

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070516\
 Data File : BF088708.D
 Acq On : 5 Jul 2016 17:43
 Operator : UM/SJ
 Sample : PB91867BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91867BS

Quant Time: Jul 06 01:32:57 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	104348	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	418731	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	207952	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	402043	20.00	ng	0.00
75) Chrysene-d12	13.92	240	256721	20.00	ng	0.00
86) Perylene-d12	15.30	264	210715	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.38	112	713332	102.45	ng	0.01
7) Phenol-d6	6.42	99	957062	106.38	ng	0.01
23) Nitrobenzene-d5	7.35	82	705798	88.33	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	282777	146.44	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1174628	89.22	ng	0.00
78) Terphenyl-d14	12.87	244	973975	84.50	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Pyridine	3.08	79	298817	29.83	ng	91
4) n-Nitrosodimethylamine	3.04	42	123421	32.25	ng	88
6) Aniline	6.43	93	311015	23.72	ng	# 1
8) 2-Chlorophenol	6.56	128	279961	37.41	ng	95
9) Benzaldehyde	6.32	77	246665	40.48	ng	86
10) Phenol	6.43	94	413141	40.24	ng	# 71
11) bis(2-Chloroethyl)ether	6.51	93	263125	34.36	ng	94
12) 1,3-Dichlorobenzene	6.72	146	311497	37.83	ng	97
13) 1,4-Dichlorobenzene	6.80	146	305070	37.32	ng	97
14) 1,2-Dichlorobenzene	6.80	146	305070	39.88	ng	99
15) Benzyl Alcohol	6.92	79	288783	43.61	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.06	45	345444	31.15	ng	90
17) 2-Methylphenol	7.04	107	246183	40.33	ng	96
18) Hexachloroethane	7.29	117	119906	37.93	ng	90
19) n-Nitroso-di-n-propylamine	7.20	70	208724	34.54	ng	92
20) 3+4-Methylphenols	7.20	107	327824	44.74	ng	89
22) Acetophenone	7.19	105	401086	39.47	ng	# 87
24) Nitrobenzene	7.36	77	312203	38.75	ng	# 83
25) Isophorone	7.60	82	620856	41.95	ng	95
26) 2-Nitrophenol	7.68	139	164240	49.72	ng	94
27) 2,4-Dimethylphenol	7.72	122	298818	43.43	ng	89
28) bis(2-Chloroethoxy)methane	7.82	93	362781	37.66	ng	# 95
29) 2,4-Dichlorophenol	7.92	162	240873	43.31	ng	97
30) 1,2,4-Trichlorobenzene	8.01	180	259123	42.46	ng	97
31) Naphthalene	8.08	128	821429	39.79	ng	100
33) 4-Chloroaniline	8.14	127	171858	18.71	ng	# 92
34) Hexachlorobutadiene	8.20	225	133435	40.84	ng	99
35) Caprolactam	8.44	113	3860	2.04	ng	99
36) 4-Chloro-3-methylphenol	8.62	107	296225	45.05	ng	90
37) 2-Methylnaphthalene	8.78	142	592864	44.60	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	225835	32.65	ng	# 1
40) Hexachlorocyclopentadiene	8.94	237	281339	82.87	ng	98
42) 2,4,6-Trichlorophenol	9.05	196	177006	38.81	ng	97
43) 2,4,5-Trichlorophenol	9.10	196	192028	48.94	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	9.23	154	675312	39.22	ng	98
46) 2-Chloronaphthalene	9.26	162	521977	38.61	ng	96
47) 2-Nitroaniline	9.36	65	209095	43.58	ng	85
48) Acenaphthylene	9.68	152	903077	41.98	ng	99
49) Dimethylphthalate	9.54	163	619337	41.80	ng	99
50) 2,6-Dinitrotoluene	9.60	165	133894	40.78	ng	# 49
51) Acenaphthene	9.85	154	546698	41.46	ng	98
52) 3-Nitroaniline	9.76	138	97954	23.47	ng	82
53) 2,4-Dinitrophenol	9.87	184	36690	25.31	ng	# 77
54) Dibenzofuran	10.02	168	788754	45.71	ng	96
55) 4-Nitrophenol	9.94	139	283220	89.29	ng	# 83
56) 2,4-Dinitrotoluene	10.00	165	189658	44.18	ng	# 44
57) Fluorene	10.36	166	570656	42.91	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	142193	46.84	ng	# 47
59) Diethylphthalate	10.24	149	627516	42.21	ng	98
60) 4-Chlorophenyl-phenylether	10.35	204	261197	42.27	ng	97
61) 4-Nitroaniline	10.38	138	150089	37.37	ng	84
62) Azobenzene	10.51	77	786421	46.37	ng	96
64) 4,6-Dinitro-2-methylphenol	10.41	198	56729	26.38	ng	# 70
65) n-Nitrosodiphenylamine	10.48	169	543358	39.93	ng	100
66) 4-Bromophenyl-phenylether	10.84	248	175030	43.20	ng	94
67) Hexachlorobenzene	10.90	284	164666	36.72	ng	96
68) Atrazine	11.01	200	176688	41.67	ng	93
69) Pentachlorophenol	11.10	266	139416	52.53	ng	98
70) Phenanthrene	11.31	178	816089	37.13	ng	99
71) Anthracene	11.37	178	942223	43.12	ng	98
72) Carbazole	11.52	167	795696	38.69	ng	99
73) Di-n-butylphthalate	11.86	149	1070532	44.75	ng	99
74) Fluoranthene	12.49	202	841381	37.76	ng	97
76) Benzidine	12.62	184	564960	43.54	ng	99
77) Pyrene	12.72	202	813058	37.35	ng	99
79) Butylbenzylphthalate	13.35	149	435947	44.90	ng	# 85
80) Benzo(a)anthracene	13.90	228	697001	42.16	ng	100
81) 3,3'-Dichlorobenzidine	13.87	252	107033	17.22	ng	99
82) Chrysene	13.94	228	696412	42.58	ng	98
83) Bis(2-ethylhexyl)phthalate	13.91	149	493551	44.52	ng	99
84) Di-n-octyl phthalate	14.51	149	782154	41.53	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.64	276	556418	44.22	ng	# 100
87) Benzo(b)fluoranthene	14.91	252	1052309	79.61	ng	# 98
88) Benzo(k)fluoranthene	14.91	252	1052322	91.45	ng	# 96
89) Benzo(a)pyrene	15.25	252	480809	42.96	ng	98
90) Dibenzo(a,h)anthracene	16.65	278	451096	48.27	ng	99
91) Benzo(g,h,i)perylene	17.04	276	480875	49.72	ng	95

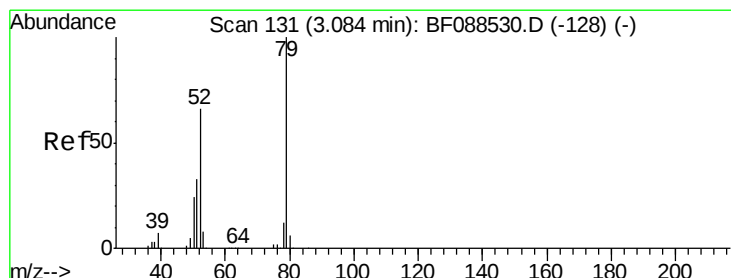
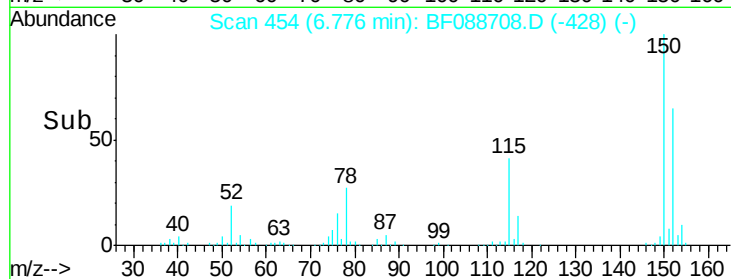
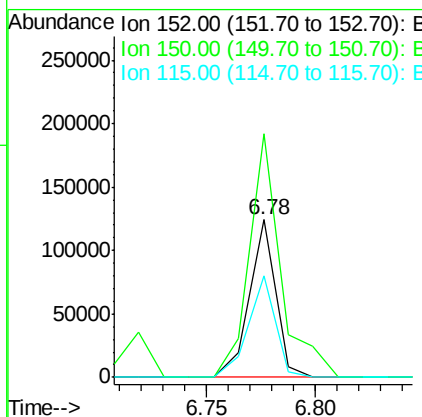
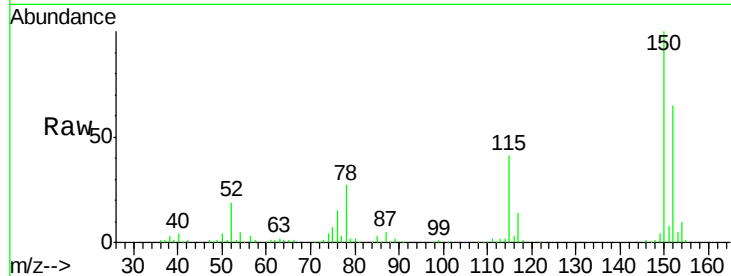
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.78 min Scan# 454
 Delta R.T. 0.00 min
 Lab File: BF088708.D
 Acq: 5 Jul 2016 17:43

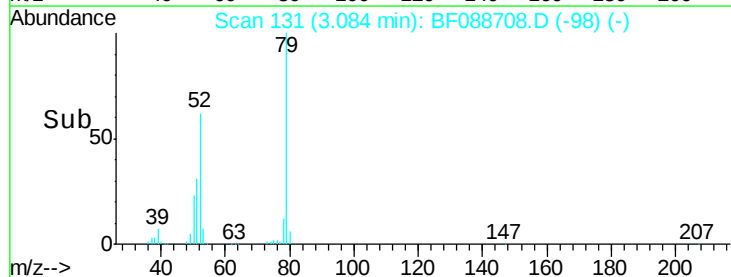
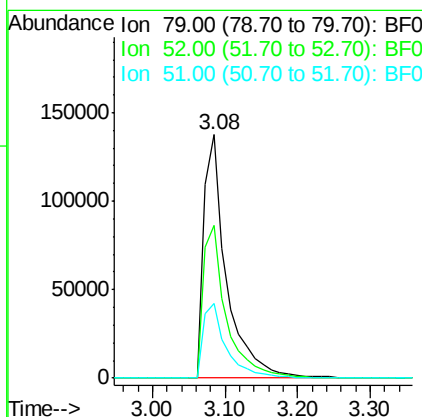
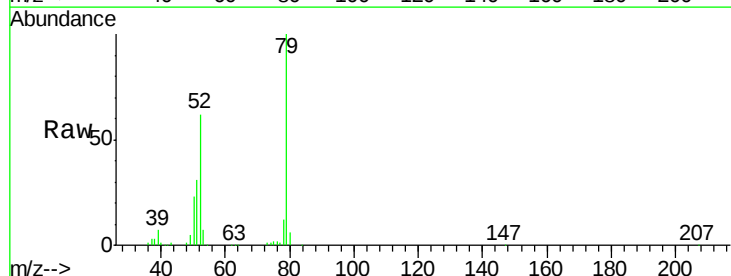
Instrument :
 BNA_F
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 PB91867BS

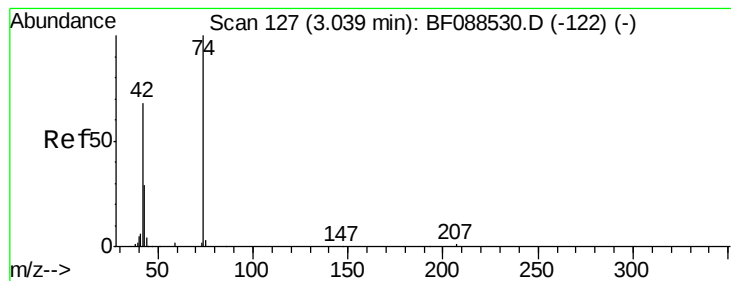
Tgt Ion:152 Resp: 104348
 Ion Ratio Lower Upper
 152 100
 150 154.6 123.8 185.6
 115 64.1 39.6 59.4#



#3
 Pyridine
 Concen: 29.83 ng
 RT: 3.08 min Scan# 131
 Delta R.T. 0.08 min
 Lab File: BF088708.D
 Acq: 5 Jul 2016 17:43

Tgt Ion: 79 Resp: 298817
 Ion Ratio Lower Upper
 79 100
 52 62.5 56.3 84.5
 51 30.7 27.4 41.2





#4

n-Nitrosodimethylamine

Concen: 32.25 ng

RT: 3.04 min Scan# 127

Delta R.T. 0.07 min

Lab File: BF088708.D

Acq: 5 Jul 2016 17:43

Instrument :

BNA_F

ClientSampleId :

PB91867BS

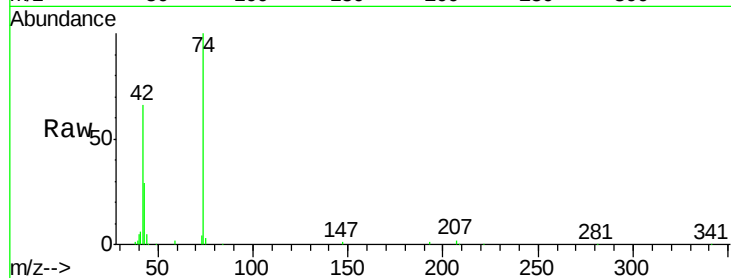
Tgt Ion: 42 Resp: 123421

Ion Ratio Lower Upper

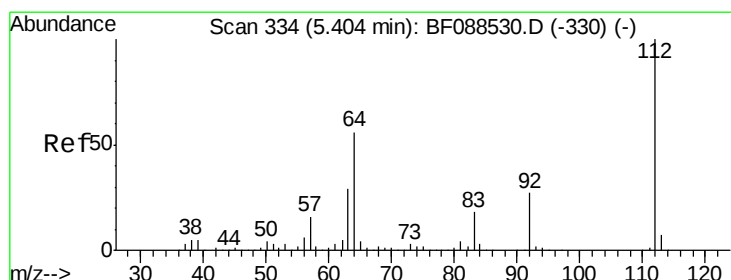
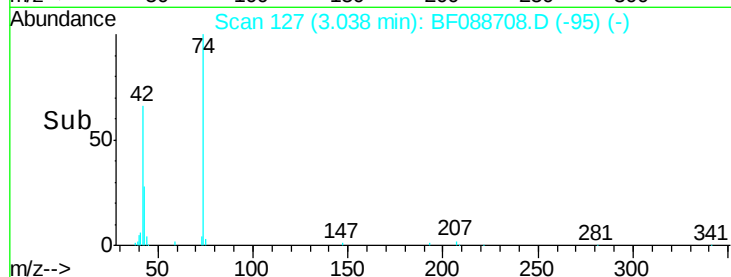
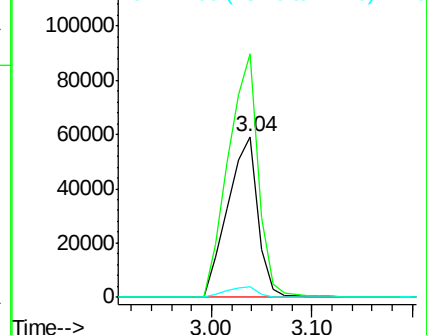
42 100

74 151.2 108.6 163.0

44 7.0 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: 102.45 ng

RT: 5.38 min Scan# 332

Delta R.T. 0.01 min

Lab File: BF088708.D

Acq: 5 Jul 2016 17:43

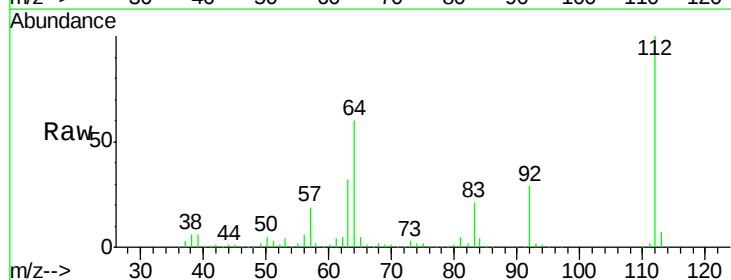
Tgt Ion: 112 Resp: 713332

Ion Ratio Lower Upper

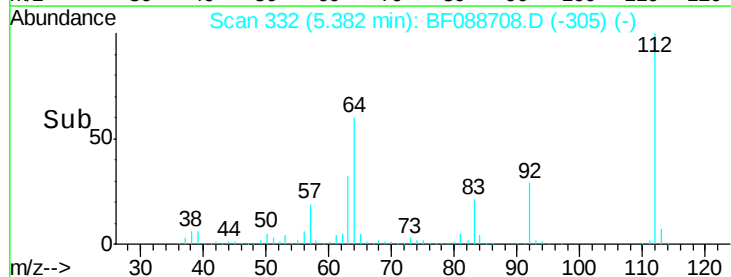
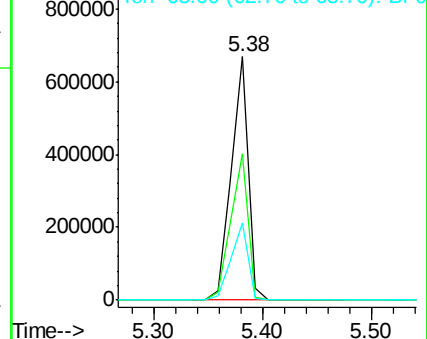
112 100

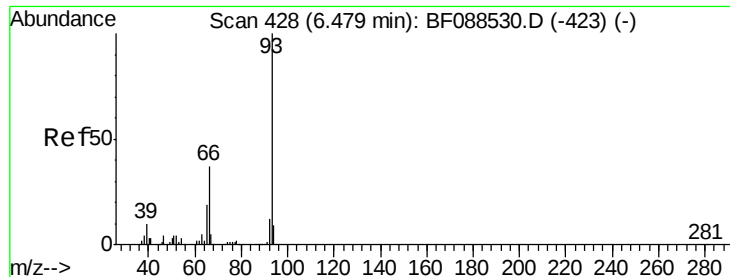
64 60.1 42.2 63.2

63 31.8 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: 23.72 ng

RT: 6.43 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF088708.D

Acq: 5 Jul 2016 17:43

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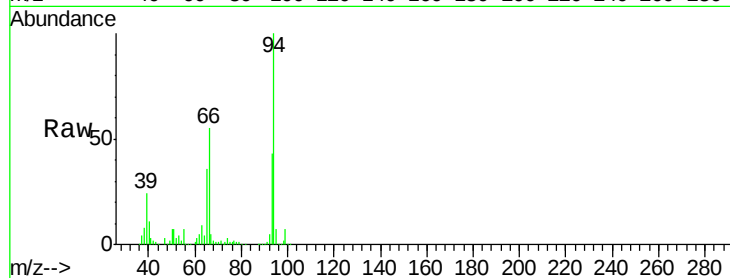
Tgt Ion: 93 Resp: 311015

Ion Ratio Lower Upper

93 100

66 125.9 29.8 44.8#

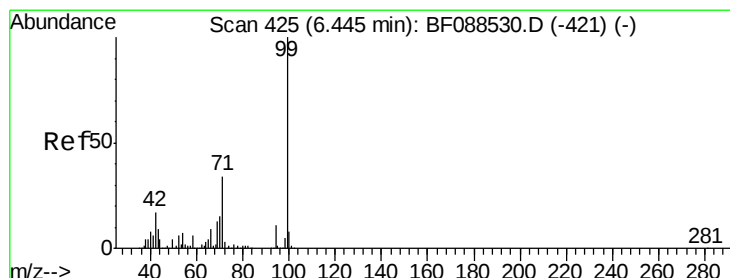
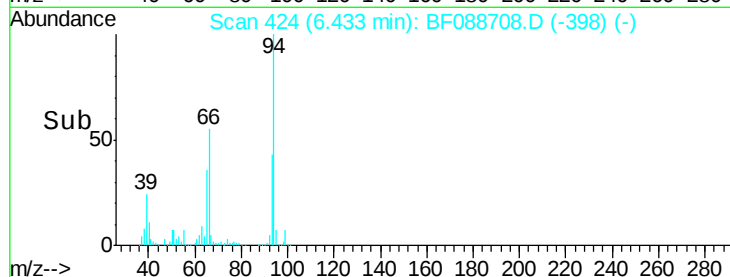
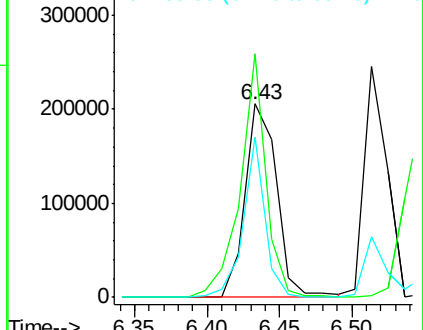
65 83.0 14.9 22.3#



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: 106.38 ng

RT: 6.42 min Scan# 423

Delta R.T. 0.01 min

Lab File: BF088708.D

Acq: 5 Jul 2016 17:43

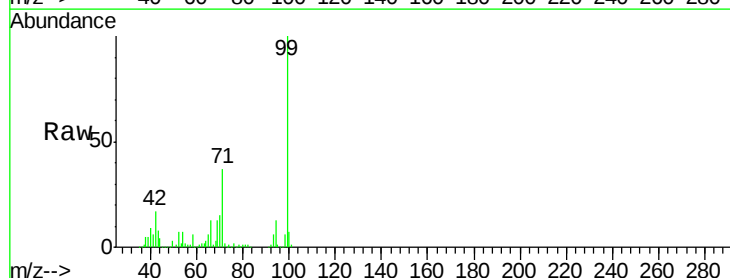
Tgt Ion: 99 Resp: 957062

Ion Ratio Lower Upper

99 100

42 17.3 12.2 18.2

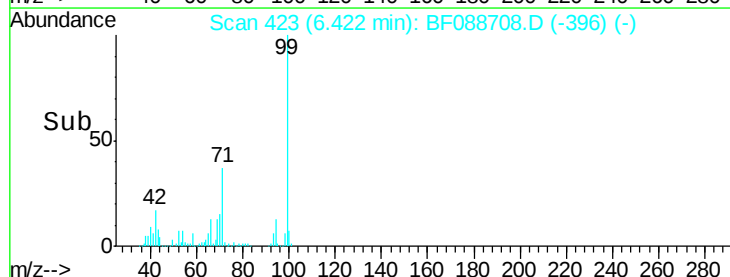
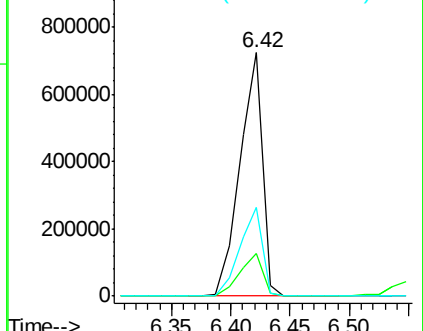
71 36.6 23.4 35.0#

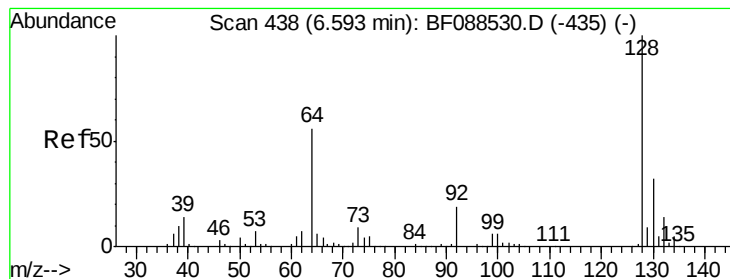


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#8

2-Chlorophenol

Concen: 37.41 ng

RT: 6.56 min Scan# 435

Delta R.T. 0.00 min

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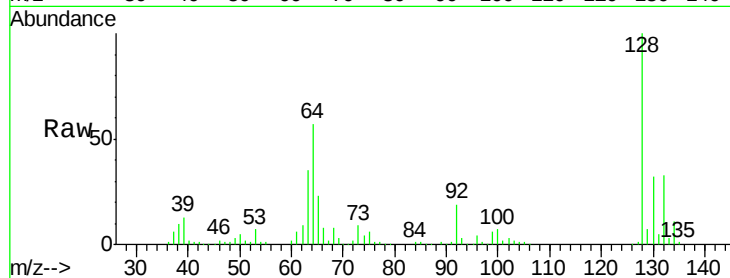
Tgt Ion:128 Resp: 279961

Ion Ratio Lower Upper

128 100

130 32.0 12.0 52.0

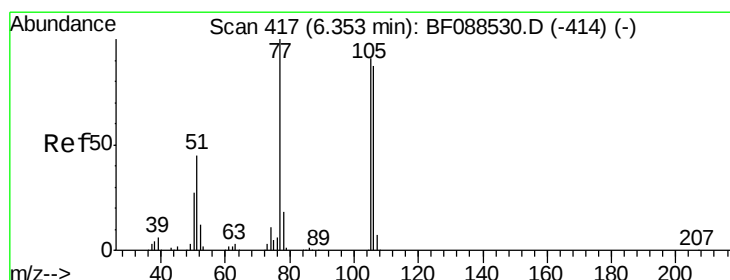
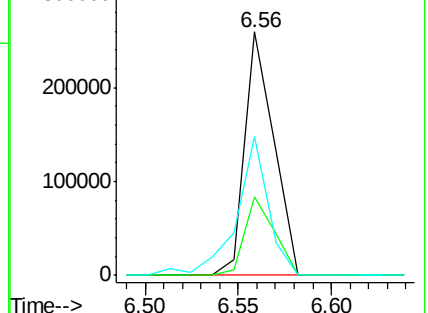
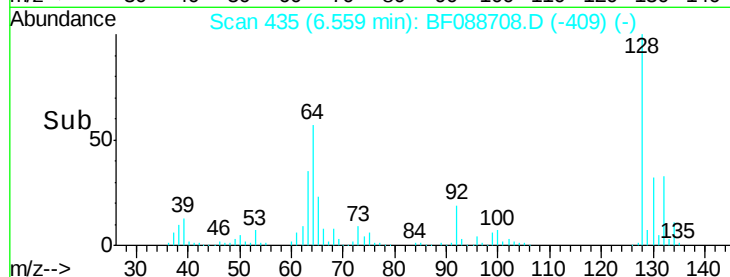
64 56.8 30.8 70.8



Abundance Ion 128.00 (127.70 to 128.70): B

Ion 130.00 (129.70 to 130.70): B

Ion 64.00 (63.70 to 64.70): B



#9

Benzaldehyde

Concen: 40.48 ng

RT: 6.32 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF088708.D

Acq: 5 Jul 2016 17:43

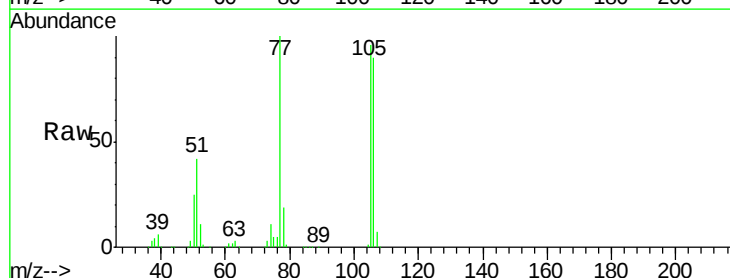
Tgt Ion: 77 Resp: 246665

Ion Ratio Lower Upper

77 100

105 96.3 90.6 130.6

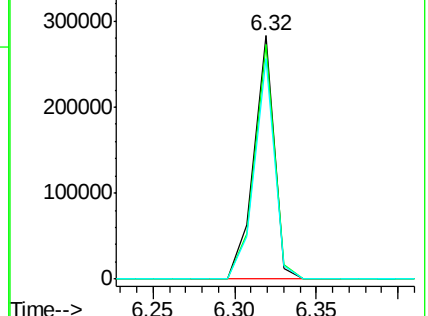
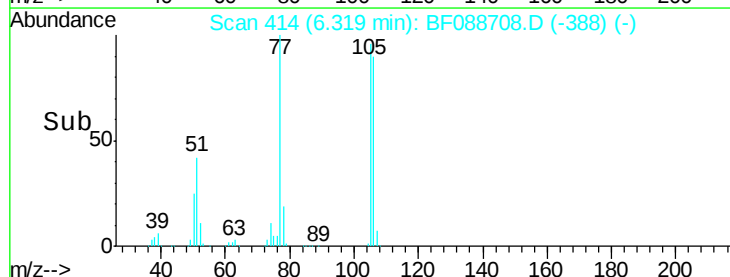
106 90.5 85.3 125.3

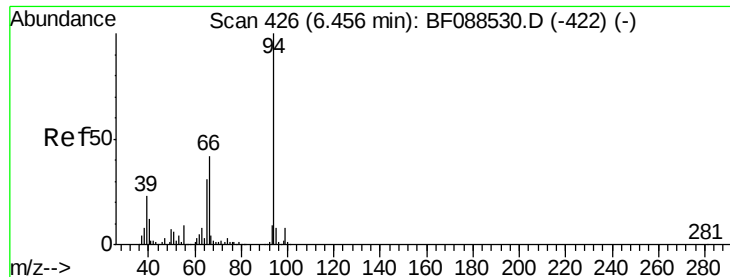


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#10

Phenol

Concen: 40.24 ng

RT: 6.43 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF088708.D

Acq: 5 Jul 2016 17:43

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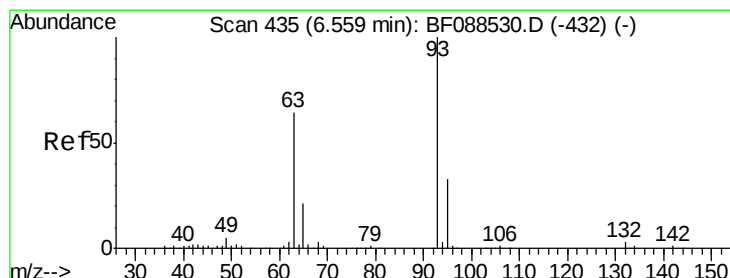
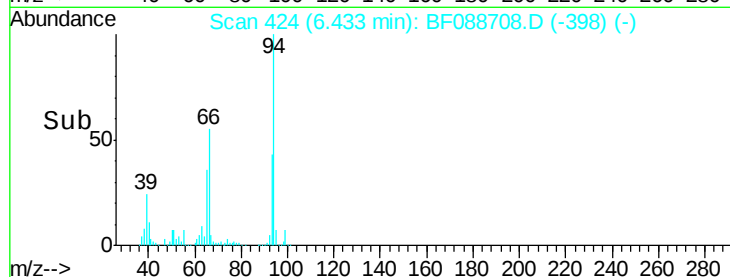
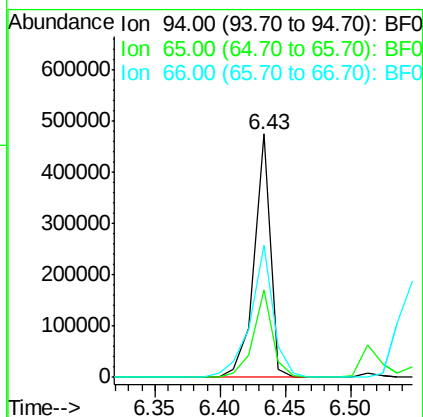
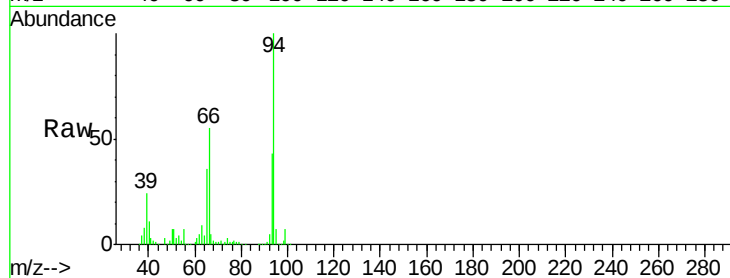
Tgt Ion: 94 Resp: 413141

