

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070516\
 Data File : BF088717.D
 Acq On : 5 Jul 2016 22:09
 Operator : UM/SJ
 Sample : H3837-08MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C1.2-6MSD

Quant Time: Jul 06 01:38:28 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 17:15:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	99606	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	398468	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	189133	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	376497	20.00	ng	0.00
75) Chrysene-d12	13.91	240	248833	20.00	ng	-0.01
86) Perylene-d12	15.29	264	192387	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.38	112	735049	110.60	ng	0.01
7) Phenol-d6	6.41	99	939702	109.42	ng	0.00
23) Nitrobenzene-d5	7.34	82	602948	79.30	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	211618	120.49	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	1118705	93.43	ng	0.00
78) Terphenyl-d14	12.87	244	833405	74.60	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.39	88	77852	23.63	ng	# 33
3) Pyridine	3.07	79	48424	5.06	ng	91
4) n-Nitrosodimethylamine	3.00	42	61910	16.95	ng	88
6) Aniline	6.43	93	117636	9.40	ng	# 73
8) 2-Chlorophenol	6.56	128	163496	22.89	ng	95
9) Benzaldehyde	6.32	77	106538	18.31	ng	98
10) Phenol	6.42	94	135302	13.80	ng	# 47
11) bis(2-Chloroethyl)ether	6.51	93	150509	20.59	ng	90
12) 1,3-Dichlorobenzene	6.95	146	158811	20.20	ng	98
13) 1,4-Dichlorobenzene	6.79	146	151337	19.40	ng	94
14) 1,2-Dichlorobenzene	6.72	146	151036	20.68	ng	97
15) Benzyl Alcohol	6.91	79	137807	21.80	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.06	45	186304	17.60	ng	90
17) 2-Methylphenol	7.04	107	133752	22.95	ng	97
18) Hexachloroethane	7.29	117	62707	20.78	ng	92
19) n-Nitroso-di-n-propylamine	7.19	70	112915	19.57	ng	94
20) 3+4-Methylphenols	7.19	107	160989	23.02	ng	# 79
22) Acetophenone	7.19	105	226956	23.47	ng	# 90
24) Nitrobenzene	7.36	77	188756	24.62	ng	89
25) Isophorone	7.60	82	327902	23.28	ng	98
26) 2-Nitrophenol	7.68	139	82107	26.12	ng	# 82
27) 2,4-Dimethylphenol	7.71	122	125996	19.24	ng	87
28) bis(2-Chloroethoxy)methane	7.82	93	217321	23.71	ng	# 96
29) 2,4-Dichlorophenol	7.92	162	131304	24.81	ng	96
30) 1,2,4-Trichlorobenzene	8.00	180	126404	21.77	ng	98
31) Naphthalene	8.08	128	436485	22.22	ng	99
33) 4-Chloroaniline	8.12	127	108939	12.46	ng	# 93
34) Hexachlorobutadiene	8.20	225	72165	23.21	ng	99
35) Caprolactam	8.48	113	14496	8.07	ng	# 84
36) 4-Chloro-3-methylphenol	8.62	107	154225	24.65	ng	97
37) 2-Methylnaphthalene	8.78	142	297372	23.51	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	119715	19.03	ng	# 1
40) Hexachlorocyclopentadiene	8.92	237	158580	51.36	ng	99
42) 2,4,6-Trichlorophenol	9.05	196	102658	24.75	ng	98

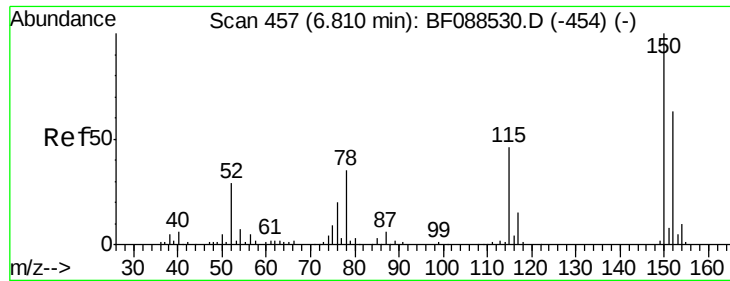
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070516\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.08	196	85144	23.86	ng	# 86
45) 1,1'-Biphenyl	9.23	154	361195	23.06	ng	100
46) 2-Chloronaphthalene	9.26	162	278976	22.69	ng	98
47) 2-Nitroaniline	9.35	65	85281	19.54	ng	94
48) Acenaphthylene	9.67	152	439970	22.49	ng	99
49) Dimethylphthalate	9.54	163	624034	46.31	ng	99
50) 2,6-Dinitrotoluene	9.60	165	81540	27.30	ng	92
51) Acenaphthene	9.84	154	268688	22.41	ng	97
52) 3-Nitroaniline	9.76	138	69119	18.21	ng	95
53) 2,4-Dinitrophenol	9.86	184	20243	15.35	ng	# 87
54) Dibenzofuran	10.01	168	387614	24.70	ng	# 87
55) 4-Nitrophenol	9.93	139	186833	64.76	ng	# 79
56) 2,4-Dinitrotoluene	10.00	165	105084	26.91	ng	95
57) Fluorene	10.35	166	311503	25.75	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.14	232	64109	23.22	ng	# 52
59) Diethylphthalate	10.24	149	373809	27.64	ng	100
60) 4-Chlorophenyl-phenylether	10.35	204	145950	25.97	ng	91
61) 4-Nitroaniline	10.36	138	65431	17.91	ng	84
62) Azobenzene	10.51	77	392538	25.45	ng	91
64) 4,6-Dinitro-2-methylphenol	10.40	198	23700	11.77	ng	86
65) n-Nitrosodiphenylamine	10.47	169	274542	21.55	ng	99
66) 4-Bromophenyl-phenylether	10.83	248	80505	21.22	ng	# 73
67) Hexachlorobenzene	10.90	284	97230	23.15	ng	# 85
68) Atrazine	10.99	200	78871	19.86	ng	91
69) Pentachlorophenol	11.10	266	94570	38.05	ng	98
70) Phenanthrene	11.31	178	476527	23.15	ng	98
71) Anthracene	11.36	178	444183	21.71	ng	98
72) Carbazole	11.52	167	414633	21.53	ng	97
73) Di-n-butylphthalate	11.85	149	506304	22.60	ng	99
74) Fluoranthene	12.49	202	468086	22.43	ng	98
76) Benzidine	12.62	184	72983	5.80	ng	98
77) Pyrene	12.72	202	481305	22.81	ng	98
79) Butylbenzylphthalate	13.35	149	214219	22.76	ng	99
80) Benzo(a)anthracene	13.90	228	358710	22.39	ng	99
81) 3,3'-Dichlorobenzidine	13.86	252	81103	13.46	ng	# 96
82) Chrysene	13.93	228	317292	20.02	ng	97
83) Bis(2-ethylhexyl)phthalate	13.91	149	295768	27.53	ng	100
84) Di-n-octyl phthalate	14.51	149	412778	22.61	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.62	276	269612	22.11	ng	# 100
87) Benzo(b)fluoranthene	14.94	252	536710	44.47	ng	99
88) Benzo(k)fluoranthene	14.94	252	536710	51.08	ng	# 93
89) Benzo(a)pyrene	15.23	252	238215	23.31	ng	99
90) Dibenzo(a,h)anthracene	16.64	278	224742	26.34	ng	97
91) Benzo(g,h,i)perylene	17.02	276	231131	26.18	ng	100

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

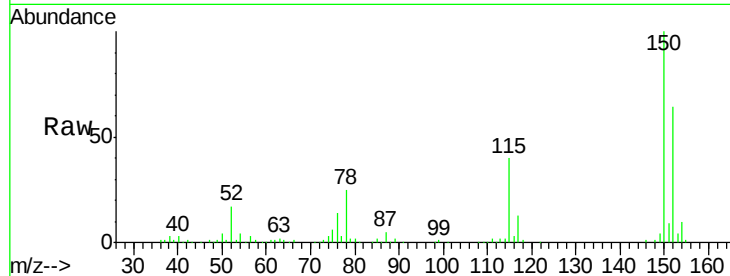


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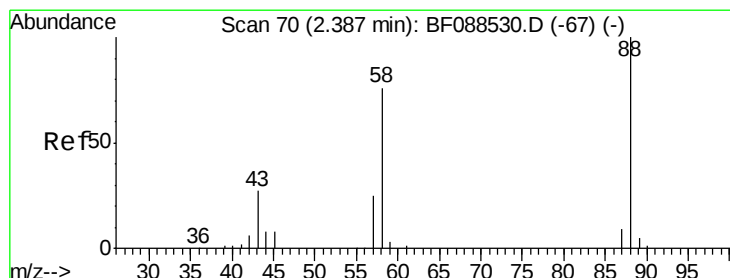
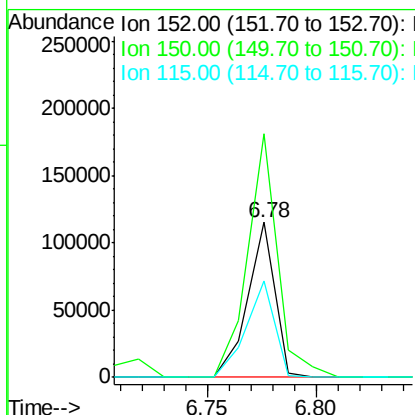
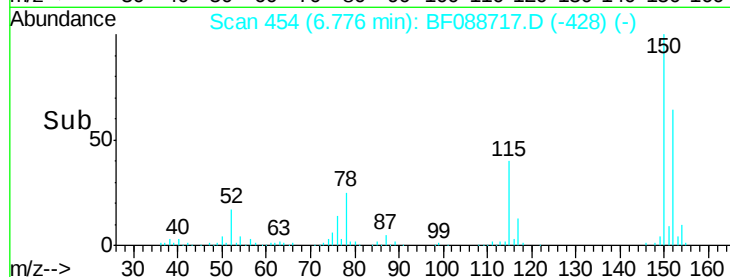
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF088717.D
Acq: 5 Jul 2016 22:09

Instrument :
BNA_F
ClientSampleId :
C1.2-6MSD

Tgt Ion:152 Resp: 99606
Ion Ratio Lower Upper
152 100
150 157.3 123.8 185.6
115 62.6 39.6 59.4#



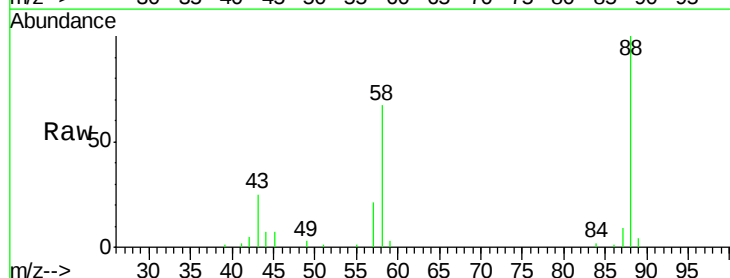
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



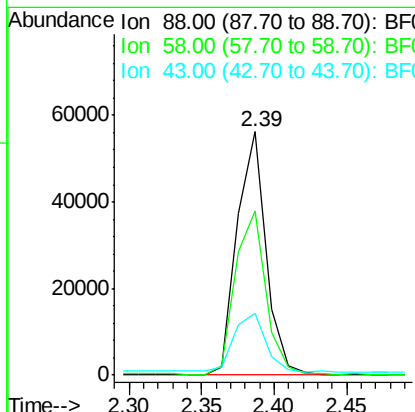
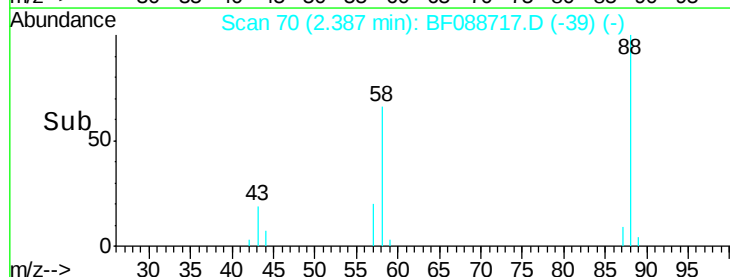
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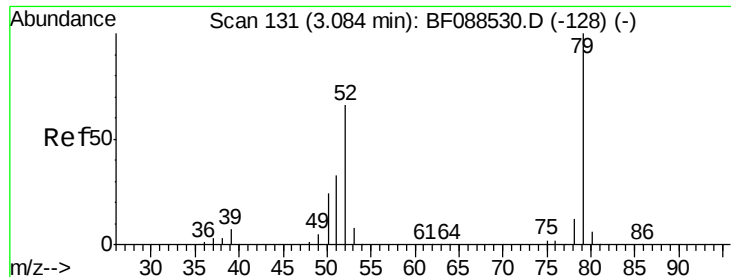
1,4-Dioxane
Concen: 23.63 ng
RT: 2.39 min Scan# 70
Delta R.T. 0.06 min
Lab File: BF088717.D
Acq: 5 Jul 2016 22:09

Tgt Ion: 88 Resp: 77852
Ion Ratio Lower Upper
88 100
58 71.8 0.0 0.0#
43 26.5 3.4 5.2#



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: 5.06 ng

RT: 3.07 min Scan# 130

Delta R.T. 0.07 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

Instrument :

BNA_F

ClientSampleId :

C1.2-6MSD

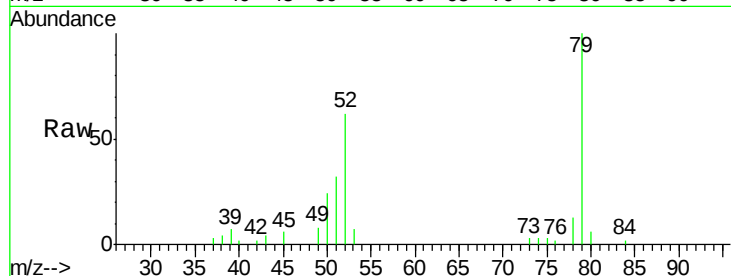
Tgt Ion: 79 Resp: 48424

Ion Ratio Lower Upper

79 100

52 61.8 56.3 84.5

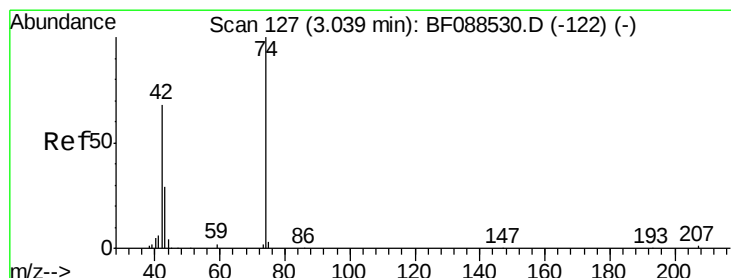
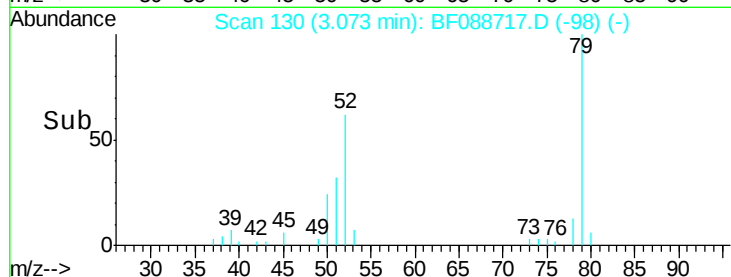
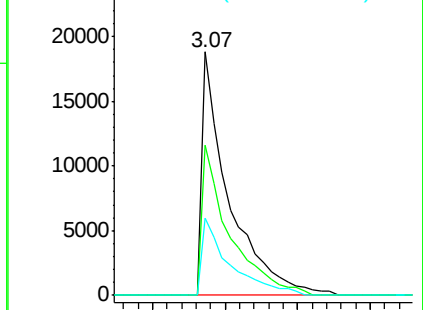
51 31.6 27.4 41.2



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: 16.95 ng

RT: 3.00 min Scan# 124

Delta R.T. 0.03 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

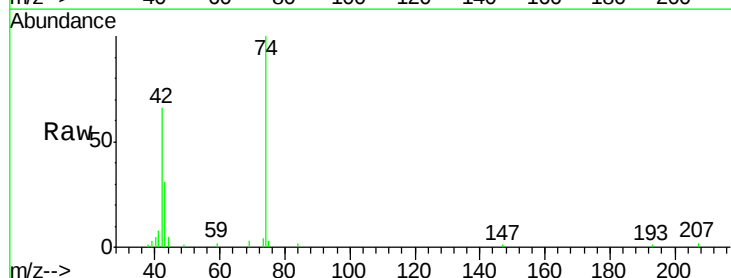
Tgt Ion: 42 Resp: 61910

Ion Ratio Lower Upper

42 100

74 150.8 108.6 163.0

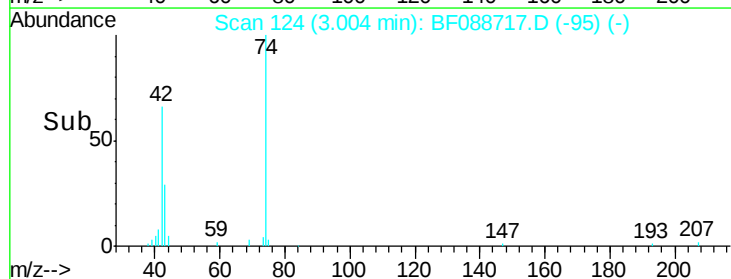
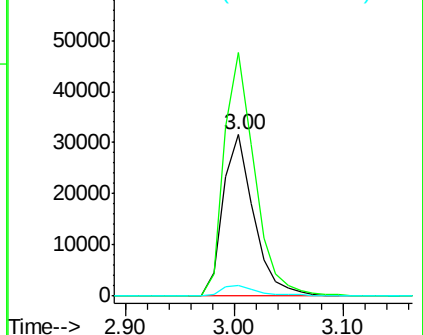
44 6.9 5.5 8.3

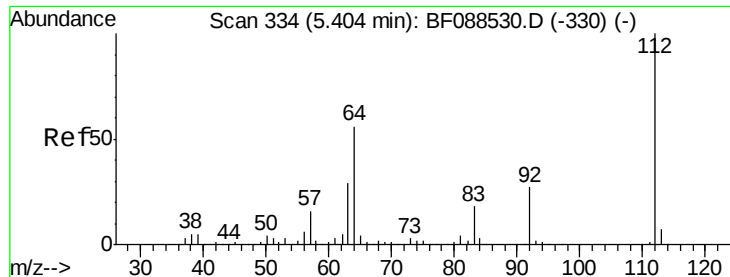


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 110.60 ng

RT: 5.38 min Scan# 332

Delta R.T. 0.01 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

Instrument :

BNA_F

ClientSampleId :

C1.2-6MSD

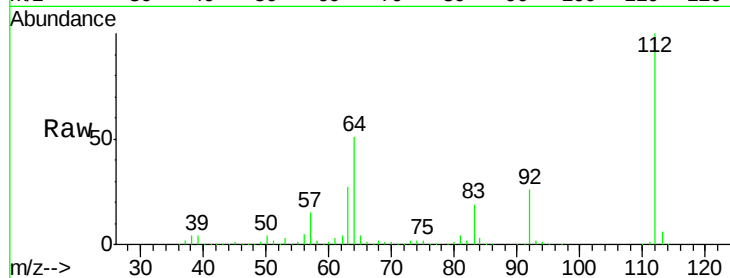
Tgt Ion: 112 Resp: 735049

Ion Ratio Lower Upper

112 100

64 51.2 42.2 63.2

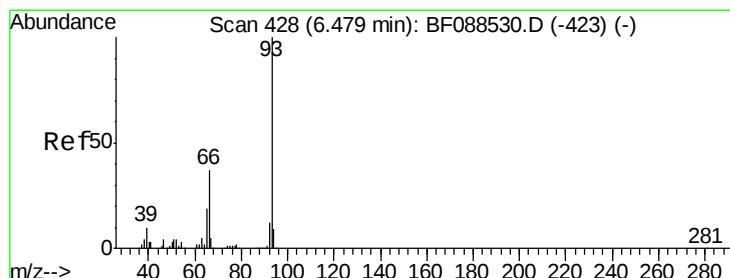
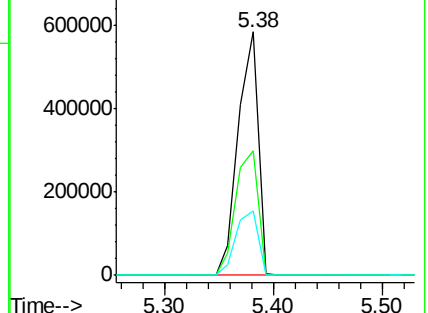
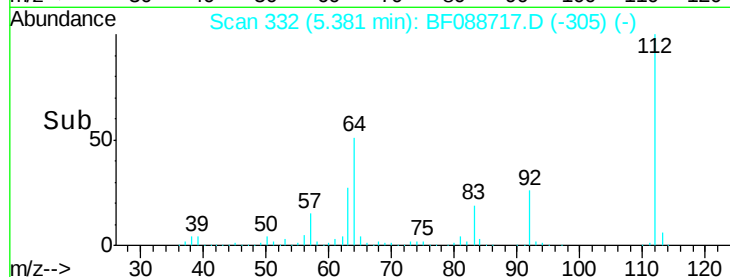
63 26.6 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 9.40 ng

RT: 6.43 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

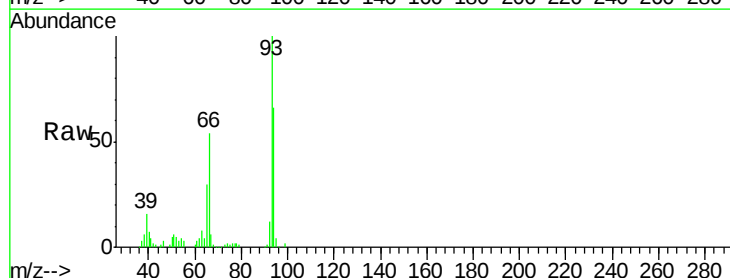
Tgt Ion: 93 Resp: 117636

Ion Ratio Lower Upper

93 100

66 53.7 29.8 44.8#

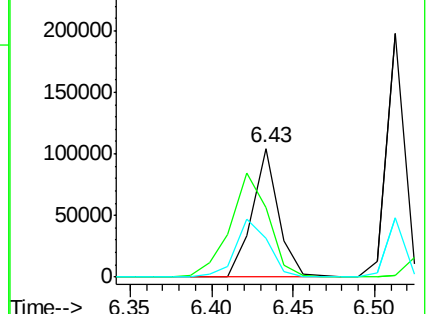
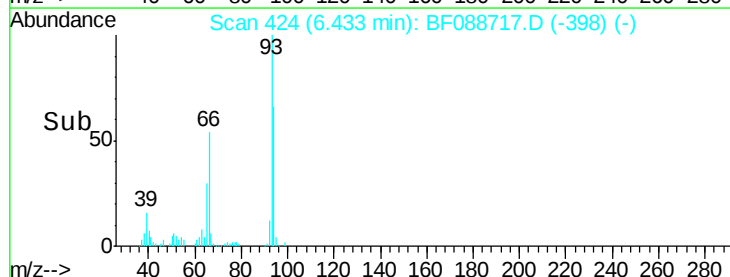
65 30.5 14.9 22.3#

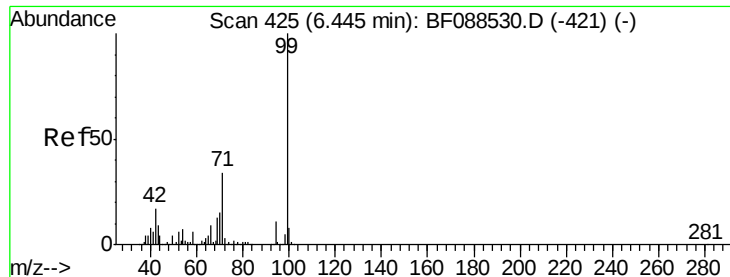


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 109.42 ng

RT: 6.41 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

Instrument :

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ClientSampleId :

C1.2-6MSD

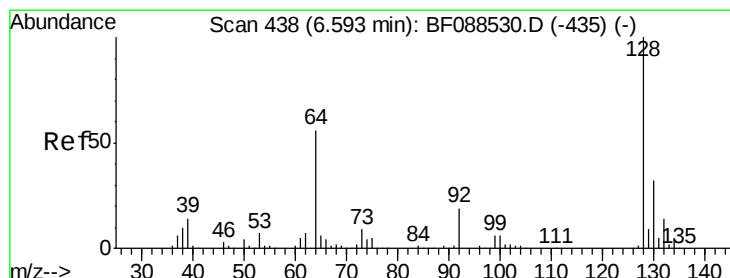
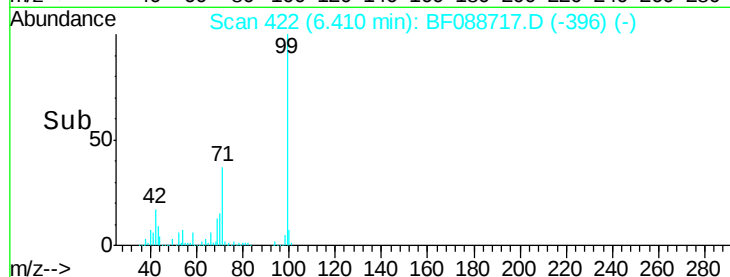
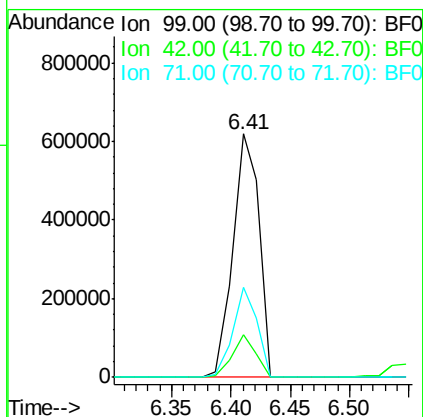
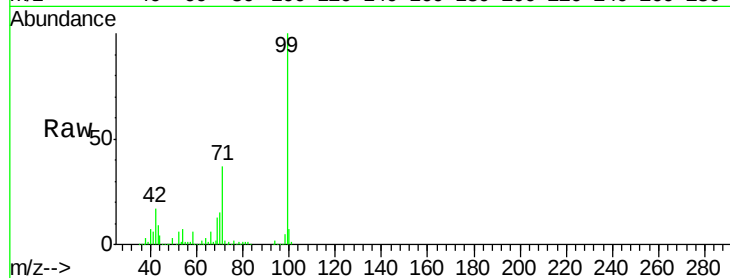
Tgt Ion: 99 Resp: 939702

Ion Ratio Lower Upper

99 100

42 17.5 12.2 18.2

71 37.0 23.4 35.0#



#8

2-Chlorophenol

Concen: 22.89 ng

RT: 6.56 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

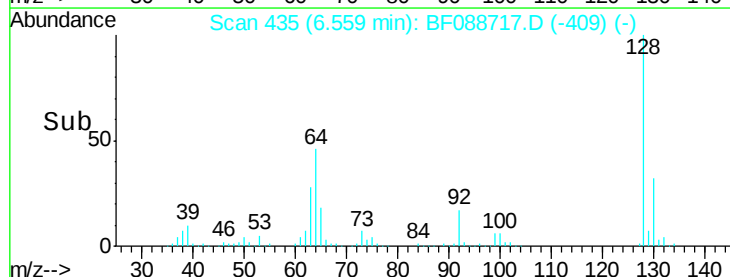
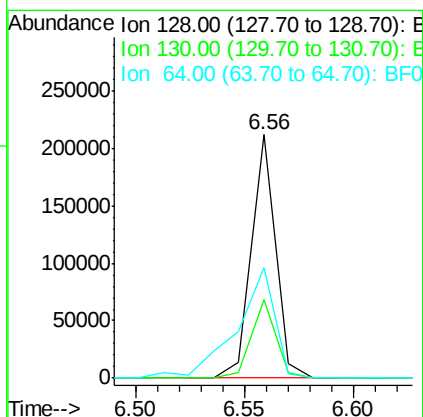
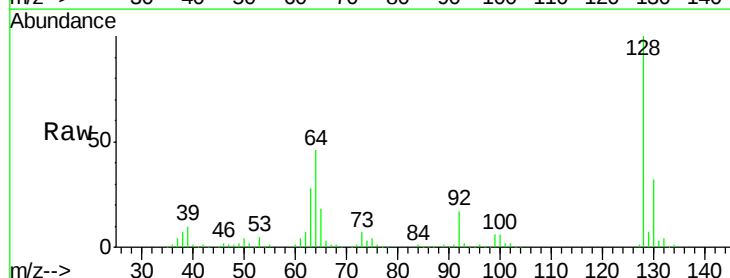
Tgt Ion: 128 Resp: 163496

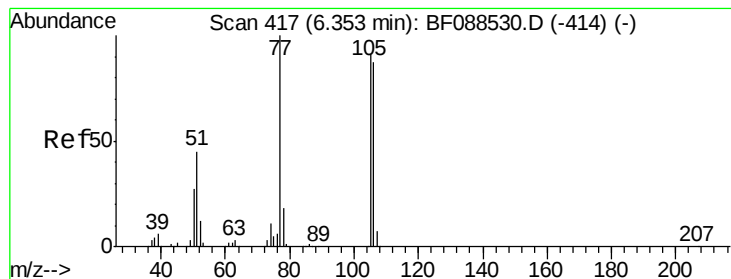
Ion Ratio Lower Upper

128 100

130 32.0 12.0 52.0

64 45.5 30.8 70.8





#9

Benzaldehyde

Concen: 18.31 ng

RT: 6.32 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

Instrument :

BNA_F

ClientSampleId :

C1.2-6MSD

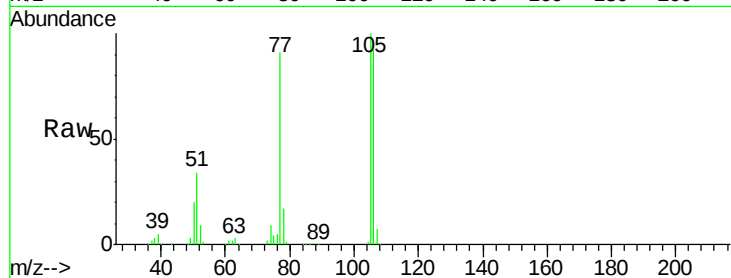
Tgt Ion: 77 Resp: 106538

Ion Ratio Lower Upper

77 100

105 110.0 90.6 130.6

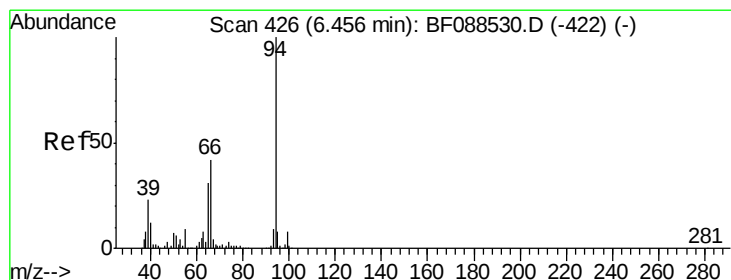
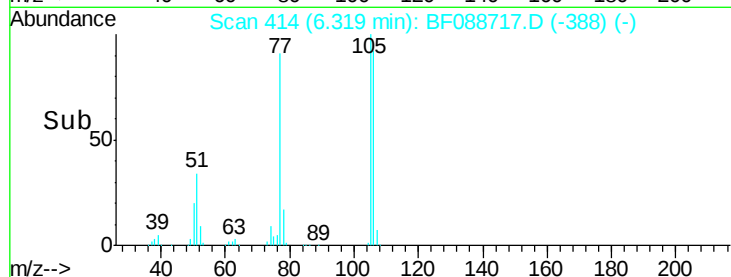
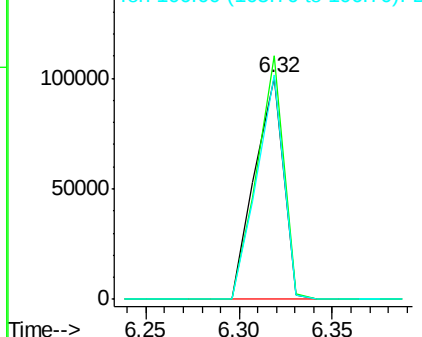
106 101.3 85.3 125.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 13.80 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.01 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

