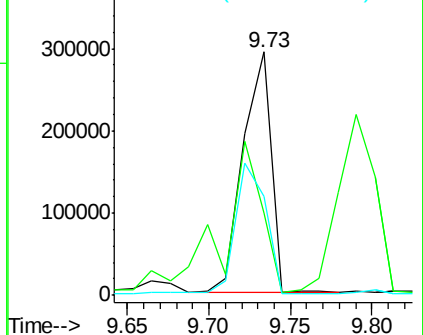
#50
2,6-Dinitrotoluene
Concen: 39.24 ng
RT: 9.73 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF084241.D
Acq: 4 Jan 2016 16:17

Instrument :
BNA_F
ClientSampleId :
S8-0529MS

Tgt Ion:165 Resp: 348605
Ion Ratio Lower Upper
165 100
63 33.6 28.8 43.2
89 40.5 35.1 52.7

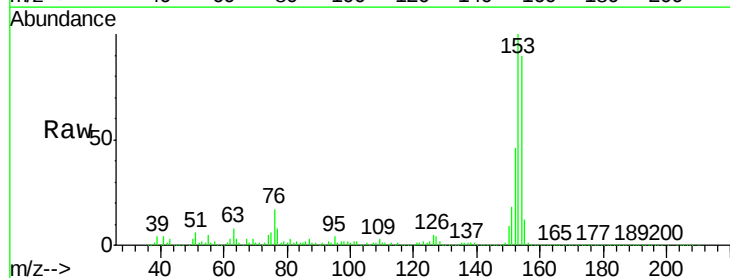


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

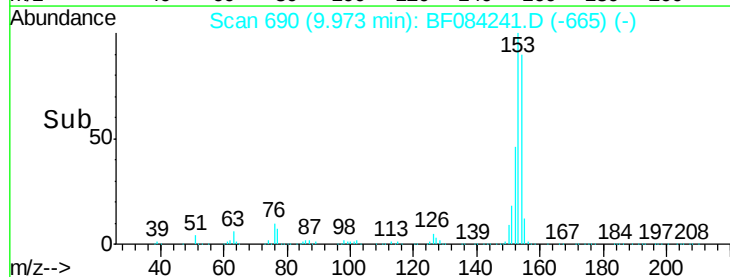
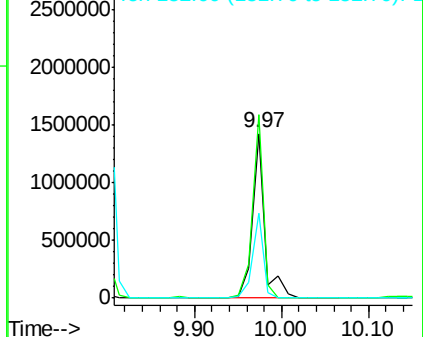


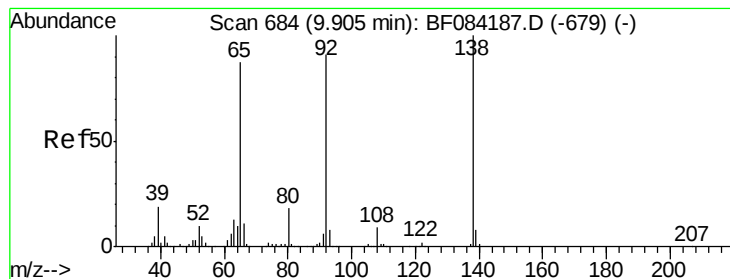
#51
Acenaphthene
Concen: 39.90 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF084241.D
Acq: 4 Jan 2016 16:17

Tgt Ion:154 Resp: 1398629
Ion Ratio Lower Upper
154 100
153 111.2 91.5 137.3
152 51.5 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: 10.46 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

Instrument :

BNA_F

ClientSampleId :

S8-0529MS

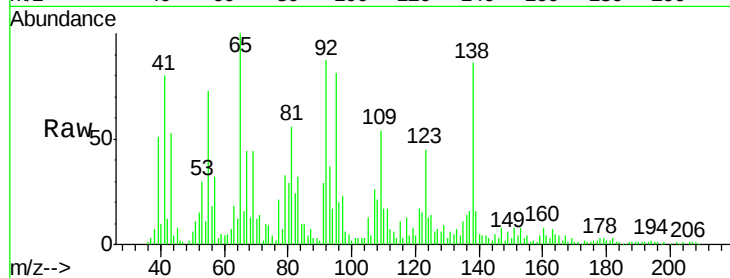
Tgt Ion:138 Resp: 115149

Ion Ratio Lower Upper

138 100

108 24.8 10.5 15.7#

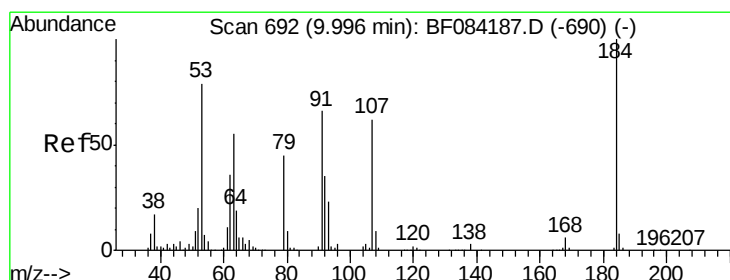
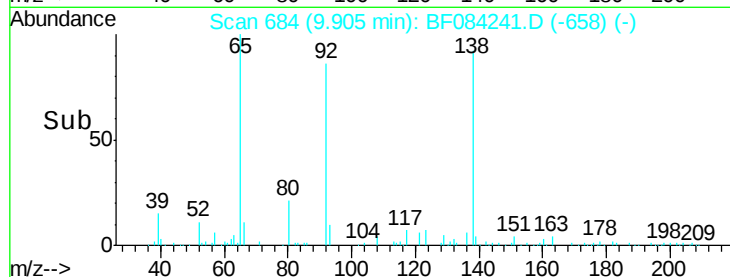
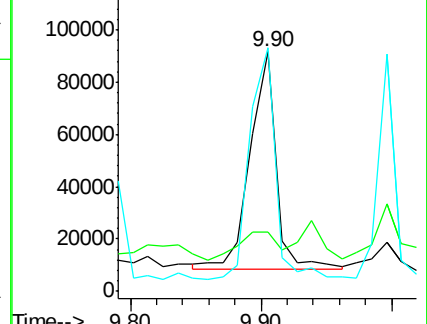
92 101.7 103.9 155.9#



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: 63.05 ng

RT: 10.00 min Scan# 692

Delta R.T. 0.00 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

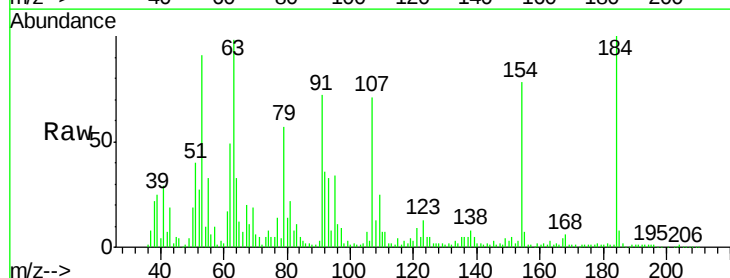
Tgt Ion:184 Resp: 235622

Ion Ratio Lower Upper

184 100

63 97.7 43.1 64.7#

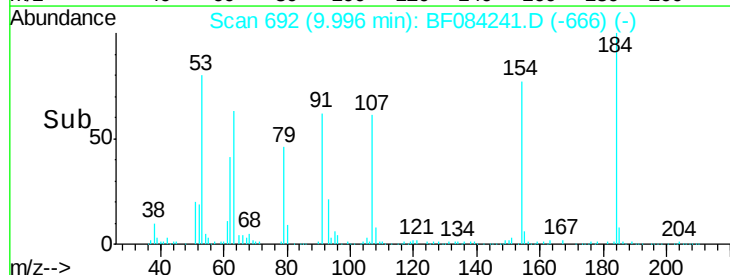
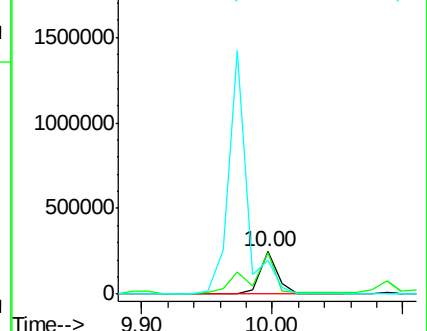
154 78.3 60.5 90.7

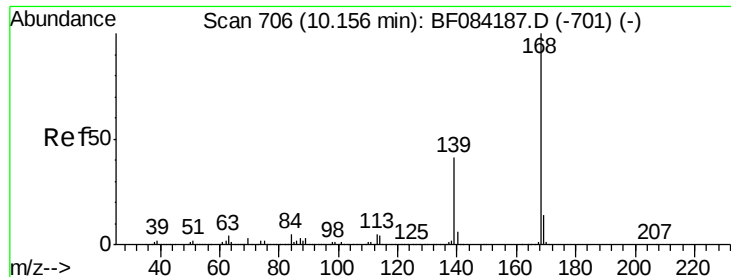


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 35.57 ng

RT: 10.14 min Scan# 705

Delta R.T. -0.01 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

Instrument :

BNA_F

ClientSampleId :

S8-0529MS

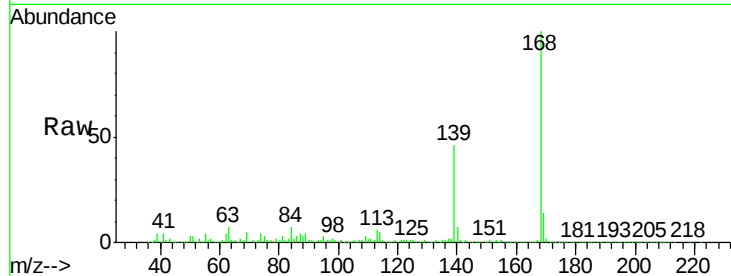
Tgt Ion:168 Resp: 1642895

Ion Ratio Lower Upper

168 100

139 46.2 30.5 45.7#

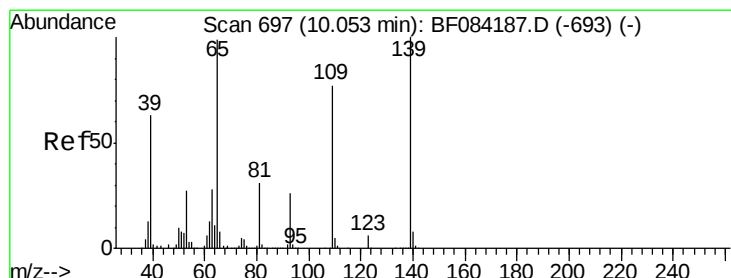
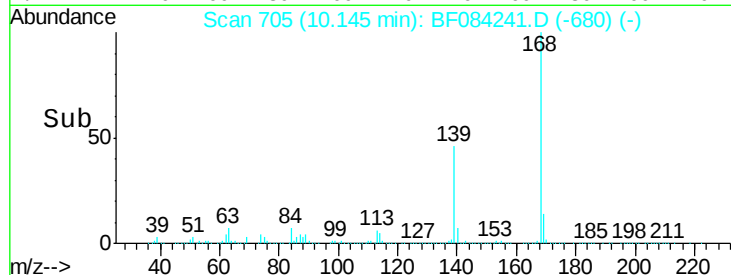
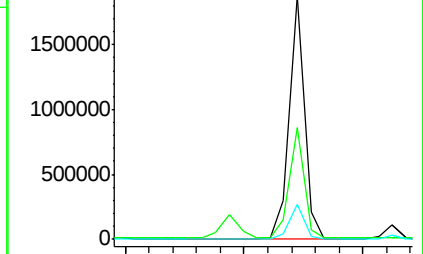
169 14.3 10.4 15.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 24.81 ng

RT: 10.09 min Scan# 700

Delta R.T. 0.03 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

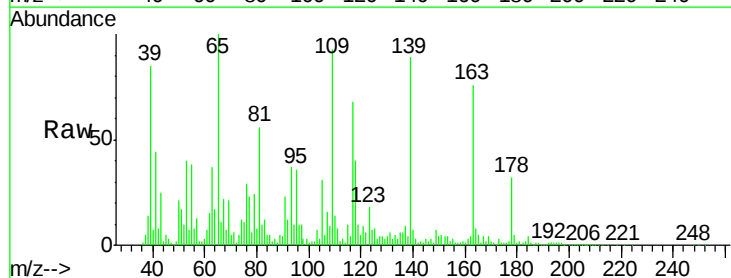
Tgt Ion:139 Resp: 198217

Ion Ratio Lower Upper

139 100

109 104.2 58.5 98.5#

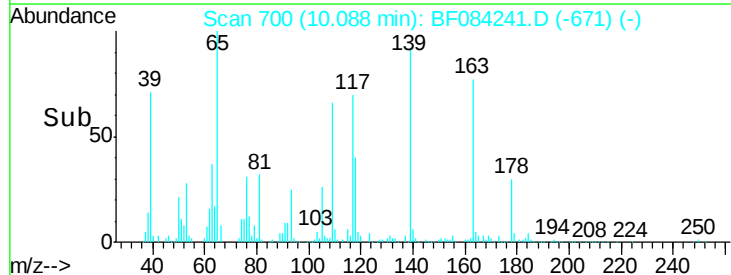
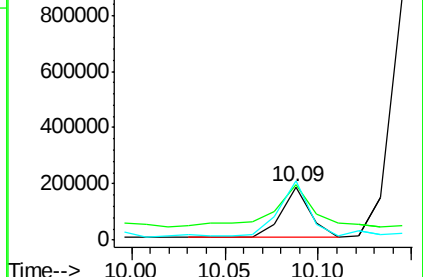
65 112.4 57.6 97.6#