Ion Ratio Lower Upper

94 100

65 36.0 5.9 45.9

66 54.6 14.0 54.0#



#11

bis(2-Chloroethyl)ether

Concen: 34.36 ng

RT: 6.51 min Scan# 431

Delta R.T. 0.00 min

Lab File: BF088708.D

Acq: 5 Jul 2016 17:43

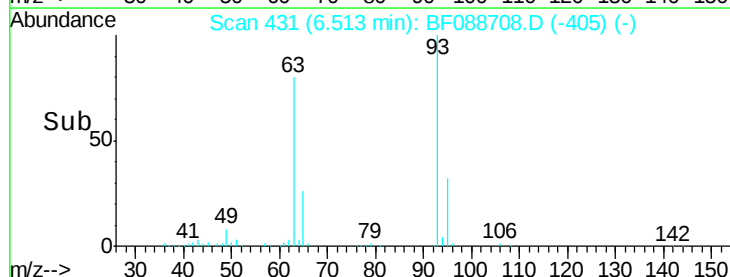
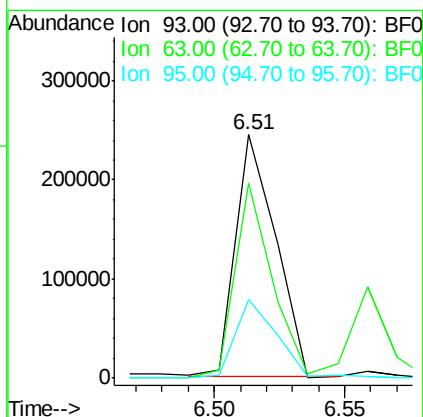
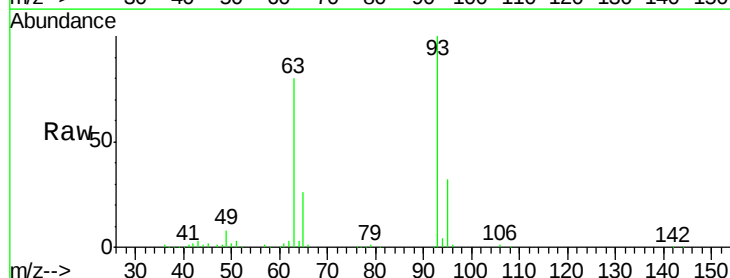
Tgt Ion: 93 Resp: 263125

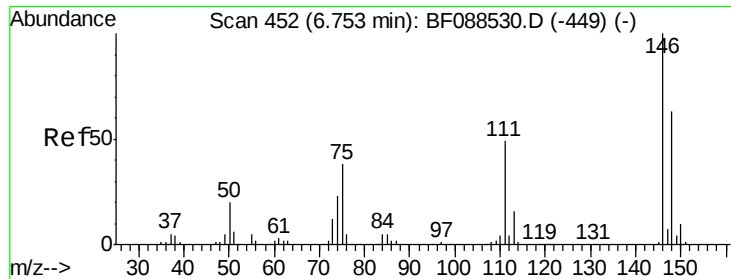
Ion Ratio Lower Upper

93 100

63 79.9 67.6 107.6

95 32.1 12.5 52.5

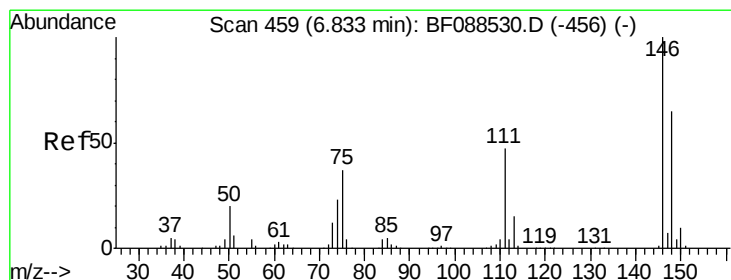
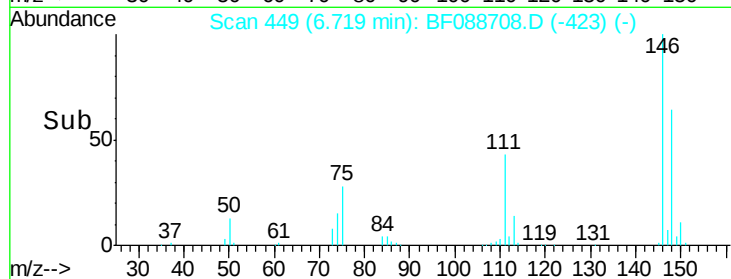
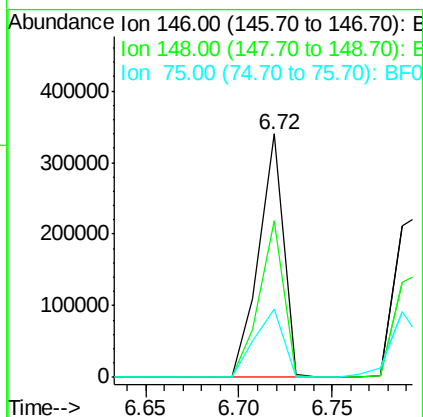
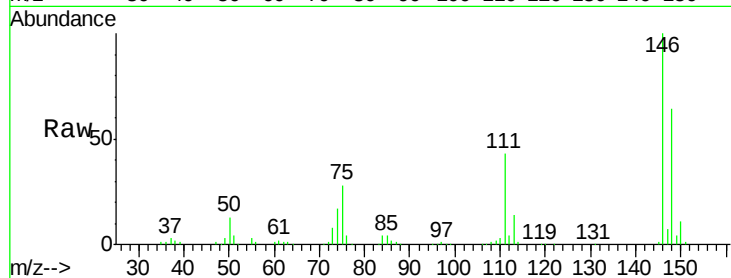




#12
 1,3-Dichlorobenzene
 Concen: 37.83 ng
 RT: 6.72 min Scan# 449
 Delta R.T. 0.00 min
 Lab File: BF088708.D
 Acq: 5 Jul 2016 17:43

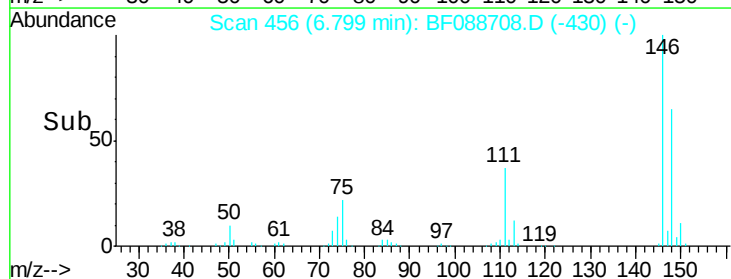
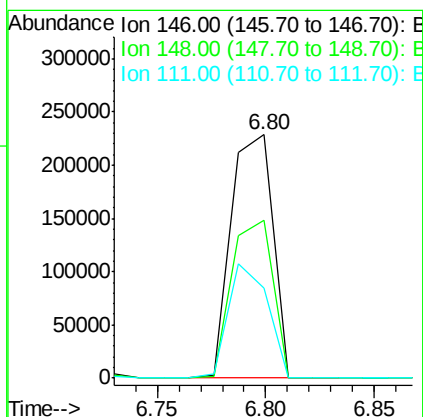
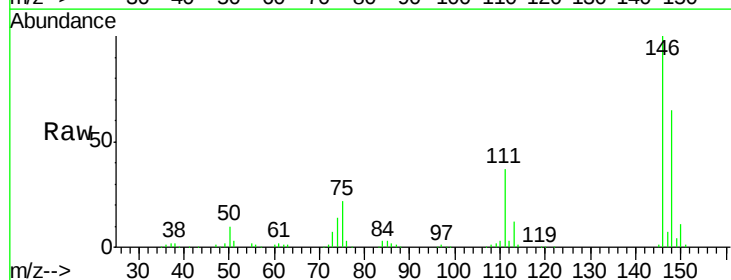
Instrument :
 BNA_F
 ClientSampleId :
 PB91867BS

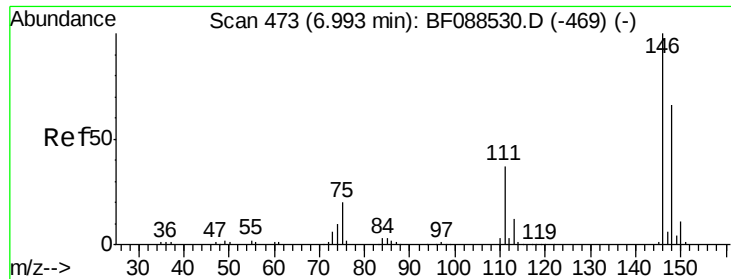
Tgt Ion:146 Resp: 311497
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.9 76.3
 75 28.2 25.6 38.4



#13
 1,4-Dichlorobenzene
 Concen: 37.32 ng
 RT: 6.80 min Scan# 456
 Delta R.T. 0.00 min
 Lab File: BF088708.D
 Acq: 5 Jul 2016 17:43

Tgt Ion:146 Resp: 305070
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.0 78.0
 111 37.2 33.8 50.8

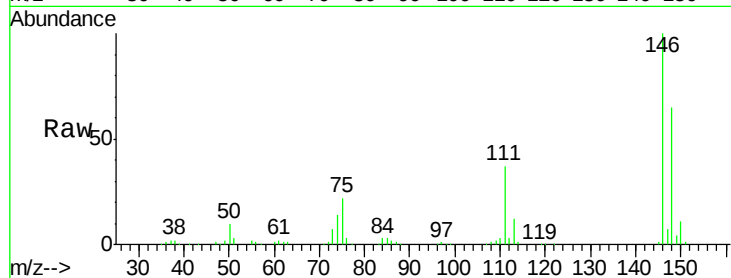




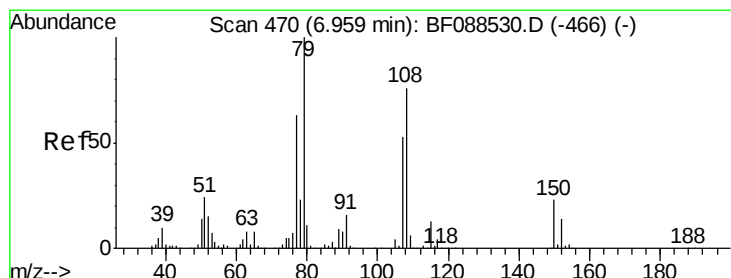
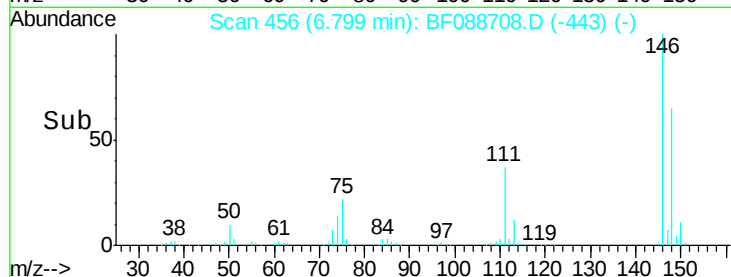
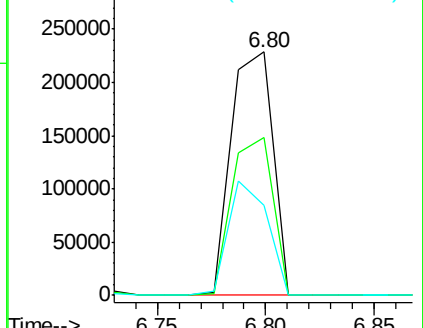
#14
 1,2-Dichlorobenzene
 Concen: 39.88 ng
 RT: 6.80 min Scan# 456
 Delta R.T. -0.15 min
 Lab File: BF088708.D
 Acq: 5 Jul 2016 17:43

Instrument :
 BNA_F
 ClientSampleId :
 PB91867BS

Tgt Ion:146 Resp: 305070
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.3 78.5
 111 37.2 28.7 43.1

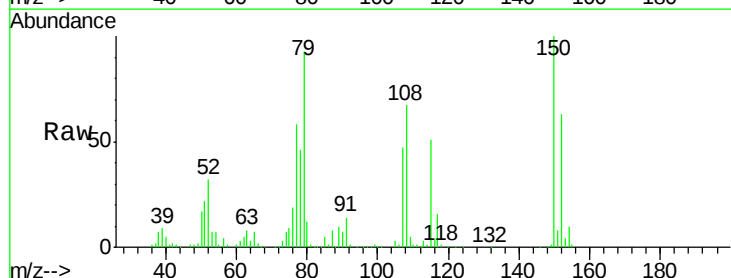


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

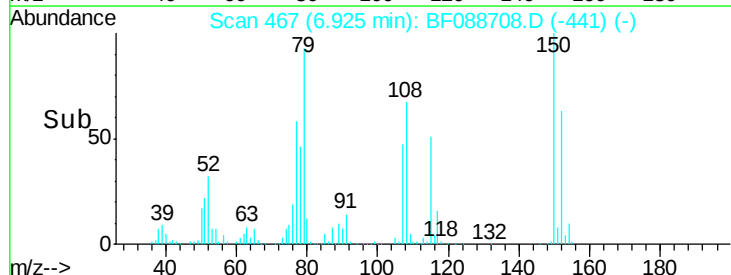
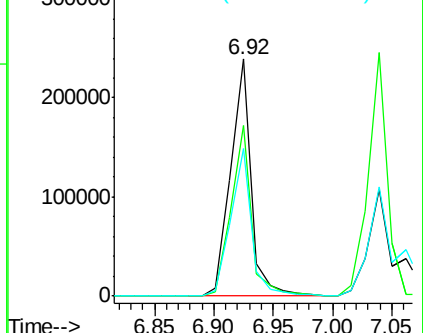


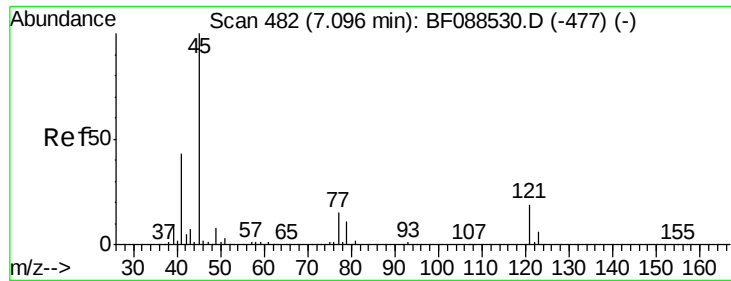
#15
 Benzyl Alcohol
 Concen: 43.61 ng
 RT: 6.92 min Scan# 467
 Delta R.T. 0.00 min
 Lab File: BF088708.D
 Acq: 5 Jul 2016 17:43

Tgt Ion: 79 Resp: 288783
 Ion Ratio Lower Upper
 79 100
 108 72.2 65.0 97.6
 77 62.1 50.3 75.5



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

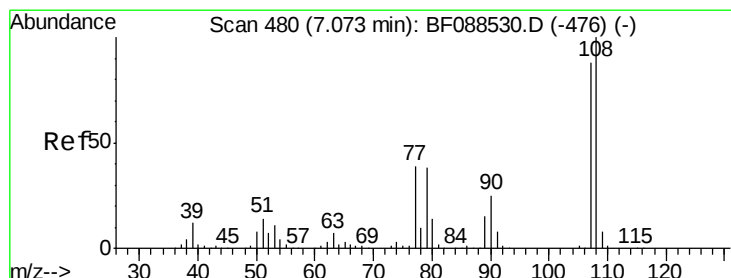
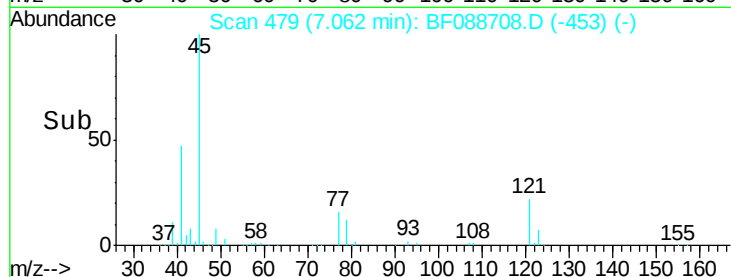
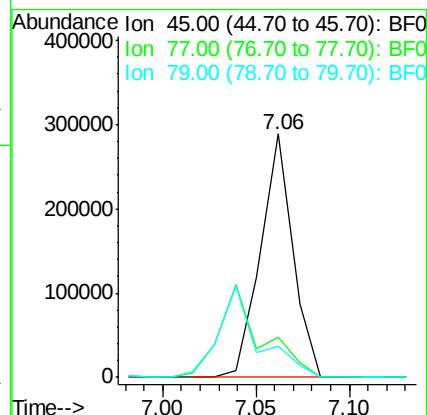
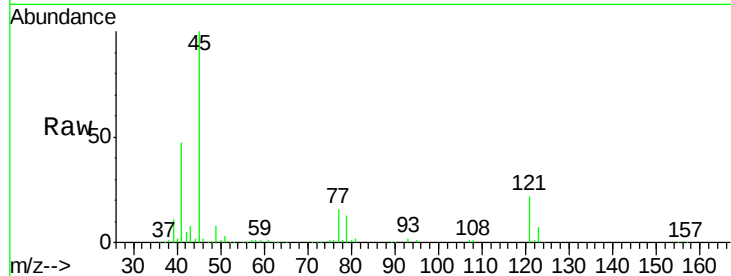




#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.15 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF088708.D
Acq: 5 Jul 2016 17:43

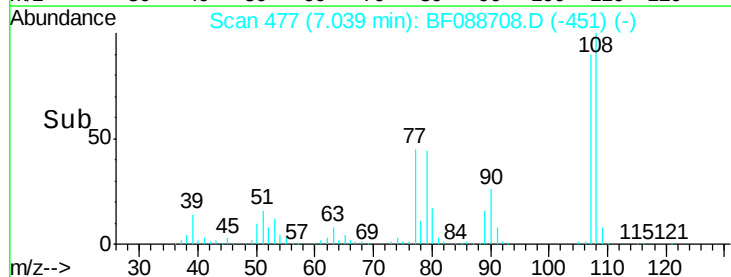
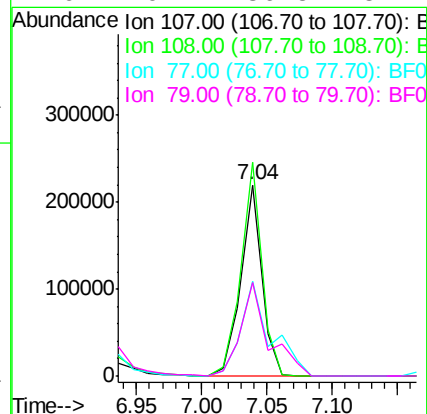
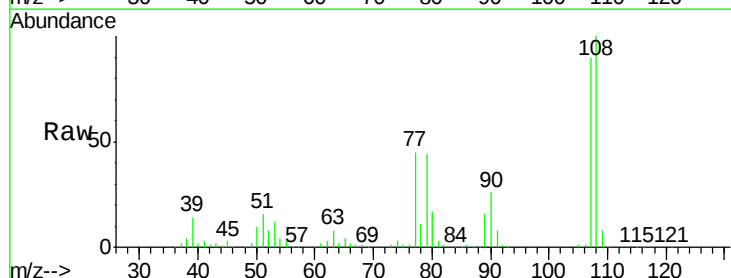
Instrument :
BNA_F
ClientSampleId :
PB91867BS

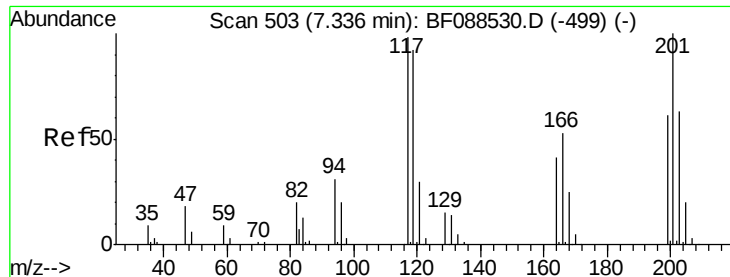
Tgt Ion: 45 Resp: 345444
Ion Ratio Lower Upper
45 100
77 16.3 0.0 32.5
79 12.9 0.0 29.5



#17
2-Methylphenol
Concen: 40.33 ng
RT: 7.04 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF088708.D
Acq: 5 Jul 2016 17:43

Tgt Ion: 107 Resp: 246183
Ion Ratio Lower Upper
107 100
108 111.7 90.9 136.3
77 49.8 36.6 55.0
79 49.1 36.5 54.7

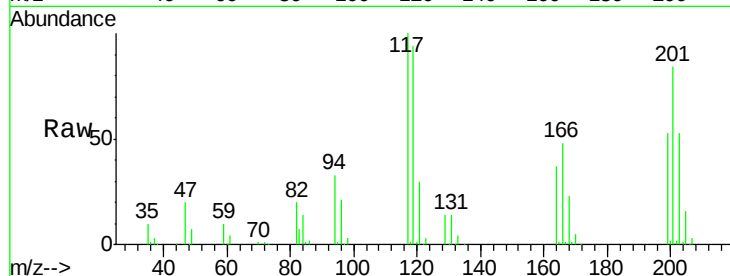




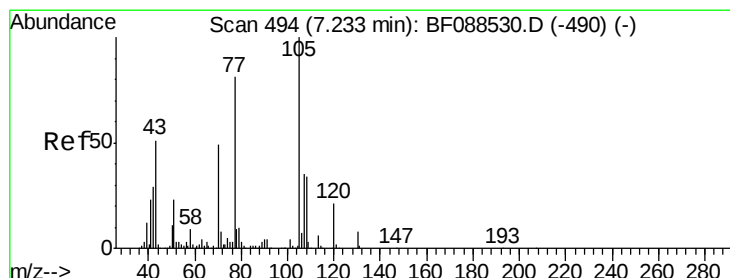
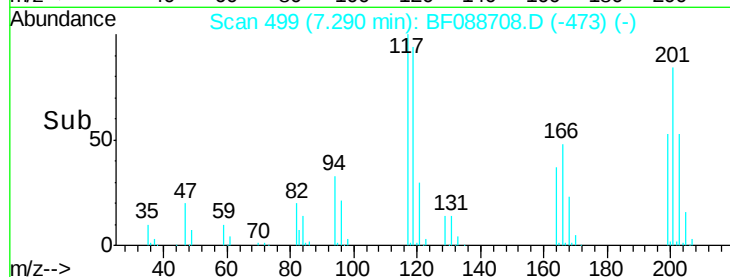
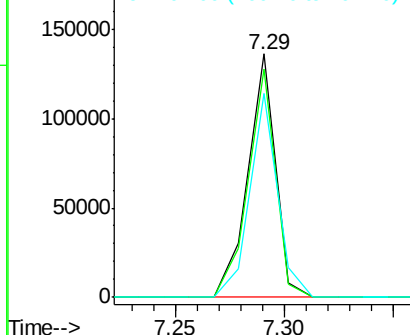
#18
Hexachloroethane
Concen: 37.93 ng
RT: 7.29 min Scan# 499
Delta R.T. 0.00 min
Lab File: BF088708.D
Acq: 5 Jul 2016 17:43

Instrument :
BNA_F
ClientSampleId :
PB91867BS

Tgt Ion: 117 Resp: 119906
Ion Ratio Lower Upper
117 100
119 93.5 77.4 116.2
201 83.7 80.4 120.6



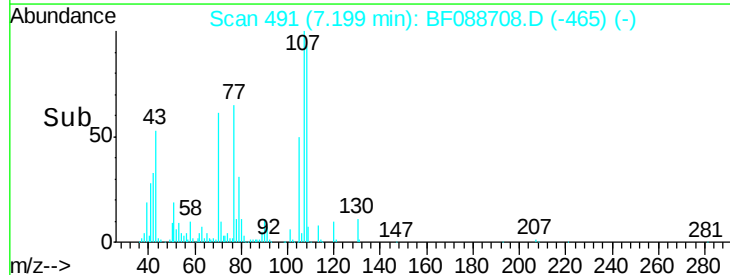
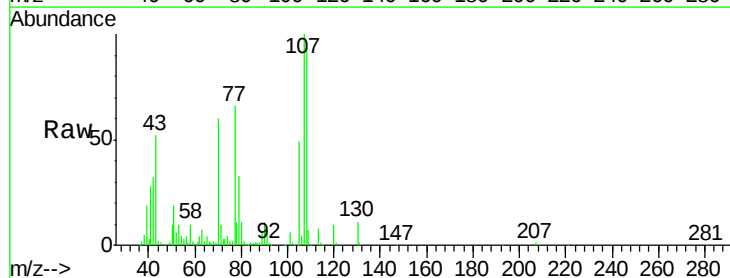
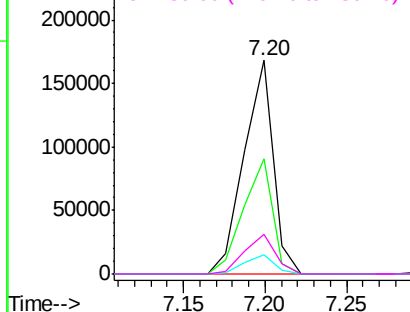
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

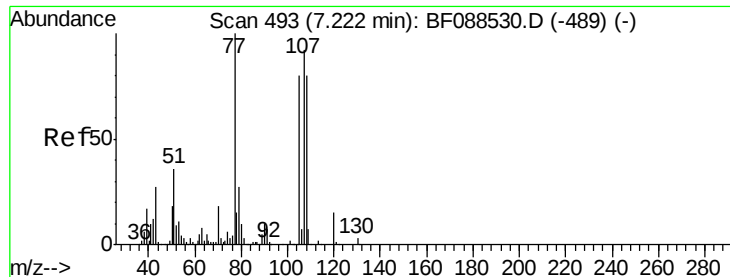


#19
n-Nitroso-di-n-propylamine
Concen: 34.54 ng
RT: 7.20 min Scan# 491
Delta R.T. 0.00 min
Lab File: BF088708.D
Acq: 5 Jul 2016 17:43

Tgt Ion: 70 Resp: 208724
Ion Ratio Lower Upper
70 100
42 53.7 49.6 74.4
101 9.2 7.1 10.7
130 18.6 15.4 23.2

Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 44.74 ng

RT: 7.20 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF088708.D

Acq: 5 Jul 2016 17:43

Instrument :

BNA_F

ClientSampleId :

PB91867BS

Tgt Ion:107 Resp: 327824

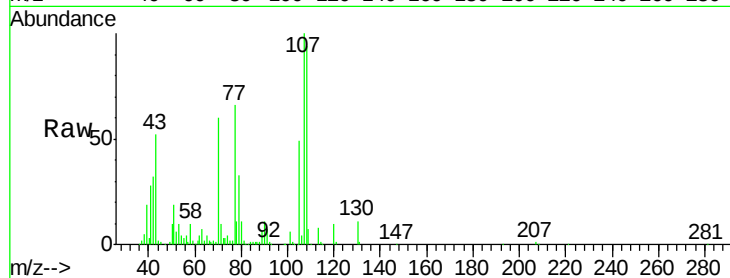
Ion Ratio Lower Upper

107 100

108 93.6 67.8 107.8

77 65.8 59.3 99.3

79 33.0 7.0 47.0

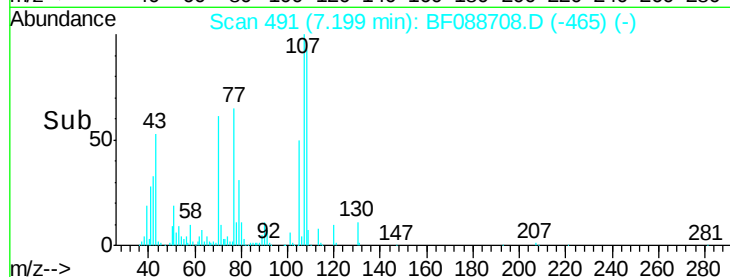


Abundance Ion 107.00 (106.70 to 107.70): E

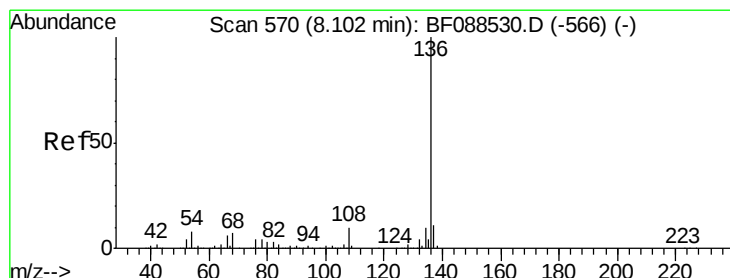
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF088708.D

Acq: 5 Jul 2016 17:43

Tgt Ion:136 Resp: 418731

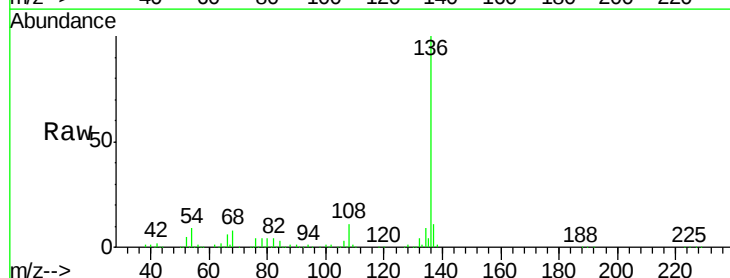
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 9.3 6.6 10.0

68 7.8 5.1 7.7#

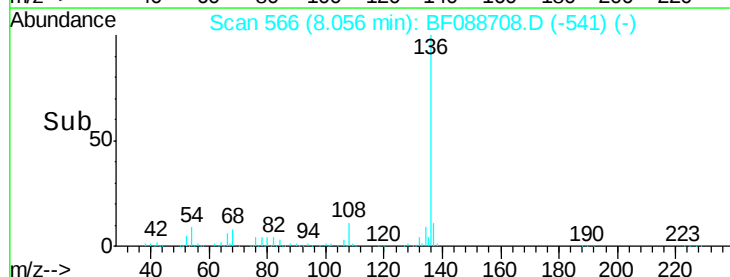


Abundance Ion 136.00 (135.70 to 136.70): E

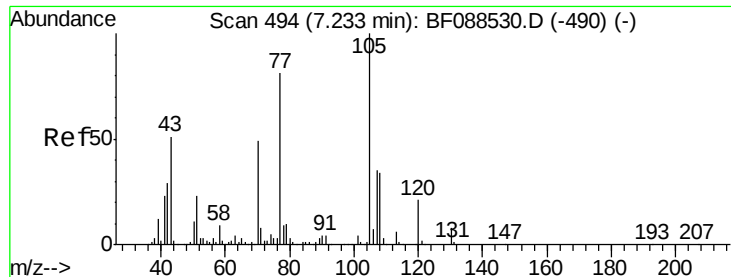
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