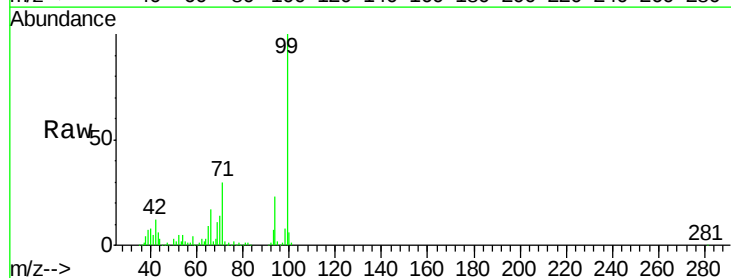
Tgt Ion: 94 Resp: 135302

Ion Ratio Lower Upper

94 100

65 41.5 5.9 45.9

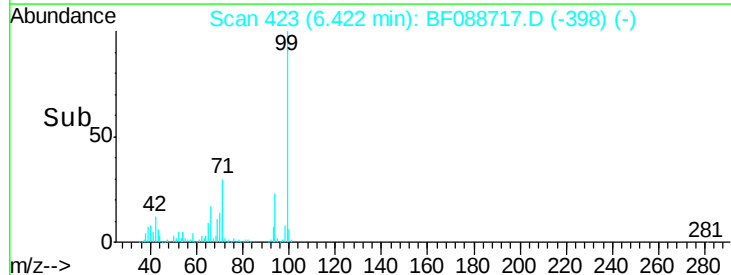
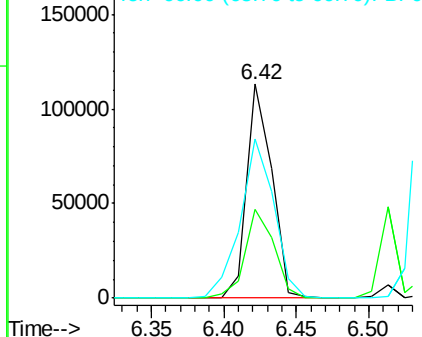
66 74.3 14.0 54.0#

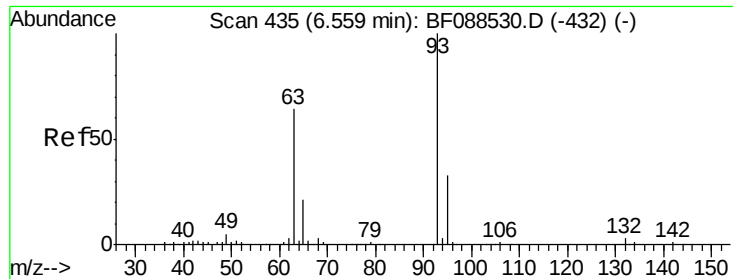


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

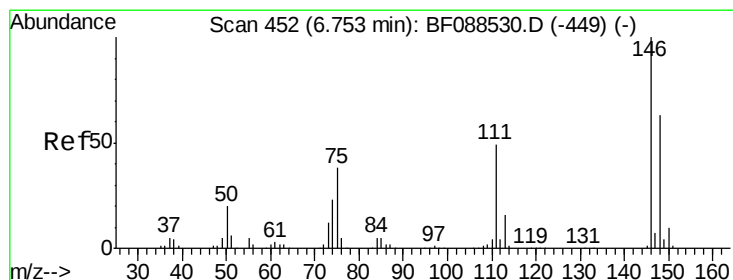
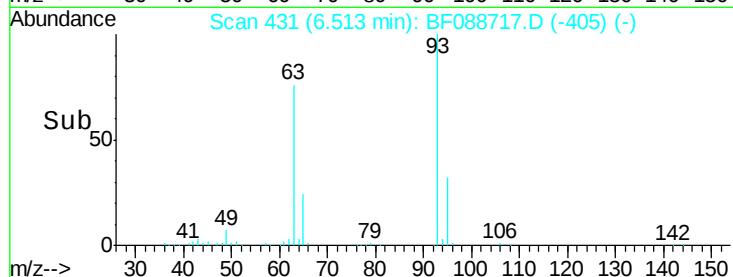
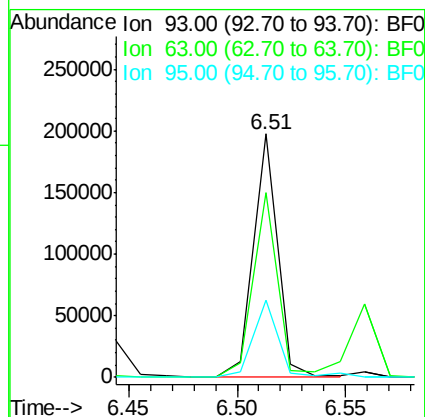
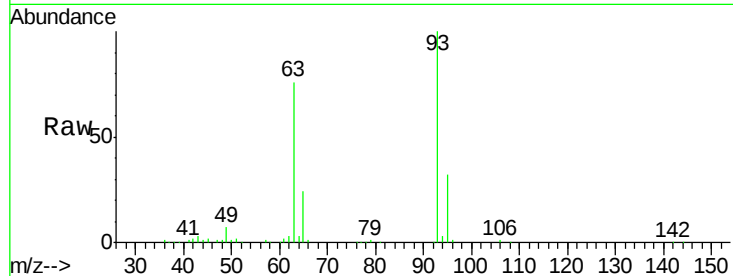




#11
 bis(2-Chloroethyl)ether
 Concen: 20.59 ng
 RT: 6.51 min Scan# 431
 Delta R.T. 0.00 min
 Lab File: BF088717.D
 Acq: 5 Jul 2016 22:09

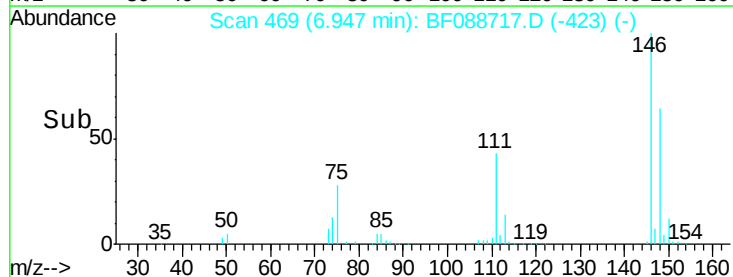
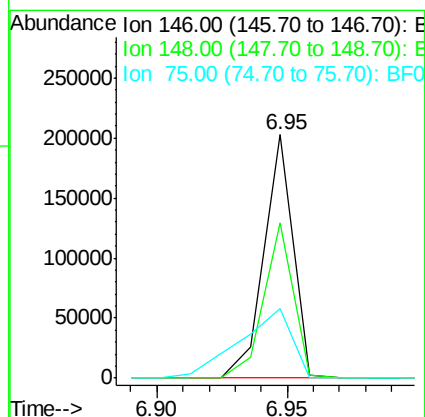
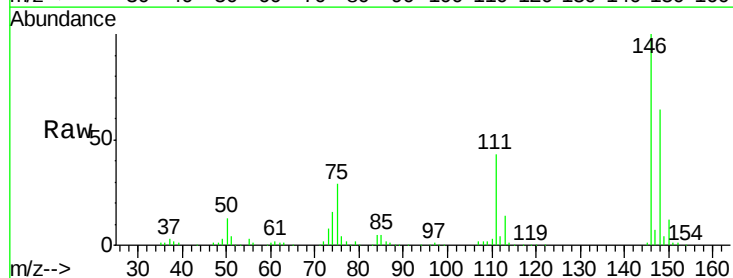
Instrument :
 BNA_F
 ClientSampleId :
 C1.2-6MSD

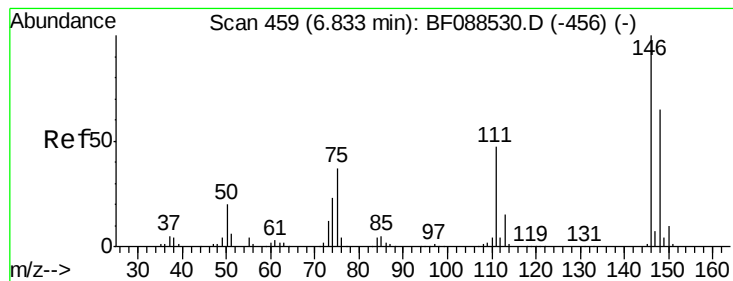
Tgt Ion: 93 Resp: 150509
 Ion Ratio Lower Upper
 93 100
 63 75.6 67.6 107.6
 95 31.9 12.5 52.5



#12
 1,3-Dichlorobenzene
 Concen: 20.20 ng
 RT: 6.95 min Scan# 469
 Delta R.T. 0.23 min
 Lab File: BF088717.D
 Acq: 5 Jul 2016 22:09

Tgt Ion: 146 Resp: 158811
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.9 76.3
 75 28.6 25.6 38.4





#13

1,4-Dichlorobenzene

Concen: 19.40 ng

RT: 6.79 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

Instrument :

BNA_F

ClientSampleId :

C1.2-6MSD

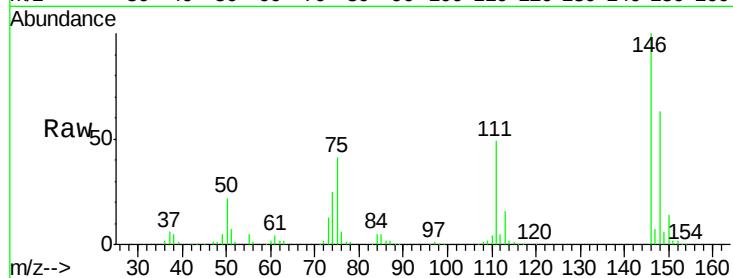
Tgt Ion:146 Resp: 151337

Ion Ratio Lower Upper

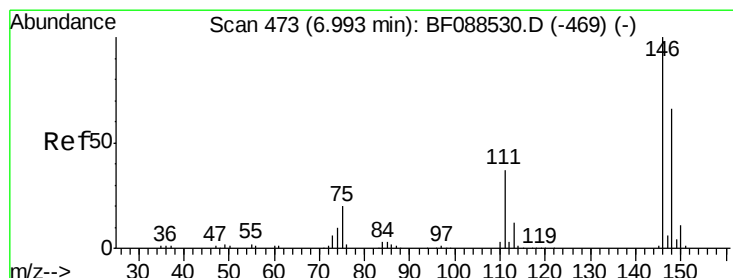
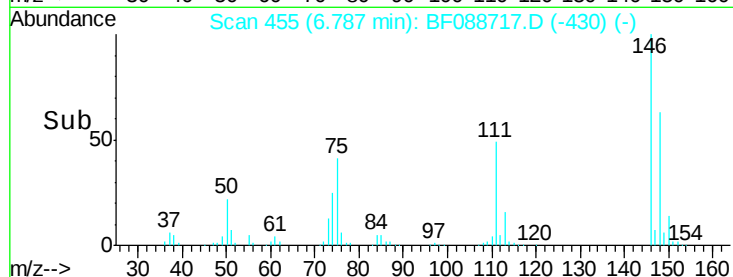
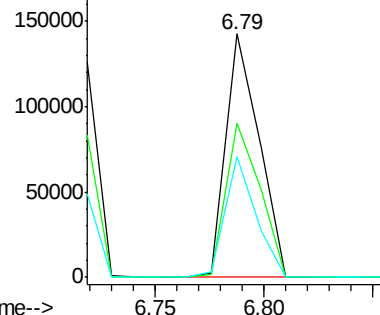
146 100

148 63.4 52.0 78.0

111 49.5 33.8 50.8



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: 20.68 ng

RT: 6.72 min Scan# 449

Delta R.T. -0.23 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

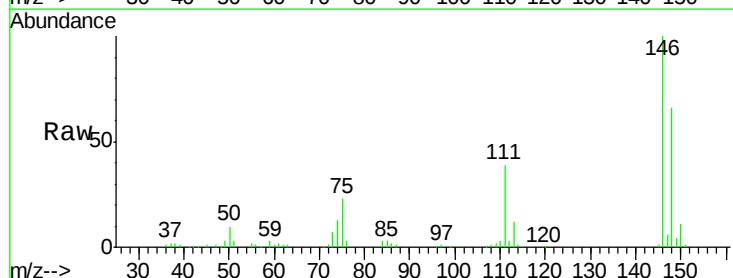
Tgt Ion:146 Resp: 151036

Ion Ratio Lower Upper

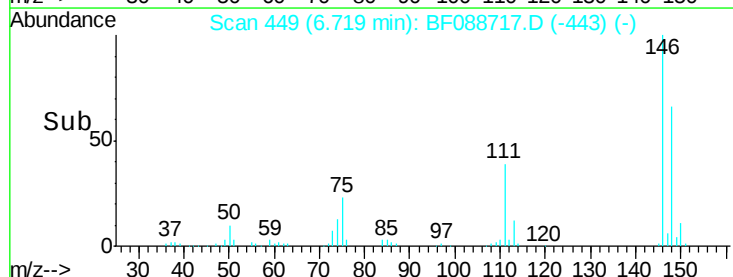
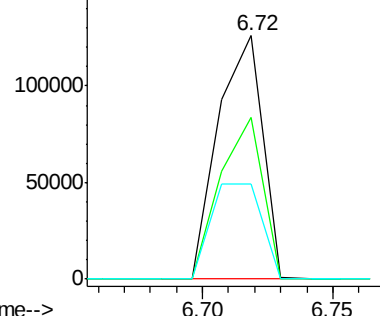
146 100

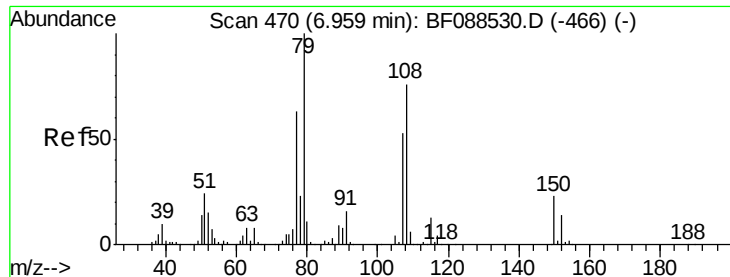
148 66.5 52.3 78.5

111 39.1 28.7 43.1



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: 21.80 ng

RT: 6.91 min Scan# 466

Delta R.T. -0.01 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

Instrument :

BNA_F

ClientSampleId :

C1.2-6MSD

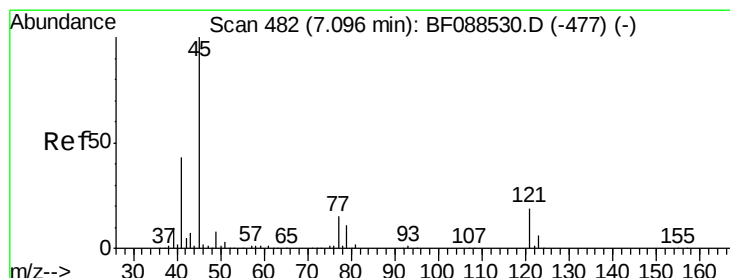
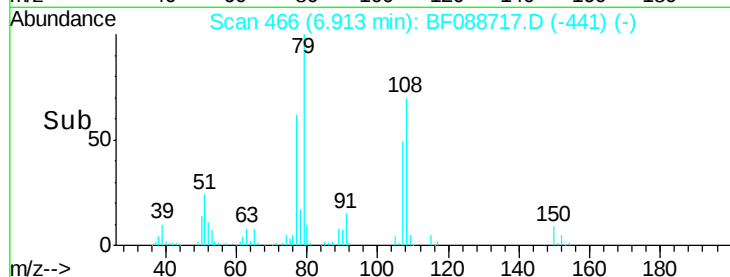
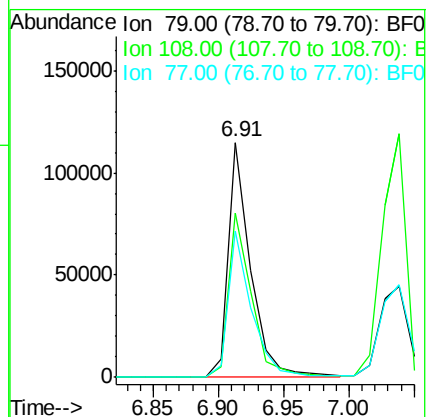
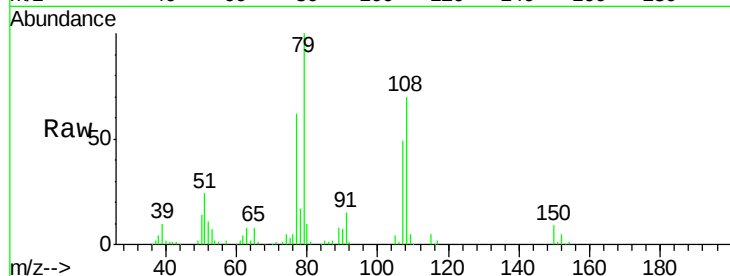
Tgt Ion: 79 Resp: 137807

Ion Ratio Lower Upper

79 100

108 69.6 65.0 97.6

77 62.3 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 17.60 ng

RT: 7.06 min Scan# 479

Delta R.T. 0.00 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

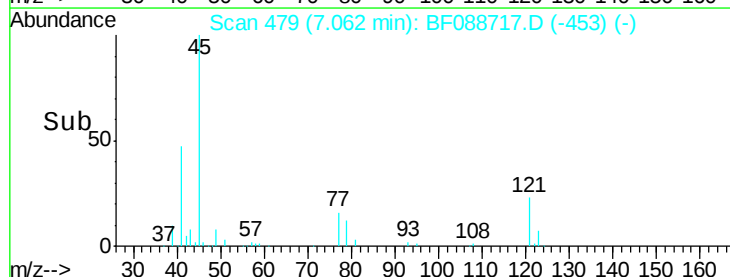
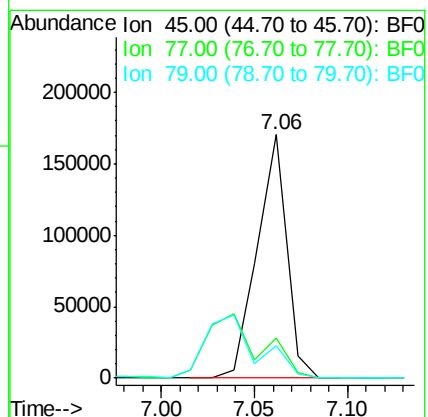
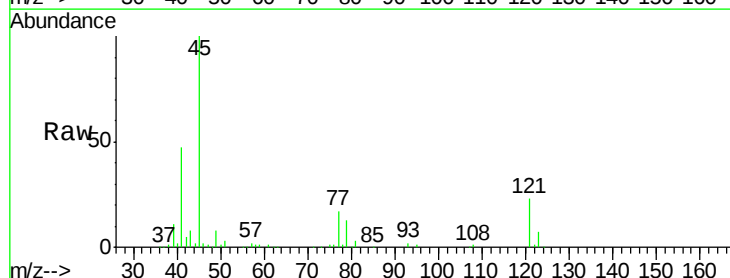
Tgt Ion: 45 Resp: 186304

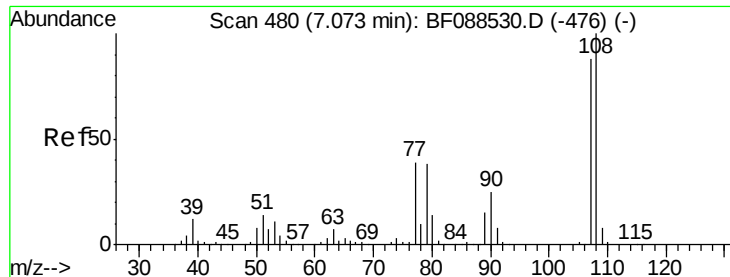
Ion Ratio Lower Upper

45 100

77 16.6 0.0 32.5

79 13.1 0.0 29.5





#17

2-Methylphenol

Concen: 22.95 ng

RT: 7.04 min Scan# 477

Delta R.T. 0.00 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

Instrument :

BNA_F

ClientSampleId :

C1.2-6MSD

Tgt Ion:107 Resp: 133752

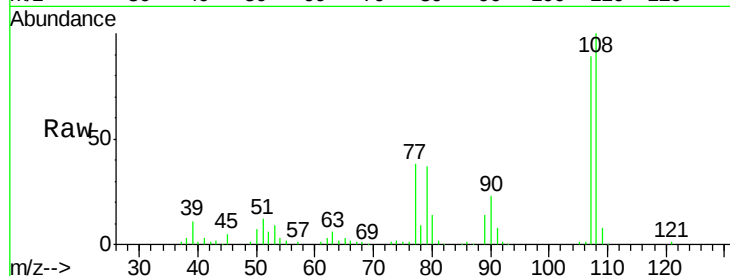
Ion Ratio Lower Upper

107 100

108 112.4 90.9 136.3

77 42.5 36.6 55.0

79 42.0 36.5 54.7

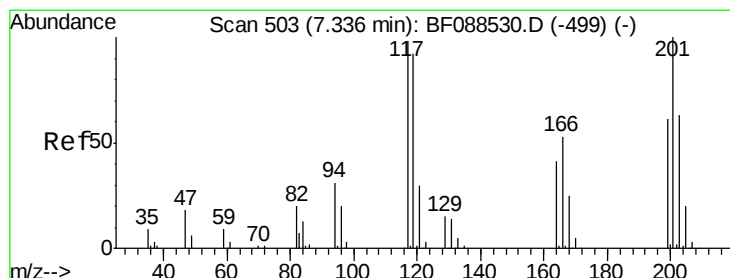
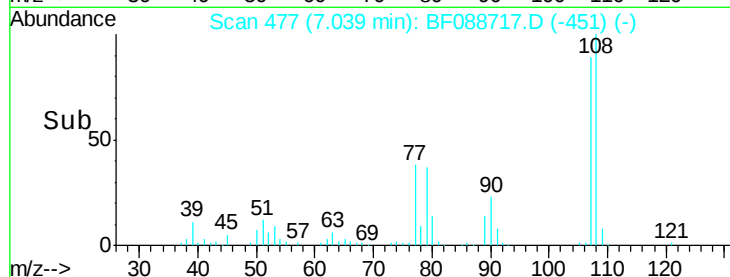
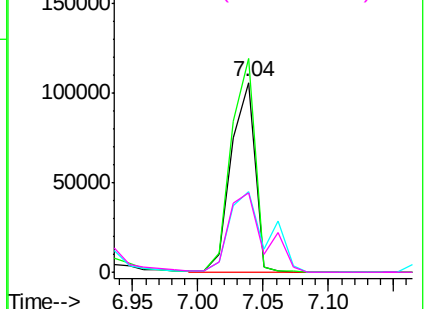


Abundance Ion 107.00 (106.70 to 107.70): E

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: 20.78 ng

RT: 7.29 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

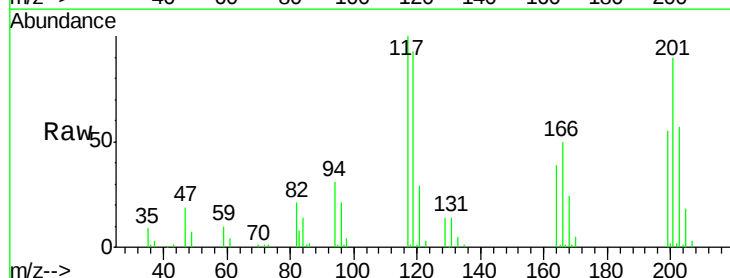
Tgt Ion:117 Resp: 62707

Ion Ratio Lower Upper

117 100

119 92.8 77.4 116.2

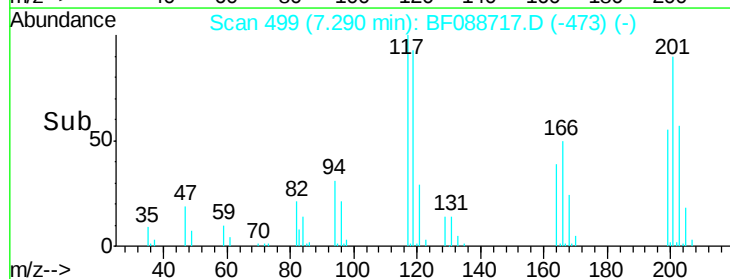
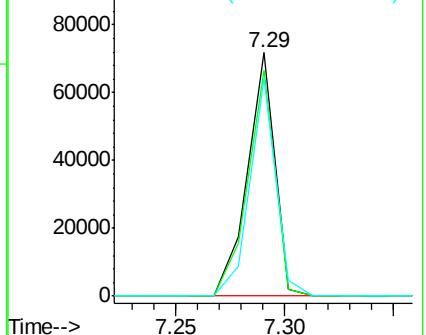
201 89.5 80.4 120.6

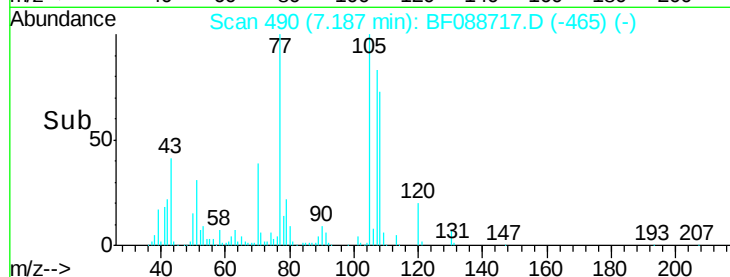
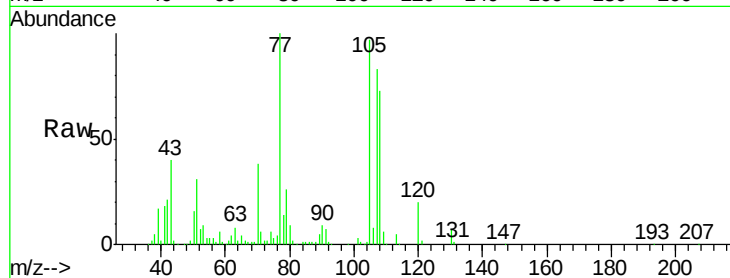
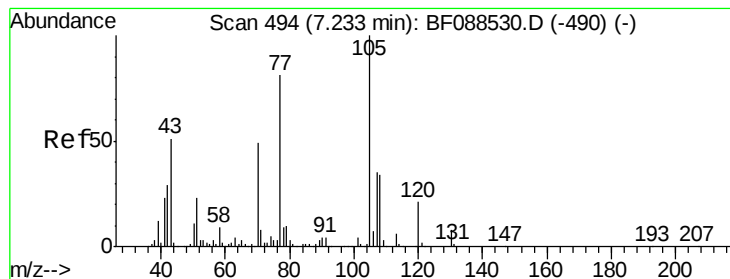


Abundance Ion 117.00 (116.70 to 117.70): E

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: 19.57 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

Instrument :

BNA_F

ClientSampleId :

C1.2-6MSD

Tgt Ion: 70 Resp: 112915

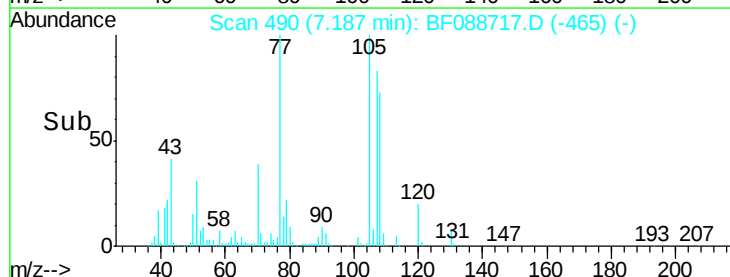
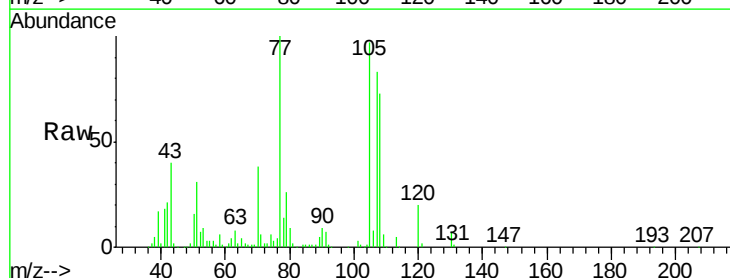
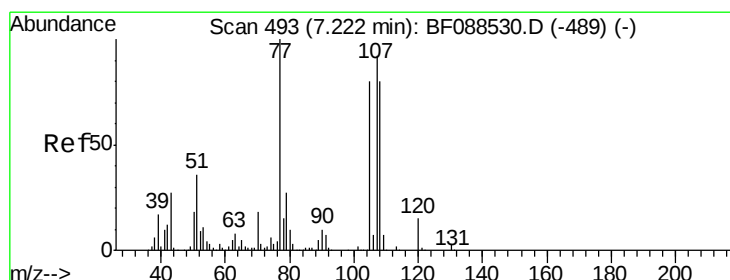
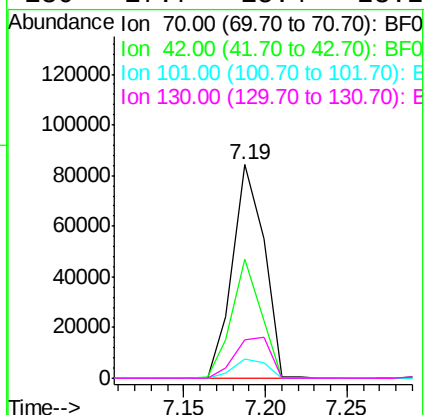
Ion Ratio Lower Upper

70 100

42 56.0 49.6 74.4

101 9.0 7.1 10.7

130 17.7 15.4 23.2



#20

3+4-Methylphenols

Concen: 23.02 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

Tgt Ion: 107 Resp: 160989

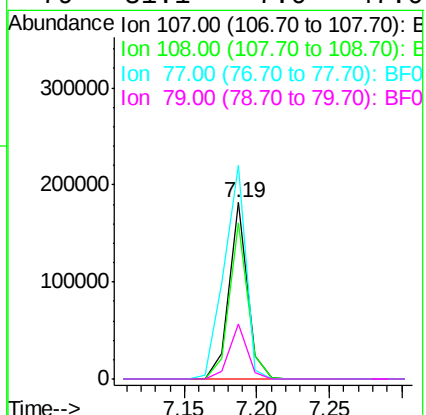
Ion Ratio Lower Upper

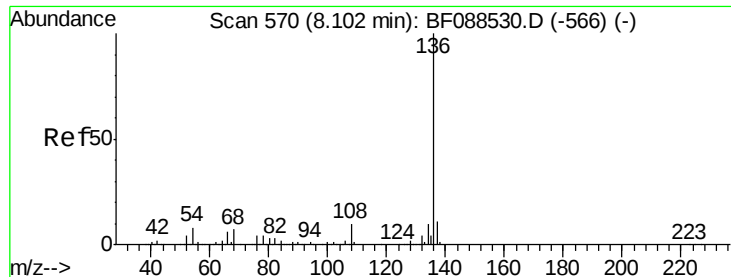
107 100

108 88.6 67.8 107.8

77 121.1 59.3 99.3#

79 31.1 7.0 47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

Instrument :

BNA_F

ClientSampleId :

C1.2-6MSD

Tgt Ion:136 Resp: 398468

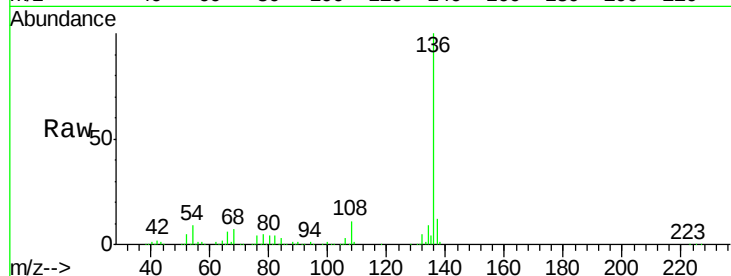
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 9.0 6.6 10.0