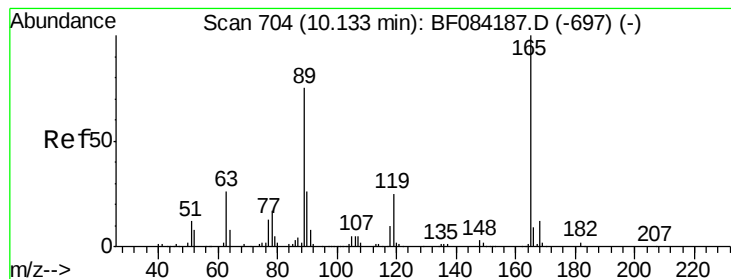


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 39.66 ng

RT: 10.12 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

Instrument :

BNA_F

ClientSampleId :

S8-0529MS

Tgt Ion:165 Resp: 445952

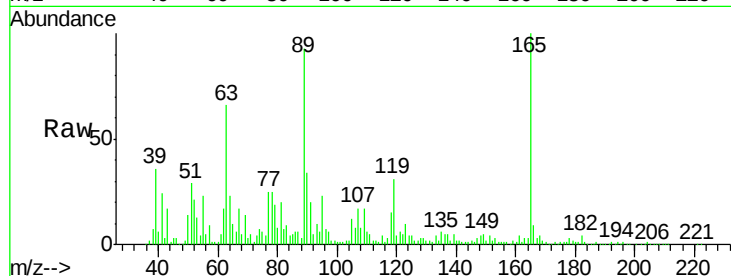
Ion Ratio Lower Upper

165 100

63 66.1 36.7 55.1#

89 93.4 61.9 92.9#

182 4.1 2.0 3.0#

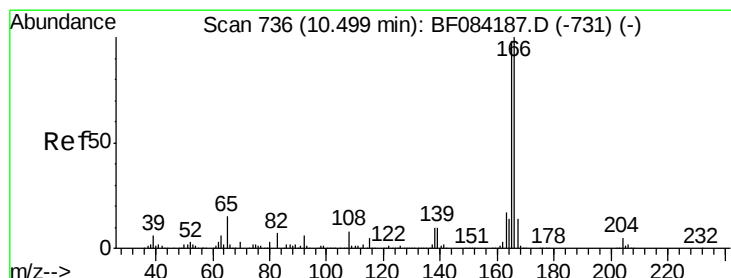
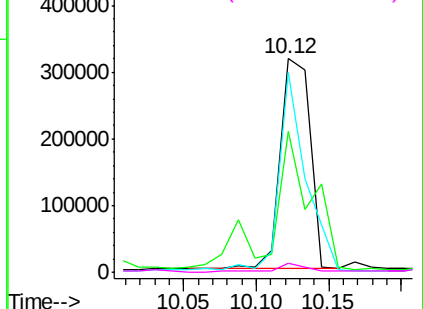
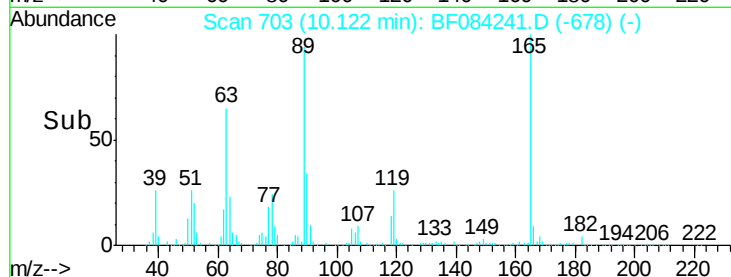


Abundance Ion 165.00 (164.70 to 165.70): E

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: 35.61 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

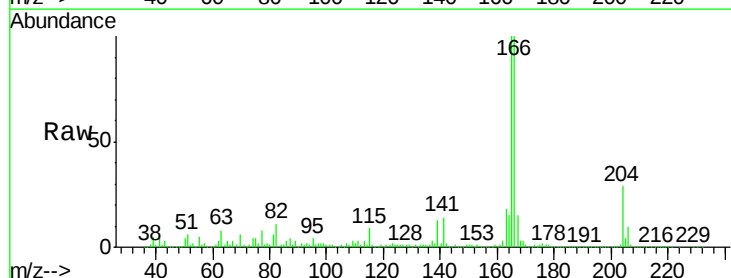
Tgt Ion:166 Resp: 1267525

Ion Ratio Lower Upper

166 100

165 99.8 79.1 118.7

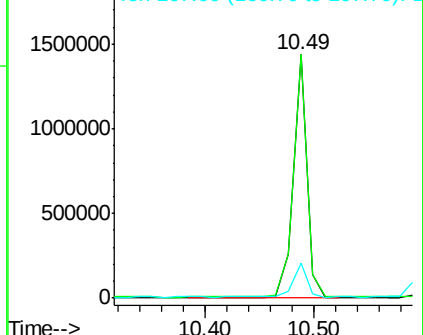
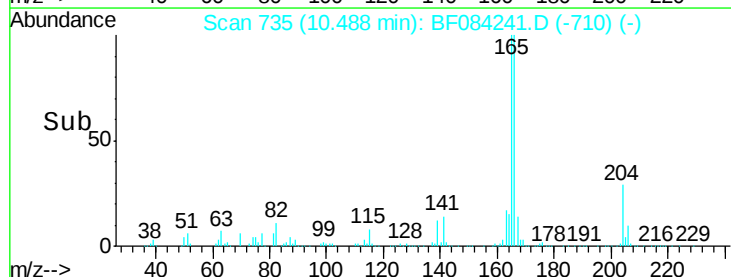
167 14.5 10.4 15.6

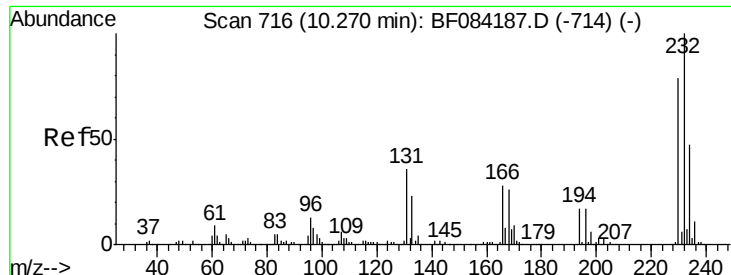


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

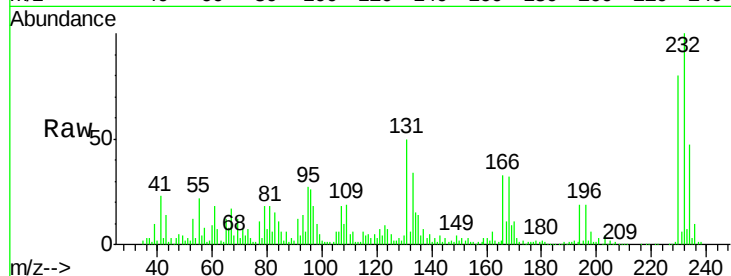




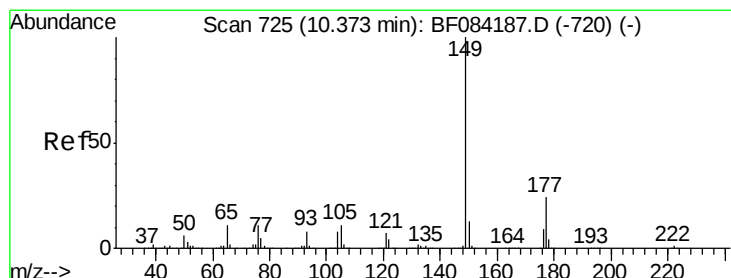
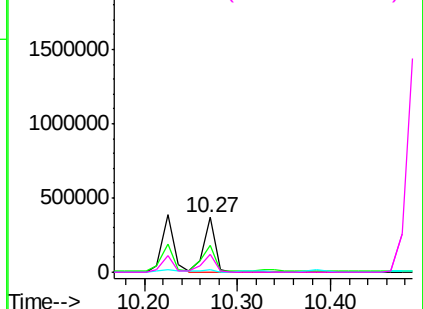
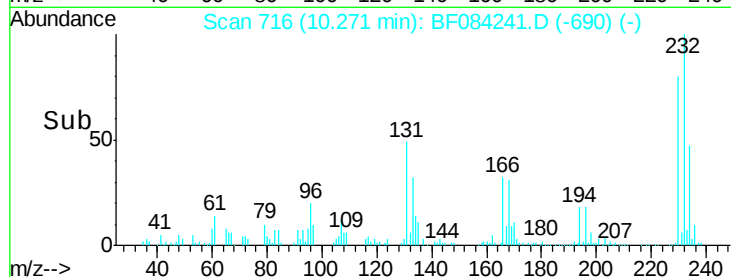
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 32.37 ng
 RT: 10.27 min Scan# 716
 Delta R.T. 0.00 min
 Lab File: BF084241.D
 Acq: 4 Jan 2016 16:17

Instrument :
 BNA_F
 ClientSampleId :
 S8-0529MS

Tgt Ion:232 Resp: 322838
 Ion Ratio Lower Upper
 232 100
 131 54.1 47.0 70.6
 130 4.2 2.0 3.0#
 166 34.6 30.5 45.7

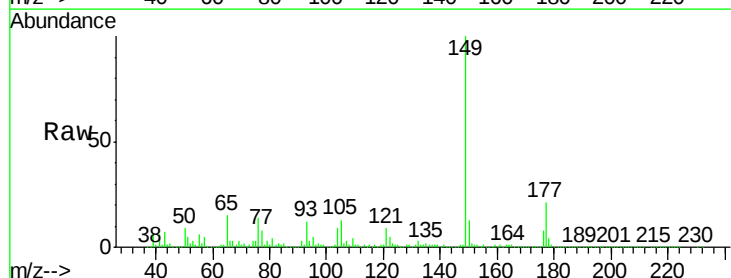


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

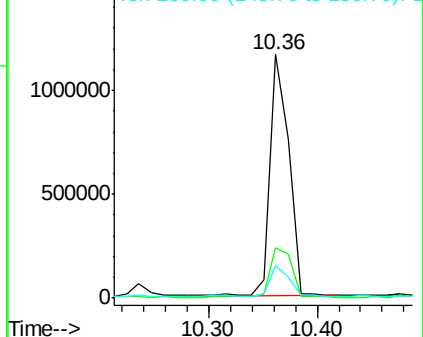
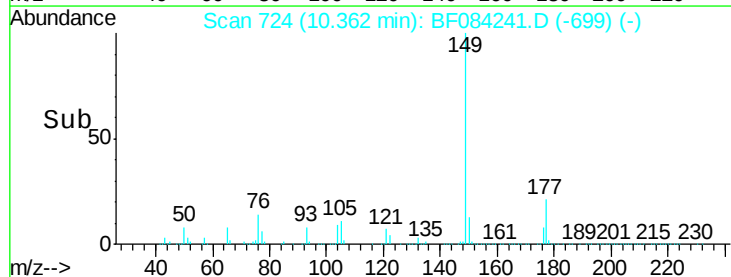


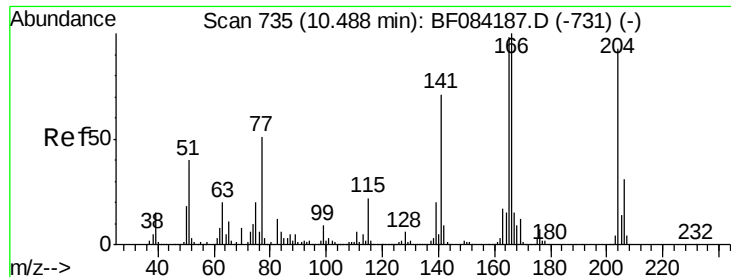
#59
 Diethylphthalate
 Concen: 34.89 ng
 RT: 10.36 min Scan# 724
 Delta R.T. -0.01 min
 Lab File: BF084241.D
 Acq: 4 Jan 2016 16:17

Tgt Ion:149 Resp: 1393478
 Ion Ratio Lower Upper
 149 100
 177 20.7 17.3 25.9
 150 13.4 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