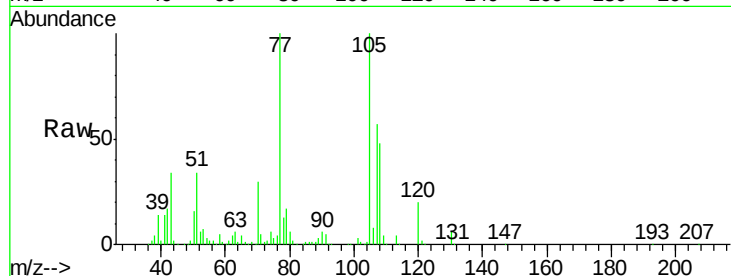
Time-->



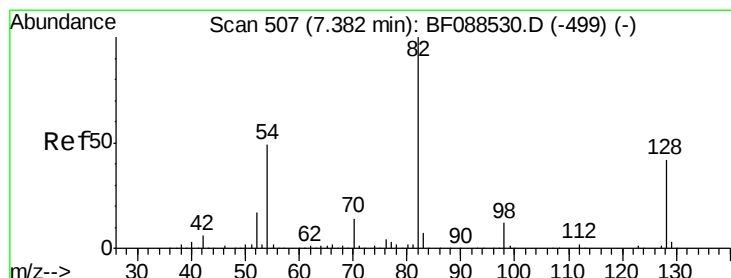
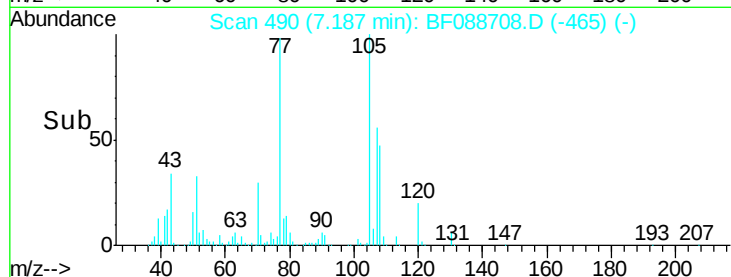
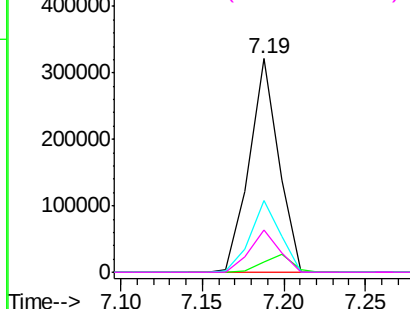
#22
Acetophenone
Concen: 39.47 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.01 min
Lab File: BF088708.D
Acq: 5 Jul 2016 17:43

Instrument :
BNA_F
ClientSampleId :
PB91867BS

Tgt Ion: 105 Resp: 401086
Ion Ratio Lower Upper
105 100
71 5.0 5.3 7.9#
51 33.6 18.2 27.4#
120 19.8 18.0 27.0

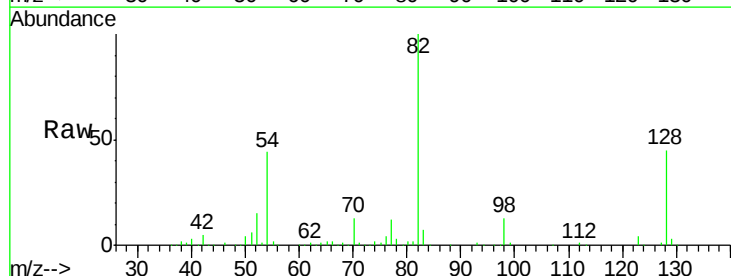


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

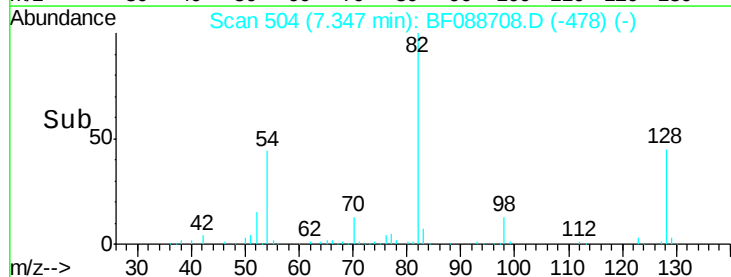
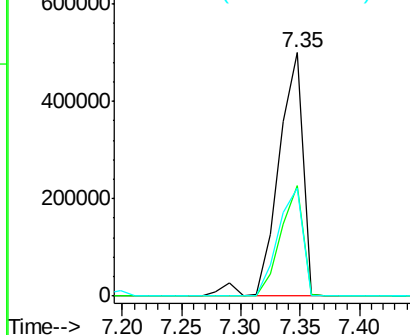


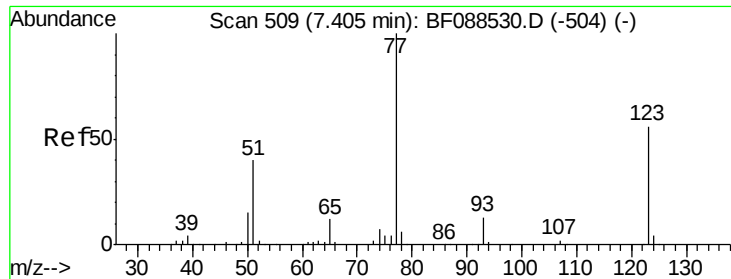
#23
Nitrobenzene-d5
Concen: 88.33 ng
RT: 7.35 min Scan# 504
Delta R.T. 0.00 min
Lab File: BF088708.D
Acq: 5 Jul 2016 17:43

Tgt Ion: 82 Resp: 705798
Ion Ratio Lower Upper
82 100
128 45.4 35.9 53.9
54 44.3 40.9 61.3



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





#24

Nitrobenzene

Concen: 38.75 ng

RT: 7.36 min Scan# 505

Delta R.T. 0.00 min

Lab File: BF088708.D

Acq: 5 Jul 2016 17:43

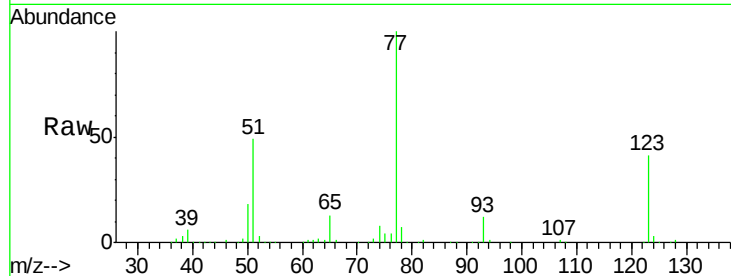
Instrument :

BNA_F

ClientSampleId :

PB91867BS

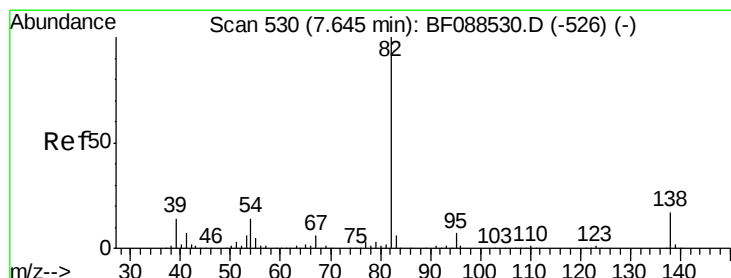
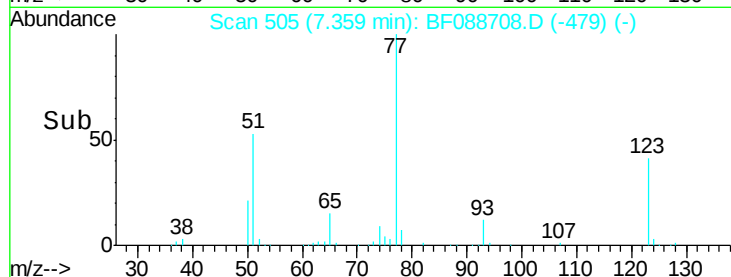
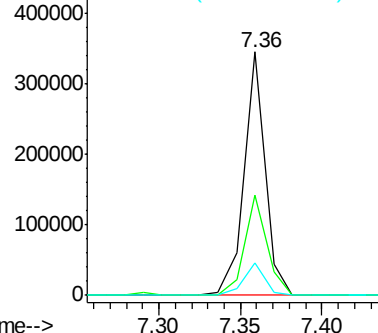
Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.1	45.0	67.4#
65	13.4	10.2	15.2



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 41.95 ng

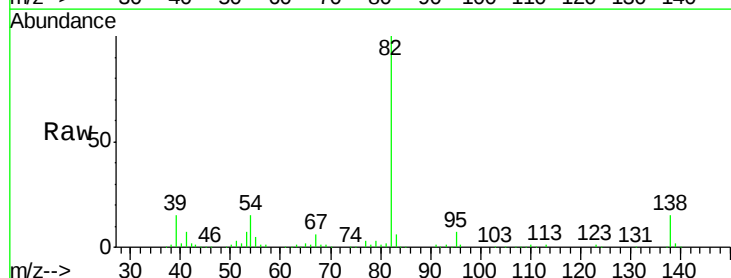
RT: 7.60 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF088708.D

Acq: 5 Jul 2016 17:43

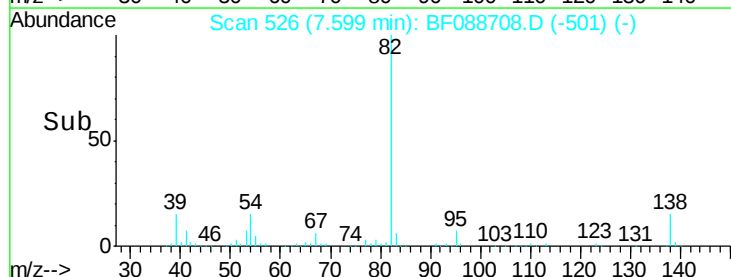
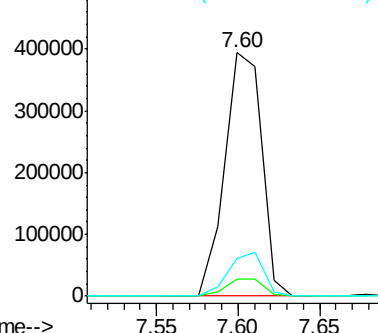
Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.4	8.2
138	15.3	14.6	21.8

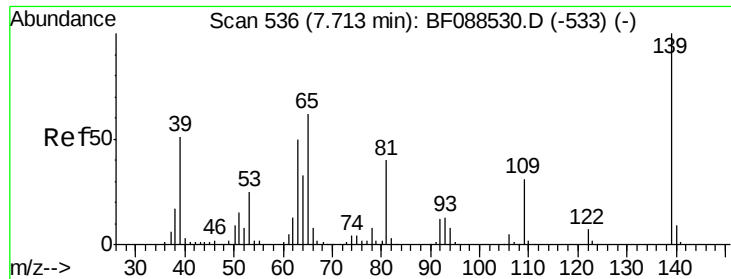


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

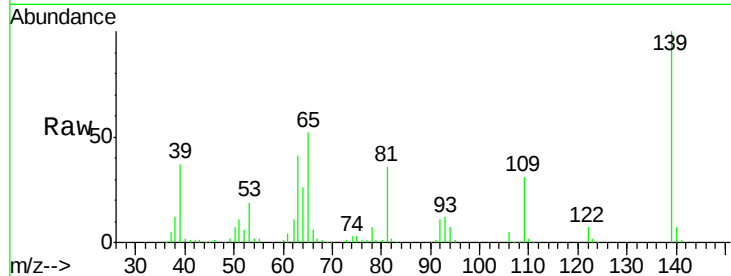




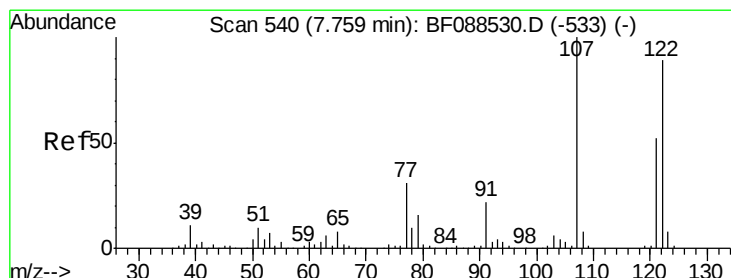
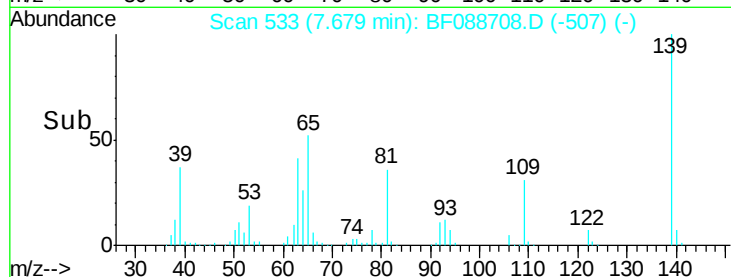
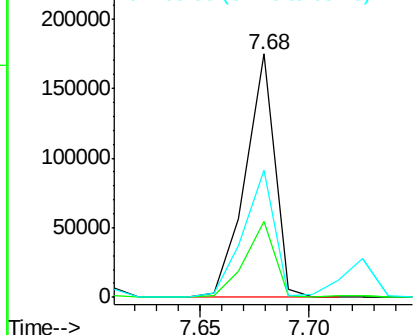
#26
2-Nitrophenol
Concen: 49.72 ng
RT: 7.68 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF088708.D
Acq: 5 Jul 2016 17:43

Instrument :
BNA_F
ClientSampleId :
PB91867BS

Tgt Ion:139 Resp: 164240
Ion Ratio Lower Upper
139 100
109 31.3 23.0 34.4
65 52.4 45.8 68.8

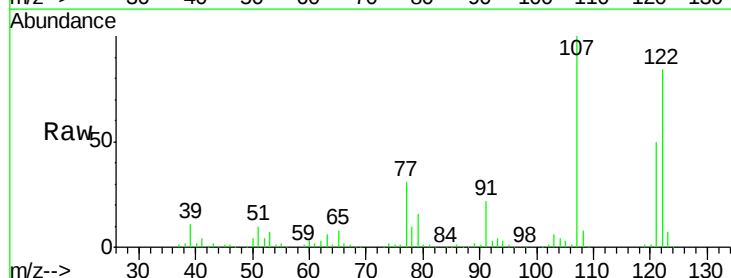


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

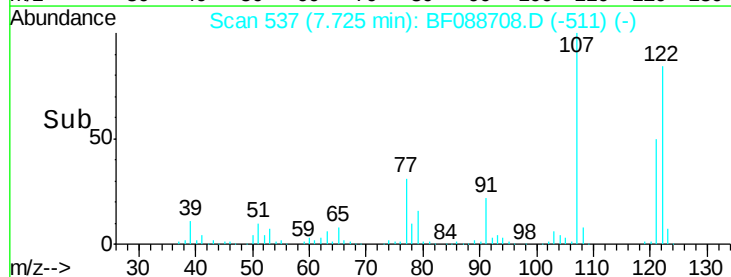
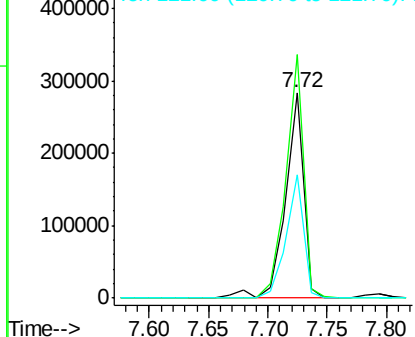


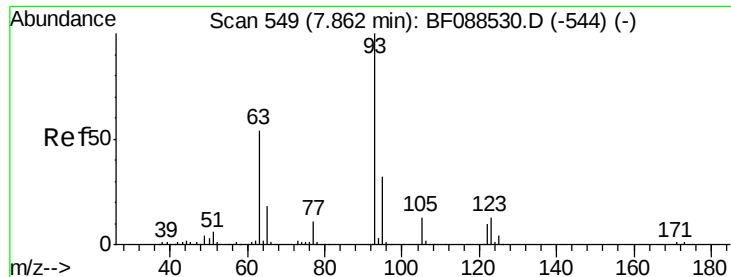
#27
2,4-Dimethylphenol
Concen: 43.43 ng
RT: 7.72 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF088708.D
Acq: 5 Jul 2016 17:43

Tgt Ion:122 Resp: 298818
Ion Ratio Lower Upper
122 100
107 118.6 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

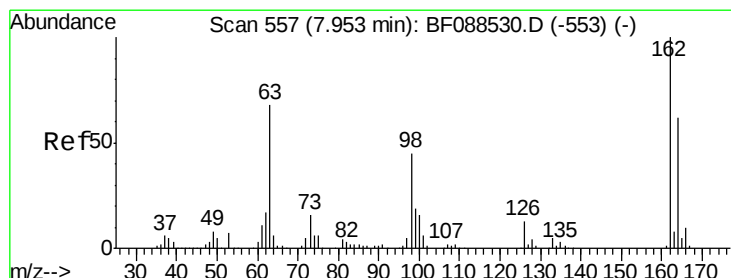
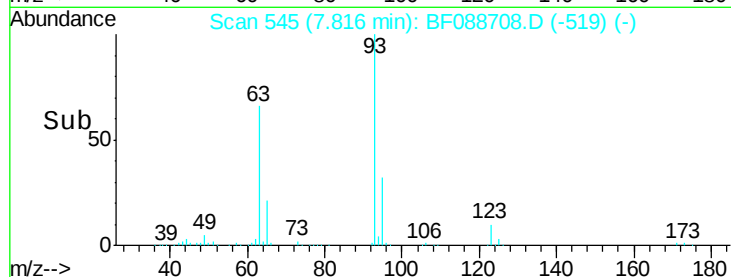
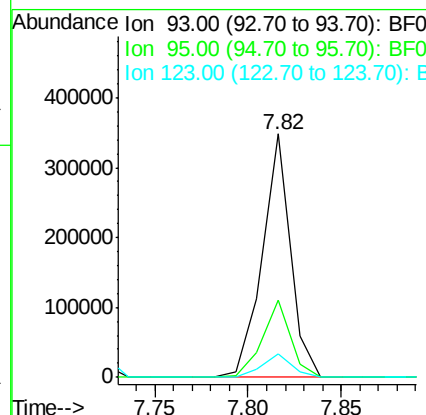
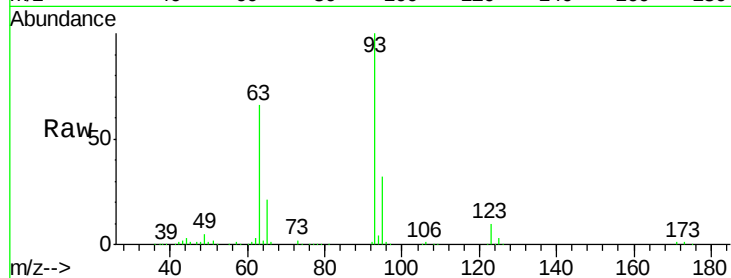




#28
bis(2-Chloroethoxy)methane
Concen: 37.66 ng
RT: 7.82 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF088708.D
Acq: 5 Jul 2016 17:43

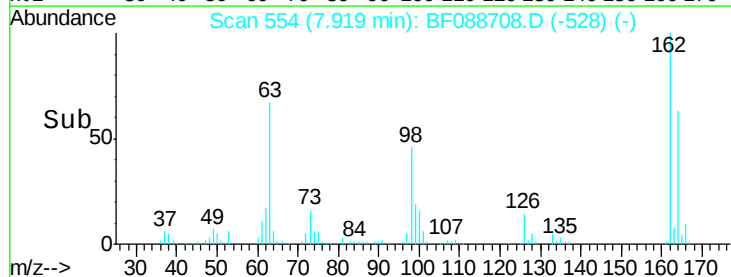
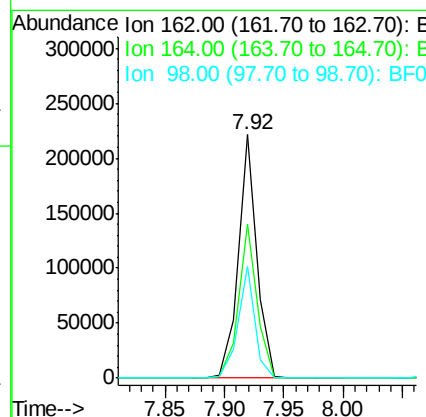
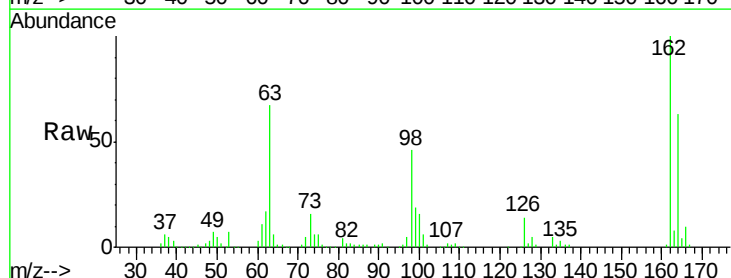
Instrument :
BNA_F
ClientSampleId :
PB91867BS

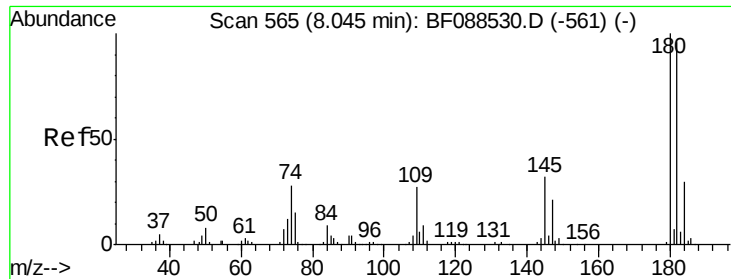
Tgt Ion: 93 Resp: 362781
Ion Ratio Lower Upper
93 100
95 31.8 26.5 39.7
123 9.8 11.6 17.4#



#29
2,4-Dichlorophenol
Concen: 43.31 ng
RT: 7.92 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF088708.D
Acq: 5 Jul 2016 17:43

Tgt Ion: 162 Resp: 240873
Ion Ratio Lower Upper
162 100
164 63.1 43.8 83.8
98 45.9 21.3 61.3

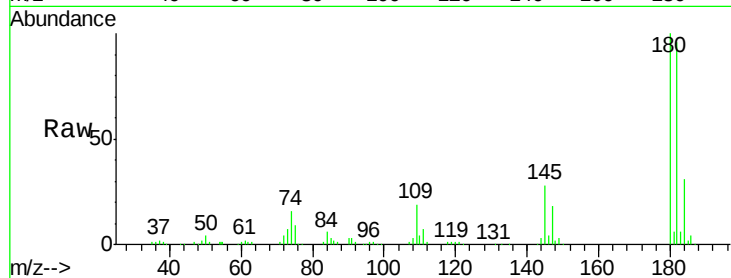




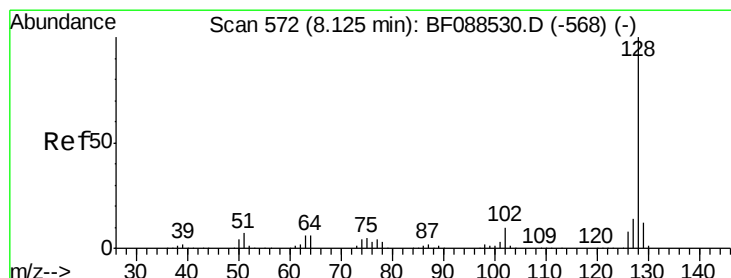
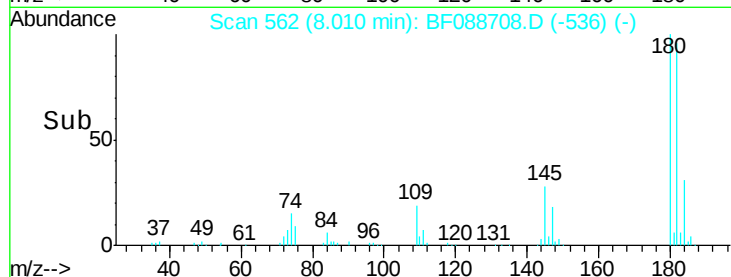
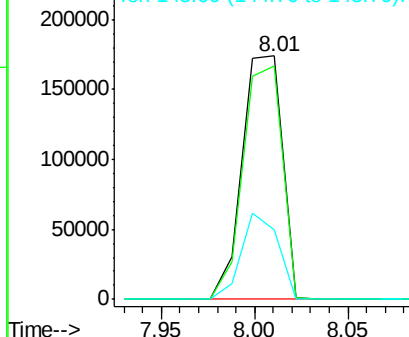
#30
 1,2,4-Trichlorobenzene
 Concen: 42.46 ng
 RT: 8.01 min Scan# 562
 Delta R.T. 0.00 min
 Lab File: BF088708.D
 Acq: 5 Jul 2016 17:43

Instrument :
 BNA_F
 ClientSampleId :
 PB91867BS

Tgt Ion:180 Resp: 259123
 Ion Ratio Lower Upper
 180 100
 182 96.0 76.0 114.0
 145 28.4 26.5 39.7

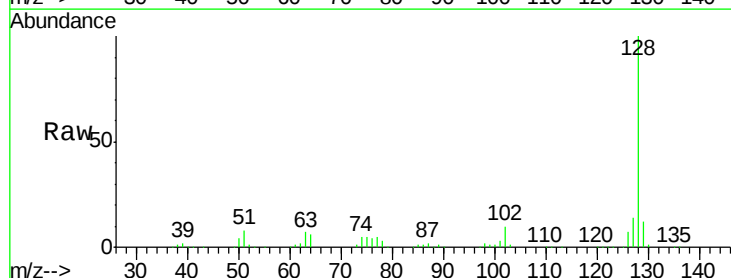


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

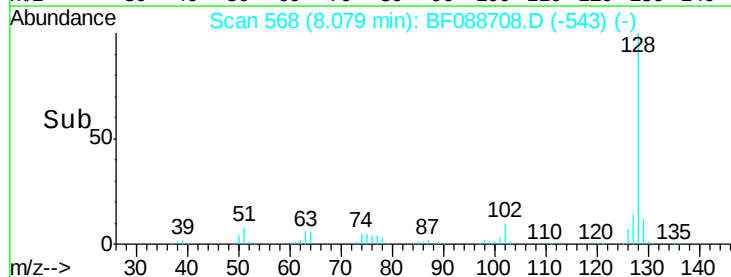
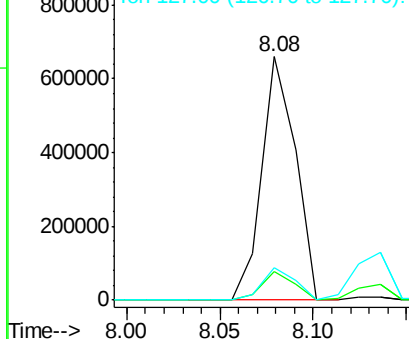


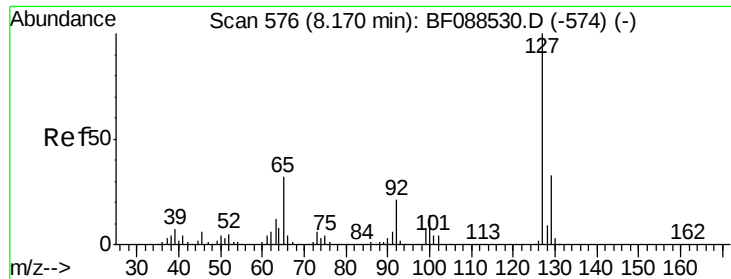
#31
 Naphthalene
 Concen: 39.79 ng
 RT: 8.08 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: BF088708.D
 Acq: 5 Jul 2016 17:43

Tgt Ion:128 Resp: 821429
 Ion Ratio Lower Upper
 128 100
 129 11.5 9.4 14.2
 127 13.5 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

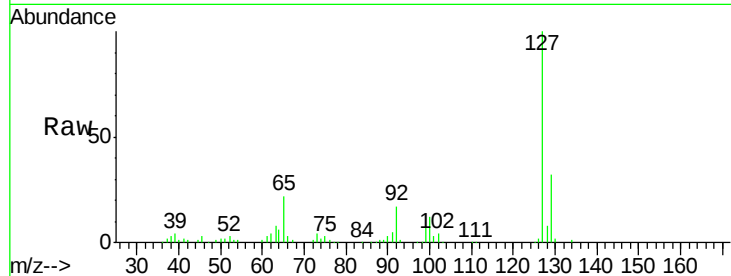




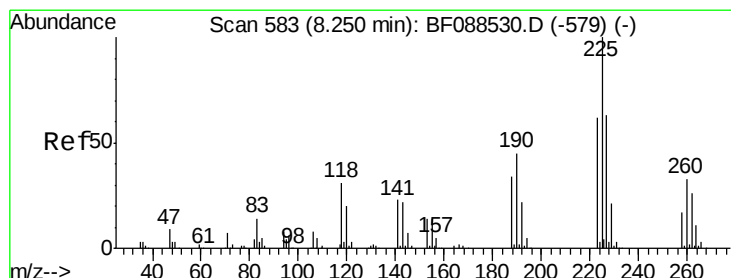
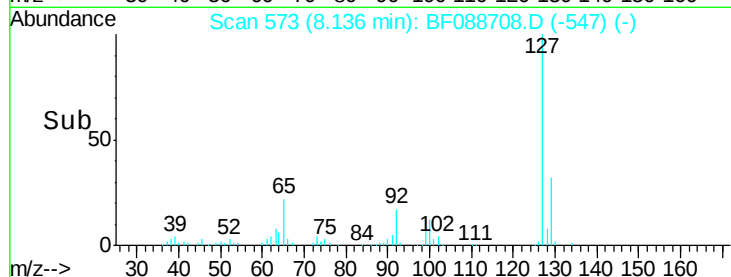
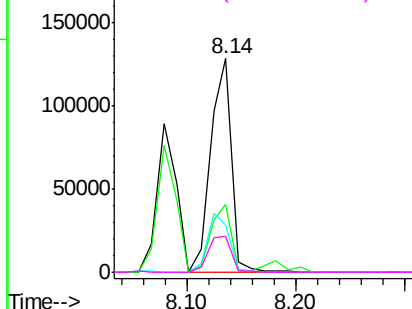
#33
4-Chloroaniline
Concen: 18.71 ng
RT: 8.14 min Scan# 573
Delta R.T. 0.00 min
Lab File: BF088708.D
Acq: 5 Jul 2016 17:43

Instrument :
BNA_F
ClientSampleId :
PB91867BS

Tgt Ion:	127	Resp:	171858
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.3	39.5
65	22.2	24.7	37.1#
92	16.9	15.4	23.0

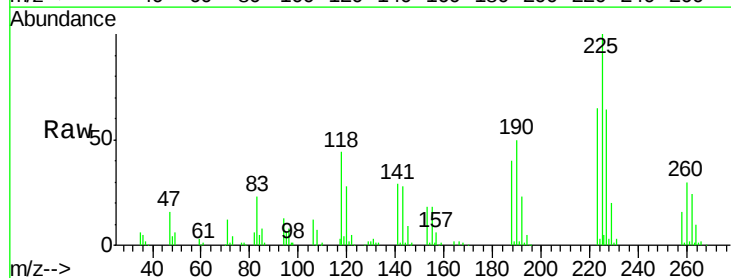


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

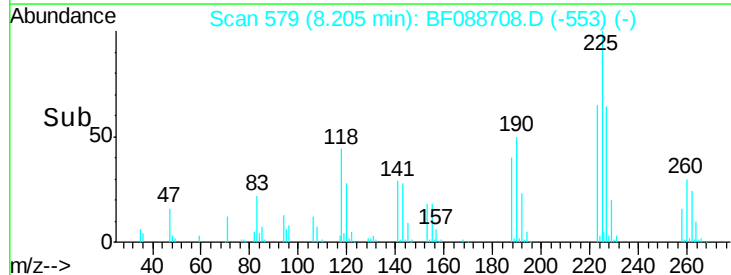
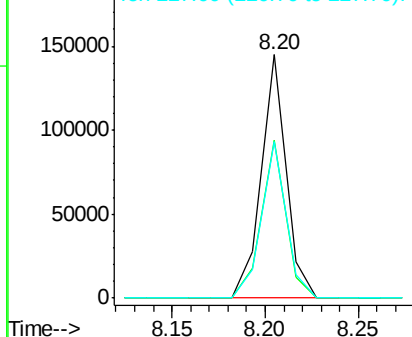


