

Data Path : Z:\HPCHEM1\BNA_F\Data\BF071415\
 Data File : BF080488.D
 Acq On : 15 Jul 2015 13:00
 Operator : TP/UM
 Sample : G2973-10MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7D78MSD

Quant Time: Jul 15 16:07:00 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 15 03:58:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	23756	20.00	ng	0.00
21) Naphthalene-d8	8.41	136	102468	20.00	ng	0.00
38) Acenaphthene-d10	10.17	164	51104	20.00	ng	-0.01
63) Phenanthrene-d10	11.66	188	111839	20.00	ng	0.00
75) Chrysene-d12	14.67	240	129115	20.00	ng	0.19
86) Perylene-d12	16.56	264	116806	20.00	ng	0.33

System Monitoring Compounds

5) 2-Fluorophenol	5.76	112	139510	95.99	ng	0.00
7) Phenol-d6	6.76	99	190206	106.94	ng	-0.01
23) Nitrobenzene-d5	7.69	82	120607	64.43	ng	0.00
41) 2,4,6-Tribromophenol	10.97	330	49332	102.13	ng	0.00
44) 2-Fluorobiphenyl	9.48	172	216769	58.12	ng	0.00
78) Terphenyl-d14	13.37	244	280159	52.30	ng	0.09

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.86	88	17569	30.01	ng	# 91
3) Pyridine	3.84	79	34378	26.57	ng	96
4) n-Nitrosodimethylamine	3.66	42	26635	35.02	ng	97
6) Aniline	6.80	93	61211	23.71	ng	99
8) 2-Chlorophenol	6.92	128	53506	35.09	ng	94
9) Benzaldehyde	6.68	77	20499	18.87	ng	98
10) Phenol	6.78	94	71155	34.70	ng	96
11) bis(2-Chloroethyl)ether	6.85	93	54754	35.13	ng	100
12) 1,3-Dichlorobenzene	7.30	146	61788	34.75	ng	96
13) 1,4-Dichlorobenzene	7.14	146	64640	33.44	ng	97
14) 1,2-Dichlorobenzene	7.30	146	61791	33.07	ng	96
15) Benzyl Alcohol	7.28	79	43375	34.08	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.39	45	91351	36.16	ng	78
17) 2-Methylphenol	7.39	107	44737	36.25	ng	# 90
18) Hexachloroethane	7.64	117	20967	32.92	ng	93
19) n-Nitroso-di-n-propylamine	7.53	70	39743	32.99	ng	99
20) 3+4-Methylphenols	7.54	107	63186	36.13	ng	# 88
22) Acetophenone	7.53	105	78282	32.56	ng	# 96
24) Nitrobenzene	7.71	77	62186	30.14	ng	95
25) Isophorone	7.94	82	118499	34.28	ng	96
26) 2-Nitrophenol	8.03	139	27335	30.54	ng	94
27) 2,4-Dimethylphenol	8.06	122	53381	32.52	ng	99
28) bis(2-Chloroethoxy)methane	8.14	93	66928	34.43	ng	99
29) 2,4-Dichlorophenol	8.27	162	49148	34.34	ng	91
30) 1,2,4-Trichlorobenzene	8.35	180	53104	29.82	ng	97
31) Naphthalene	8.43	128	169221	31.93	ng	100
32) Benzoic acid	8.14	122	20298	29.81	ng	85
33) 4-Chloroaniline	8.49	127	48508	22.99	ng	98
34) Hexachlorobutadiene	8.54	225	27883	30.90	ng	99
35) Caprolactam	8.83	113	12685	34.35	ng	# 69
36) 4-Chloro-3-methylphenol	8.97	107	50100	35.76	ng	# 76
37) 2-Methylnaphthalene	9.13	142	113294	31.38	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.29	216	48992	28.89	ng	98
40) Hexachlorocyclopentadiene	9.28	237	41851	53.16	ng	94

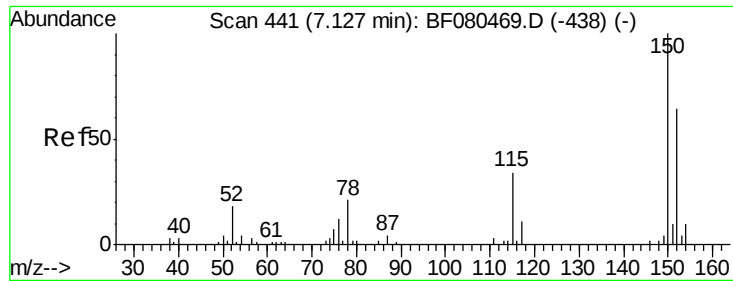
Data Path : Z:\HPCHEM1\BNA_F\Data\BF071415\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.41	196	31670	30.04	ng	98
43) 2,4,5-Trichlorophenol	9.45	196	34135	32.14	ng #	75
45) 1,1'-Biphenyl	9.58	154	143909	32.72	ng	98
46) 2-Chloronaphthalene	9.62	162	108015	29.90	ng	97
47) 2-Nitroaniline	9.72	65	33931	32.56	ng	92
48) Acenaphthylene	10.03	152	173533	31.76	ng	99
49) Dimethylphthalate	9.88	163	189114	46.75	ng	99
50) 2,6-Dinitrotoluene	9.95	165	29559	33.95	ng	93
51) Acenaphthene	10.20	154	111131	33.44	ng	96
52) 3-Nitroaniline	10.13	138	25497	27.21	ng	94
53) 2,4-Dinitrophenol	10.24	184	19637	58.13	ng	90
54) Dibenzofuran	10.37	168	151923	32.41	ng	99
55) 4-Nitrophenol	10.30	139	43443	63.80	ng #	85
56) 2,4-Dinitrotoluene	10.35	165	34680	35.16	ng #	23
57) Fluorene	10.72	166	123540	32.78	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.50	232	29821	34.67	ng	99
59) Diethylphthalate	10.58	149	135185	33.77	ng	100
60) 4-Chlorophenyl-phenylether	10.70	204	60680	34.33	ng	93
61) 4-Nitroaniline	10.75	138	27237	32.03	ng	94
62) Azobenzene	10.86	77	137341	35.90	ng	98
64) 4,6-Dinitro-2-methylphenol	10.76	198	15860	29.93	ng	86
65) n-Nitrosodiphenylamine	10.83	169	106876	29.42	ng	99
66) 4-Bromophenyl-phenylether	11.20	248	35233	31.59	ng	88
67) Hexachlorobenzene	11.28	284	36774	30.30	ng	98
68) Atrazine	11.34	200	35293	33.35	ng	98
69) Pentachlorophenol	11.47	266	38367	68.62	ng	96
70) Phenanthrene	11.69	178	194467	29.92	ng	98
71) Anthracene	11.74	178	212597	34.79	ng	99
72) Carbazole	11.90	167	183086	33.07	ng	98
73) Di-n-butylphthalate	12.22	149	223251	38.00	ng #	98
74) Fluoranthene	12.96	202	234136	36.53	ng	98
76) Benzidine	13.09	184	121235	31.69	ng	99
77) Pyrene	13.21	202	240900	31.69	ng	100
79) Butylbenzylphthalate	13.93	149	101487	36.55	ng	95
80) Benzo(a)anthracene	14.66	228	233745	31.06	ng	100
81) 3,3'-Dichlorobenzidine	14.61	252	67708	28.47	ng #	95
82) Chrysene	14.71	228	220000	30.58	ng	98
83) Bis(2-ethylhexyl)phthalate	14.63	149	155074	38.45	ng #	95
84) Di-n-octyl phthalate	15.47	149	254890	35.19	ng	99
85) Indeno(1,2,3-cd)pyrene	18.23	276	233137	23.79	ng	99
87) Benzo(h)fluoranthene	16.05	252	217099	32.53	ng #	98
88) Benzo(k)fluoranthene	16.09	252	222559	34.52	ng	100
89) Benzo(a)pyrene	16.48	252	210924	32.09	ng	98
90) Dibenzo(a,h)anthracene	18.24	278	192982	25.89	ng	98
91) Benzo(g,h,i)perylene	18.73	276	193755	24.84	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.13 min Scan# 441

Delta R.T. 0.00 min

Lab File: BF080488.D

Acq: 15 Jul 2015 13:00

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TP-7D78MSD

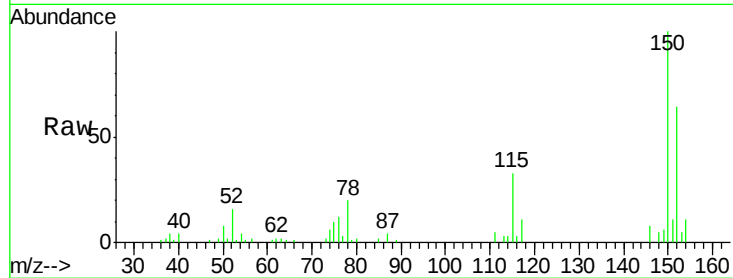
Tgt Ion:152 Resp: 23756

Ion Ratio Lower Upper

152 100

150 155.9 125.5 188.3

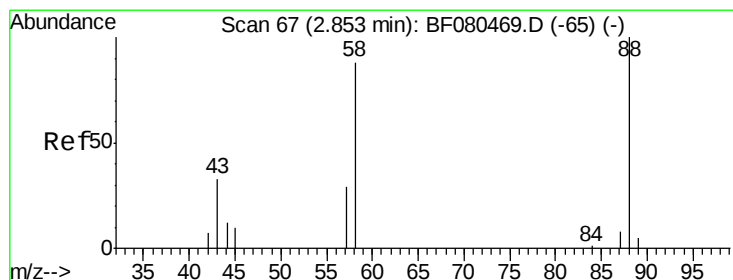
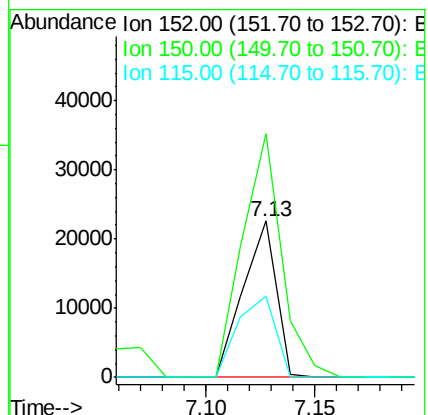
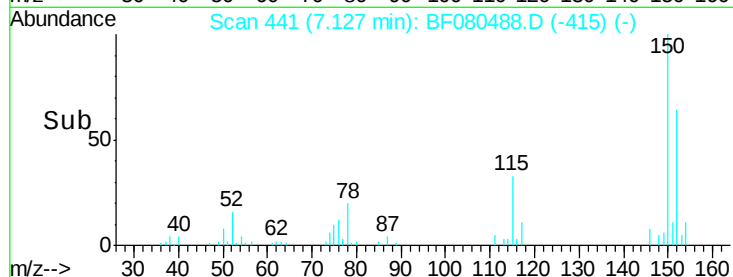
115 51.8 42.9 64.3



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: 30.01 ng

RT: 2.86 min Scan# 68

Delta R.T. 0.01 min

Lab File: BF080488.D

Acq: 15 Jul 2015 13:00

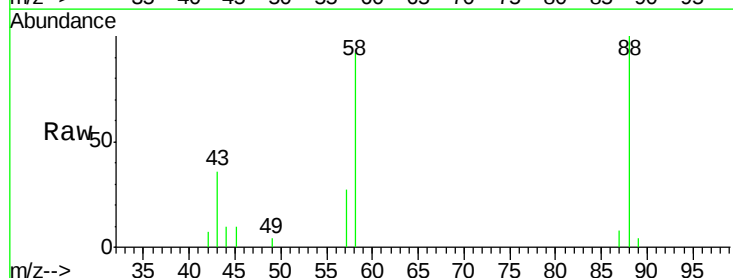
Tgt Ion: 88 Resp: 17569

Ion Ratio Lower Upper

88 100

58 88.8 67.3 100.9

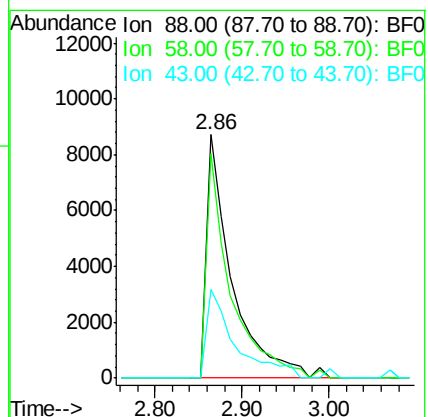
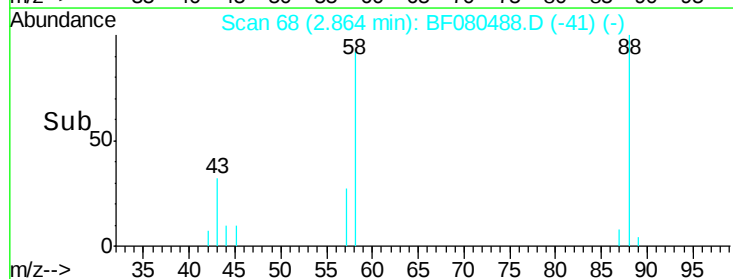
43 41.4 23.8 35.8#

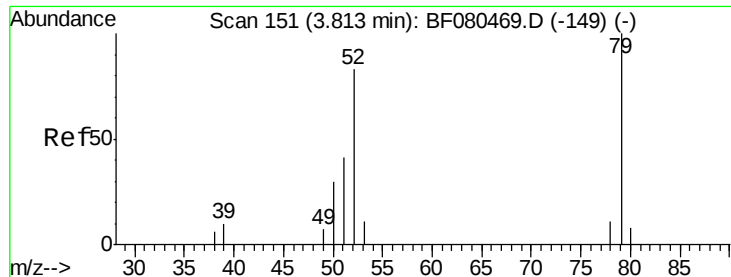


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 26.57 ng

RT: 3.84 min Scan# 153

Delta R.T. 0.02 min

Lab File: BF080488.D

Acq: 15 Jul 2015 13:00

Instrument :

BNA_F

ClientSampleId :

TP-7D78MSD

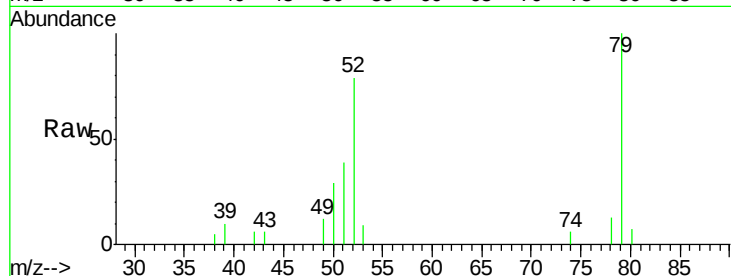
Tgt Ion: 79 Resp: 34378

Ion Ratio Lower Upper

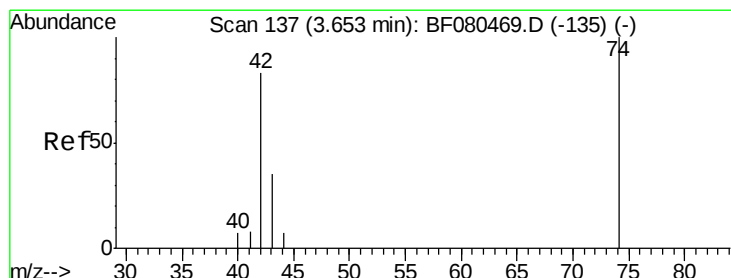
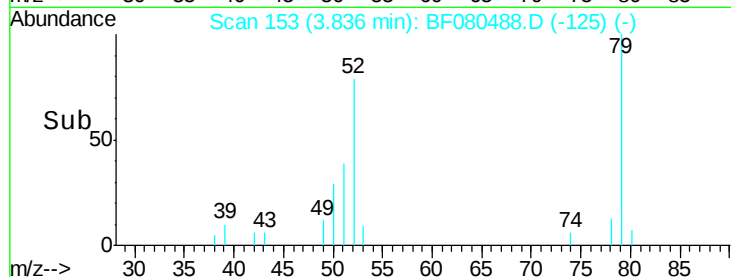
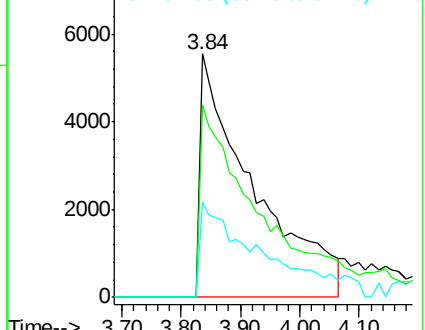
79 100

52 79.0 66.6 99.8

51 38.9 32.5 48.7



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 35.02 ng

RT: 3.66 min Scan# 138

Delta R.T. 0.01 min

Lab File: BF080488.D

Acq: 15 Jul 2015 13:00

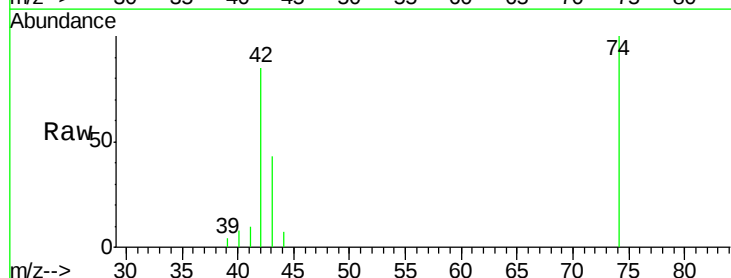
Tgt Ion: 42 Resp: 26635

Ion Ratio Lower Upper

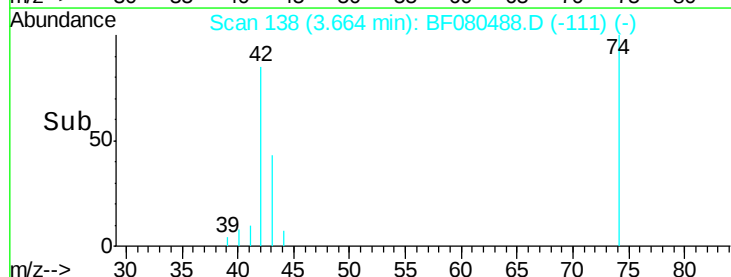
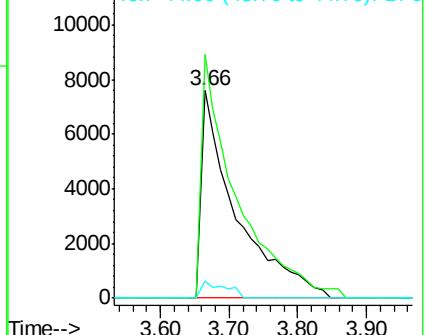
42 100

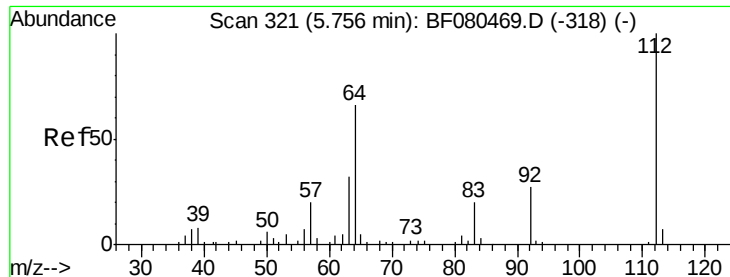
74 117.4 96.6 144.8

44 7.9 7.0 10.4



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 95.99 ng

RT: 5.76 min Scan# 321

Delta R.T. 0.00 min

Lab File: BF080488.D

Acq: 15 Jul 2015 13:00

Instrument :

BNA_F

ClientSampleId :

TP-7D78MSD

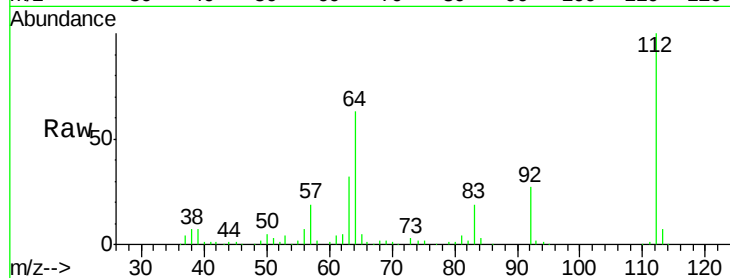
Tgt Ion: 112 Resp: 139510

Ion Ratio Lower Upper

112 100

64 63.0 52.6 79.0

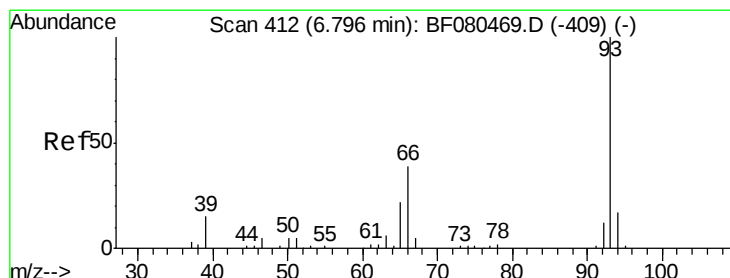
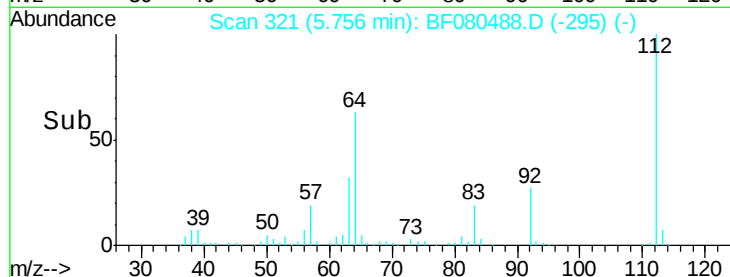
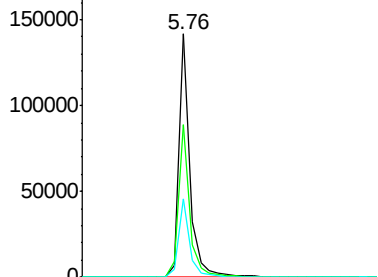
63 32.2 25.9 38.9



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 23.71 ng

RT: 6.80 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF080488.D

Acq: 15 Jul 2015 13:00

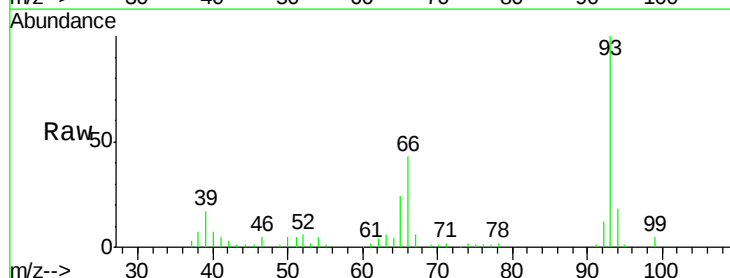
Tgt Ion: 93 Resp: 61211

Ion Ratio Lower Upper

93 100

66 43.0 34.5 51.7

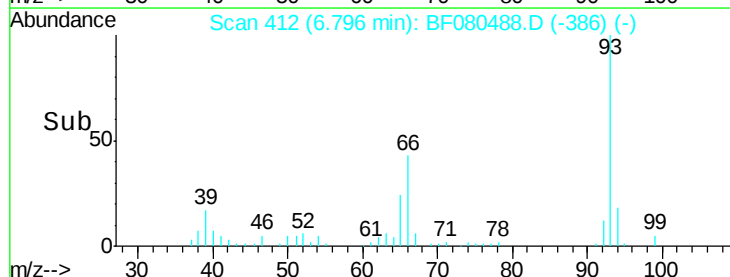
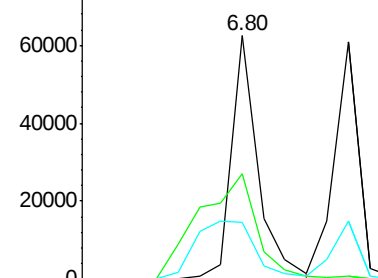
65 23.6 18.2 27.2

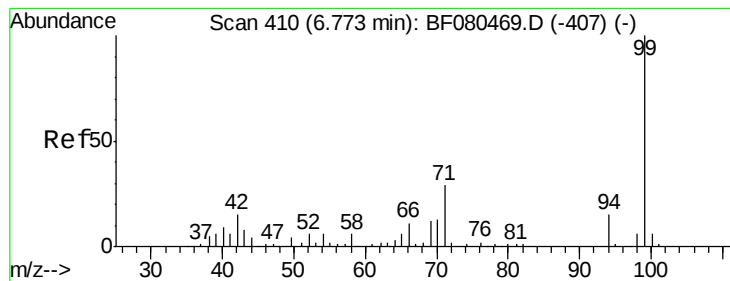


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 106.94 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF080488.D

Acq: 15 Jul 2015 13:00

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TP-7D78MSD

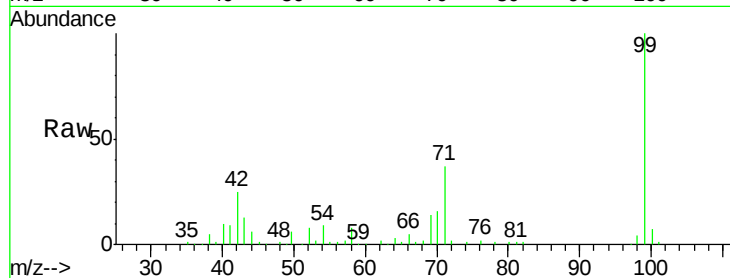
Tgt Ion: 99 Resp: 190206

Ion Ratio Lower Upper

99 100

42 25.3 12.4 18.6#

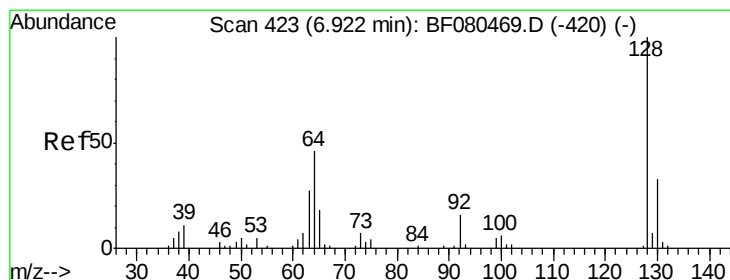
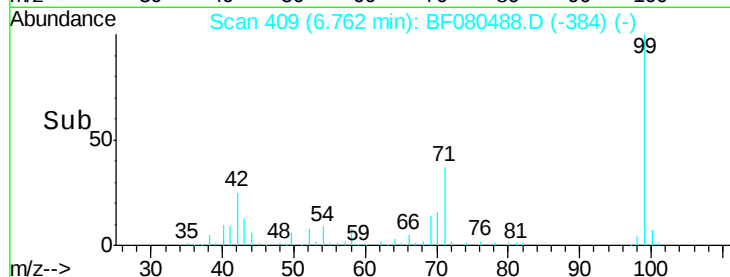
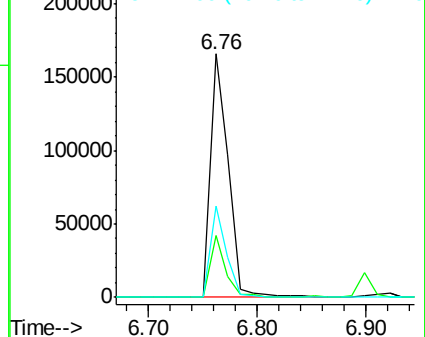
71 37.5 22.9 34.3#



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: 35.09 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF080488.D

Acq: 15 Jul 2015 13:00

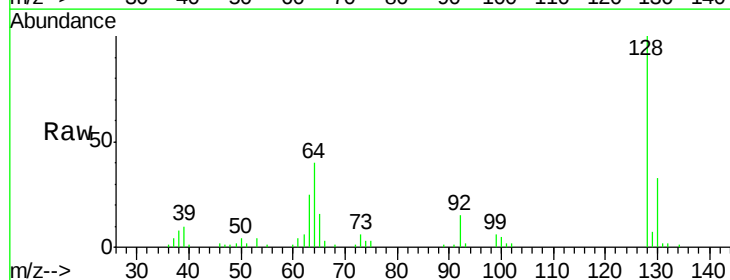
Tgt Ion: 128 Resp: 53506

Ion Ratio Lower Upper

128 100

130 33.0 13.5 53.5

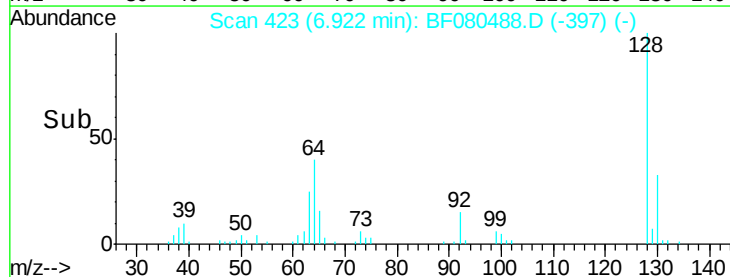
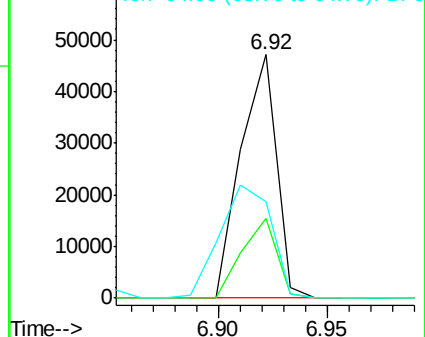
64 39.7 26.3 66.3

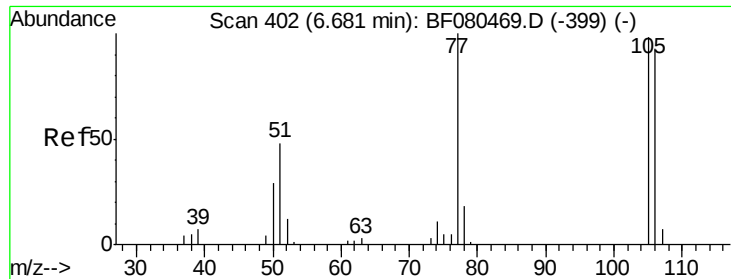


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

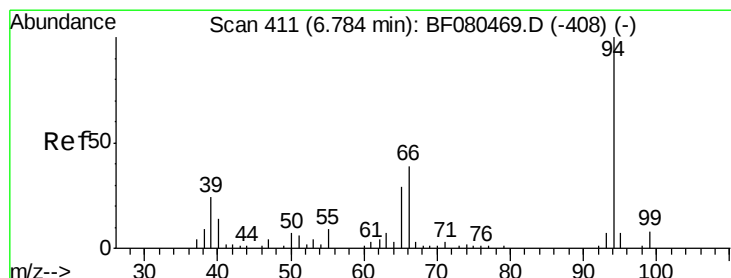
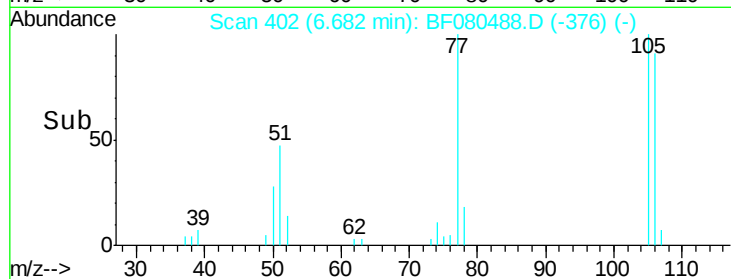
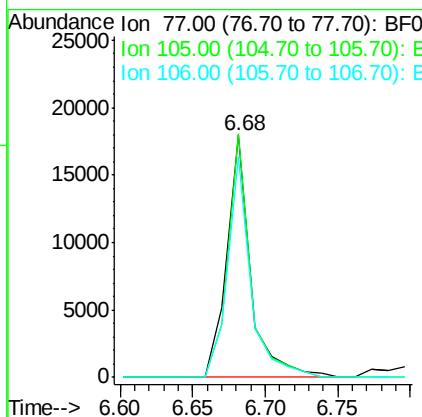
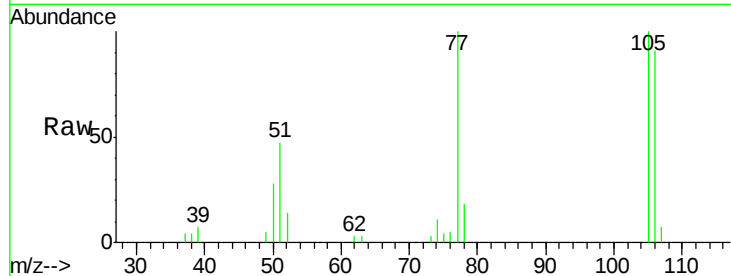