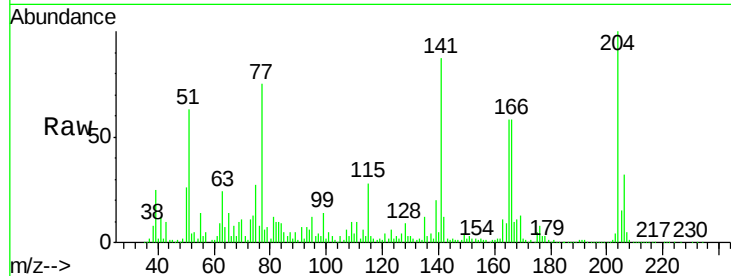




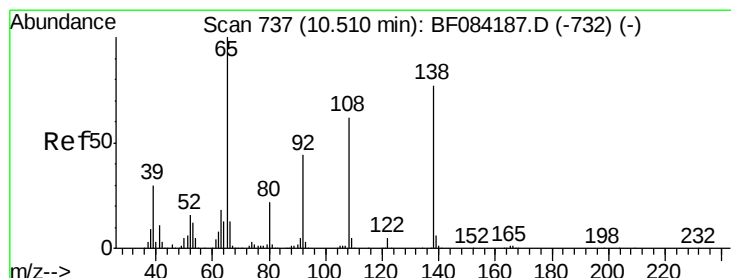
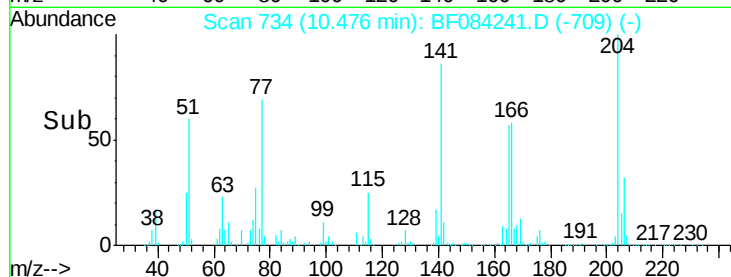
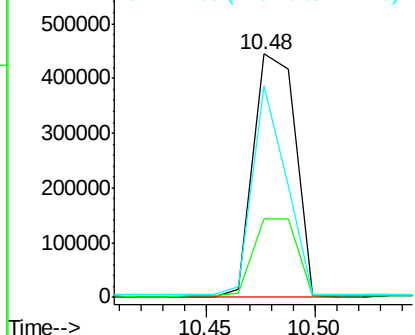
#60
4-Chlorophenyl-phenylether
Concen: 39.67 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF084241.D
Acq: 4 Jan 2016 16:17

Instrument :
BNA_F
ClientSampleId :
S8-0529MS

Tgt Ion:204 Resp: 601405
Ion Ratio Lower Upper
204 100
206 32.0 25.7 38.5
141 87.0 55.1 82.7#

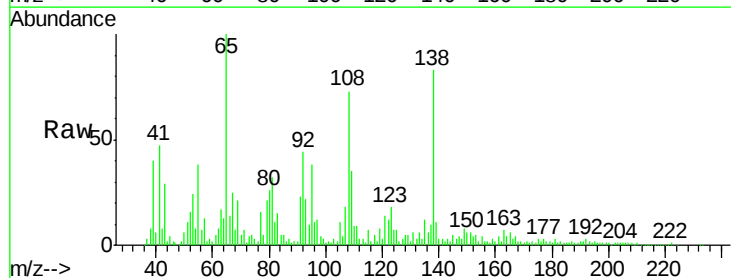


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

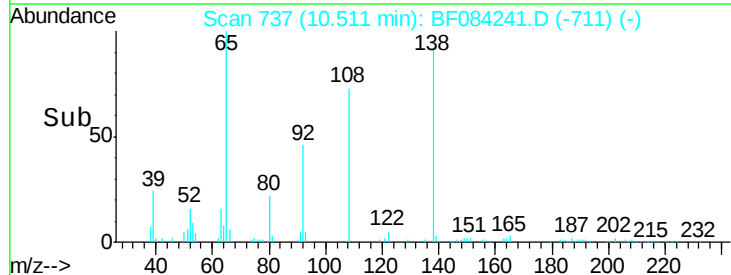
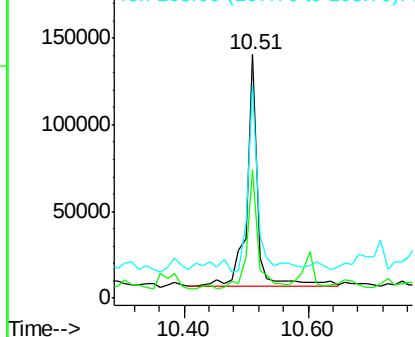


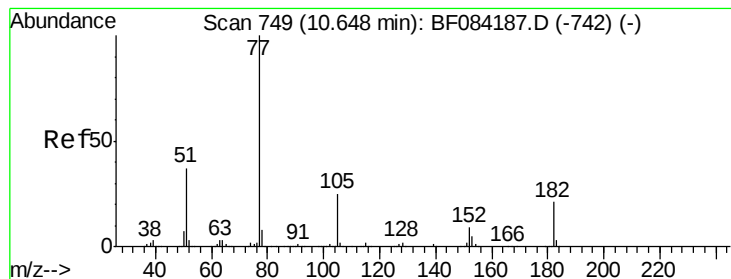
#61
4-Nitroaniline
Concen: 16.97 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF084241.D
Acq: 4 Jan 2016 16:17

Tgt Ion:138 Resp: 166525
Ion Ratio Lower Upper
138 100
92 52.5 32.6 72.6
108 87.6 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: 34.43 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

Instrument :

BNA_F

ClientSampleId :

S8-0529MS

Tgt Ion: 77 Resp: 1508151

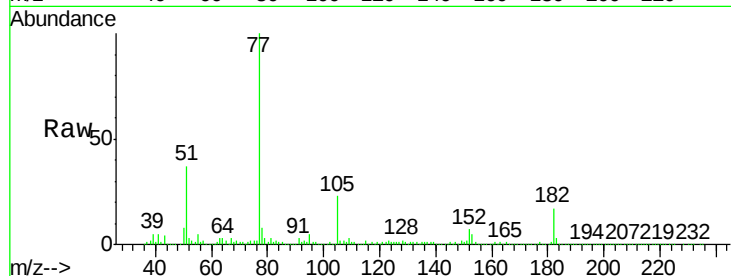
Ion Ratio Lower Upper

77 100

182 17.5 8.3 48.3

105 22.8 4.6 44.6

51 36.8 6.2 46.2

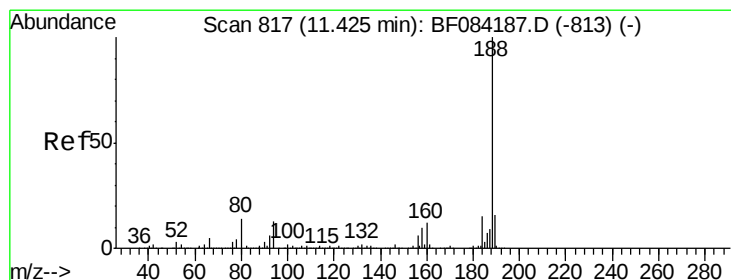
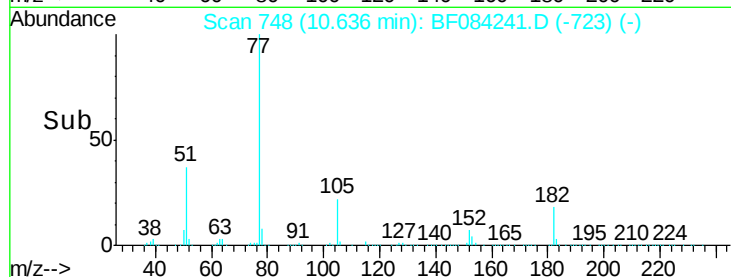
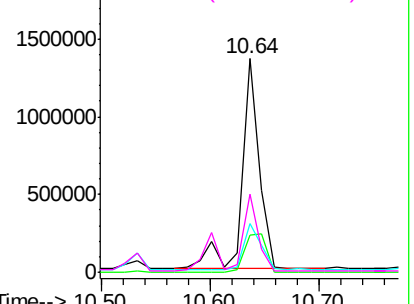


Abundance Ion 77.00 (76.70 to 77.70): BF0

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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.42 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

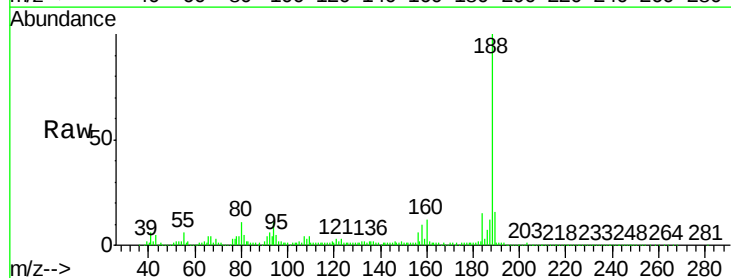
Tgt Ion: 188 Resp: 898082

Ion Ratio Lower Upper

188 100

94 11.4 9.0 13.4

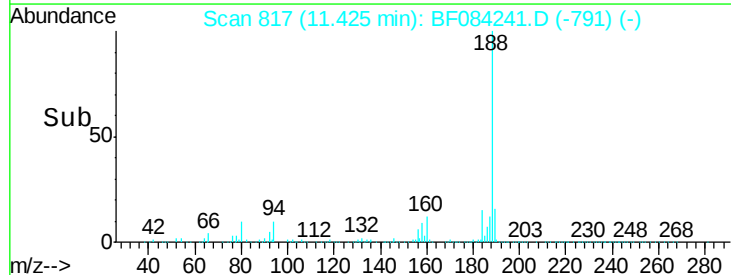
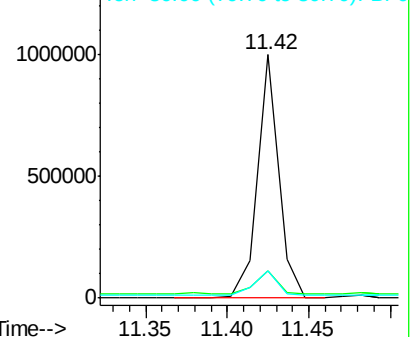
80 11.4 9.6 14.4

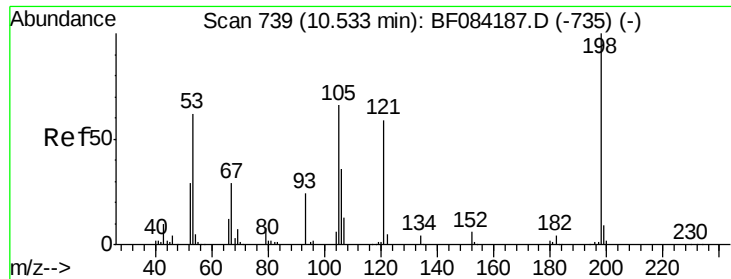


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

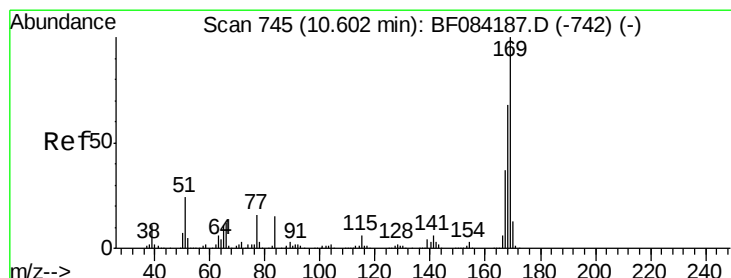
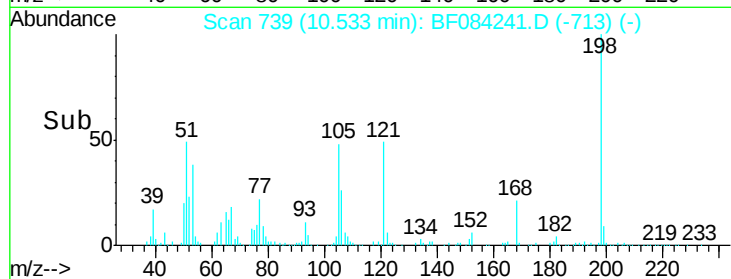
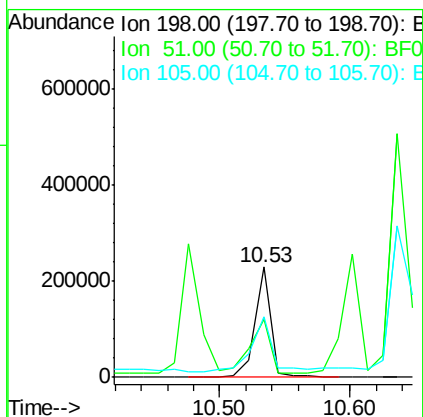
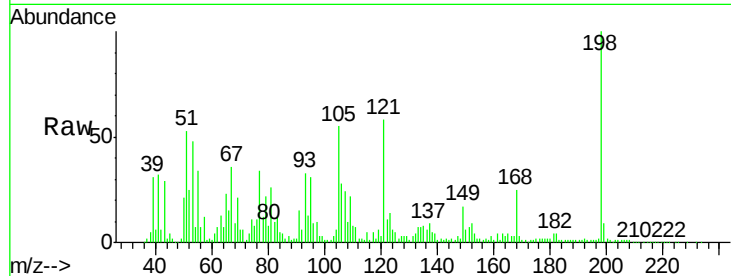




#64
 4,6-Dinitro-2-methylphenol
 Concen: 35.13 ng
 RT: 10.53 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: BF084241.D
 Acq: 4 Jan 2016 16:17