68 7.4 5.1 7.7

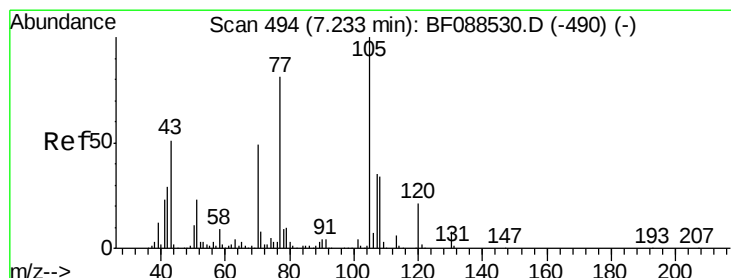
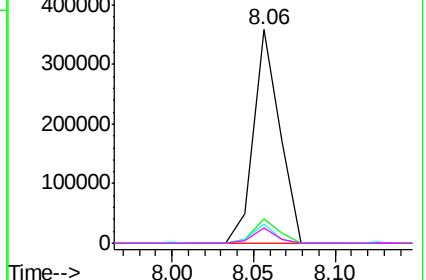
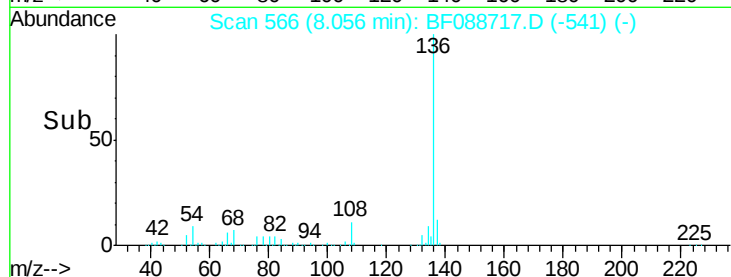


Abundance Ion 136.00 (135.70 to 136.70): E

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: 23.47 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

Tgt Ion:105 Resp: 226956

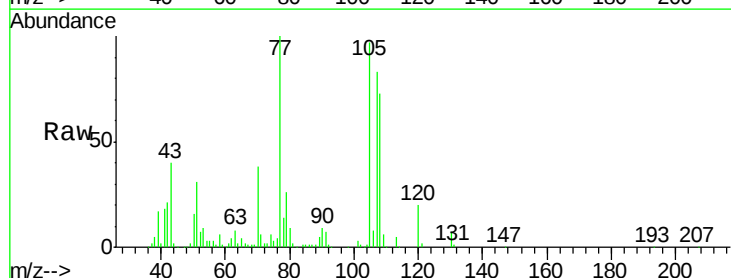
Ion Ratio Lower Upper

105 100

71 6.5 5.3 7.9

51 32.0 18.2 27.4#

120 20.5 18.0 27.0

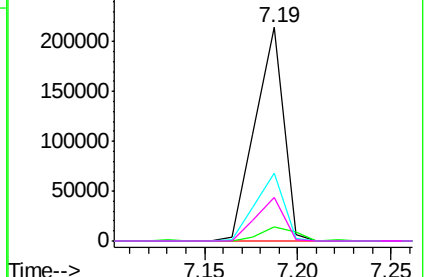
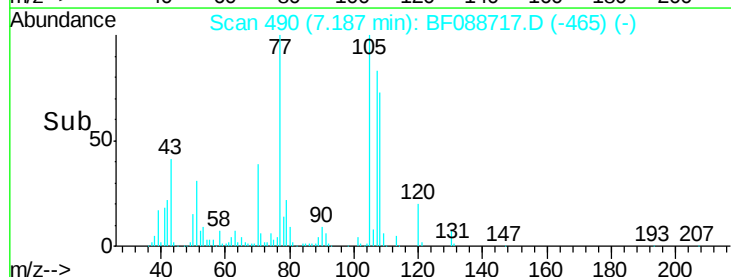


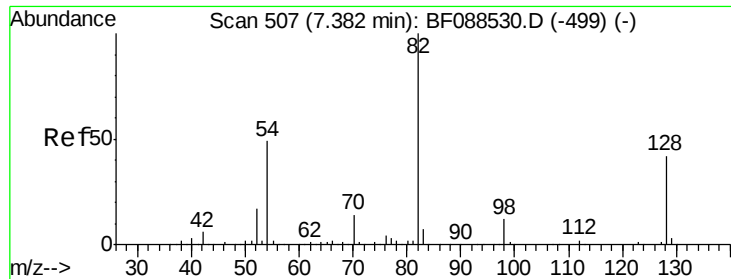
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

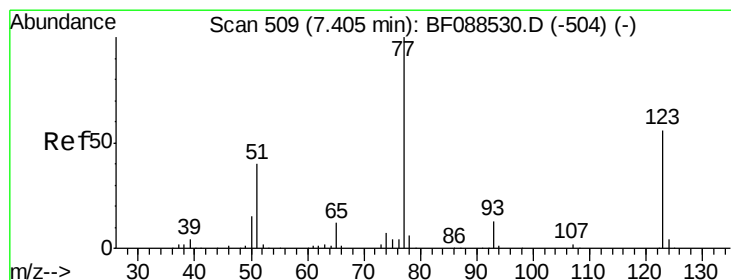
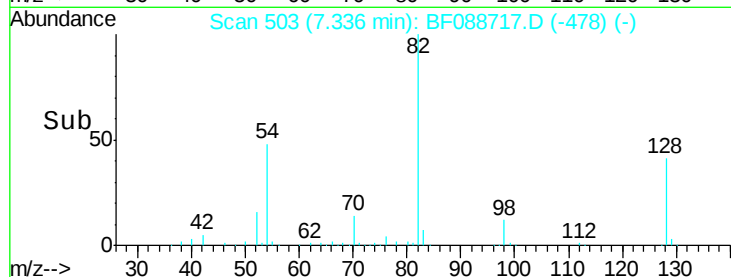
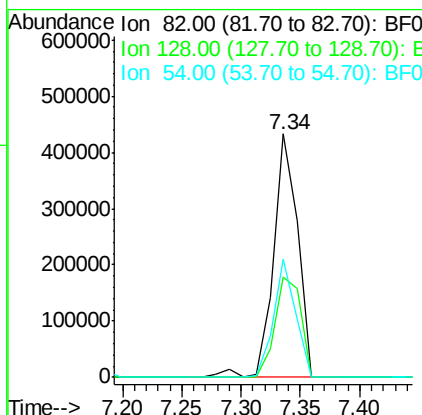
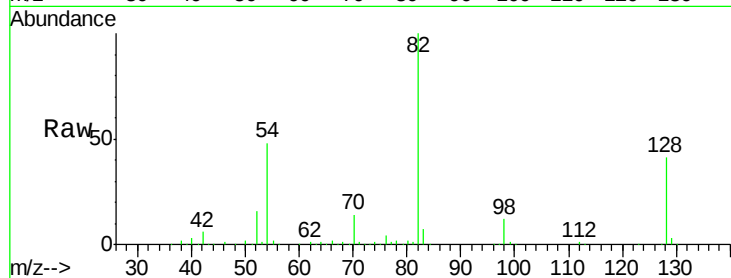




#23
 Nitrobenzene-d5
 Concen: 79.30 ng
 RT: 7.34 min Scan# 503
 Delta R.T. -0.01 min
 Lab File: BF088717.D
 Acq: 5 Jul 2016 22:09

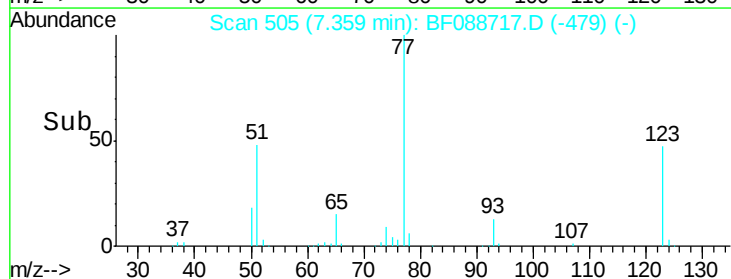
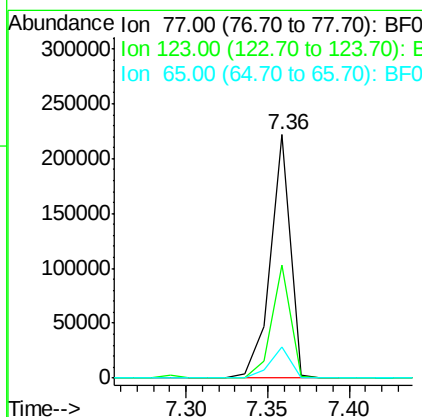
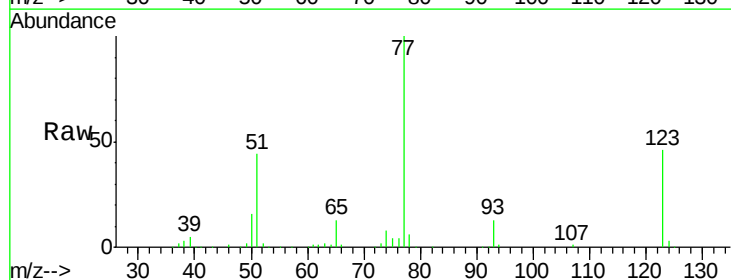
Instrument :
 BNA_F
 ClientSampleId :
 C1.2-6MSD

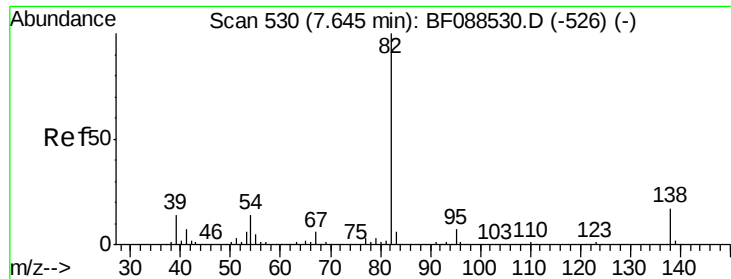
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.1	35.9	53.9
54	48.3	40.9	61.3



#24
 Nitrobenzene
 Concen: 24.62 ng
 RT: 7.36 min Scan# 505
 Delta R.T. 0.00 min
 Lab File: BF088717.D
 Acq: 5 Jul 2016 22:09

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.3	45.0	67.4
65	12.9	10.2	15.2





#25

Isophorone

Concen: 23.28 ng

RT: 7.60 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

Instrument :

BNA_F

ClientSampleId :

C1.2-6MSD

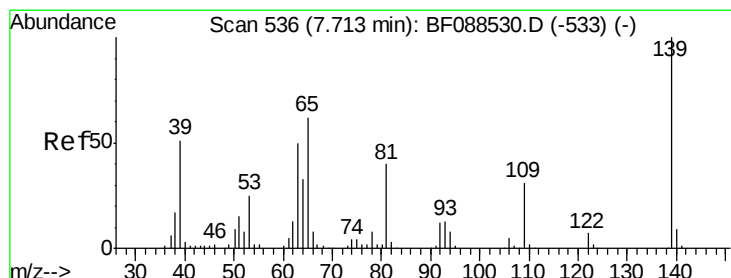
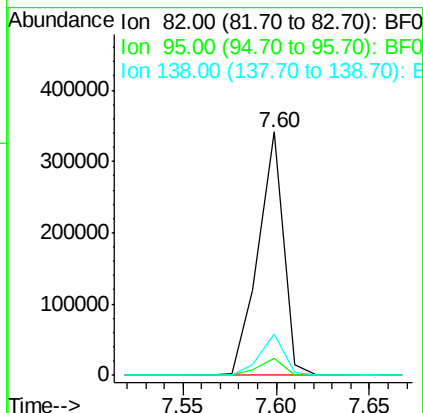
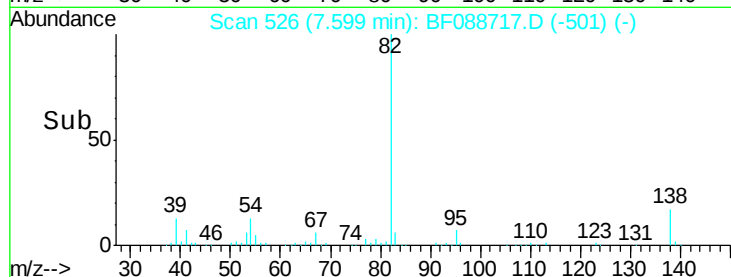
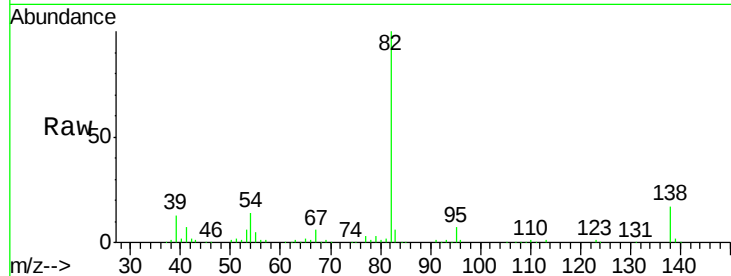
Tgt Ion: 82 Resp: 327902

Ion Ratio Lower Upper

82 100

95 7.2 5.4 8.2

138 17.0 14.6 21.8



#26

2-Nitrophenol

Concen: 26.12 ng

RT: 7.68 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

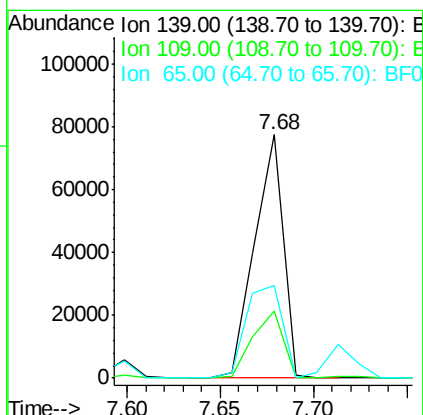
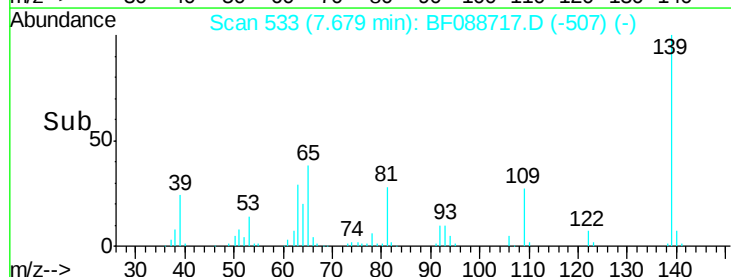
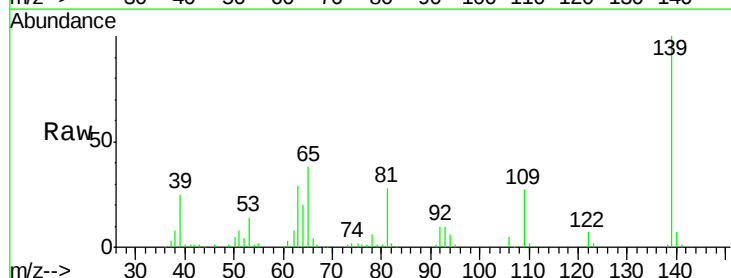
Tgt Ion: 139 Resp: 82107

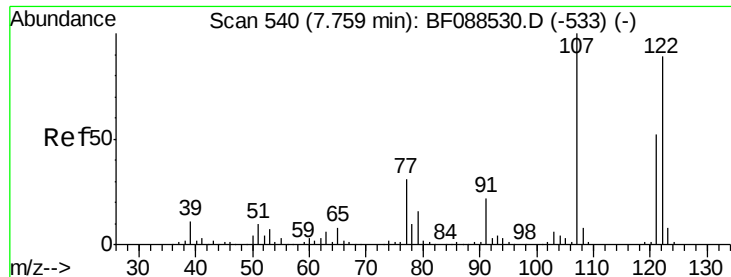
Ion Ratio Lower Upper

139 100

109 27.4 23.0 34.4

65 38.0 45.8 68.8#

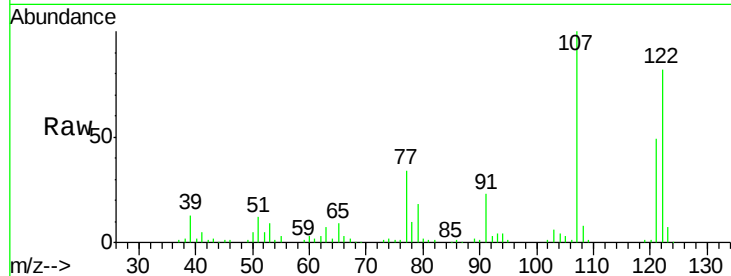




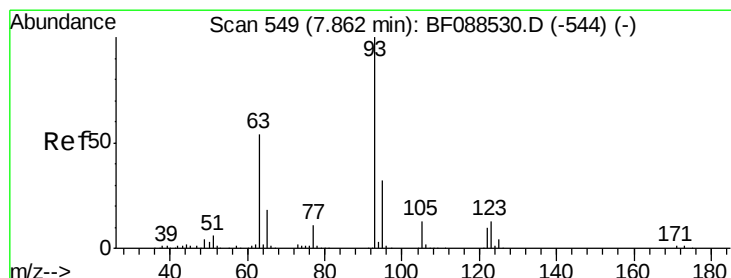
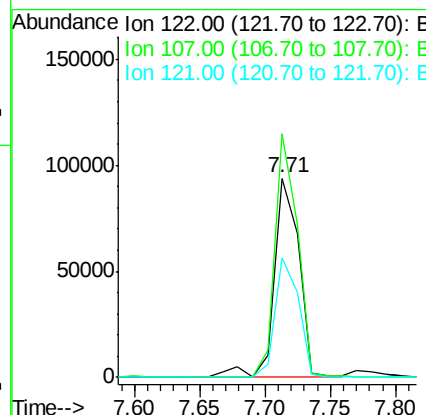
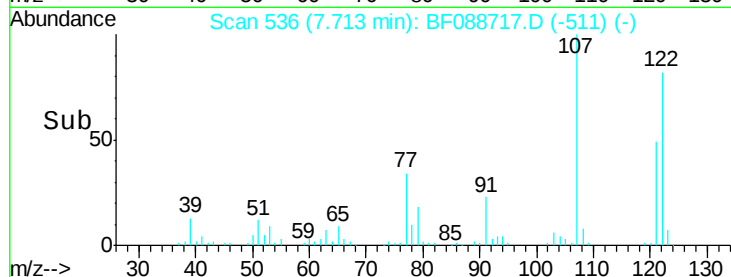
#27
2,4-Dimethylphenol
Concen: 19.24 ng
RT: 7.71 min Scan# 536
Delta R.T. -0.01 min
Lab File: BF088717.D
Acq: 5 Jul 2016 22:09

Instrument :
BNA_F
ClientSampleId :
C1.2-6MSD

Tgt Ion:122 Resp: 125996
Ion Ratio Lower Upper
122 100
107 122.4 82.4 123.6
121 59.8 46.3 69.5

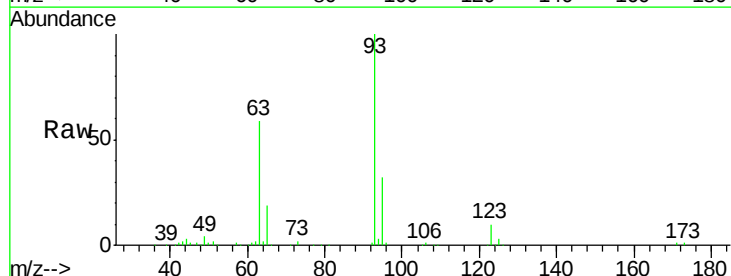


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

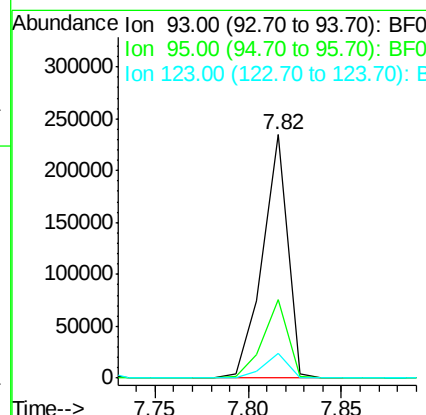
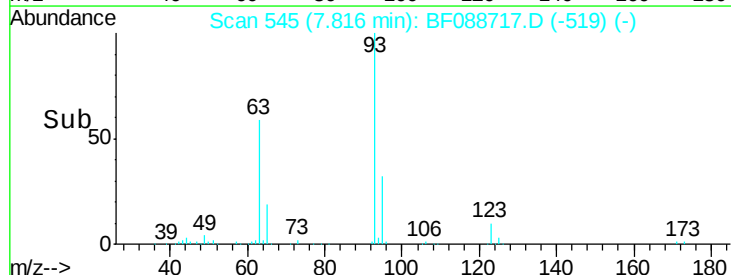


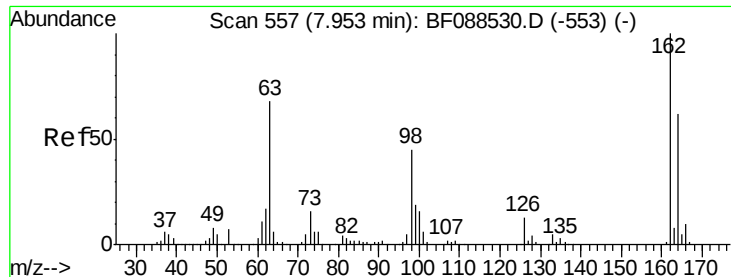
#28
bis(2-Chloroethoxy)methane
Concen: 23.71 ng
RT: 7.82 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF088717.D
Acq: 5 Jul 2016 22:09

Tgt Ion: 93 Resp: 217321
Ion Ratio Lower Upper
93 100
95 32.4 26.5 39.7
123 10.1 11.6 17.4#



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E

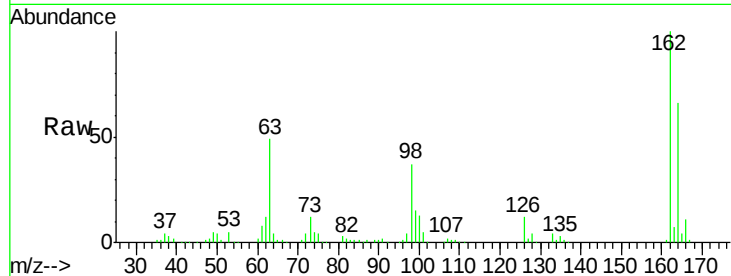




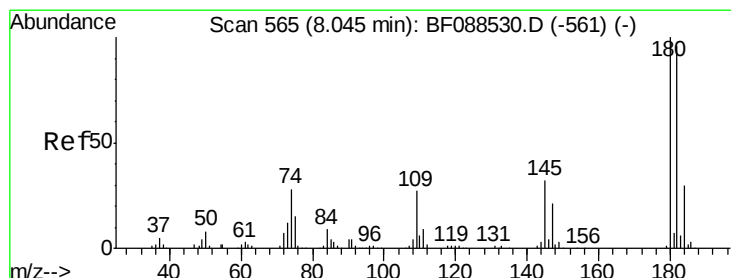
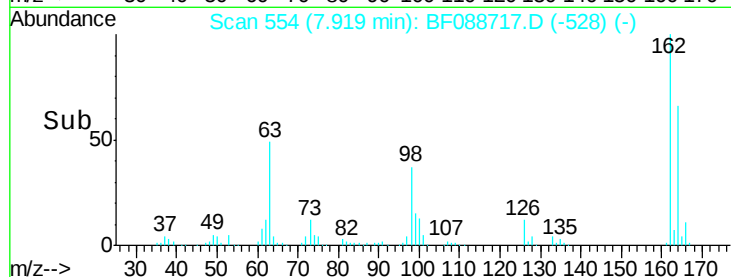
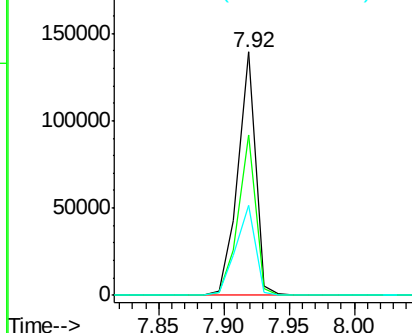
#29
 2,4-Dichlorophenol
 Concen: 24.81 ng
 RT: 7.92 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: BF088717.D
 Acq: 5 Jul 2016 22:09

Instrument :
 BNA_F
 ClientSampleId :
 C1.2-6MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.8	43.8	83.8
98	37.2	21.3	61.3

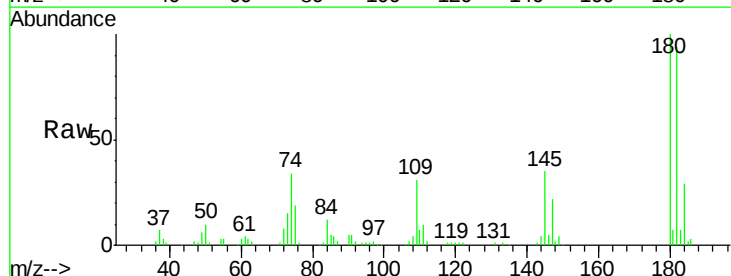


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

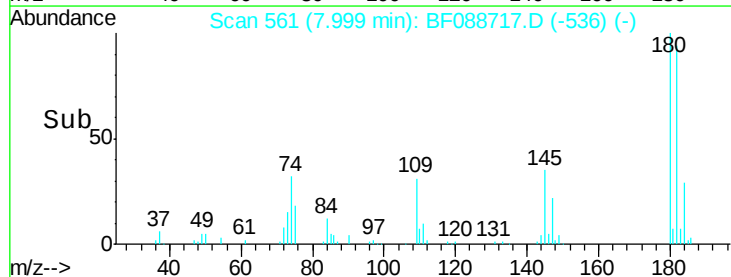
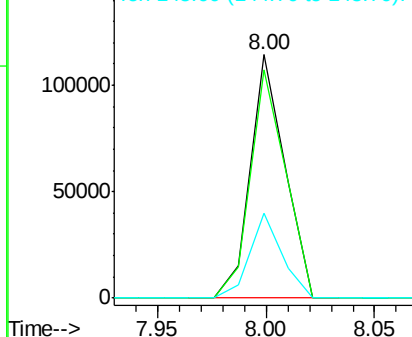


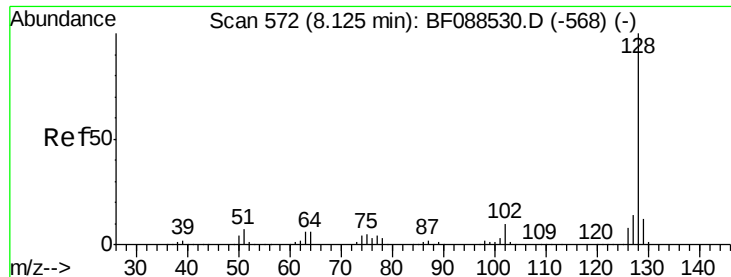
#30
 1,2,4-Trichlorobenzene
 Concen: 21.77 ng
 RT: 8.00 min Scan# 561
 Delta R.T. -0.01 min
 Lab File: BF088717.D
 Acq: 5 Jul 2016 22:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	76.0	114.0
145	34.6	26.5	39.7



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

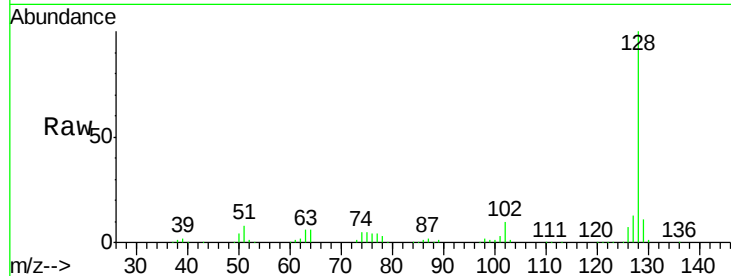




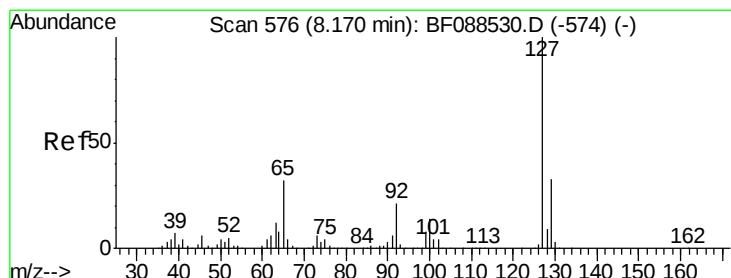
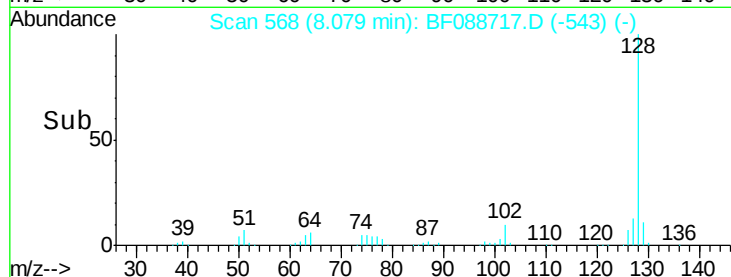
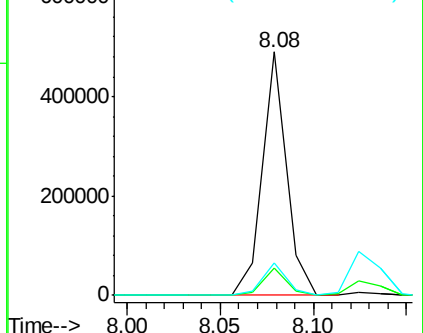
#31
Naphthalene
Concen: 22.22 ng
RT: 8.08 min Scan# 568
Delta R.T. -0.01 min
Lab File: BF088717.D
Acq: 5 Jul 2016 22:09

Instrument :
BNA_F
ClientSampleId :
C1.2-6MSD

Tgt Ion:128 Resp: 436485
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.2
127 13.3 10.9 16.3

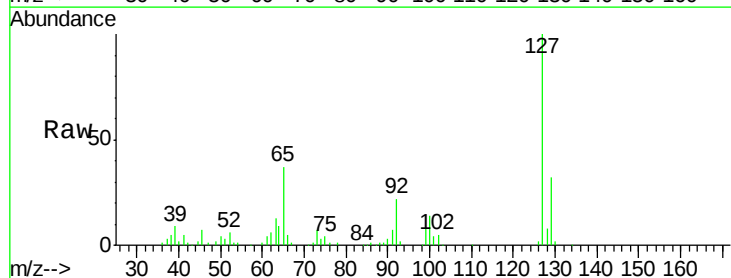


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

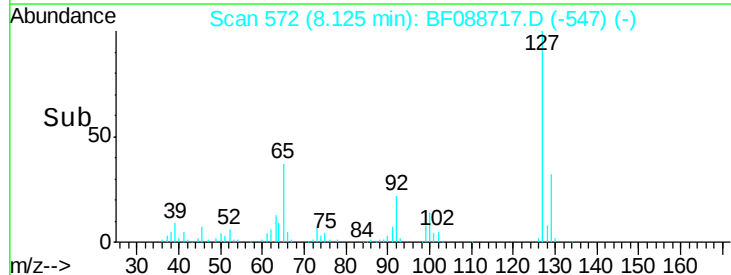
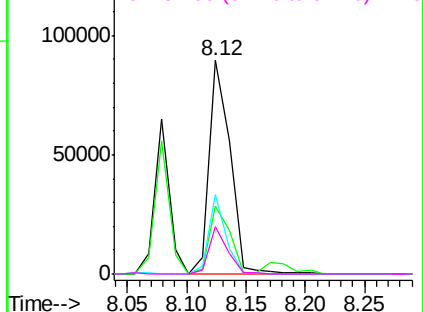