#9
Benzaldehyde
Concen: 18.87 ng
RT: 6.68 min Scan# 402
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

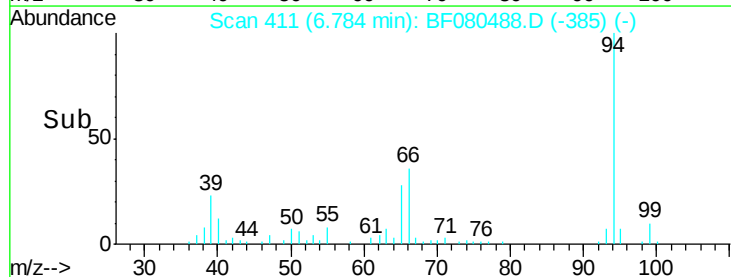
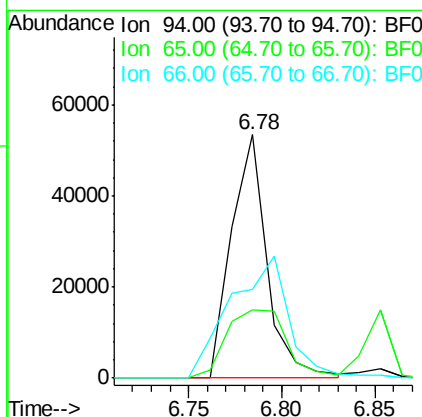
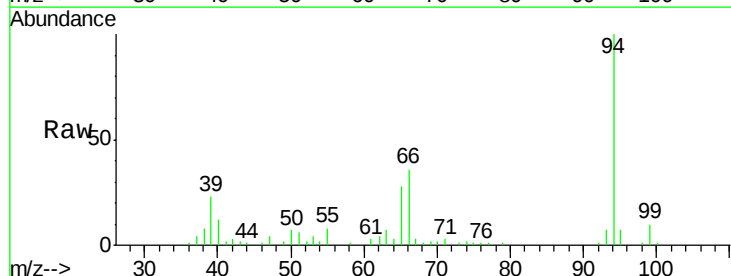
Instrument :
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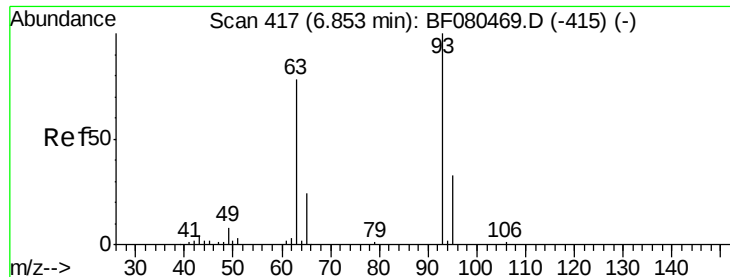
Tgt Ion: 77 Resp: 20499
Ion Ratio Lower Upper
77 100
105 100.5 77.7 117.7
106 91.1 72.6 112.6



#10
Phenol
Concen: 34.70 ng
RT: 6.78 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion: 94 Resp: 71155
Ion Ratio Lower Upper
94 100
65 27.9 9.3 49.3
66 36.2 19.3 59.3

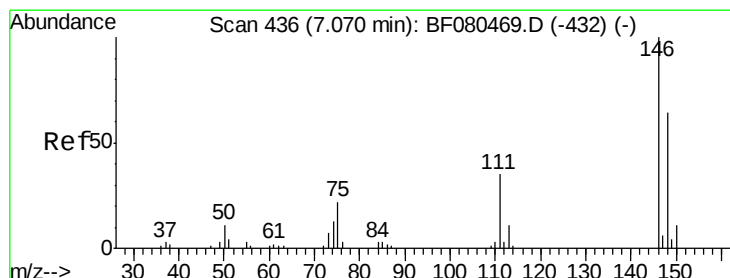
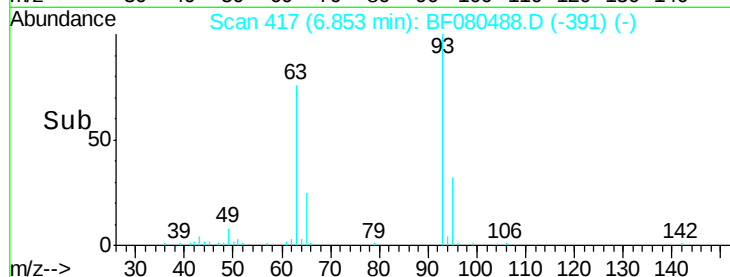
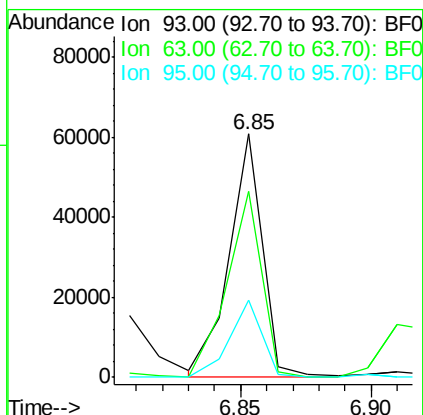
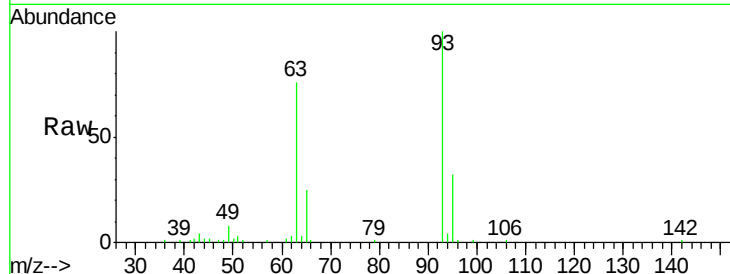




#11
bis(2-Chloroethyl)ether
Concen: 35.13 ng
RT: 6.85 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

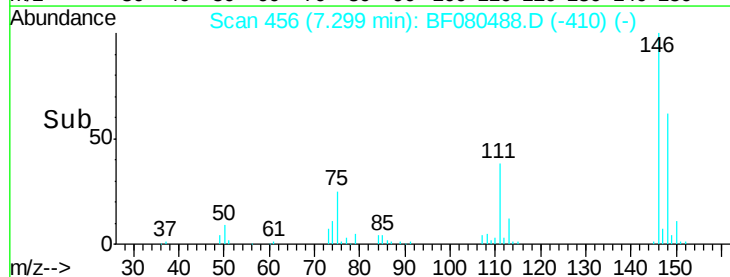
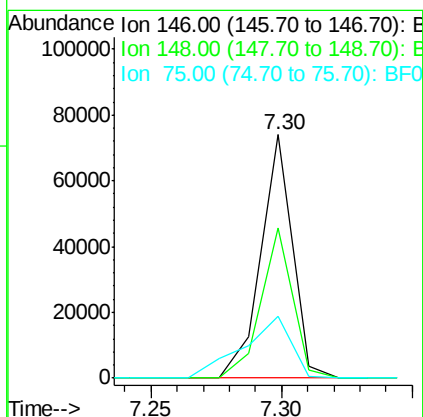
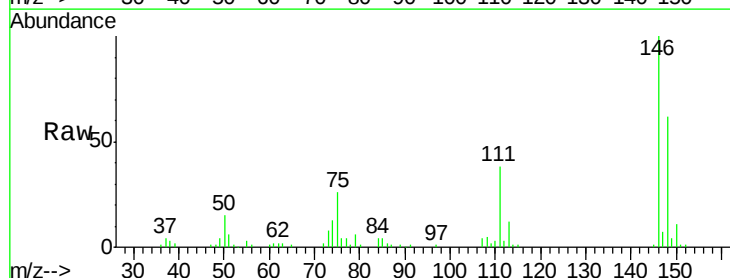
Instrument :
BNA_F
ClientSampleId :
TP-7D78MSD

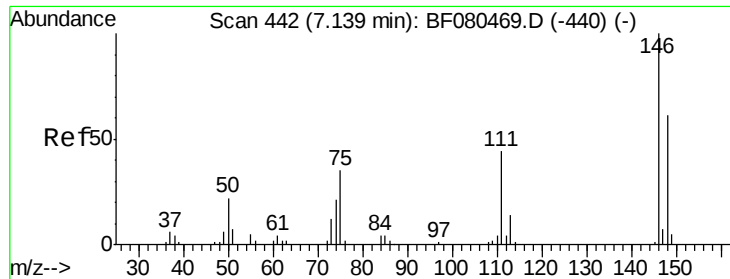
Tgt Ion: 93 Resp: 54754
Ion Ratio Lower Upper
93 100
63 76.4 56.4 96.4
95 31.8 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 34.75 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.23 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion: 146 Resp: 61788
Ion Ratio Lower Upper
146 100
148 61.9 51.0 76.6
75 25.5 17.3 25.9

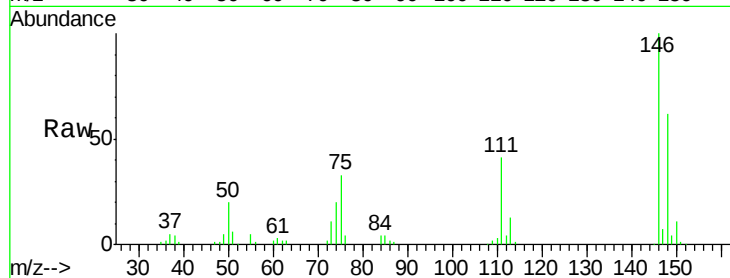




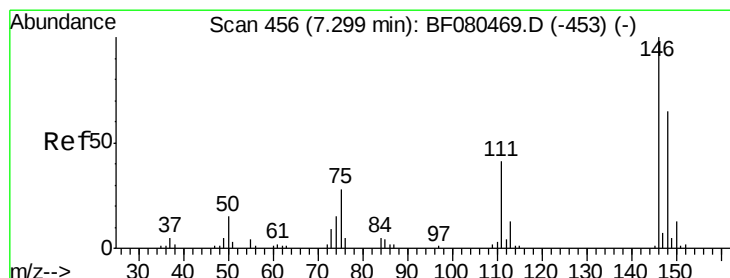
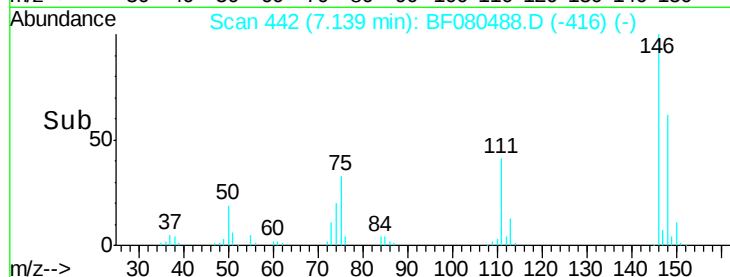
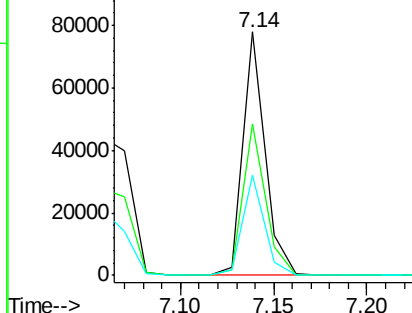
#13
 1,4-Dichlorobenzene
 Concen: 33.44 ng
 RT: 7.14 min Scan# 442
 Delta R.T. 0.00 min
 Lab File: BF080488.D
 Acq: 15 Jul 2015 13:00

Instrument :
 BNA_F
 ClientSampleId :
 TP-7D78MSD

Tgt Ion:146 Resp: 64640
 Ion Ratio Lower Upper
 146 100
 148 62.2 48.5 72.7
 111 41.2 35.0 52.4

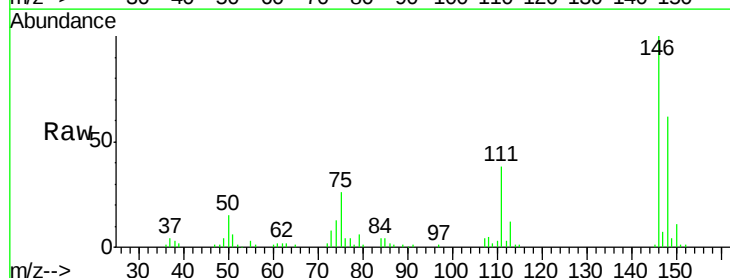


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

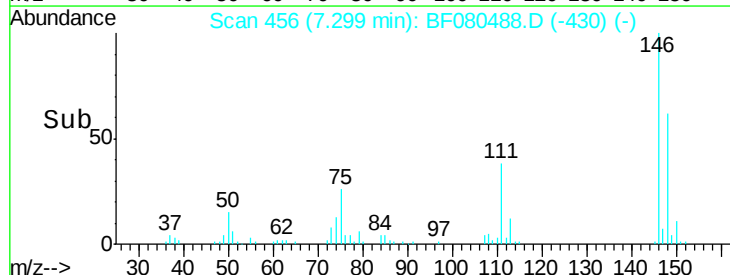
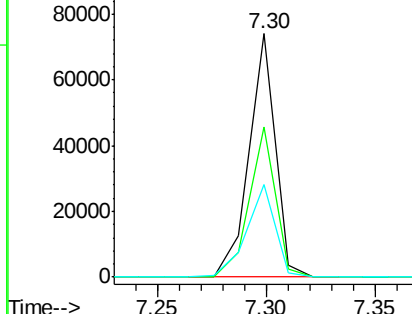


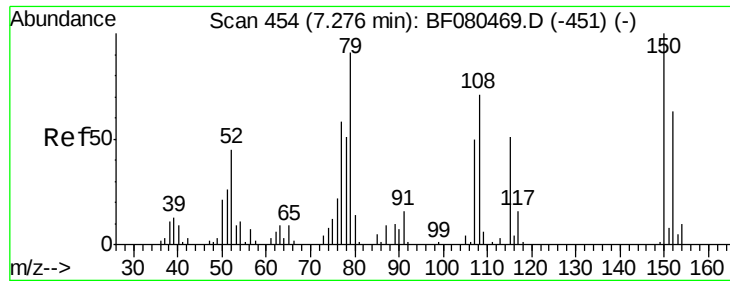
#14
 1,2-Dichlorobenzene
 Concen: 33.07 ng
 RT: 7.30 min Scan# 456
 Delta R.T. 0.00 min
 Lab File: BF080488.D
 Acq: 15 Jul 2015 13:00

Tgt Ion:146 Resp: 61791
 Ion Ratio Lower Upper
 146 100
 148 61.9 51.7 77.5
 111 37.8 32.6 49.0



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

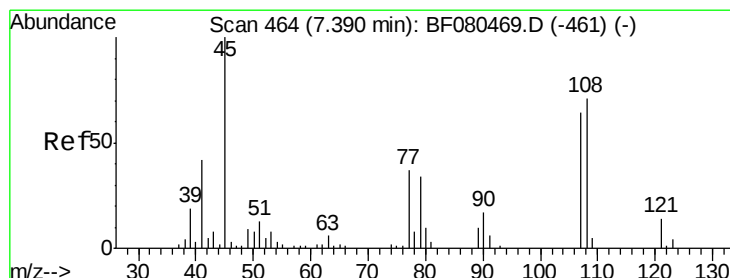
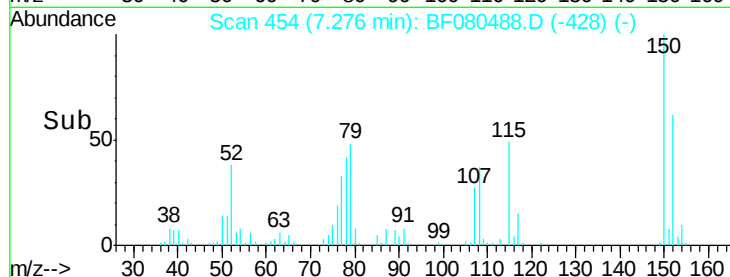
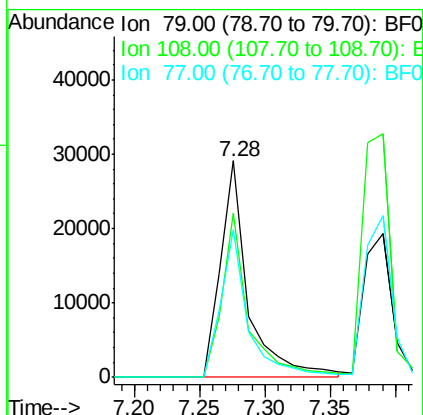
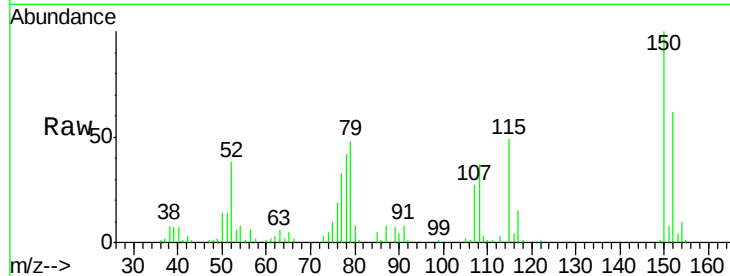




#15
Benzyl Alcohol
Concen: 34.08 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

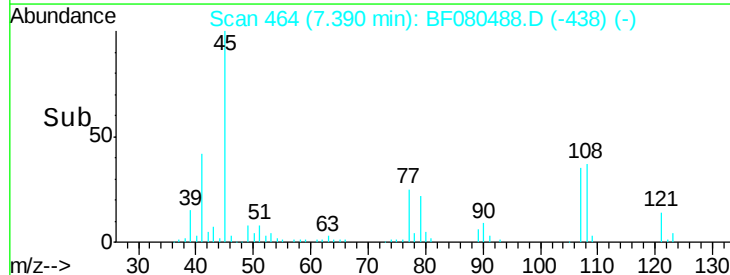
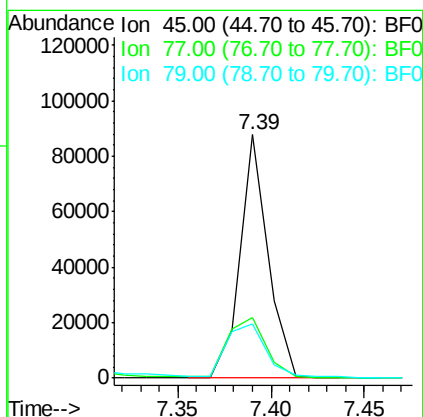
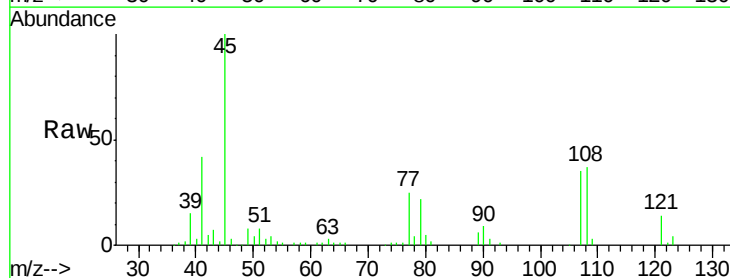
Instrument :
BNA_F
ClientSampleId :
TP-7D78MSD

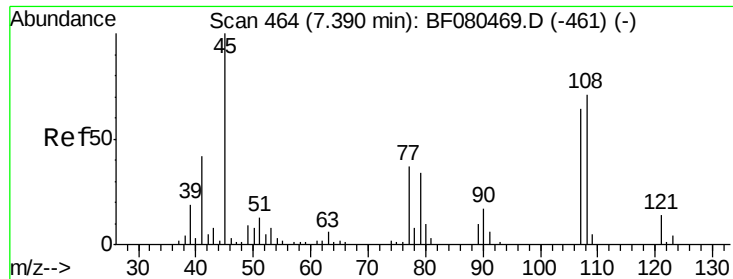
Tgt Ion: 79 Resp: 43375
Ion Ratio Lower Upper
79 100
108 75.9 63.0 94.4
77 68.3 51.1 76.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.16 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion: 45 Resp: 91351
Ion Ratio Lower Upper
45 100
77 24.7 17.4 57.4
79 22.0 14.7 54.7

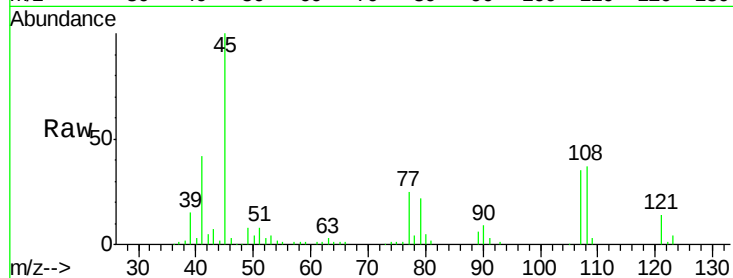




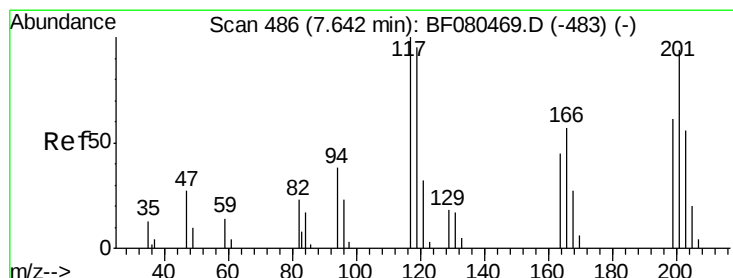
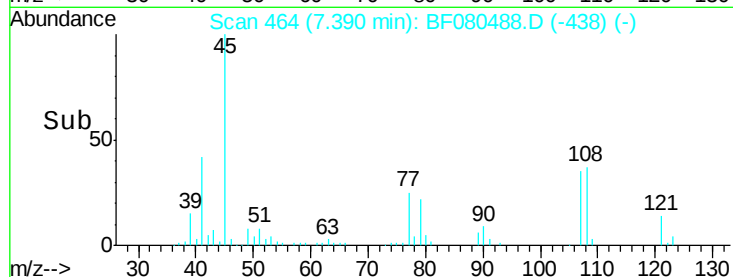
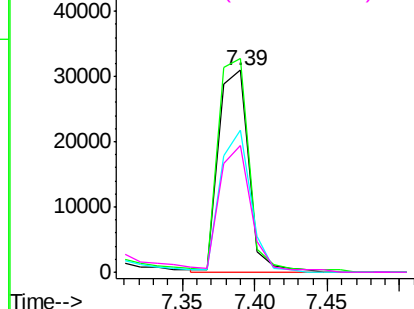
#17
2-Methylphenol
Concen: 36.25 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Instrument :
BNA_F
ClientSampleId :
TP-7D78MSD

Tgt Ion:107 Resp: 44737
Ion Ratio Lower Upper
107 100
108 105.6 89.0 133.4
77 70.0 46.6 70.0#
79 62.4 43.2 64.8

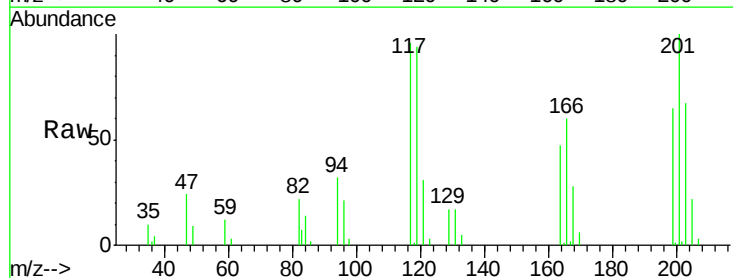


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

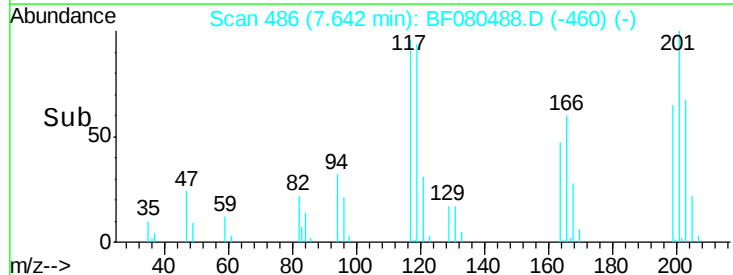
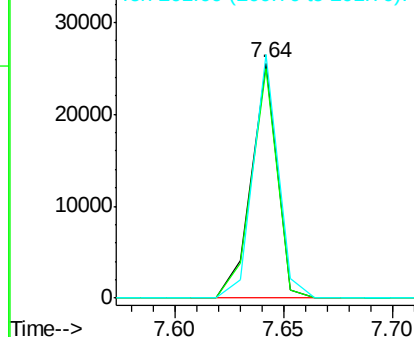


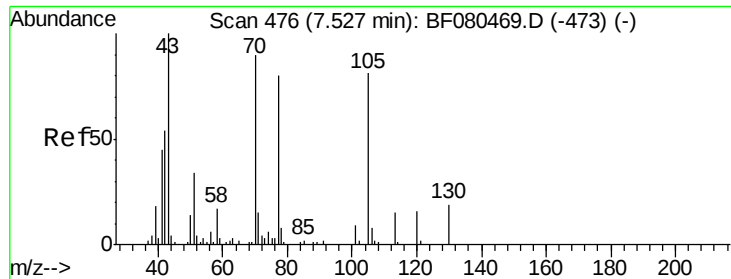
#18
Hexachloroethane
Concen: 32.92 ng
RT: 7.64 min Scan# 486
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:117 Resp: 20967
Ion Ratio Lower Upper
117 100
119 97.8 75.6 113.4
201 103.7 75.0 112.6



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

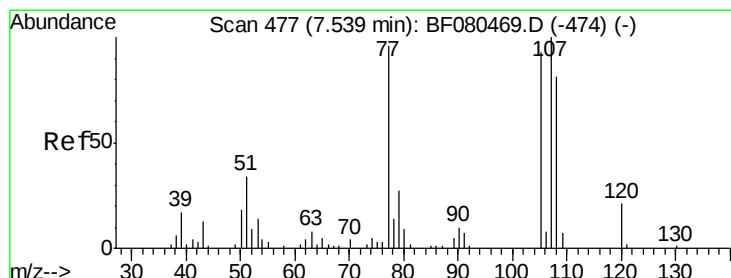
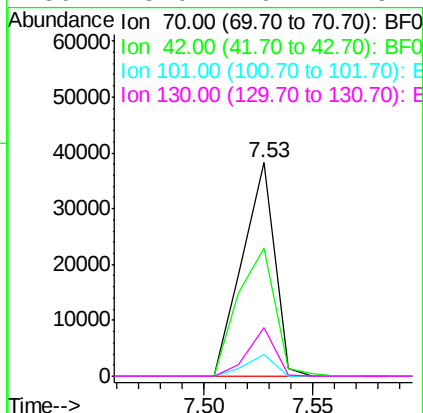
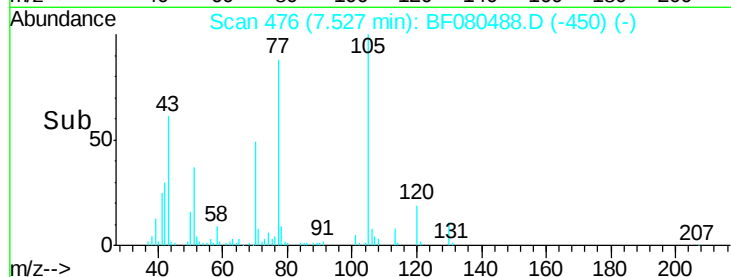
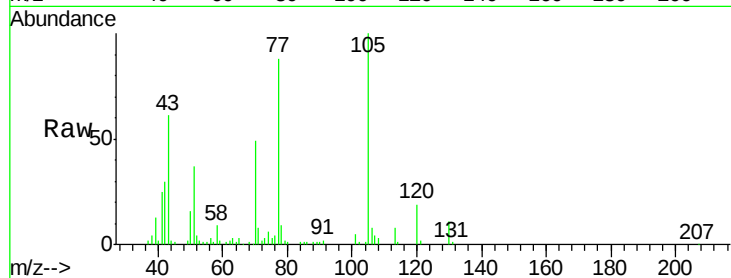




#19
n-Nitroso-di-n-propylamine
Concen: 32.99 ng
RT: 7.53 min Scan# 476
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

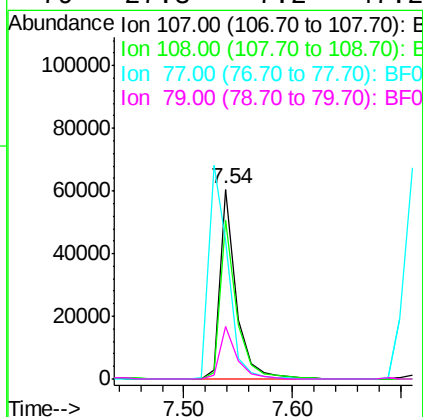
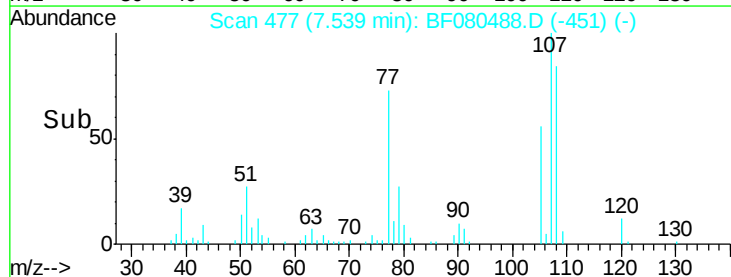
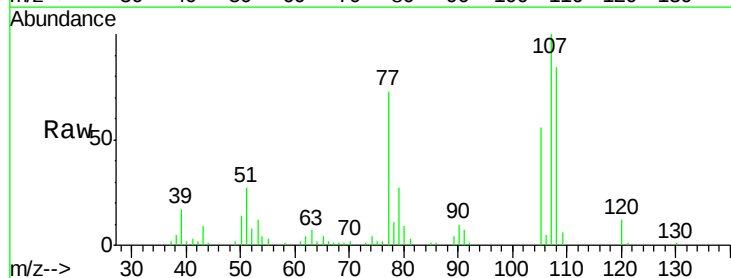
Instrument :
BNA_F
ClientSampleId :
TP-7D78MSD

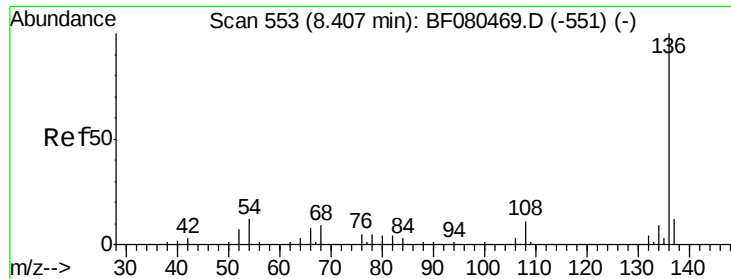
Tgt Ion:	70	Resp:	39743
Ion	Ratio	Lower	Upper
70	100		
42	60.2	48.0	72.0
101	10.4	7.8	11.6
130	23.0	16.7	25.1



#20
3+4-Methylphenols
Concen: 36.13 ng
RT: 7.54 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:	107	Resp:	63186
Ion	Ratio	Lower	Upper
107	100		
108	83.9	61.4	101.4
77	73.1	76.4	116.4
79	27.3	7.2	47.2

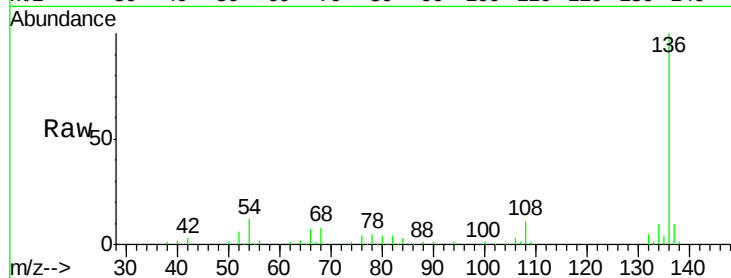




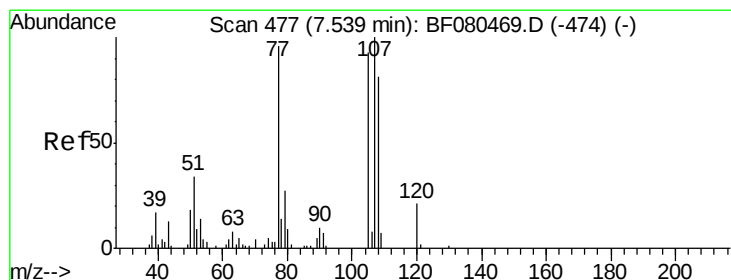
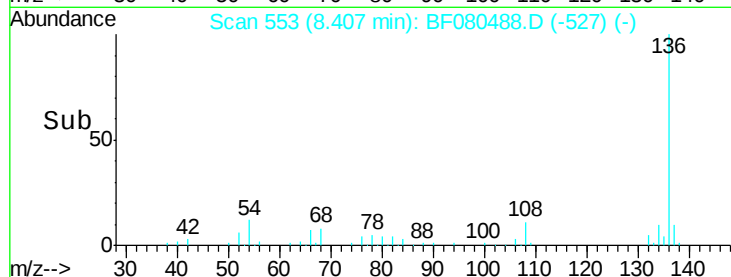
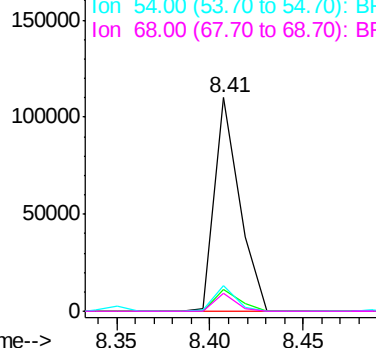
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.41 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Instrument :
BNA_F
ClientSampleId :
TP-7D78MSD

