

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070816\
 Data File : BF088858.D
 Acq On : 9 Jul 2016 7:33
 Operator : UM/SJ
 Sample : PB91940BS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91940BS

Quant Time: Jul 11 00:53:07 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 18:51:20 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	86682	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	350098	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	165908	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	305965	20.00	ng	0.00
75) Chrysene-d12	13.86	240	163355	20.00	ng	-0.01
86) Perylene-d12	15.23	264	167455	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	620650	107.31	ng	0.01
7) Phenol-d6	6.38	99	708095	94.75	ng	0.00
23) Nitrobenzene-d5	7.30	82	514177	76.96	ng	0.00
41) 2,4,6-Tribromophenol	10.56	330	192336	124.84	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	853651	81.27	ng	0.00
78) Terphenyl-d14	12.82	244	627017	85.49	ng	0.00

Target Compounds						Qvalue
3) Pyridine	2.99	79	226236	27.19	ng	91
4) n-Nitrosodimethylamine	2.96	42	93595	29.44	ng	87
6) Aniline	6.39	93	199892	18.35	ng	# 1
8) 2-Chlorophenol	6.51	128	217004	34.91	ng	99
9) Benzaldehyde	6.27	77	167656	33.12	ng	92
10) Phenol	6.39	94	256696	30.10	ng	# 64
11) bis(2-Chloroethyl)ether	6.47	93	204604	32.17	ng	92
12) 1,3-Dichlorobenzene	6.90	146	239229	34.97	ng	99
13) 1,4-Dichlorobenzene	6.74	146	237936	35.04	ng	93
14) 1,2-Dichlorobenzene	6.67	146	246150	38.73	ng	96
15) Benzyl Alcohol	6.88	79	207649	37.75	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.02	45	244866	26.58	ng	89
17) 2-Methylphenol	6.99	107	186601	36.80	ng	96
18) Hexachloroethane	7.24	117	96001	36.55	ng	91
19) n-Nitroso-di-n-propylamine	7.15	70	151900	30.26	ng	92
20) 3+4-Methylphenols	7.15	107	234219	38.48	ng	94
22) Acetophenone	7.14	105	317658	37.38	ng	# 91
24) Nitrobenzene	7.31	77	223277	33.15	ng	# 82
25) Isophorone	7.56	82	450413	36.40	ng	97
26) 2-Nitrophenol	7.63	139	115264	41.73	ng	95
27) 2,4-Dimethylphenol	7.68	122	196491	34.15	ng	87
28) bis(2-Chloroethoxy)methane	7.77	93	275111	34.16	ng	# 95
29) 2,4-Dichlorophenol	7.87	162	177590	38.20	ng	94
30) 1,2,4-Trichlorobenzene	7.96	180	201673	39.53	ng	97
31) Naphthalene	8.03	128	641499	37.17	ng	99
32) Benzoic acid	7.82	122	107252	25.68	ng	93
33) 4-Chloroaniline	8.09	127	77773	10.13	ng	# 94
34) Hexachlorobutadiene	8.16	225	106622	39.03	ng	98
35) Caprolactam	8.46	113	41408	26.22	ng	# 89
36) 4-Chloro-3-methylphenol	8.58	107	218790	39.79	ng	97
37) 2-Methylnaphthalene	8.73	142	453791	40.83	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	180341	32.68	ng	# 1
40) Hexachlorocyclopentadiene	8.89	237	188002	69.41	ng	98
42) 2,4,6-Trichlorophenol	9.00	196	122857	33.77	ng	97

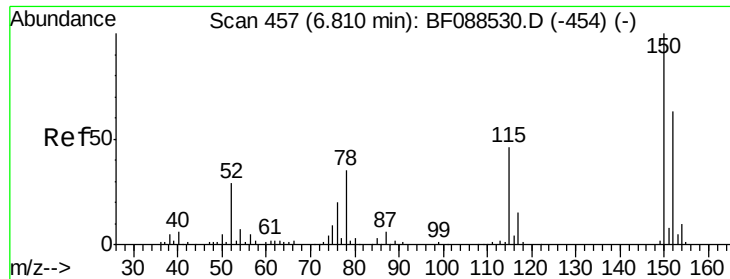
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070816\
 Data File : BF088858.D
 Acq On : 9 Jul 2016 7:33
 Operator : UM/SJ
 Sample : PB91940BS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91940BS