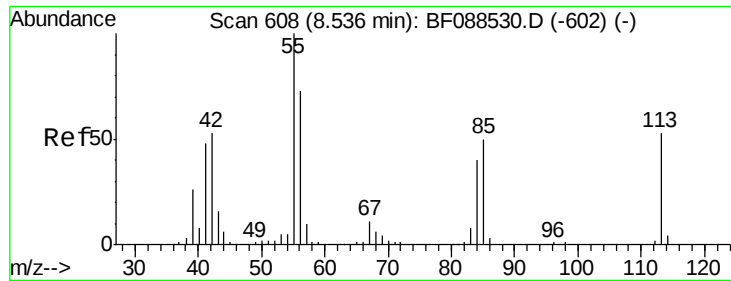
#34
Hexachlorobutadiene
Concen: 40.84 ng
RT: 8.20 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF088708.D
Acq: 5 Jul 2016 17:43

Tgt Ion:	225	Resp:	133435
Ion	Ratio	Lower	Upper
225	100		
223	64.8	50.9	76.3
227	64.1	51.9	77.9



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

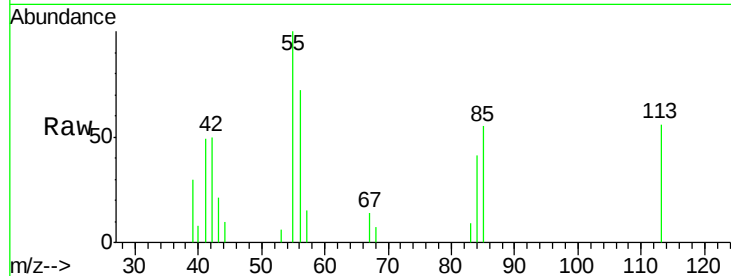




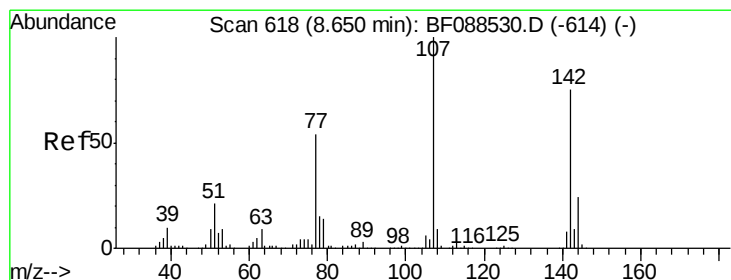
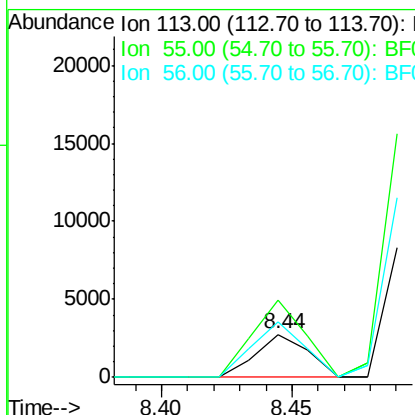
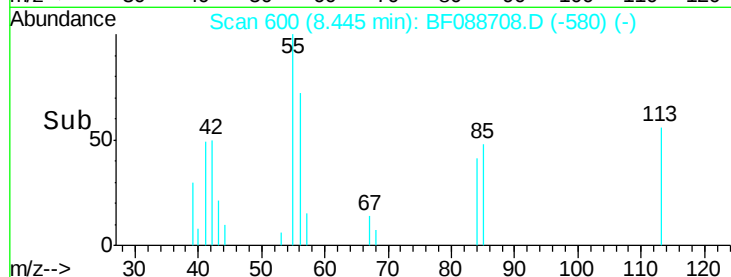
#35
 Caprolactam
 Concen: 2.04 ng
 RT: 8.44 min Scan# 600
 Delta R.T. -0.07 min
 Lab File: BF088708.D
 Acq: 5 Jul 2016 17:43

Instrument :
 BNA_F
 ClientSampleId :
 PB91867BS

Tgt Ion:113 Resp: 3860
 Ion Ratio Lower Upper
 113 100
 55 179.4 158.6 198.6
 56 128.6 110.6 150.6

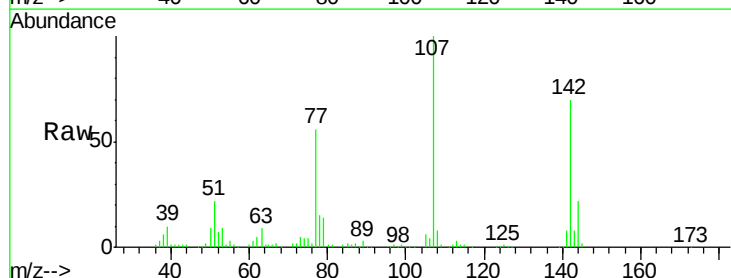


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

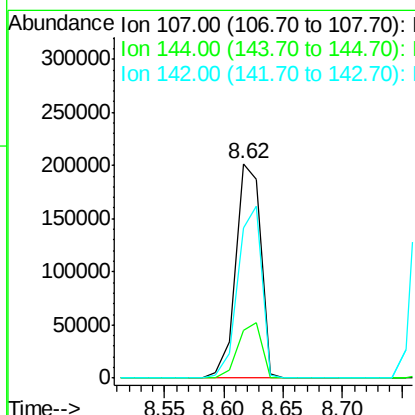
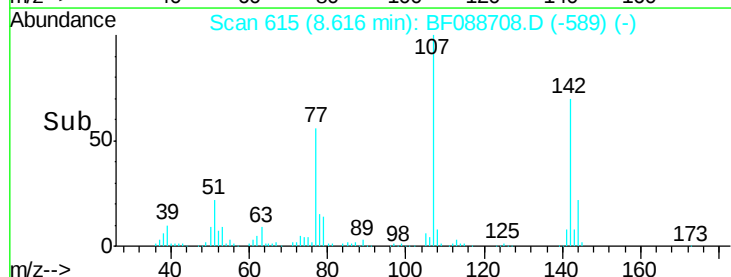


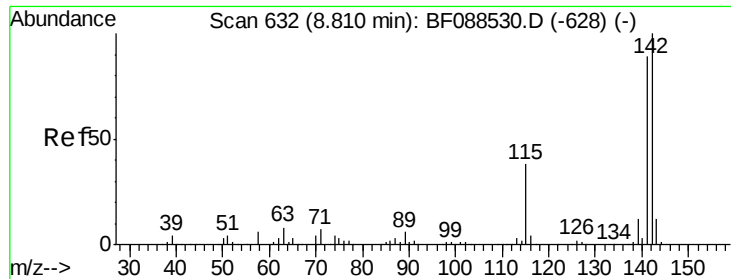
#36
 4-Chloro-3-methylphenol
 Concen: 45.05 ng
 RT: 8.62 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF088708.D
 Acq: 5 Jul 2016 17:43

Tgt Ion:107 Resp: 296225
 Ion Ratio Lower Upper
 107 100
 144 22.0 20.8 31.2
 142 70.1 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

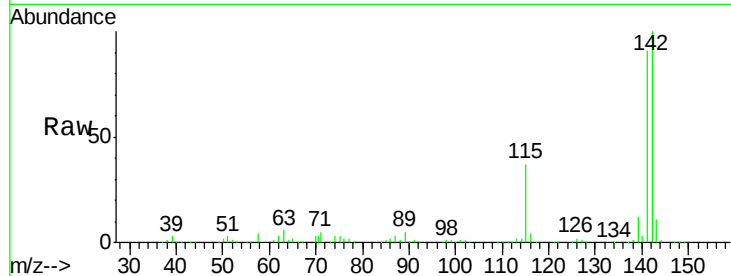




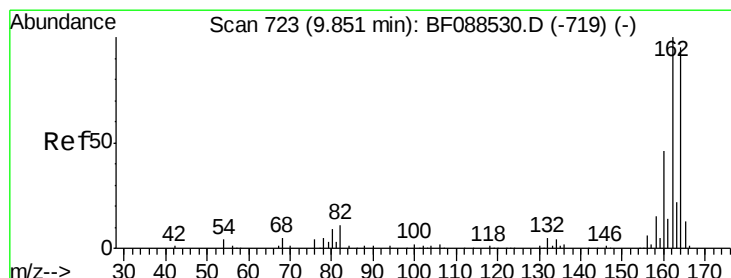
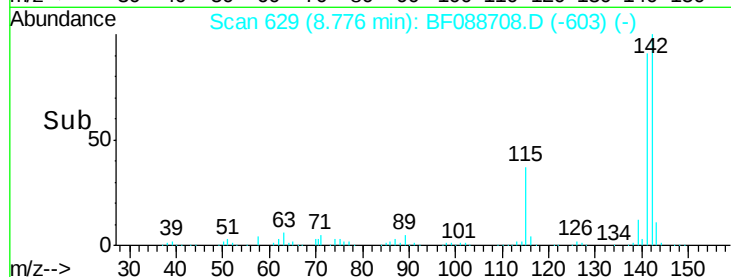
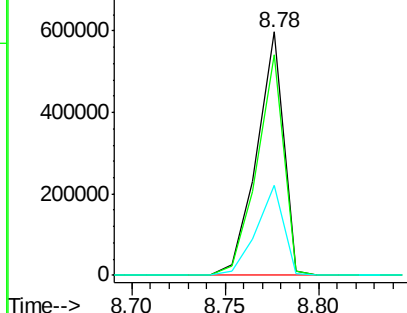
#37
 2-Methylnaphthalene
 Concen: 44.60 ng
 RT: 8.78 min Scan# 629
 Delta R.T. 0.00 min
 Lab File: BF088708.D
 Acq: 5 Jul 2016 17:43

Instrument :
 BNA_F
 ClientSampleId :
 PB91867BS

Tgt Ion:142 Resp: 592864
 Ion Ratio Lower Upper
 142 100
 141 90.6 71.0 106.6
 115 37.1 22.6 33.8#

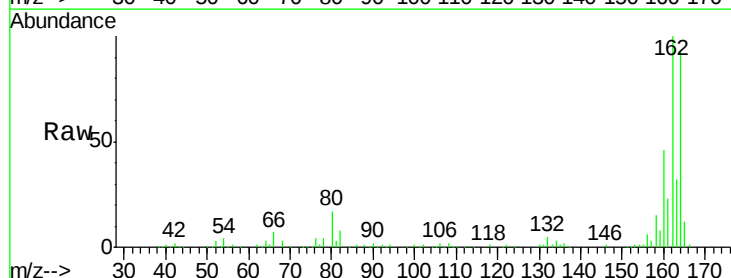


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

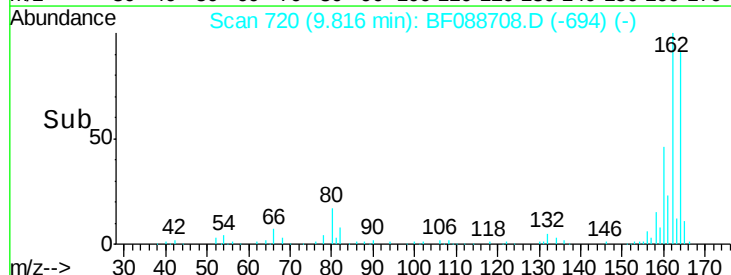
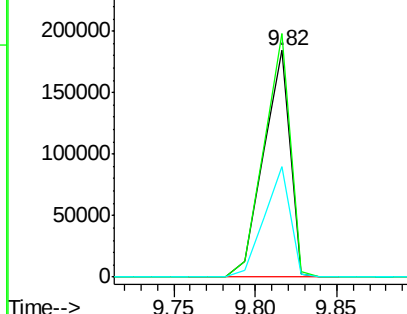


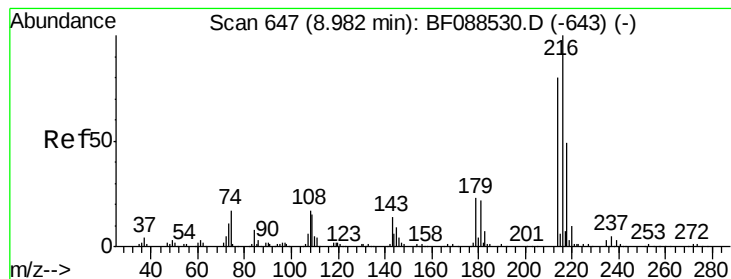
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 720
 Delta R.T. 0.00 min
 Lab File: BF088708.D
 Acq: 5 Jul 2016 17:43

Tgt Ion:164 Resp: 207952
 Ion Ratio Lower Upper
 164 100
 162 107.4 85.4 128.2
 160 49.0 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: 32.65 ng

RT: 8.95 min Scan# 644

Delta R.T. 0.00 min

Lab File: BF088708.D

Acq: 5 Jul 2016 17:43

Instrument :

BNA_F

ClientSampleId :

PB91867BS

Tgt Ion:216 Resp: 225835

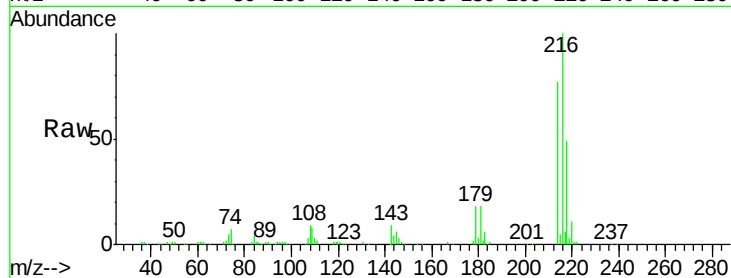
Ion Ratio Lower Upper

216 100

214 78.8 2.9 4.3#

179 22.3 0.0 0.0#

108 23.2 0.5 0.7#

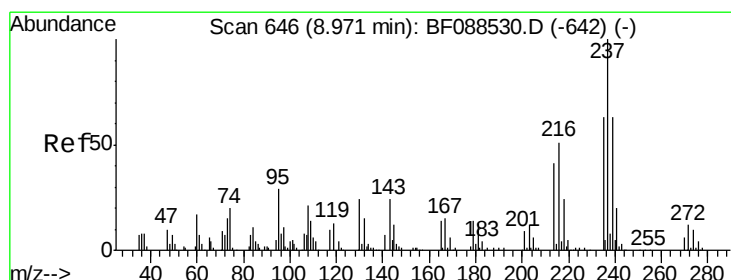
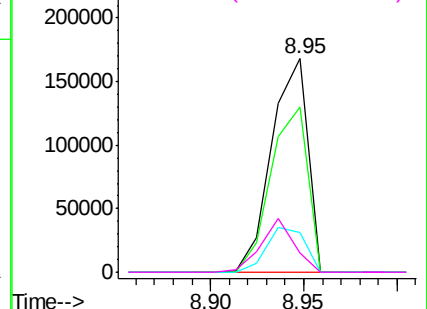
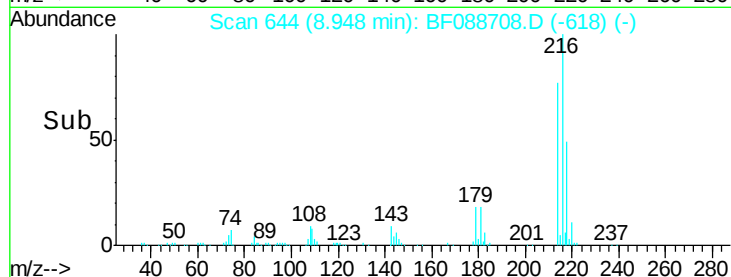


Abundance Ion 216.00 (215.70 to 216.70): E

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: 82.87 ng

RT: 8.94 min Scan# 643

Delta R.T. 0.00 min

Lab File: BF088708.D

Acq: 5 Jul 2016 17:43

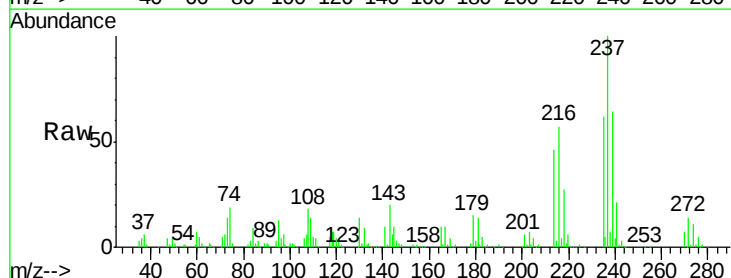
Tgt Ion:237 Resp: 281339

Ion Ratio Lower Upper

237 100

235 61.8 43.4 83.4

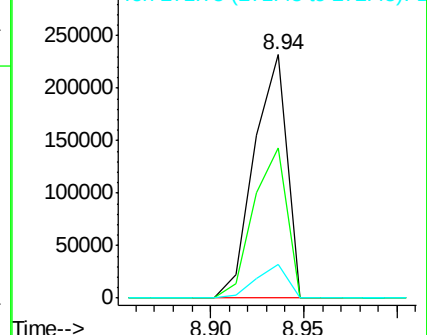
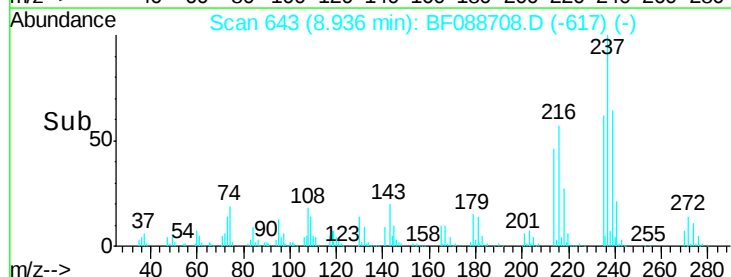
272 13.7 0.0 32.3

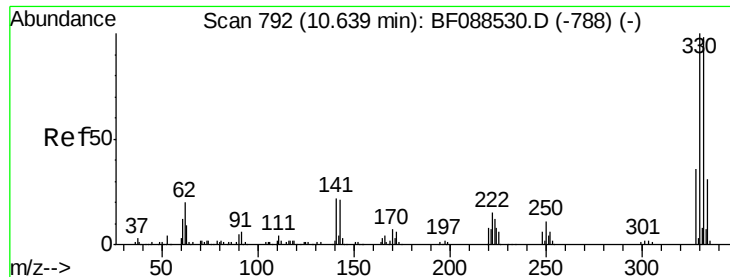


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

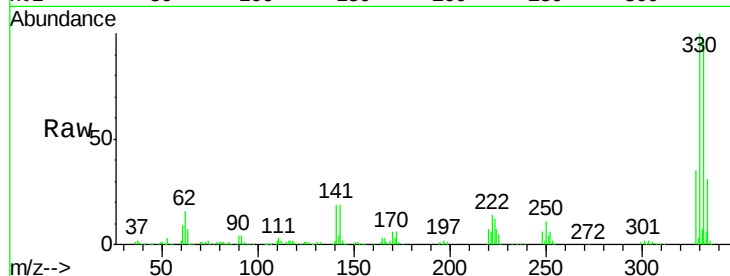




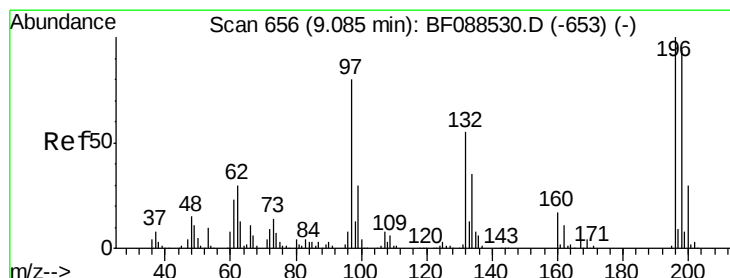
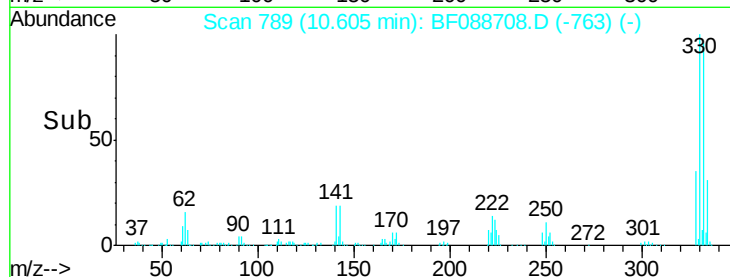
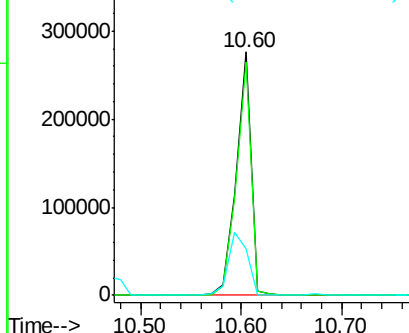
#41
 2,4,6-Tribromophenol
 Concen: 146.44 ng
 RT: 10.60 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF088708.D
 Acq: 5 Jul 2016 17:43

Instrument :
 BNA_F
 ClientSampleId :
 PB91867BS

Tgt Ion:330 Resp: 282777
 Ion Ratio Lower Upper
 330 100
 332 96.2 0.0 0.0#
 141 33.2 0.0 0.0#

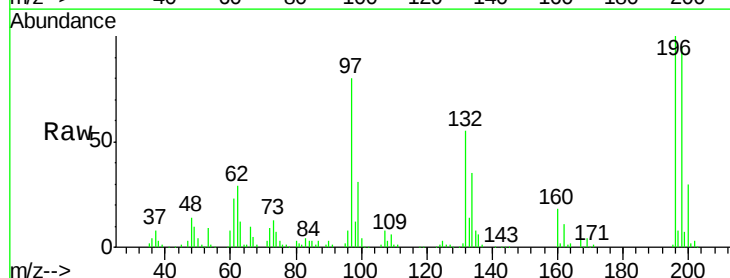


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

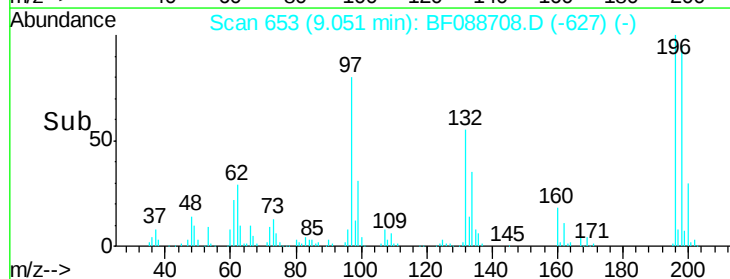
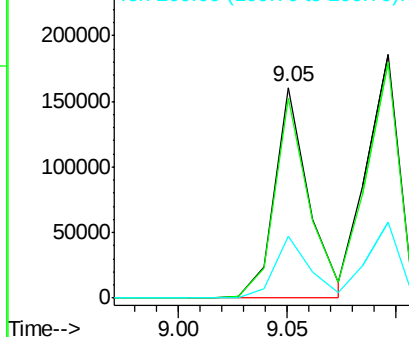


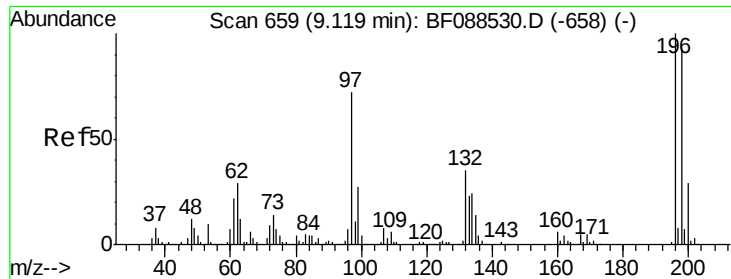
#42
 2,4,6-Trichlorophenol
 Concen: 38.81 ng
 RT: 9.05 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF088708.D
 Acq: 5 Jul 2016 17:43

Tgt Ion:196 Resp: 177006
 Ion Ratio Lower Upper
 196 100
 198 95.1 78.0 117.0
 200 29.6 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

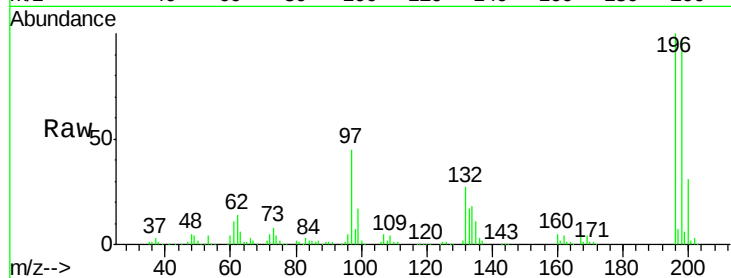




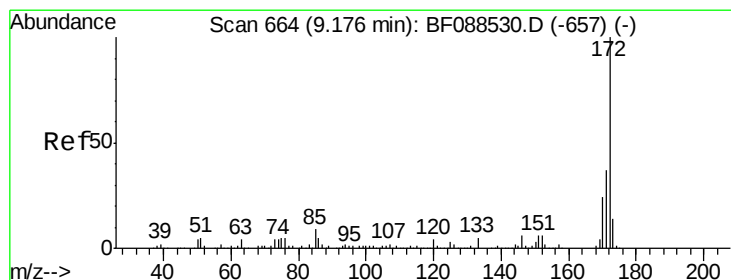
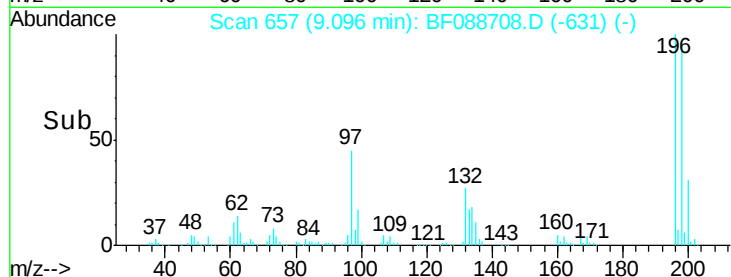
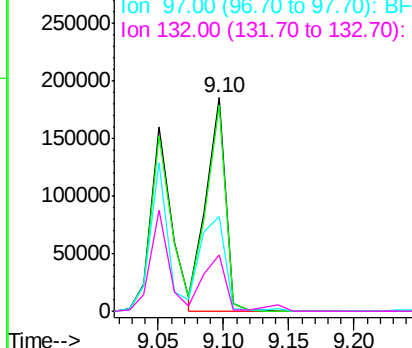
#43
 2,4,5-Trichlorophenol
 Concen: 48.94 ng
 RT: 9.10 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: BF088708.D
 Acq: 5 Jul 2016 17:43

Instrument :
 BNA_F
 ClientSampleId :
 PB91867BS

Tgt Ion:196 Resp: 192028
 Ion Ratio Lower Upper
 196 100
 198 96.7 77.5 116.3
 97 44.6 32.0 48.0
 132 26.6 20.9 31.3

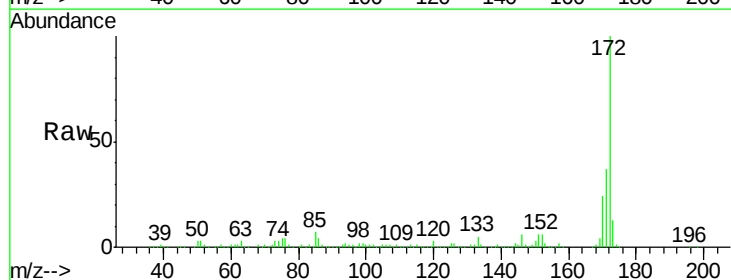


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

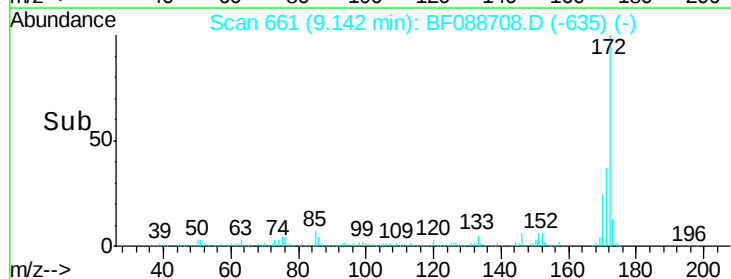
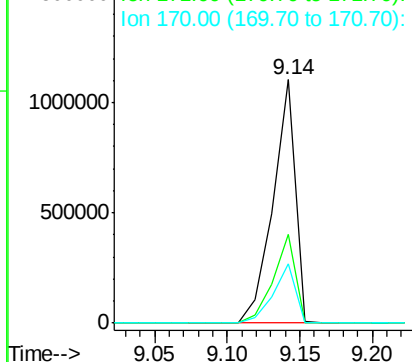


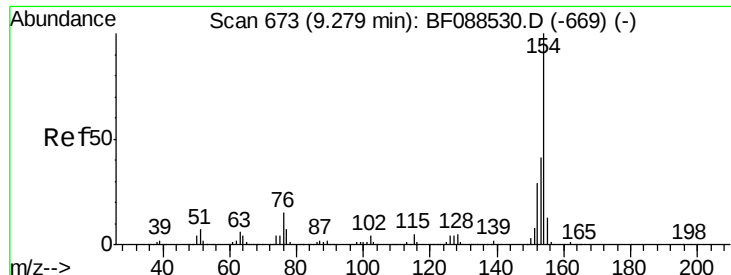
#44
 2-Fluorobiphenyl
 Concen: 89.22 ng
 RT: 9.14 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF088708.D
 Acq: 5 Jul 2016 17:43

Tgt Ion:172 Resp: 1174628
 Ion Ratio Lower Upper
 172 100
 171 36.6 28.6 43.0
 170 24.2 19.2 28.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 39.22 ng

RT: 9.23 min Scan# 669

Delta R.T. -0.01 min

Lab File: BF088708.D

Acq: 5 Jul 2016 17:43

Instrument :

BNA_F

ClientSampleId :

PB91867BS

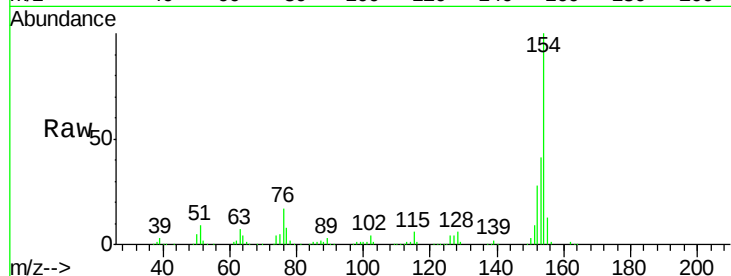
Tgt Ion:154 Resp: 675312

Ion Ratio Lower Upper

154 100

153 41.1 20.6 60.6

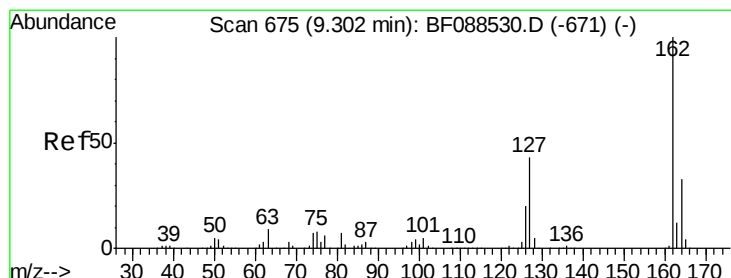
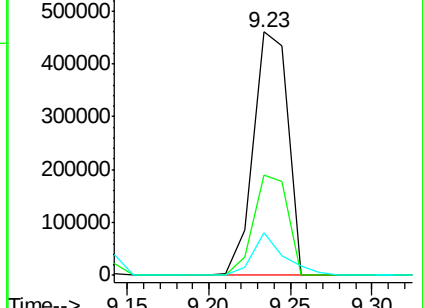
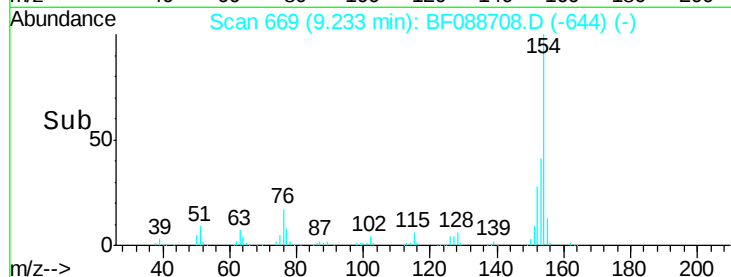
76 17.4 0.0 35.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 38.61 ng