Tgt Ion:	136	Resp:	102468
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.5	14.3
54	11.9	9.8	14.8
68	8.4	7.0	10.4

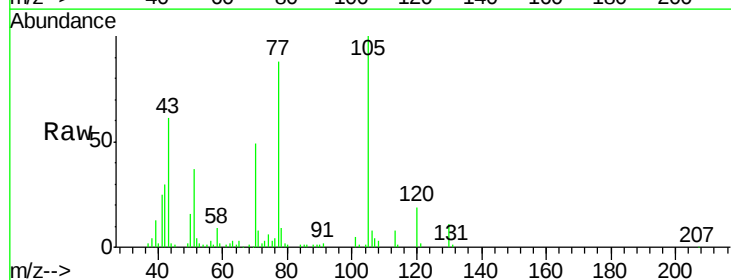


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

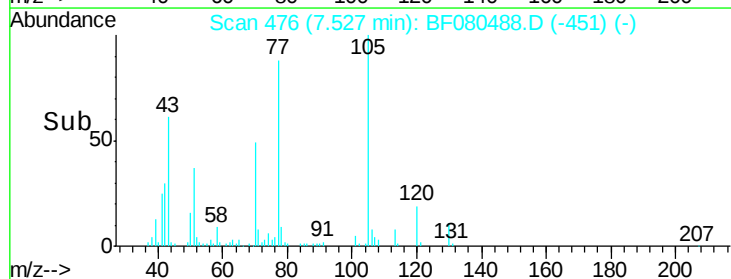
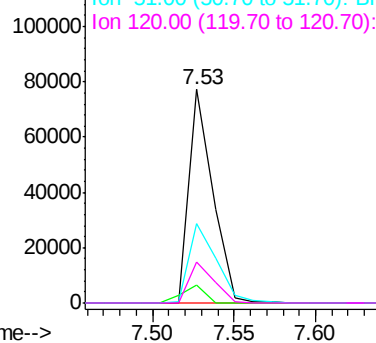


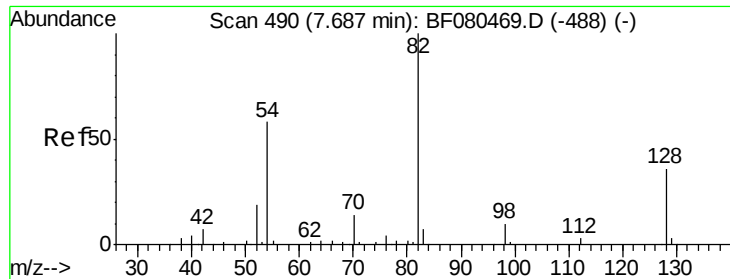
#22
Acetophenone
Concen: 32.56 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:	105	Resp:	78282
Ion	Ratio	Lower	Upper
105	100		
71	8.3	0.0	0.0#
51	37.0	29.0	43.6
120	19.3	18.3	27.5



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

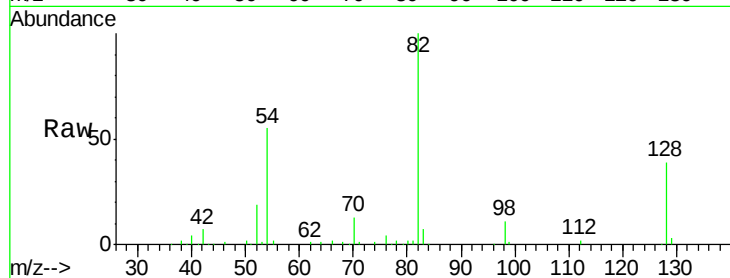




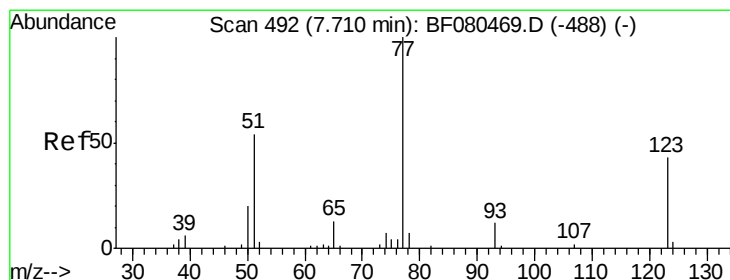
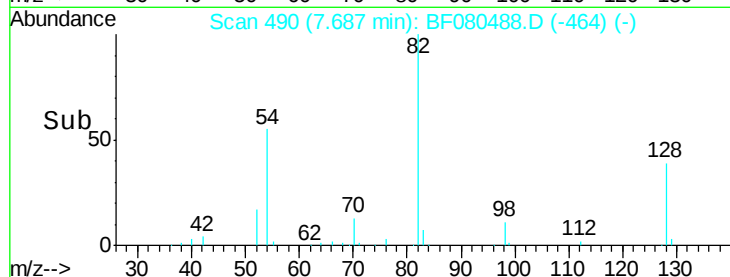
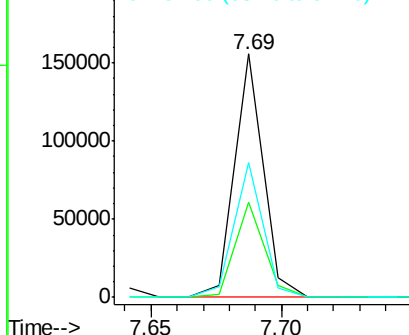
#23
Nitrobenzene-d5
Concen: 64.43 ng
RT: 7.69 min Scan# 490
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Instrument :
BNA_F
ClientSampleId :
TP-7D78MSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.1	29.0	43.4
54	55.5	46.4	69.6

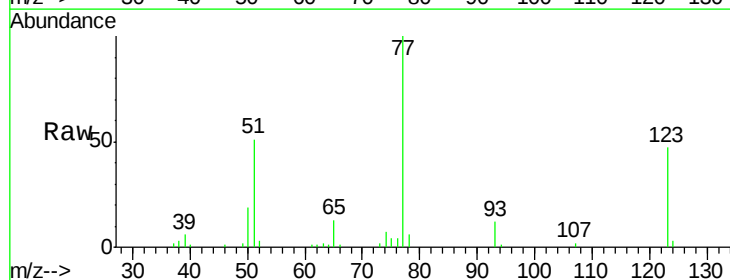


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

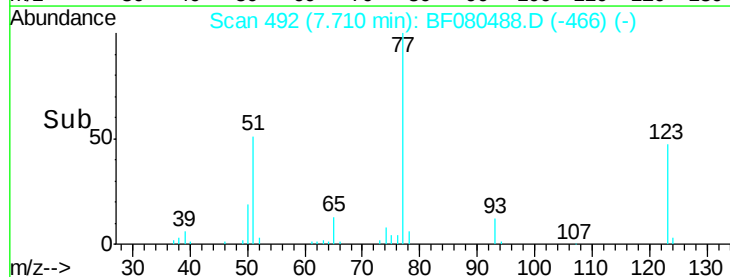
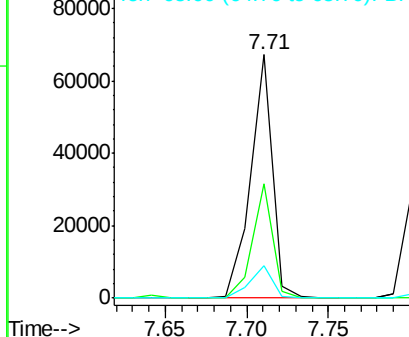


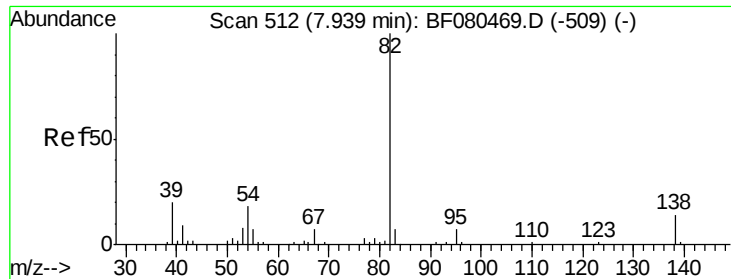
#24
Nitrobenzene
Concen: 30.14 ng
RT: 7.71 min Scan# 492
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.9	34.6	51.8
65	13.2	10.2	15.2



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





#25

Isophorone

Concen: 34.28 ng

RT: 7.94 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF080488.D

Acq: 15 Jul 2015 13:00

Instrument :

BNA_F

ClientSampleId :

TP-7D78MSD

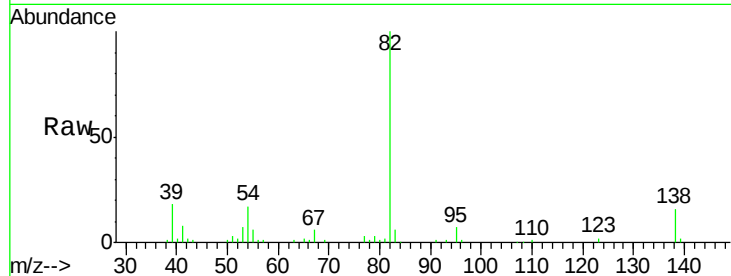
Tgt Ion: 82 Resp: 118499

Ion Ratio Lower Upper

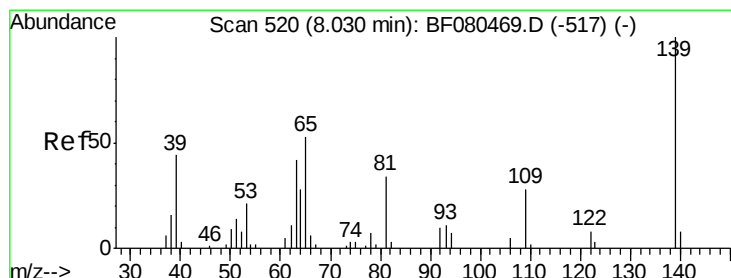
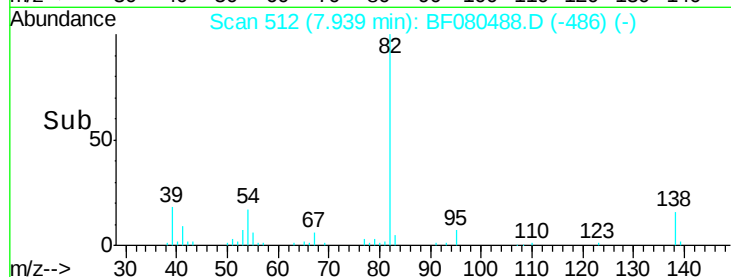
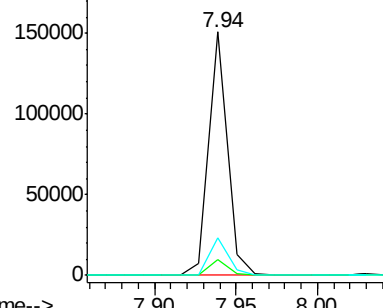
82 100

95 6.6 5.5 8.3

138 15.6 10.8 16.2



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: 30.54 ng

RT: 8.03 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF080488.D

Acq: 15 Jul 2015 13:00

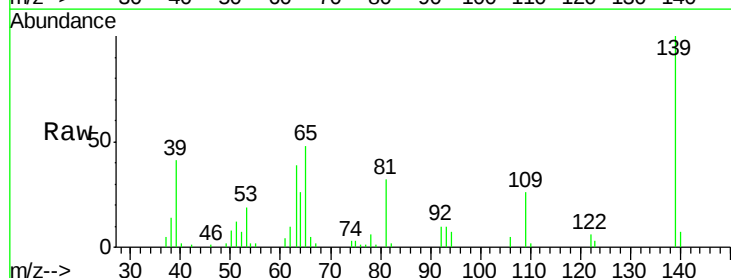
Tgt Ion: 139 Resp: 27335

Ion Ratio Lower Upper

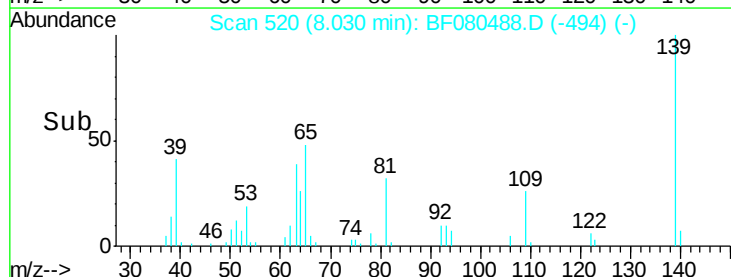
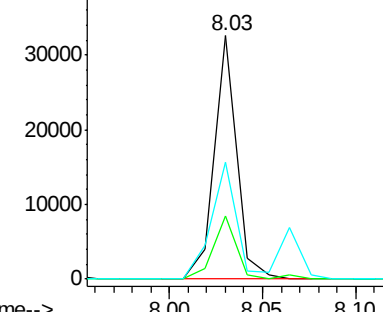
139 100

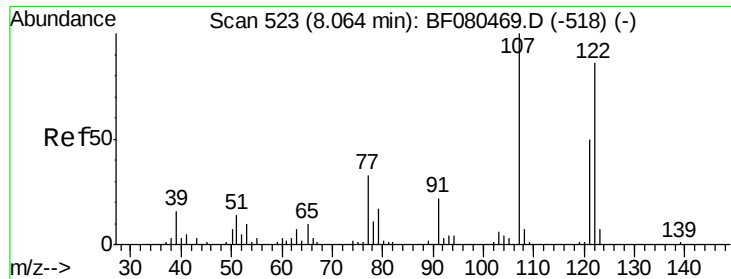
109 26.2 22.6 33.8

65 48.1 42.4 63.6



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

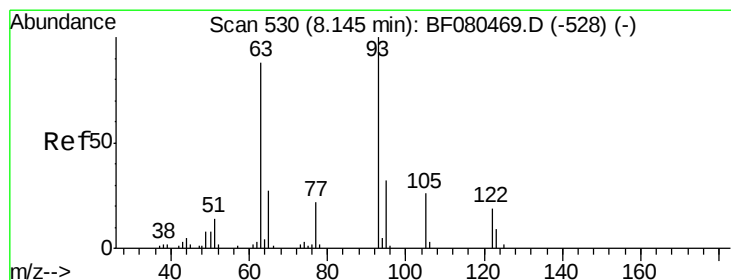
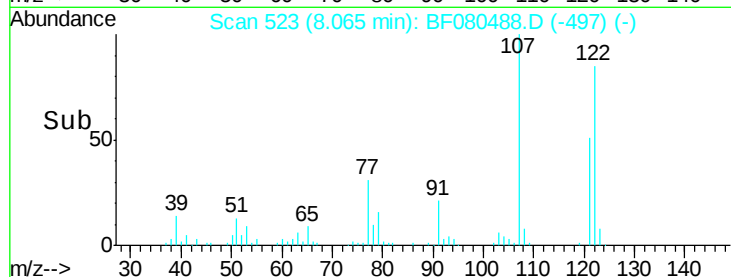
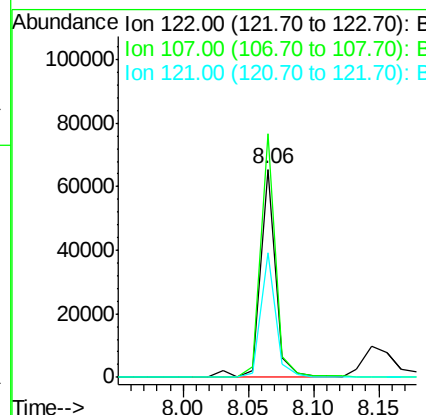
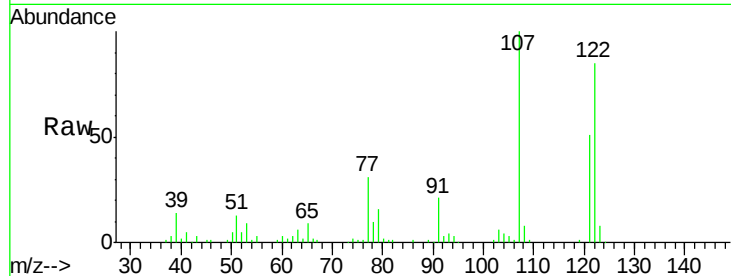




#27
 2,4-Dimethylphenol
 Concen: 32.52 ng
 RT: 8.06 min Scan# 523
 Delta R.T. 0.00 min
 Lab File: BF080488.D
 Acq: 15 Jul 2015 13:00

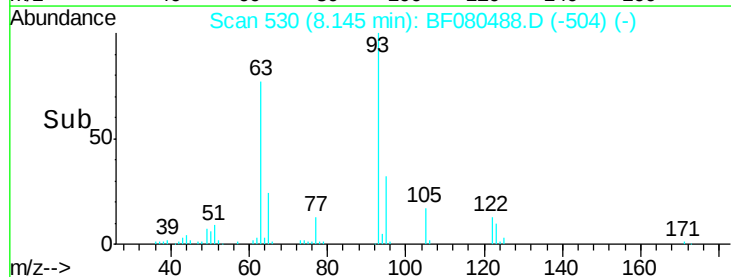
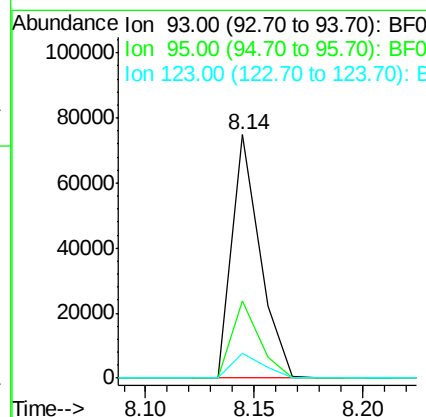
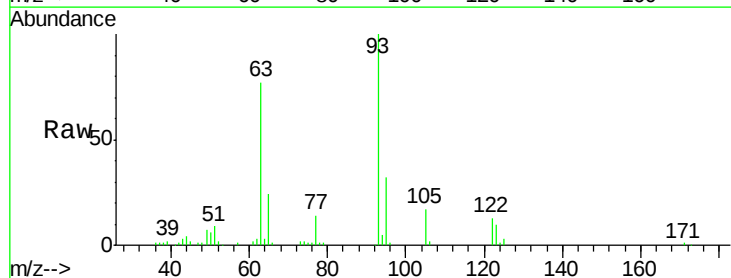
Instrument :
 BNA_F
 ClientSampleId :
 TP-7D78MSD

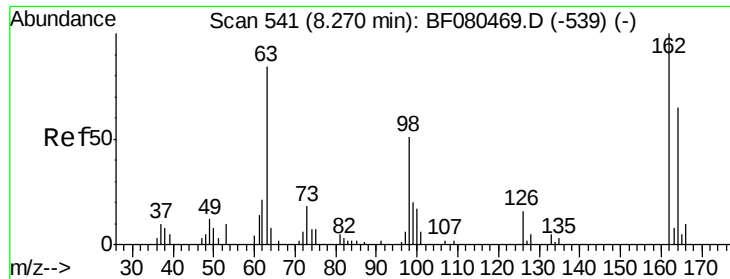
Tgt Ion:122 Resp: 53381
 Ion Ratio Lower Upper
 122 100
 107 117.2 93.3 139.9
 121 60.2 47.1 70.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 34.43 ng
 RT: 8.14 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: BF080488.D
 Acq: 15 Jul 2015 13:00

Tgt Ion: 93 Resp: 66928
 Ion Ratio Lower Upper
 93 100
 95 31.7 25.4 38.2
 123 10.4 7.5 11.3

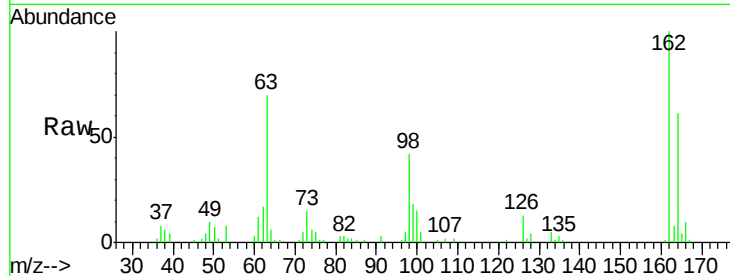




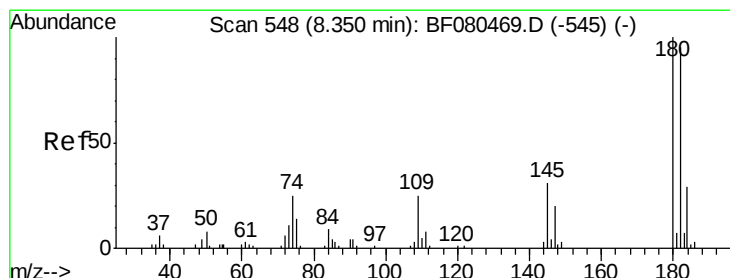
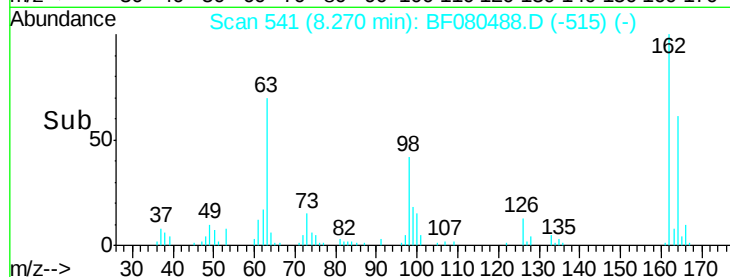
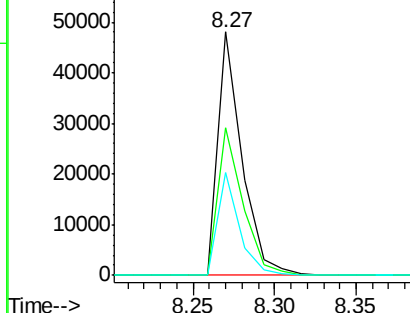
#29
 2,4-Dichlorophenol
 Concen: 34.34 ng
 RT: 8.27 min Scan# 541
 Delta R.T. 0.00 min
 Lab File: BF080488.D
 Acq: 15 Jul 2015 13:00

Instrument :
 BNA_F
 ClientSampleId :
 TP-7D78MSD

Tgt Ion:162 Resp: 49148
 Ion Ratio Lower Upper
 162 100
 164 60.6 44.7 84.7
 98 42.5 31.5 71.5

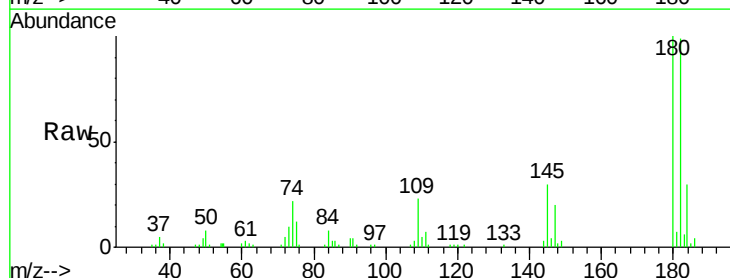


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

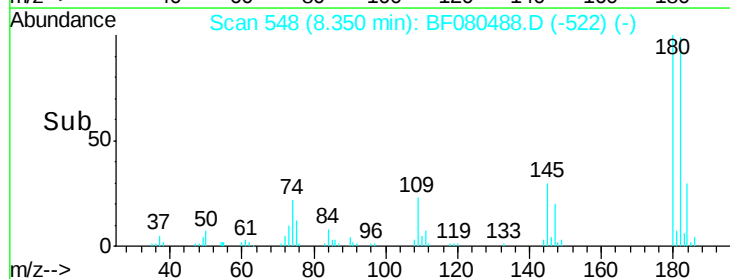
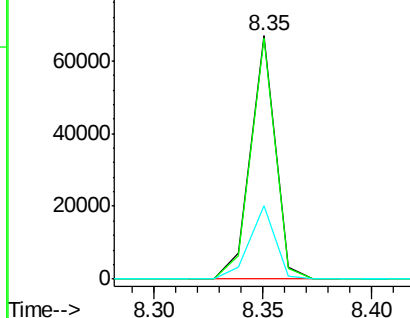


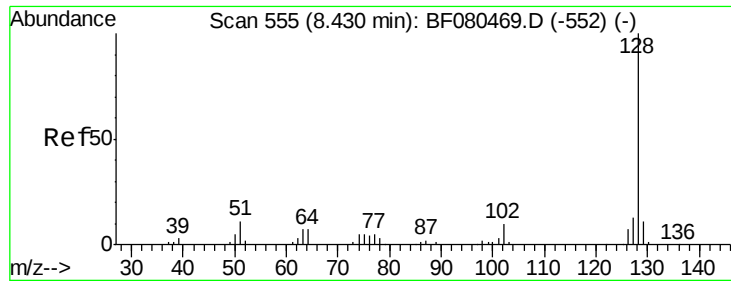
#30
 1,2,4-Trichlorobenzene
 Concen: 29.82 ng
 RT: 8.35 min Scan# 548
 Delta R.T. 0.00 min
 Lab File: BF080488.D
 Acq: 15 Jul 2015 13:00

Tgt Ion:180 Resp: 53104
 Ion Ratio Lower Upper
 180 100
 182 99.1 76.4 114.6
 145 30.1 24.8 37.2



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

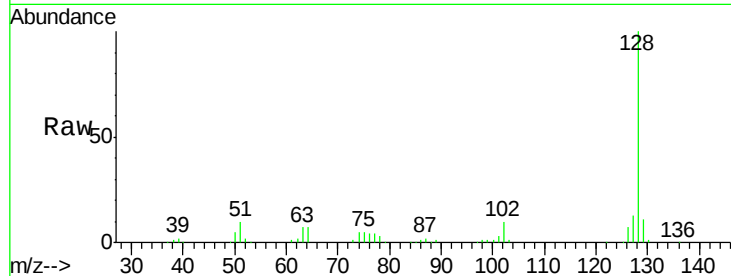




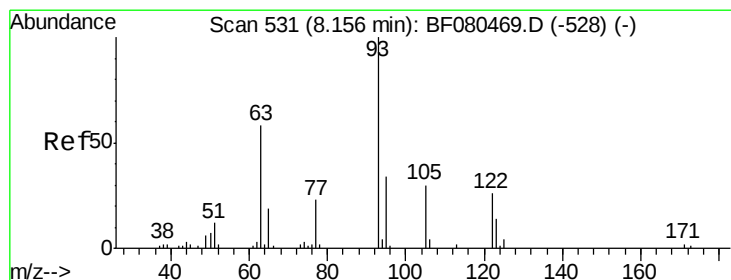
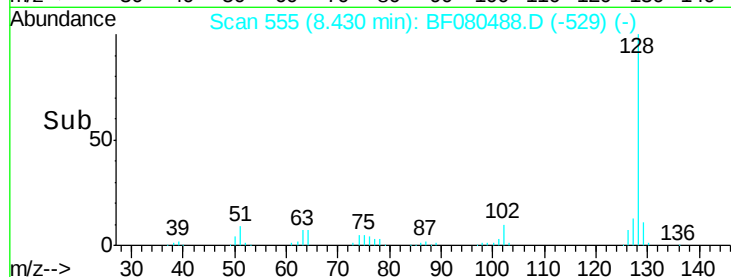
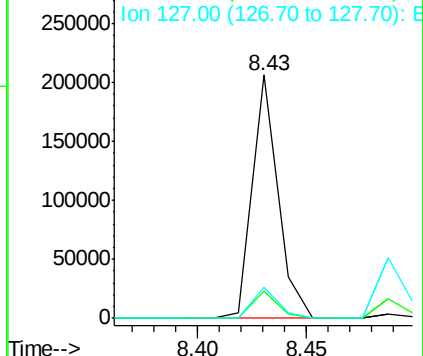
#31
Naphthalene
Concen: 31.93 ng
RT: 8.43 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Instrument :
BNA_F
ClientSampleId :
TP-7D78MSD

Tgt Ion:128 Resp: 169221
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 12.9 10.2 15.2

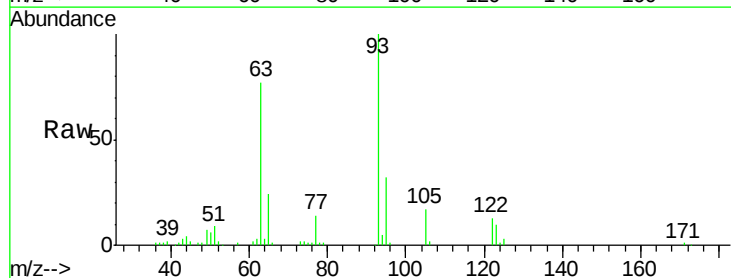


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

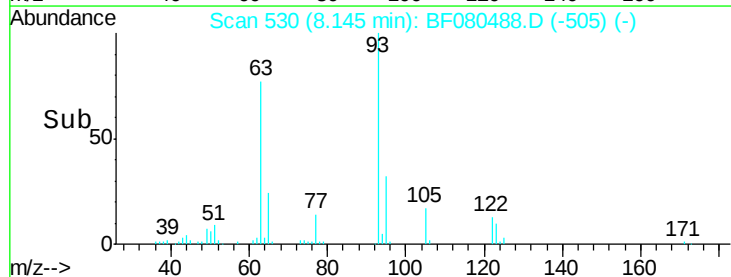
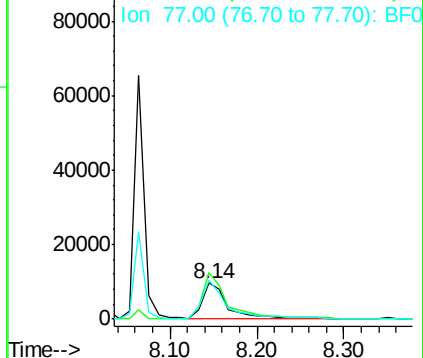


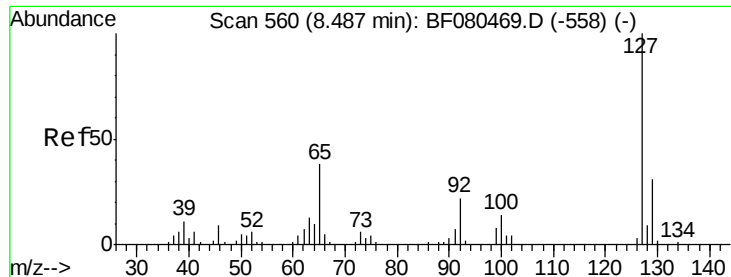
#32
Benzoic acid
Concen: 29.81 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:122 Resp: 20298
Ion Ratio Lower Upper
122 100
105 129.5 95.4 135.4
77 106.8 70.0 110.0