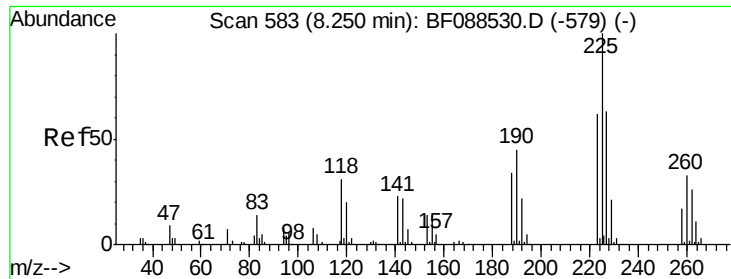
#33
4-Chloroaniline
Concen: 12.46 ng
RT: 8.12 min Scan# 572
Delta R.T. -0.01 min
Lab File: BF088717.D
Acq: 5 Jul 2016 22:09

Tgt Ion:127 Resp: 108939
Ion Ratio Lower Upper
127 100
129 31.7 26.3 39.5
65 37.2 24.7 37.1#
92 22.2 15.4 23.0



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

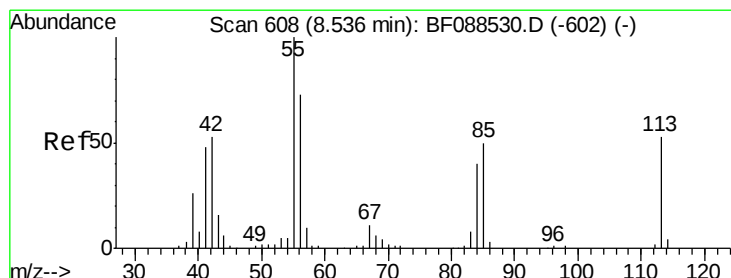
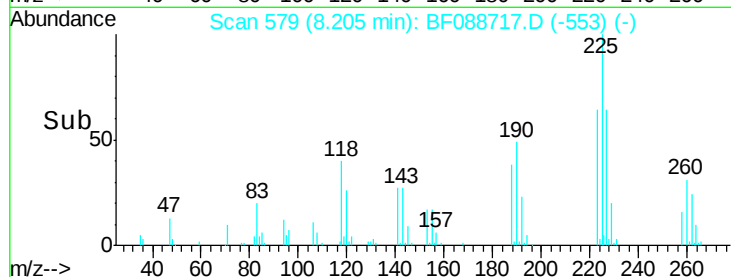
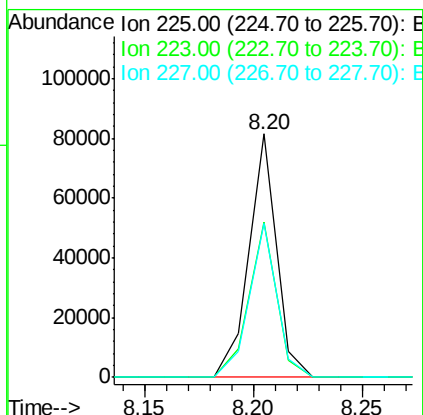
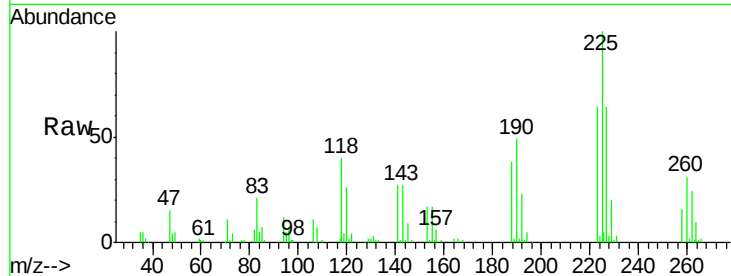




#34
Hexachlorobutadiene
Concen: 23.21 ng
RT: 8.20 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF088717.D
Acq: 5 Jul 2016 22:09

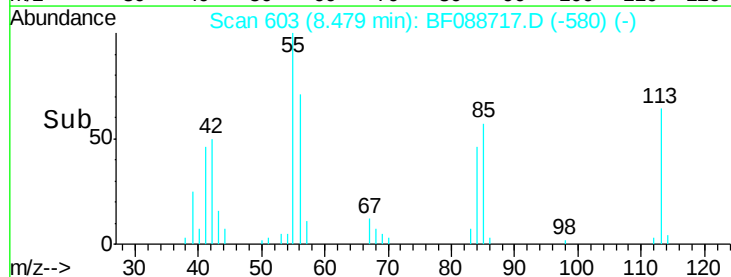
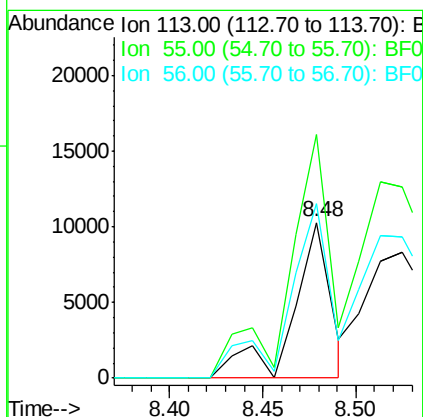
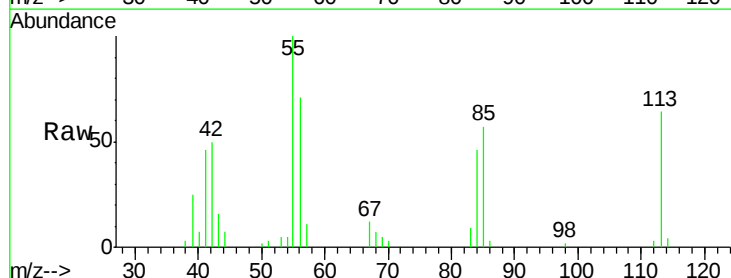
Instrument :
BNA_F
ClientSampleId :
C1.2-6MSD

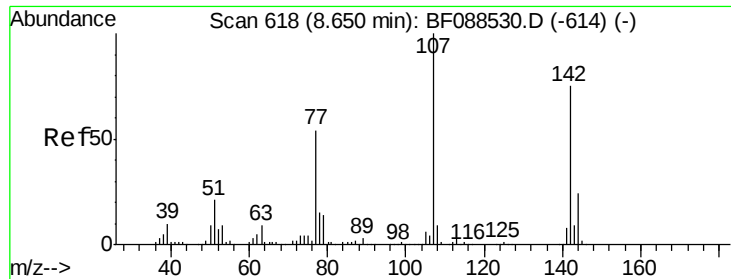
Tgt Ion:225 Resp: 72165
Ion Ratio Lower Upper
225 100
223 63.6 50.9 76.3
227 63.5 51.9 77.9



#35
Caprolactam
Concen: 8.07 ng
RT: 8.48 min Scan# 603
Delta R.T. -0.03 min
Lab File: BF088717.D
Acq: 5 Jul 2016 22:09

Tgt Ion:113 Resp: 14496
Ion Ratio Lower Upper
113 100
55 156.7 158.6 198.6#
56 112.0 110.6 150.6

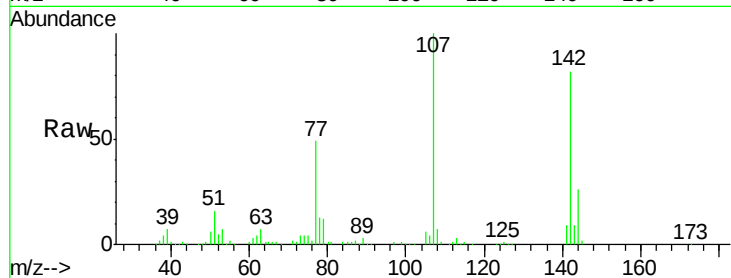




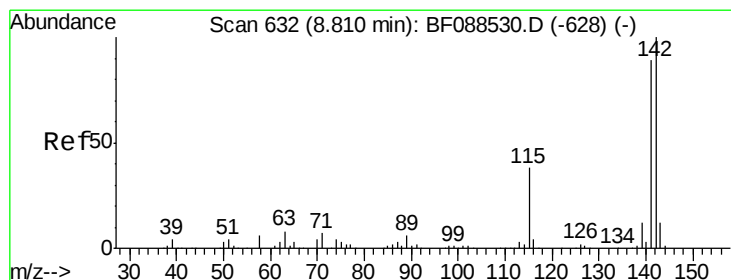
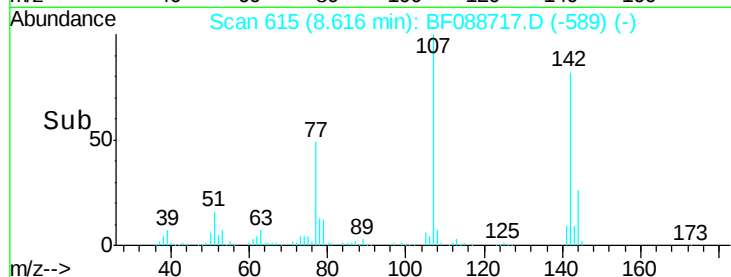
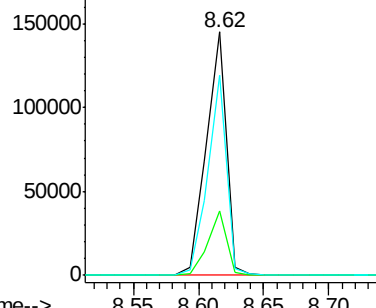
#36
4-Chloro-3-methylphenol
Concen: 24.65 ng
RT: 8.62 min Scan# 615
Delta R.T. 0.00 min
Lab File: BF088717.D
Acq: 5 Jul 2016 22:09

Instrument :
BNA_F
ClientSampleId :
C1.2-6MSD

Tgt Ion:107 Resp: 154225
Ion Ratio Lower Upper
107 100
144 26.2 20.8 31.2
142 82.4 63.4 95.2

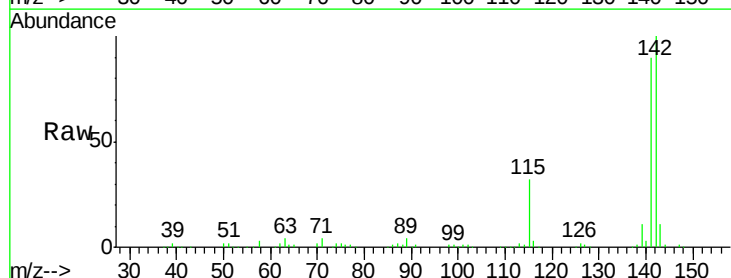


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

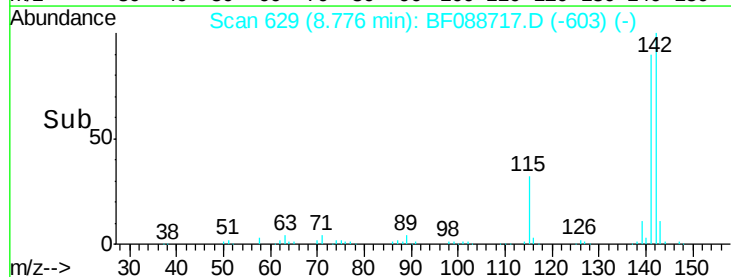
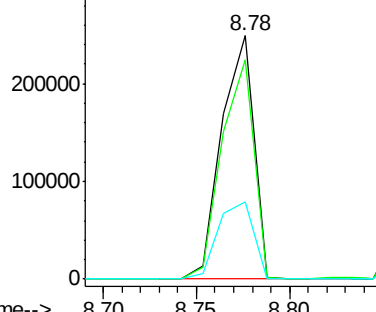


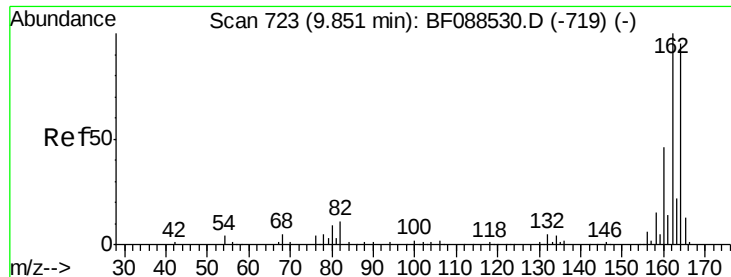
#37
2-Methylnaphthalene
Concen: 23.51 ng
RT: 8.78 min Scan# 629
Delta R.T. 0.00 min
Lab File: BF088717.D
Acq: 5 Jul 2016 22:09

Tgt Ion:142 Resp: 297372
Ion Ratio Lower Upper
142 100
141 90.3 71.0 106.6
115 32.0 22.6 33.8



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.80 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

Instrument :

BNA_F

ClientSampleId :

C1.2-6MSD

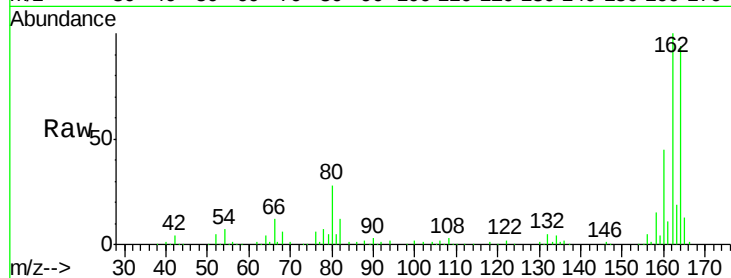
Tgt Ion:164 Resp: 189133

Ion Ratio Lower Upper

164 100

162 106.0 85.4 128.2

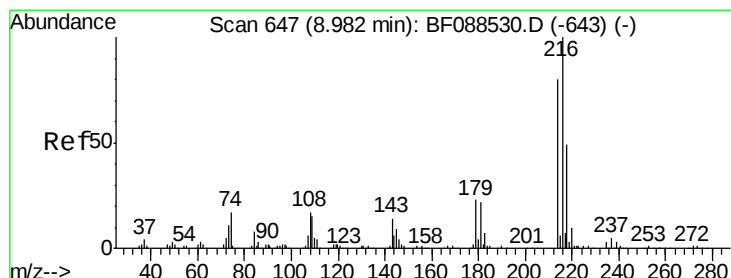
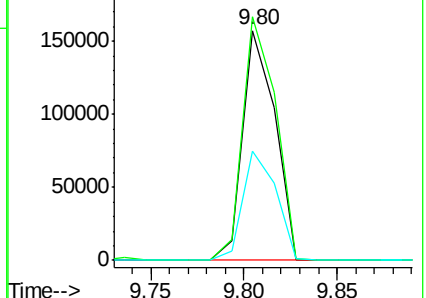
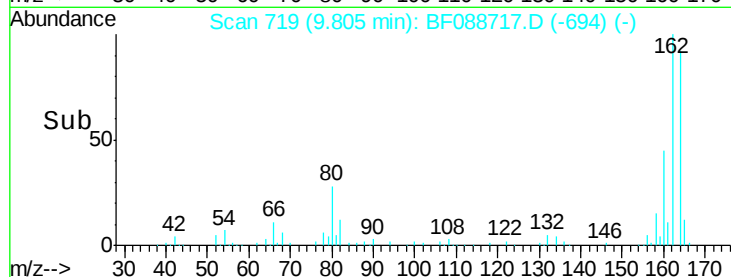
160 47.5 39.5 59.3



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: 19.03 ng

RT: 8.94 min Scan# 643

Delta R.T. -0.01 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

Tgt Ion:216 Resp: 119715

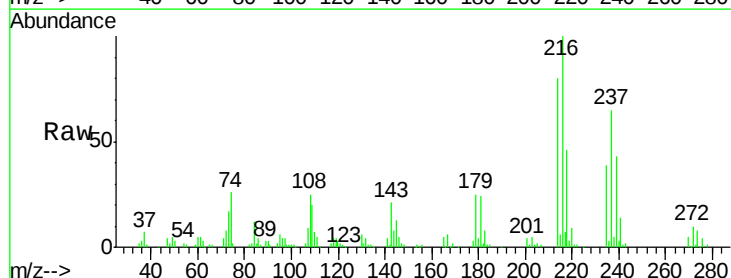
Ion Ratio Lower Upper

216 100

214 79.2 2.9 4.3#

179 23.6 0.0 0.0#

108 26.8 0.5 0.7#

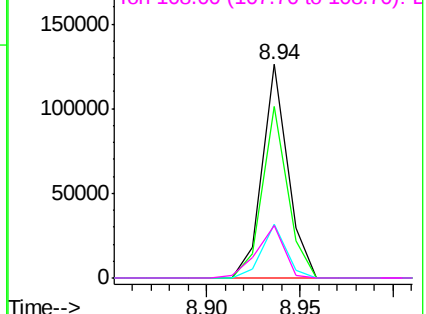
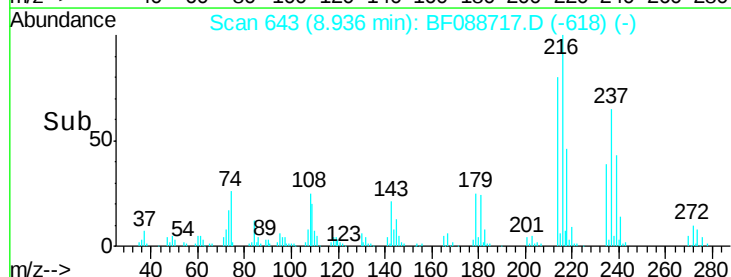


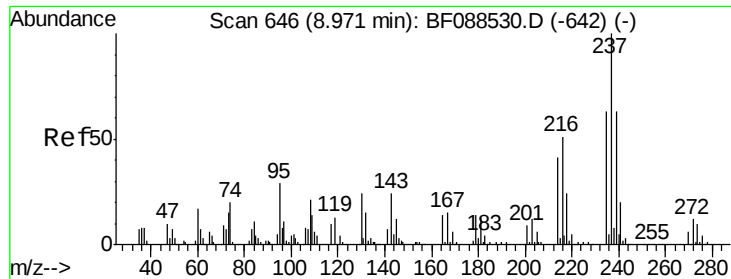
Abundance Ion 216.00 (215.70 to 216.70): E

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

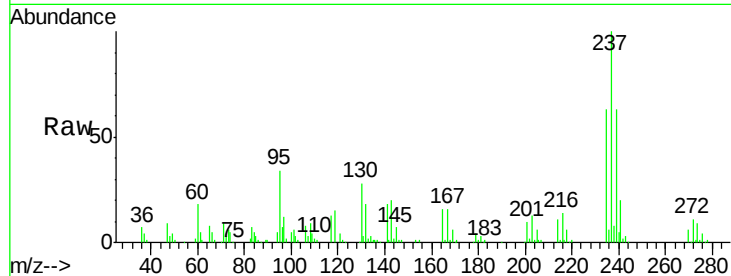




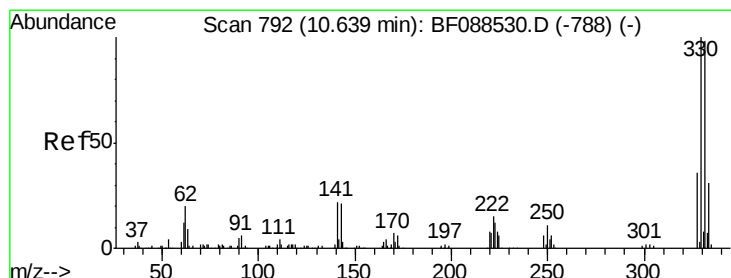
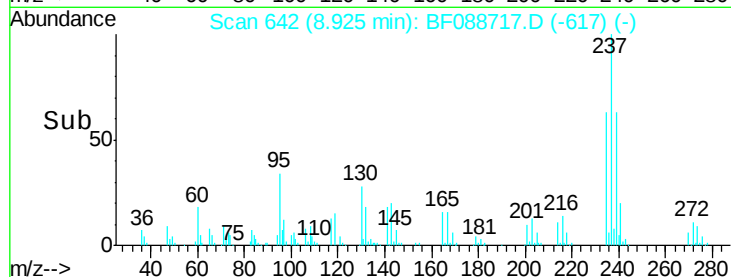
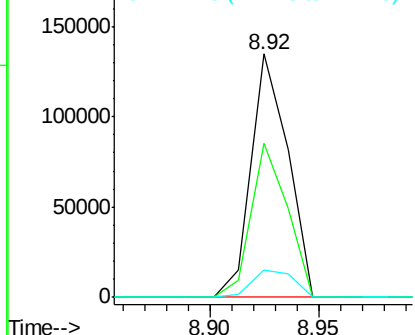
#40
Hexachlorocyclopentadiene
Concen: 51.36 ng
RT: 8.92 min Scan# 642
Delta R.T. -0.01 min
Lab File: BF088717.D
Acq: 5 Jul 2016 22:09

Instrument :
BNA_F
ClientSampleId :
C1.2-6MSD

Tgt Ion: 237 Resp: 158580
Ion Ratio Lower Upper
237 100
235 63.1 43.4 83.4
272 11.3 0.0 32.3

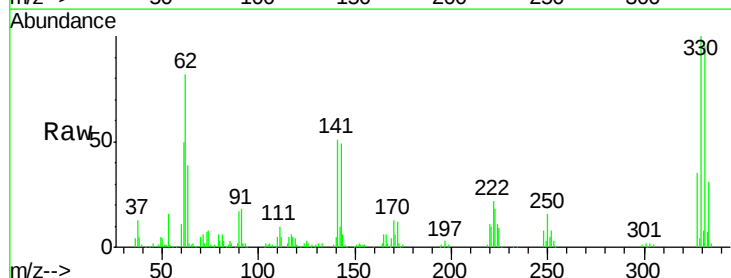


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

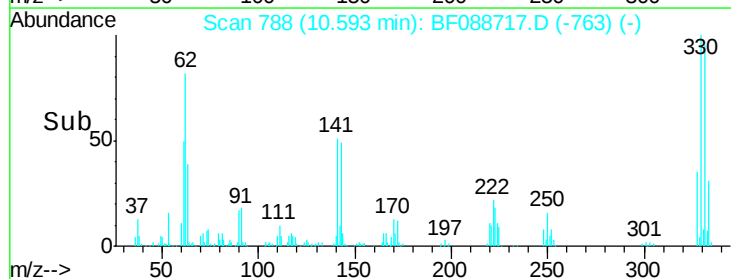
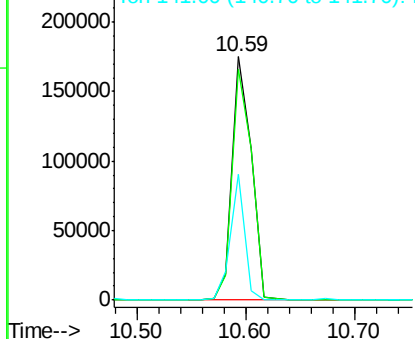


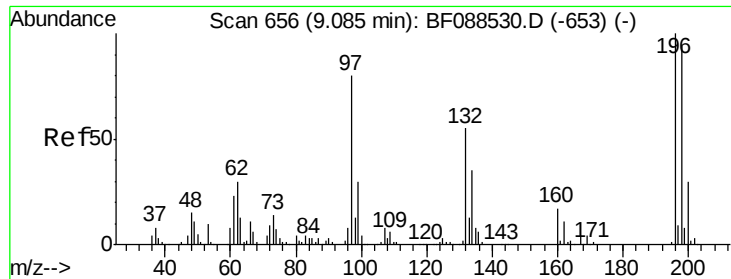
#41
2,4,6-Tribromophenol
Concen: 120.49 ng
RT: 10.59 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF088717.D
Acq: 5 Jul 2016 22:09

Tgt Ion: 330 Resp: 211618
Ion Ratio Lower Upper
330 100
332 96.9 0.0 0.0#
141 38.8 0.0 0.0#



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

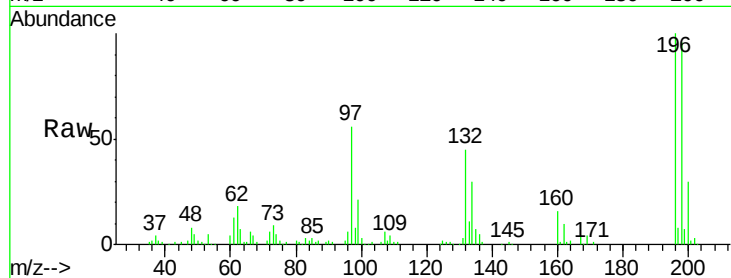




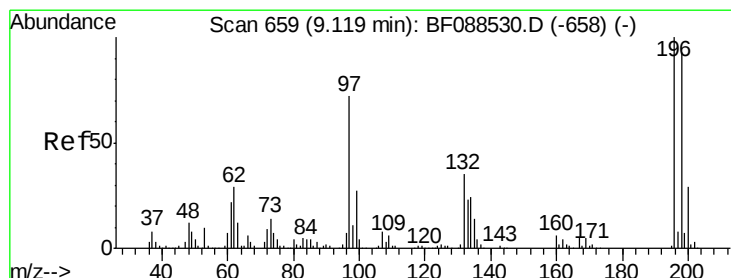
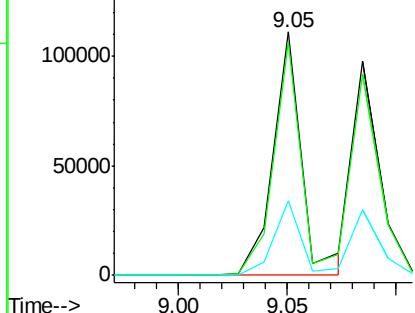
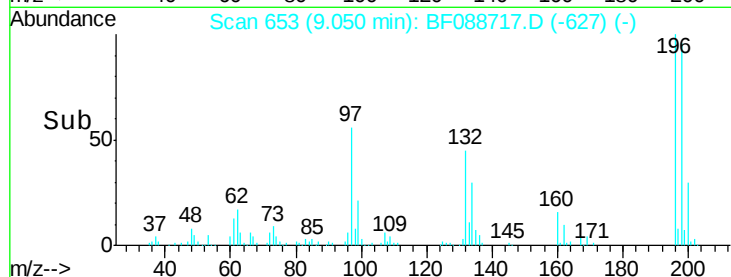
#42
 2,4,6-Trichlorophenol
 Concen: 24.75 ng
 RT: 9.05 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF088717.D
 Acq: 5 Jul 2016 22:09

Instrument :
 BNA_F
 ClientSampleId :
 C1.2-6MSD

Tgt Ion:196 Resp: 102658
 Ion Ratio Lower Upper
 196 100
 198 95.8 78.0 117.0
 200 30.5 25.4 38.2

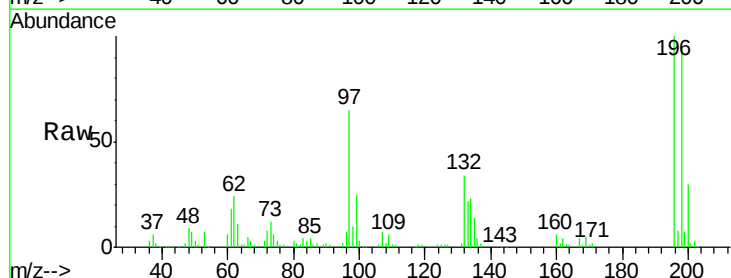


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

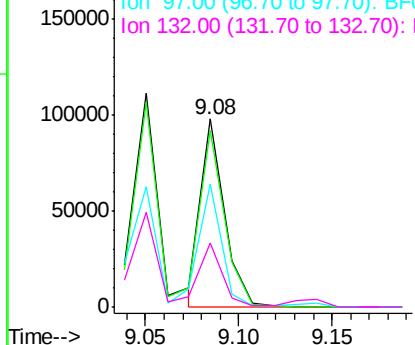
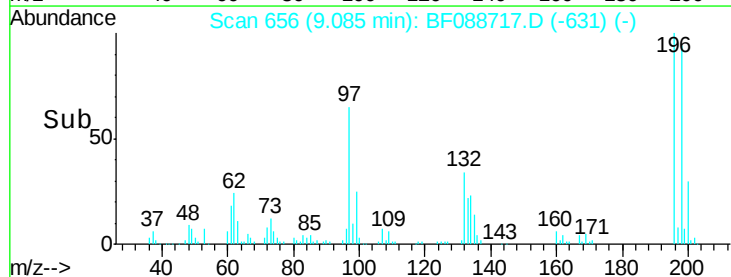


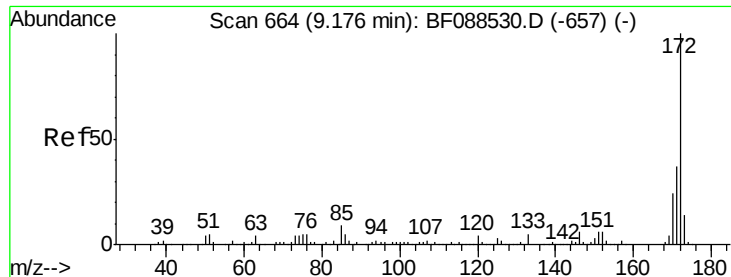
#43
 2,4,5-Trichlorophenol
 Concen: 23.86 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: BF088717.D
 Acq: 5 Jul 2016 22:09

Tgt Ion:196 Resp: 85144
 Ion Ratio Lower Upper
 196 100
 198 94.0 77.5 116.3
 97 65.2 32.0 48.0#
 132 33.8 20.9 31.3#



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

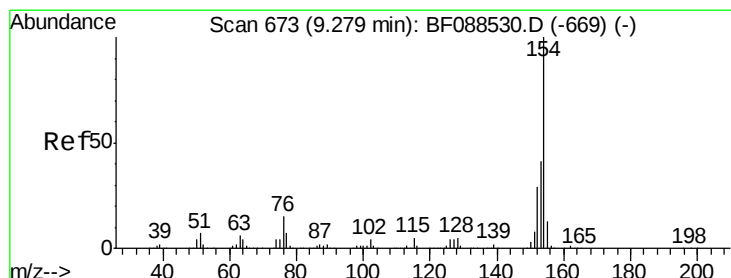
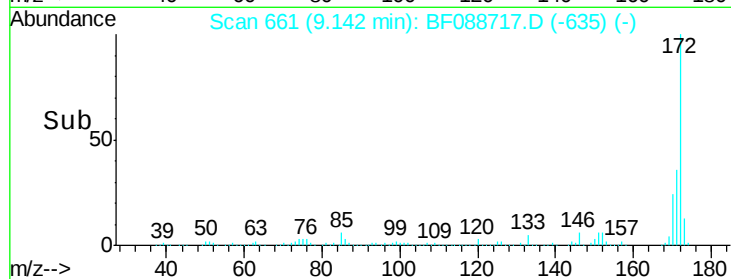
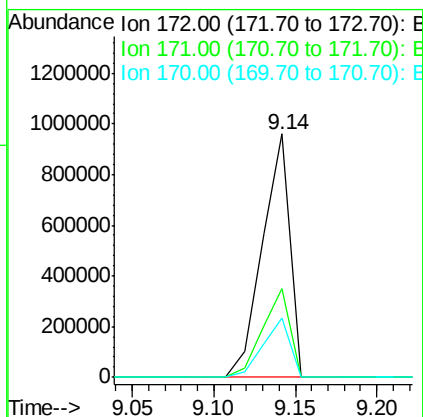
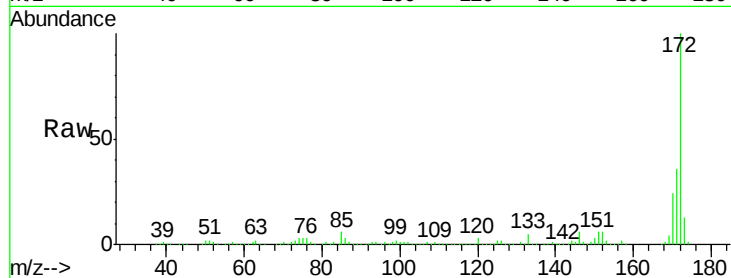




#44
 2-Fluorobiphenyl
 Concen: 93.43 ng
 RT: 9.14 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF088717.D
 Acq: 5 Jul 2016 22:09