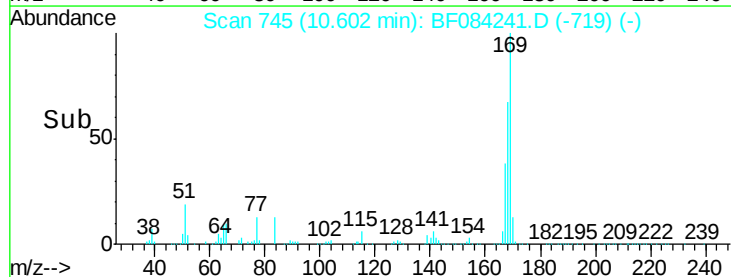
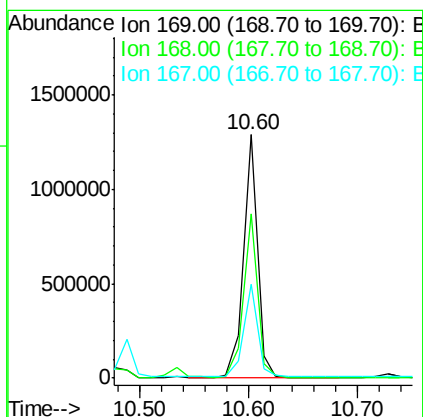
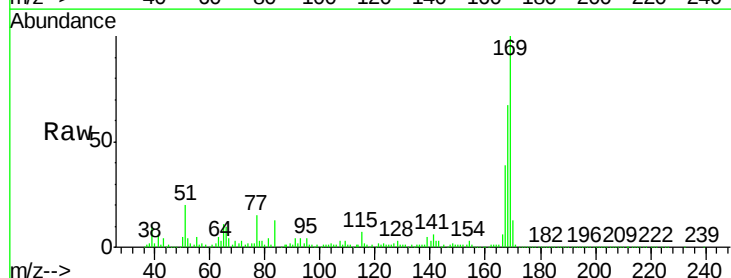
Instrument :
 BNA_F
 ClientSampleId :
 S8-0529MS

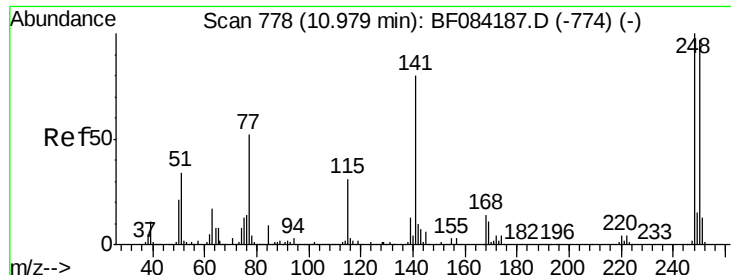
Tgt Ion:198 Resp: 192136
 Ion Ratio Lower Upper
 198 100
 51 52.6 18.9 58.9
 105 55.1 26.4 66.4



#65
 n-Nitrosodiphenylamine
 Concen: 39.29 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF084241.D
 Acq: 4 Jan 2016 16:17

Tgt Ion:169 Resp: 1128211
 Ion Ratio Lower Upper
 169 100
 168 67.3 55.1 82.7
 167 38.8 30.0 45.0

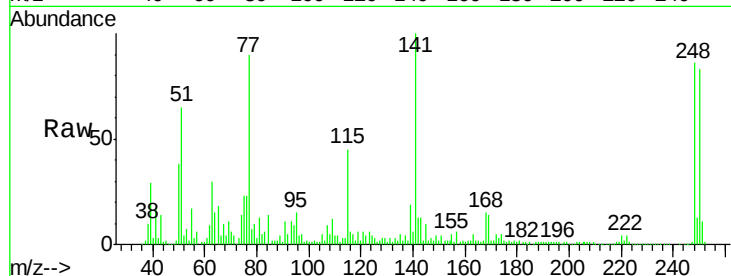




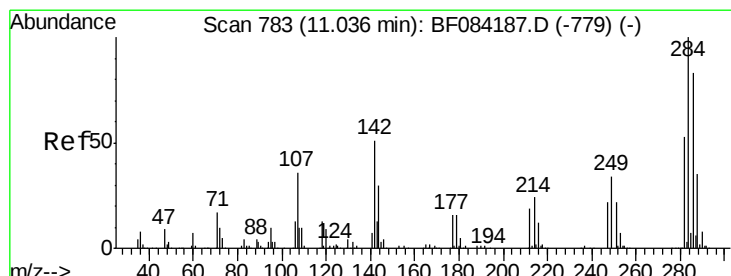
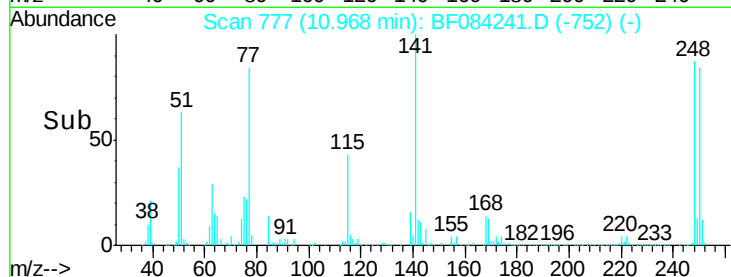
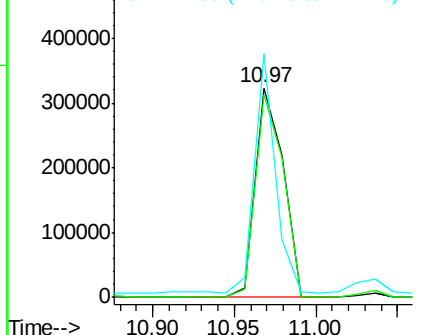
#66
 4-Bromophenyl-phenylether
 Concen: 39.60 ng
 RT: 10.97 min Scan# 777
 Delta R.T. -0.01 min
 Lab File: BF084241.D
 Acq: 4 Jan 2016 16:17

Instrument :
 BNA_F
 ClientSampleId :
 S8-0529MS

Tgt Ion:248 Resp: 382757
 Ion Ratio Lower Upper
 248 100
 250 96.7 78.4 117.6
 141 116.5 44.0 66.0#

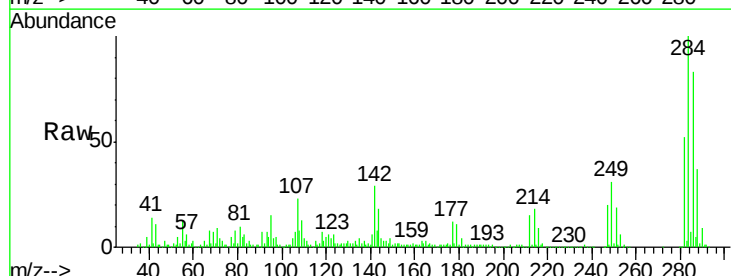


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

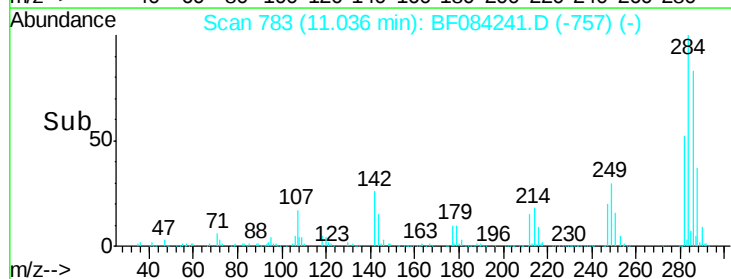
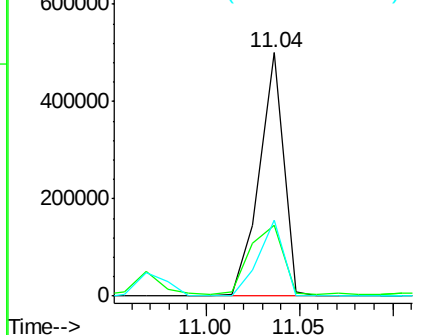


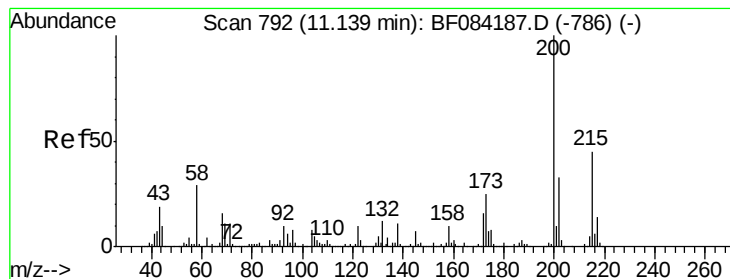
#67
 Hexachlorobenzene
 Concen: 41.63 ng
 RT: 11.04 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF084241.D
 Acq: 4 Jan 2016 16:17

Tgt Ion:284 Resp: 452951
 Ion Ratio Lower Upper
 284 100
 142 29.1 22.2 33.4
 249 31.1 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: 23.56 ng

RT: 11.17 min Scan# 795

Delta R.T. 0.03 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

Instrument :

BNA_F

ClientSampleId :

S8-0529MS

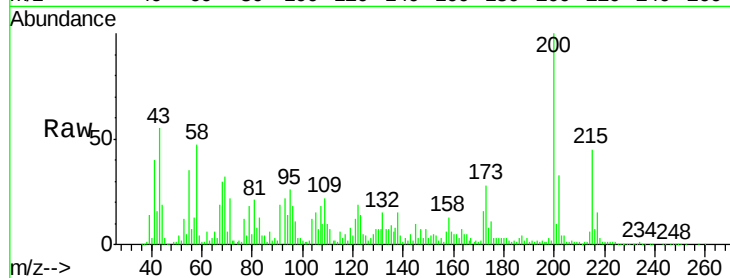
Tgt Ion:200 Resp: 221378

Ion Ratio Lower Upper

200 100

173 27.9 9.5 49.5

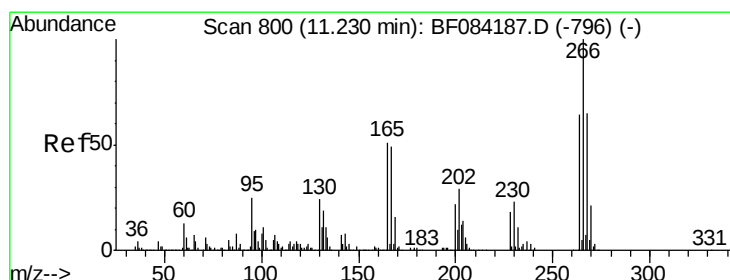
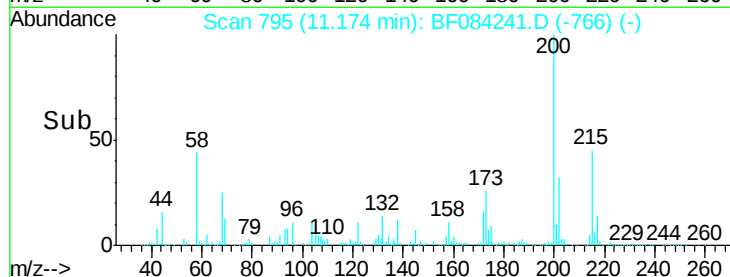
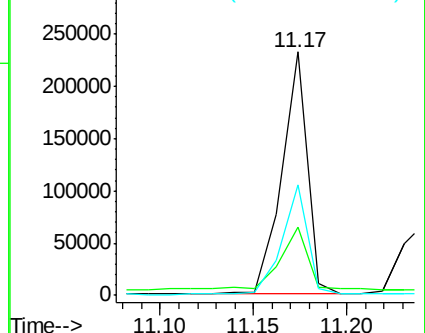
215 45.4 23.8 63.8



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: 71.99 ng

RT: 11.24 min Scan# 801

Delta R.T. 0.01 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

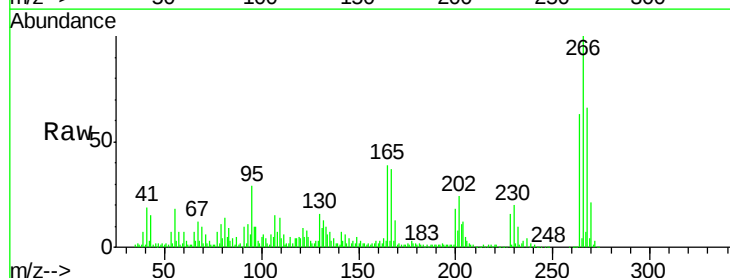
Tgt Ion:266 Resp: 406109

Ion Ratio Lower Upper

266 100

268 65.8 52.4 78.6

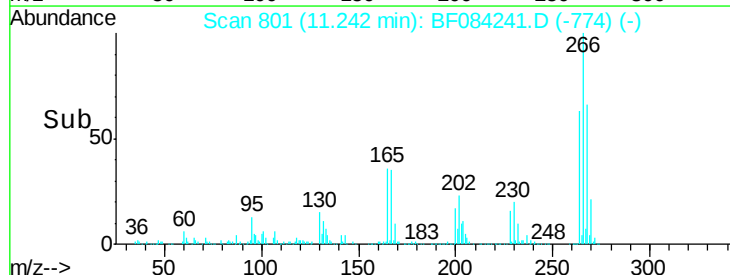
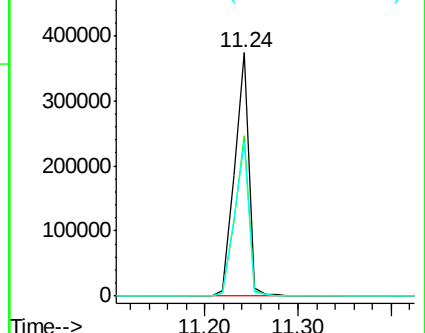
264 63.1 50.2 75.2

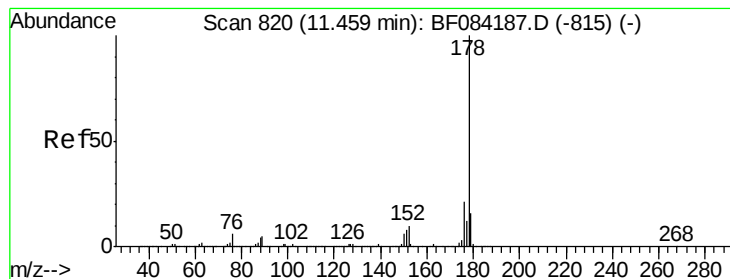


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 36.55 ng

RT: 11.45 min Scan# 819

Delta R.T. -0.01 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

Instrument :