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

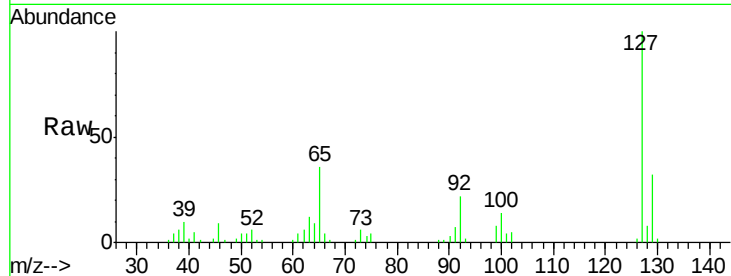




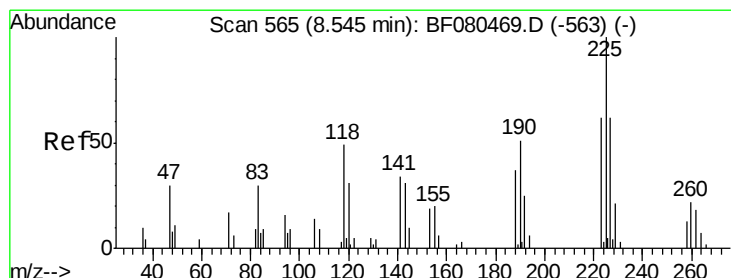
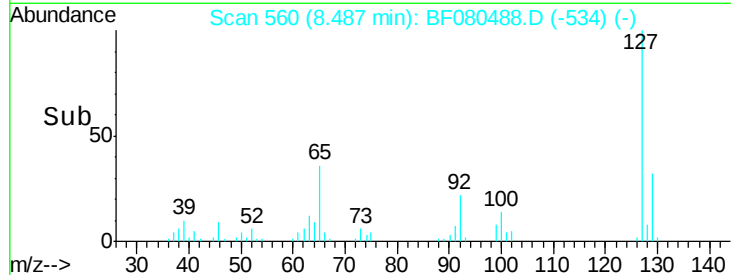
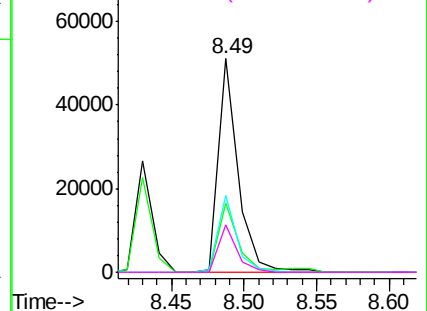
#33
4-Chloroaniline
Concen: 22.99 ng
RT: 8.49 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Instrument :
BNA_F
ClientSampleId :
TP-7D78MSD

Tgt Ion:	127	Resp:	48508
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.1	37.7
65	36.0	30.0	45.0
92	22.2	17.4	26.0

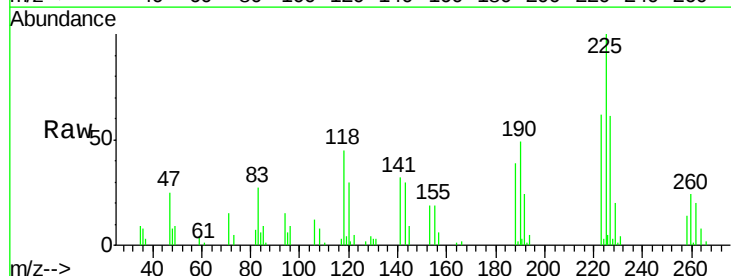


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

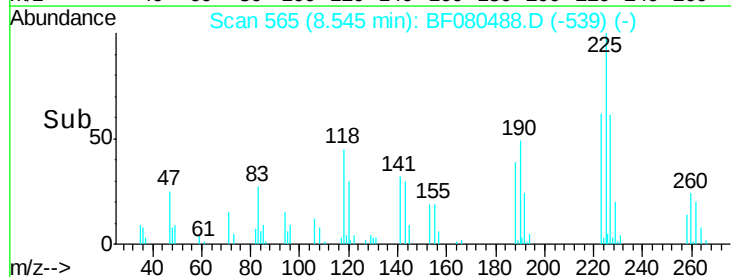
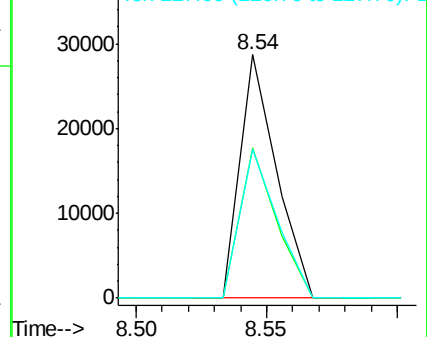


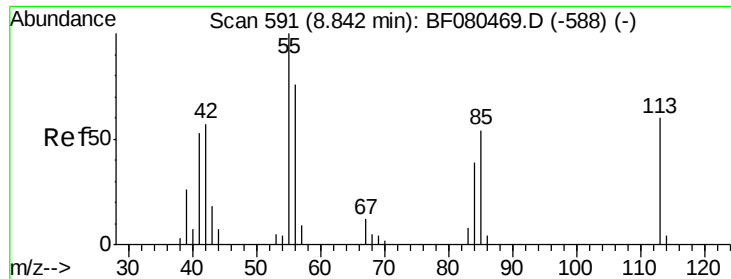
#34
Hexachlorobutadiene
Concen: 30.90 ng
RT: 8.54 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:	225	Resp:	27883
Ion	Ratio	Lower	Upper
225	100		
223	61.8	49.9	74.9
227	61.0	49.2	73.8



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





#35

Caprolactam

Concen: 34.35 ng

RT: 8.83 min Scan# 590

Delta R.T. -0.01 min

Lab File: BF080488.D

Acq: 15 Jul 2015 13:00

Instrument :

BNA_F

ClientSampleId :

TP-7D78MSD

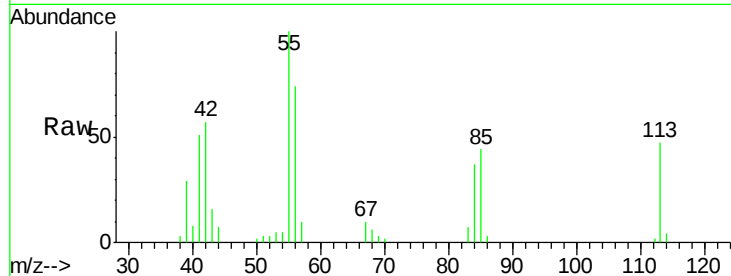
Tgt Ion:113 Resp: 12685

Ion Ratio Lower Upper

113 100

55 212.7 147.5 187.5#

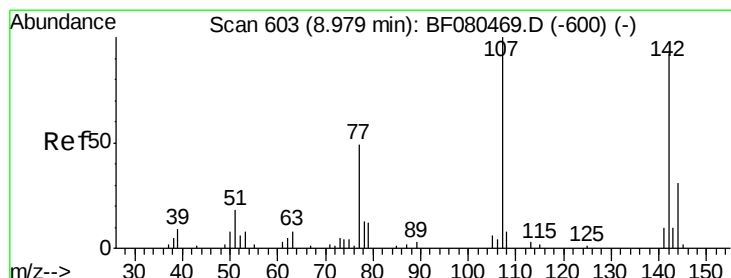
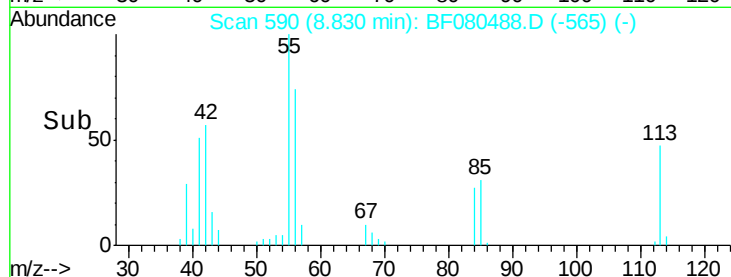
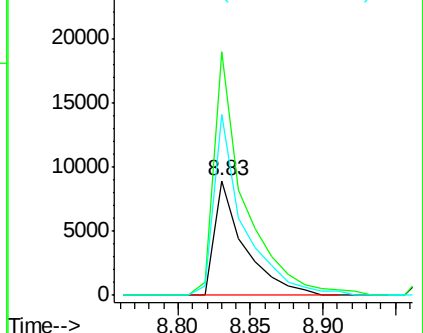
56 158.3 106.7 146.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 35.76 ng

RT: 8.97 min Scan# 602

Delta R.T. -0.01 min

Lab File: BF080488.D

Acq: 15 Jul 2015 13:00

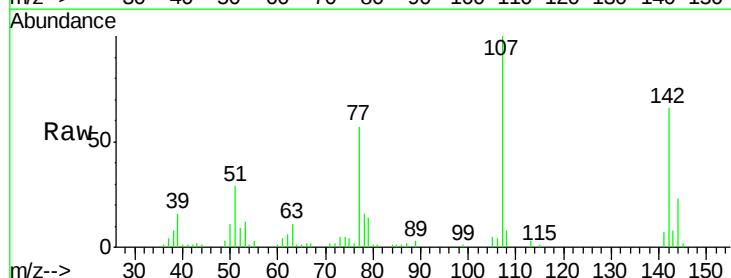
Tgt Ion:107 Resp: 50100

Ion Ratio Lower Upper

107 100

144 22.7 24.8 37.2#

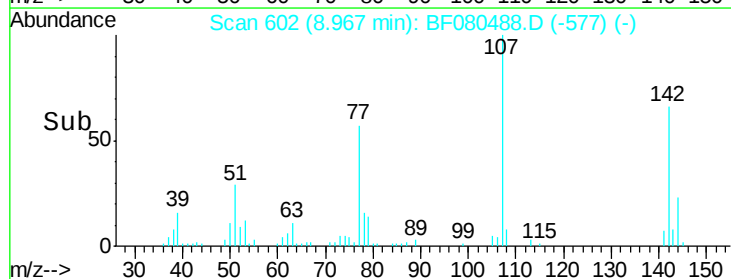
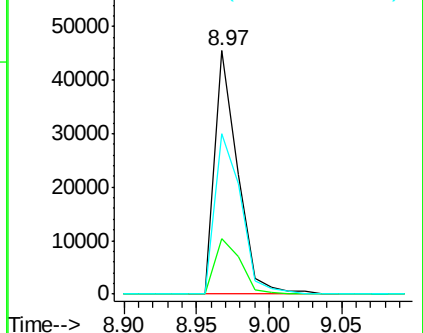
142 66.1 73.4 110.0#

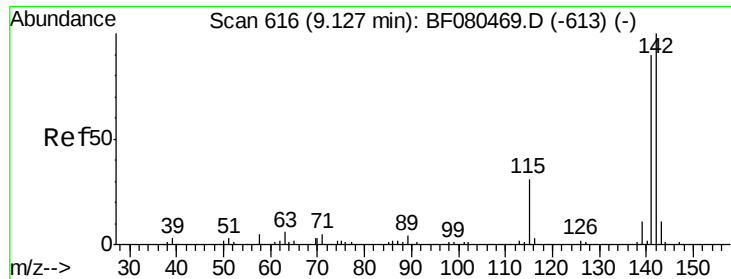


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

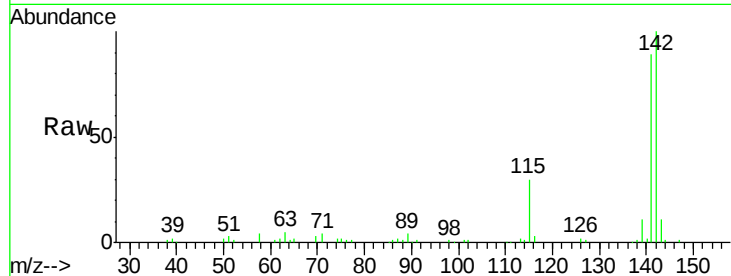




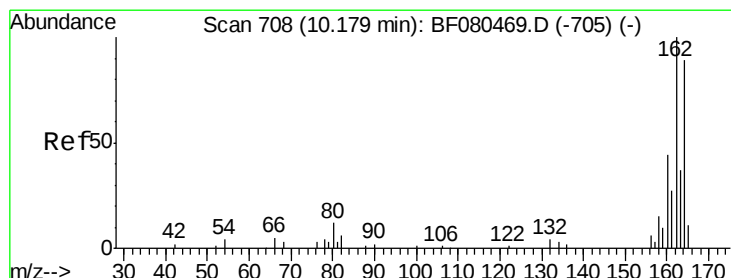
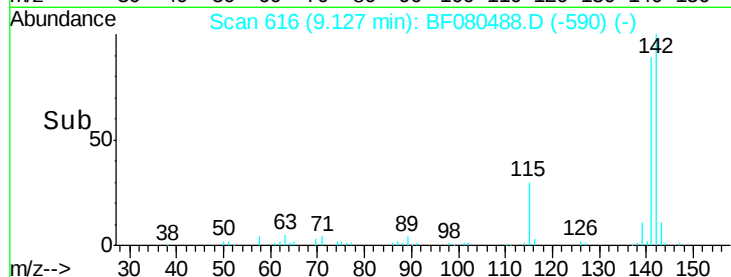
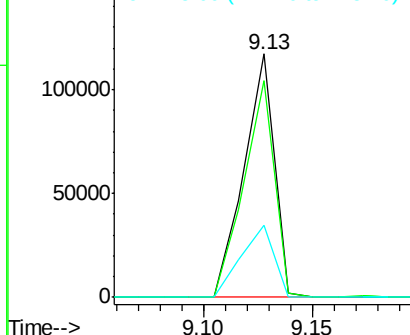
#37
 2-Methylnaphthalene
 Concen: 31.38 ng
 RT: 9.13 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF080488.D
 Acq: 15 Jul 2015 13:00

Instrument :
 BNA_F
 ClientSampleId :
 TP-7D78MSD

Tgt Ion:142 Resp: 113294
 Ion Ratio Lower Upper
 142 100
 141 89.2 71.6 107.4
 115 29.6 24.6 37.0

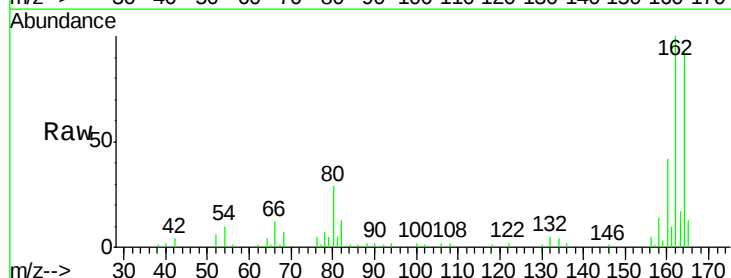


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

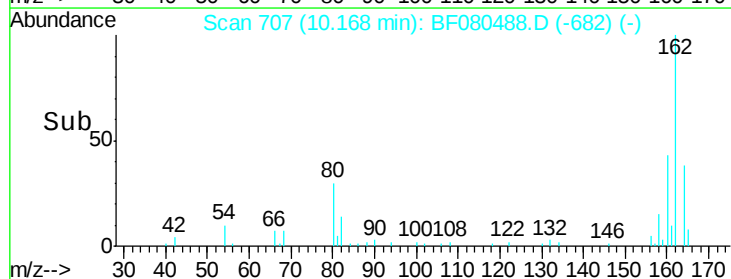
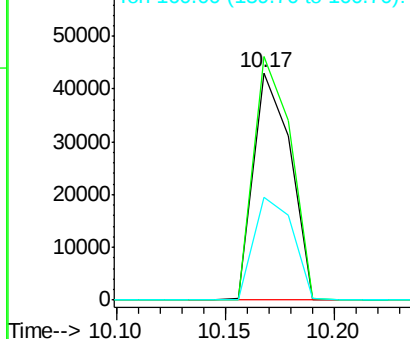


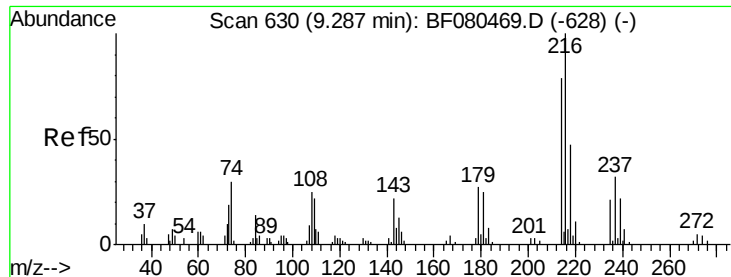
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.17 min Scan# 707
 Delta R.T. -0.01 min
 Lab File: BF080488.D
 Acq: 15 Jul 2015 13:00

Tgt Ion:164 Resp: 51104
 Ion Ratio Lower Upper
 164 100
 162 107.3 89.8 134.8
 160 45.1 39.5 59.3



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: 28.89 ng

RT: 9.29 min Scan# 630

Delta R.T. 0.00 min

Lab File: BF080488.D

Acq: 15 Jul 2015 13:00

Instrument :

BNA_F

ClientSampleId :

TP-7D78MSD

Tgt Ion:216 Resp: 48992

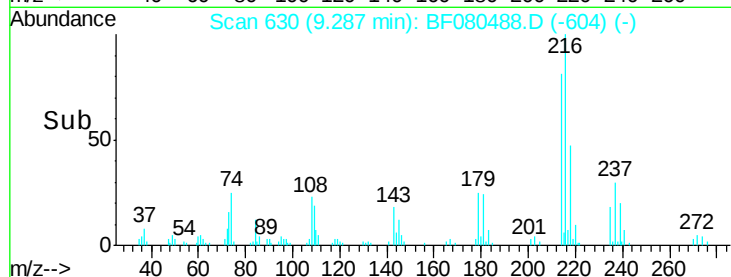
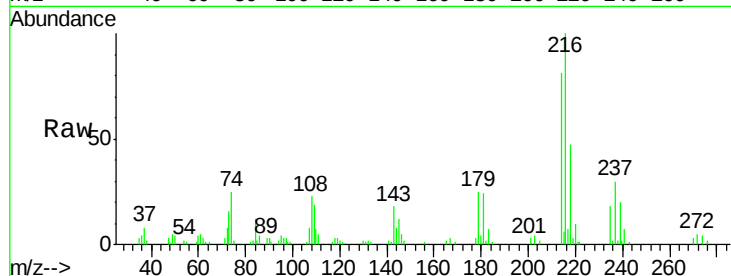
Ion Ratio Lower Upper

216 100

214 81.0 63.0 94.4

179 23.1 18.3 27.5

108 22.6 16.7 25.1

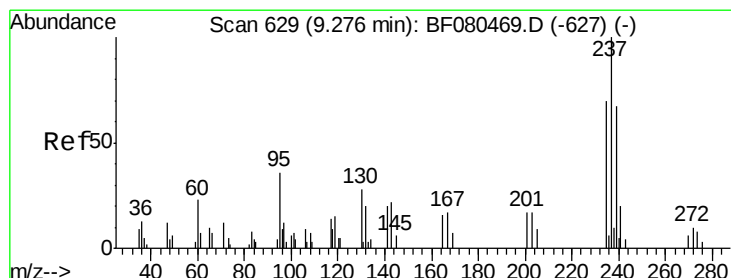
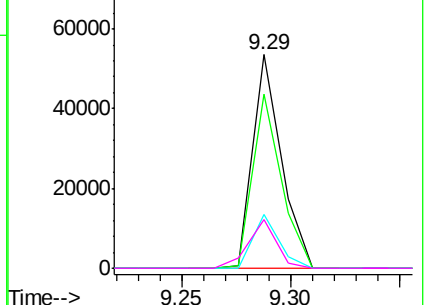


Abundance Ion 216.00 (215.70 to 216.70): E

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: 53.16 ng

RT: 9.28 min Scan# 629

Delta R.T. 0.00 min

Lab File: BF080488.D

Acq: 15 Jul 2015 13:00

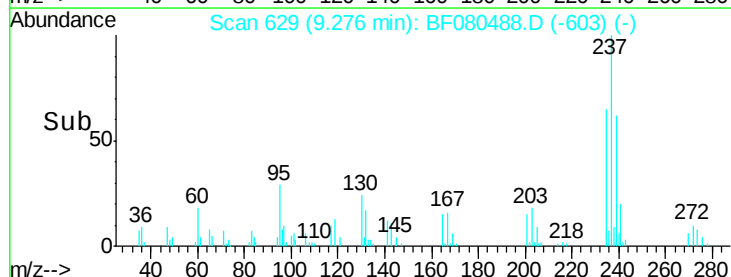
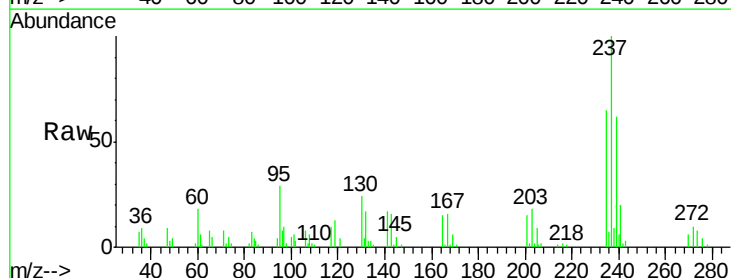
Tgt Ion:237 Resp: 41851

Ion Ratio Lower Upper

237 100

235 64.7 49.9 89.9

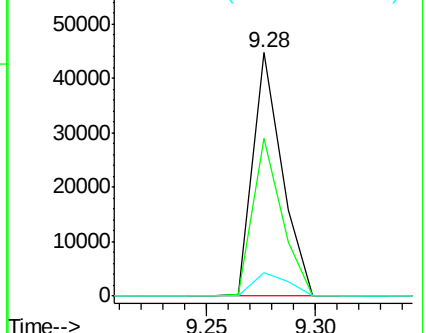
272 9.7 0.0 30.0

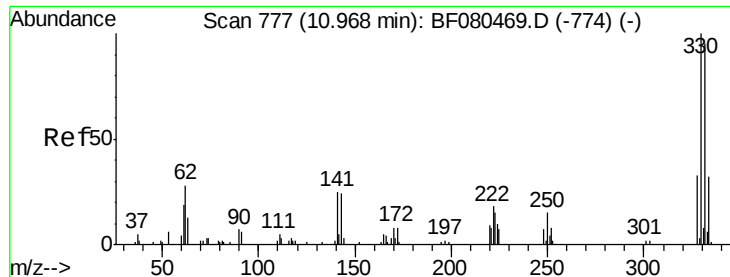


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

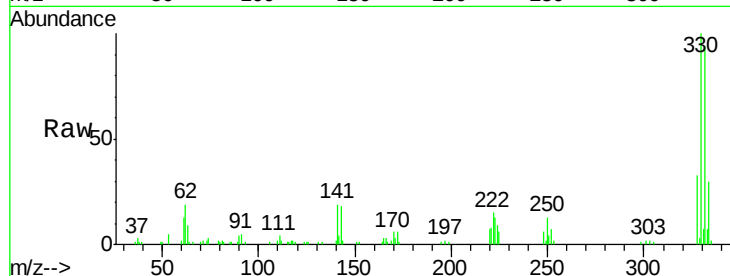




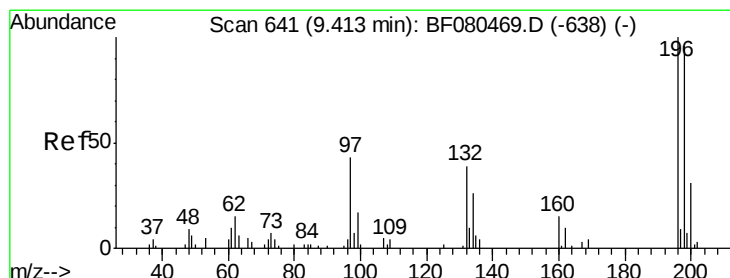
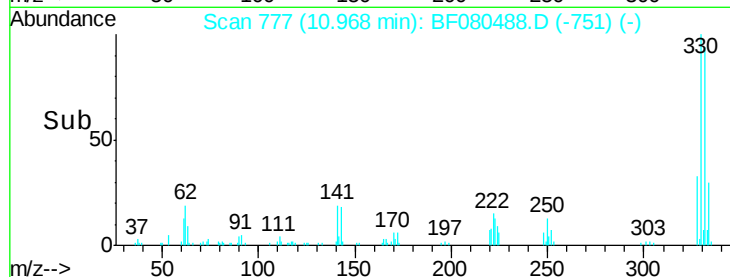
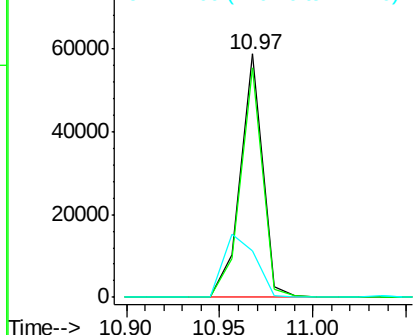
#41
 2,4,6-Tribromophenol
 Concen: 102.13 ng
 RT: 10.97 min Scan# 777
 Delta R.T. 0.00 min
 Lab File: BF080488.D
 Acq: 15 Jul 2015 13:00

Instrument :
 BNA_F
 ClientSampleId :
 TP-7D78MSD

Tgt Ion:330 Resp: 49332
 Ion Ratio Lower Upper
 330 100
 332 93.3 76.2 114.4
 141 37.1 29.8 44.6

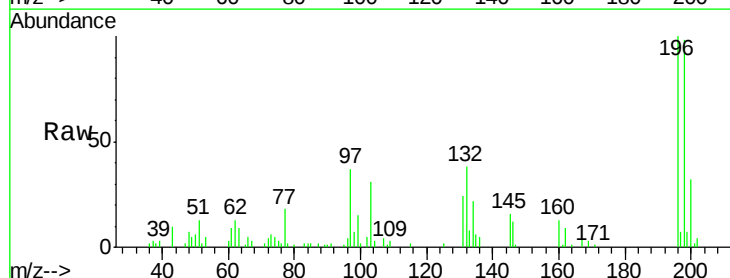


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

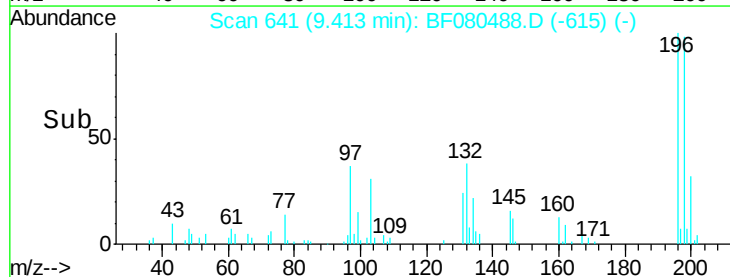
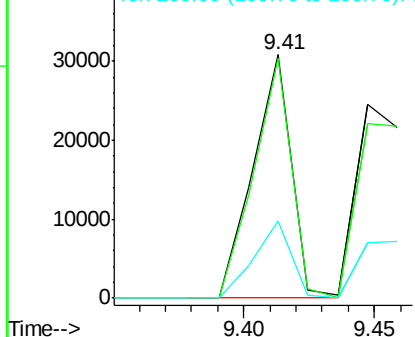


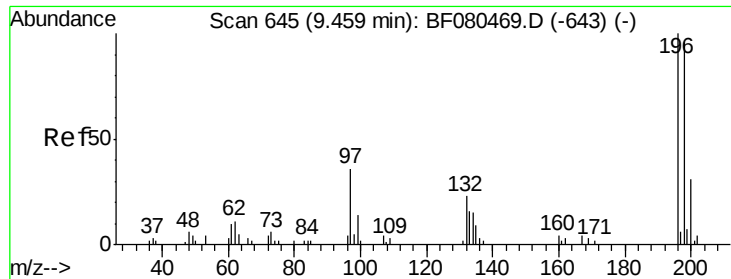
#42
 2,4,6-Trichlorophenol
 Concen: 30.04 ng
 RT: 9.41 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF080488.D
 Acq: 15 Jul 2015 13:00

Tgt Ion:196 Resp: 31670
 Ion Ratio Lower Upper
 196 100
 198 98.4 77.2 115.8
 200 31.7 24.7 37.1



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

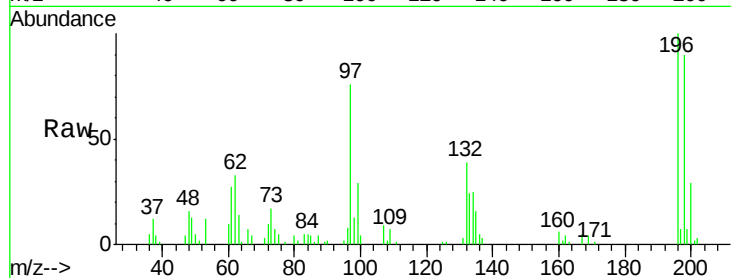




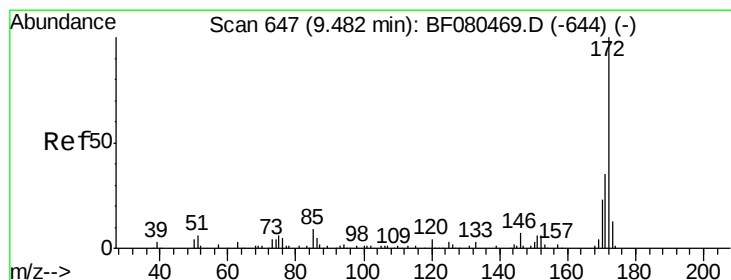
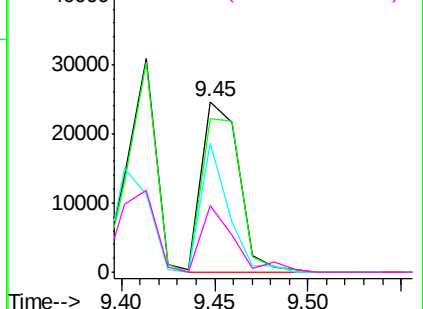
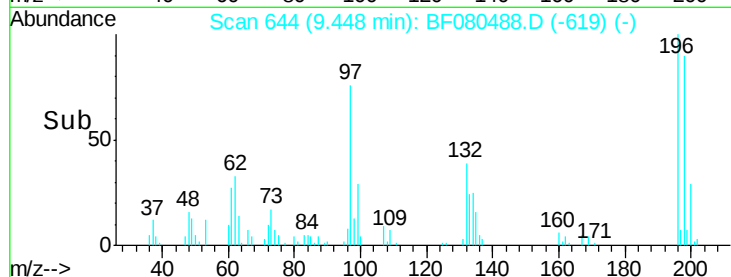
#43
 2,4,5-Trichlorophenol
 Concen: 32.14 ng
 RT: 9.45 min Scan# 644
 Delta R.T. -0.01 min
 Lab File: BF080488.D
 Acq: 15 Jul 2015 13:00

Instrument :
 BNA_F
 ClientSampleId :
 TP-7D78MSD

Tgt Ion:196 Resp: 34135
 Ion Ratio Lower Upper
 196 100
 198 90.0 77.0 115.6
 97 76.1 28.6 43.0#
 132 39.2 18.6 27.8#

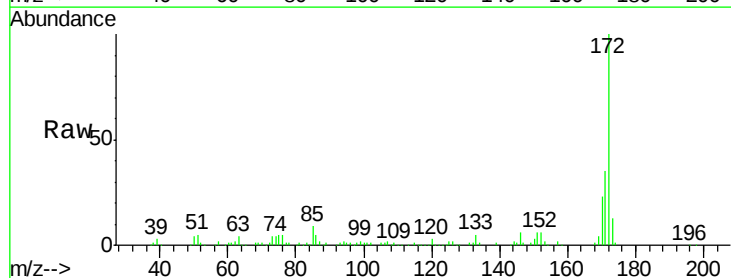


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

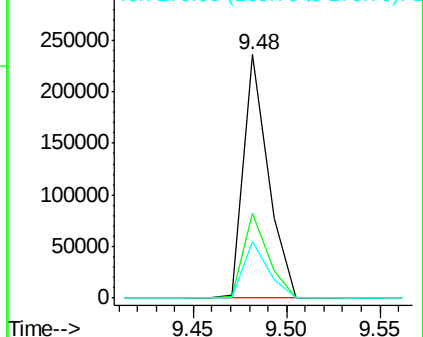
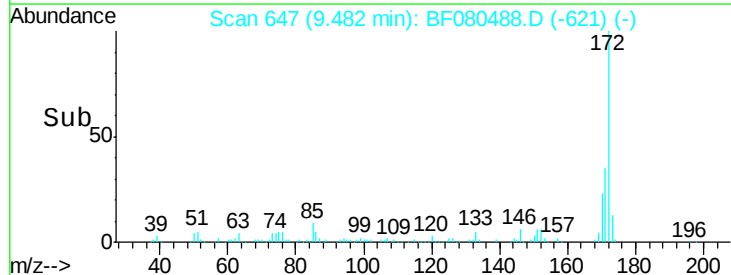


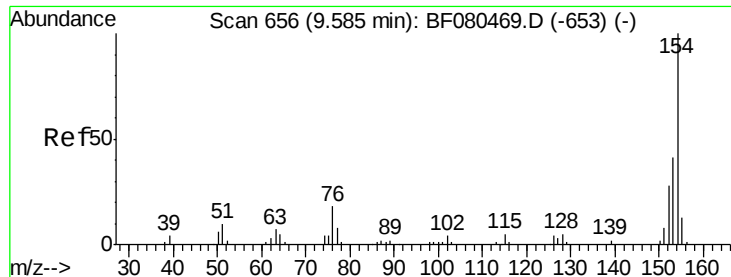
#44
 2-Fluorobiphenyl
 Concen: 58.12 ng
 RT: 9.48 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF080488.D
 Acq: 15 Jul 2015 13:00