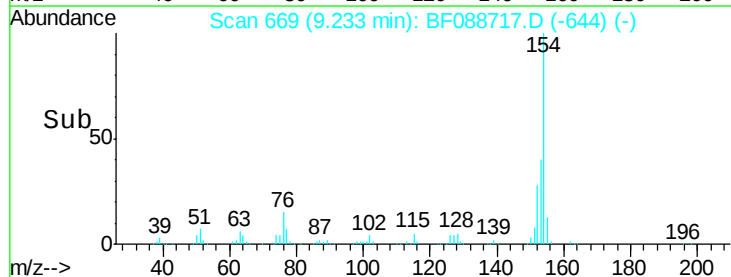
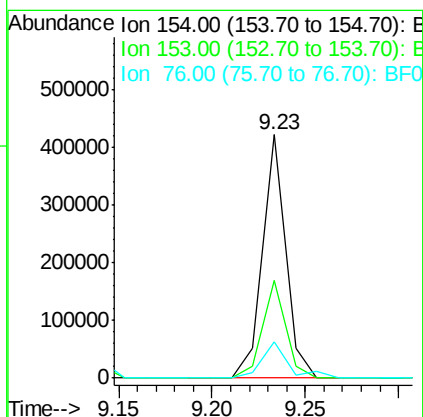
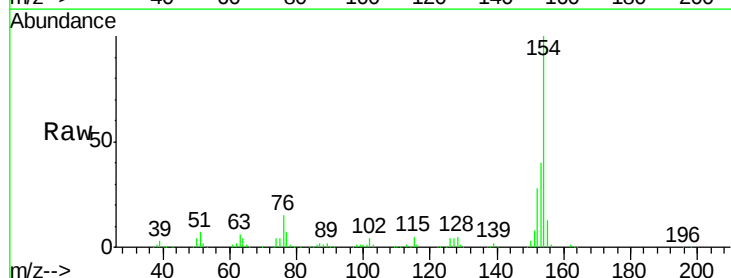
Instrument :
 BNA_F
 ClientSampleId :
 C1.2-6MSD

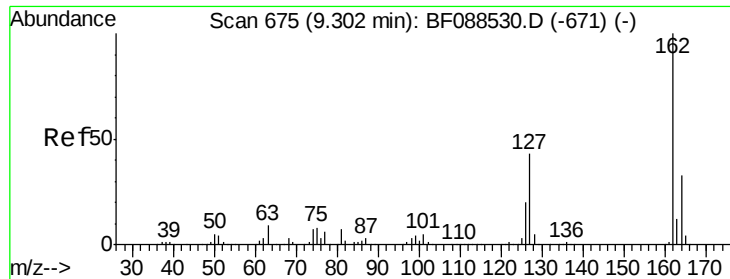
Tgt Ion:172 Resp: 1118705
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.6 43.0
 170 24.4 19.2 28.8



#45
 1,1'-Biphenyl
 Concen: 23.06 ng
 RT: 9.23 min Scan# 669
 Delta R.T. -0.01 min
 Lab File: BF088717.D
 Acq: 5 Jul 2016 22:09

Tgt Ion:154 Resp: 361195
 Ion Ratio Lower Upper
 154 100
 153 40.4 20.6 60.6
 76 14.9 0.0 35.1

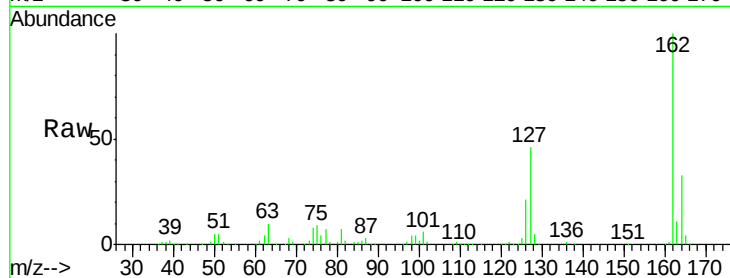




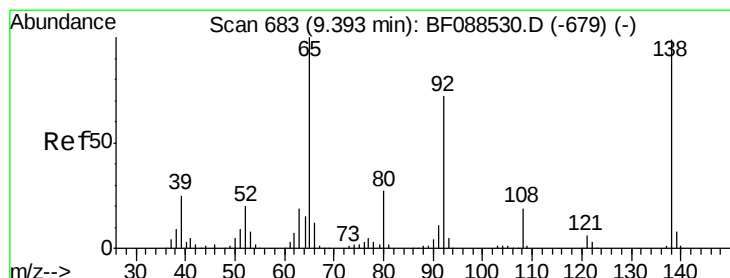
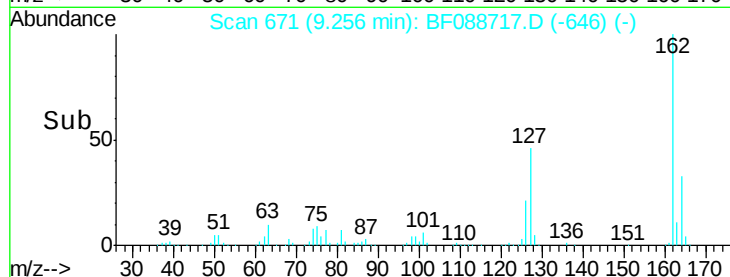
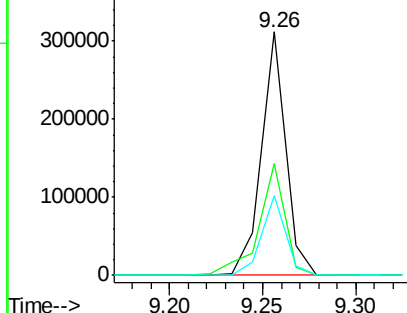
#46
 2-Chloronaphthalene
 Concen: 22.69 ng
 RT: 9.26 min Scan# 671
 Delta R.T. -0.01 min
 Lab File: BF088717.D
 Acq: 5 Jul 2016 22:09

Instrument :
 BNA_F
 ClientSampleId :
 C1.2-6MSD

Tgt Ion: 162 Resp: 278976
 Ion Ratio Lower Upper
 162 100
 127 45.8 35.2 52.8
 164 32.7 26.6 39.8

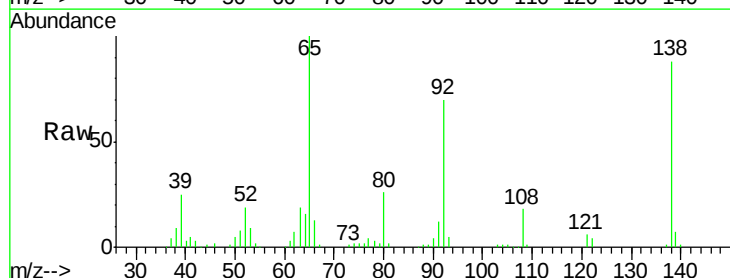


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

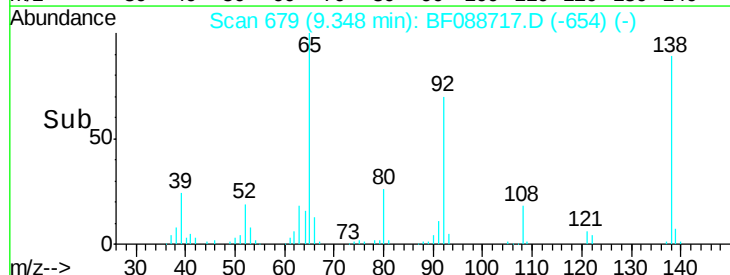
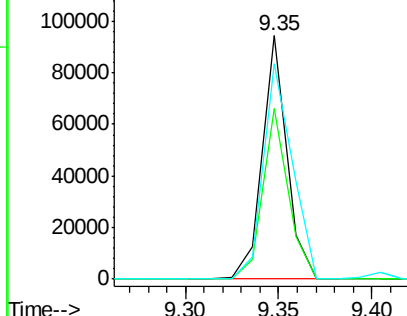


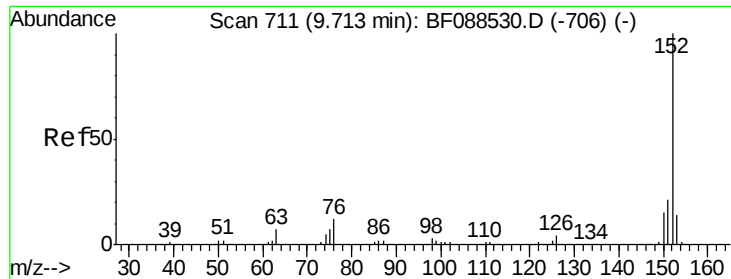
#47
 2-Nitroaniline
 Concen: 19.54 ng
 RT: 9.35 min Scan# 679
 Delta R.T. -0.01 min
 Lab File: BF088717.D
 Acq: 5 Jul 2016 22:09

Tgt Ion: 65 Resp: 85281
 Ion Ratio Lower Upper
 65 100
 92 70.1 54.6 82.0
 138 88.5 77.0 115.4



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





#48

Acenaphthylene

Concen: 22.49 ng

RT: 9.67 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

Instrument :

BNA_F

ClientSampleId :

C1.2-6MSD

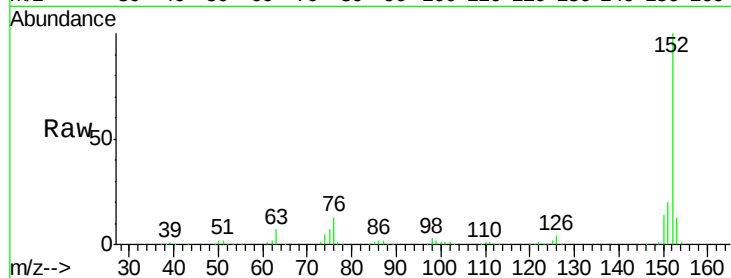
Tgt Ion:152 Resp: 439970

Ion Ratio Lower Upper

152 100

151 19.8 16.2 24.4

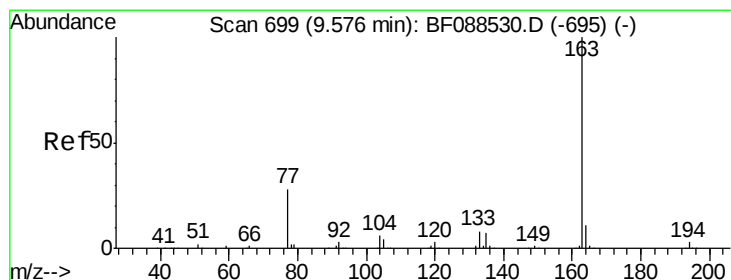
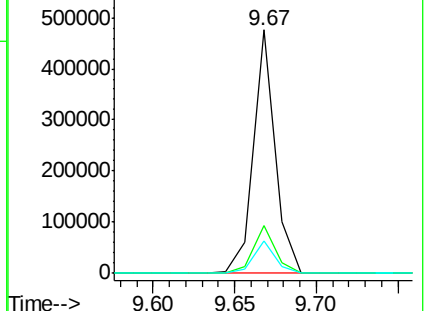
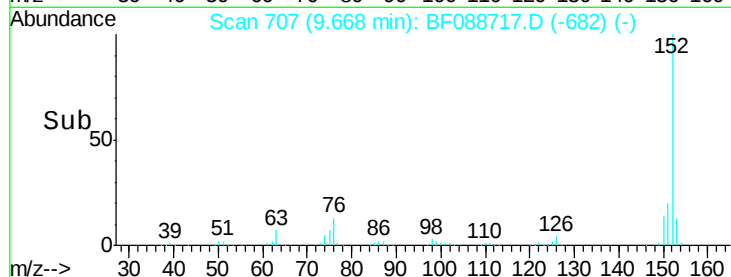
153 13.4 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 46.31 ng

RT: 9.54 min Scan# 696

Delta R.T. 0.00 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

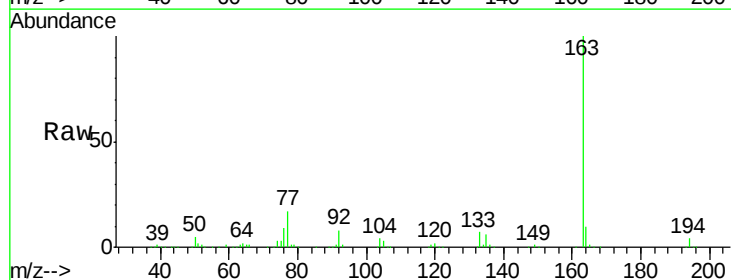
Tgt Ion:163 Resp: 624034

Ion Ratio Lower Upper

163 100

194 3.6 2.8 4.2

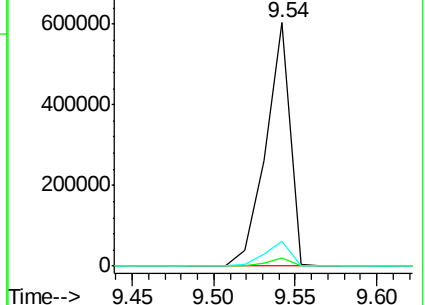
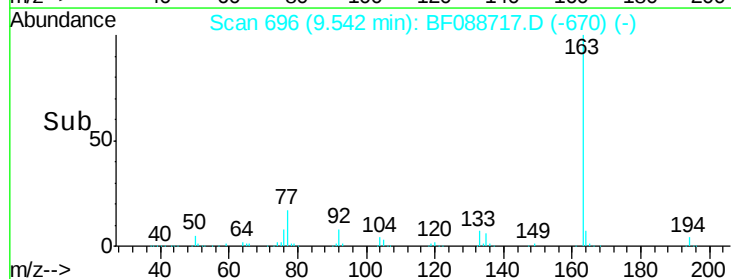
164 9.9 8.3 12.5

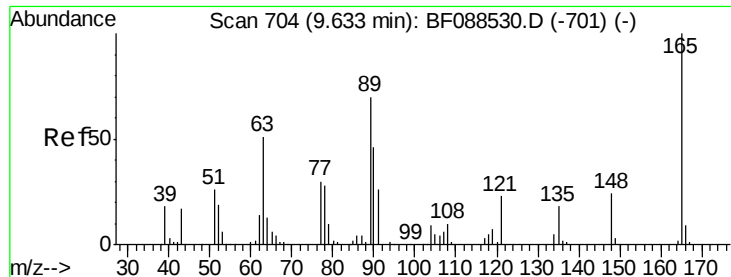


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

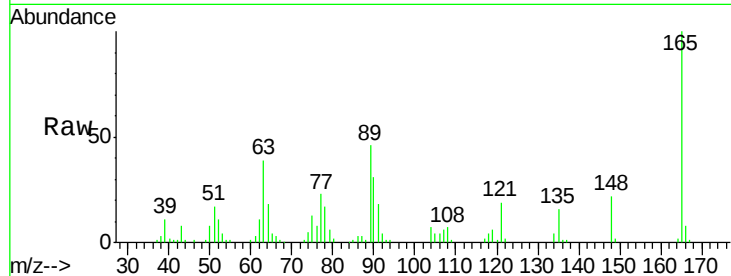




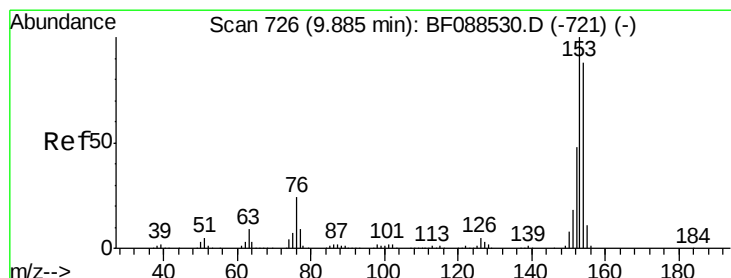
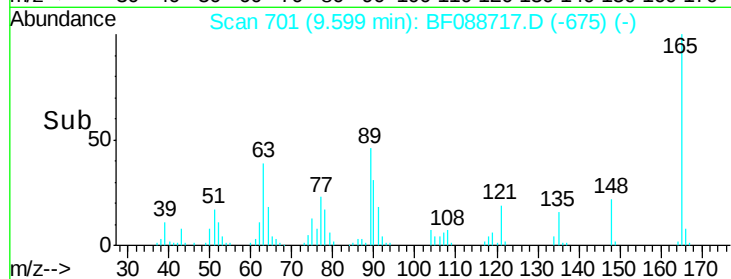
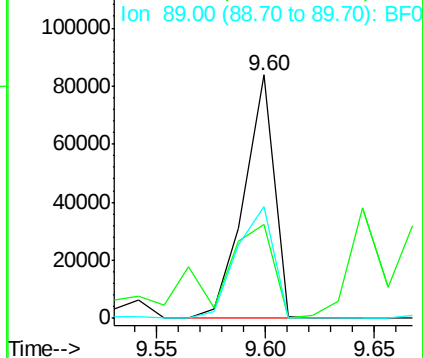
#50
2,6-Dinitrotoluene
Concen: 27.30 ng
RT: 9.60 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF088717.D
Acq: 5 Jul 2016 22:09

Instrument :
BNA_F
ClientSampleId :
C1.2-6MSD

Tgt Ion:165 Resp: 81540
Ion Ratio Lower Upper
165 100
63 38.7 28.1 42.1
89 46.1 32.2 48.2

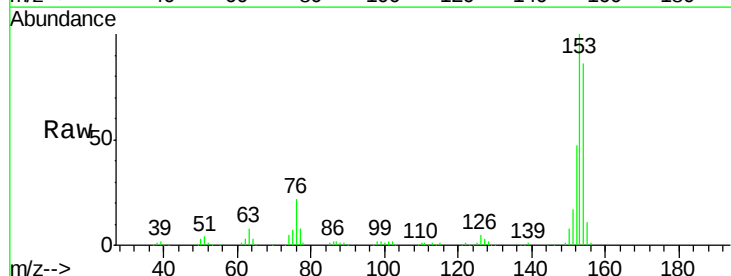


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

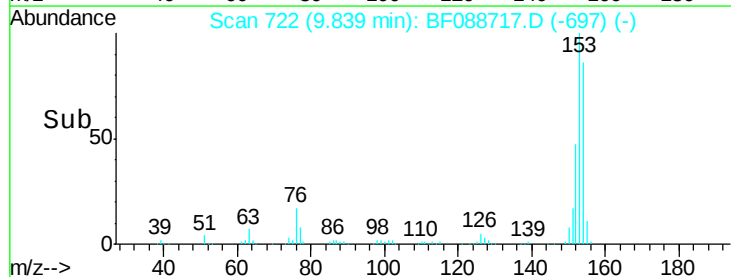
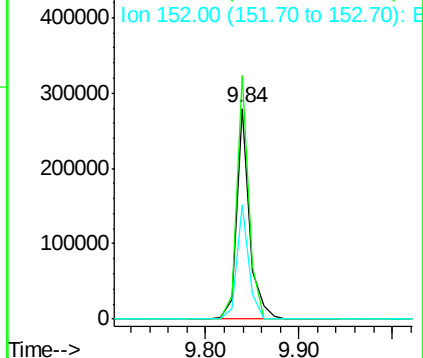


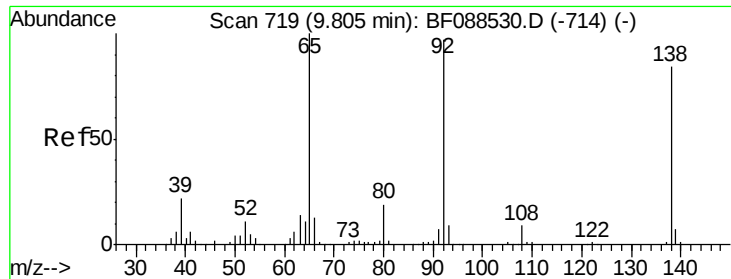
#51
Acenaphthene
Concen: 22.41 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF088717.D
Acq: 5 Jul 2016 22:09

Tgt Ion:154 Resp: 268688
Ion Ratio Lower Upper
154 100
153 115.7 89.5 134.3
152 54.0 42.7 64.1



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: 18.21 ng

RT: 9.76 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

Instrument :

BNA_F

ClientSampleId :

C1.2-6MSD

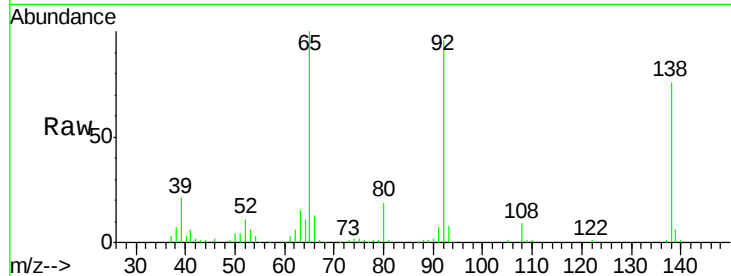
Tgt Ion:138 Resp: 69119

Ion Ratio Lower Upper

138 100

108 11.7 8.5 12.7

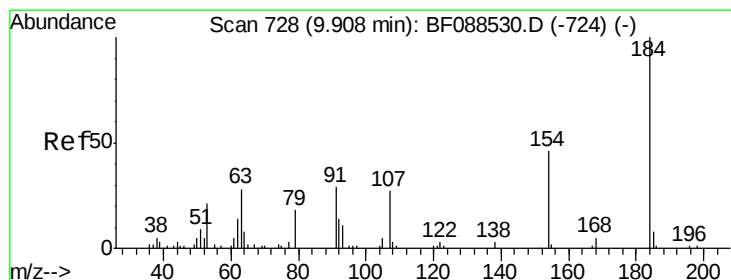
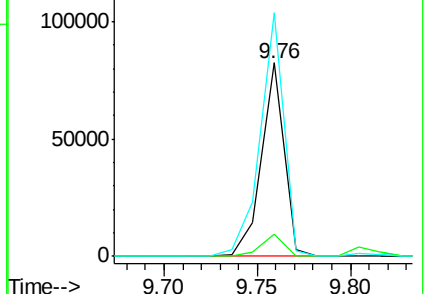
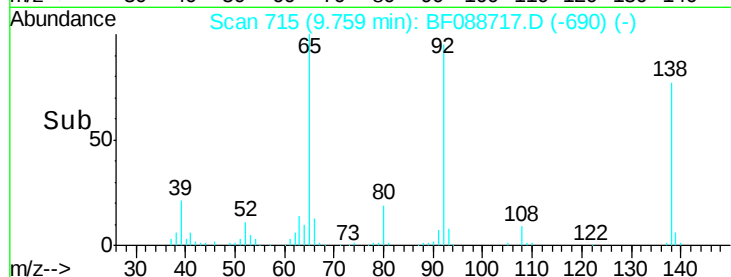
92 125.9 95.7 143.5



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: 15.35 ng

RT: 9.86 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

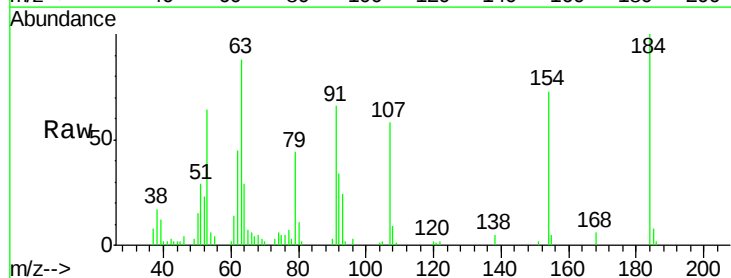
Tgt Ion:184 Resp: 20243

Ion Ratio Lower Upper

184 100

63 87.6 57.6 86.4#

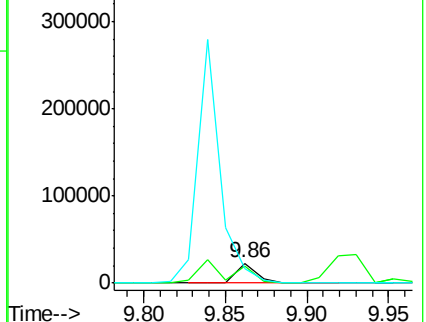
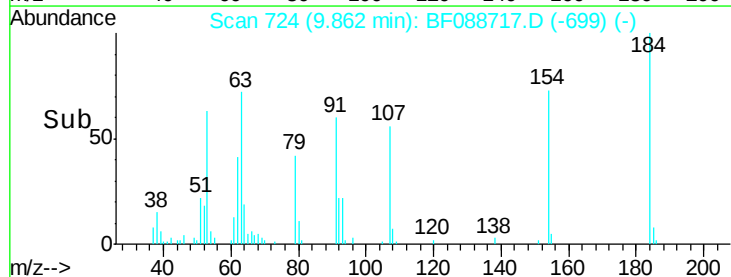
154 72.9 53.5 80.3

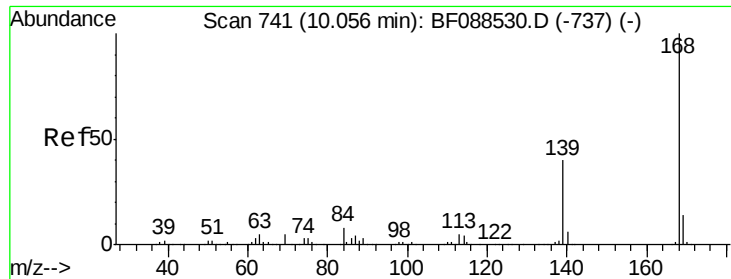


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 24.70 ng

RT: 10.01 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

Instrument :

BNA_F

ClientSampleId :

C1.2-6MSD

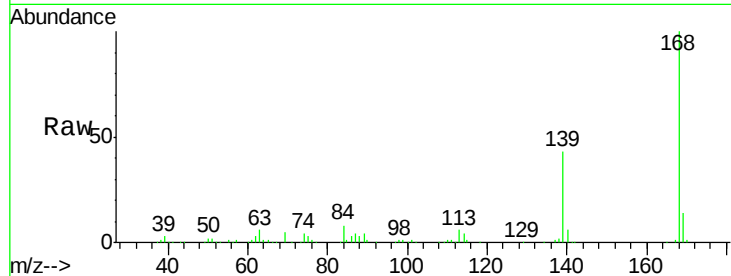
Tgt Ion:168 Resp: 387614

Ion Ratio Lower Upper

168 100

139 42.6 26.4 39.6#

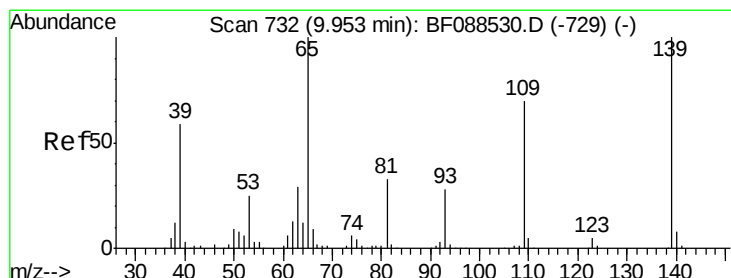
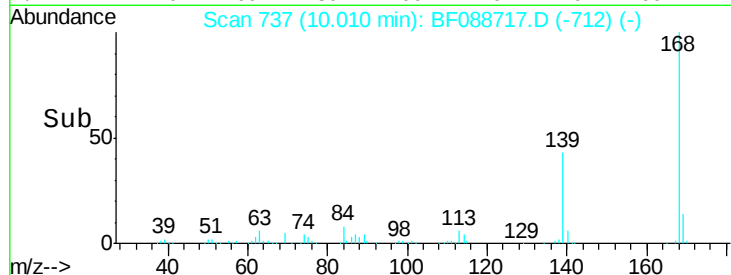
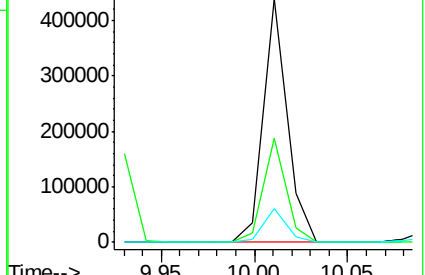
169 13.6 10.4 15.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 64.76 ng

RT: 9.93 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

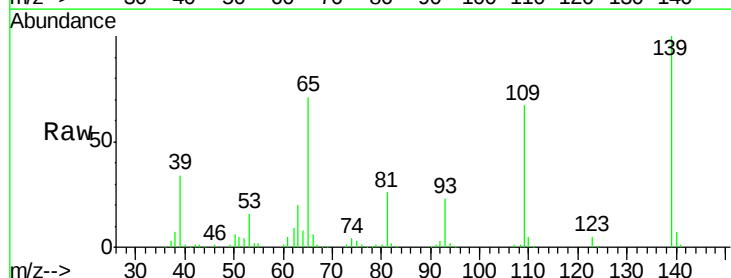
Tgt Ion:139 Resp: 186833

Ion Ratio Lower Upper

139 100

109 67.2 48.9 88.9

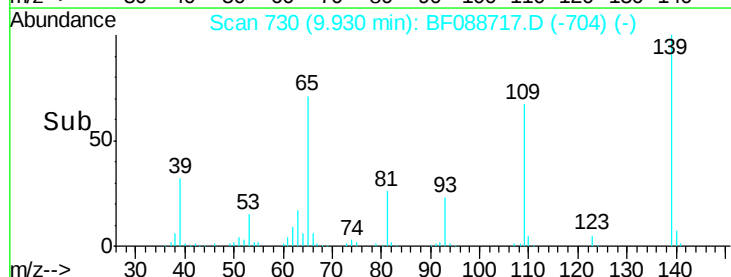
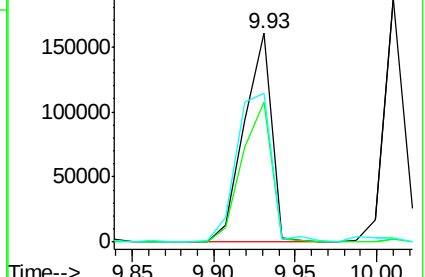
65 71.1 84.9 124.9#

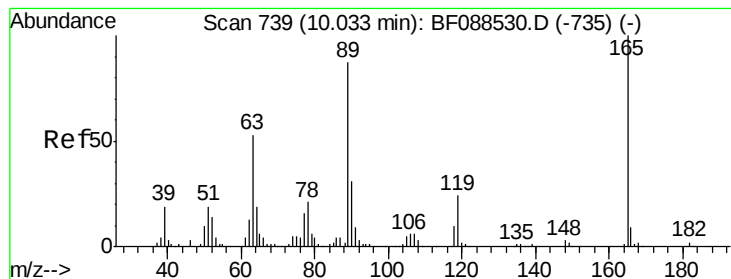


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 26.91 ng

RT: 10.00 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

Instrument :

BNA_F

ClientSampleId :

C1.2-6MSD

Tgt Ion:165 Resp: 105084

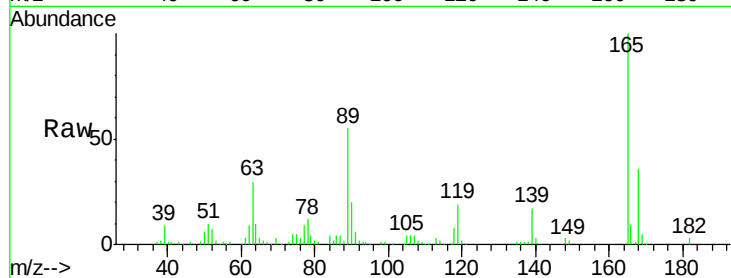
Ion Ratio Lower Upper

165 100

63 29.8 22.0 33.0

89 55.1 41.1 61.7

182 2.7 2.0 3.0

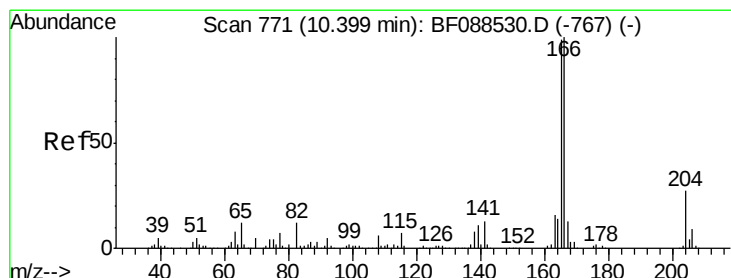
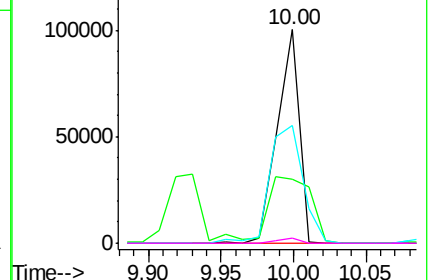
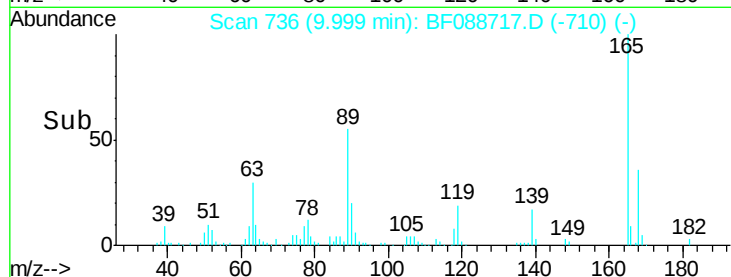