BNA_F

ClientSampleId :

S8-0529MS

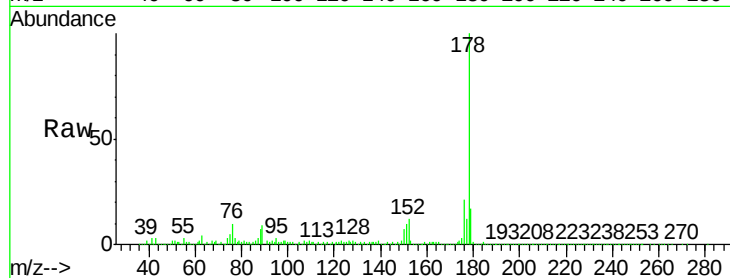
Tgt Ion:178 Resp: 1716959

Ion Ratio Lower Upper

178 100

176 21.4 15.3 22.9

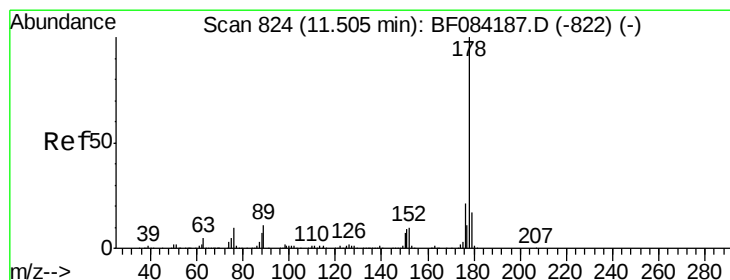
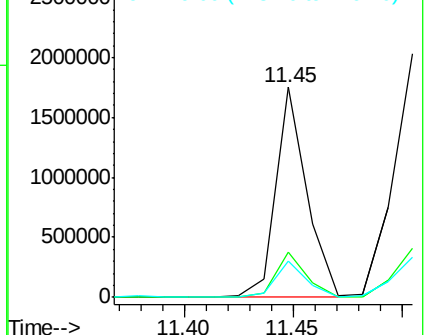
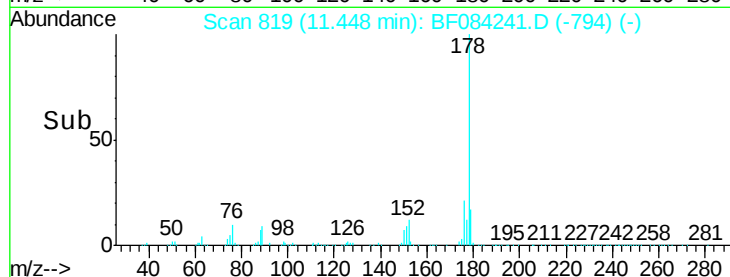
179 17.2 12.0 18.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 41.98 ng

RT: 11.50 min Scan# 824

Delta R.T. 0.00 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

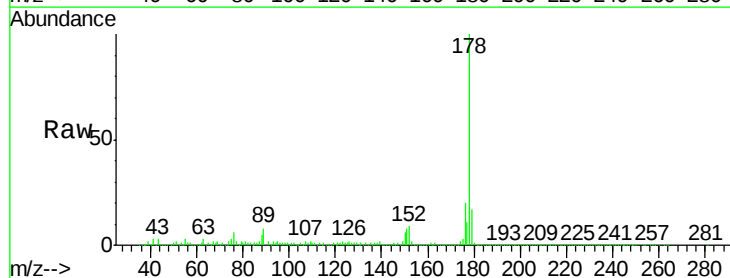
Tgt Ion:178 Resp: 1933054

Ion Ratio Lower Upper

178 100

176 20.1 15.4 23.0

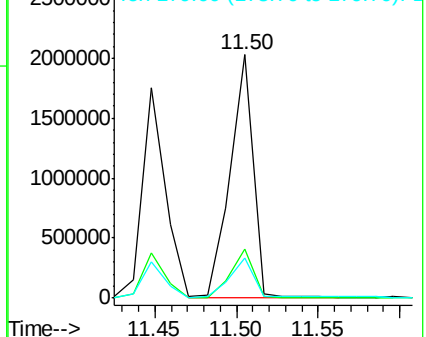
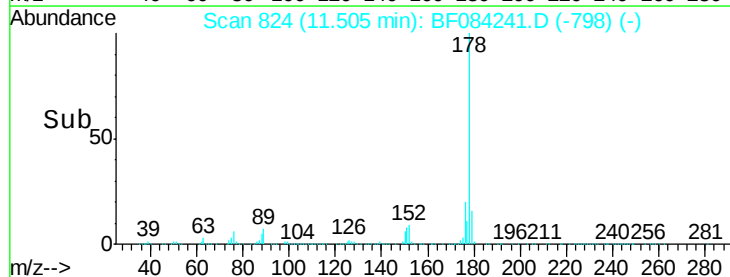
179 16.5 12.5 18.7

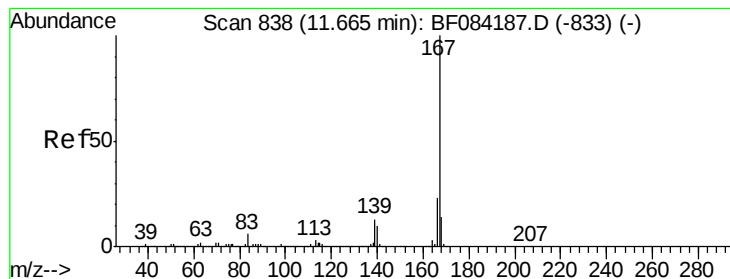


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 31.67 ng

RT: 11.66 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

Instrument :

BNA_F

ClientSampleId :

S8-0529MS

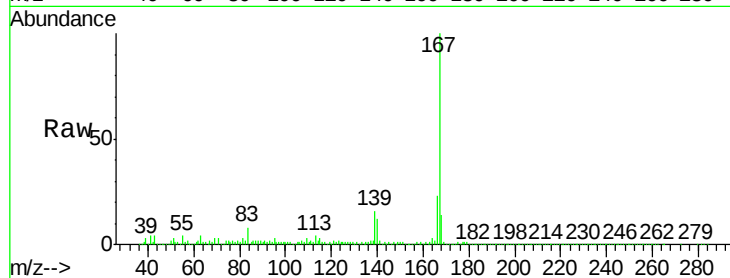
Tgt Ion:167 Resp: 1425584

Ion Ratio Lower Upper

167 100

166 23.1 17.6 26.4

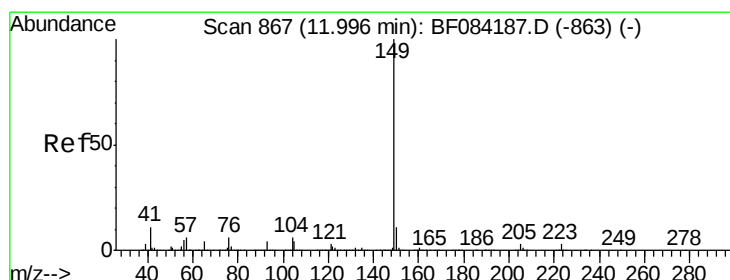
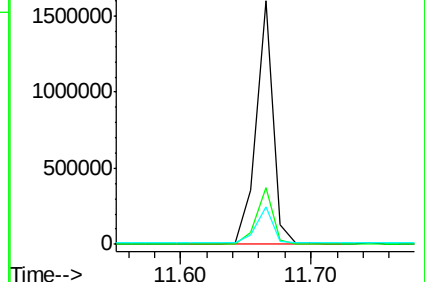
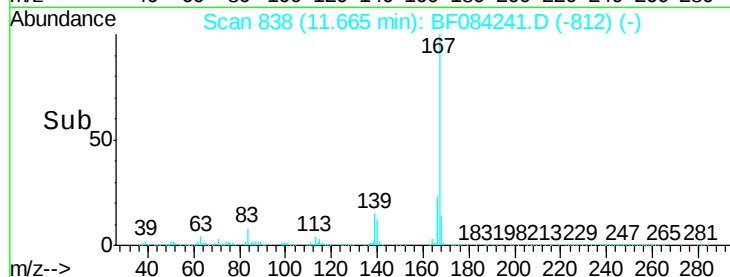
139 15.6 11.8 17.8



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: 39.78 ng

RT: 12.00 min Scan# 867

Delta R.T. 0.00 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

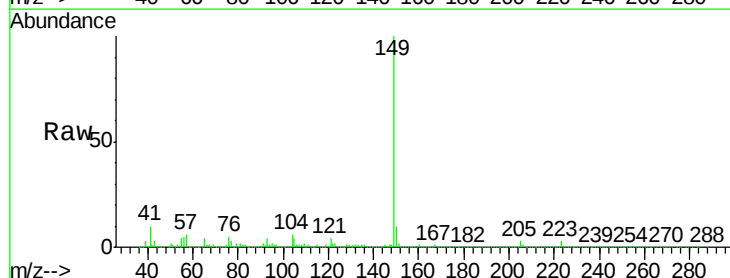
Tgt Ion:149 Resp: 1962420

Ion Ratio Lower Upper

149 100

150 10.1 7.1 10.7

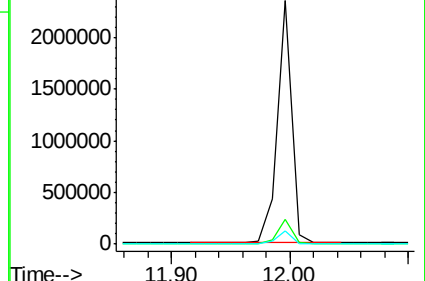
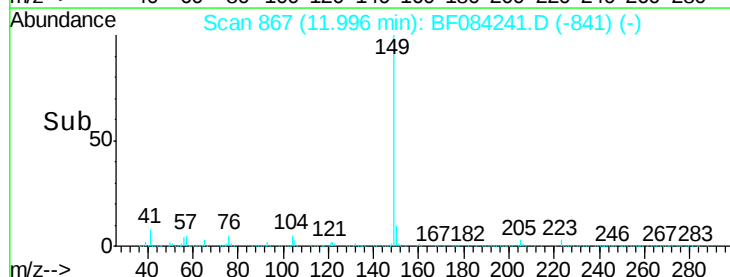
104 5.6 3.2 4.8

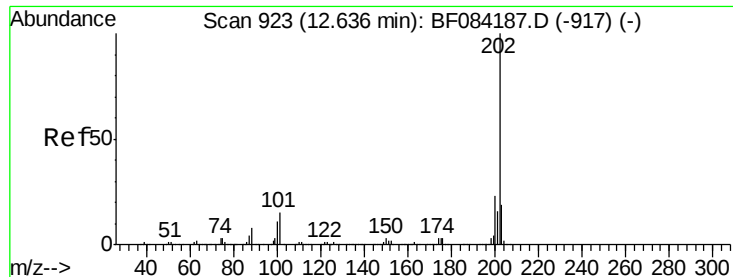


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 30.34 ng

RT: 12.64 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

Instrument :

BNA_F

ClientSampleId :

S8-0529MS

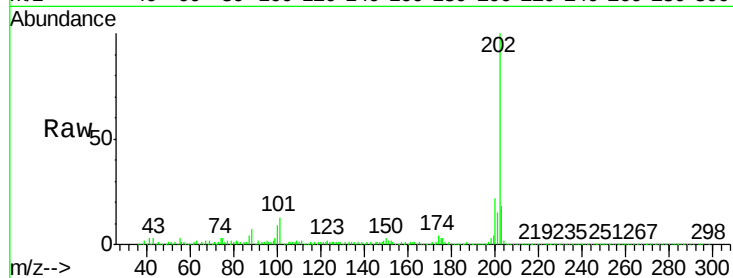
Tgt Ion:202 Resp: 1489085

Ion Ratio Lower Upper

202 100

101 12.6 0.0 32.8

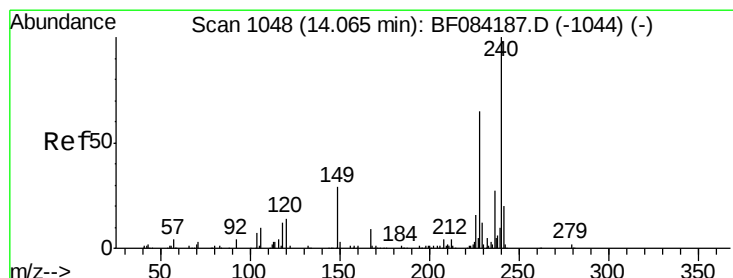
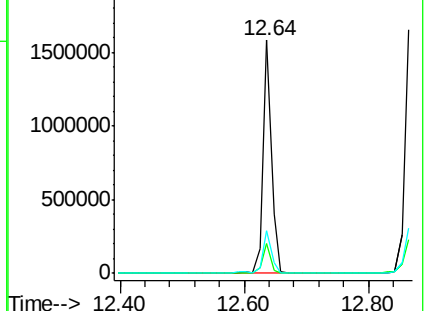
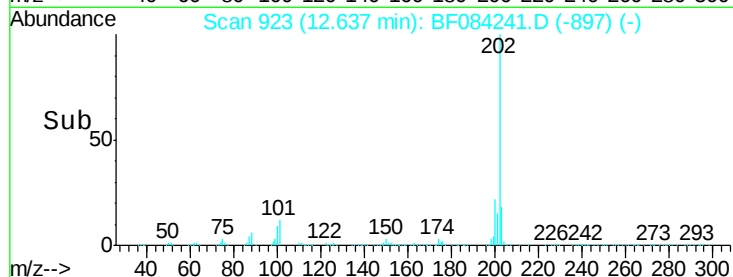
203 18.4 0.0 37.9