Tgt Ion:172 Resp: 216769
 Ion Ratio Lower Upper
 172 100
 171 34.6 27.9 41.9
 170 23.1 18.5 27.7



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

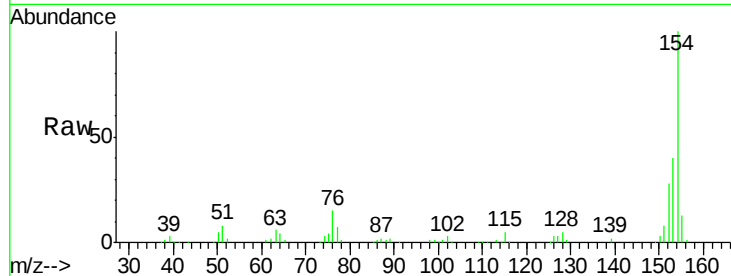




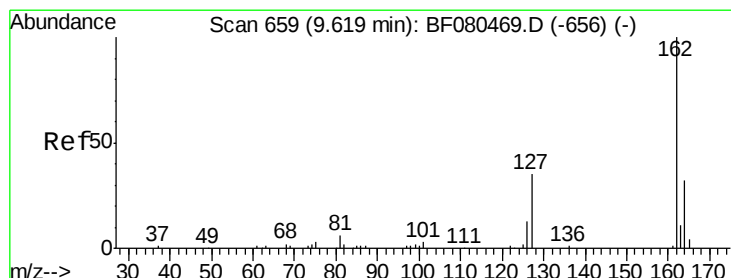
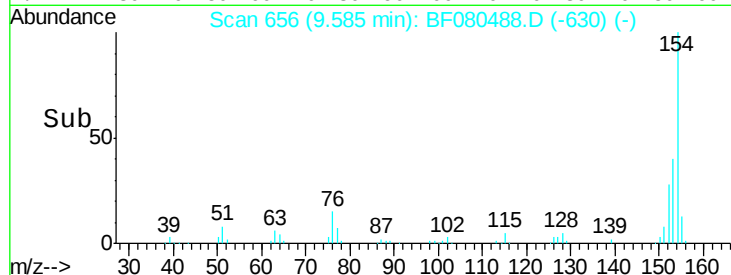
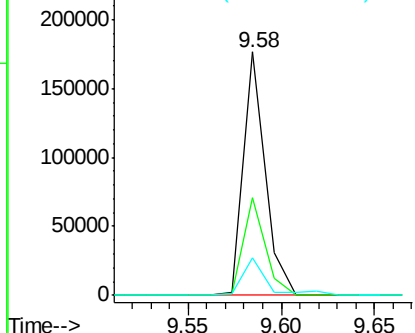
#45
 1,1'-Biphenyl
 Concen: 32.72 ng
 RT: 9.58 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: BF080488.D
 Acq: 15 Jul 2015 13:00

Instrument :
 BNA_F
 ClientSampleId :
 TP-7D78MSD

Tgt Ion:	154	Resp:	143909
Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.8	60.8
76	15.3	0.0	37.7

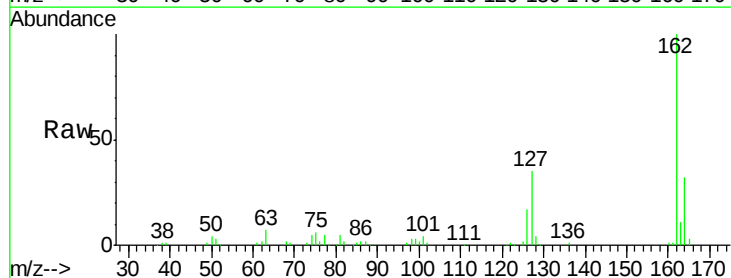


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

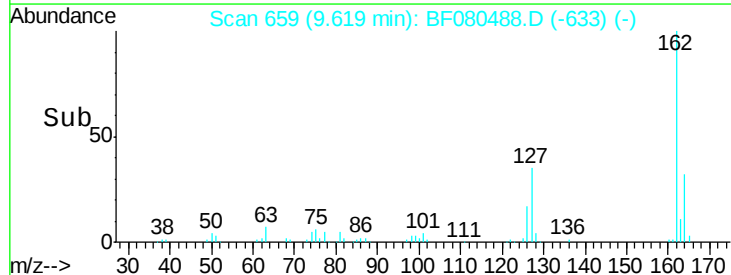
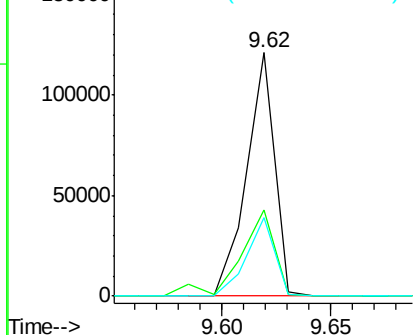


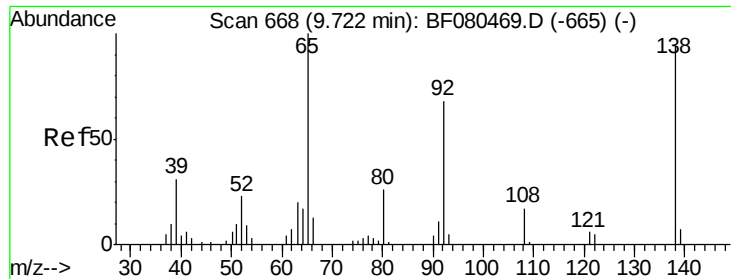
#46
 2-Chloronaphthalene
 Concen: 29.90 ng
 RT: 9.62 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: BF080488.D
 Acq: 15 Jul 2015 13:00

Tgt Ion:	162	Resp:	108015
Ion	Ratio	Lower	Upper
162	100		
127	35.2	30.4	45.6
164	32.1	25.8	38.8



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

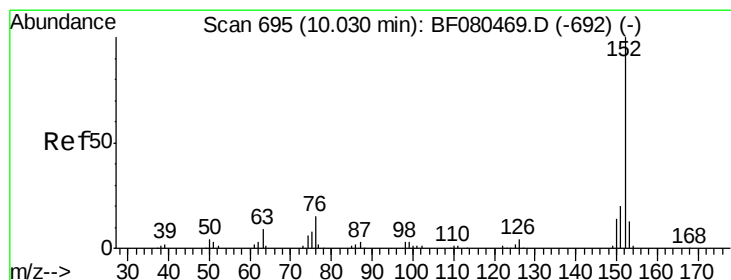
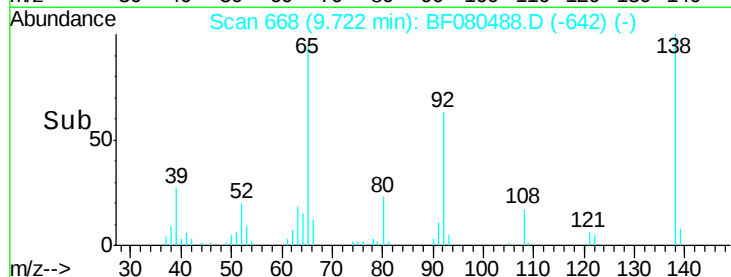
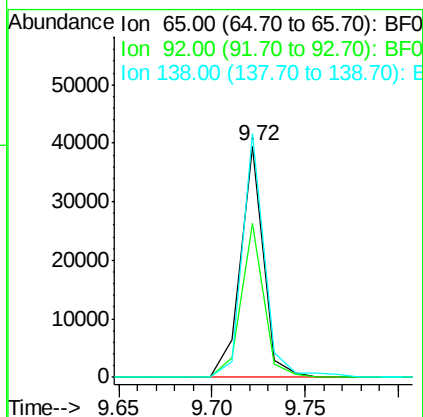
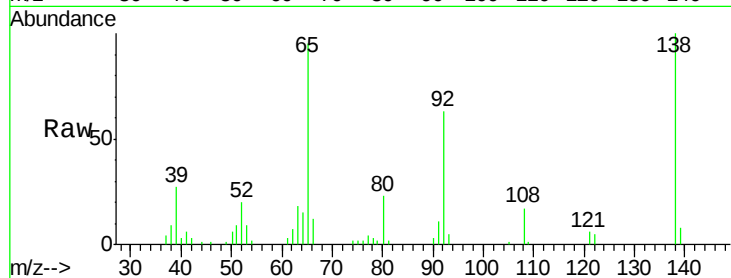




#47
2-Nitroaniline
Concen: 32.56 ng
RT: 9.72 min Scan# 668
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

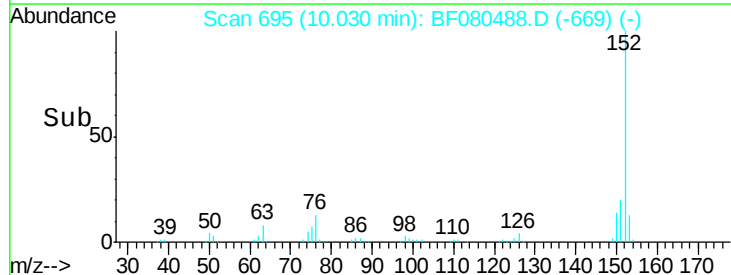
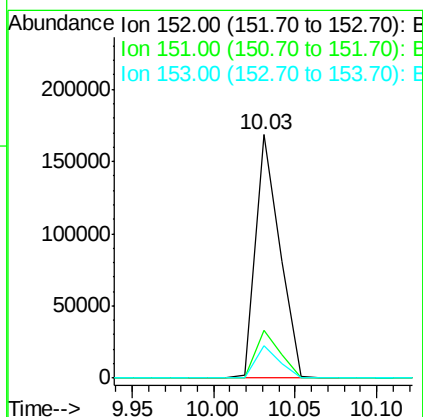
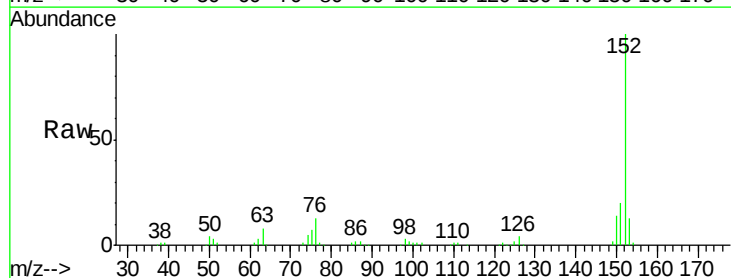
Instrument :
BNA_F
ClientSampleId :
TP-7D78MSD

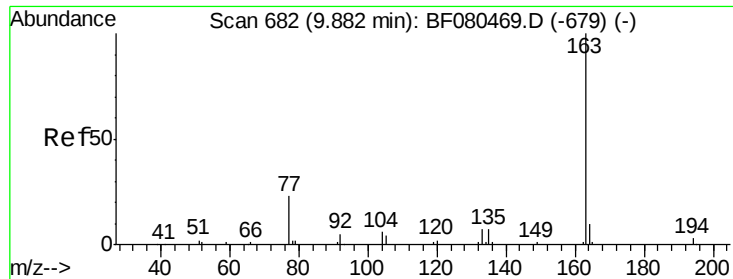
Tgt Ion: 65 Resp: 33931
Ion Ratio Lower Upper
65 100
92 66.7 54.7 82.1
138 105.5 75.3 112.9



#48
Acenaphthylene
Concen: 31.76 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion: 152 Resp: 173533
Ion Ratio Lower Upper
152 100
151 19.6 16.1 24.1
153 13.1 10.5 15.7

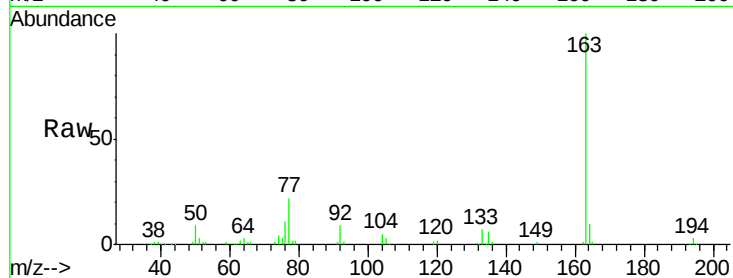




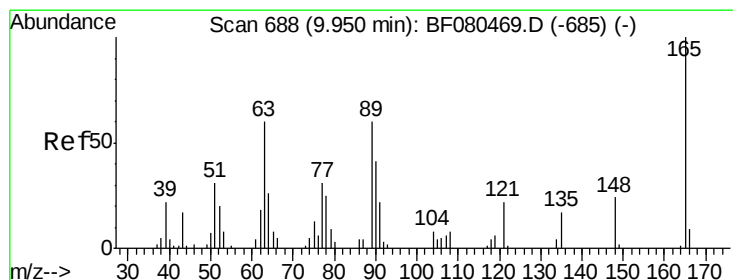
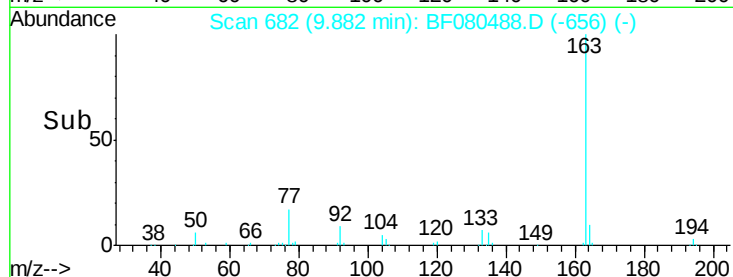
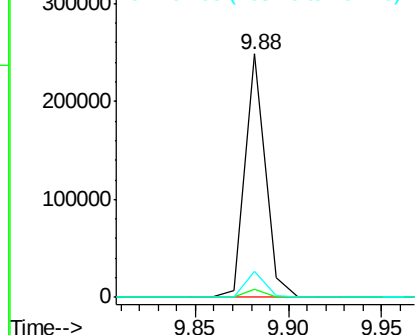
#49
Dimethylphthalate
Concen: 46.75 ng
RT: 9.88 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Instrument :
BNA_F
ClientSampleId :
TP-7D78MSD

Tgt Ion:163 Resp: 189114
Ion Ratio Lower Upper
163 100
194 3.2 2.6 3.8
164 10.5 8.1 12.1

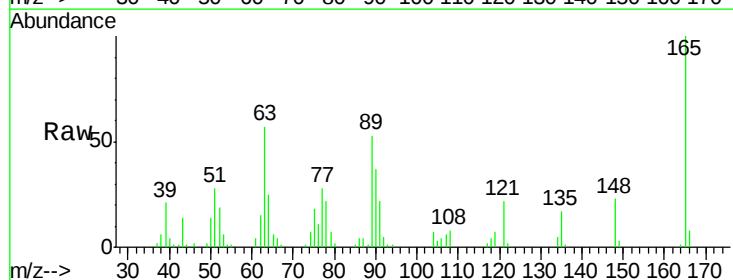


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

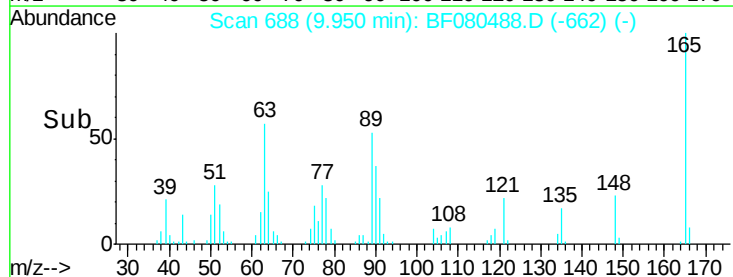
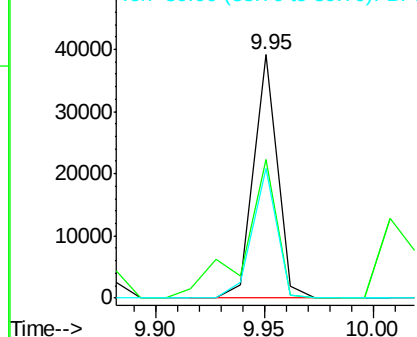


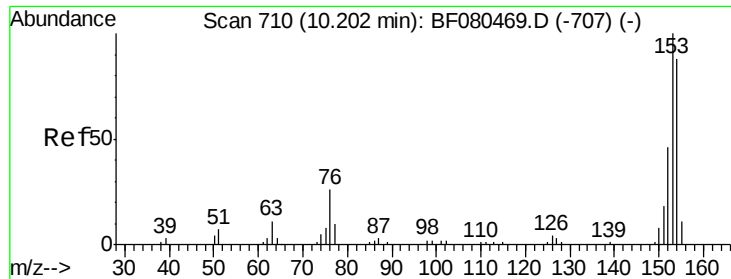
#50
2,6-Dinitrotoluene
Concen: 33.95 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:165 Resp: 29559
Ion Ratio Lower Upper
165 100
63 56.7 49.6 74.4
89 53.5 47.6 71.4



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





#51

Acenaphthene

Concen: 33.44 ng

RT: 10.20 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF080488.D

Acq: 15 Jul 2015 13:00

Instrument :

BNA_F

ClientSampleId :

TP-7D78MSD

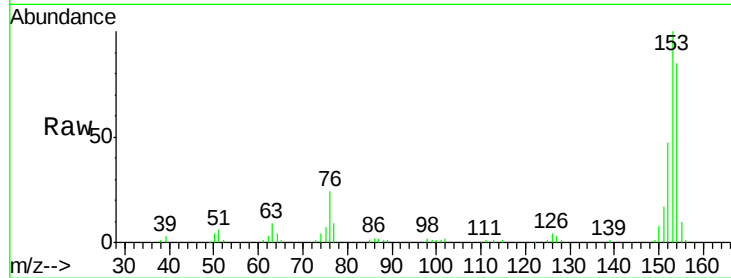
Tgt Ion:154 Resp: 111131

Ion Ratio Lower Upper

154 100

153 117.2 90.6 136.0

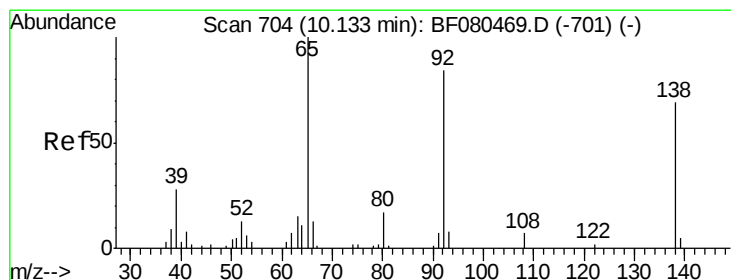
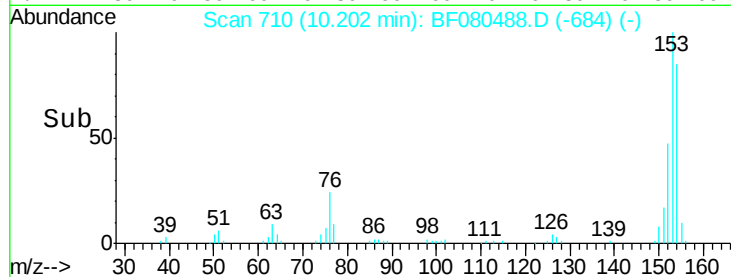
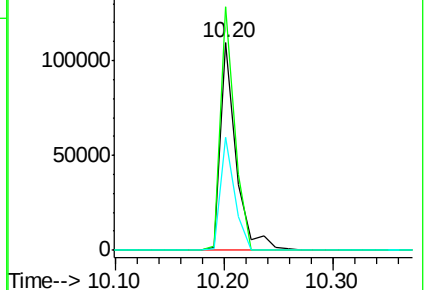
152 54.7 41.7 62.5



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: 27.21 ng

RT: 10.13 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF080488.D

Acq: 15 Jul 2015 13:00

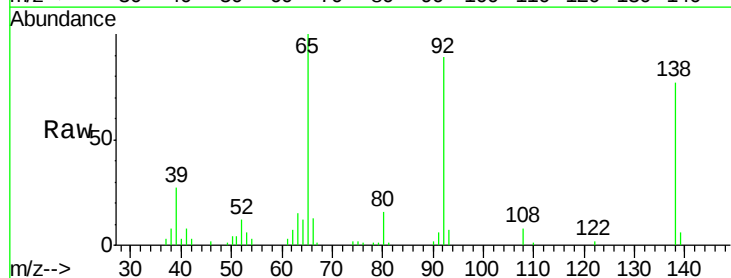
Tgt Ion:138 Resp: 25497

Ion Ratio Lower Upper

138 100

108 10.1 8.6 12.8

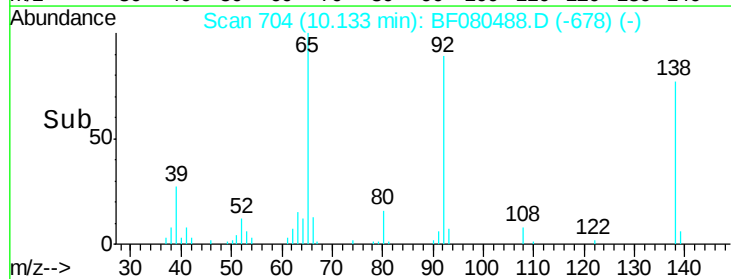
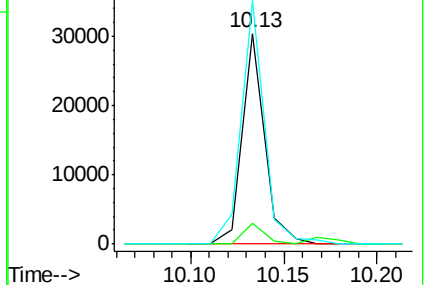
92 115.5 98.4 147.6

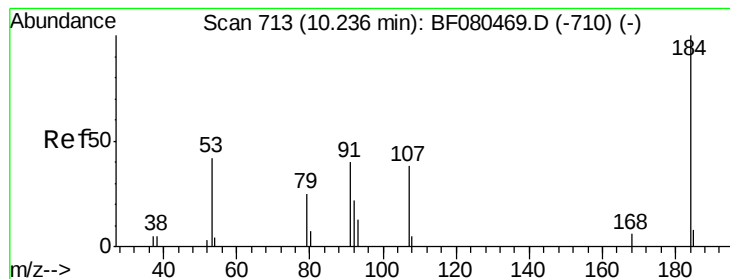


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 58.13 ng

RT: 10.24 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF080488.D

Acq: 15 Jul 2015 13:00

Instrument :

BNA_F

ClientSampleId :

TP-7D78MSD

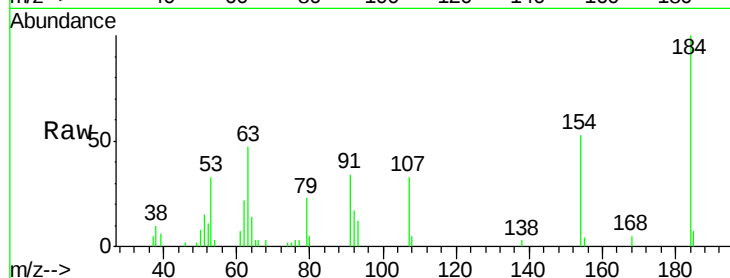
Tgt Ion:184 Resp: 19637

Ion Ratio Lower Upper

184 100

63 46.8 42.5 63.7

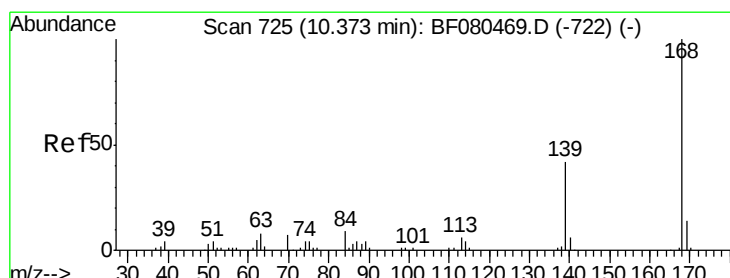
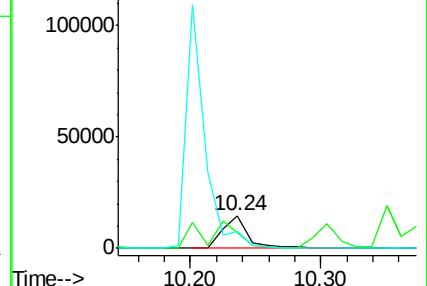
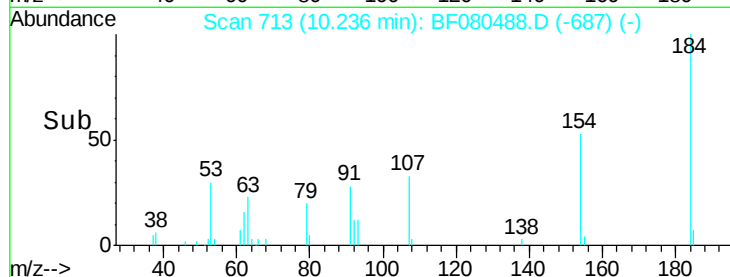
154 53.1 49.4 74.2



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: 32.41 ng

RT: 10.37 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF080488.D

Acq: 15 Jul 2015 13:00

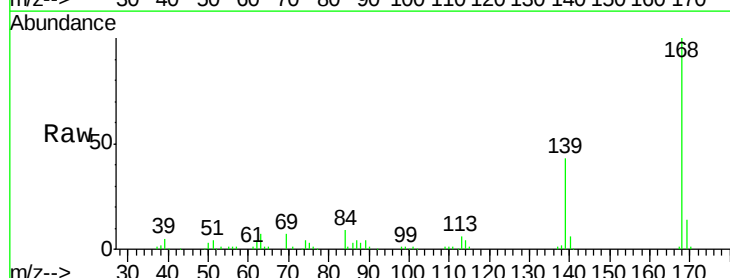
Tgt Ion:168 Resp: 151923

Ion Ratio Lower Upper

168 100

139 43.2 34.2 51.2

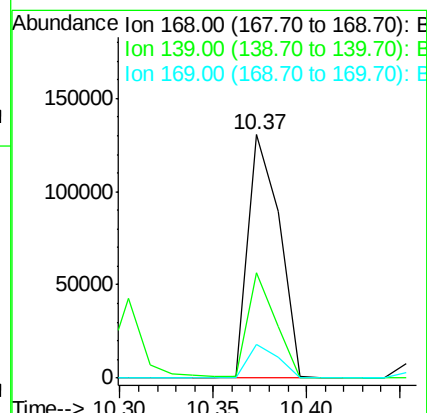
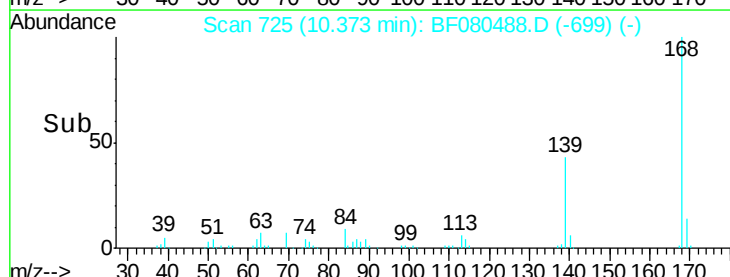
169 13.8 11.4 17.2

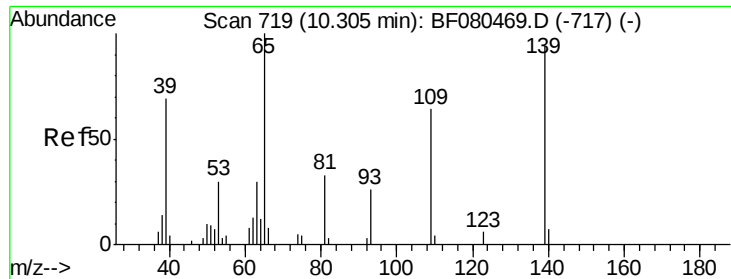


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

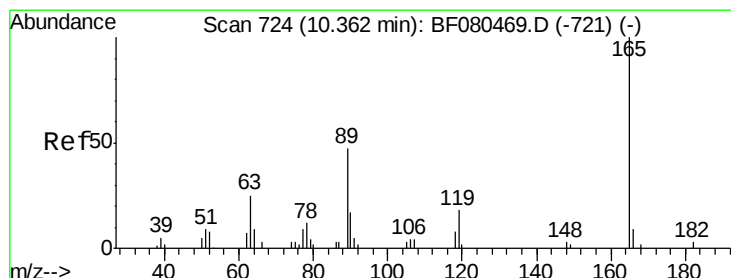
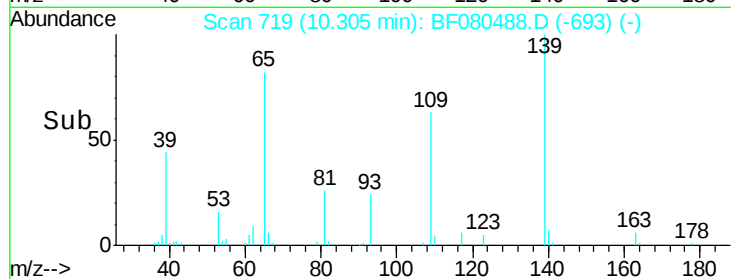
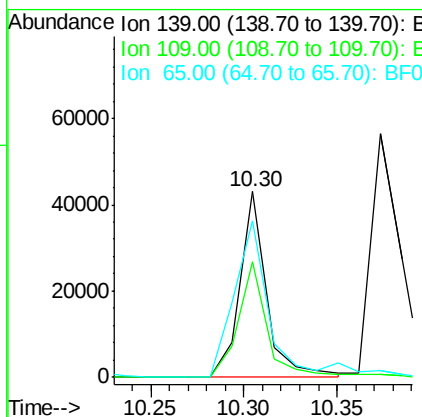
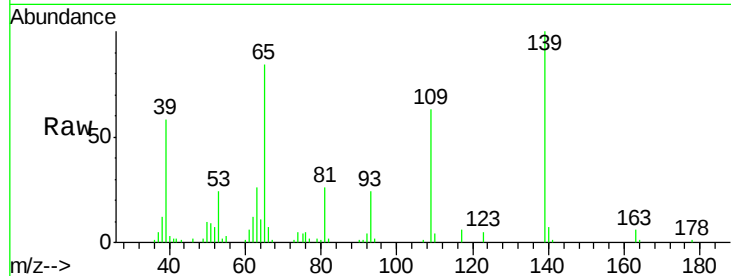




#55
4-Nitrophenol
Concen: 63.80 ng
RT: 10.30 min Scan# 719
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

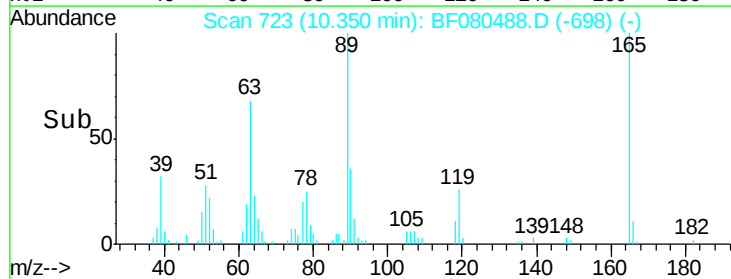
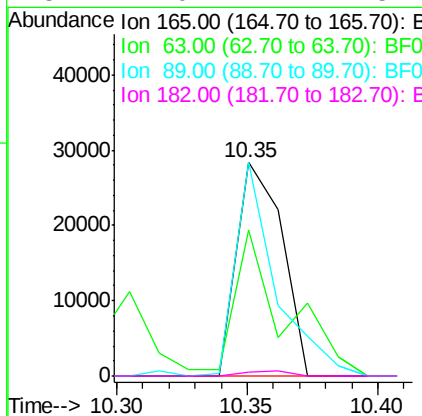
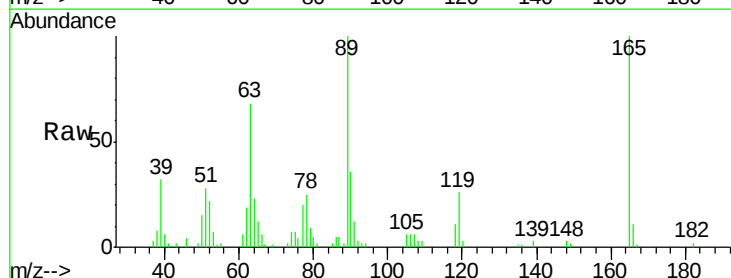
Instrument :
BNA_F
ClientSampleId :
TP-7D78MSD