RT: 9.26 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF088708.D

Acq: 5 Jul 2016 17:43

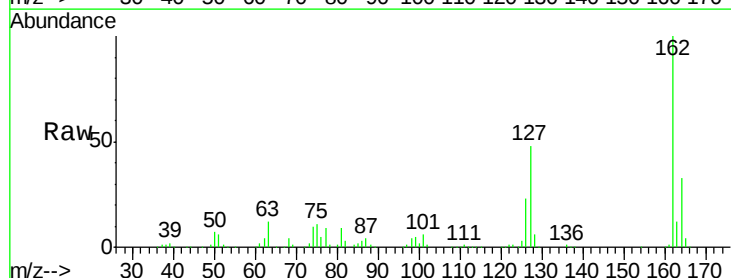
Tgt Ion:162 Resp: 521977

Ion Ratio Lower Upper

162 100

127 48.2 35.2 52.8

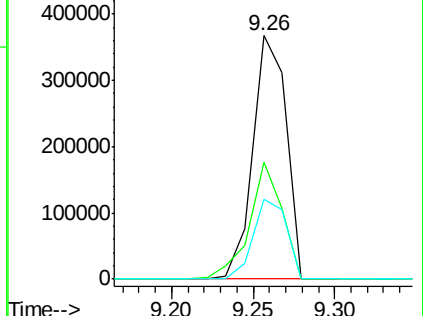
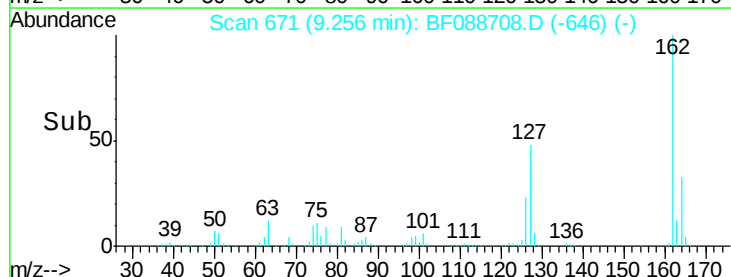
164 32.7 26.6 39.8

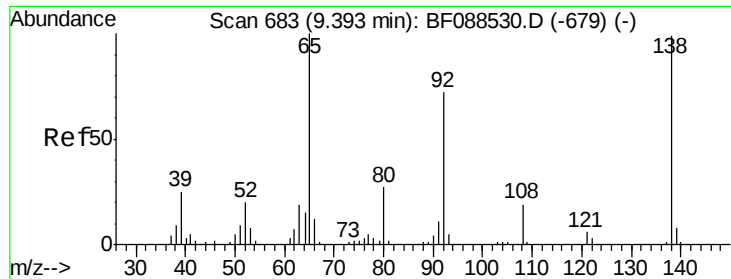


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

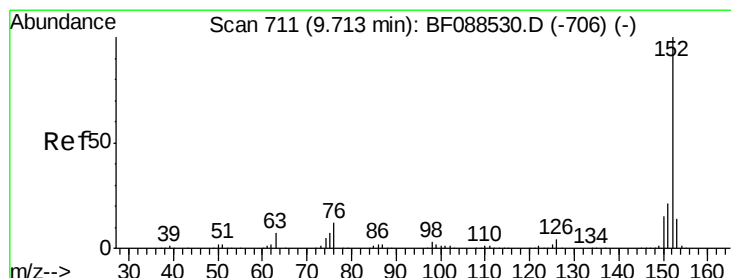
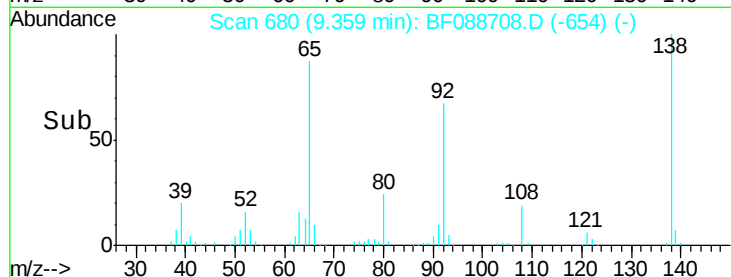
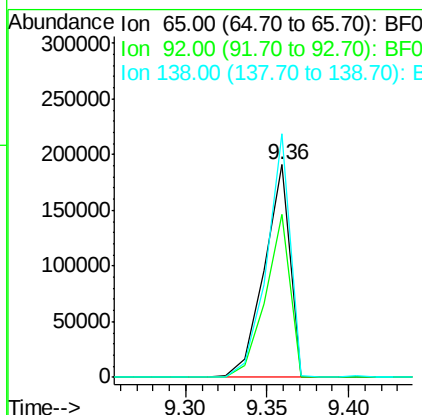
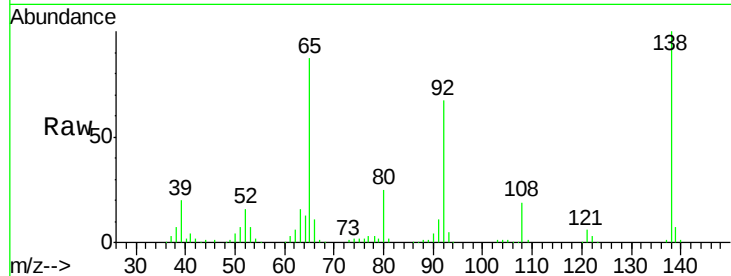




#47
 2-Nitroaniline
 Concen: 43.58 ng
 RT: 9.36 min Scan# 680
 Delta R.T. 0.00 min
 Lab File: BF088708.D
 Acq: 5 Jul 2016 17:43

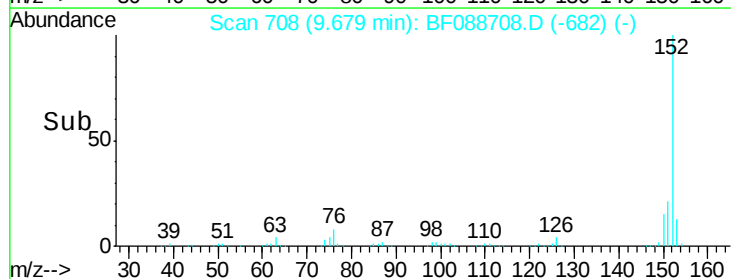
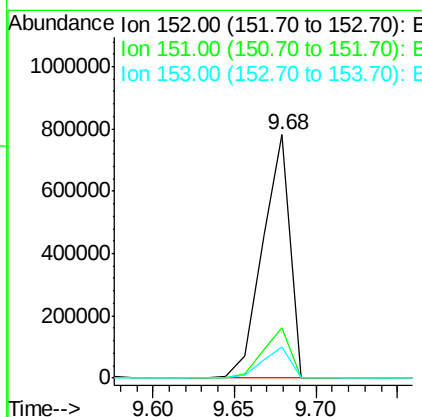
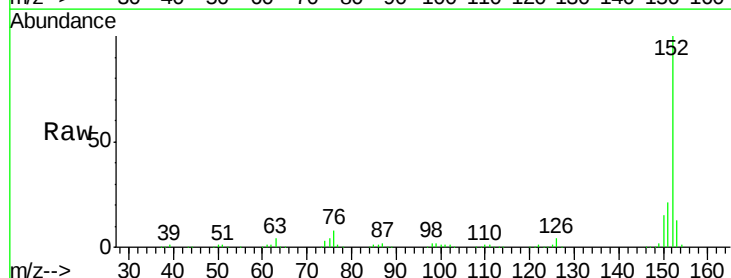
Instrument :
 BNA_F
 ClientSampleId :
 PB91867BS

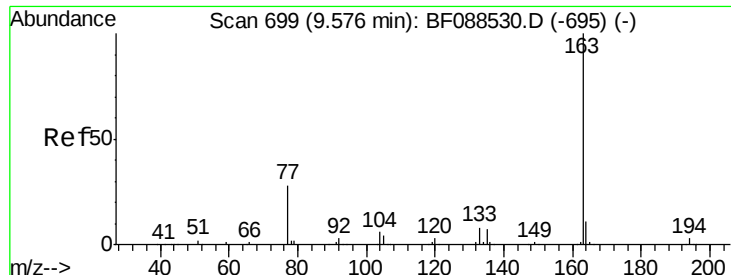
Tgt Ion: 65 Resp: 209095
 Ion Ratio Lower Upper
 65 100
 92 76.8 54.6 82.0
 138 114.6 77.0 115.4



#48
 Acenaphthylene
 Concen: 41.98 ng
 RT: 9.68 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: BF088708.D
 Acq: 5 Jul 2016 17:43

Tgt Ion: 152 Resp: 903077
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.2 24.4
 153 13.0 11.0 16.6

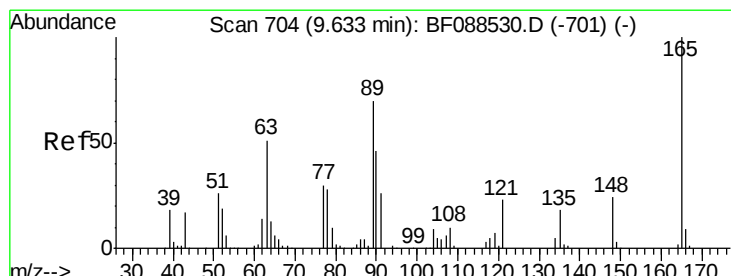
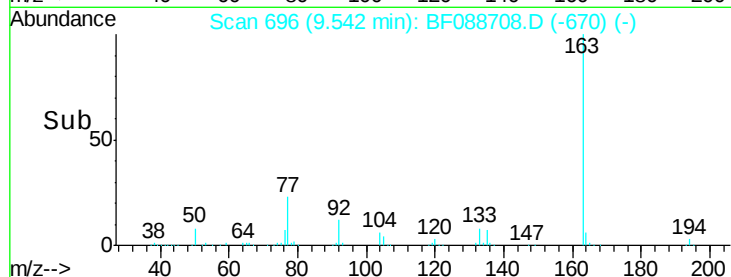
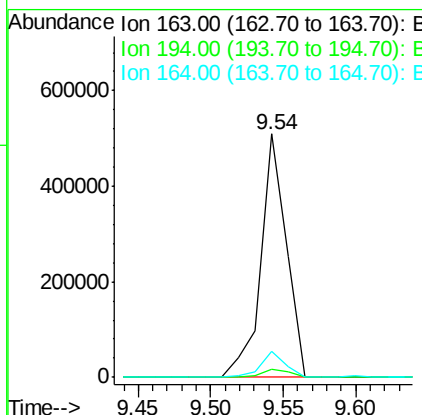
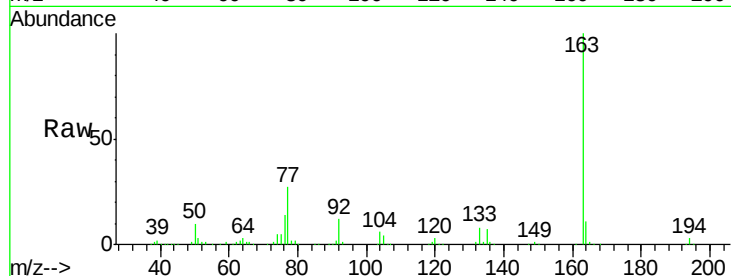




#49
Dimethylphthalate
Concen: 41.80 ng
RT: 9.54 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF088708.D
Acq: 5 Jul 2016 17:43

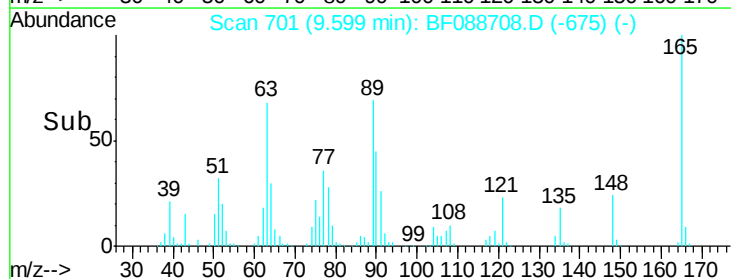
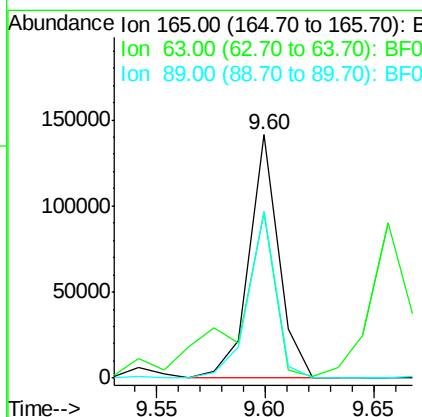
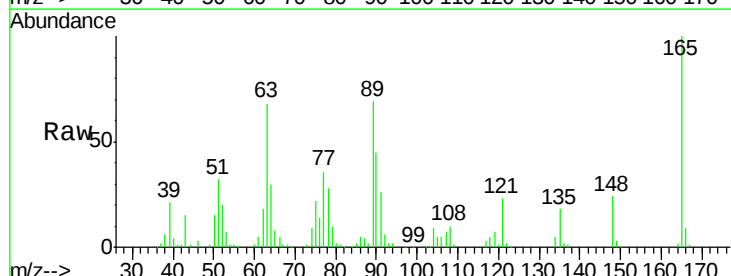
Instrument :
BNA_F
ClientSampleId :
PB91867BS

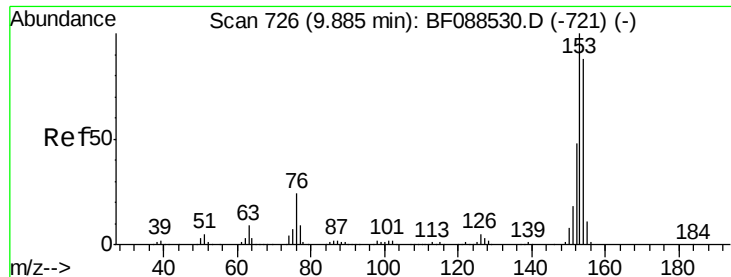
Tgt Ion:163 Resp: 619337
Ion Ratio Lower Upper
163 100
194 3.2 2.8 4.2
164 10.6 8.3 12.5



#50
2,6-Dinitrotoluene
Concen: 40.78 ng
RT: 9.60 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF088708.D
Acq: 5 Jul 2016 17:43

Tgt Ion:165 Resp: 133894
Ion Ratio Lower Upper
165 100
63 67.7 28.1 42.1#
89 68.7 32.2 48.2#





#51

Acenaphthene

Concen: 41.46 ng

RT: 9.85 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF088708.D

Acq: 5 Jul 2016 17:43

Instrument :

BNA_F

ClientSampleId :

PB91867BS

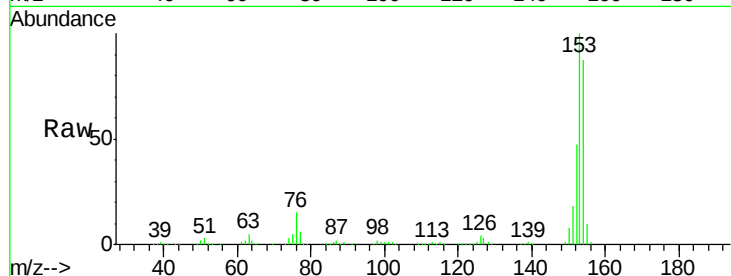
Tgt Ion:154 Resp: 546698

Ion Ratio Lower Upper

154 100

153 114.5 89.5 134.3

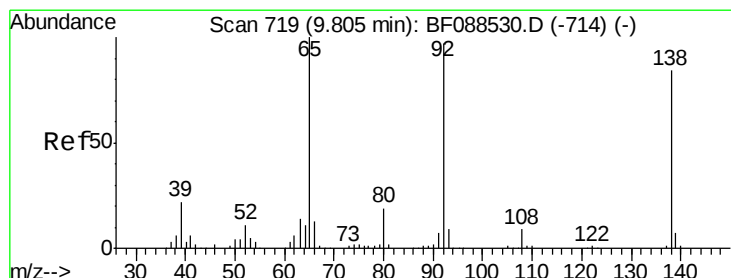
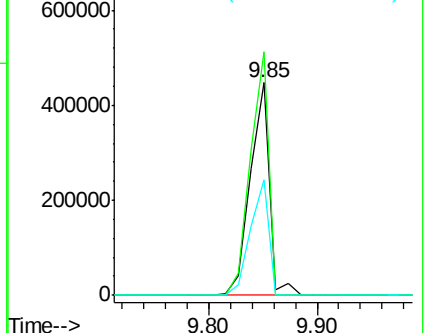
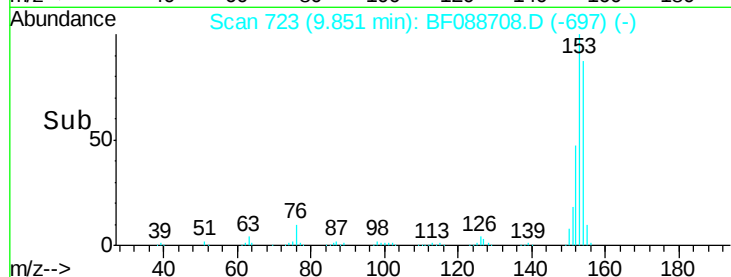
152 54.3 42.7 64.1



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: 23.47 ng

RT: 9.76 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF088708.D

Acq: 5 Jul 2016 17:43

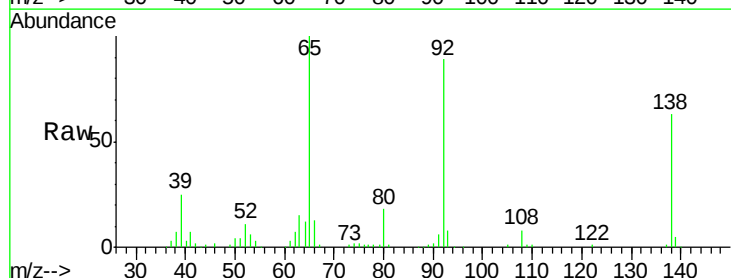
Tgt Ion:138 Resp: 97954

Ion Ratio Lower Upper

138 100

108 12.1 8.5 12.7

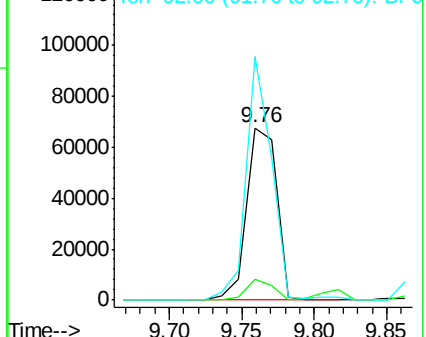
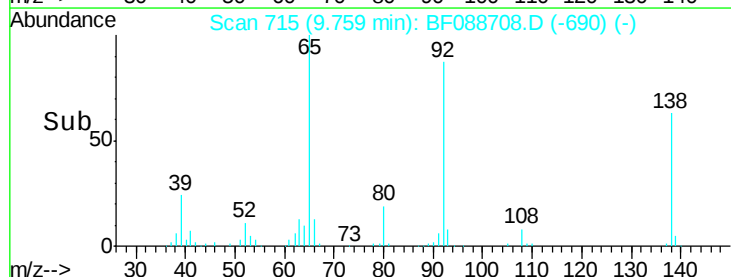
92 141.2 95.7 143.5

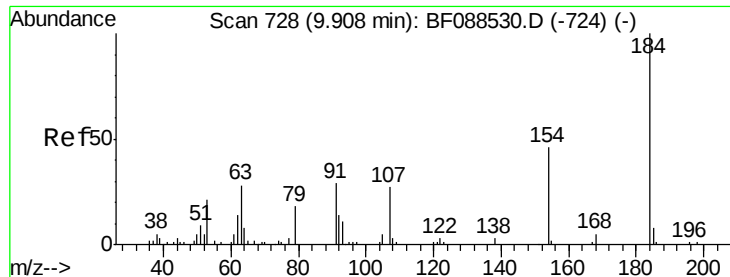


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

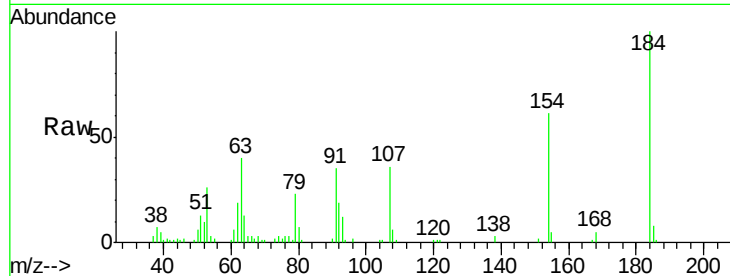




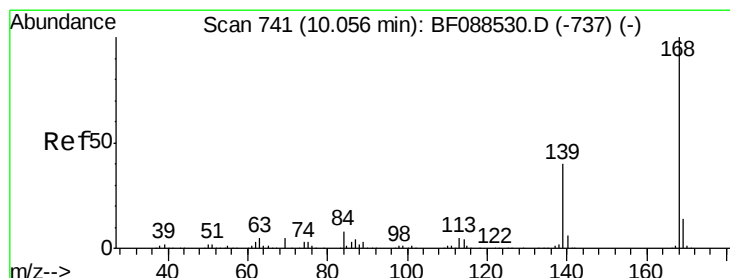
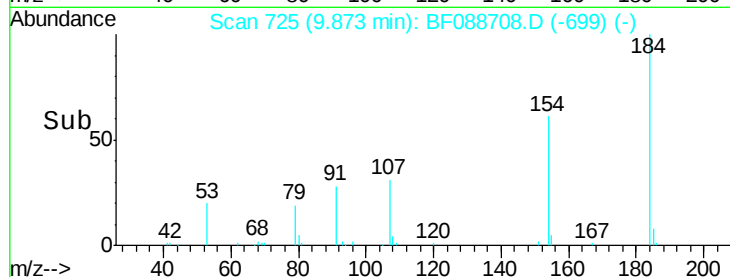
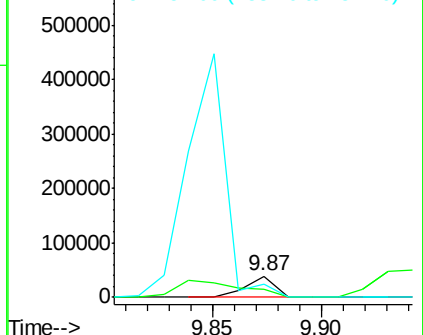
#53
 2,4-Dinitrophenol
 Concen: 25.31 ng
 RT: 9.87 min Scan# 725
 Delta R.T. 0.00 min
 Lab File: BF088708.D
 Acq: 5 Jul 2016 17:43

Instrument :
 BNA_F
 ClientSampleId :
 PB91867BS

Tgt Ion:184 Resp: 36690
 Ion Ratio Lower Upper
 184 100
 63 39.7 57.6 86.4#
 154 61.5 53.5 80.3

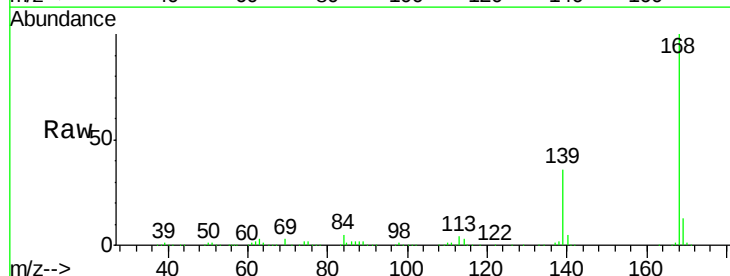


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

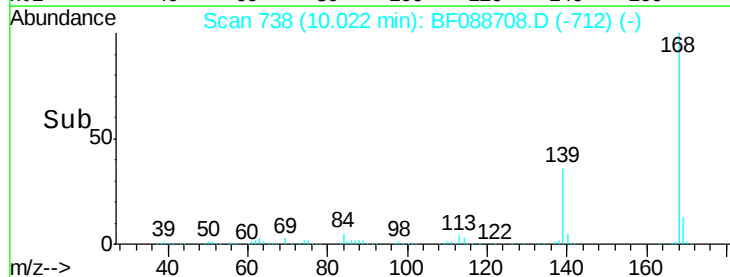
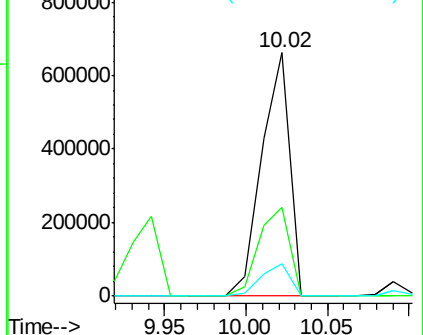


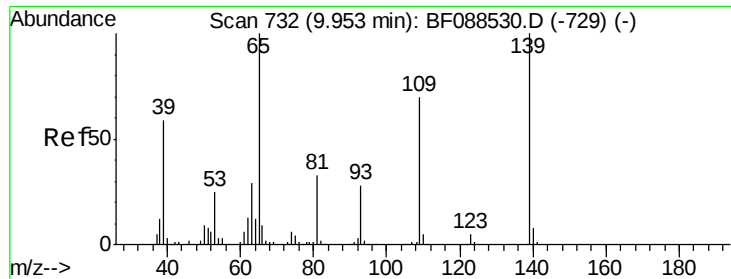
#54
 Dibenzofuran
 Concen: 45.71 ng
 RT: 10.02 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: BF088708.D
 Acq: 5 Jul 2016 17:43

Tgt Ion:168 Resp: 788754
 Ion Ratio Lower Upper
 168 100
 139 36.4 26.4 39.6
 169 13.2 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: 89.29 ng

RT: 9.94 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF088708.D

Acq: 5 Jul 2016 17:43

Instrument :

BNA_F

ClientSampleId :

PB91867BS

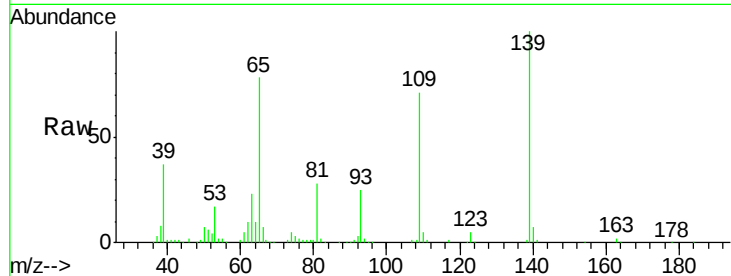
Tgt Ion:139 Resp: 283220

Ion Ratio Lower Upper

139 100

109 70.9 48.9 88.9

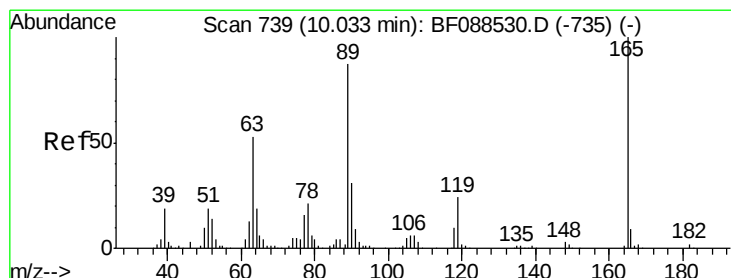
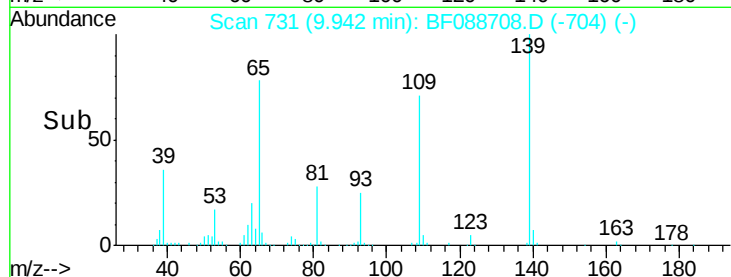
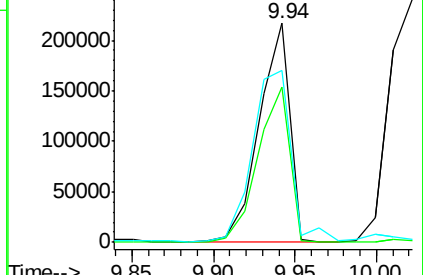
65 78.3 84.9 124.9#



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: 44.18 ng

RT: 10.00 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF088708.D

Acq: 5 Jul 2016 17:43

Tgt Ion:165 Resp: 189658

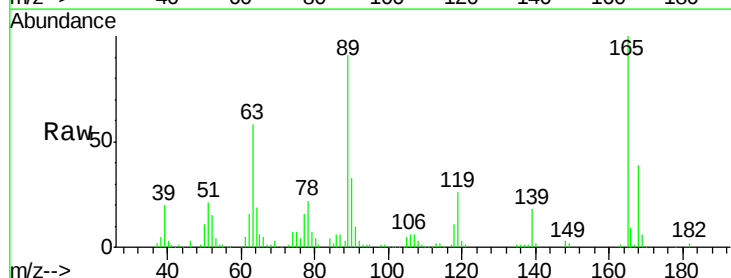
Ion Ratio Lower Upper

165 100

63 58.0 22.0 33.0#

89 91.1 41.1 61.7#

182 2.4 2.0 3.0

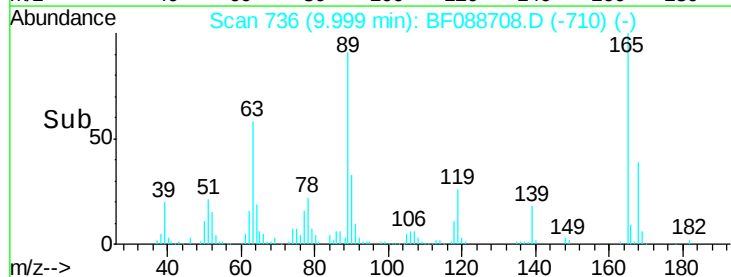
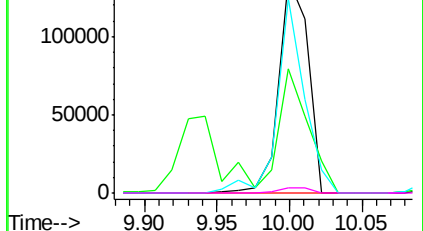


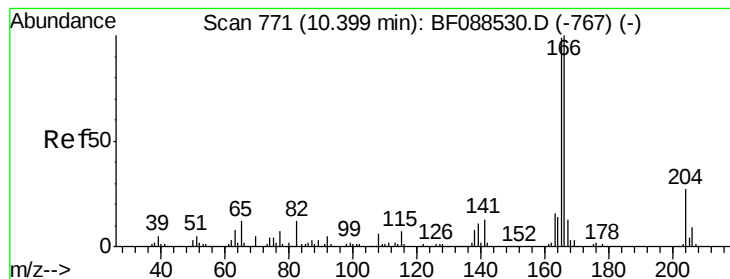
Abundance Ion 165.00 (164.70 to 165.70): E

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: 42.91 ng

RT: 10.36 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF088708.D

Acq: 5 Jul 2016 17:43

Instrument :

BNA_F

ClientSampleId :