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: 14.07 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

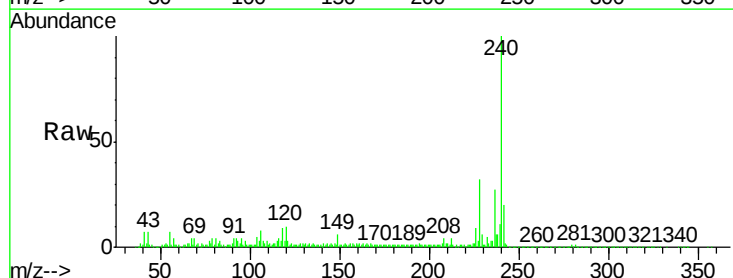
Tgt Ion:240 Resp: 600483

Ion Ratio Lower Upper

240 100

120 10.5 9.5 14.3

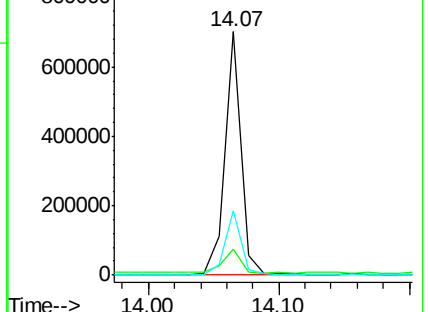
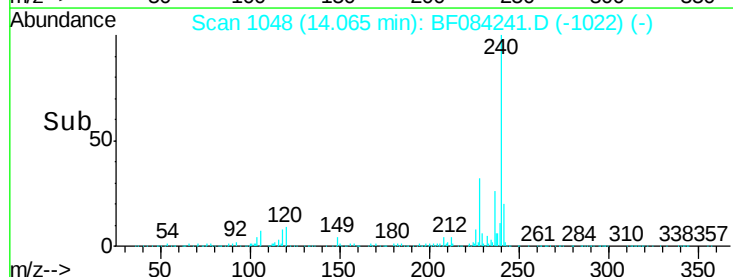
236 26.6 20.6 31.0

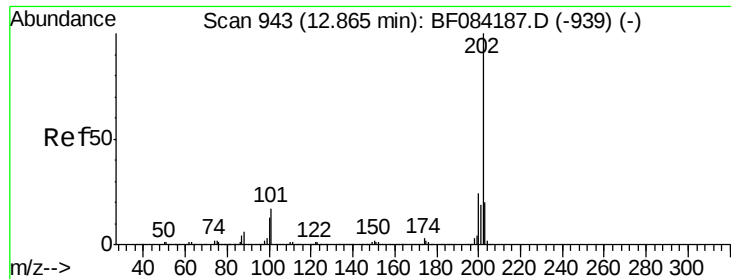


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 31.83 ng

RT: 12.87 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

Instrument :

BNA_F

ClientSampleId :

S8-0529MS

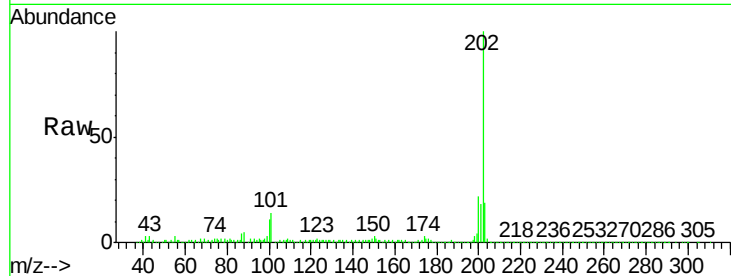
Tgt Ion:202 Resp: 1499917

Ion Ratio Lower Upper

202 100

200 22.3 17.2 25.8

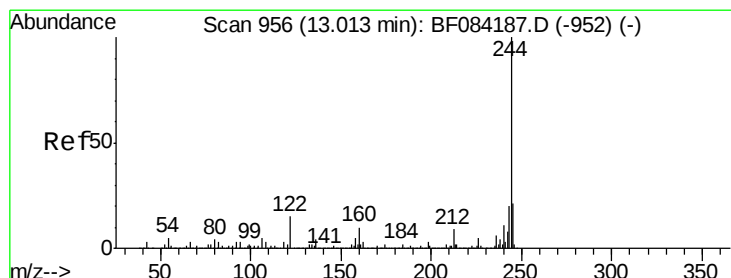
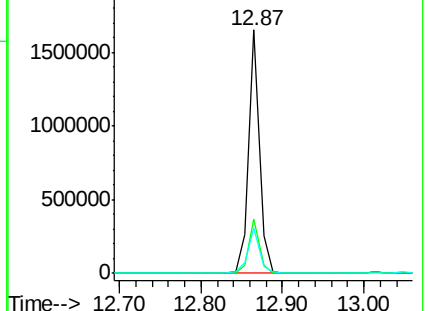
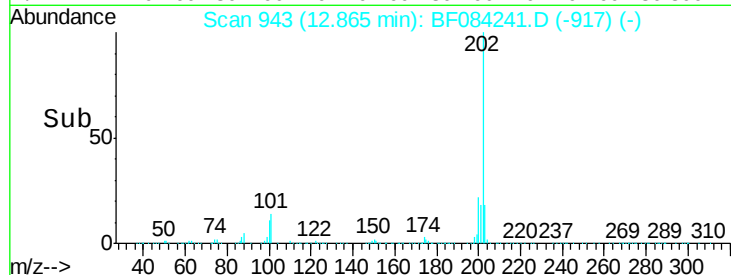
203 18.6 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 66.15 ng

RT: 13.01 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

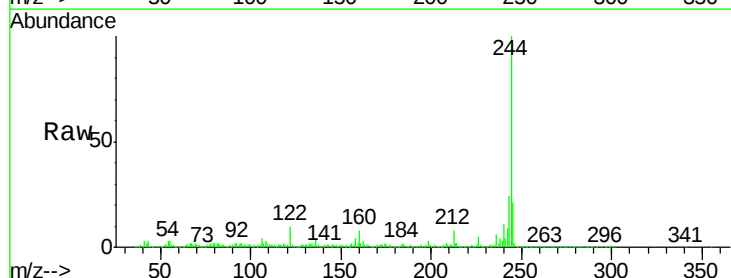
Tgt Ion:244 Resp: 1779580

Ion Ratio Lower Upper

244 100

212 7.8 5.7 8.5

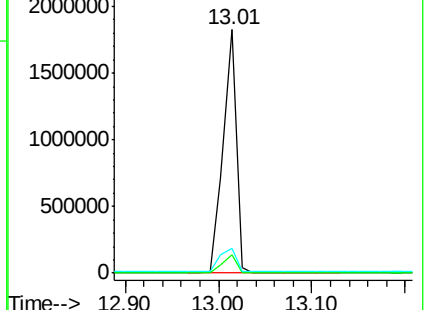
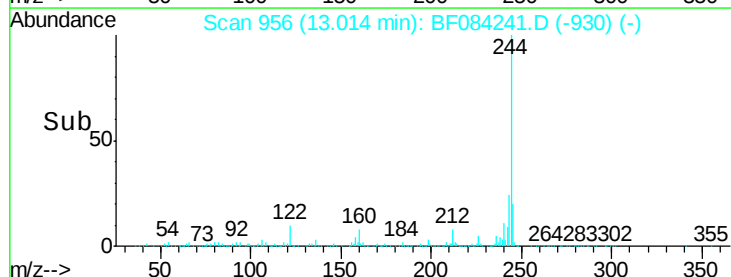
122 10.2 7.4 11.0

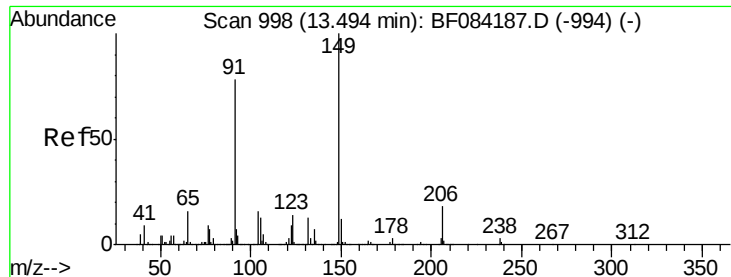


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

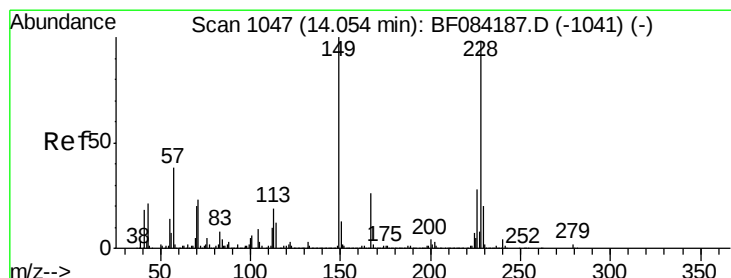
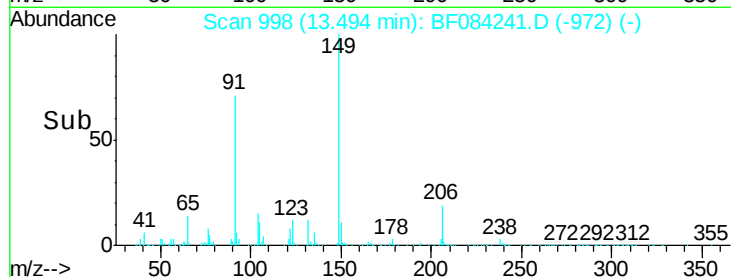
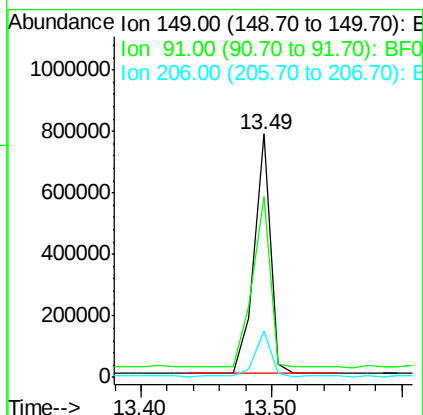
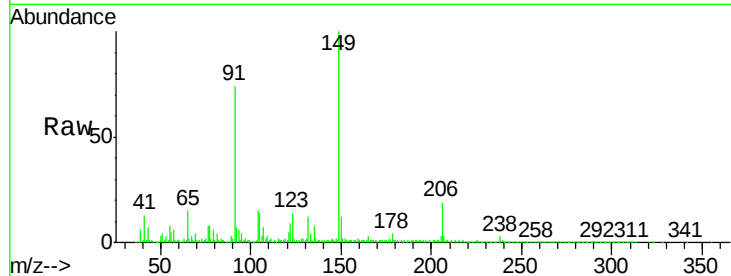




#79
Butylbenzylphthalate
Concen: 33.52 ng
RT: 13.49 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF084241.D
Acq: 4 Jan 2016 16:17

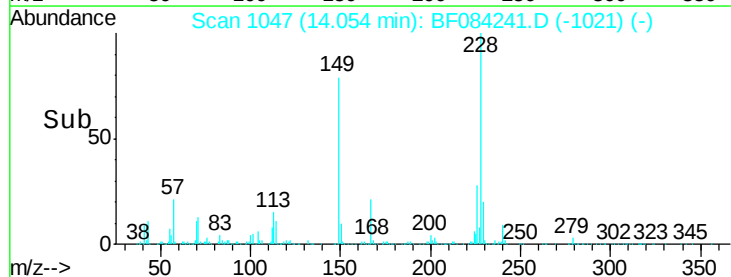
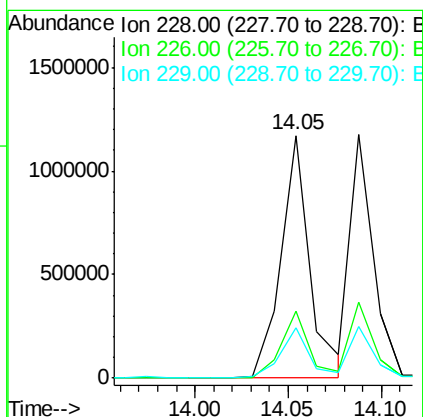
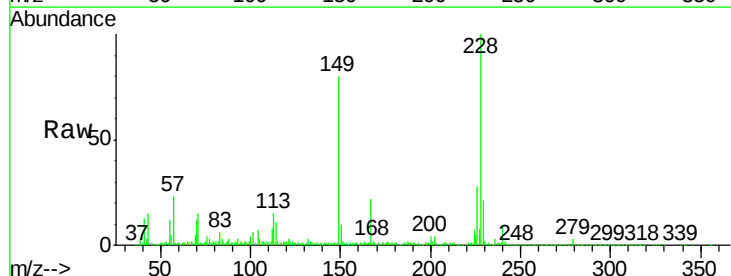
Instrument :
BNA_F
ClientSampleId :
S8-0529MS