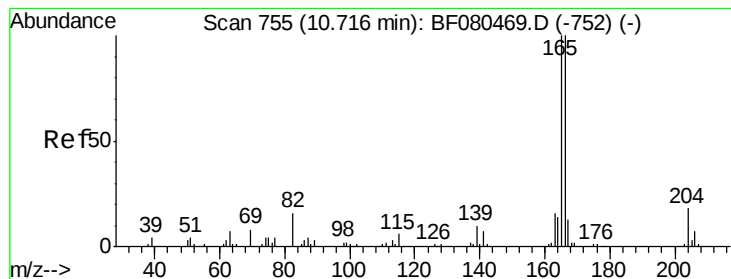
Tgt Ion:139 Resp: 43443
Ion Ratio Lower Upper
139 100
109 62.6 48.1 88.1
65 84.5 86.0 126.0#



#56
2,4-Dinitrotoluene
Concen: 35.16 ng
RT: 10.35 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:165 Resp: 34680
Ion Ratio Lower Upper
165 100
63 68.5 21.7 32.5#
89 99.9 37.4 56.2#
182 2.0 2.2 3.2#





#57

Fluorene

Concen: 32.78 ng

RT: 10.72 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF080488.D

Acq: 15 Jul 2015 13:00

Instrument :

BNA_F

ClientSampleId :

TP-7D78MSD

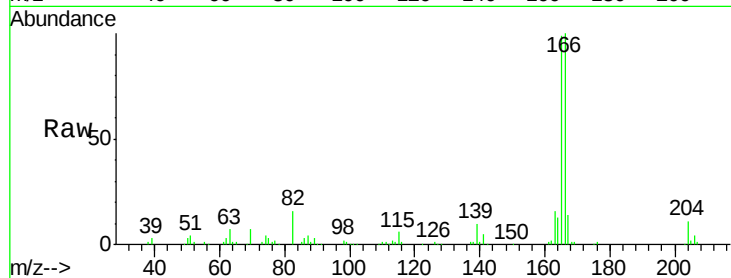
Tgt Ion:166 Resp: 123540

Ion Ratio Lower Upper

166 100

165 99.1 79.8 119.8

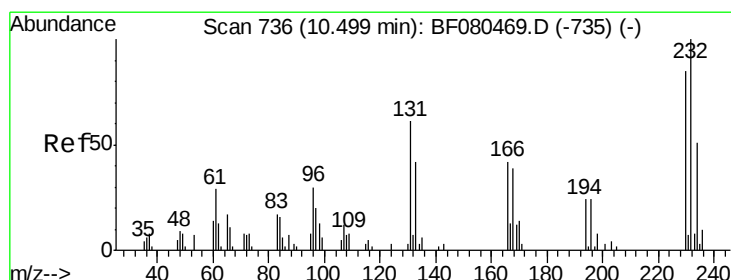
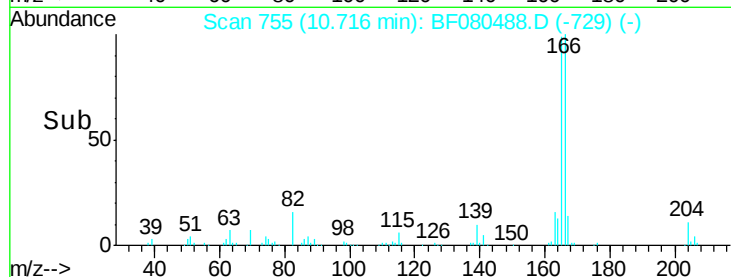
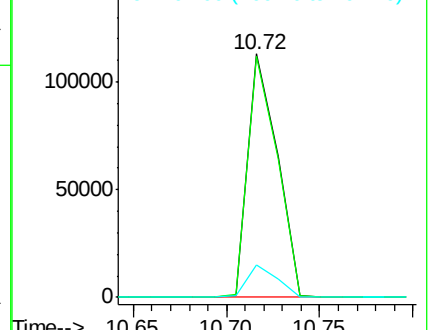
167 13.5 10.5 15.7



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 34.67 ng

RT: 10.50 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF080488.D

Acq: 15 Jul 2015 13:00

Tgt Ion:232 Resp: 29821

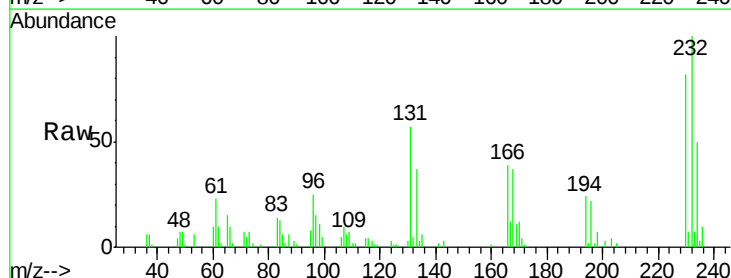
Ion Ratio Lower Upper

232 100

131 49.8 40.0 60.0

130 2.1 1.6 2.4

166 33.8 27.4 41.2

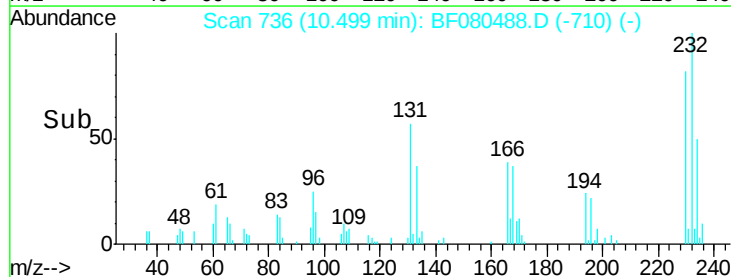
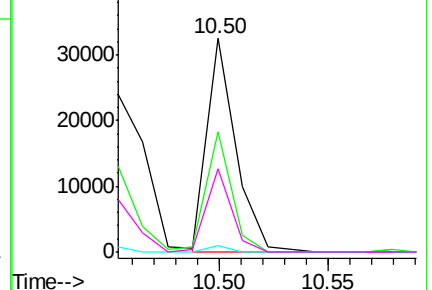


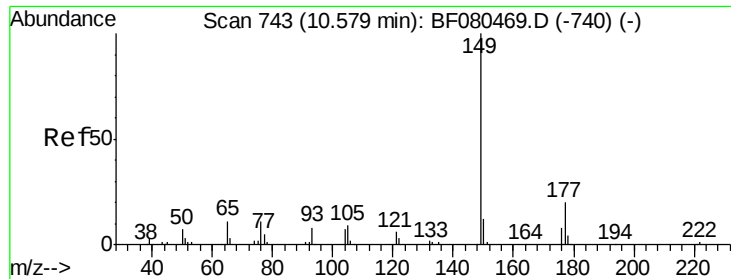
Abundance Ion 232.00 (231.70 to 232.70): E

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

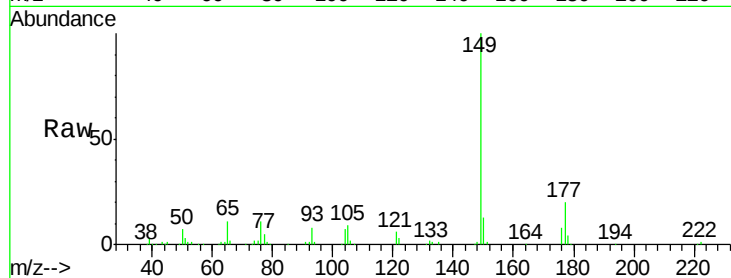




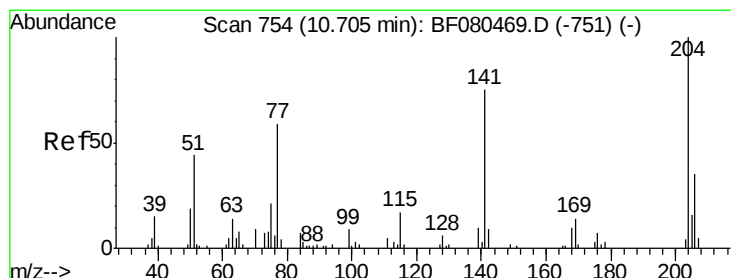
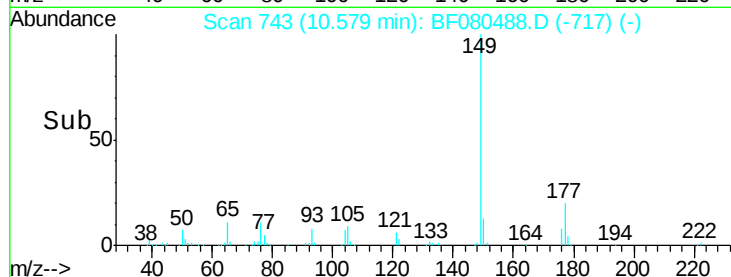
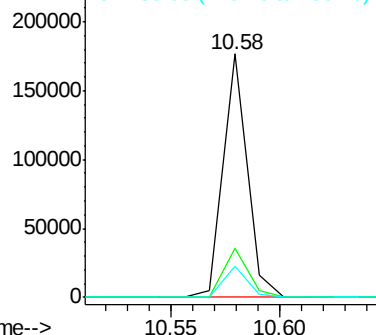
#59
Diethylphthalate
Concen: 33.77 ng
RT: 10.58 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Instrument :
BNA_F
ClientSampleId :
TP-7D78MSD

Tgt Ion:149 Resp: 135185
Ion Ratio Lower Upper
149 100
177 20.3 16.2 24.4
150 12.6 9.9 14.9

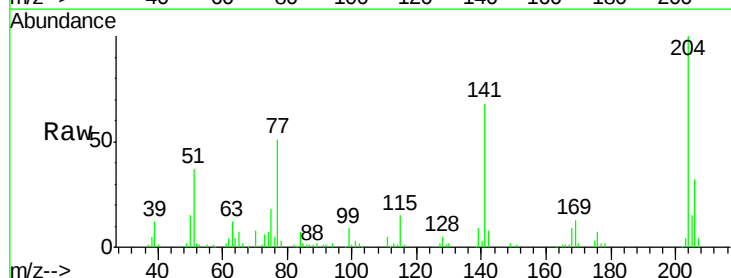


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

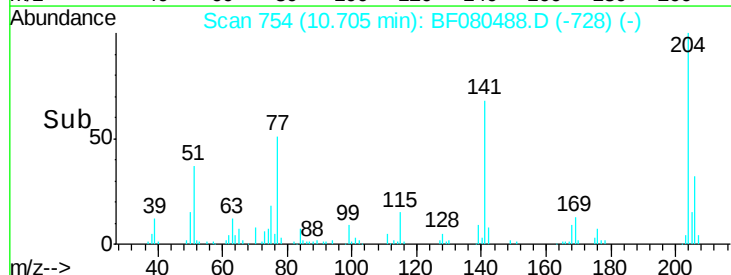
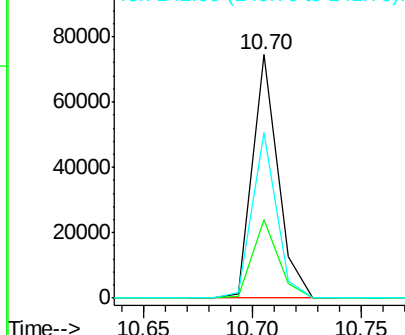


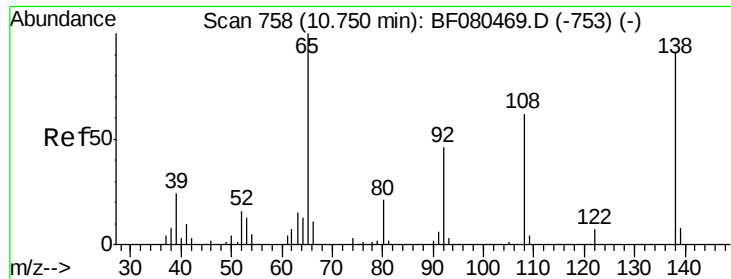
#60
4-Chlorophenyl-phenylether
Concen: 34.33 ng
RT: 10.70 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:204 Resp: 60680
Ion Ratio Lower Upper
204 100
206 32.1 27.7 41.5
141 68.1 59.6 89.4



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

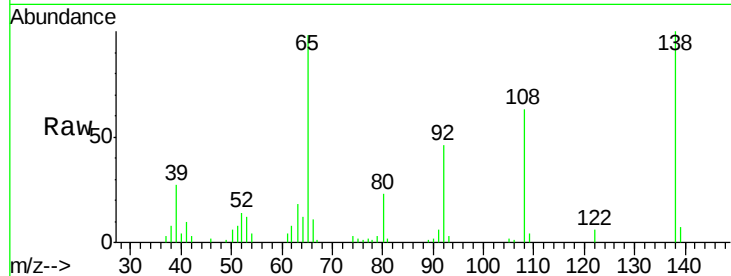




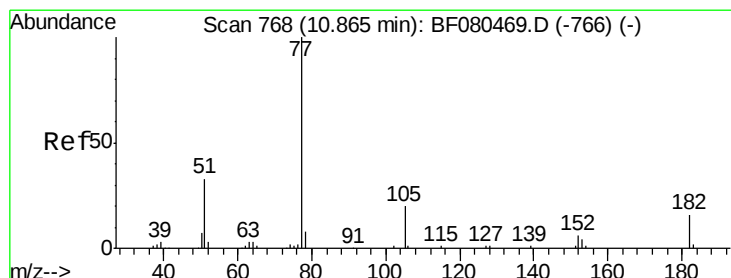
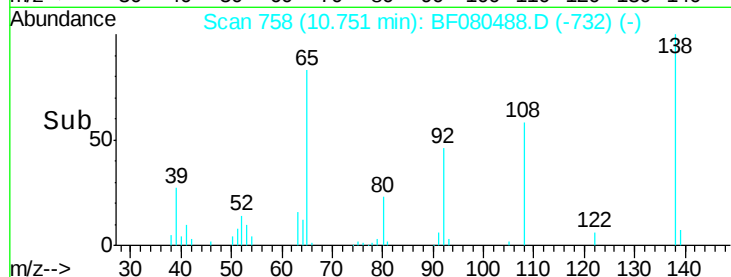
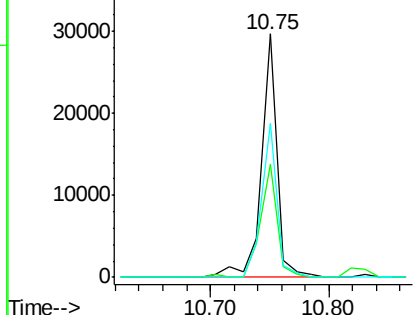
#61
4-Nitroaniline
Concen: 32.03 ng
RT: 10.75 min Scan# 758
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Instrument :
BNA_F
ClientSampleId :
TP-7D78MSD

Tgt Ion:138 Resp: 27237
Ion Ratio Lower Upper
138 100
92 46.2 30.5 70.5
108 63.4 48.1 88.1

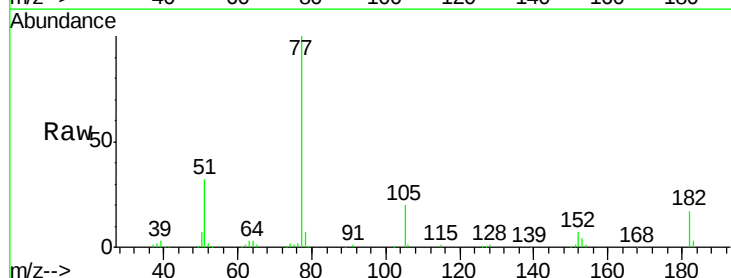


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

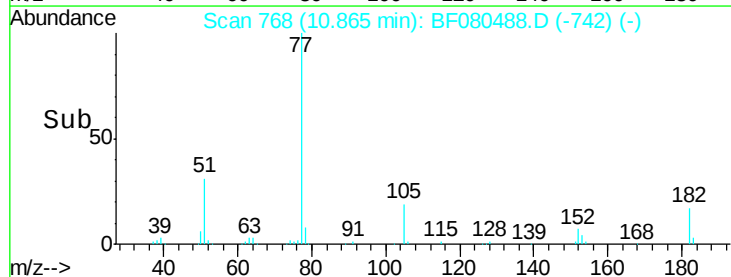
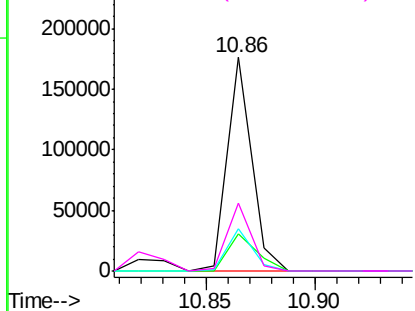


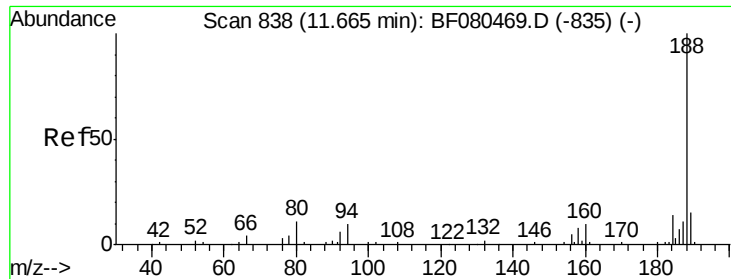
#62
Azobenzene
Concen: 35.90 ng
RT: 10.86 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion: 77 Resp: 137341
Ion Ratio Lower Upper
77 100
182 17.2 0.0 36.0
105 19.8 0.1 40.1
51 31.6 12.6 52.6



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

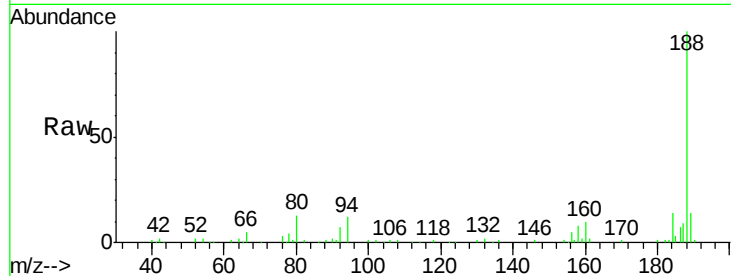




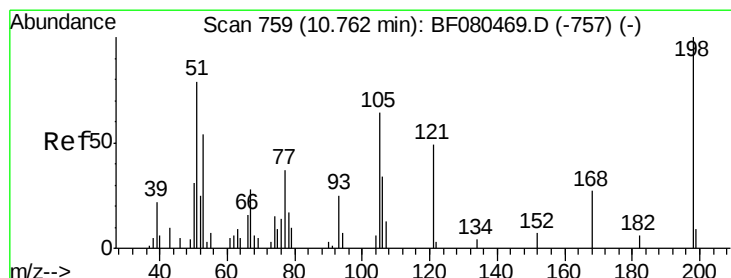
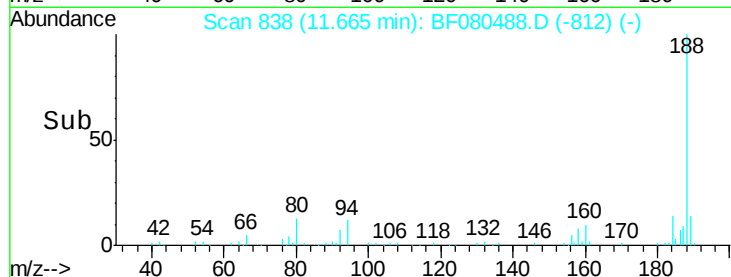
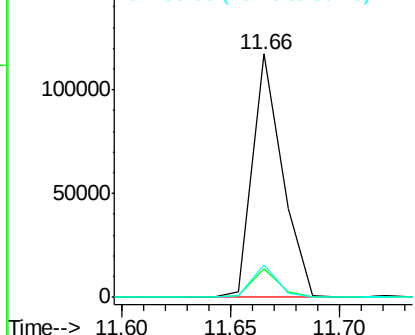
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.66 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BF080488.D
 Acq: 15 Jul 2015 13:00

Instrument :
 BNA_F
 ClientSampleId :
 TP-7D78MSD

Tgt Ion:188 Resp: 111839
 Ion Ratio Lower Upper
 188 100
 94 12.0 7.7 11.5#
 80 13.5 8.8 13.2#

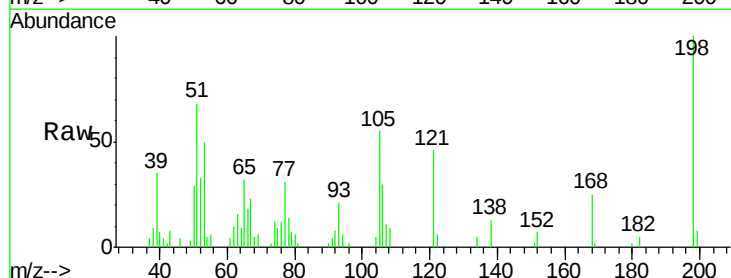


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

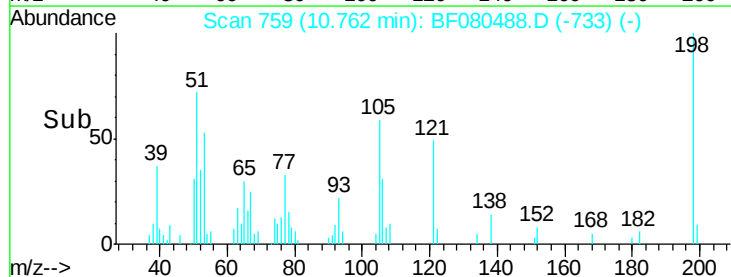
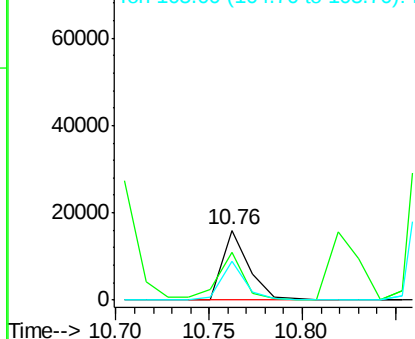


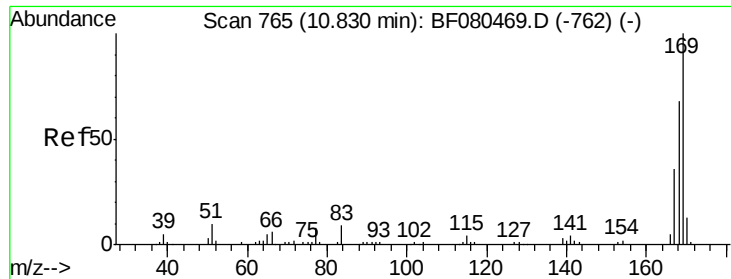
#64
 4,6-Dinitro-2-methylphenol
 Concen: 29.93 ng
 RT: 10.76 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: BF080488.D
 Acq: 15 Jul 2015 13:00

Tgt Ion:198 Resp: 15860
 Ion Ratio Lower Upper
 198 100
 51 67.6 62.5 102.5
 105 55.2 43.6 83.6



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

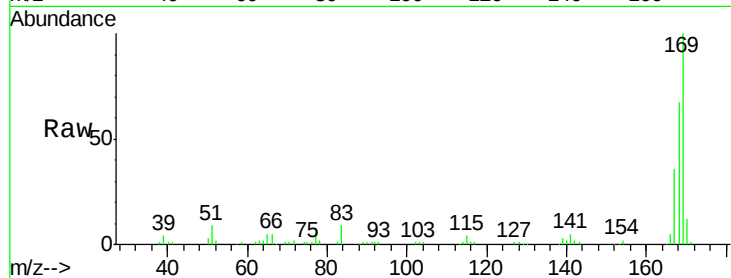




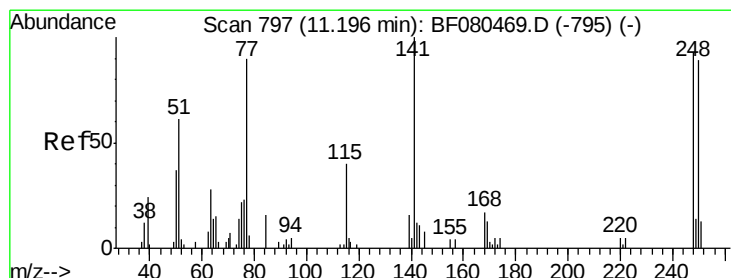
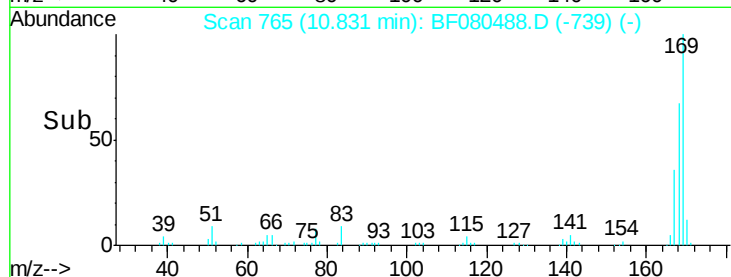
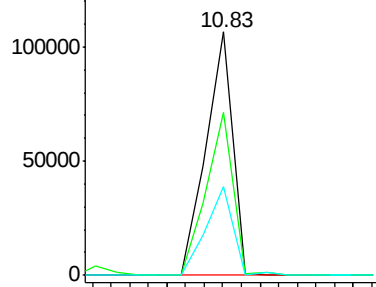
#65
 n-Nitrosodiphenylamine
 Concen: 29.42 ng
 RT: 10.83 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: BF080488.D
 Acq: 15 Jul 2015 13:00

Instrument :
 BNA_F
 ClientSampleId :
 TP-7D78MSD

Tgt Ion:169 Resp: 106876
 Ion Ratio Lower Upper
 169 100
 168 66.7 54.1 81.1
 167 36.3 29.0 43.6

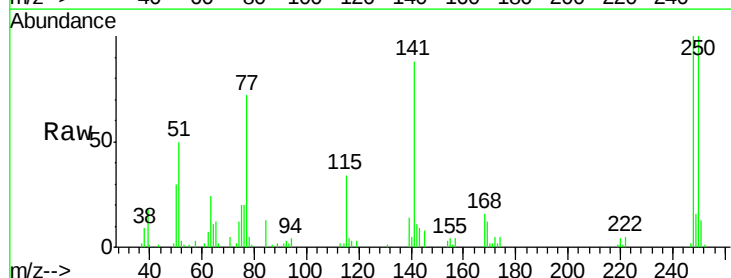


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

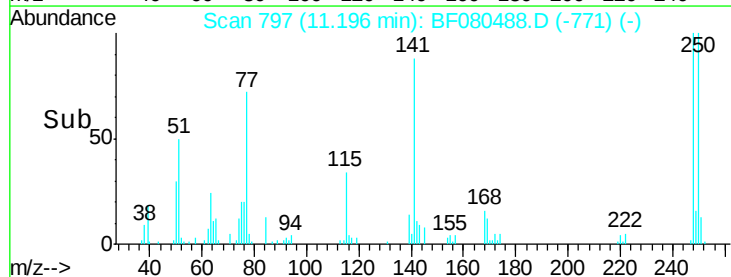
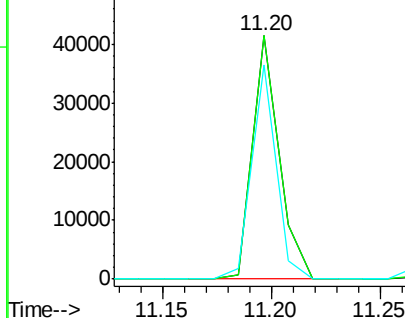


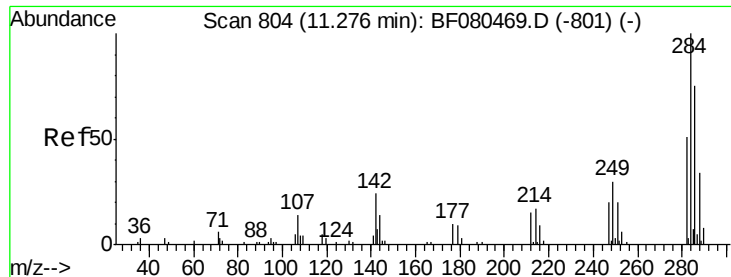
#66
 4-Bromophenyl-phenylether
 Concen: 31.59 ng
 RT: 11.20 min Scan# 797
 Delta R.T. 0.00 min
 Lab File: BF080488.D
 Acq: 15 Jul 2015 13:00

Tgt Ion:248 Resp: 35233
 Ion Ratio Lower Upper
 248 100
 250 100.0 76.8 115.2
 141 88.1 86.3 129.5



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

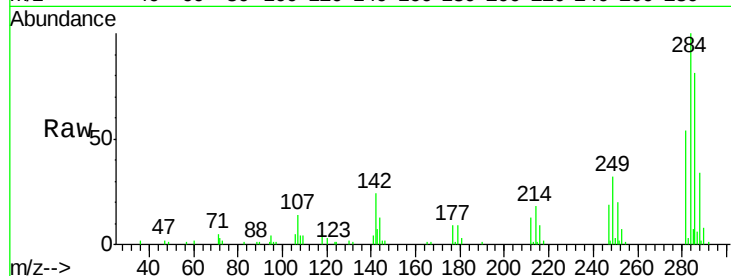




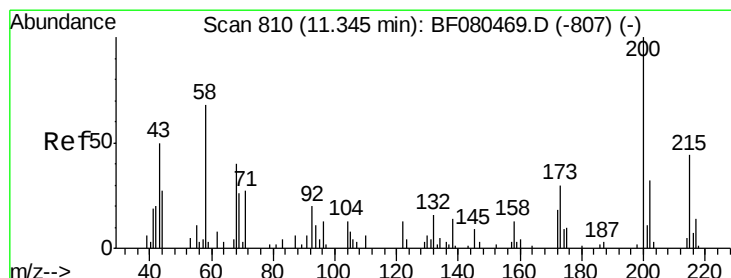
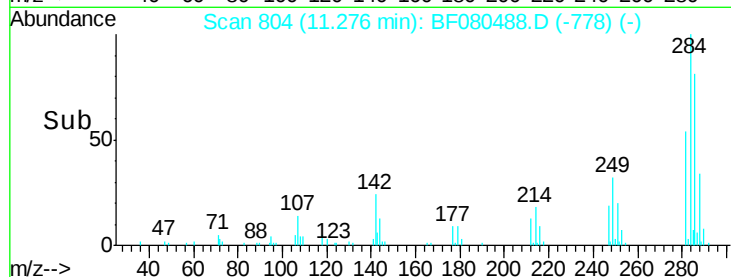
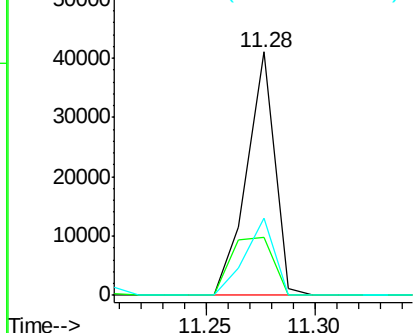
#67
Hexachlorobenzene
Concen: 30.30 ng
RT: 11.28 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Instrument :
BNA_F
ClientSampleId :
TP-7D78MSD

Tgt Ion:284 Resp: 36774
Ion Ratio Lower Upper
284 100
142 23.8 19.1 28.7
249 31.6 23.9 35.9

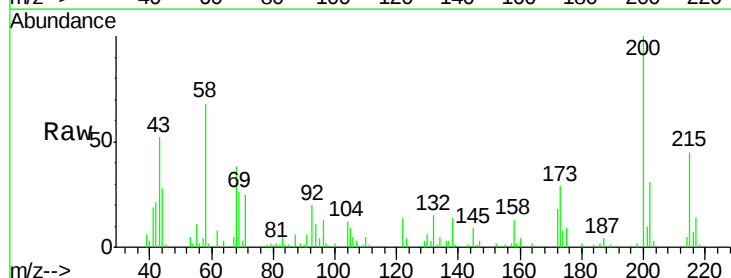


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

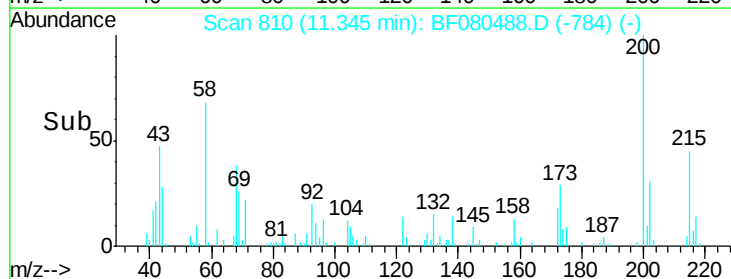
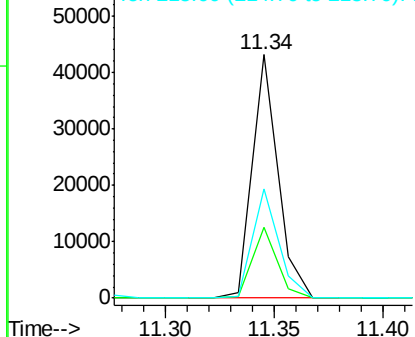