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 25.75 ng

RT: 10.35 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

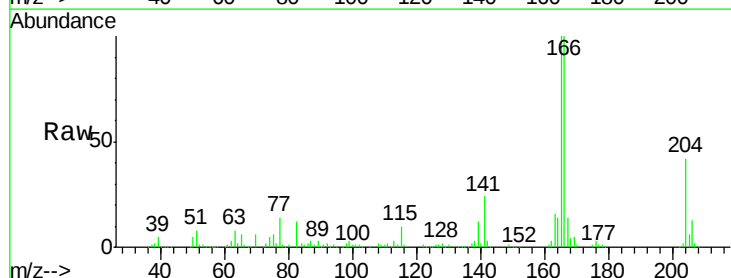
Tgt Ion:166 Resp: 311503

Ion Ratio Lower Upper

166 100

165 100.3 77.8 116.8

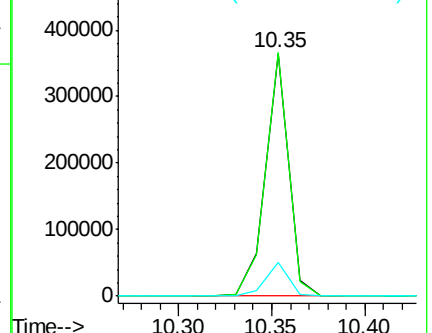
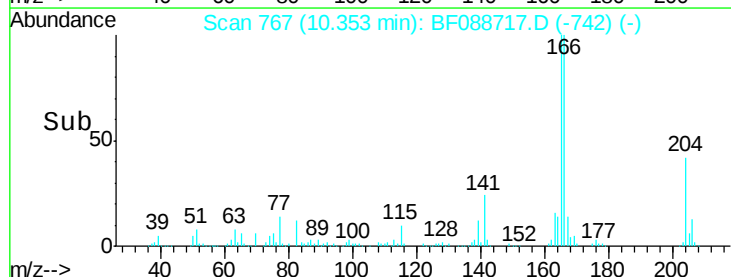
167 13.7 11.2 16.8

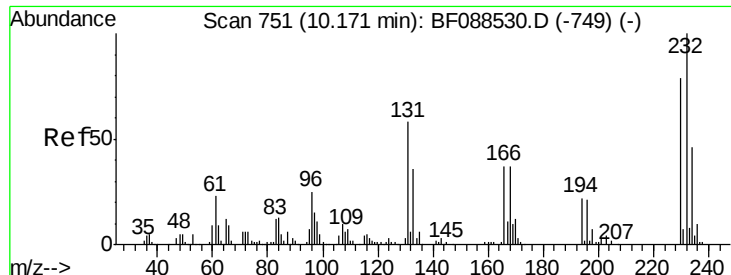


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

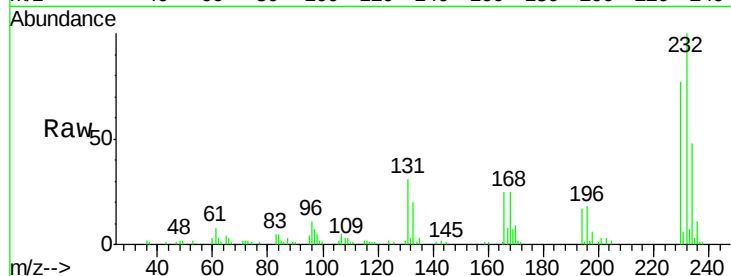




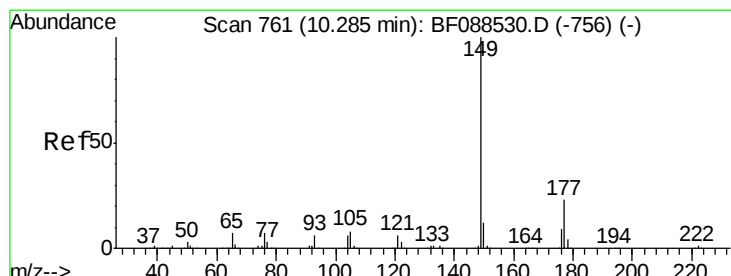
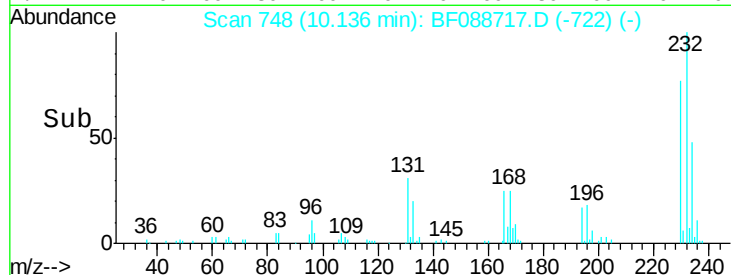
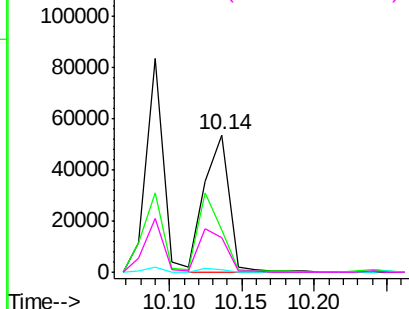
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 23.22 ng
 RT: 10.14 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF088717.D
 Acq: 5 Jul 2016 22:09

Instrument :
 BNA_F
 ClientSampleId :
 C1.2-6MSD

Tgt Ion: 232 Resp: 64109
 Ion Ratio Lower Upper
 232 100
 131 52.8 0.9 1.3#
 130 2.7 1.5 2.3#
 166 33.5 0.5 0.7#

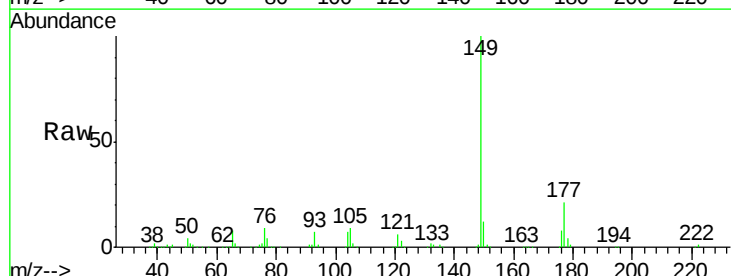


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

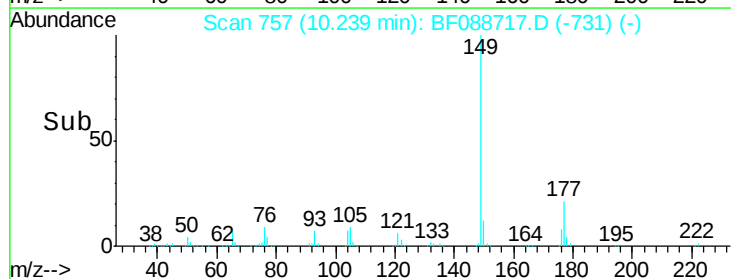
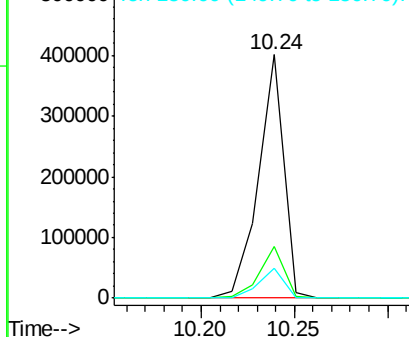


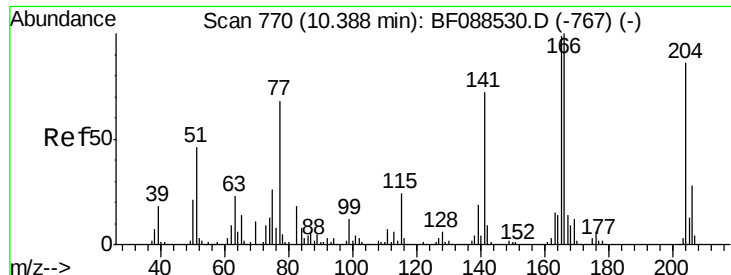
#59
 Diethylphthalate
 Concen: 27.64 ng
 RT: 10.24 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BF088717.D
 Acq: 5 Jul 2016 22:09

Tgt Ion: 149 Resp: 373809
 Ion Ratio Lower Upper
 149 100
 177 21.3 16.9 25.3
 150 12.4 10.1 15.1



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

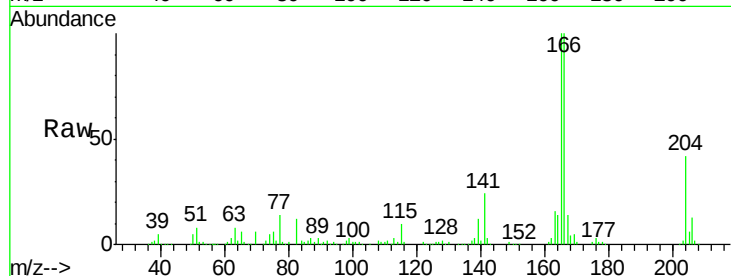




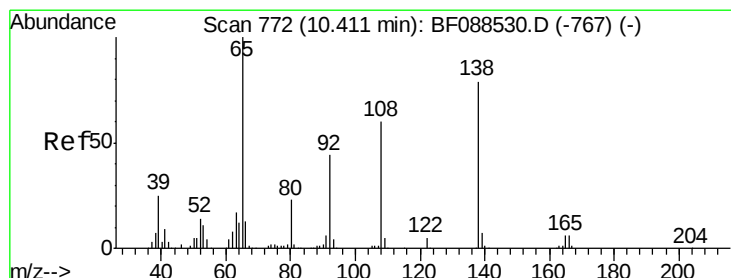
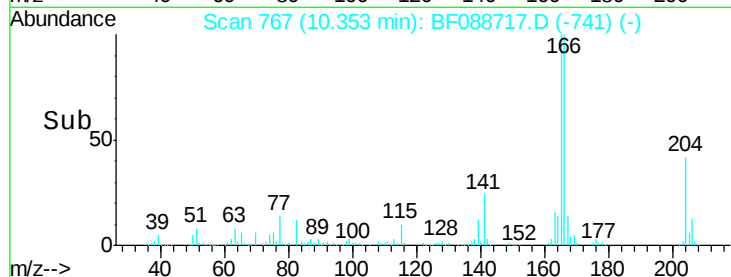
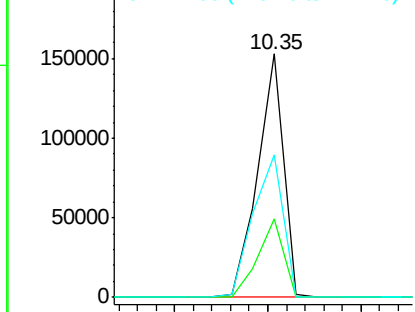
#60
 4-Chlorophenyl-phenylether
 Concen: 25.97 ng
 RT: 10.35 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: BF088717.D
 Acq: 5 Jul 2016 22:09

Instrument :
 BNA_F
 ClientSampleId :
 C1.2-6MSD

Tgt Ion:204 Resp: 145950
 Ion Ratio Lower Upper
 204 100
 206 32.3 26.3 39.5
 141 58.3 55.0 82.6

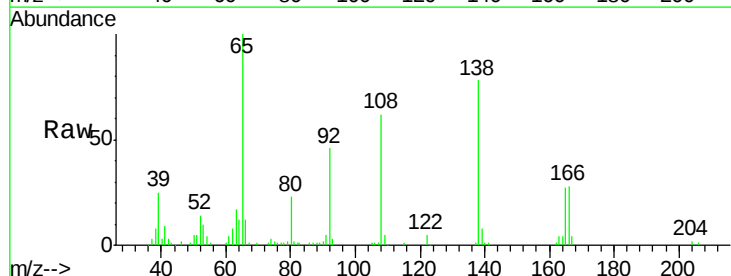


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

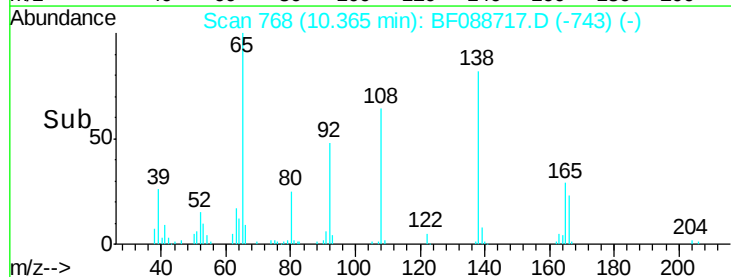
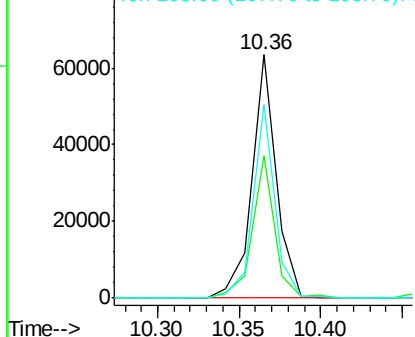


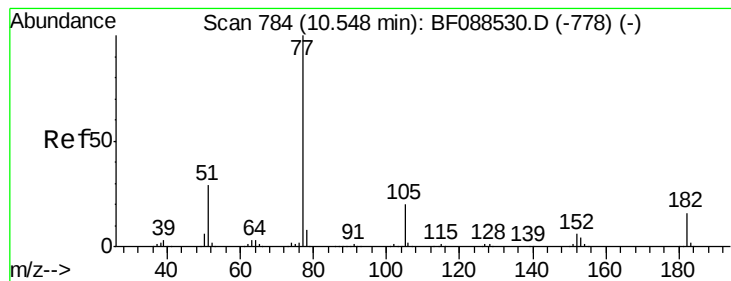
#61
 4-Nitroaniline
 Concen: 17.91 ng
 RT: 10.36 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BF088717.D
 Acq: 5 Jul 2016 22:09

Tgt Ion:138 Resp: 65431
 Ion Ratio Lower Upper
 138 100
 92 58.6 27.3 67.3
 108 79.3 46.7 86.7



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: 25.45 ng

RT: 10.51 min Scan# 781

Delta R.T. 0.00 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

Instrument :

BNA_F

ClientSampleId :

C1.2-6MSD

Tgt Ion: 77 Resp: 392538

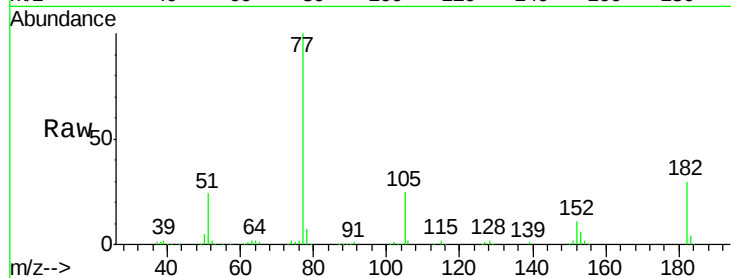
Ion Ratio Lower Upper

77 100

182 30.5 4.4 44.4

105 25.1 3.8 43.8

51 23.8 9.3 49.3

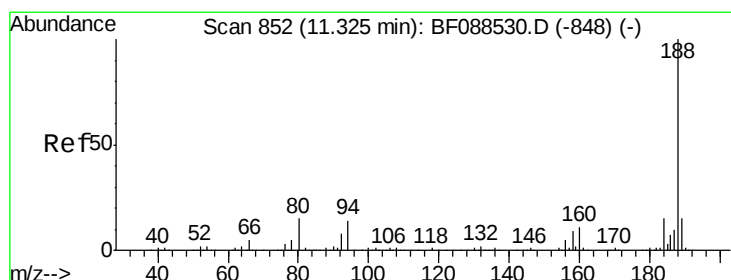
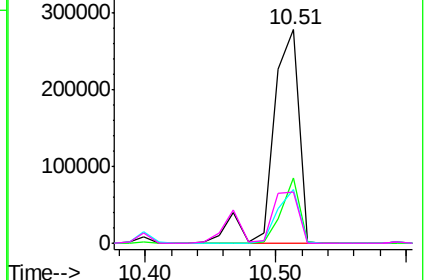
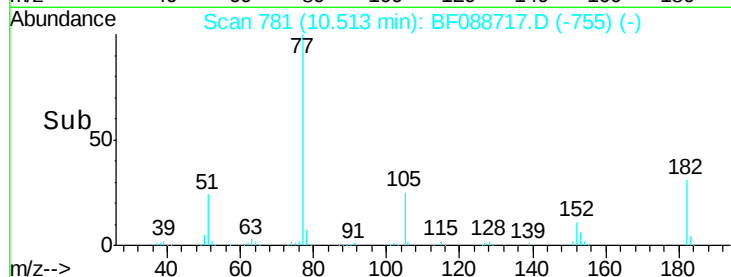


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

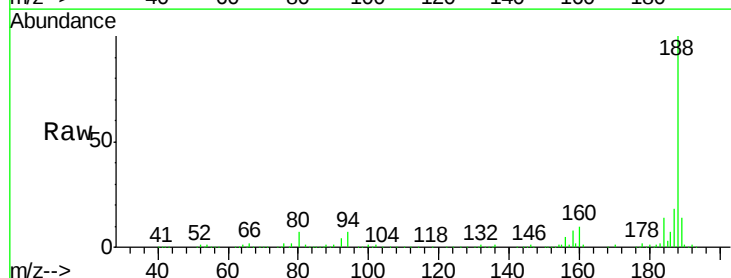
Tgt Ion: 188 Resp: 376497

Ion Ratio Lower Upper

188 100

94 6.8 9.0 13.6#

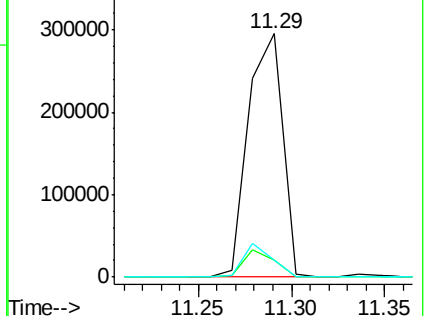
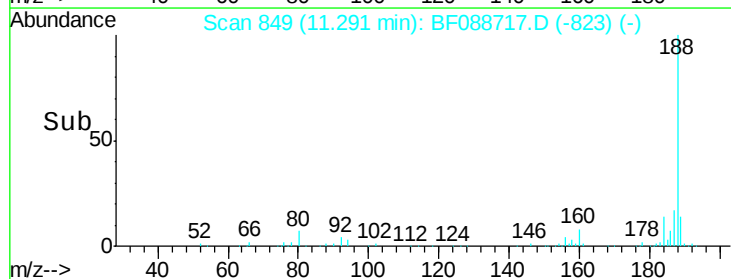
80 7.0 10.0 15.0#

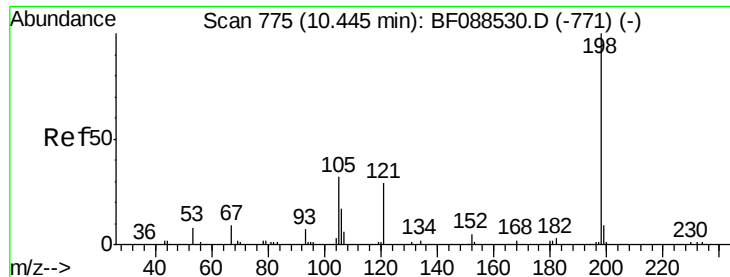


Abundance Ion 188.00 (187.70 to 188.70): E

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: 11.77 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.01 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

Instrument :

BNA_F

ClientSampleId :

C1.2-6MSD

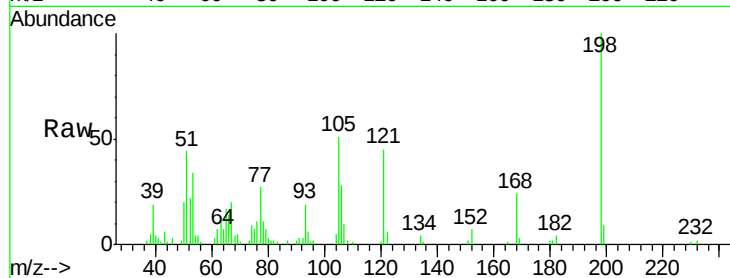
Tgt Ion:198 Resp: 23700

Ion Ratio Lower Upper

198 100

51 44.4 39.6 79.6

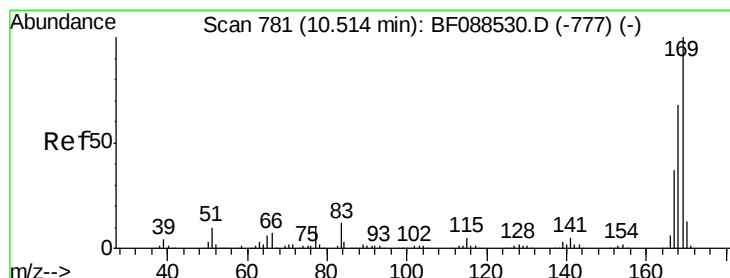
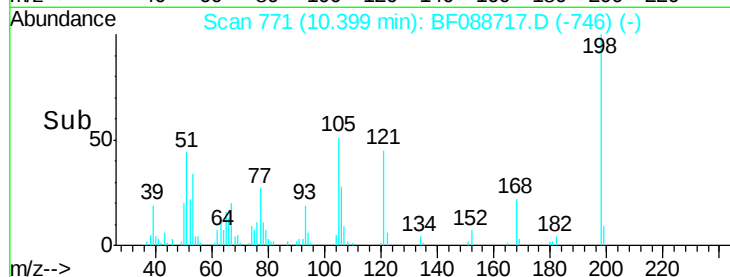
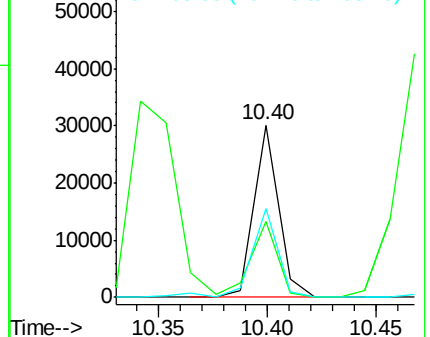
105 51.3 36.6 76.6



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: 21.55 ng

RT: 10.47 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

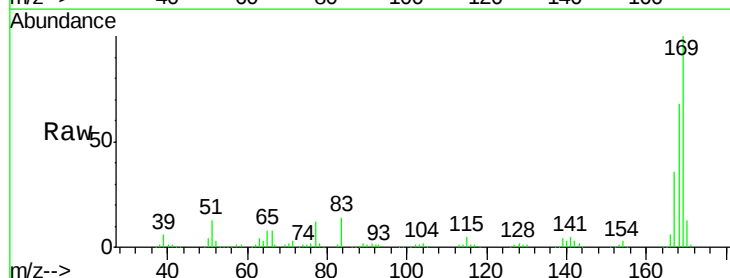
Tgt Ion:169 Resp: 274542

Ion Ratio Lower Upper

169 100

168 67.8 53.4 80.0

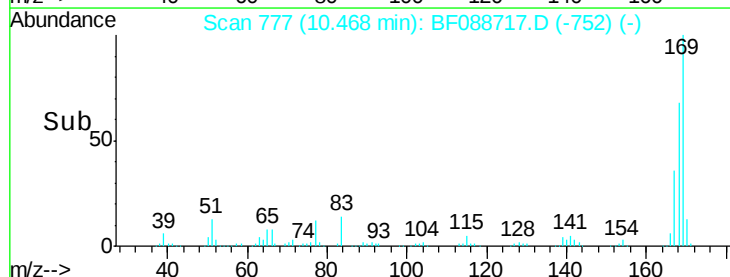
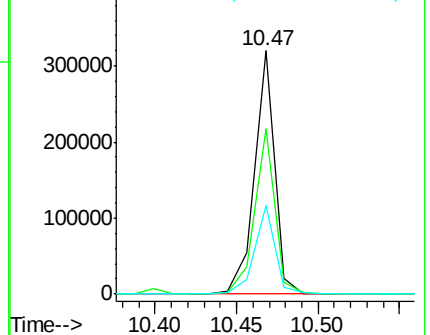
167 36.4 29.4 44.0

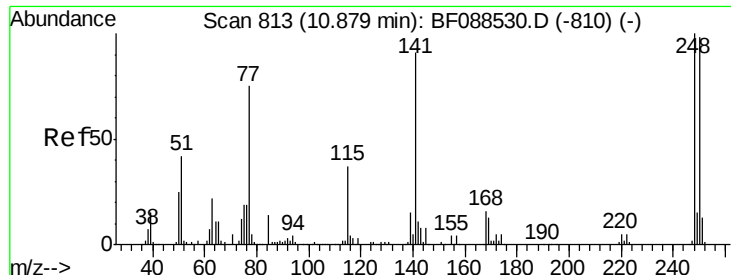


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

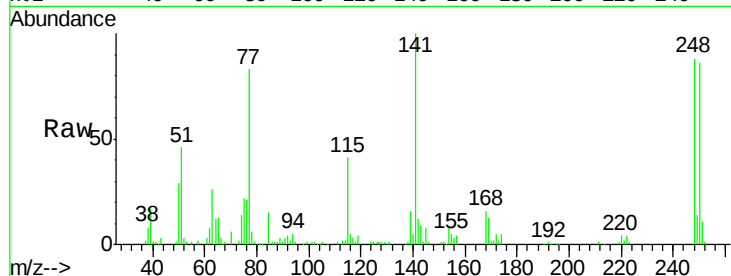




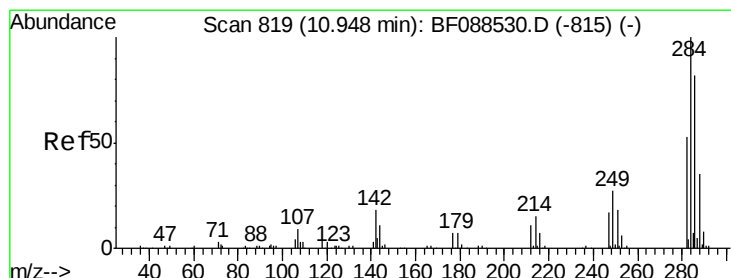
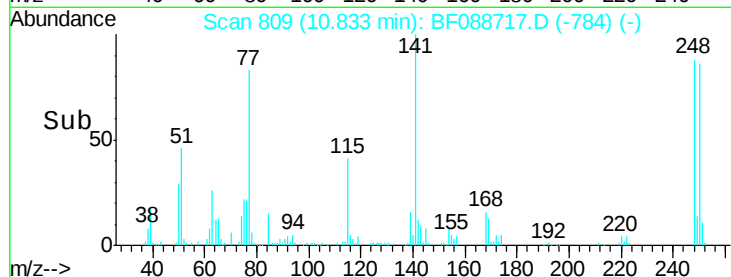
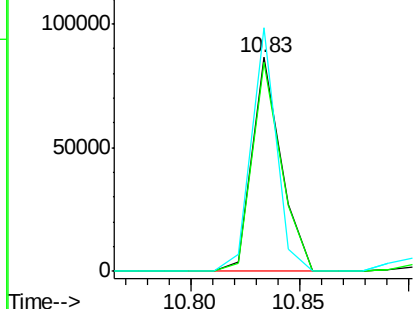
#66
 4-Bromophenyl-phenylether
 Concen: 21.22 ng
 RT: 10.83 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF088717.D
 Acq: 5 Jul 2016 22:09

Instrument :
 BNA_F
 ClientSampled :
 C1.2-6MSD

Tgt Ion:248 Resp: 80505
 Ion Ratio Lower Upper
 248 100
 250 97.7 77.1 115.7
 141 114.0 50.6 76.0#

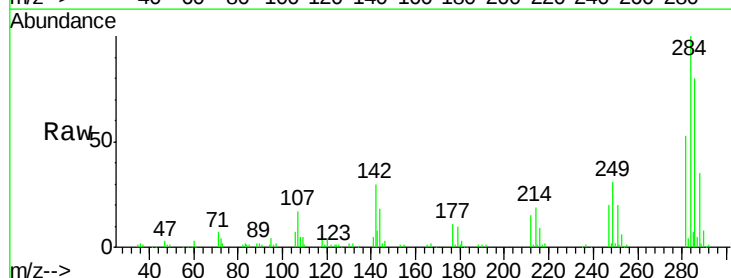


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

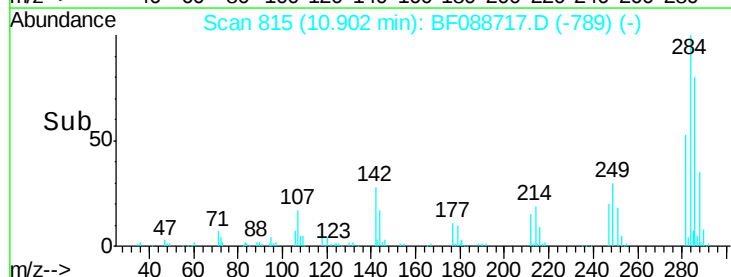
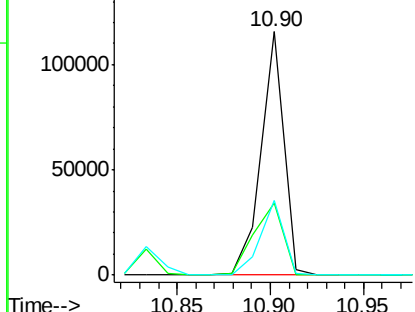


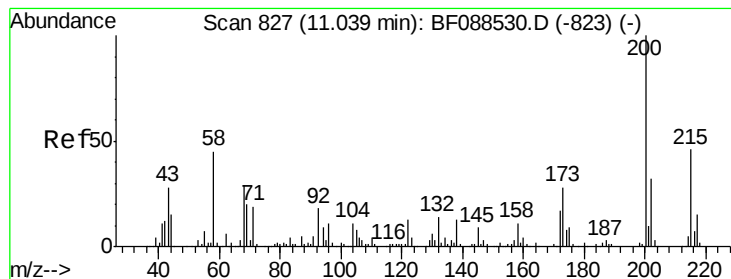
#67
 Hexachlorobenzene
 Concen: 23.15 ng
 RT: 10.90 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF088717.D
 Acq: 5 Jul 2016 22:09

Tgt Ion:284 Resp: 97230
 Ion Ratio Lower Upper
 284 100
 142 29.5 35.8 53.8#
 249 30.7 25.8 38.6



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: 19.86 ng

RT: 10.99 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

Instrument :

BNA_F

ClientSampleId :