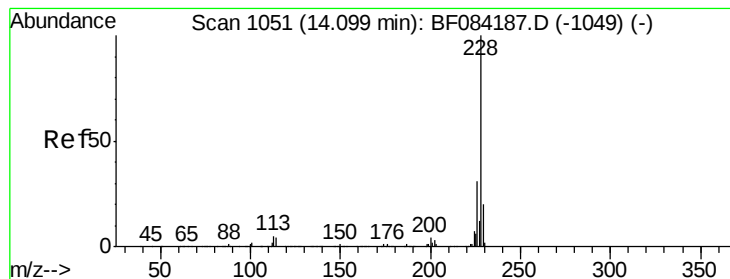
Tgt Ion:149 Resp: 683574
Ion Ratio Lower Upper
149 100
91 74.3 57.6 86.4
206 19.3 13.2 19.8



#80
Benzo(a)anthracene
Concen: 35.50 ng
RT: 14.05 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF084241.D
Acq: 4 Jan 2016 16:17

Tgt Ion:228 Resp: 1251660
Ion Ratio Lower Upper
228 100
226 27.8 21.8 32.6
229 20.5 15.8 23.8





#82

Chrysene

Concen: 30.66 ng

RT: 14.09 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

Instrument :

BNA_F

ClientSampleId :

S8-0529MS

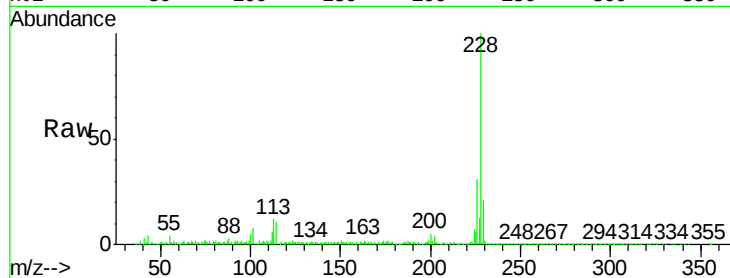
Tgt Ion:228 Resp: 1038734

Ion Ratio Lower Upper

228 100

226 31.1 24.3 36.5

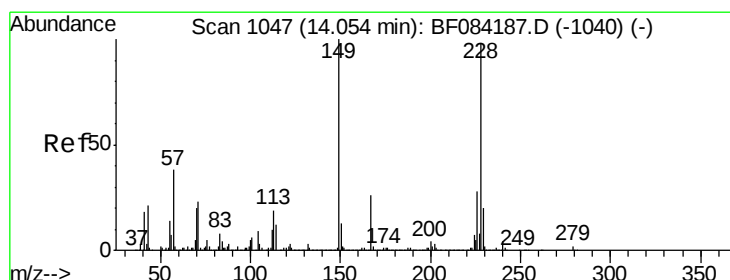
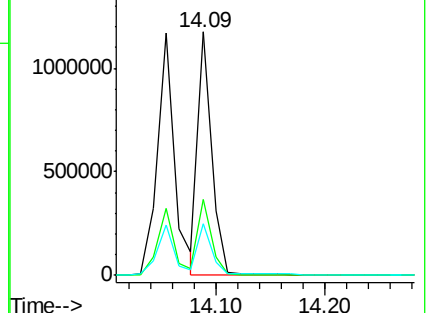
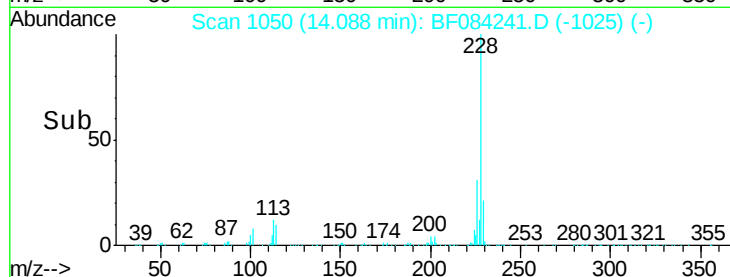
229 21.2 16.1 24.1



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: 33.11 ng

RT: 14.05 min Scan# 1047

Delta R.T. 0.00 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

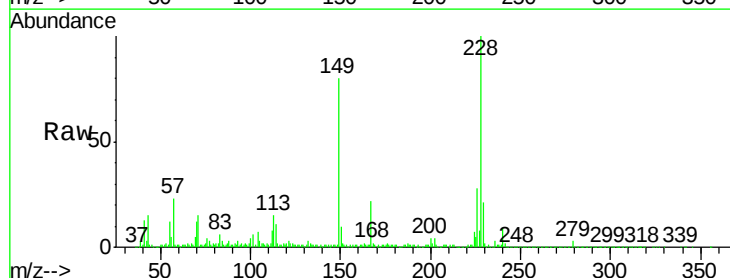
Tgt Ion:149 Resp: 853052

Ion Ratio Lower Upper

149 100

167 27.3 19.7 29.5

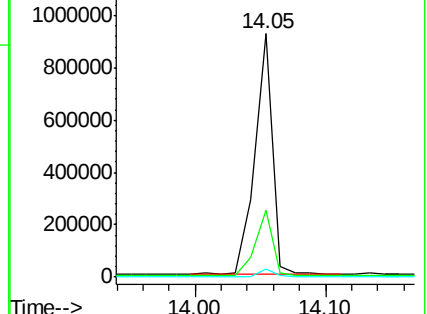
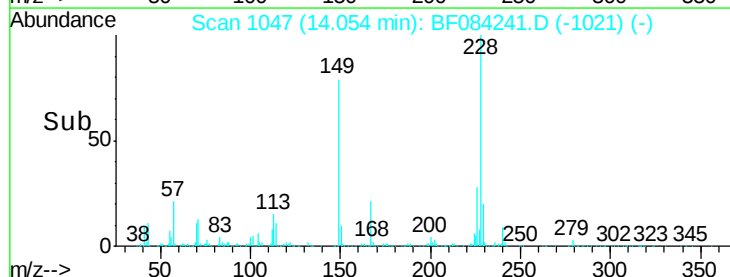
279 3.3 1.8 2.6#

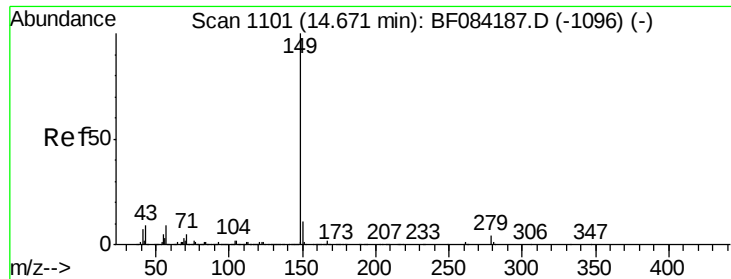


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 34.31 ng

RT: 14.66 min Scan# 1100

Delta R.T. -0.01 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

Instrument :

BNA_F

ClientSampleId :

S8-0529MS

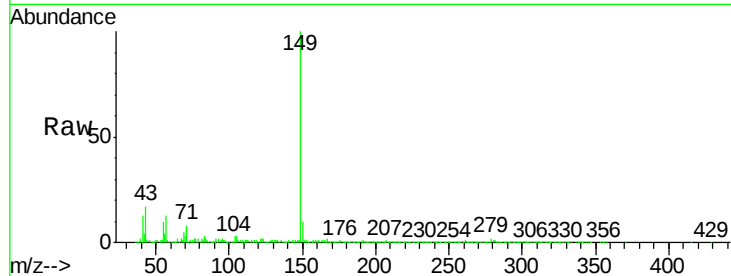
Tgt Ion:149 Resp: 1492103

Ion Ratio Lower Upper

149 100

167 1.8 1.2 1.8

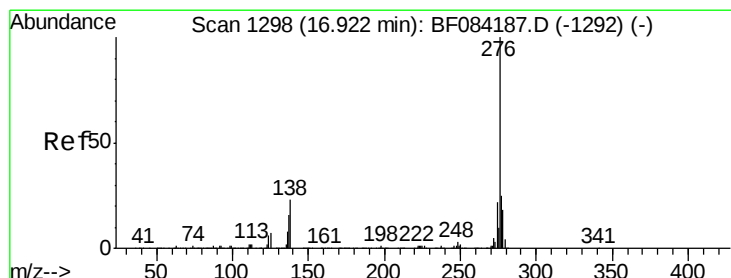
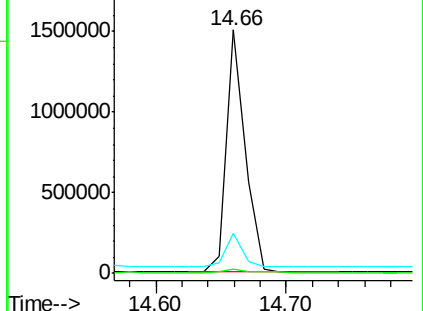
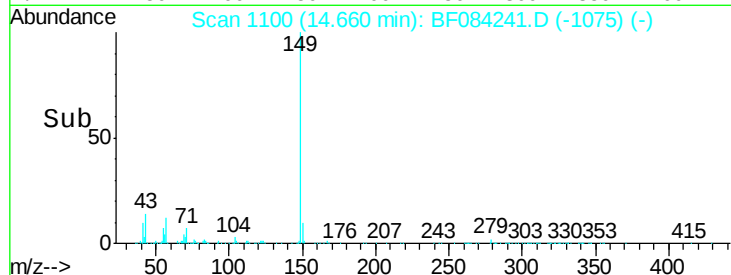
43 13.0 5.6 8.4#



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: 60.76 ng

RT: 16.93 min Scan# 1299

Delta R.T. 0.01 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

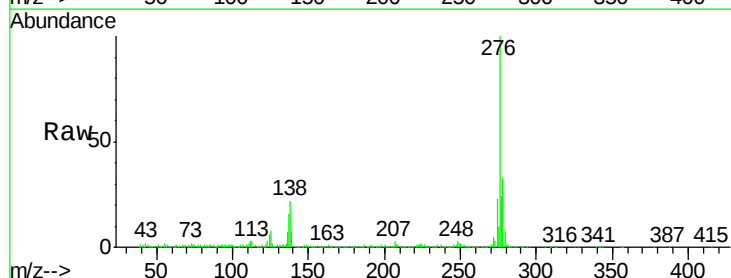
Tgt Ion:276 Resp: 1631952

Ion Ratio Lower Upper

276 100

138 24.8 20.6 30.8

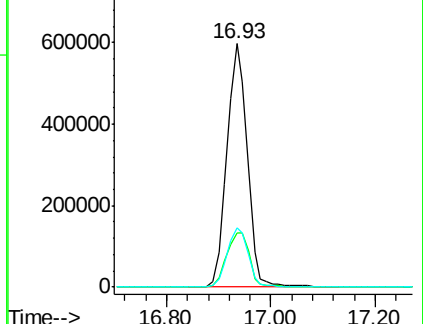
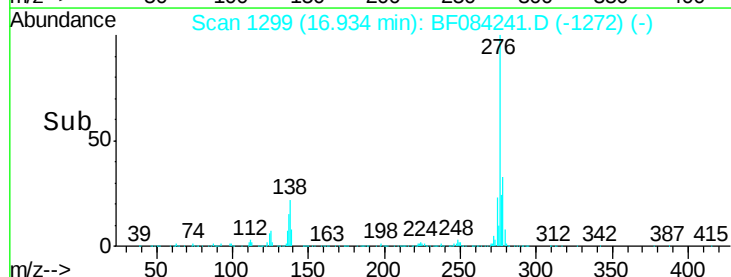
277 25.0 20.1 30.1

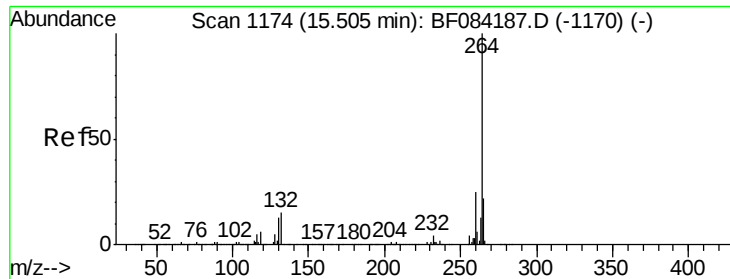


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

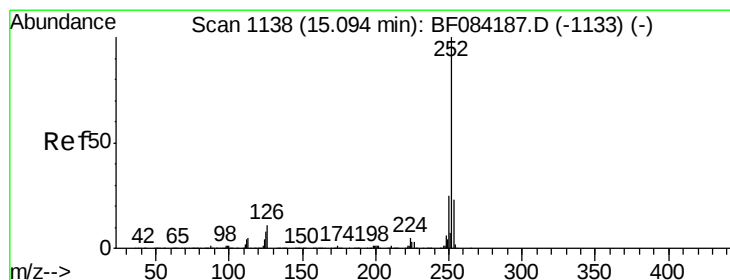
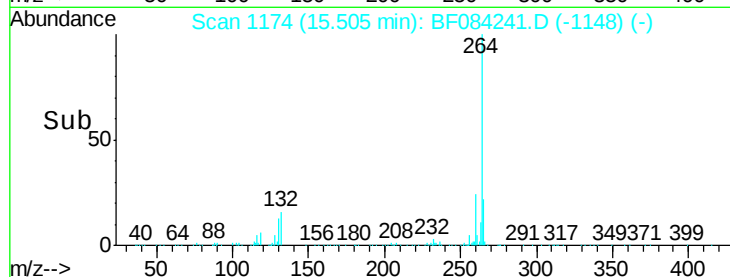
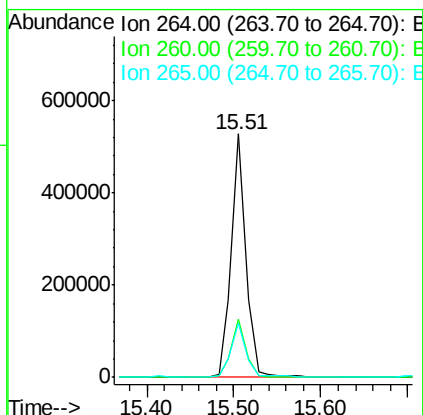
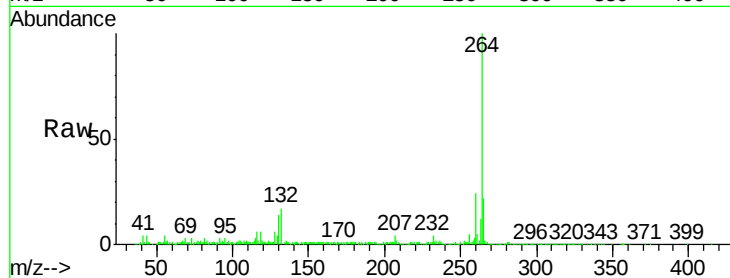