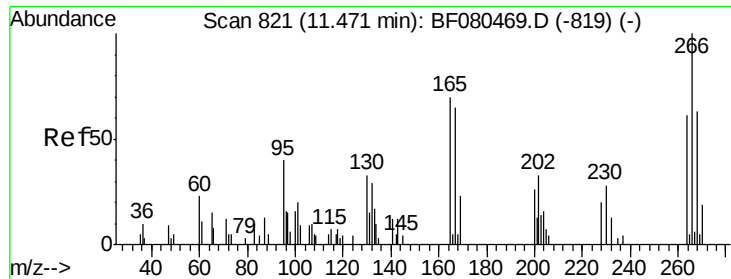
#68
Atrazine
Concen: 33.35 ng
RT: 11.34 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:200 Resp: 35293
Ion Ratio Lower Upper
200 100
173 29.0 9.7 49.7
215 44.9 23.7 63.7



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

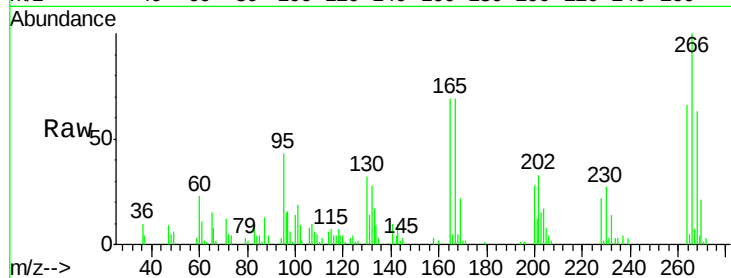




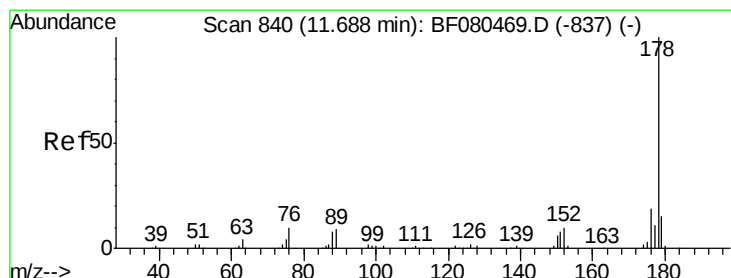
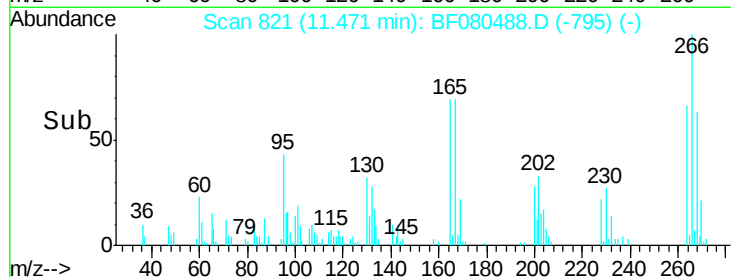
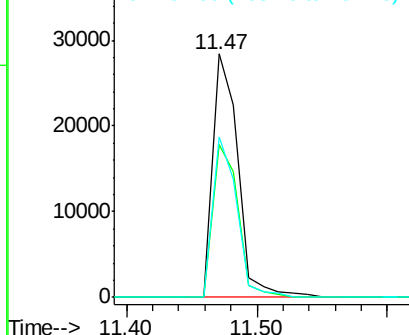
#69
 Pentachlorophenol
 Concen: 68.62 ng
 RT: 11.47 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF080488.D
 Acq: 15 Jul 2015 13:00

Instrument :
 BNA_F
 ClientSampleId :
 TP-7D78MSD

Tgt Ion: 266 Resp: 38367
 Ion Ratio Lower Upper
 266 100
 268 62.7 50.3 75.5
 264 65.9 48.6 72.8

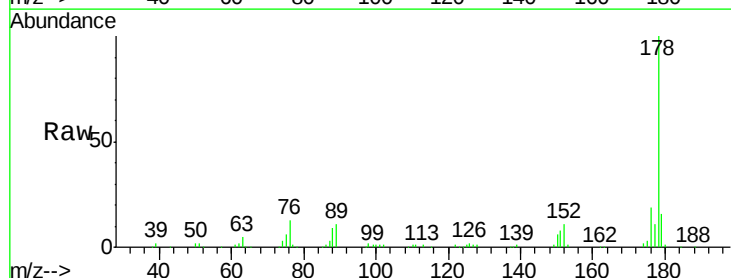


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

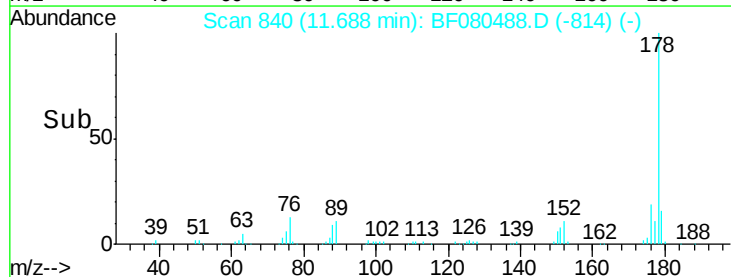
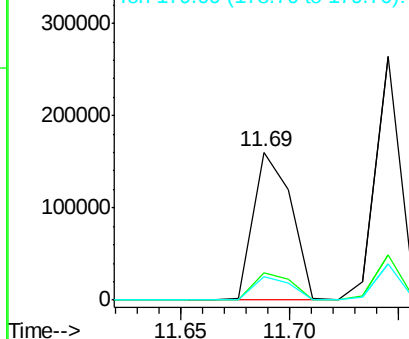


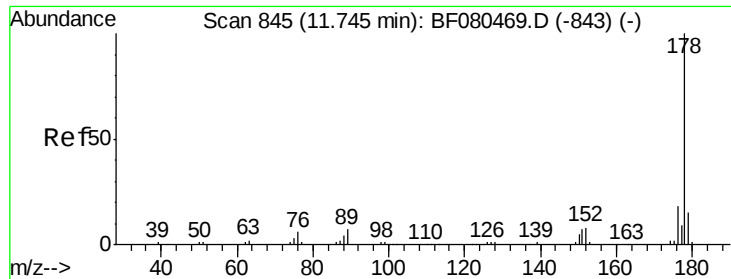
#70
 Phenanthrene
 Concen: 29.92 ng
 RT: 11.69 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF080488.D
 Acq: 15 Jul 2015 13:00

Tgt Ion: 178 Resp: 194467
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.4 23.0
 179 15.9 11.8 17.6



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

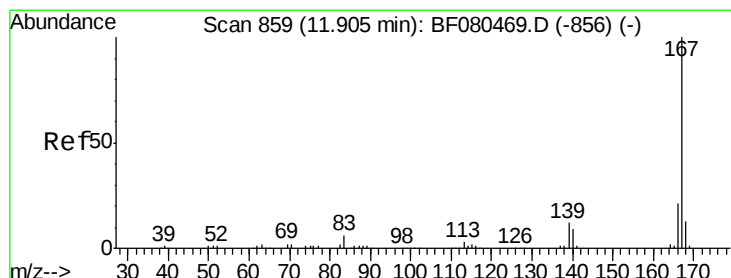
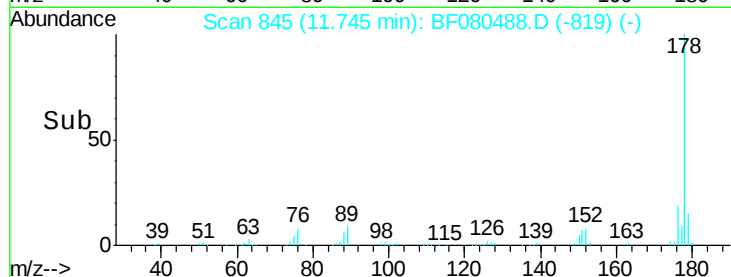
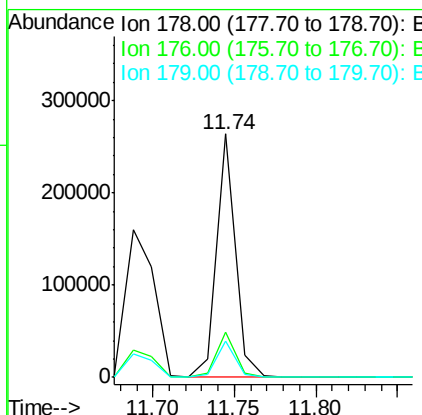
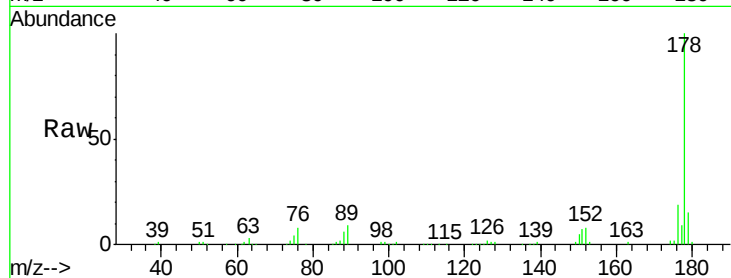




#71
 Anthracene
 Concen: 34.79 ng
 RT: 11.74 min Scan# 845
 Delta R.T. 0.00 min
 Lab File: BF080488.D
 Acq: 15 Jul 2015 13:00

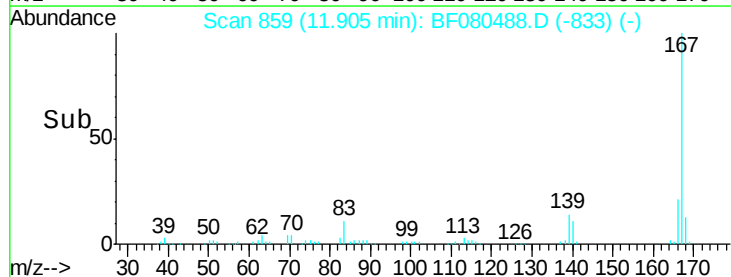
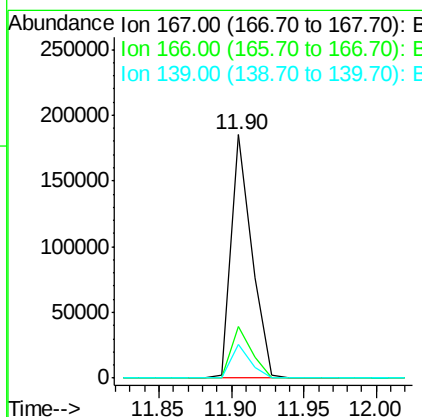
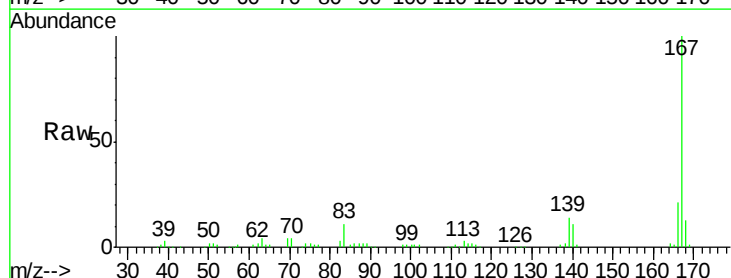
Instrument :
 BNA_F
 ClientSampleId :
 TP-7D78MSD

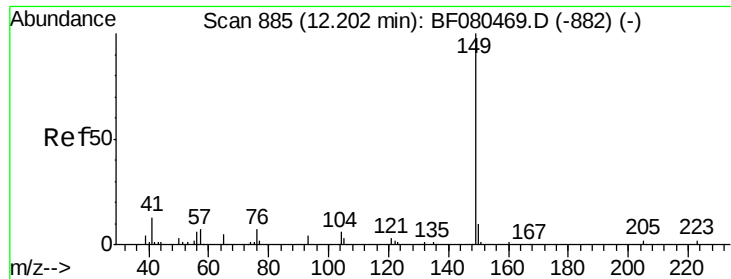
Tgt Ion:178 Resp: 212597
 Ion Ratio Lower Upper
 178 100
 176 18.6 14.2 21.4
 179 15.1 11.8 17.6



#72
 Carbazole
 Concen: 33.07 ng
 RT: 11.90 min Scan# 859
 Delta R.T. 0.00 min
 Lab File: BF080488.D
 Acq: 15 Jul 2015 13:00

Tgt Ion:167 Resp: 183086
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.0 25.4
 139 13.7 9.4 14.0

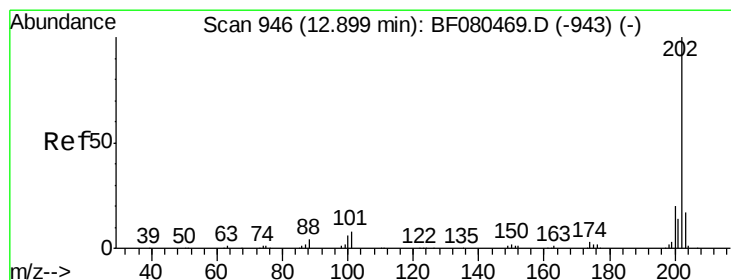
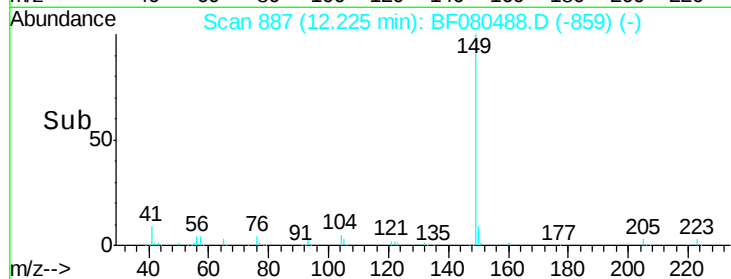
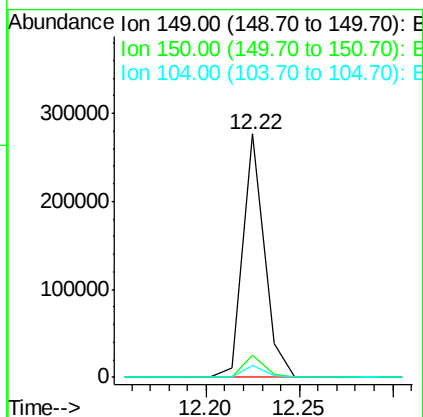
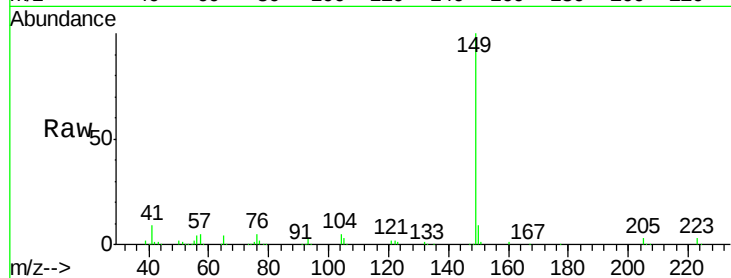




#73
Di-n-butylphthalate
Concen: 38.00 ng
RT: 12.22 min Scan# 887
Delta R.T. 0.02 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

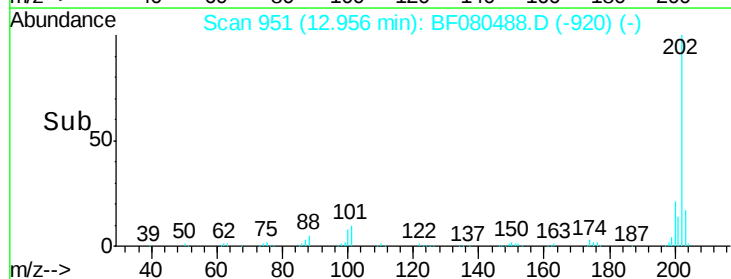
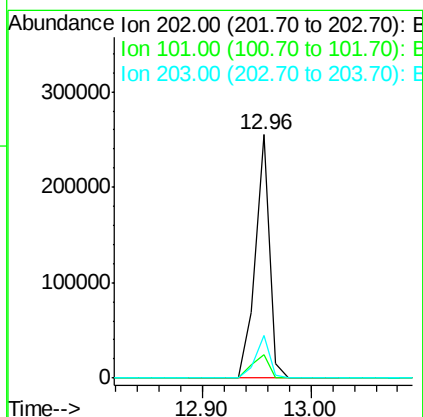
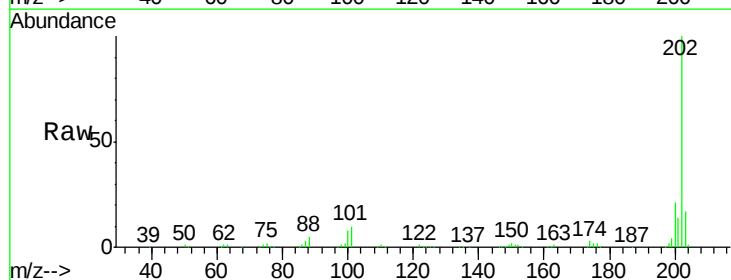
Instrument :
BNA_F
ClientSampleId :
TP-7D78MSD

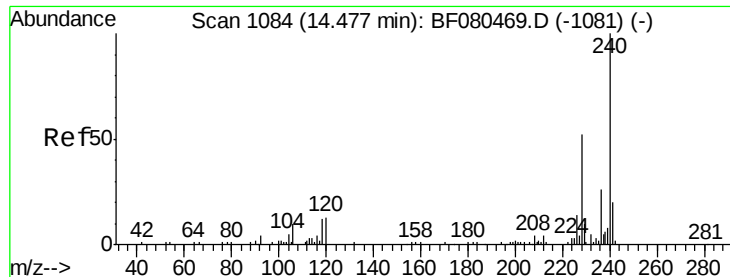
Tgt Ion:149 Resp: 223251
Ion Ratio Lower Upper
149 100
150 9.2 7.7 11.5
104 4.8 5.0 7.4#



#74
Fluoranthene
Concen: 36.53 ng
RT: 12.96 min Scan# 951
Delta R.T. 0.06 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:202 Resp: 234136
Ion Ratio Lower Upper
202 100
101 9.6 0.0 27.9
203 17.3 0.0 37.2

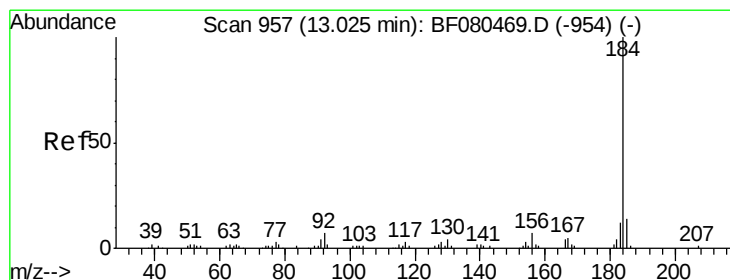
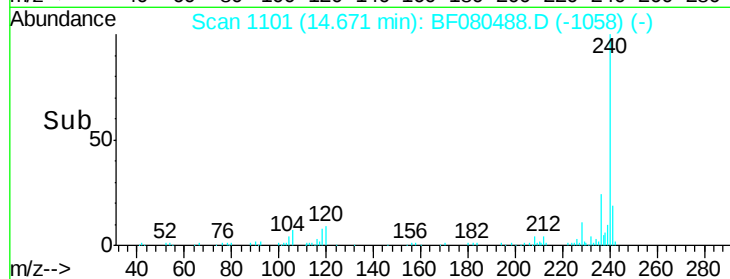
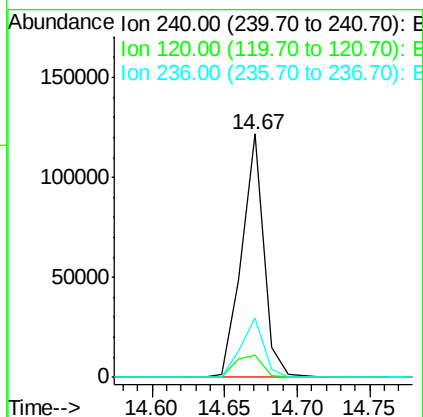
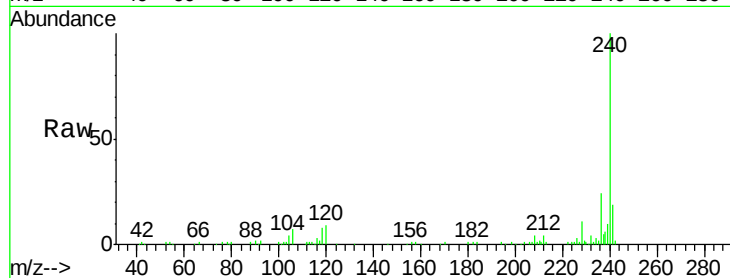




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.67 min Scan# 1101
Delta R.T. 0.19 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

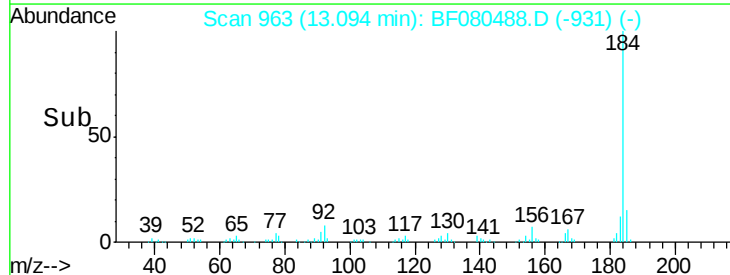
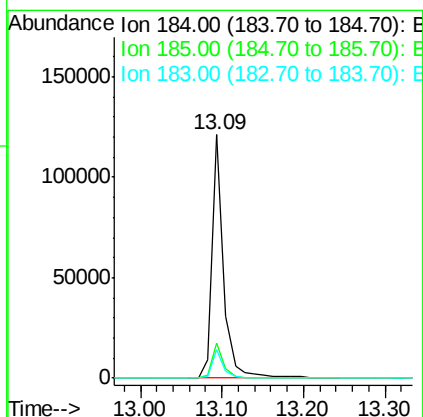
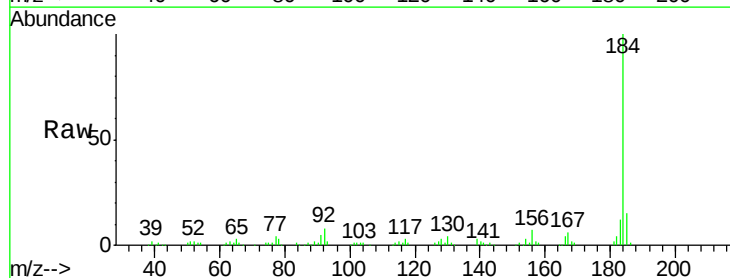
Instrument :
BNA_F
ClientSampleId :
TP-7D78MSD

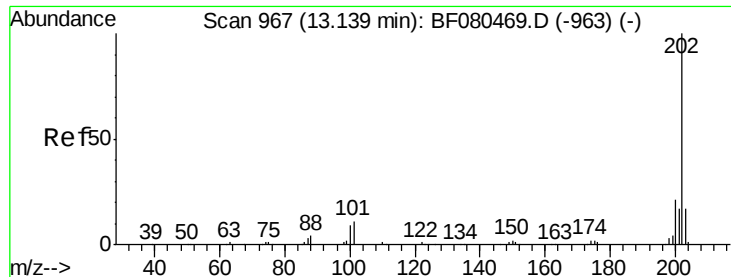
Tgt Ion:240 Resp: 129115
Ion Ratio Lower Upper
240 100
120 9.3 10.2 15.4#
236 24.5 20.6 30.8



#76
Benzidine
Concen: 31.69 ng
RT: 13.09 min Scan# 963
Delta R.T. 0.07 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:184 Resp: 121235
Ion Ratio Lower Upper
184 100
185 14.6 11.2 16.8
183 11.6 9.3 13.9

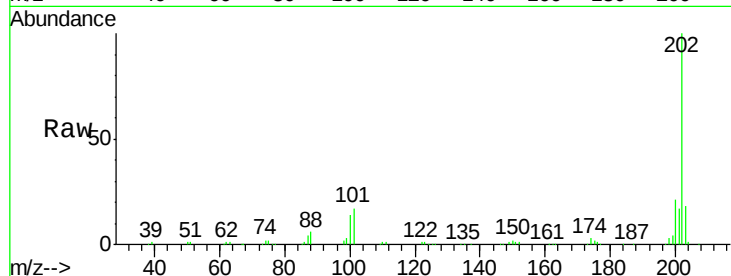




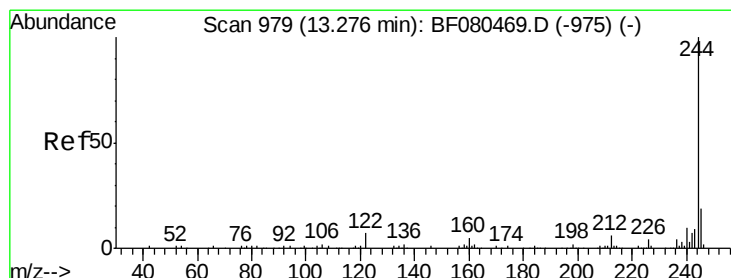
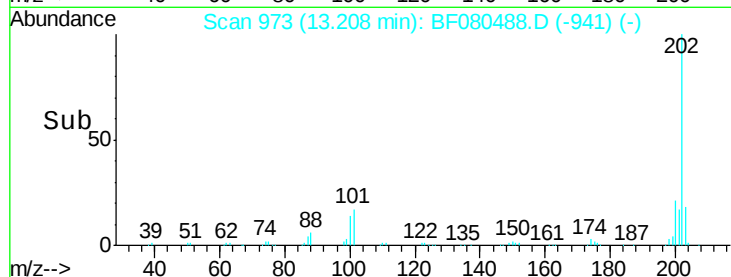
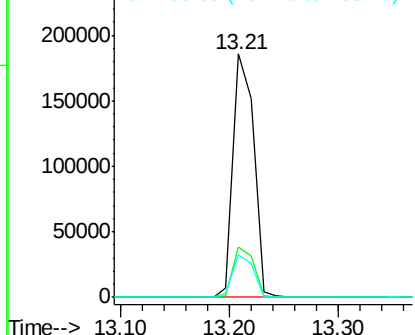
#77
 Pyrene
 Concen: 31.69 ng
 RT: 13.21 min Scan# 973
 Delta R.T. 0.07 min
 Lab File: BF080488.D
 Acq: 15 Jul 2015 13:00

Instrument :
 BNA_F
 ClientSampleId :
 TP-7D78MSD

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	24.8
203	17.6	13.8	20.6

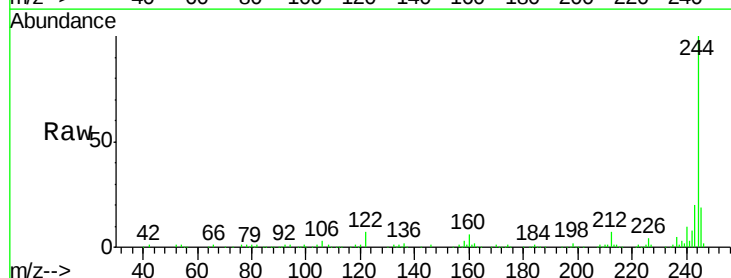


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

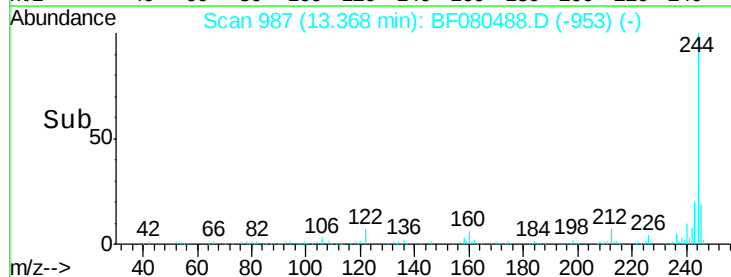
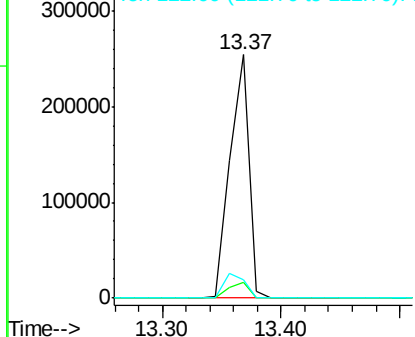


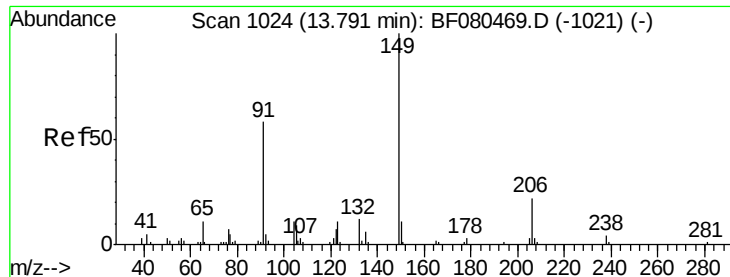
#78
 Terphenyl-d14
 Concen: 52.30 ng
 RT: 13.37 min Scan# 987
 Delta R.T. 0.09 min
 Lab File: BF080488.D
 Acq: 15 Jul 2015 13:00

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	4.9	7.3
122	7.4	5.2	7.8



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: 36.55 ng

RT: 13.93 min Scan# 1036

Delta R.T. 0.14 min

Lab File: BF080488.D

Acq: 15 Jul 2015 13:00

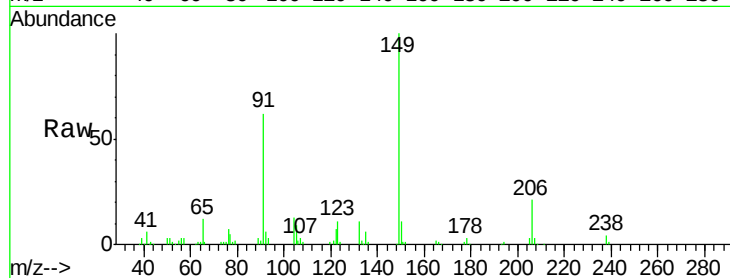
Instrument :

BNA_F

ClientSampleId :

TP-7D78MSD

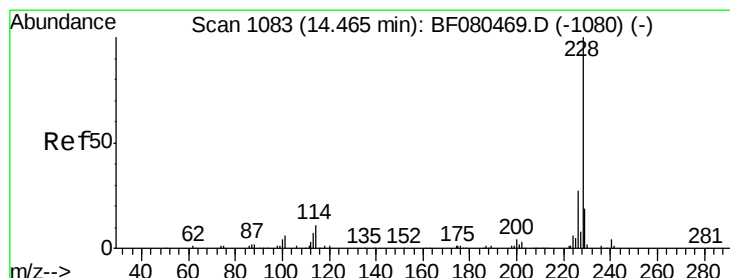
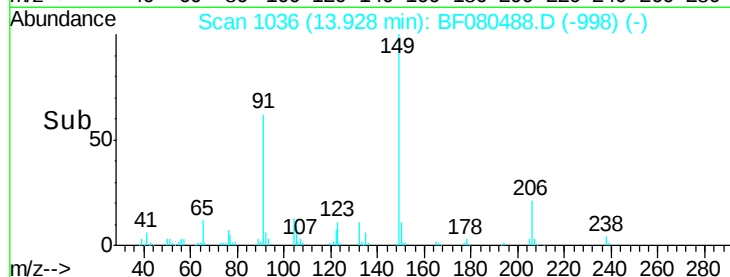
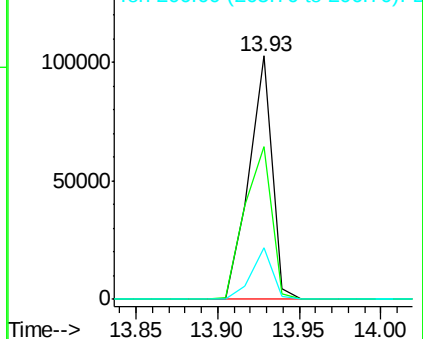
Tgt Ion:	149	Resp:	101487
Ion	Ratio	Lower	Upper
149	100		
91	62.5	46.6	69.8
206	21.1	17.5	26.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 31.06 ng