C1.2-6MSD

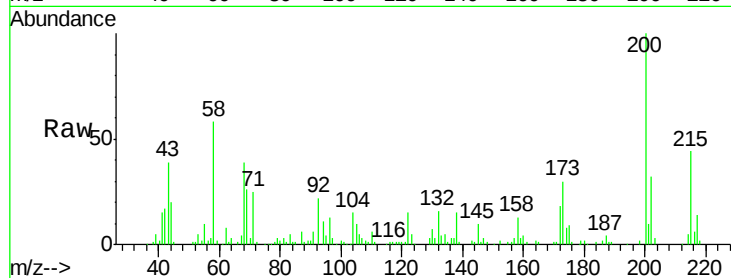
Tgt Ion:200 Resp: 78871

Ion Ratio Lower Upper

200 100

173 29.7 4.0 44.0

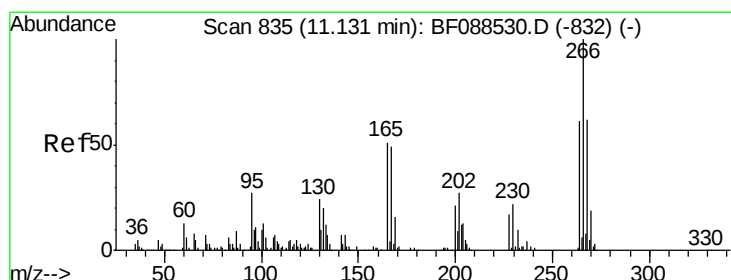
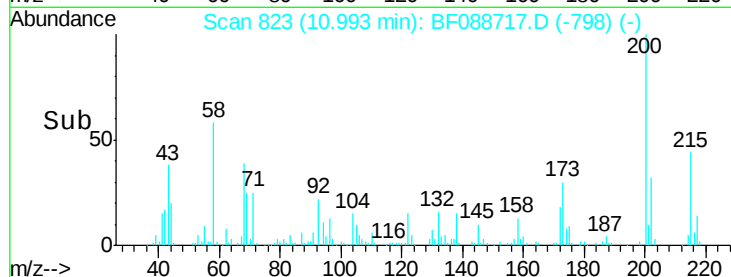
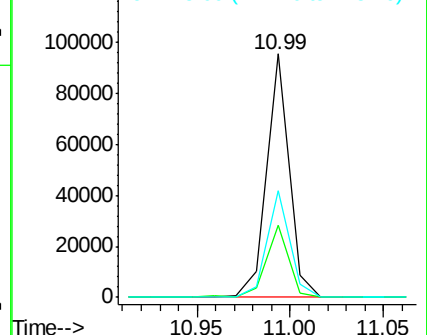
215 44.1 29.3 69.3



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: 38.05 ng

RT: 11.10 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

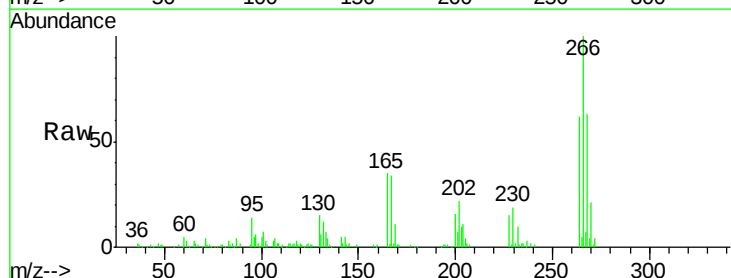
Tgt Ion:266 Resp: 94570

Ion Ratio Lower Upper

266 100

268 62.9 52.8 79.2

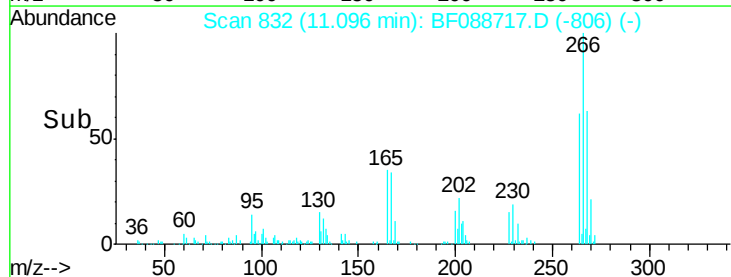
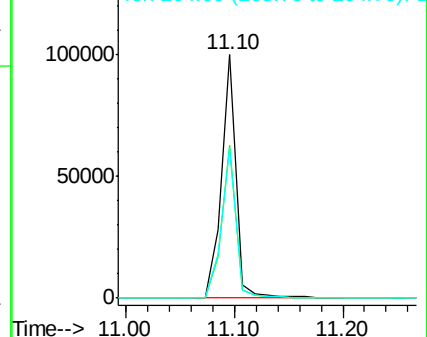
264 61.7 49.6 74.4

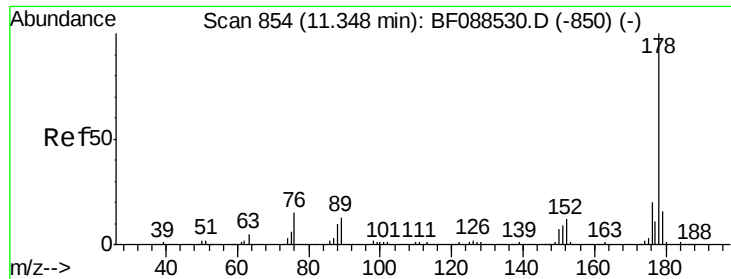


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

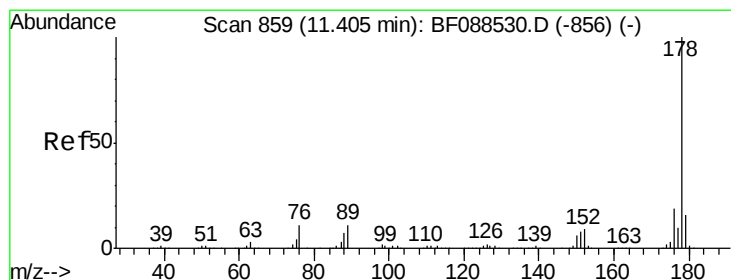
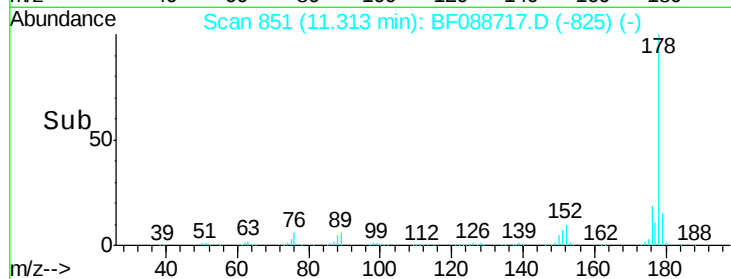
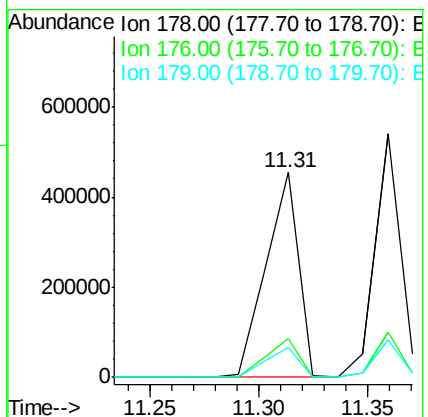
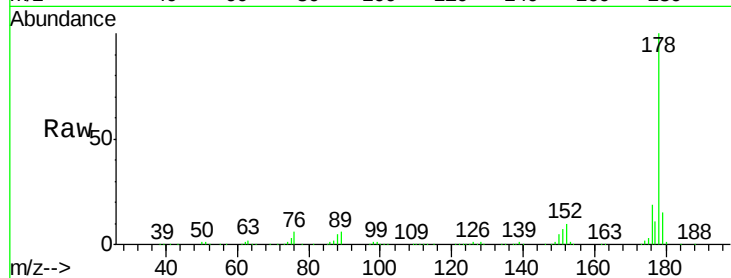




#70
Phenanthrene
Concen: 23.15 ng
RT: 11.31 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF088717.D
Acq: 5 Jul 2016 22:09

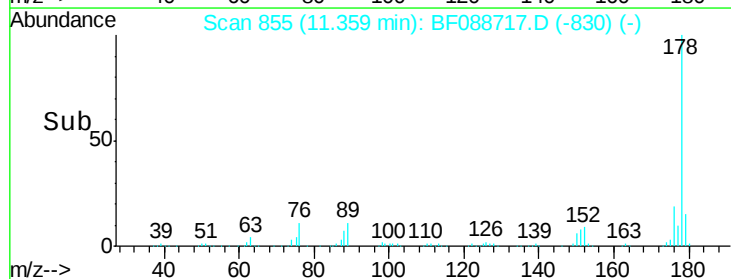
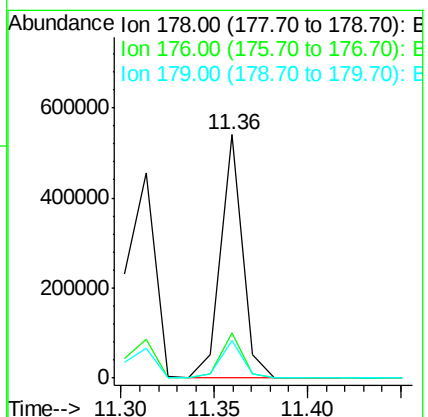
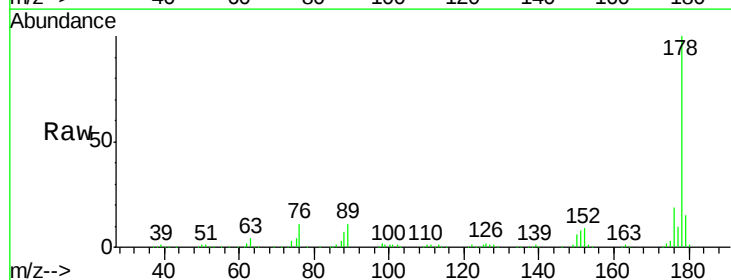
Instrument :
BNA_F
ClientSampleId :
C1.2-6MSD

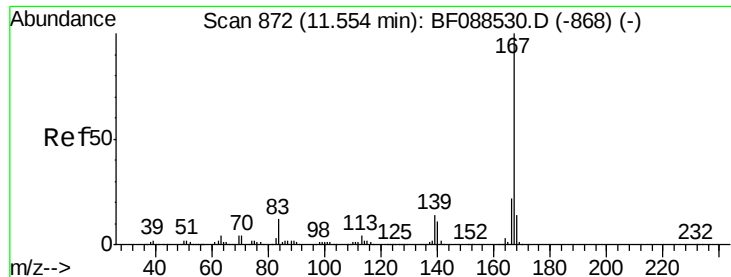
Tgt Ion:178 Resp: 476527
Ion Ratio Lower Upper
178 100
176 18.9 15.8 23.6
179 14.8 13.0 19.4



#71
Anthracene
Concen: 21.71 ng
RT: 11.36 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF088717.D
Acq: 5 Jul 2016 22:09

Tgt Ion:178 Resp: 444183
Ion Ratio Lower Upper
178 100
176 18.7 15.6 23.4
179 15.5 12.8 19.2

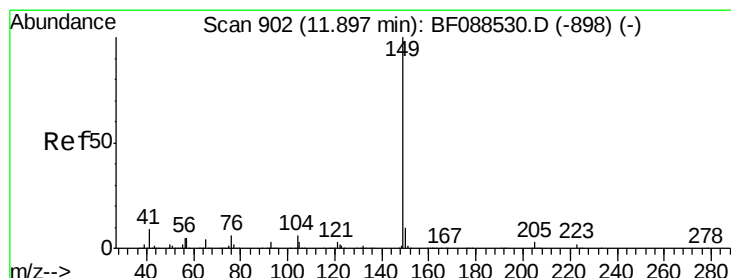
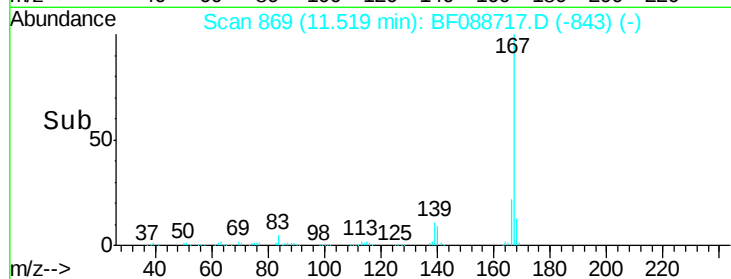
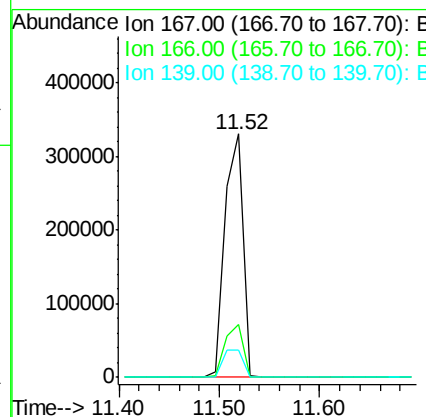
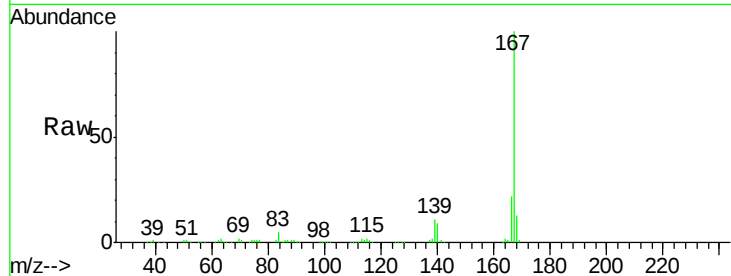




#72
 Carbazole
 Concen: 21.53 ng
 RT: 11.52 min Scan# 869
 Delta R.T. 0.00 min
 Lab File: BF088717.D
 Acq: 5 Jul 2016 22:09

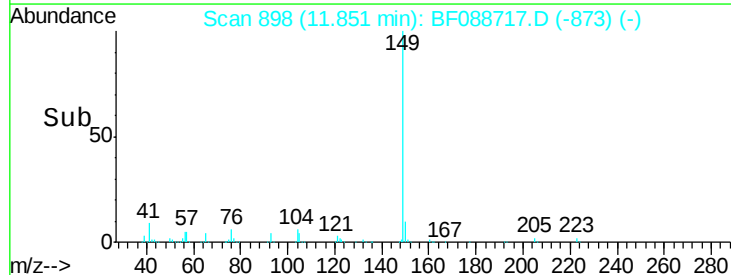
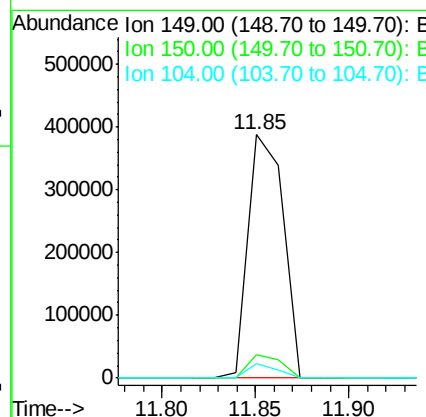
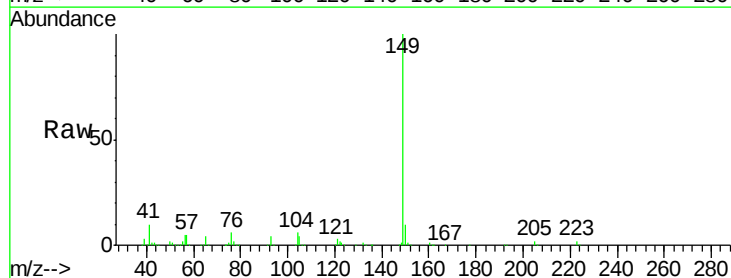
Instrument :
 BNA_F
 ClientSampleId :
 C1.2-6MSD

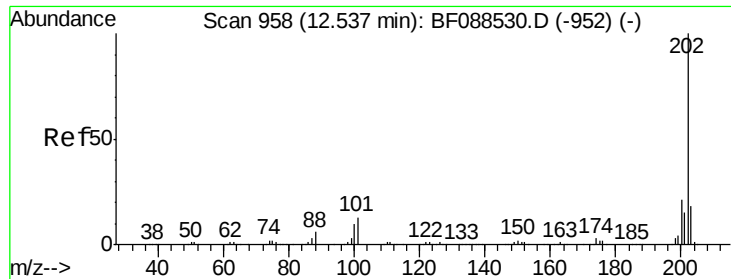
Tgt Ion:167 Resp: 414633
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.8 26.6
 139 11.3 11.2 16.8



#73
 Di-n-butylphthalate
 Concen: 22.60 ng
 RT: 11.85 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF088717.D
 Acq: 5 Jul 2016 22:09

Tgt Ion:149 Resp: 506304
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.8 11.6
 104 5.9 4.0 6.0

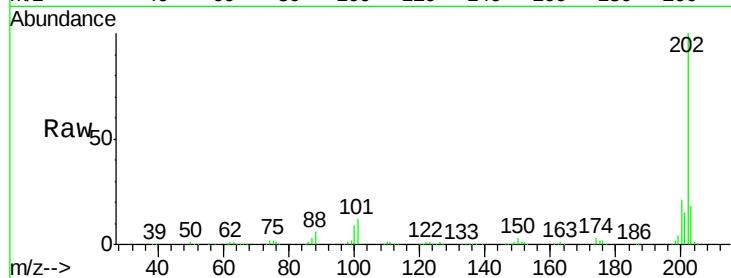




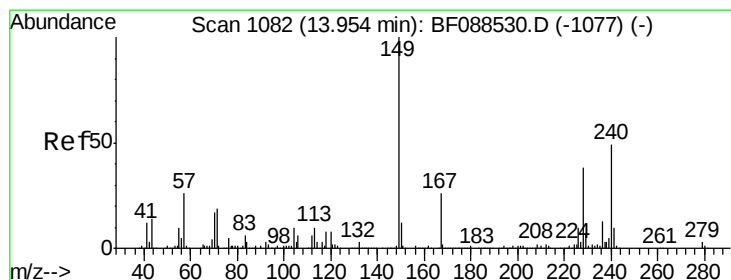
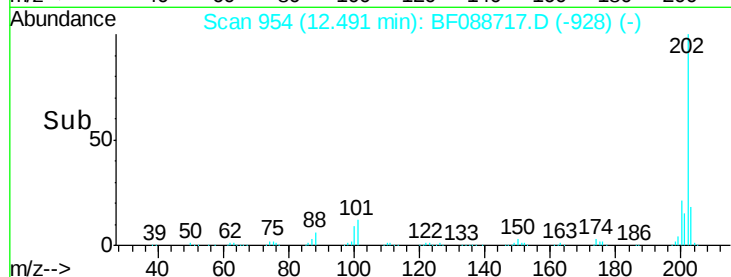
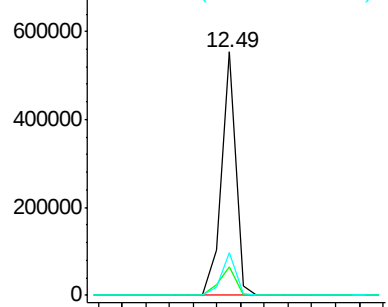
#74
Fluoranthene
 Concen: 22.43 ng
 RT: 12.49 min Scan# 954
 Delta R.T. 0.00 min
 Lab File: BF088717.D
 Acq: 5 Jul 2016 22:09

Instrument :
 BNA_F
 ClientSampleId :
 C1.2-6MSD

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	468086		
101	11.9	0.0	33.1	
203	17.7	0.0	38.1	

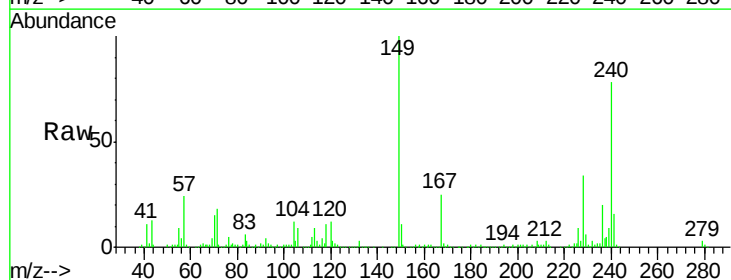


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

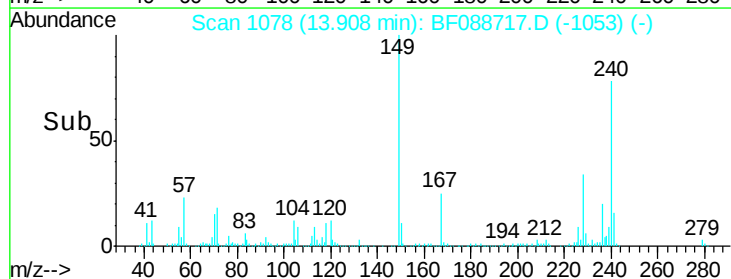
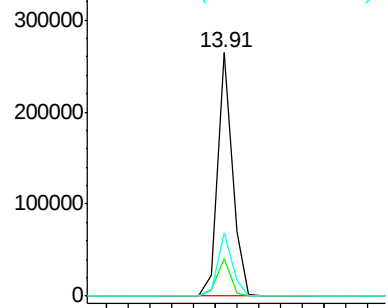


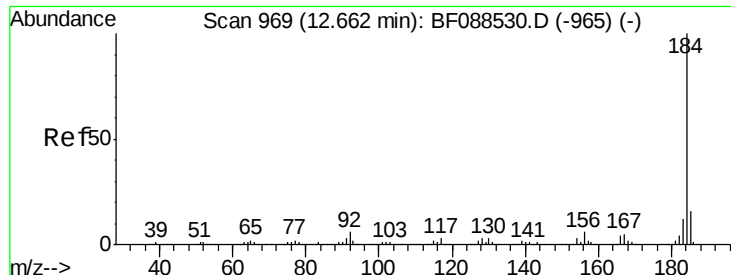
#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 13.91 min Scan# 1078
 Delta R.T. -0.01 min
 Lab File: BF088717.D
 Acq: 5 Jul 2016 22:09

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	248833		
120	15.2	6.8	10.2#	
236	25.8	20.2	30.2	



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

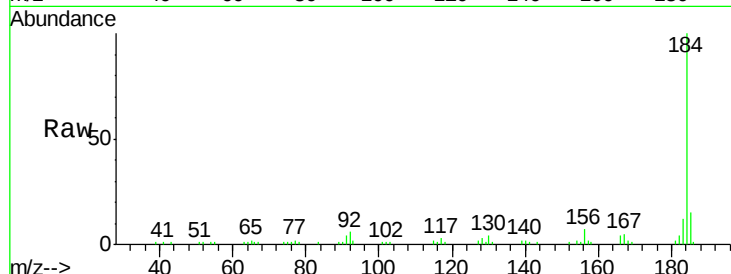




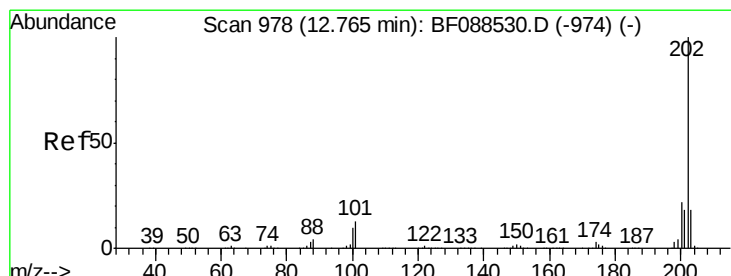
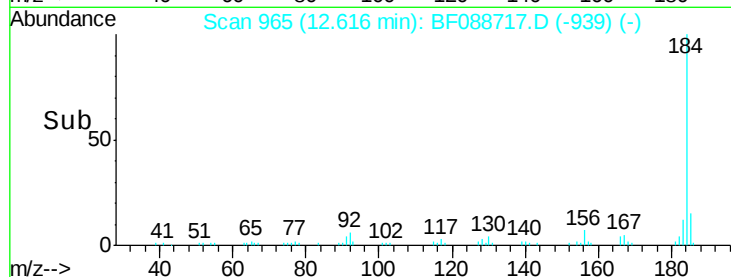
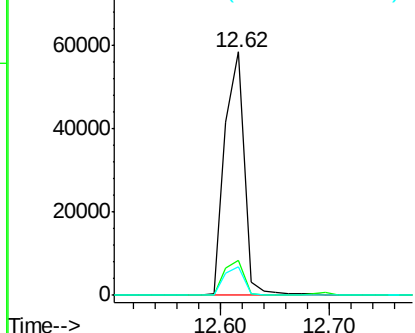
#76
Benzidine
Concen: 5.80 ng
RT: 12.62 min Scan# 965
Delta R.T. 0.00 min
Lab File: BF088717.D
Acq: 5 Jul 2016 22:09

Instrument :
BNA_F
ClientSampleId :
C1.2-6MSD

Tgt Ion:184 Resp: 72983
Ion Ratio Lower Upper
184 100
185 14.6 12.5 18.7
183 12.0 9.3 13.9

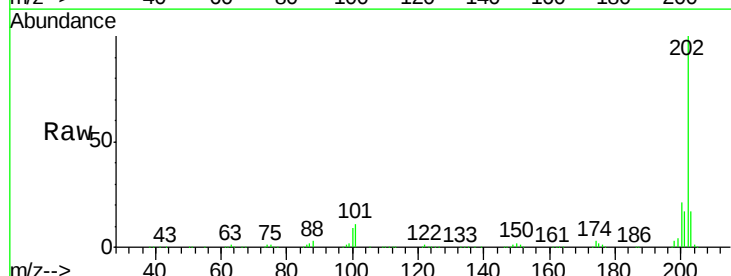


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

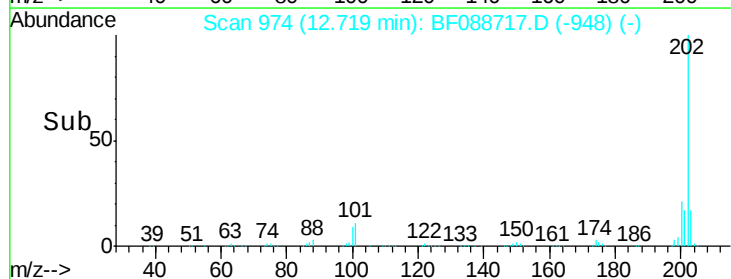
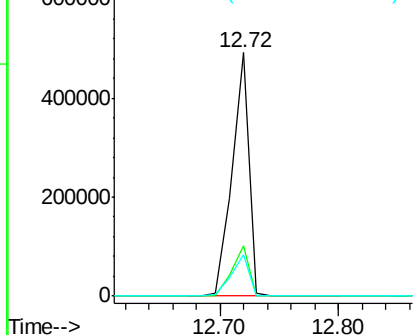


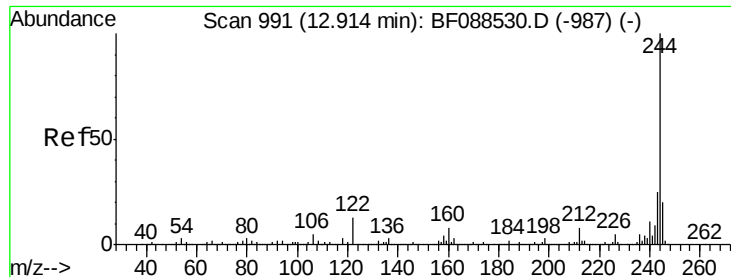
#77
Pyrene
Concen: 22.81 ng
RT: 12.72 min Scan# 974
Delta R.T. 0.00 min
Lab File: BF088717.D
Acq: 5 Jul 2016 22:09

Tgt Ion:202 Resp: 481305
Ion Ratio Lower Upper
202 100
200 20.7 17.4 26.2
203 17.1 14.5 21.7



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: 74.60 ng

RT: 12.87 min Scan# 987

Delta R.T. 0.00 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

Instrument :

BNA_F

ClientSampled :

C1.2-6MSD

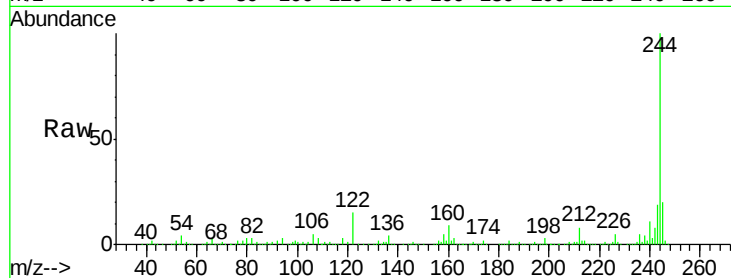
Tgt Ion:244 Resp: 833405

Ion Ratio Lower Upper

244 100

212 8.0 6.0 9.0

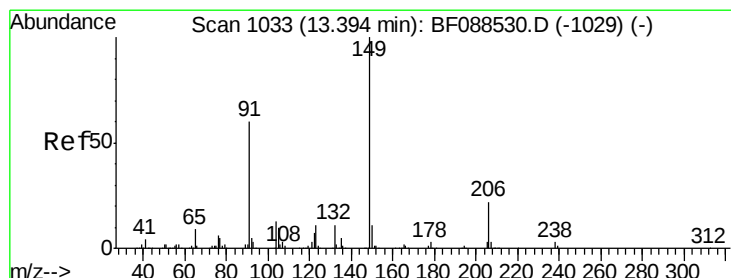
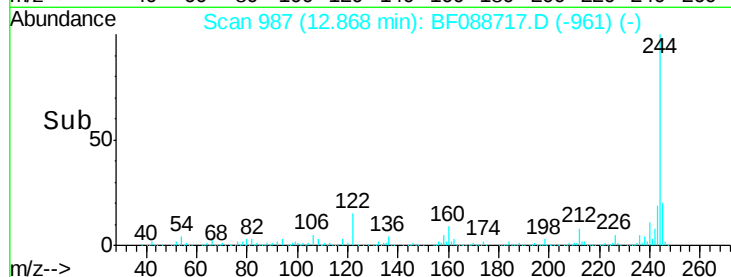
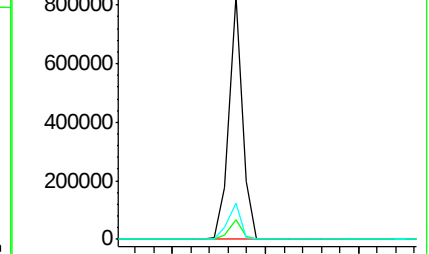
122 14.7 11.2 16.8



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: 22.76 ng

RT: 13.35 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

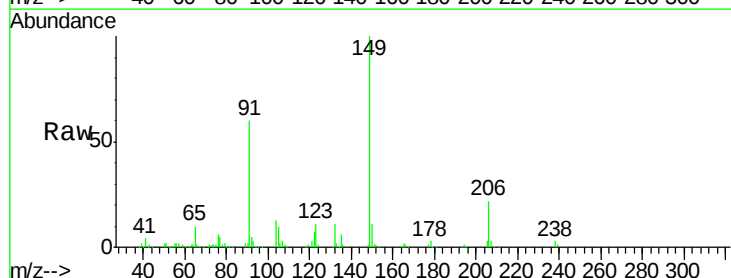
Tgt Ion:149 Resp: 214219

Ion Ratio Lower Upper

149 100

91 59.7 48.0 72.0

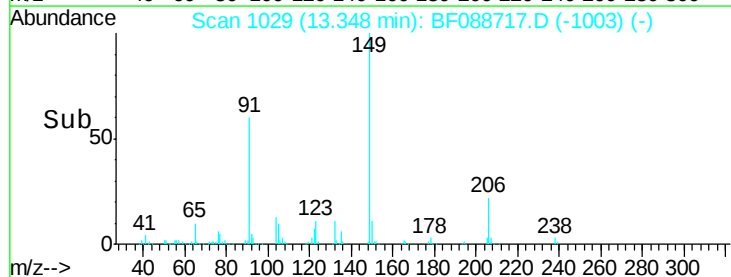
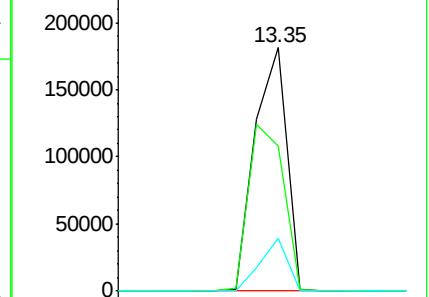
206 21.6 16.0 24.0