PB91867BS

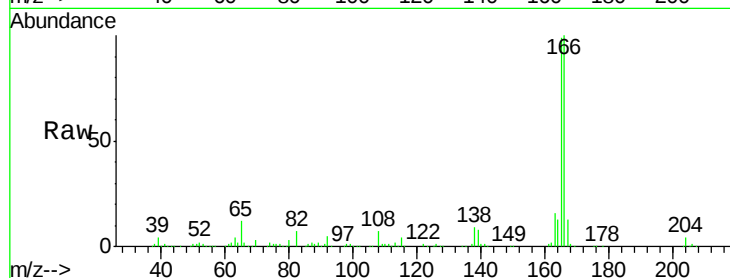
Tgt Ion:166 Resp: 570656

Ion Ratio Lower Upper

166 100

165 98.6 77.8 116.8

167 12.9 11.2 16.8

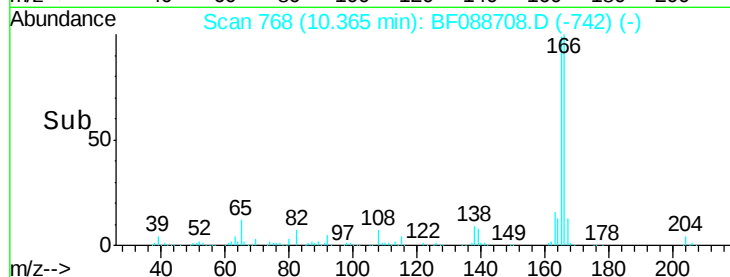


Abundance Ion 166.00 (165.70 to 166.70): E

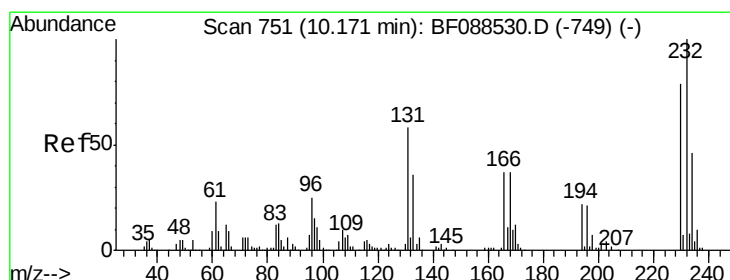
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

Time-->



Time-->



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.84 ng

RT: 10.14 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF088708.D

Acq: 5 Jul 2016 17:43

Tgt Ion:232 Resp: 142193

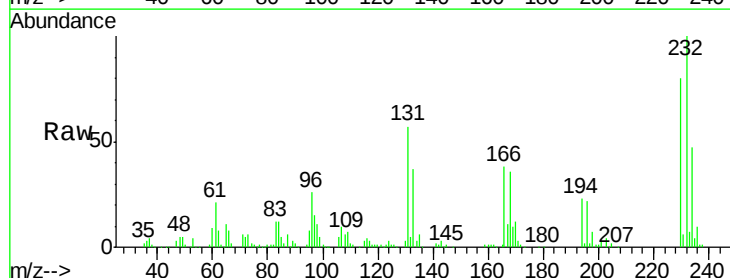
Ion Ratio Lower Upper

232 100

131 57.8 0.9 1.3#

130 2.8 1.5 2.3#

166 37.9 0.5 0.7#



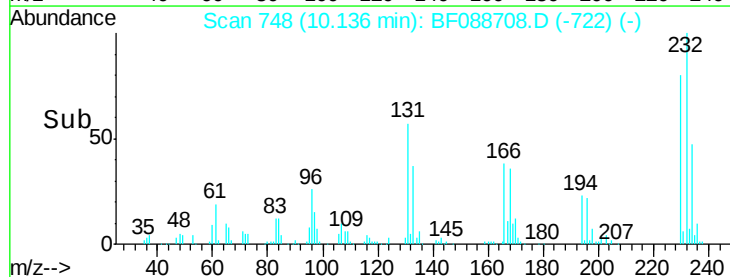
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

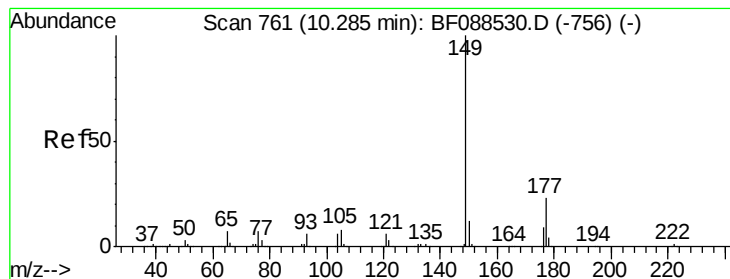
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

Time-->



Time-->



#59

Diethylphthalate

Concen: 42.21 ng

RT: 10.24 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF088708.D

Acq: 5 Jul 2016 17:43

Instrument :

BNA_F

ClientSampleId :

PB91867BS

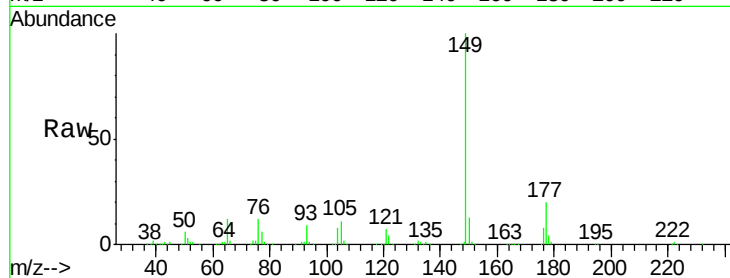
Tgt Ion:149 Resp: 627516

Ion Ratio Lower Upper

149 100

177 19.7 16.9 25.3

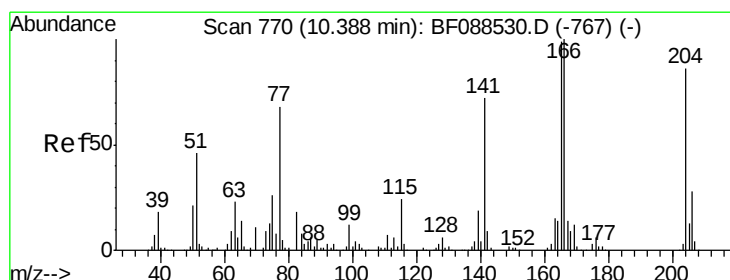
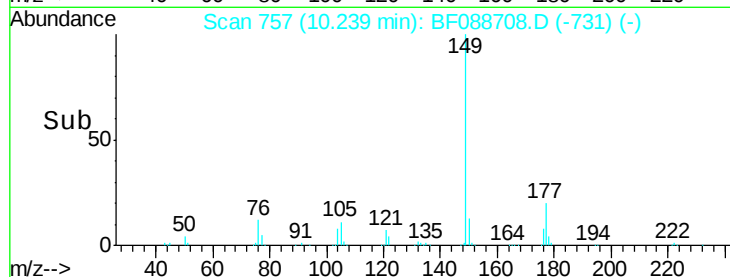
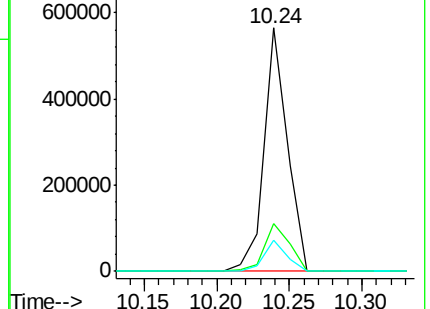
150 12.9 10.1 15.1



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: 42.27 ng

RT: 10.35 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF088708.D

Acq: 5 Jul 2016 17:43

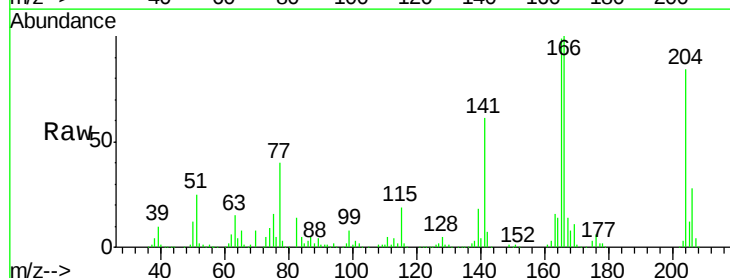
Tgt Ion:204 Resp: 261197

Ion Ratio Lower Upper

204 100

206 33.0 26.3 39.5

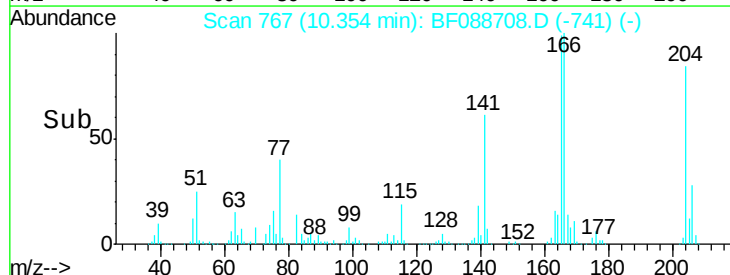
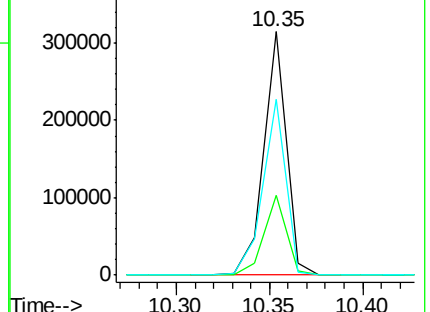
141 72.0 55.0 82.6

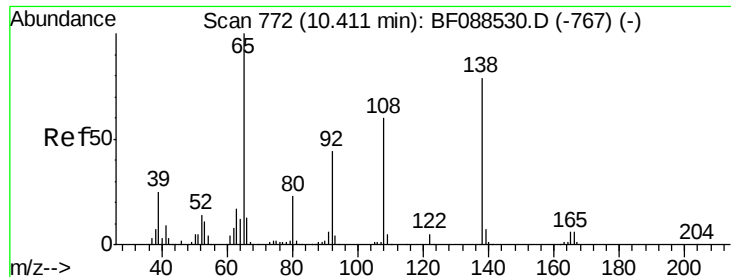


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

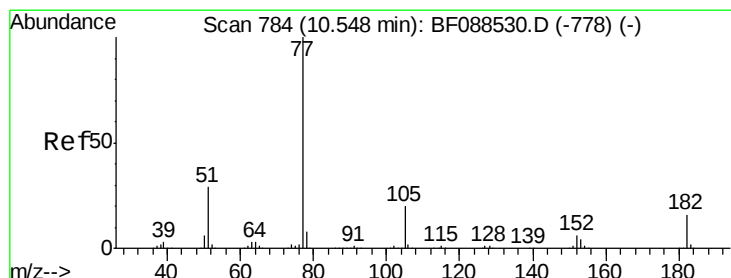
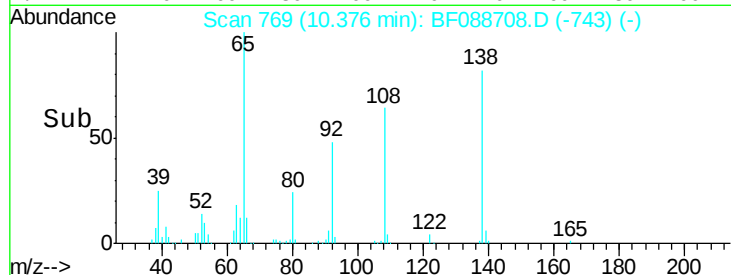
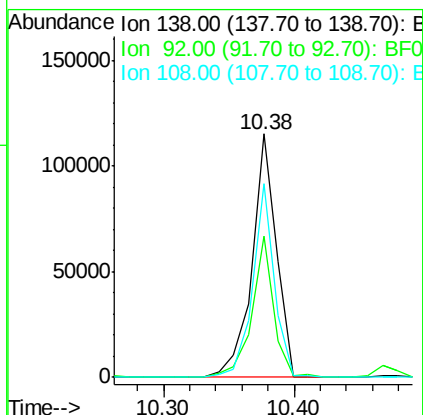
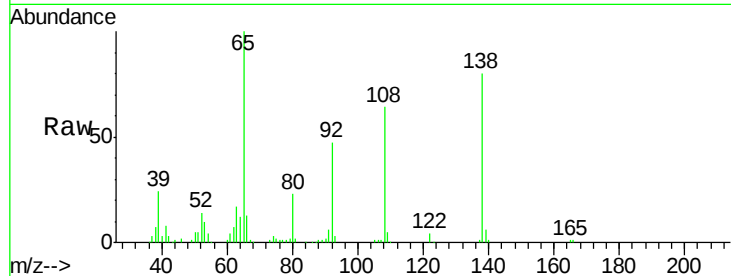




#61
4-Nitroaniline
Concen: 37.37 ng
RT: 10.38 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF088708.D
Acq: 5 Jul 2016 17:43

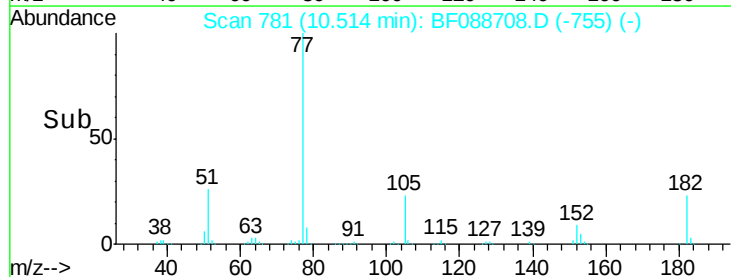
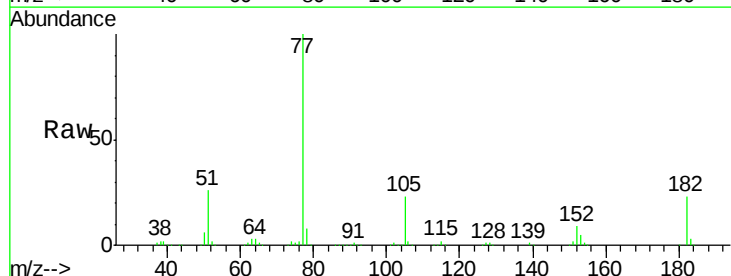
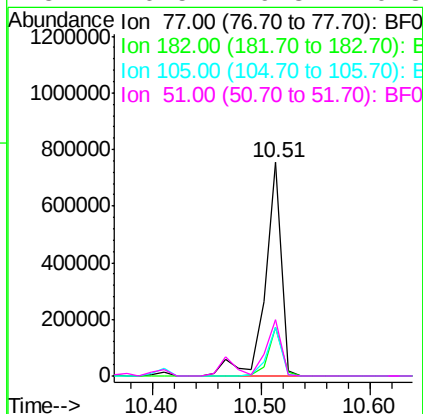
Instrument :
BNA_F
ClientSampleId :
PB91867BS

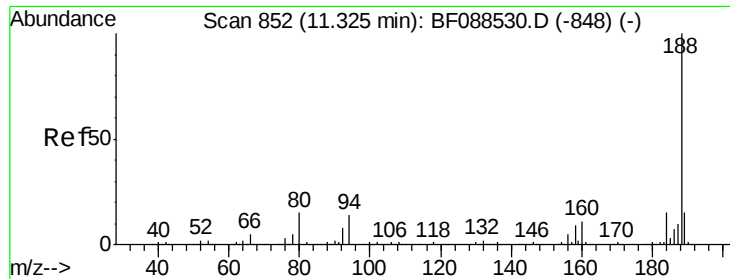
Tgt Ion:138 Resp: 150089
Ion Ratio Lower Upper
138 100
92 58.2 27.3 67.3
108 79.4 46.7 86.7



#62
Azobenzene
Concen: 46.37 ng
RT: 10.51 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF088708.D
Acq: 5 Jul 2016 17:43

Tgt Ion: 77 Resp: 786421
Ion Ratio Lower Upper
77 100
182 22.6 4.4 44.4
105 23.0 3.8 43.8
51 26.5 9.3 49.3

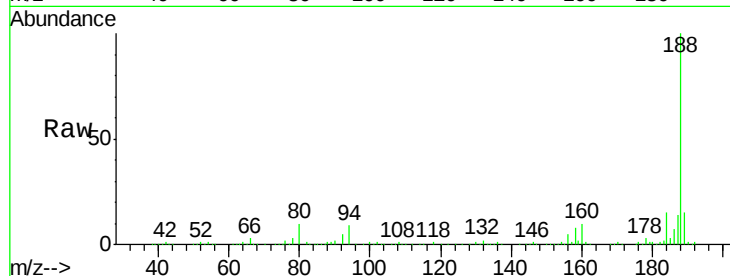




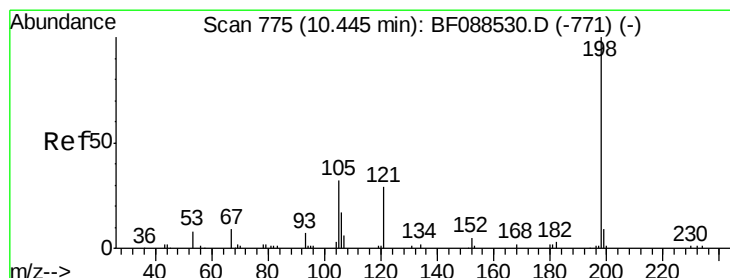
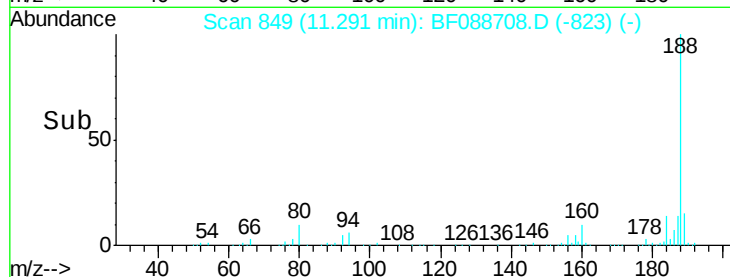
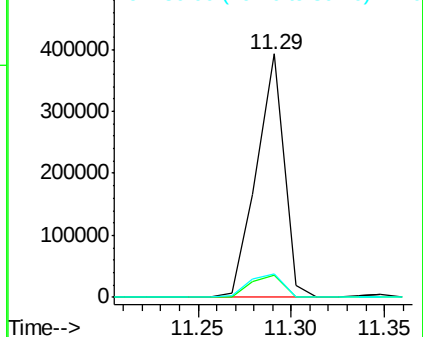
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF088708.D
Acq: 5 Jul 2016 17:43

Instrument :
BNA_F
ClientSampleId :
PB91867BS

Tgt Ion:188 Resp: 402043
Ion Ratio Lower Upper
188 100
94 9.0 9.0 13.6#
80 9.9 10.0 15.0#

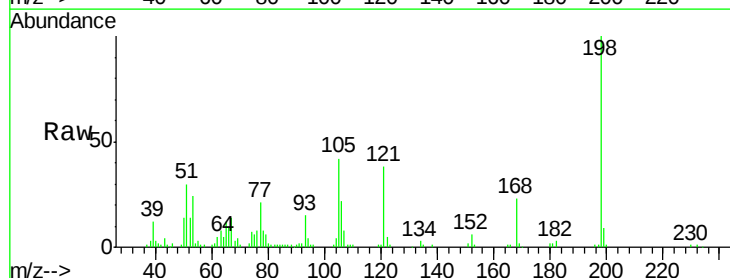


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

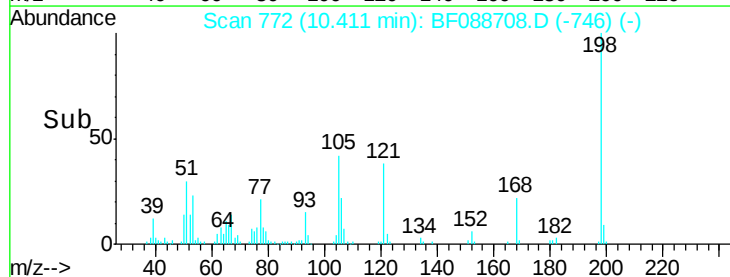
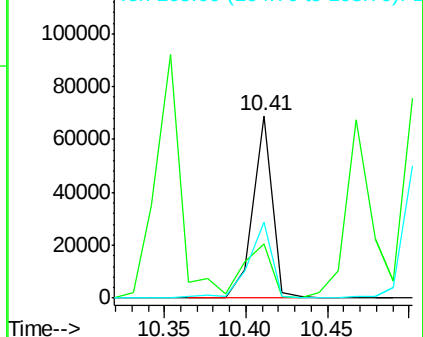


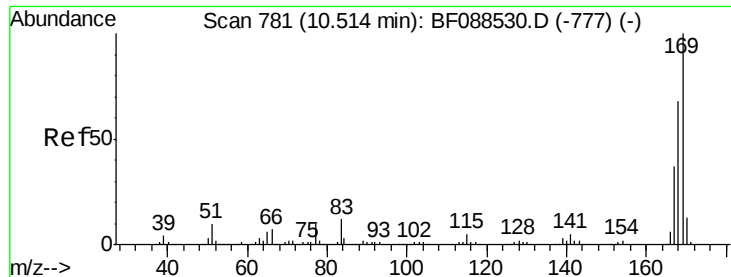
#64
4,6-Dinitro-2-methylphenol
Concen: 26.38 ng
RT: 10.41 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF088708.D
Acq: 5 Jul 2016 17:43

Tgt Ion:198 Resp: 56729
Ion Ratio Lower Upper
198 100
51 30.0 39.6 79.6#
105 41.6 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

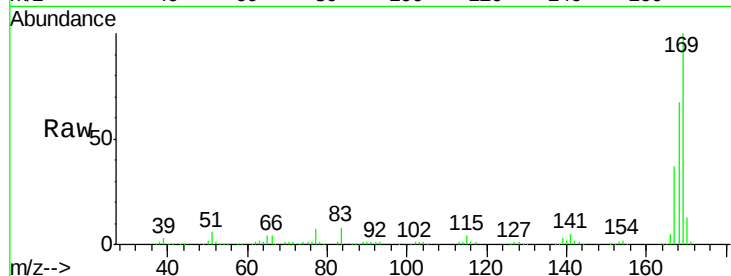




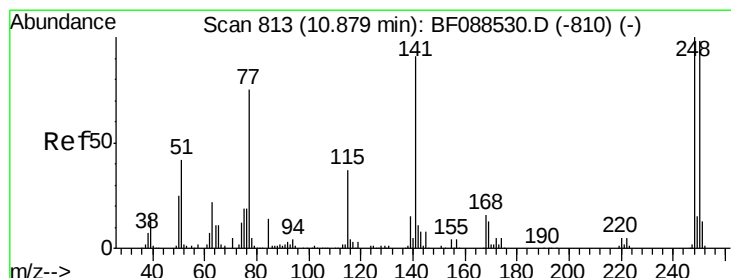
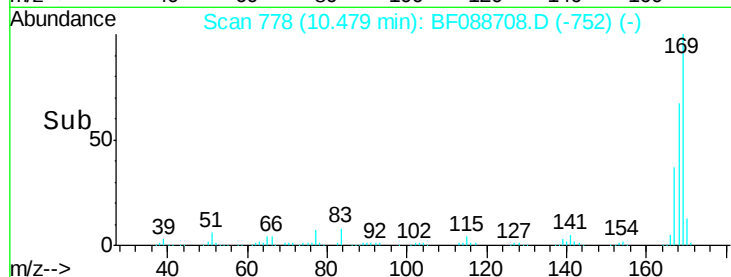
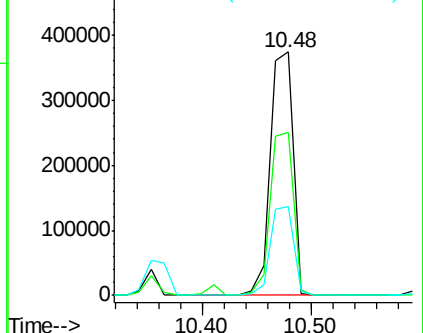
#65
 n-Nitrosodiphenylamine
 Concen: 39.93 ng
 RT: 10.48 min Scan# 778
 Delta R.T. 0.00 min
 Lab File: BF088708.D
 Acq: 5 Jul 2016 17:43

Instrument :
 BNA_F
 ClientSampleId :
 PB91867BS

Tgt Ion:169 Resp: 543358
 Ion Ratio Lower Upper
 169 100
 168 67.1 53.4 80.0
 167 36.5 29.4 44.0

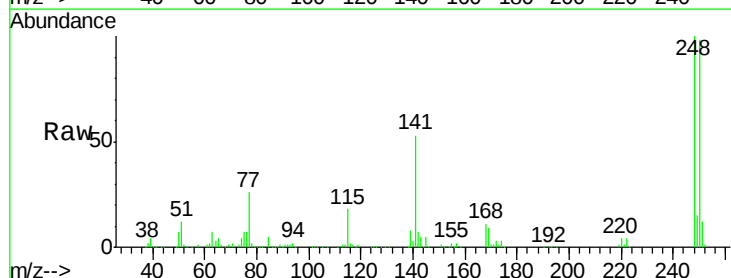


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

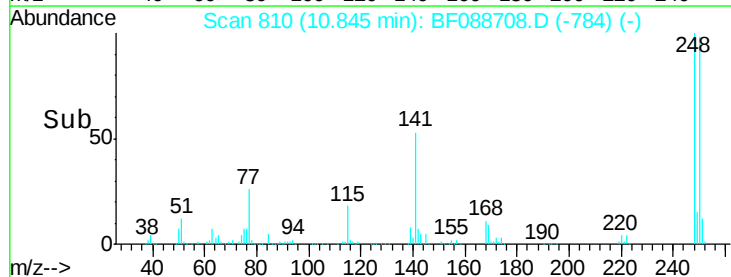
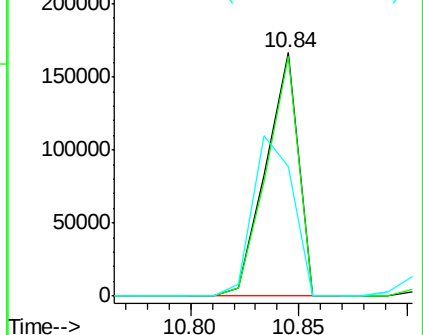


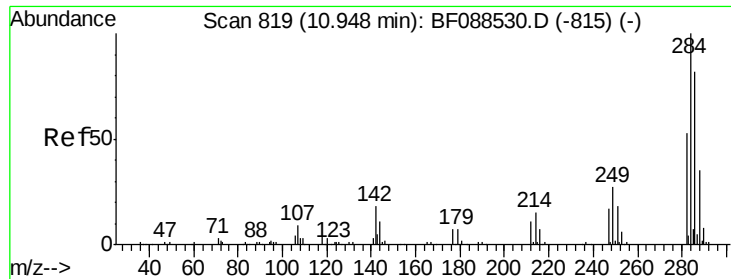
#66
 4-Bromophenyl-phenylether
 Concen: 43.20 ng
 RT: 10.84 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF088708.D
 Acq: 5 Jul 2016 17:43

Tgt Ion:248 Resp: 175030
 Ion Ratio Lower Upper
 248 100
 250 98.5 77.1 115.7
 141 53.1 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: 36.72 ng

RT: 10.90 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF088708.D

Acq: 5 Jul 2016 17:43

Instrument :

BNA_F

ClientSampleId :

PB91867BS

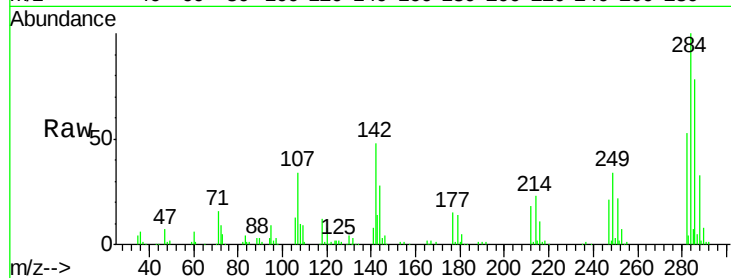
Tgt Ion:284 Resp: 164666

Ion Ratio Lower Upper

284 100

142 47.9 35.8 53.8

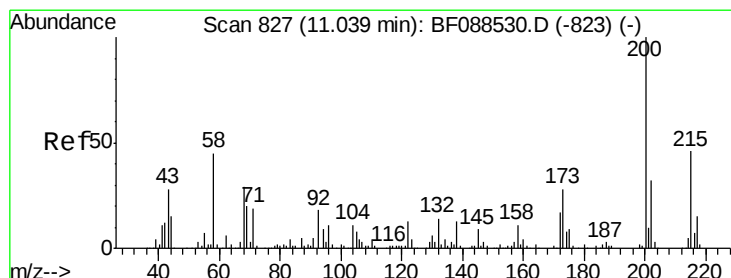
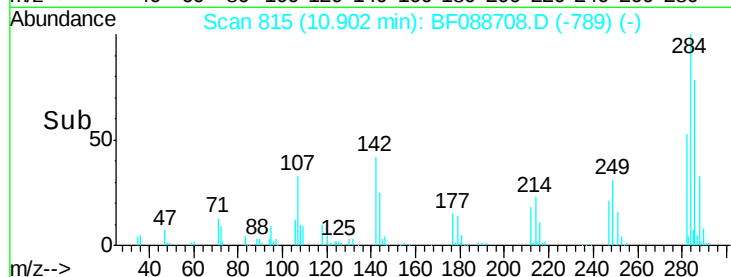
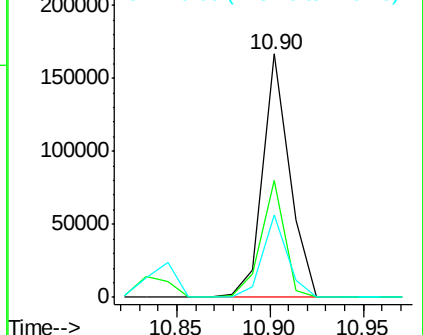
249 33.7 25.8 38.6



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: 41.67 ng

RT: 11.01 min Scan# 824

Delta R.T. 0.00 min

Lab File: BF088708.D

Acq: 5 Jul 2016 17:43

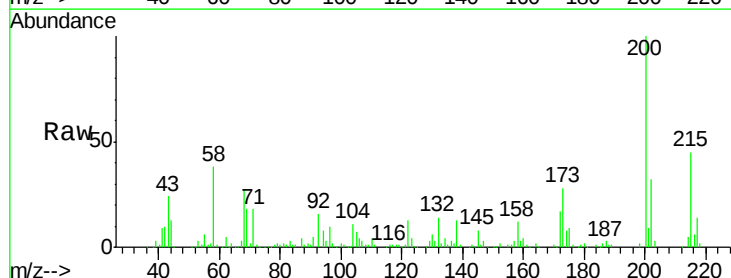
Tgt Ion:200 Resp: 176688

Ion Ratio Lower Upper

200 100

173 28.0 4.0 44.0

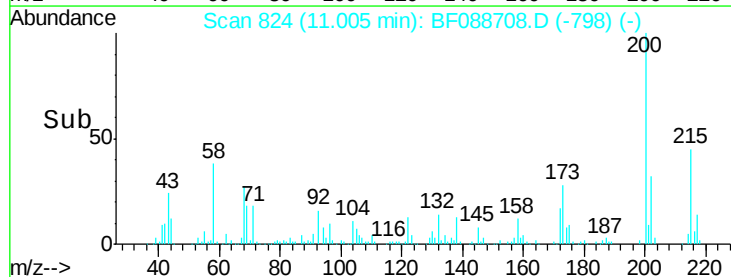
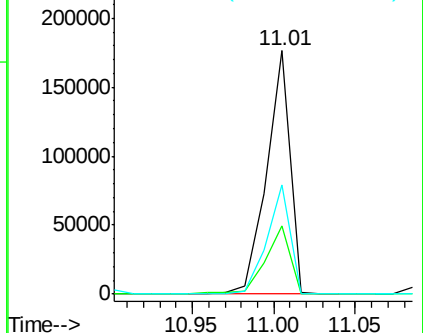
215 45.1 29.3 69.3

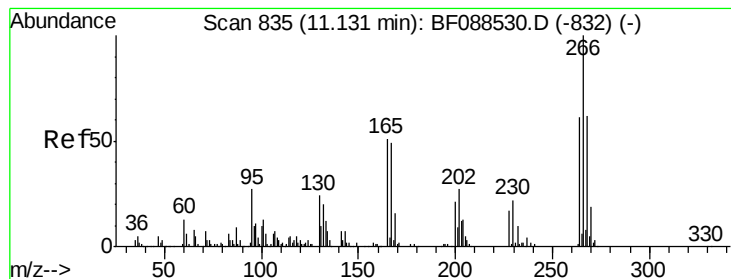


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 52.53 ng

RT: 11.10 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF088708.D

Acq: 5 Jul 2016 17:43

Instrument :