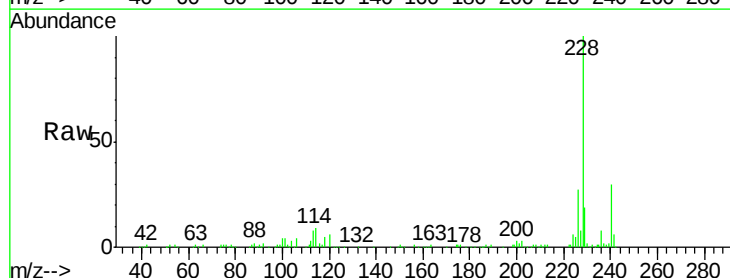
RT: 14.66 min Scan# 1100

Delta R.T. 0.19 min

Lab File: BF080488.D

Acq: 15 Jul 2015 13:00

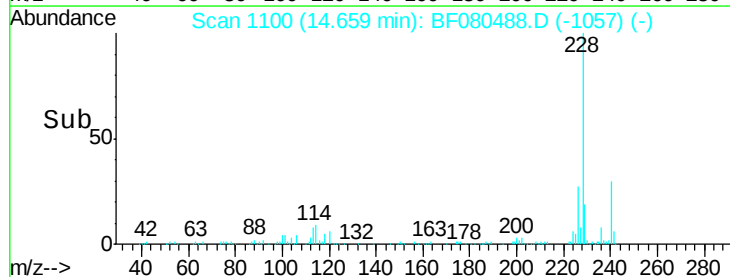
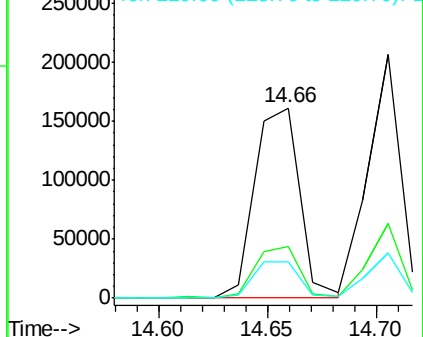
Tgt Ion:	228	Resp:	233745
Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.8	32.8
229	19.2	15.3	22.9

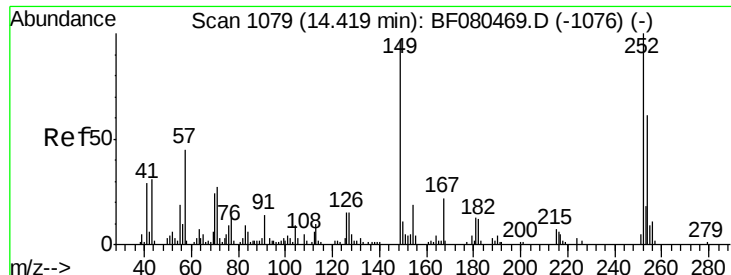


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

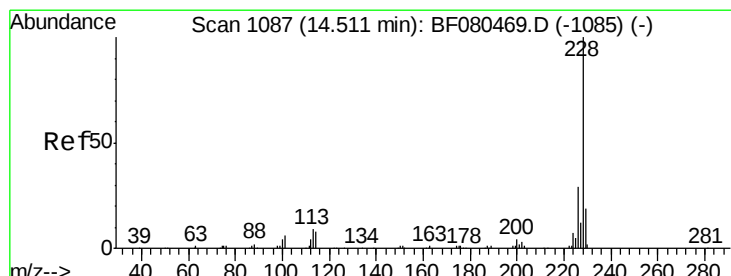
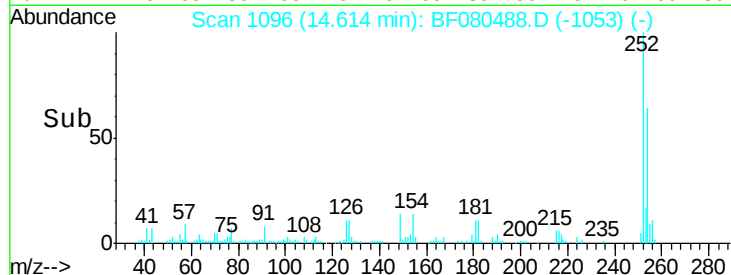
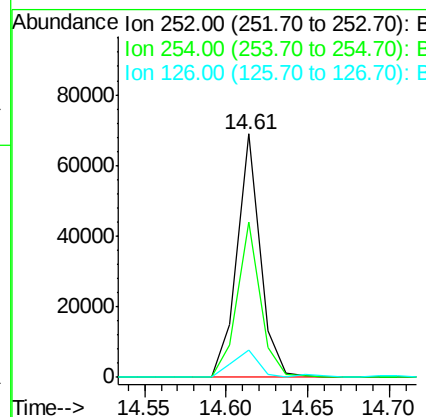
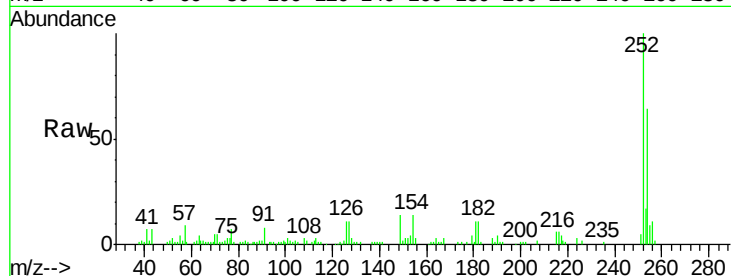




#81
 3,3'-Dichlorobenzidine
 Concen: 28.47 ng
 RT: 14.61 min Scan# 1096
 Delta R.T. 0.19 min
 Lab File: BF080488.D
 Acq: 15 Jul 2015 13:00

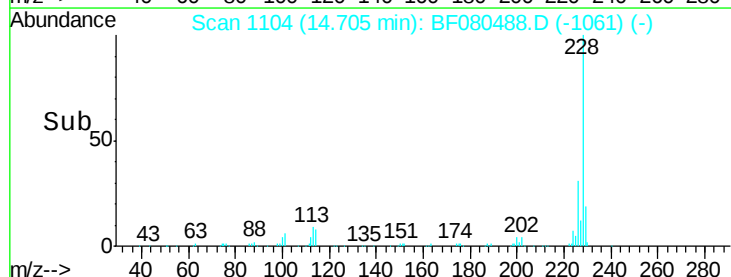
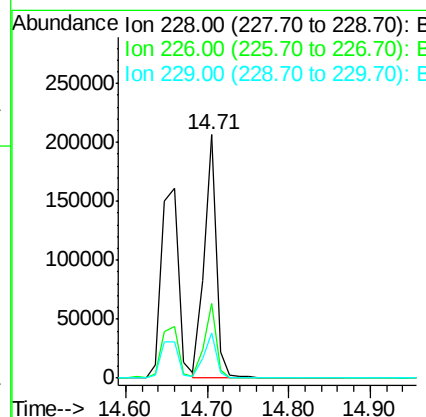
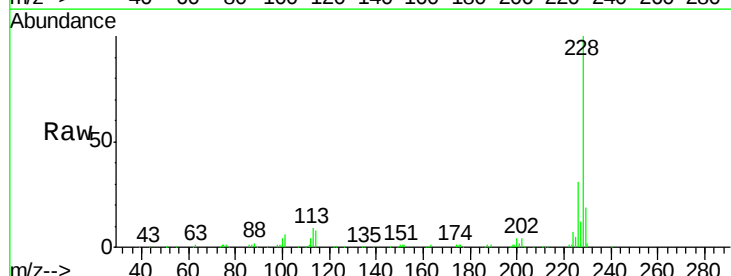
Instrument :
 BNA_F
 ClientSampleId :
 TP-7D78MSD

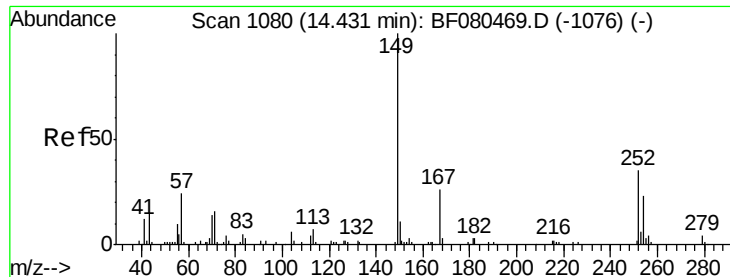
Tgt Ion:252 Resp: 67708
 Ion Ratio Lower Upper
 252 100
 254 64.0 48.9 73.3
 126 11.3 11.7 17.5#



#82
 Chrysene
 Concen: 30.58 ng
 RT: 14.71 min Scan# 1104
 Delta R.T. 0.19 min
 Lab File: BF080488.D
 Acq: 15 Jul 2015 13:00

Tgt Ion:228 Resp: 220000
 Ion Ratio Lower Upper
 228 100
 226 30.6 23.1 34.7
 229 18.8 15.3 22.9





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.45 ng

RT: 14.63 min Scan# 1097

Delta R.T. 0.19 min

Lab File: BF080488.D

Acq: 15 Jul 2015 13:00

Instrument :

BNA_F

ClientSampleId :

TP-7D78MSD

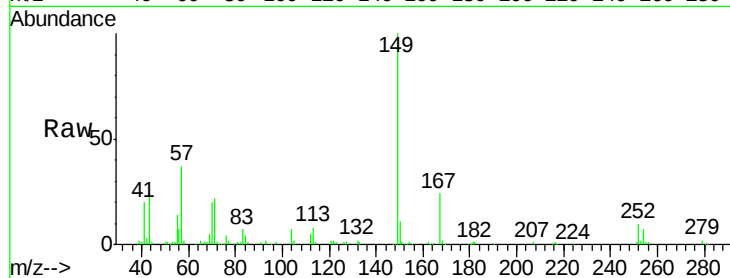
Tgt Ion:149 Resp: 155074

Ion Ratio Lower Upper

149 100

167 23.9 21.1 31.7

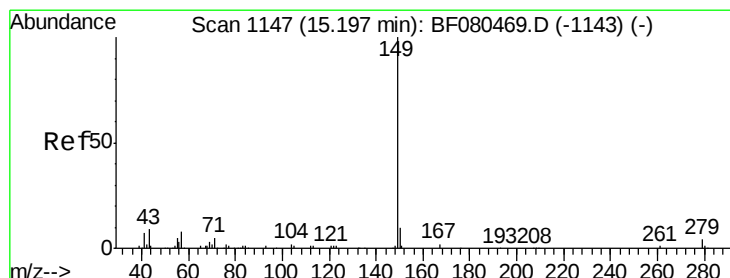
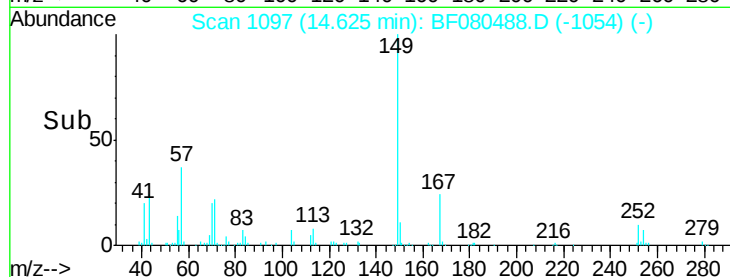
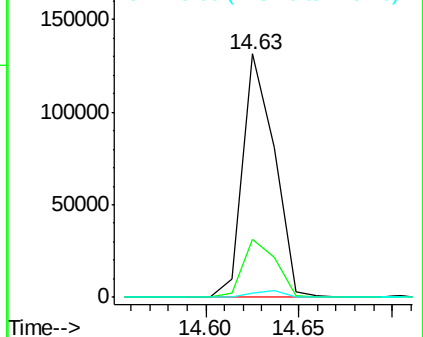
279 2.0 3.3 4.9#



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: 35.19 ng

RT: 15.47 min Scan# 1171

Delta R.T. 0.27 min

Lab File: BF080488.D

Acq: 15 Jul 2015 13:00

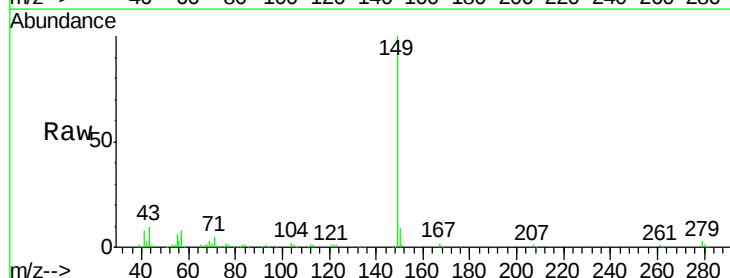
Tgt Ion:149 Resp: 254890

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

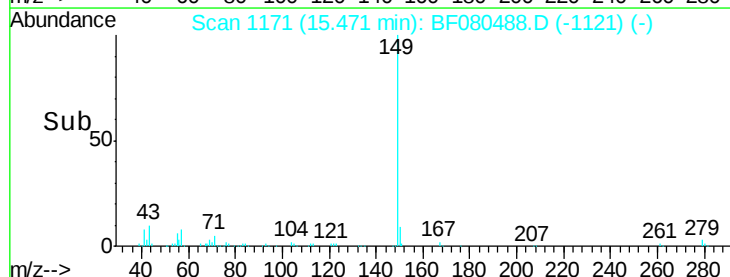
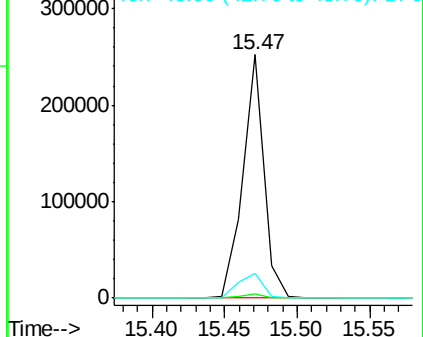
43 12.7 9.9 14.9

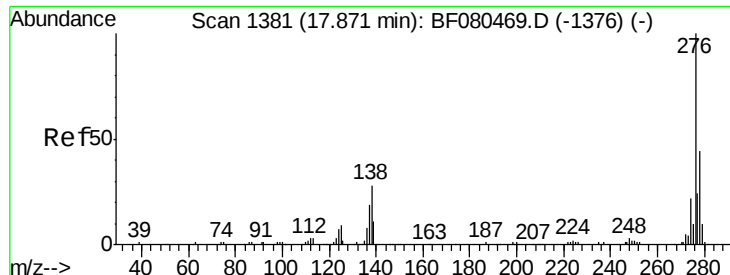


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

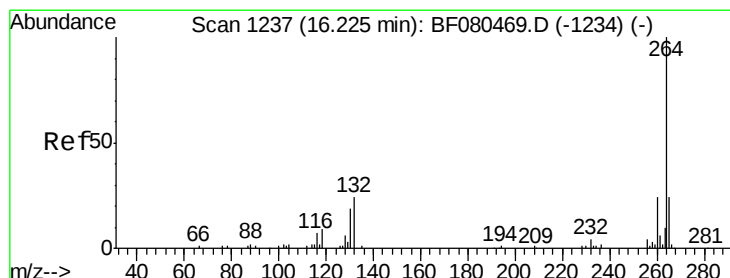
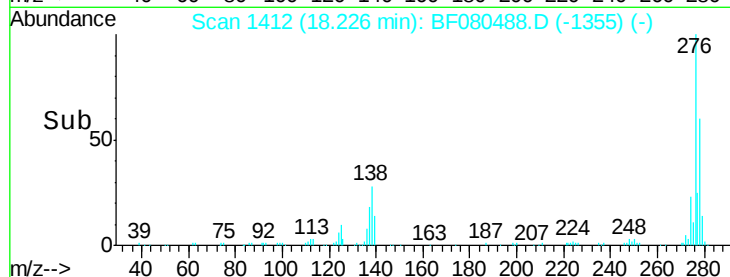
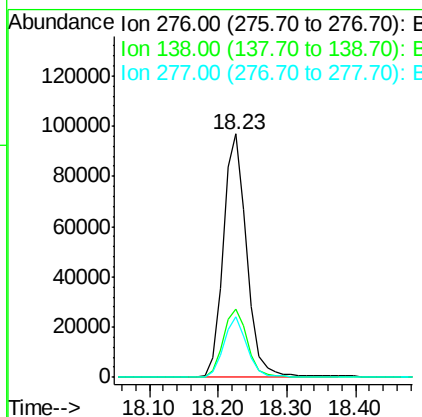
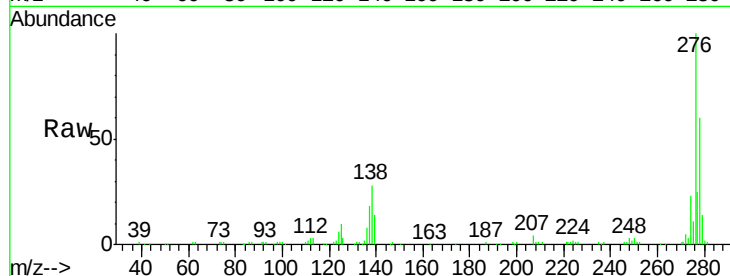




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 23.79 ng
 RT: 18.23 min Scan# 1412
 Delta R.T. 0.35 min
 Lab File: BF080488.D
 Acq: 15 Jul 2015 13:00

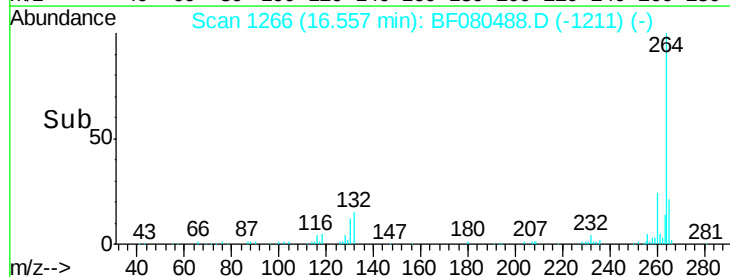
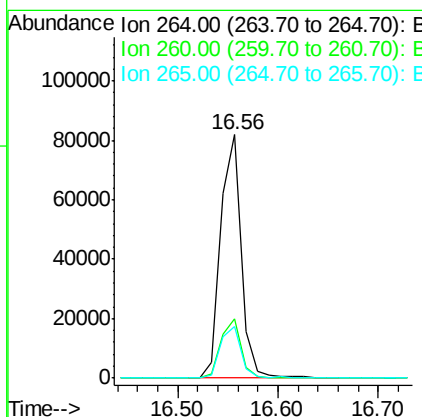
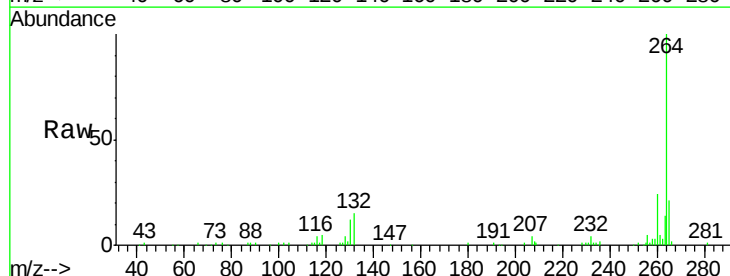
Instrument :
 BNA_F
 ClientSampleId :
 TP-7D78MSD

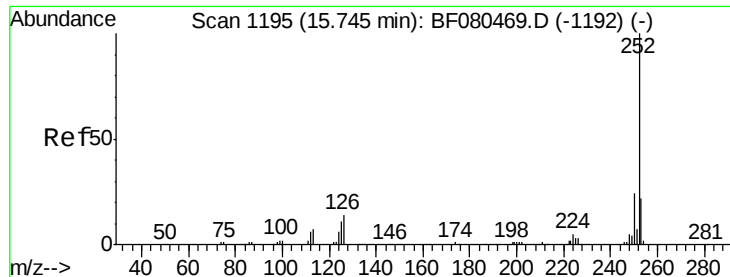
Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.2	23.0	34.6
277	24.4	19.7	29.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.56 min Scan# 1266
 Delta R.T. 0.33 min
 Lab File: BF080488.D
 Acq: 15 Jul 2015 13:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.0	28.6
265	21.4	18.9	28.3

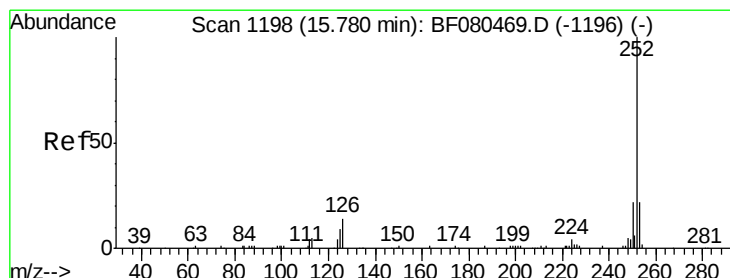
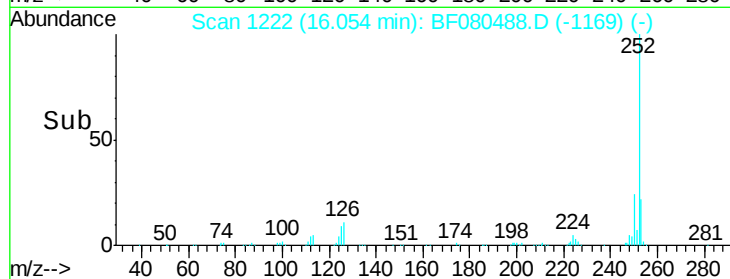
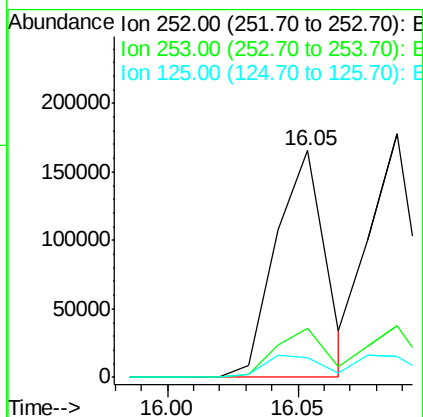
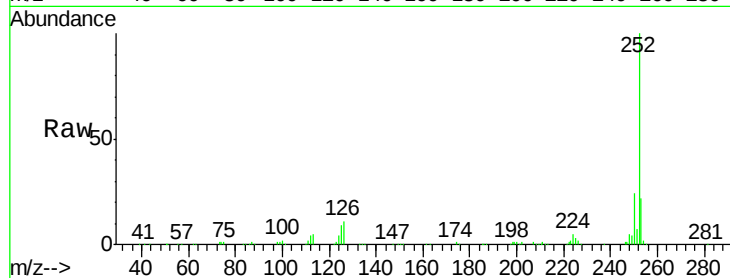




#87
Benzo(b)fluoranthene
Concen: 32.53 ng
RT: 16.05 min Scan# 1222
Delta R.T. 0.31 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

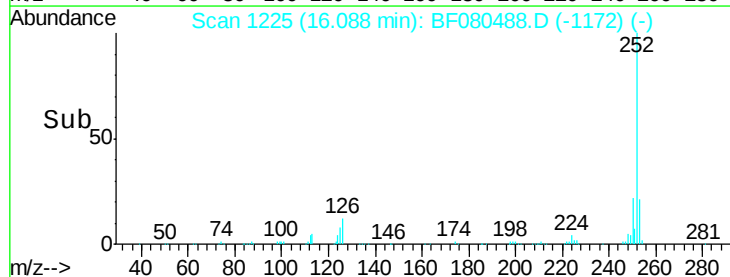
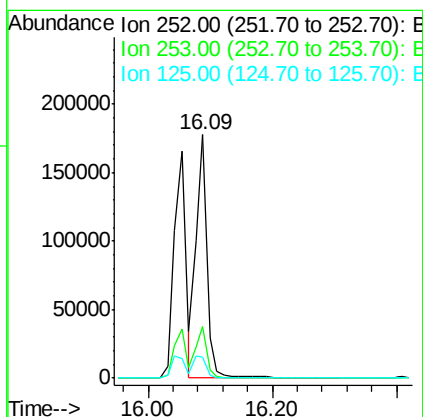
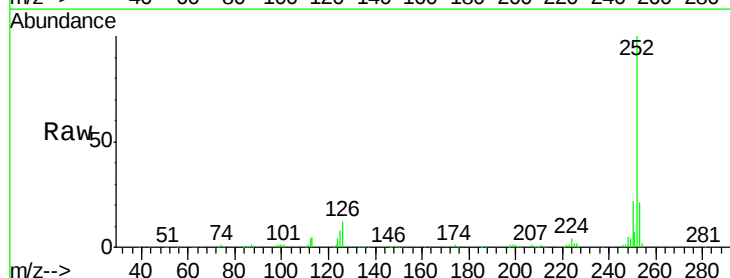
Instrument :
BNA_F
ClientSampleId :
TP-7D78MSD

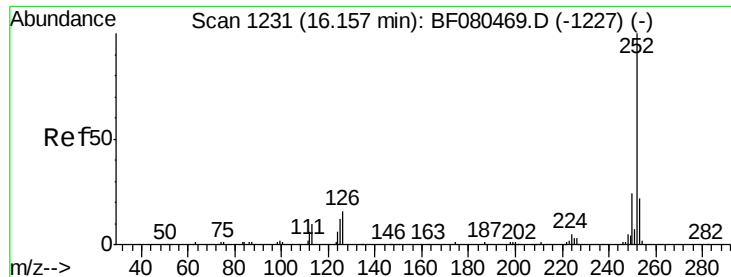
Tgt Ion:252 Resp: 217099
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 8.9 9.0 13.4#



#88
Benzo(k)fluoranthene
Concen: 34.52 ng
RT: 16.09 min Scan# 1225
Delta R.T. 0.31 min
Lab File: BF080488.D
Acq: 15 Jul 2015 13:00

Tgt Ion:252 Resp: 222559
Ion Ratio Lower Upper
252 100
253 21.3 17.0 25.6
125 8.4 7.0 10.4





#89

Benzo(a)pyrene

Concen: 32.09 ng

RT: 16.48 min Scan# 1259

Delta R.T. 0.32 min

Lab File: BF080488.D

Acq: 15 Jul 2015 13:00

Instrument :

BNA_F

ClientSampleId :

TP-7D78MSD

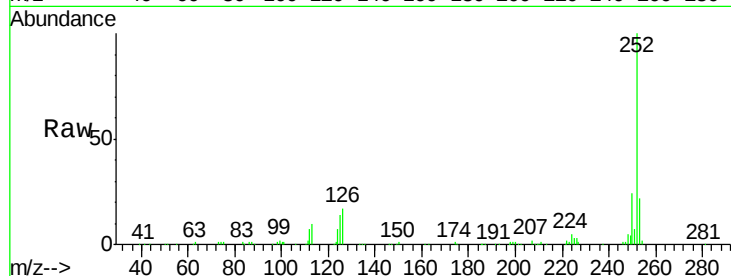
Tgt Ion:252 Resp: 210924

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

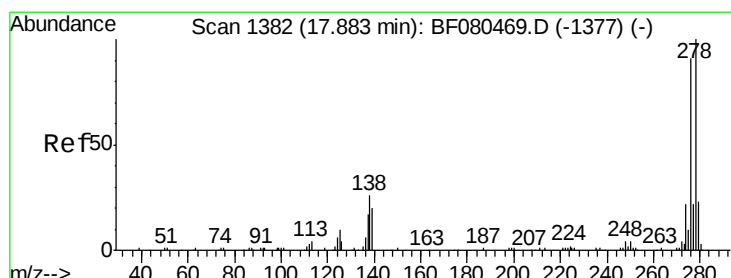
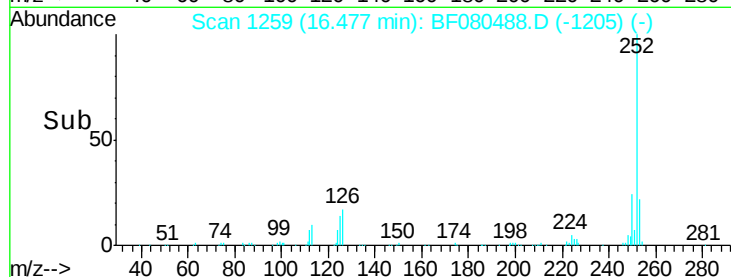
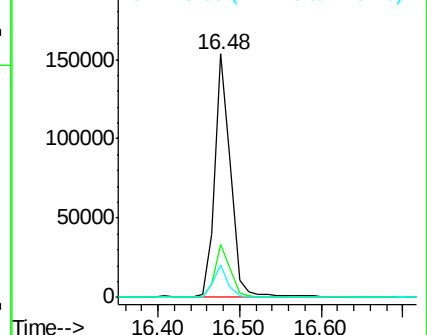
125 13.6 9.9 14.9



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: 25.89 ng

RT: 18.24 min Scan# 1413

Delta R.T. 0.35 min

Lab File: BF080488.D

Acq: 15 Jul 2015 13:00

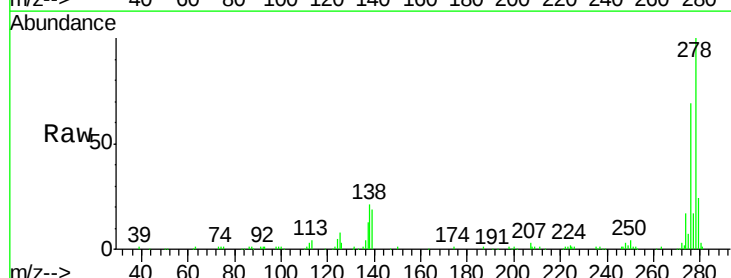
Tgt Ion:278 Resp: 192982

Ion Ratio Lower Upper

278 100

139 19.5 16.0 24.0

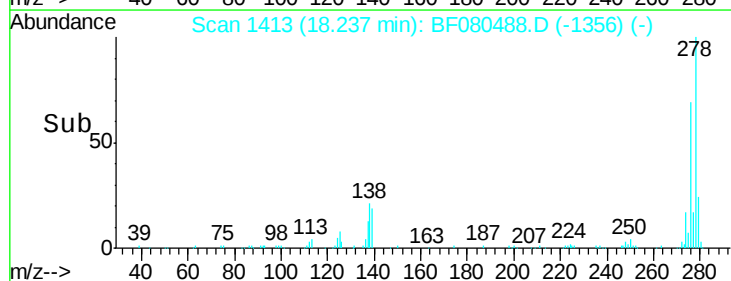
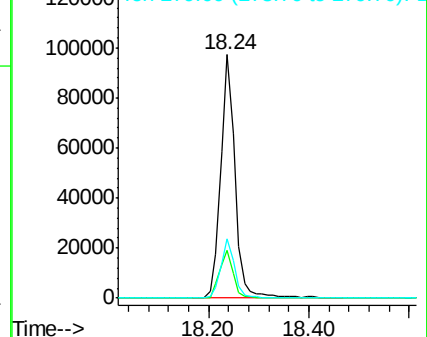
279 24.3 18.4 27.6

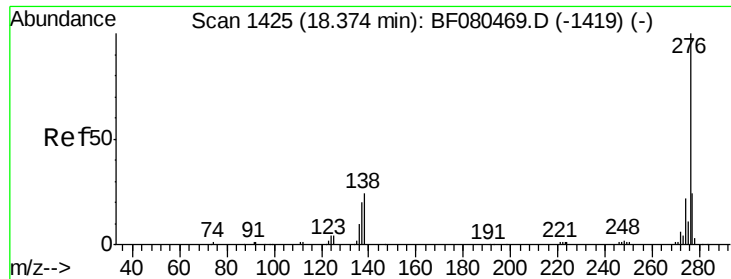


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 24.84 ng

RT: 18.73 min Scan# 1456

Delta R.T. 0.35 min

Lab File: BF080488.D

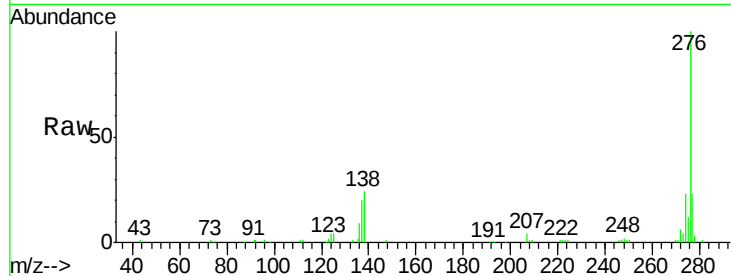
Acq: 15 Jul 2015 13:00

Instrument :

BNA_F

ClientSampleId :

TP-7D78MSD



Tgt Ion:	276	Resp:	193755
Ion Ratio	Lower	Upper	
276	100		
277	23.1	19.1	28.7
138	23.7	19.1	28.7