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF084241.D
Acq: 4 Jan 2016 16:17

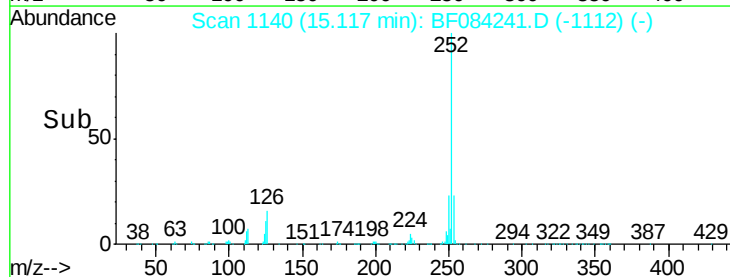
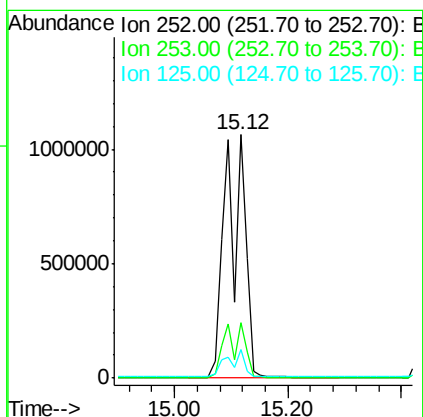
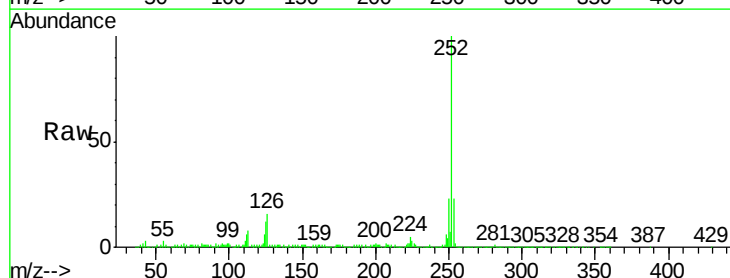
Instrument :
BNA_F
ClientSampleId :
S8-0529MS

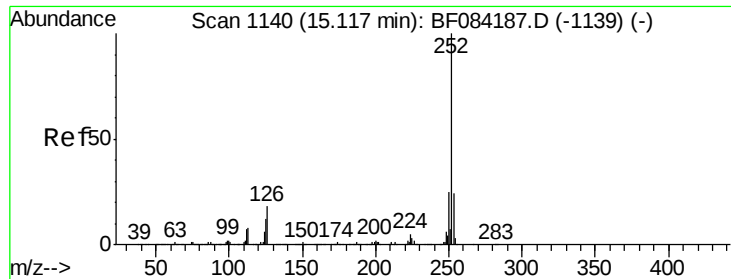
Tgt Ion:264 Resp: 613026
Ion Ratio Lower Upper
264 100
260 23.7 19.4 29.2
265 22.2 17.8 26.6



#87
Benzo(b)fluoranthene
Concen: 63.44 ng
RT: 15.12 min Scan# 1140
Delta R.T. 0.02 min
Lab File: BF084241.D
Acq: 4 Jan 2016 16:17

Tgt Ion:252 Resp: 2544007
Ion Ratio Lower Upper
252 100
253 22.9 17.3 25.9
125 11.7 6.5 9.7#





#88

Benzo(k)fluoranthene

Concen: 77.57 ng

RT: 15.12 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

Instrument :

BNA_F

ClientSampleId :

S8-0529MS

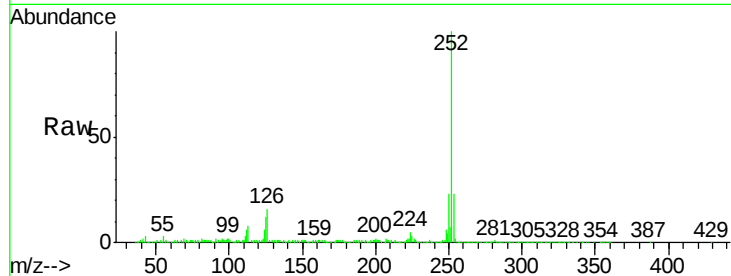
Tgt Ion:252 Resp: 2544007

Ion Ratio Lower Upper

252 100

253 22.9 18.1 27.1

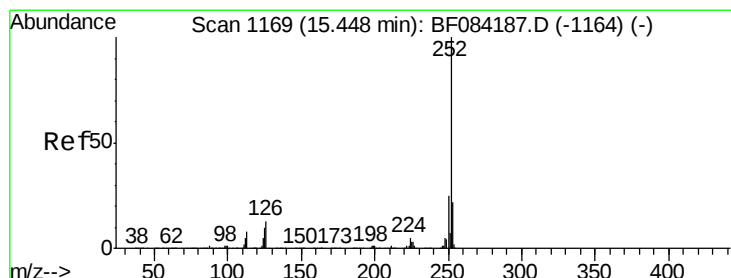
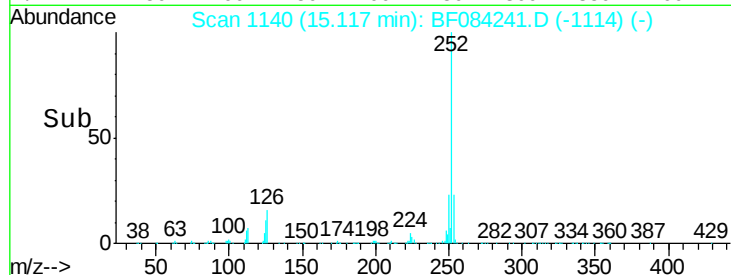
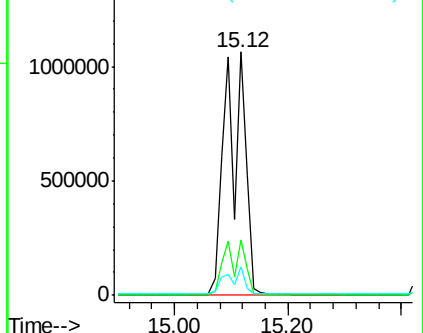
125 11.7 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 37.77 ng

RT: 15.45 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

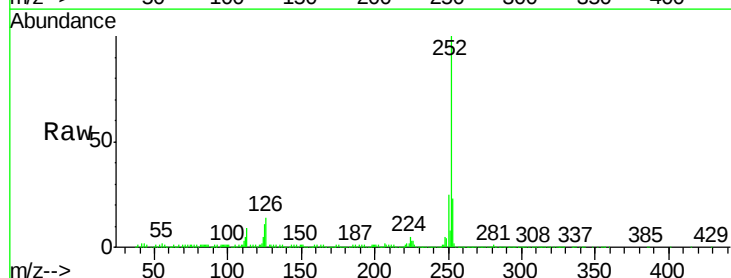
Tgt Ion:252 Resp: 1284730

Ion Ratio Lower Upper

252 100

253 22.8 17.3 25.9

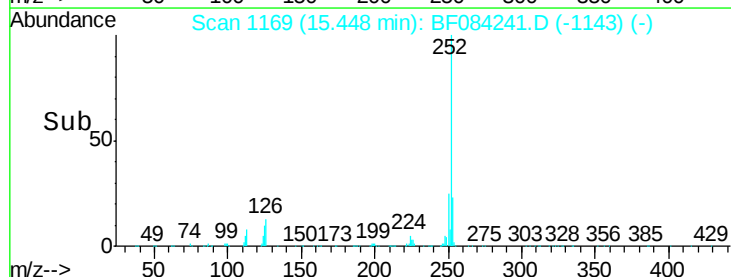
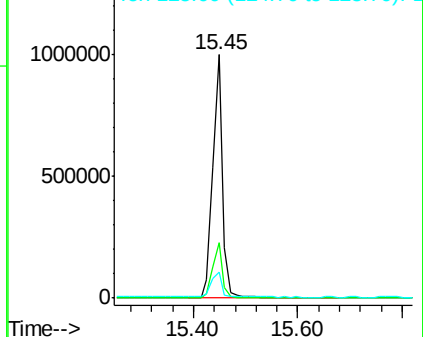
125 10.8 7.0 10.4#

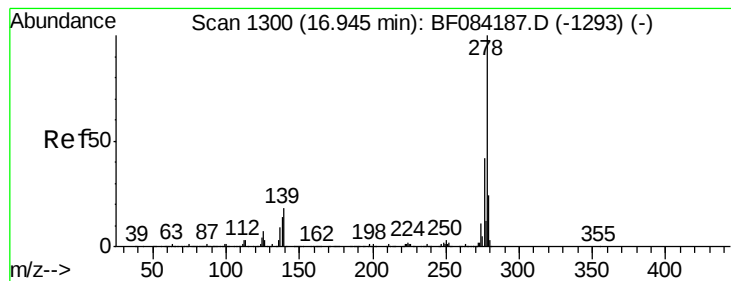


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 45.49 ng

RT: 16.96 min Scan# 1301

Delta R.T. 0.01 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

Instrument :

BNA_F

ClientSampleId :

S8-0529MS

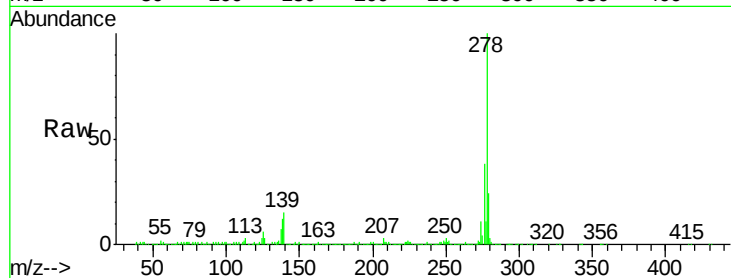
Tgt Ion:278 Resp: 1331321

Ion Ratio Lower Upper

278 100

139 14.6 15.0 22.4#

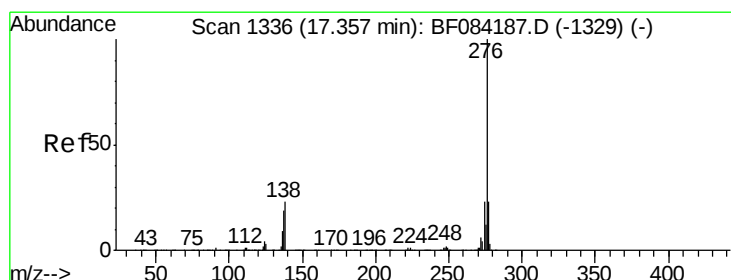
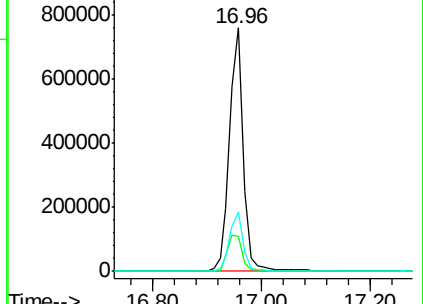
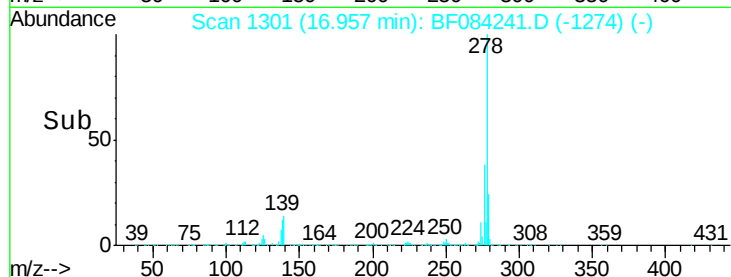
279 24.4 18.9 28.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 45.83 ng

RT: 17.37 min Scan# 1337

Delta R.T. 0.01 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

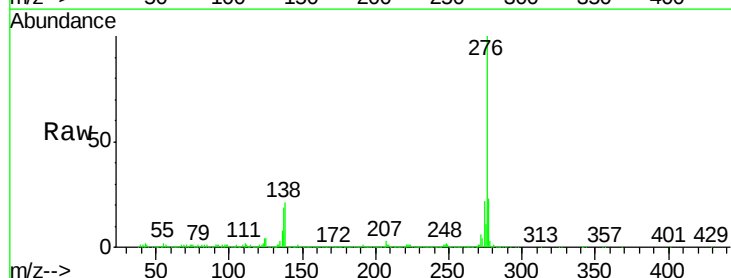
Tgt Ion:276 Resp: 1389184

Ion Ratio Lower Upper

276 100

277 23.4 18.8 28.2

138 20.6 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