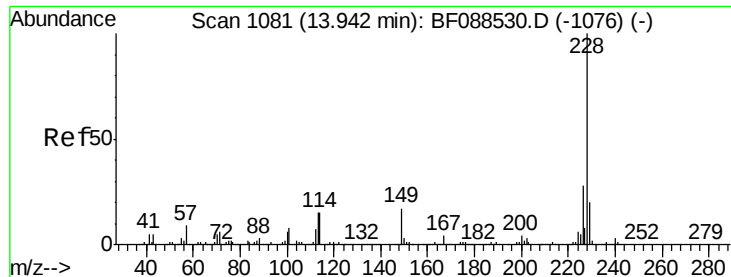


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 22.39 ng

RT: 13.90 min Scan# 1077

Delta R.T. -0.01 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

Instrument :

BNA_F

ClientSampleId :

C1.2-6MSD

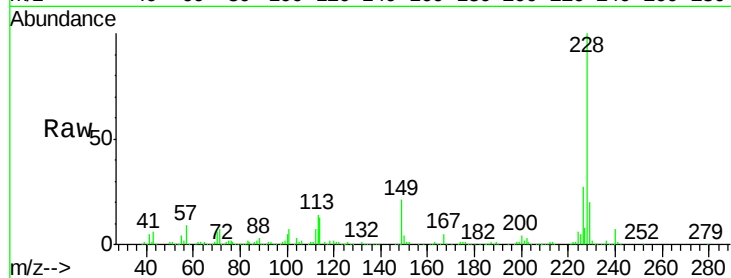
Tgt Ion:228 Resp: 358710

Ion Ratio Lower Upper

228 100

226 27.1 22.3 33.5

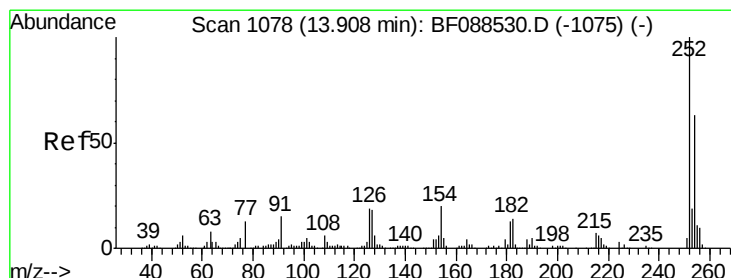
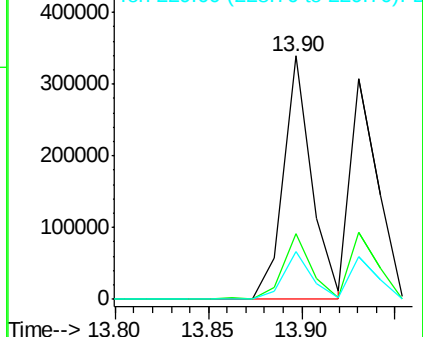
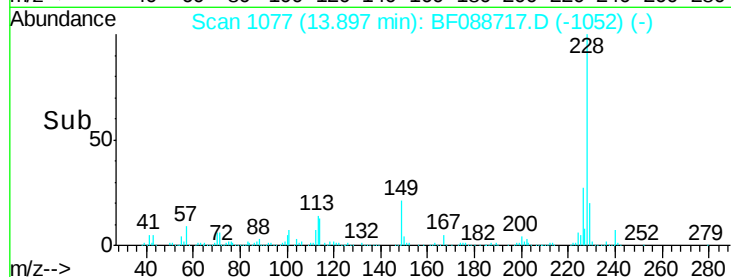
229 19.6 16.0 24.0



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: 13.46 ng

RT: 13.86 min Scan# 1074

Delta R.T. -0.01 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

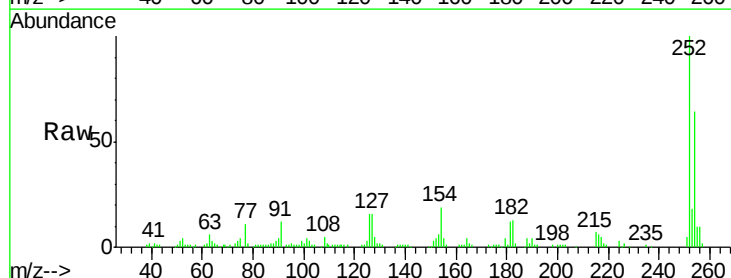
Tgt Ion:252 Resp: 81103

Ion Ratio Lower Upper

252 100

254 64.5 52.6 78.8

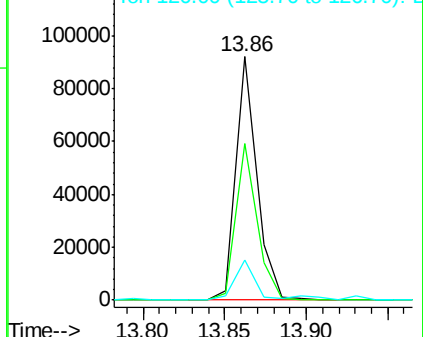
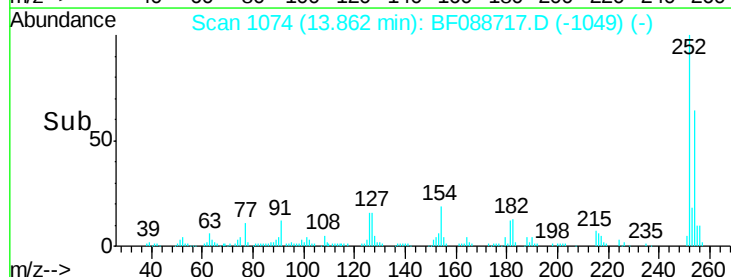
126 16.4 6.2 9.2#

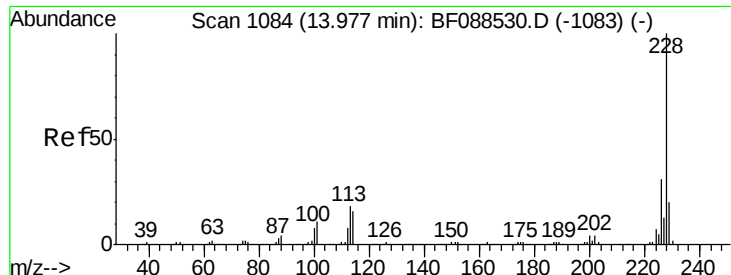


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 20.02 ng

RT: 13.93 min Scan# 1080

Delta R.T. -0.01 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

Instrument :

BNA_F

ClientSampleId :

C1.2-6MSD

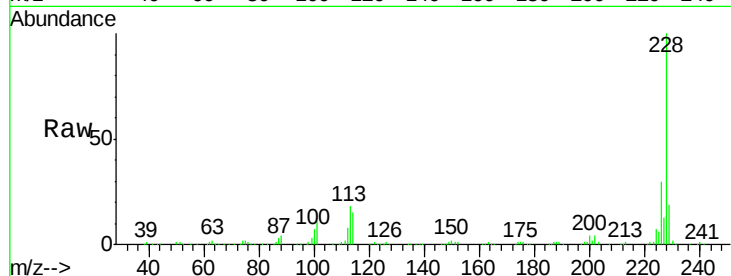
Tgt Ion: 228 Resp: 317292

Ion Ratio Lower Upper

228 100

226 30.3 25.4 38.2

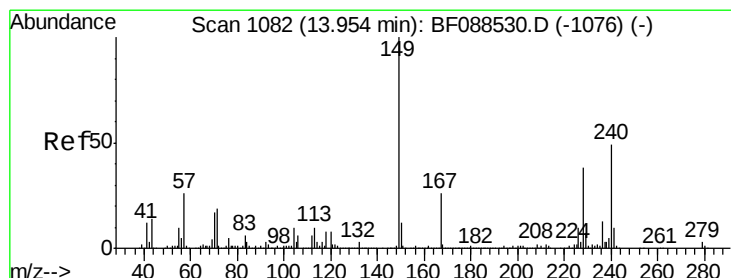
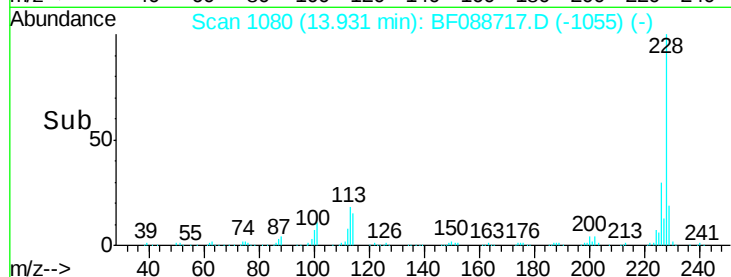
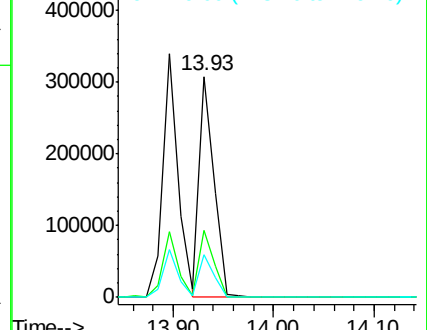
229 19.2 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 27.53 ng

RT: 13.91 min Scan# 1078

Delta R.T. 0.00 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

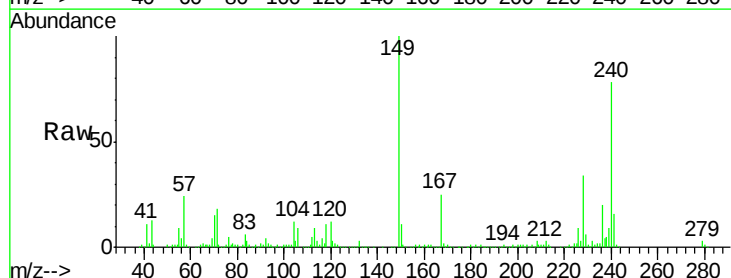
Tgt Ion: 149 Resp: 295768

Ion Ratio Lower Upper

149 100

167 25.4 20.5 30.7

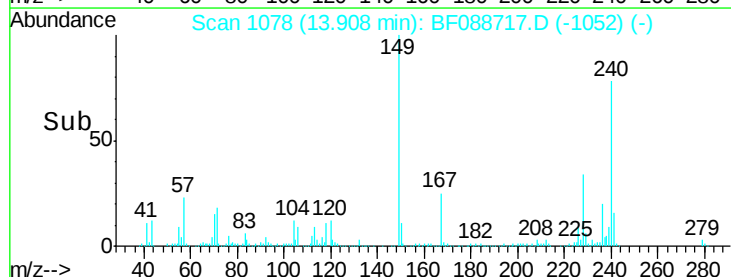
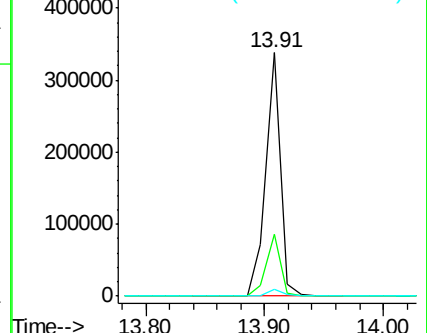
279 3.0 2.0 3.0

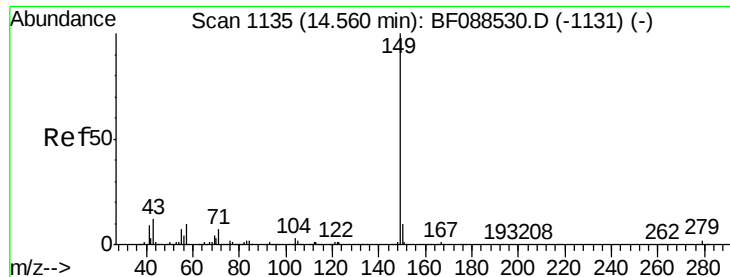


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 22.61 ng

RT: 14.51 min Scan# 1131

Delta R.T. 0.00 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

Instrument :

BNA_F

ClientSampleId :

C1.2-6MSD

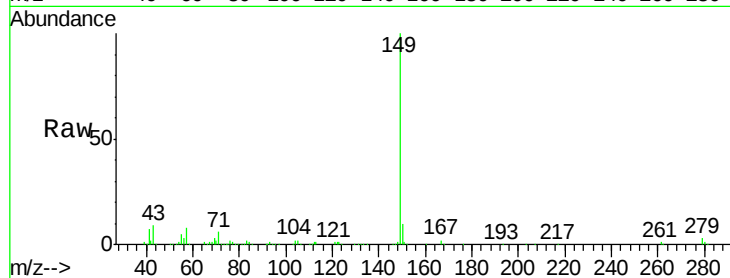
Tgt Ion:149 Resp: 412778

Ion Ratio Lower Upper

149 100

167 1.7 0.0 0.0#

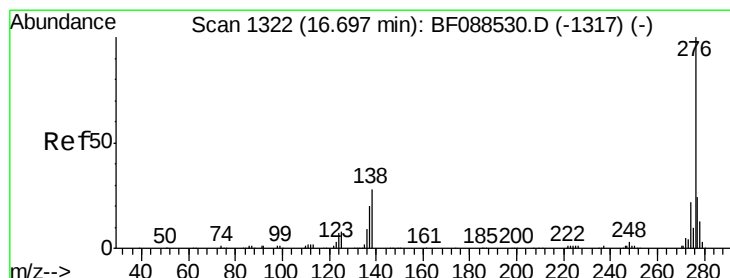
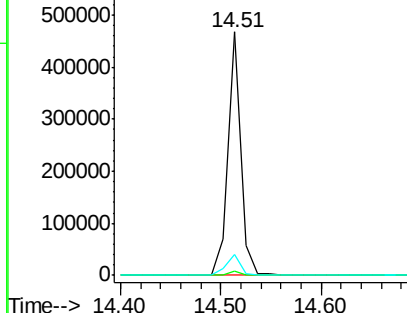
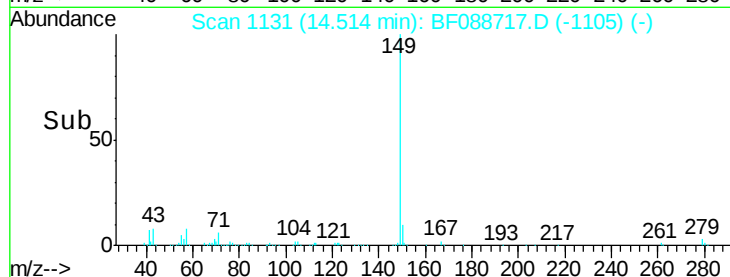
43 9.3 0.0 0.0#



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: 22.11 ng

RT: 16.62 min Scan# 1315

Delta R.T. -0.02 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

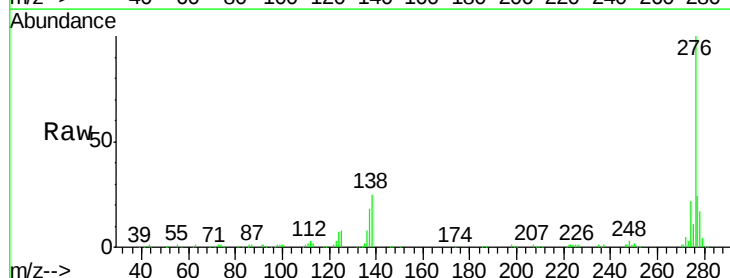
Tgt Ion:276 Resp: 269612

Ion Ratio Lower Upper

276 100

138 28.6 0.0 0.0#

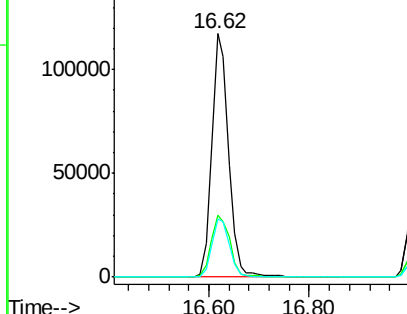
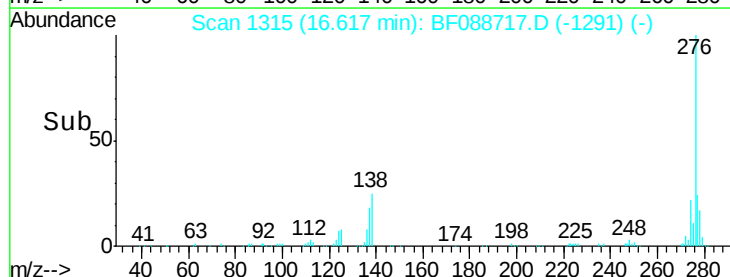
277 25.1 0.0 0.0#

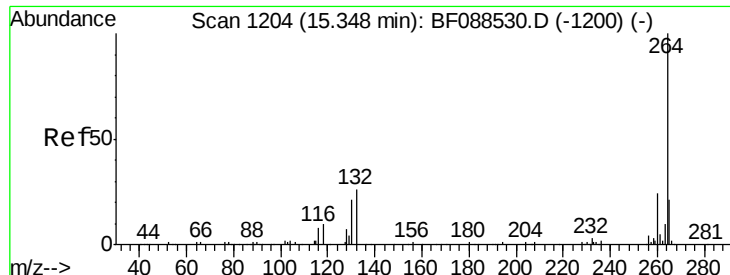


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

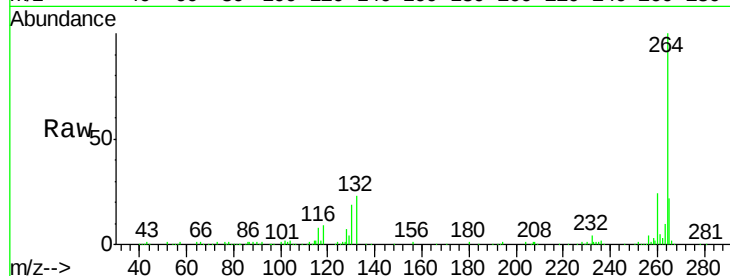




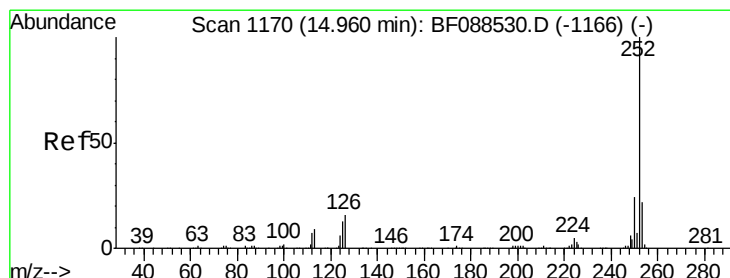
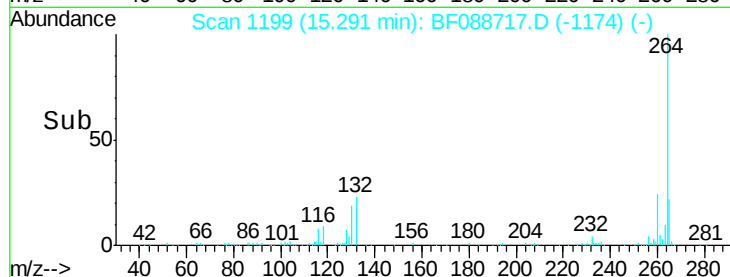
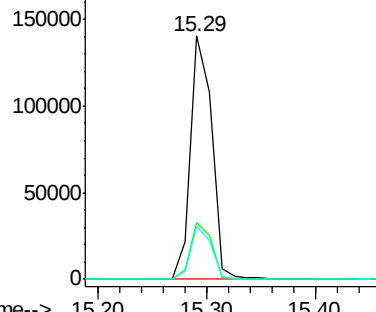
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF088717.D
Acq: 5 Jul 2016 22:09

Instrument :
BNA_F
ClientSampleId :
C1.2-6MSD

Tgt Ion:264 Resp: 192387
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 21.8 16.9 25.3

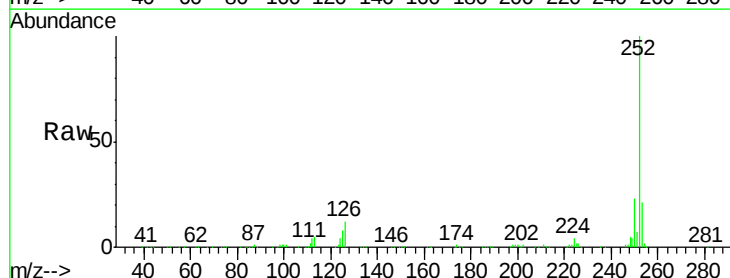


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

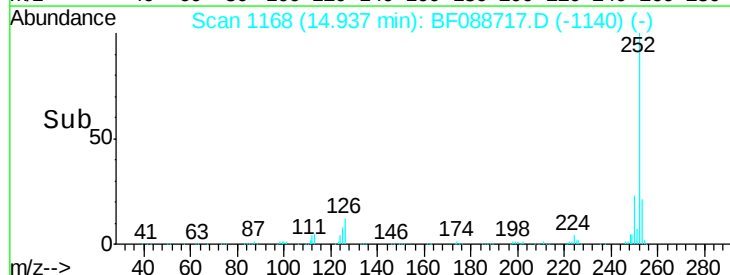
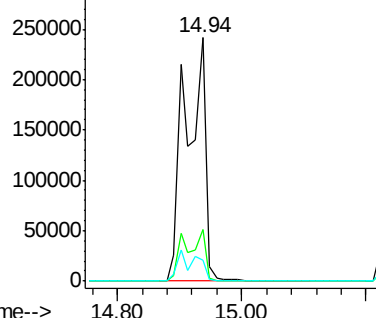


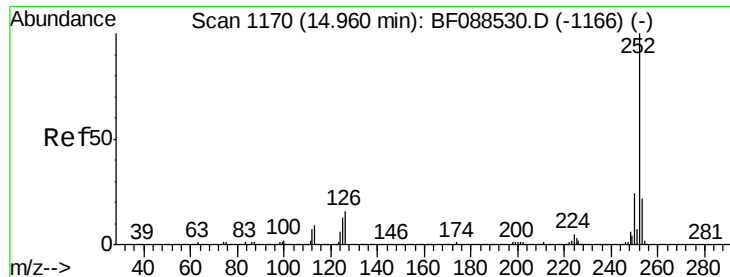
#87
Benzo(b)fluoranthene
Concen: 44.47 ng
RT: 14.94 min Scan# 1168
Delta R.T. 0.02 min
Lab File: BF088717.D
Acq: 5 Jul 2016 22:09

Tgt Ion:252 Resp: 536710
Ion Ratio Lower Upper
252 100
253 21.2 17.4 26.2
125 8.4 7.1 10.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

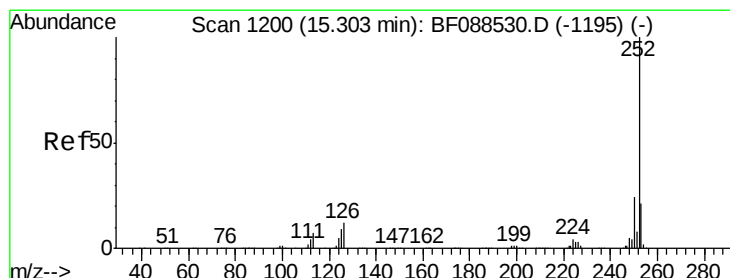
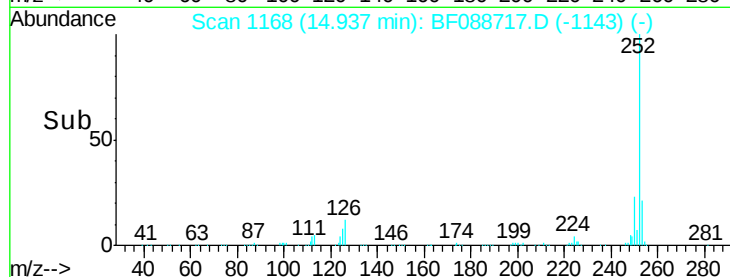
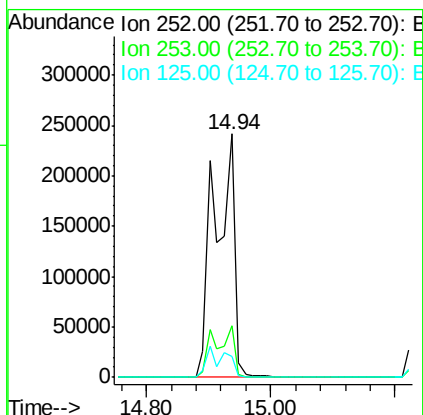
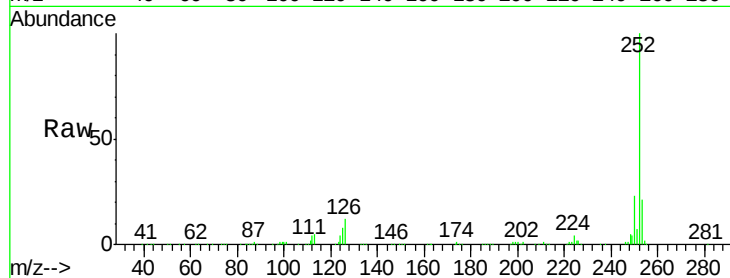




#88
Benzo(k)fluoranthene
Concen: 51.08 ng
RT: 14.94 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF088717.D
Acq: 5 Jul 2016 22:09

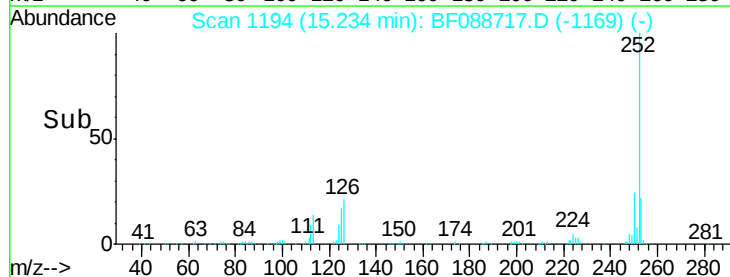
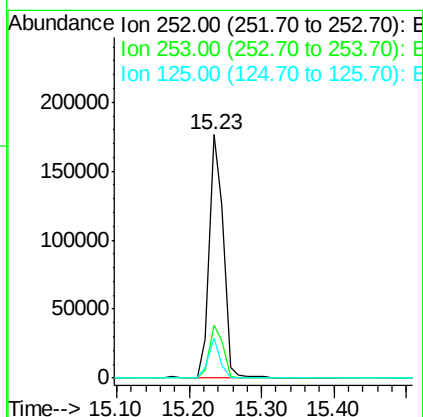
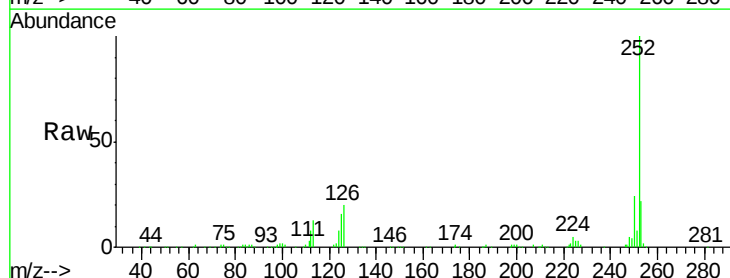
Instrument :
BNA_F
ClientSampleId :
C1.2-6MSD

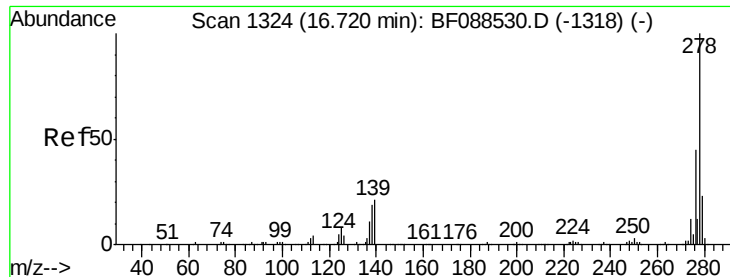
Tgt Ion:252 Resp: 536710
Ion Ratio Lower Upper
252 100
253 21.2 18.0 27.0
125 8.4 11.2 16.8#



#89
Benzo(a)pyrene
Concen: 23.31 ng
RT: 15.23 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BF088717.D
Acq: 5 Jul 2016 22:09

Tgt Ion:252 Resp: 238215
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 16.3 12.5 18.7





#90

Dibenzo(a,h)anthracene

Concen: 26.34 ng

RT: 16.64 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

Instrument :

BNA_F

ClientSampleId :

C1.2-6MSD

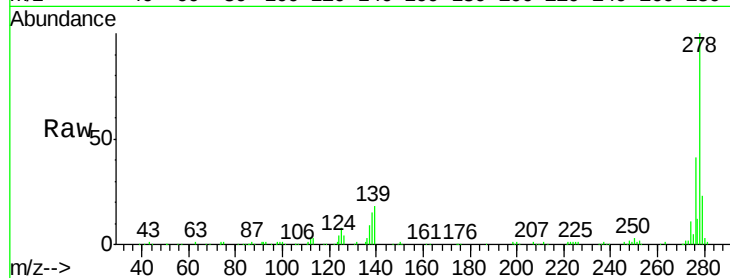
Tgt Ion:278 Resp: 224742

Ion Ratio Lower Upper

278 100

139 18.2 15.7 23.5

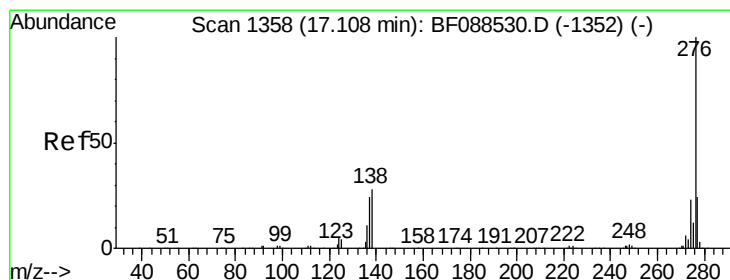
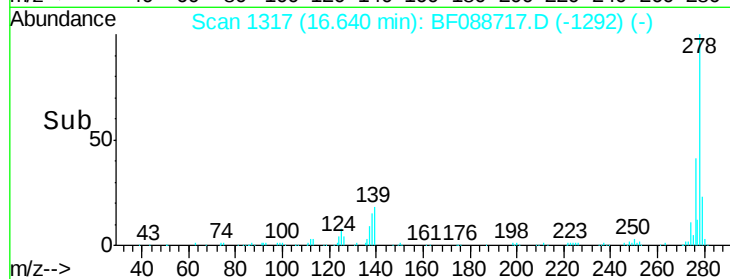
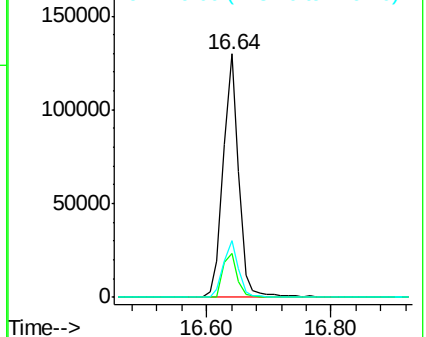
279 23.2 19.4 29.2



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: 26.18 ng

RT: 17.02 min Scan# 1350

Delta R.T. -0.02 min

Lab File: BF088717.D

Acq: 5 Jul 2016 22:09

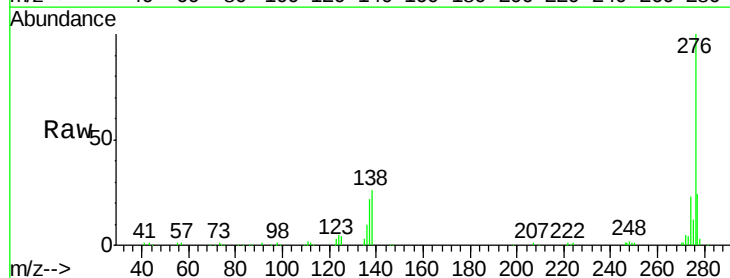
Tgt Ion:276 Resp: 231131

Ion Ratio Lower Upper

276 100

277 23.6 18.9 28.3

138 26.4 21.4 32.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