BNA_F

ClientSampleId :

PB91867BS

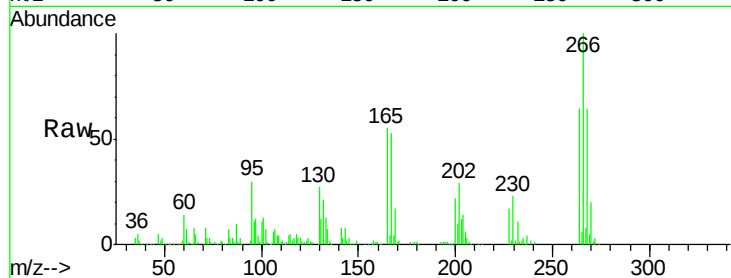
Tgt Ion:266 Resp: 139416

Ion Ratio Lower Upper

266 100

268 64.2 52.8 79.2

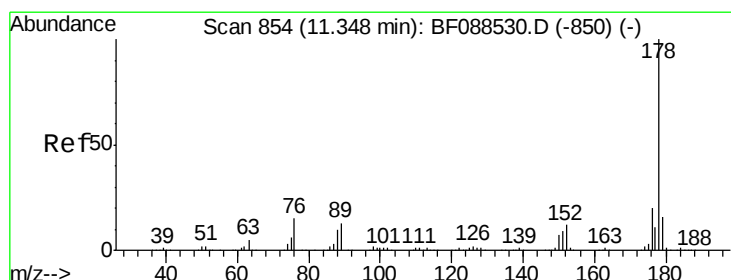
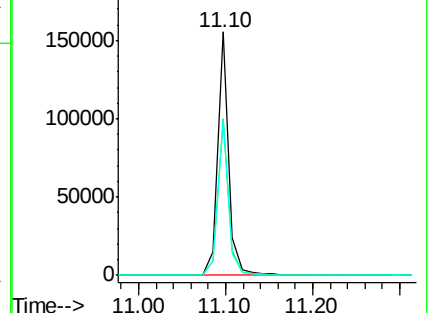
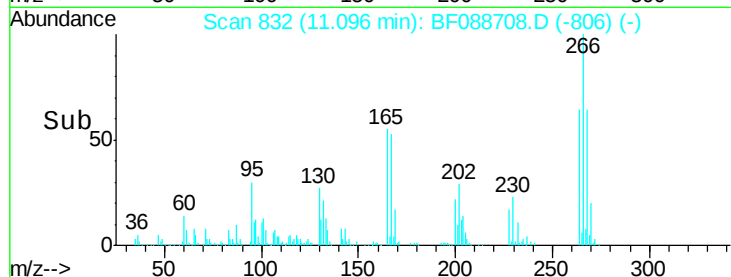
264 63.5 49.6 74.4



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: 37.13 ng

RT: 11.31 min Scan# 851

Delta R.T. 0.00 min

Lab File: BF088708.D

Acq: 5 Jul 2016 17:43

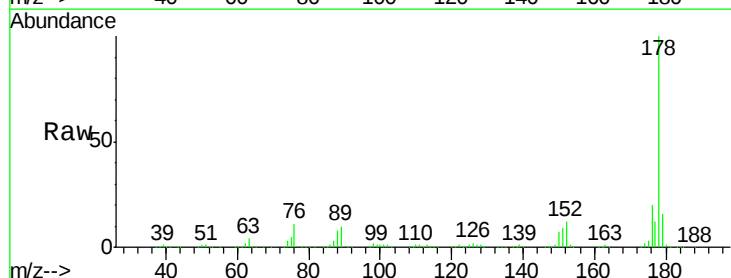
Tgt Ion:178 Resp: 816089

Ion Ratio Lower Upper

178 100

176 20.0 15.8 23.6

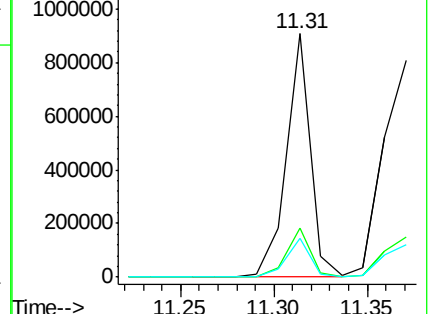
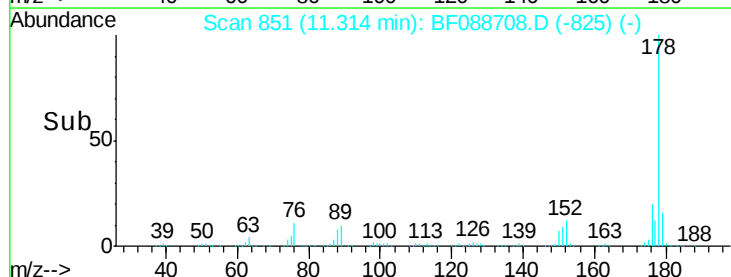
179 15.8 13.0 19.4

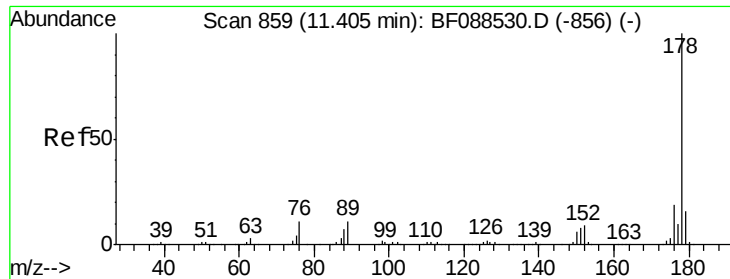


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

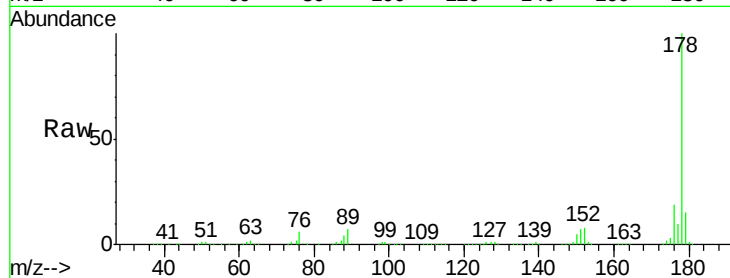




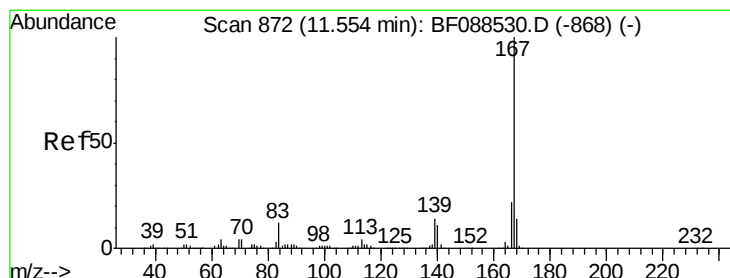
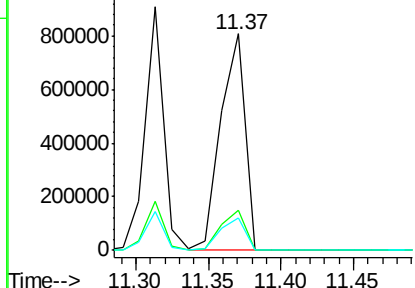
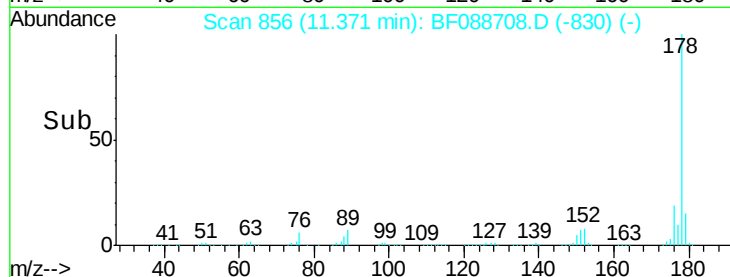
#71
 Anthracene
 Concen: 43.12 ng
 RT: 11.37 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: BF088708.D
 Acq: 5 Jul 2016 17:43

Instrument :
 BNA_F
 ClientSampleId :
 PB91867BS

Tgt Ion:178 Resp: 942223
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.6 23.4
 179 15.2 12.8 19.2

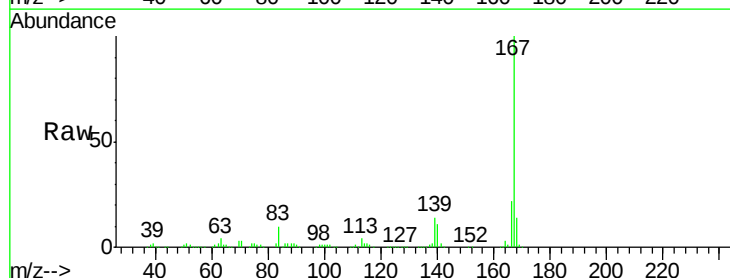


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

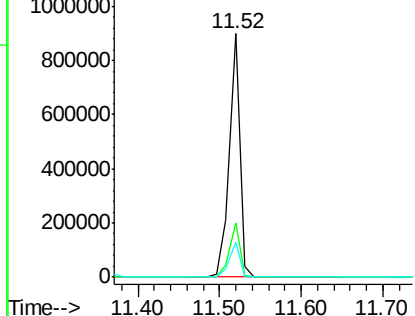
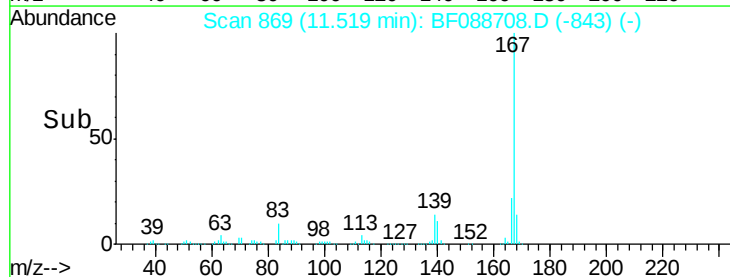


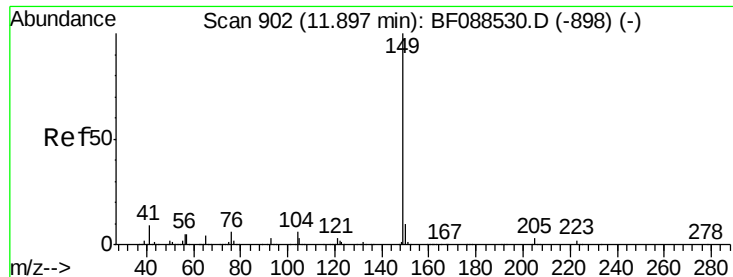
#72
 Carbazole
 Concen: 38.69 ng
 RT: 11.52 min Scan# 869
 Delta R.T. 0.00 min
 Lab File: BF088708.D
 Acq: 5 Jul 2016 17:43

Tgt Ion:167 Resp: 795696
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.8 26.6
 139 14.4 11.2 16.8



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 44.75 ng

RT: 11.86 min Scan# 899

Delta R.T. 0.00 min

Lab File: BF088708.D

Acq: 5 Jul 2016 17:43

Instrument :

BNA_F

ClientSampleId :

PB91867BS

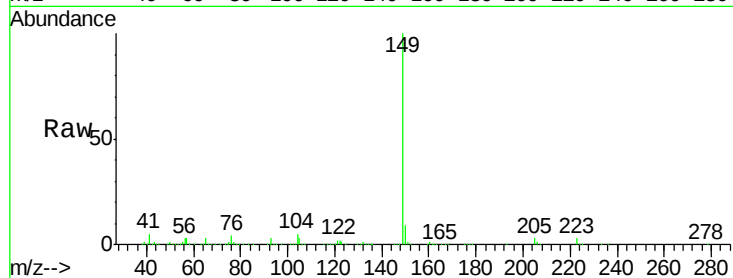
Tgt Ion:149 Resp: 1070532

Ion Ratio Lower Upper

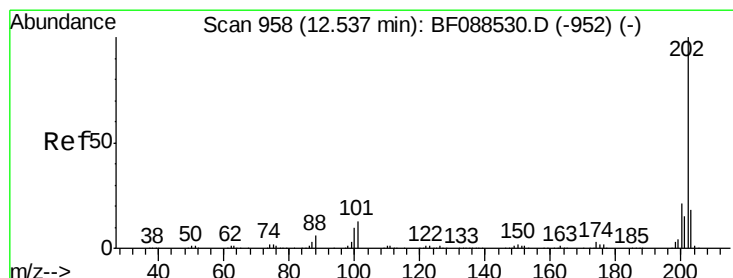
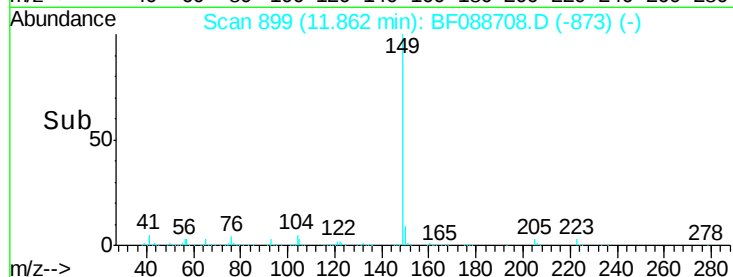
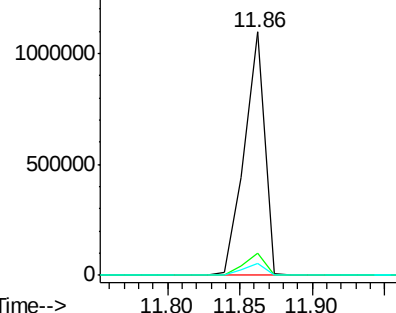
149 100

150 9.3 7.8 11.6

104 4.9 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.76 ng

RT: 12.49 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF088708.D

Acq: 5 Jul 2016 17:43

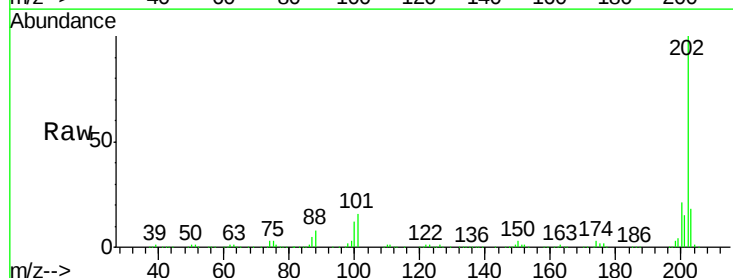
Tgt Ion:202 Resp: 841381

Ion Ratio Lower Upper

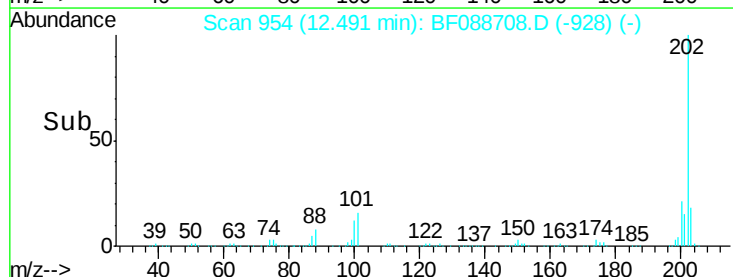
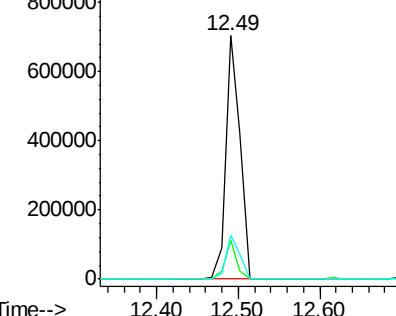
202 100

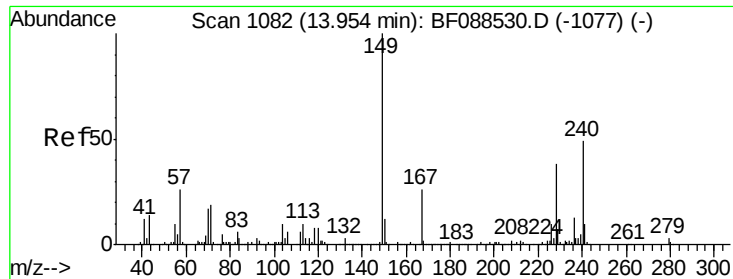
101 16.1 0.0 33.1

203 18.1 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

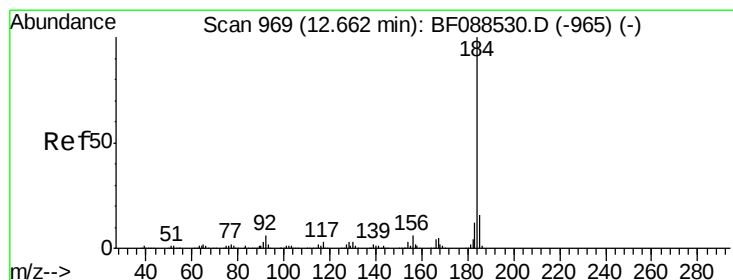
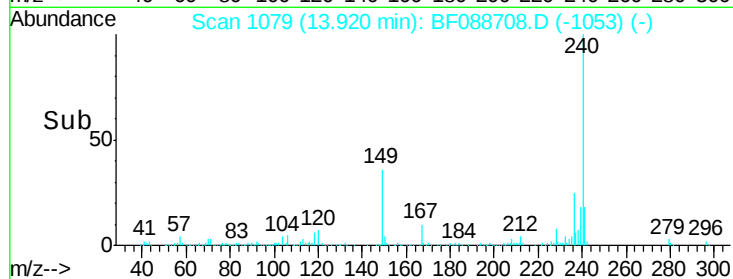
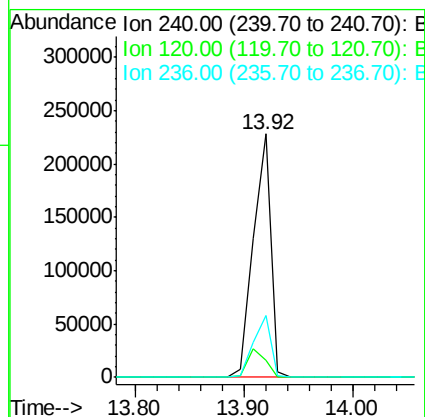
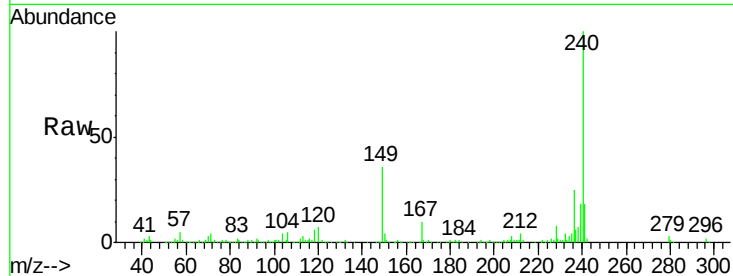




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1079
Delta R.T. 0.00 min
Lab File: BF088708.D
Acq: 5 Jul 2016 17:43

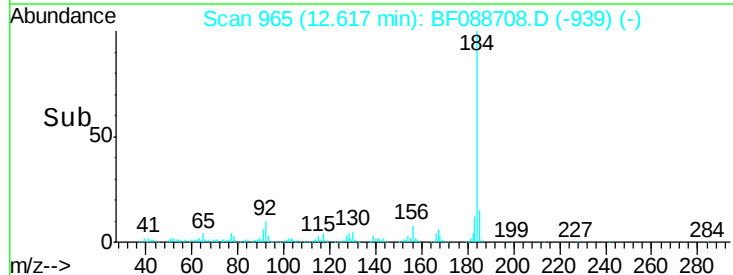
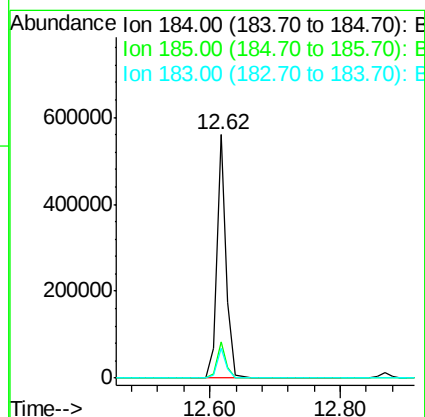
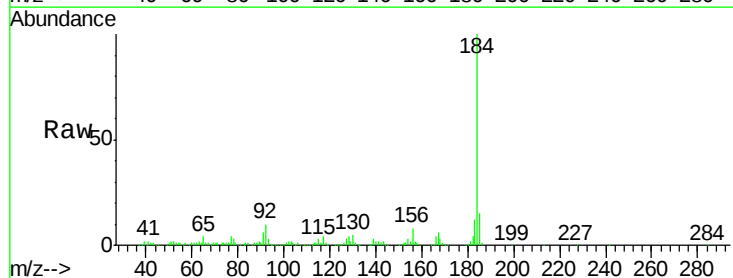
Instrument :
BNA_F
ClientSampleId :
PB91867BS

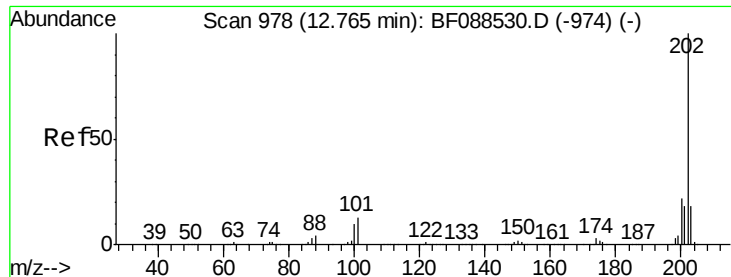
Tgt Ion:240 Resp: 256721
Ion Ratio Lower Upper
240 100
120 7.2 6.8 10.2
236 25.3 20.2 30.2



#76
Benzidine
Concen: 43.54 ng
RT: 12.62 min Scan# 965
Delta R.T. 0.00 min
Lab File: BF088708.D
Acq: 5 Jul 2016 17:43

Tgt Ion:184 Resp: 564960
Ion Ratio Lower Upper
184 100
185 14.9 12.5 18.7
183 12.1 9.3 13.9





#77

Pyrene

Concen: 37.35 ng

RT: 12.72 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF088708.D

Acq: 5 Jul 2016 17:43

Instrument :

BNA_F

ClientSampleId :

PB91867BS

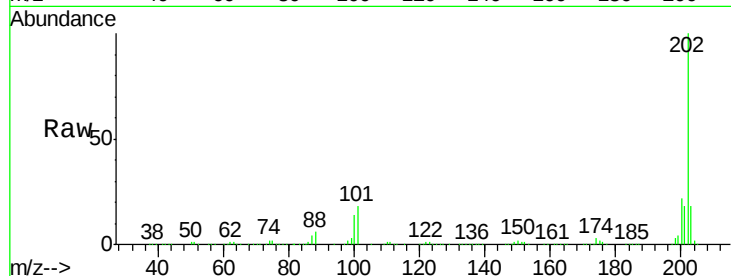
Tgt Ion: 202 Resp: 813058

Ion Ratio Lower Upper

202 100

200 21.6 17.4 26.2

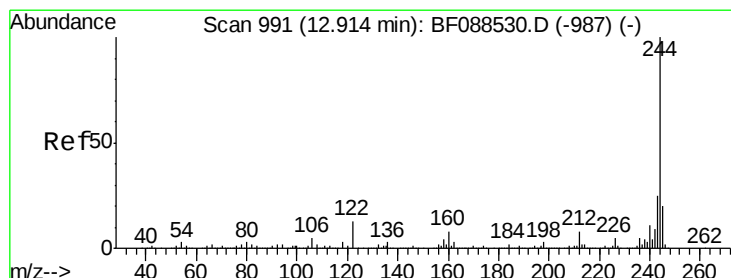
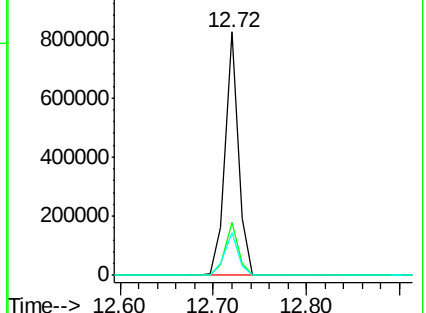
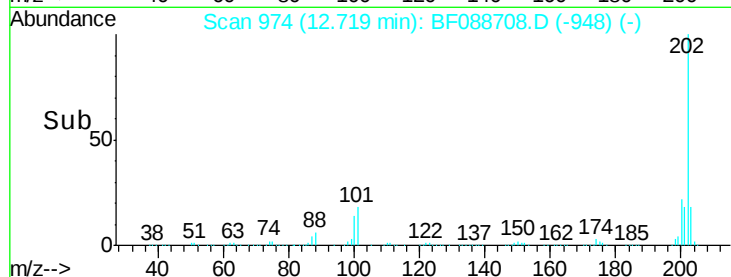
203 17.7 14.5 21.7



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: 84.50 ng

RT: 12.87 min Scan# 987

Delta R.T. 0.00 min

Lab File: BF088708.D

Acq: 5 Jul 2016 17:43

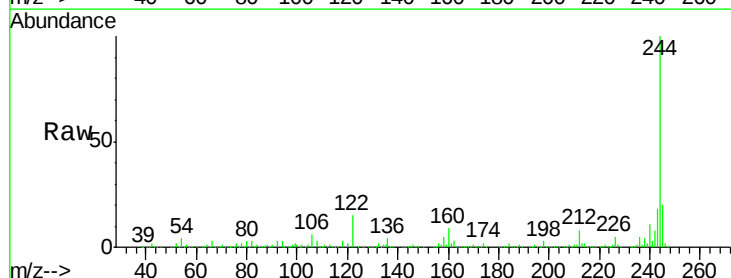
Tgt Ion: 244 Resp: 973975

Ion Ratio Lower Upper

244 100

212 8.1 6.0 9.0

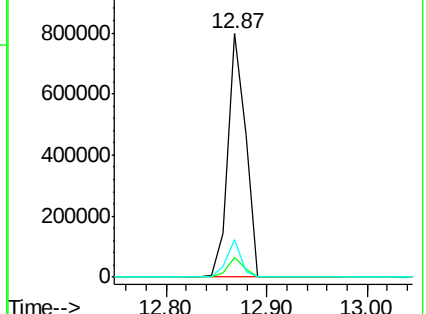
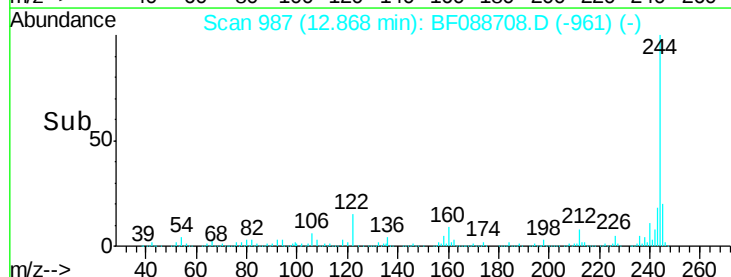
122 15.2 11.2 16.8

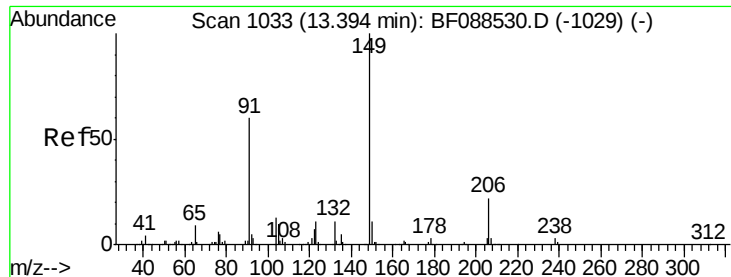


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

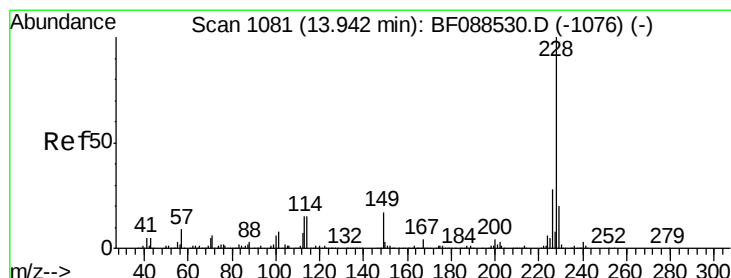
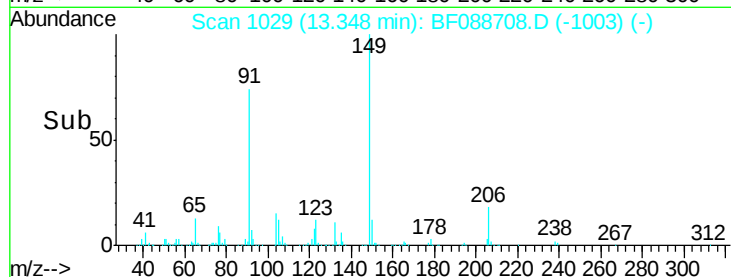
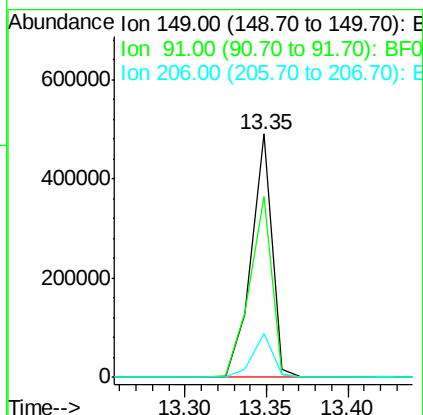
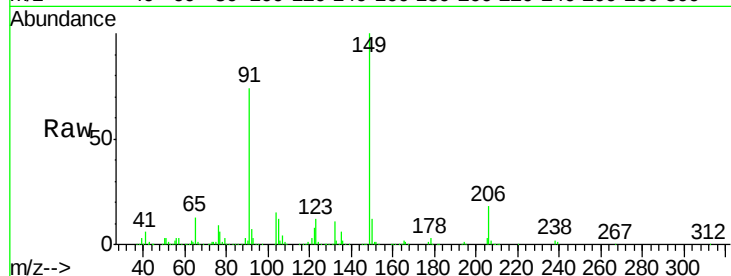




#79
Butylbenzylphthalate
Concen: 44.90 ng
RT: 13.35 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF088708.D
Acq: 5 Jul 2016 17:43

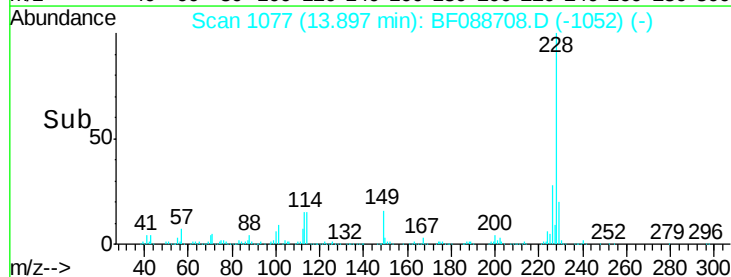
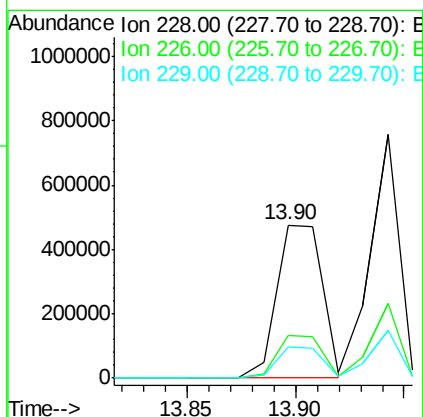
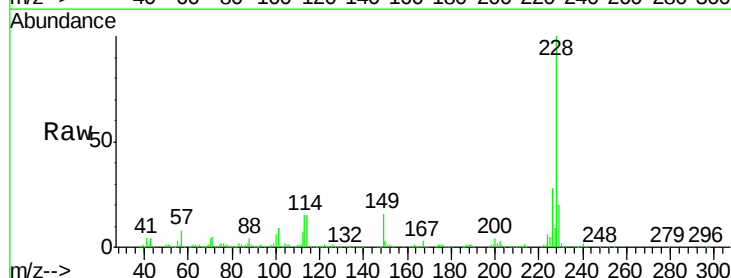
Instrument :
BNA_F
ClientSampleId :
PB91867BS

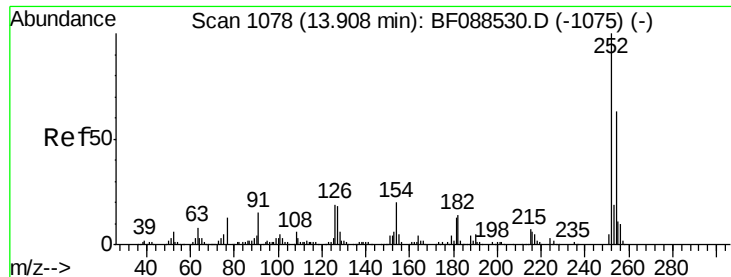
Tgt Ion:149 Resp: 435947
Ion Ratio Lower Upper
149 100
91 74.2 48.0 72.0#
206 17.9 16.0 24.0



#80
Benzo(a)anthracene
Concen: 42.16 ng
RT: 13.90 min Scan# 1077
Delta R.T. -0.01 min
Lab File: BF088708.D
Acq: 5 Jul 2016 17:43

Tgt Ion:228 Resp: 697001
Ion Ratio Lower Upper
228 100
226 28.0 22.3 33.5
229 20.1 16.0 24.0

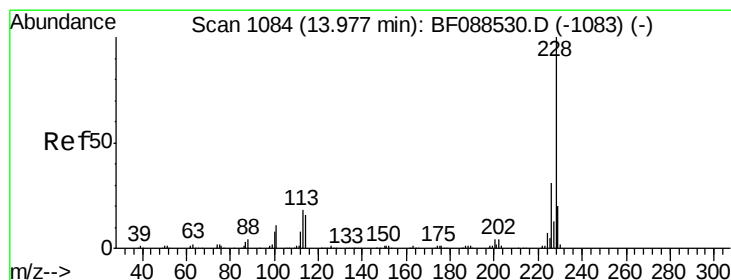
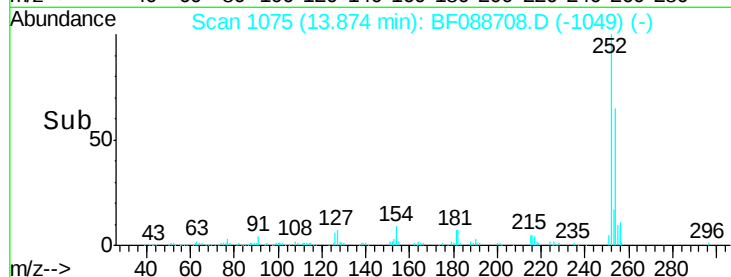
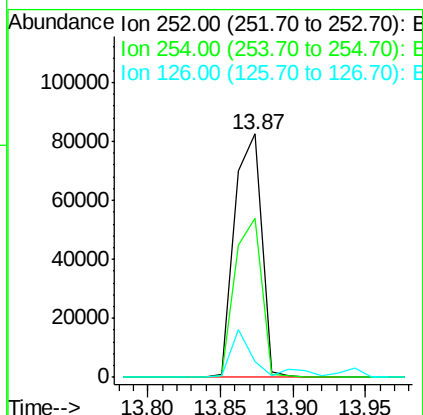
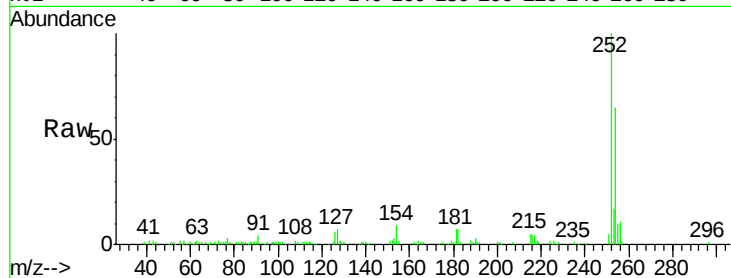




#81
 3,3'-Dichlorobenzidine
 Concen: 17.22 ng
 RT: 13.87 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: BF088708.D
 Acq: 5 Jul 2016 17:43

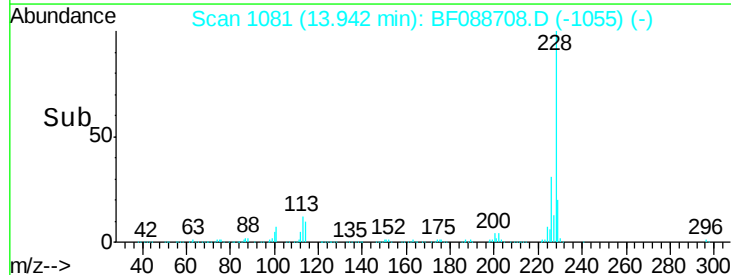
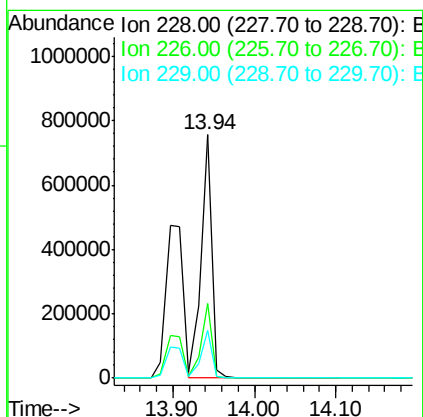
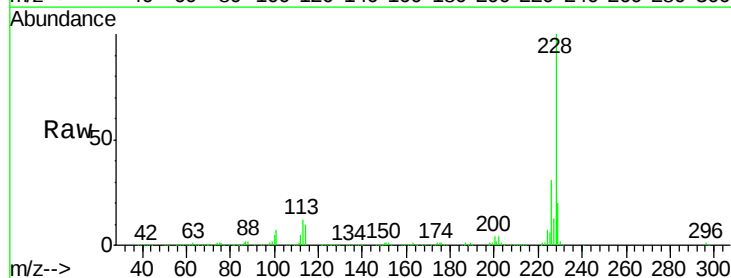
Instrument :
 BNA_F
 ClientSampled :
 PB91867BS

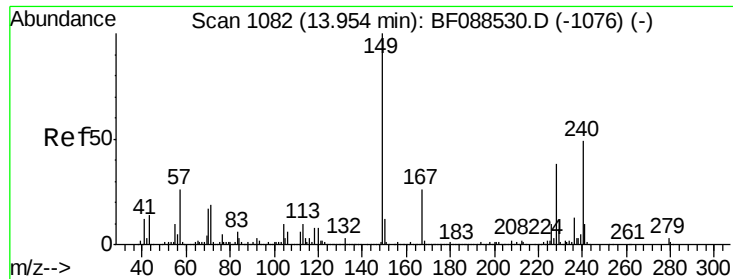
Tgt Ion:252 Resp: 107033
 Ion Ratio Lower Upper
 252 100
 254 65.5 52.6 78.8
 126 6.3 6.2 9.2



#82
 Chrysene
 Concen: 42.58 ng
 RT: 13.94 min Scan# 1081
 Delta R.T. 0.00 min
 Lab File: BF088708.D
 Acq: 5 Jul 2016 17:43

Tgt Ion:228 Resp: 696412
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.4 38.2
 229 19.7 16.3 24.5

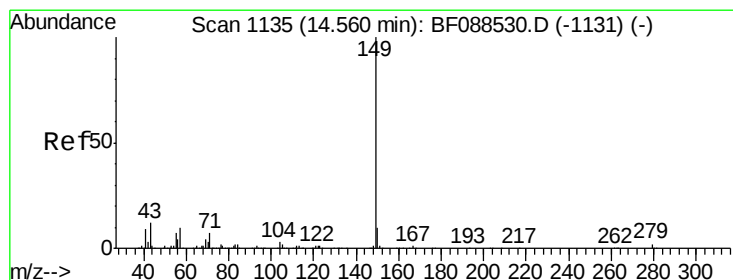
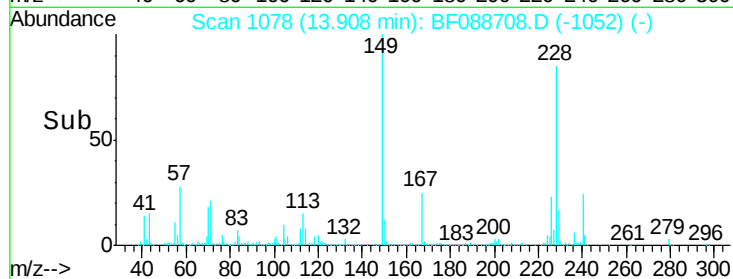
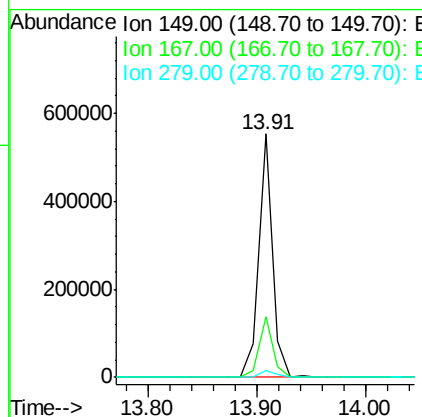
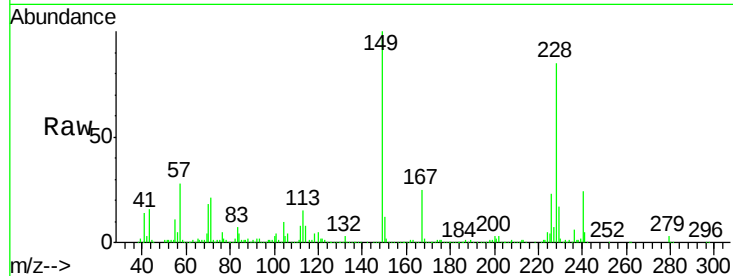




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.52 ng
 RT: 13.91 min Scan# 1078
 Delta R.T. 0.00 min
 Lab File: BF088708.D
 Acq: 5 Jul 2016 17:43

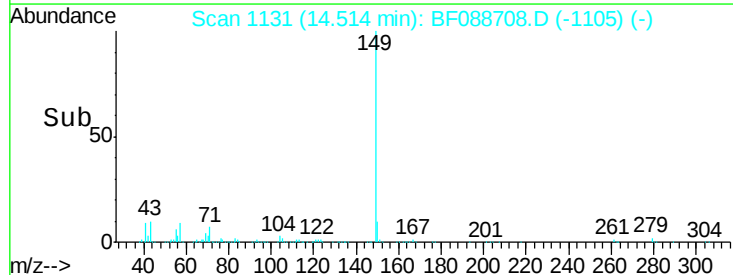
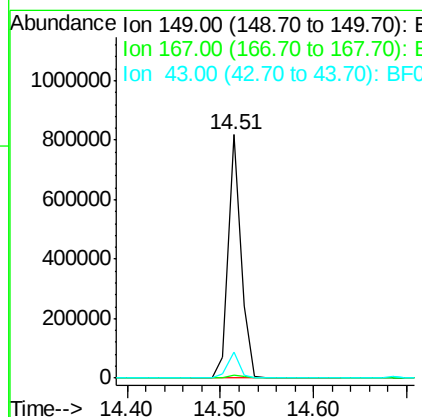
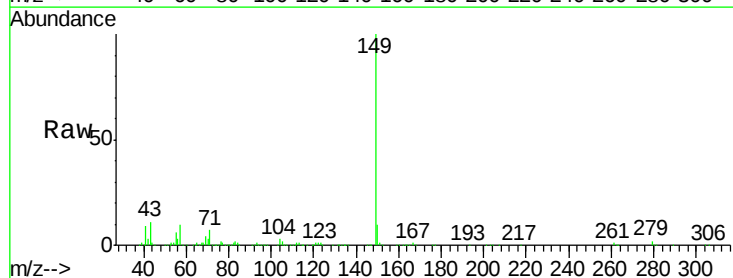
Instrument :
 BNA_F
 ClientSampleId :
 PB91867BS

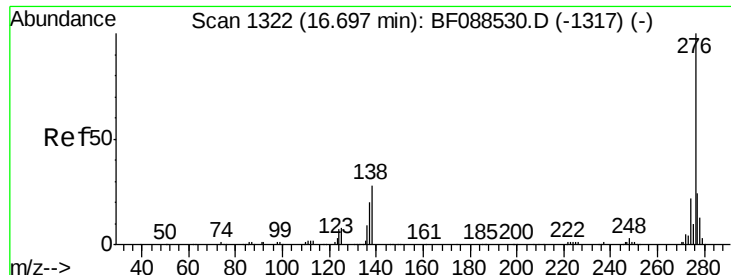
Tgt Ion:149 Resp: 493551
 Ion Ratio Lower Upper
 149 100
 167 25.1 20.5 30.7
 279 2.6 2.0 3.0



#84
 Di-n-octyl phthalate
 Concen: 41.53 ng
 RT: 14.51 min Scan# 1131
 Delta R.T. 0.00 min
 Lab File: BF088708.D
 Acq: 5 Jul 2016 17:43

Tgt Ion:149 Resp: 782154
 Ion Ratio Lower Upper
 149 100
 167 1.5 0.0 0.0#
 43 9.6 0.0 0.0#

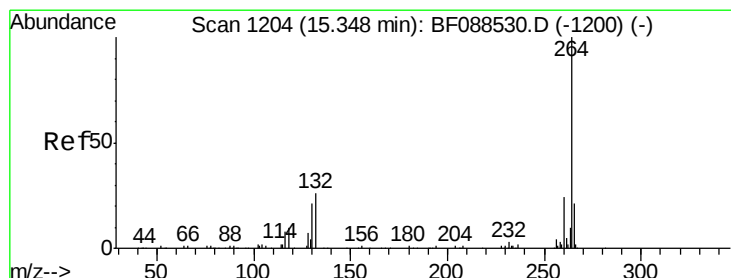
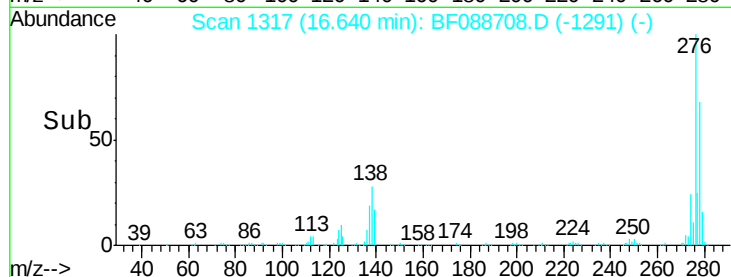
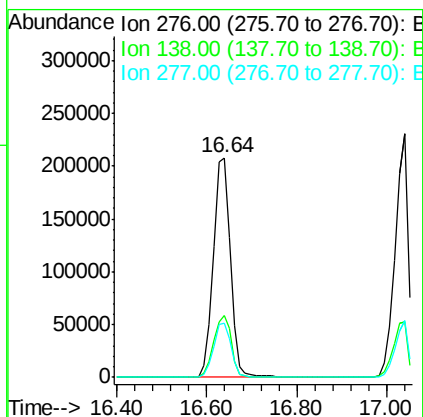
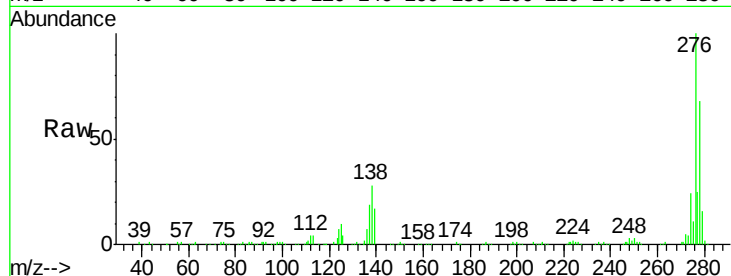




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.22 ng
 RT: 16.64 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: BF088708.D
 Acq: 5 Jul 2016 17:43

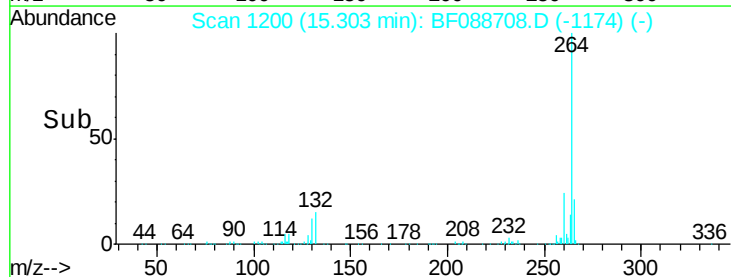
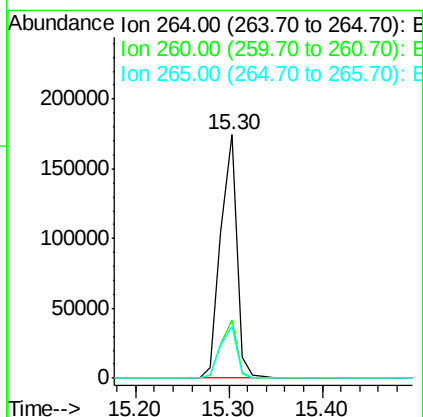
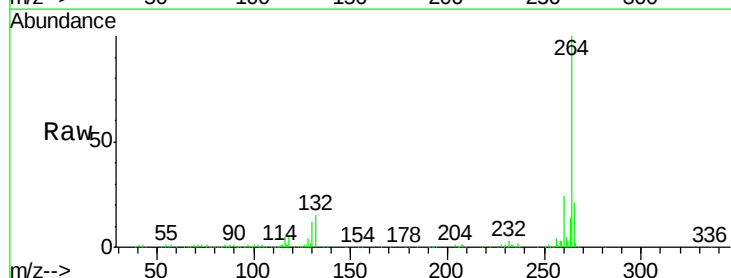
Instrument :
 BNA_F
 ClientSampleId :
 PB91867BS

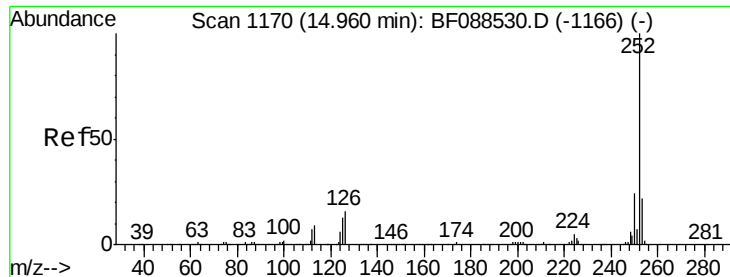
Tgt Ion: 276 Resp: 556418
 Ion Ratio Lower Upper
 276 100
 138 29.0 0.0 0.0#
 277 25.3 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF088708.D
 Acq: 5 Jul 2016 17:43

Tgt Ion: 264 Resp: 210715
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.4 16.9 25.3

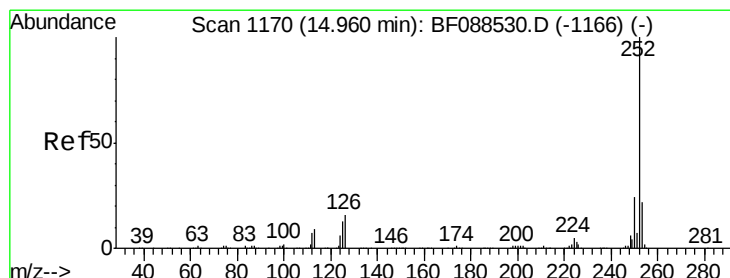
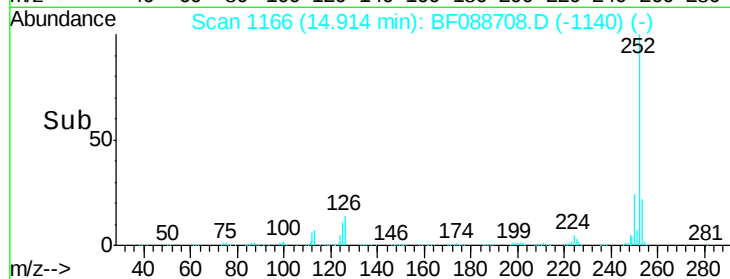
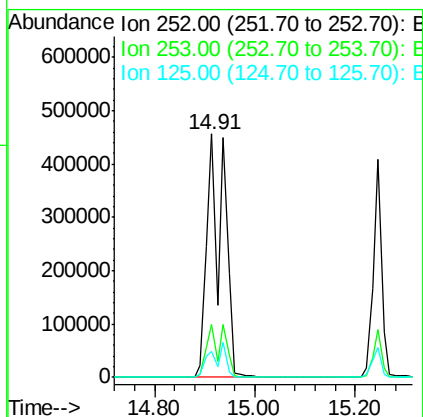
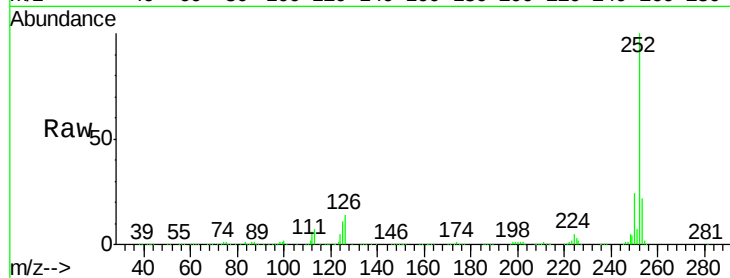




#87
Benzo(b)fluoranthene
Concen: 79.61 ng
RT: 14.91 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF088708.D
Acq: 5 Jul 2016 17:43

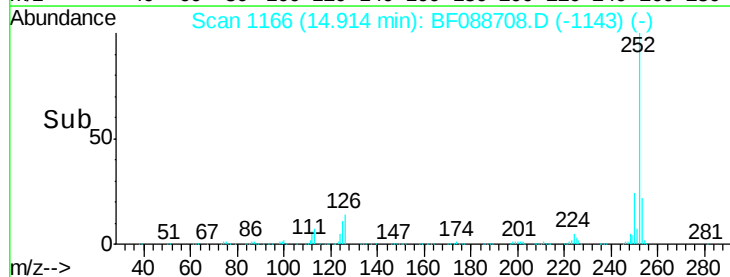
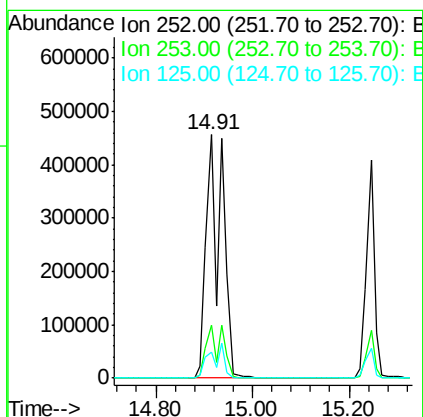
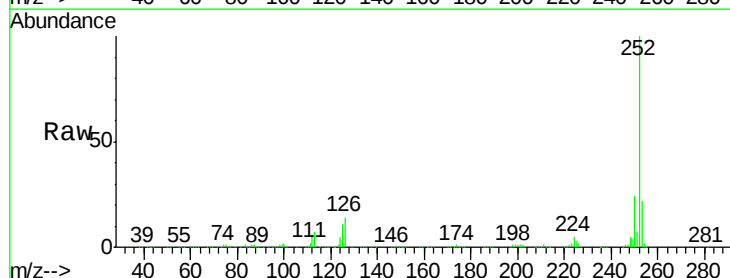
Instrument :
BNA_F
ClientSampleId :
PB91867BS

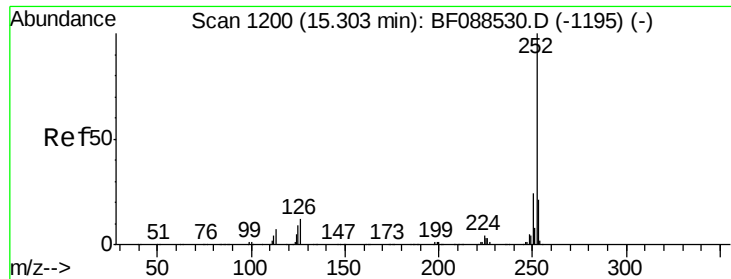
Tgt Ion:252 Resp: 1052309
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 10.8 7.1 10.7#



#88
Benzo(k)fluoranthene
Concen: 91.45 ng
RT: 14.91 min Scan# 1166
Delta R.T. -0.03 min
Lab File: BF088708.D
Acq: 5 Jul 2016 17:43

Tgt Ion:252 Resp: 1052322
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 10.8 11.2 16.8#





#89

Benzo(a)pyrene

Concen: 42.96 ng

RT: 15.25 min Scan# 1195

Delta R.T. 0.00 min

Lab File: BF088708.D

Acq: 5 Jul 2016 17:43

Instrument :

BNA_F

ClientSampleId :

PB91867BS

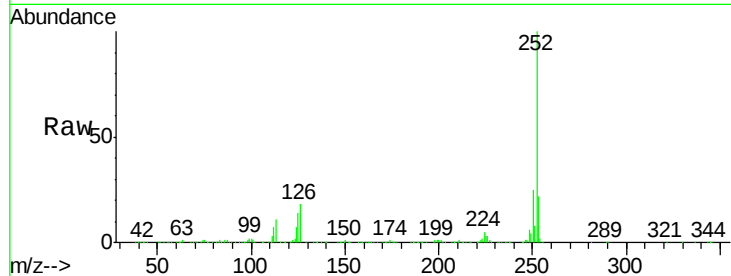
Tgt Ion:252 Resp: 480809

Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

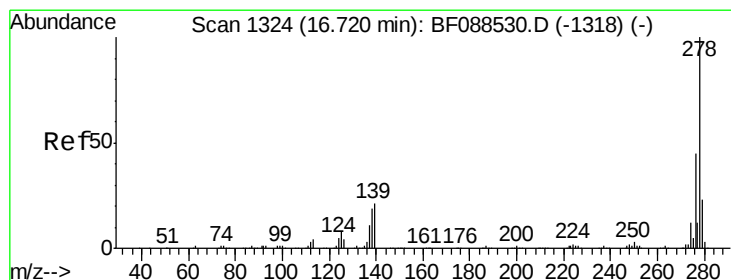
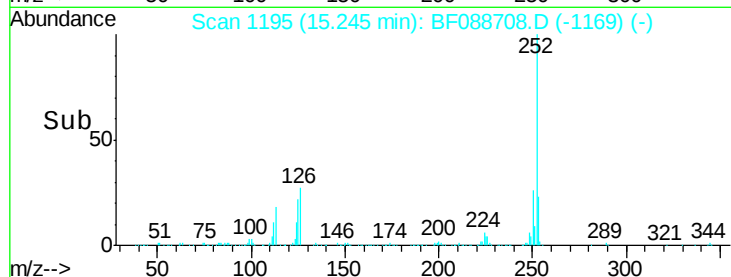
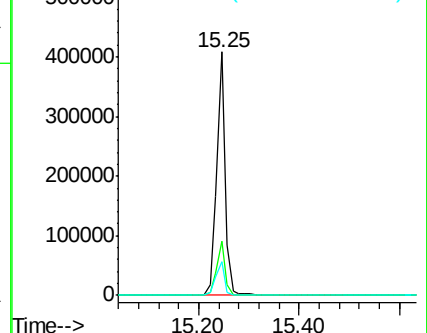
125 13.9 12.5 18.7



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



#90

Dibenzo(a,h)anthracene

Concen: 48.27 ng

RT: 16.65 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BF088708.D

Acq: 5 Jul 2016 17:43

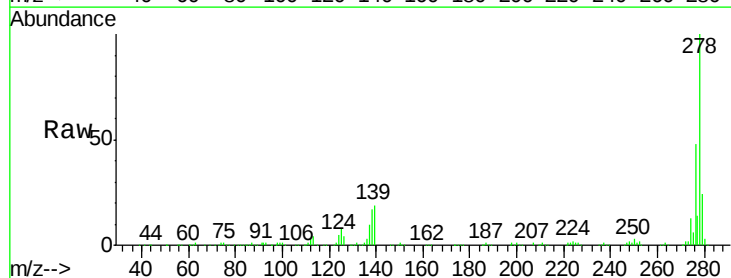
Tgt Ion:278 Resp: 451096

Ion Ratio Lower Upper

278 100

139 19.1 15.7 23.5

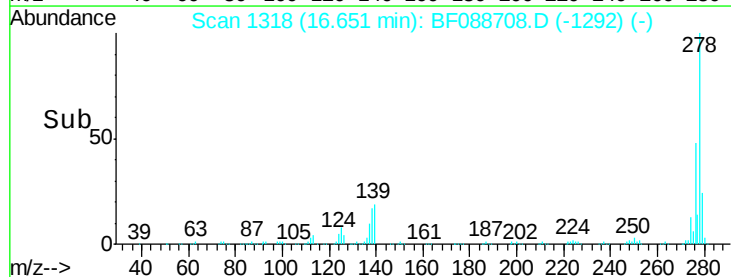
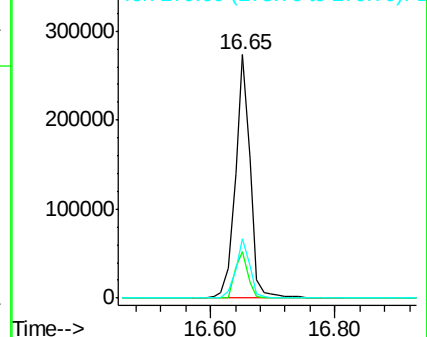
279 24.4 19.4 29.2

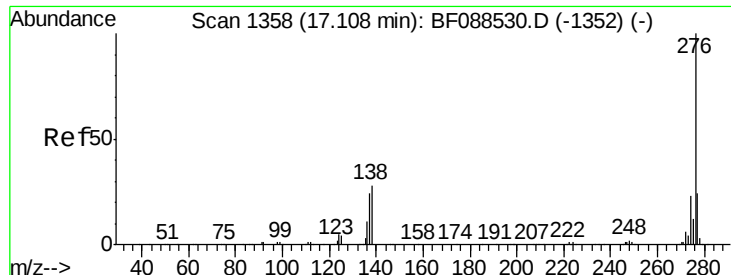


Abundance Ion 278.00 (277.70 to 278.70): E

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: 49.72 ng

RT: 17.04 min Scan# 1352

Delta R.T. 0.00 min

Lab File: BF088708.D

Acq: 5 Jul 2016 17:43

Instrument :

BNA_F

ClientSampleId :

PB91867BS

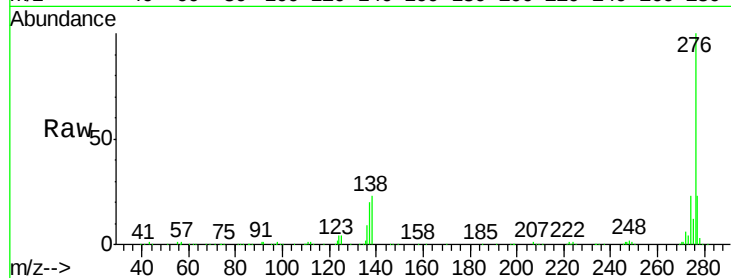
Tgt Ion: 276 Resp: 480875

Ion Ratio Lower Upper

276 100

277 23.3 18.9 28.3

138 22.6 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