Quant Time: Jul 11 00:53:07 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 18:51:20 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.05	196	134694	43.03	ng	# 95
45) 1,1'-Biphenyl	9.19	154	488193	35.54	ng	98
46) 2-Chloronaphthalene	9.21	162	376694	34.93	ng	96
47) 2-Nitroaniline	9.31	65	141572	36.99	ng	88
48) Acenaphthylene	9.63	152	647263	37.72	ng	98
49) Dimethylphthalate	9.50	163	439249	37.16	ng	100
50) 2,6-Dinitrotoluene	9.55	165	94930	36.24	ng	# 47
51) Acenaphthene	9.80	154	414644	39.42	ng	99
52) 3-Nitroaniline	9.71	138	51925	15.59	ng	# 79
53) 2,4-Dinitrophenol	9.83	184	60282	52.12	ng	90
54) Dibenzofuran	9.98	168	572936	41.61	ng	96
55) 4-Nitrophenol	9.90	139	167168	66.06	ng	93
56) 2,4-Dinitrotoluene	9.95	165	137062	40.02	ng	# 43
57) Fluorene	10.31	166	378934	35.71	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.09	232	105560	43.59	ng	# 49
59) Diethylphthalate	10.19	149	447598	37.73	ng	97
60) 4-Chlorophenyl-phenylether	10.31	204	197851	40.13	ng	99
61) 4-Nitroaniline	10.33	138	91169	28.45	ng	82
62) Azobenzene	10.47	77	555431	41.05	ng	97
64) 4,6-Dinitro-2-methylphenol	10.36	198	54759	33.46	ng	# 78
65) n-Nitrosodiphenylamine	10.42	169	369732	35.70	ng	99
66) 4-Bromophenyl-phenylether	10.80	248	119519	38.76	ng	# 89
67) Hexachlorobenzene	10.86	284	126117	36.95	ng	96
68) Atrazine	10.96	200	134039	41.54	ng	94
69) Pentachlorophenol	11.05	266	121038	59.92	ng	97
70) Phenanthrene	11.27	178	649144	38.81	ng	99
71) Anthracene	11.31	178	574603	34.55	ng	100
72) Carbazole	11.47	167	599726	38.32	ng	100
73) Di-n-butylphthalate	11.82	149	761830	41.84	ng	98
74) Fluoranthene	12.45	202	584577	34.48	ng	99
76) Benzidine	12.57	184	213934	25.91	ng	98
77) Pyrene	12.67	202	616127	44.48	ng	99
79) Butylbenzylphthalate	13.30	149	286898	46.44	ng	90
80) Benzo(a)anthracene	13.85	228	395840	37.63	ng	99
81) 3,3'-Dichlorobenzidine	13.82	252	80780	20.43	ng	# 95
82) Chrysene	13.90	228	388814	37.36	ng	97
83) Bis(2-ethylhexyl)phthalate	13.86	149	325535	46.15	ng	98
84) Di-n-octyl phthalate	14.47	149	483155	40.32	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.55	276	443181	55.35	ng	# 100
87) Benzo(b)fluoranthene	14.86	252	694119	66.08	ng	# 96
88) Benzo(k)fluoranthene	14.86	252	694119	75.90	ng	99
89) Benzo(a)pyrene	15.19	252	352012	39.58	ng	# 94
90) Dibenzo(a,h)anthracene	16.56	278	366314	49.32	ng	98
91) Benzo(g,h,i)perylene	16.94	276	375215	48.82	ng	97

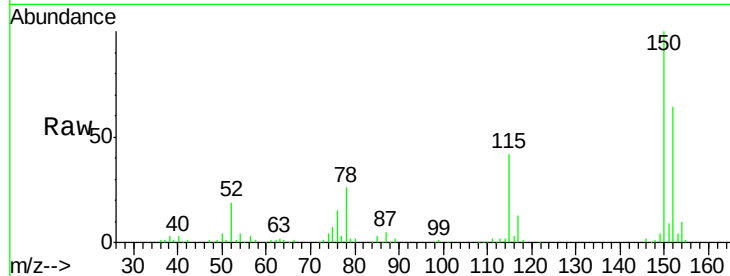
(#) = qualifier out of range (m) = manual integration (+) = signals summed



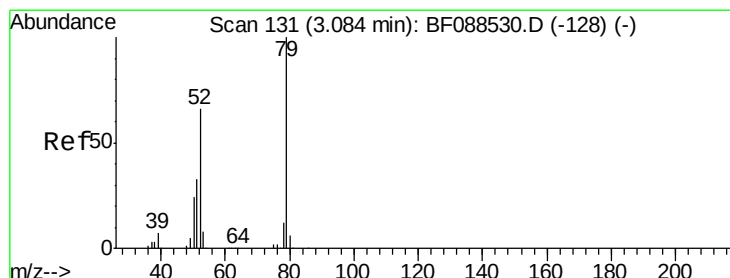
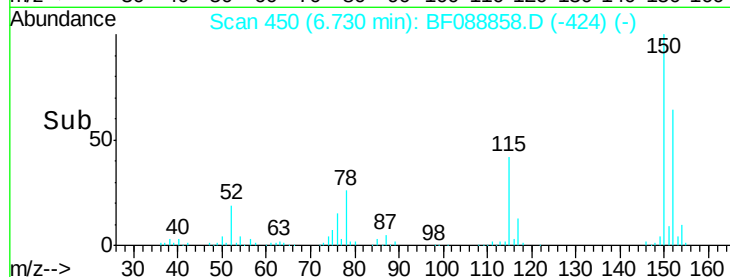
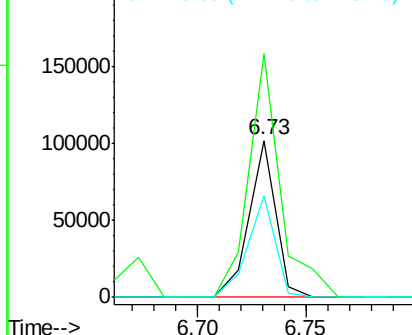
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.73 min Scan# 450
 Delta R.T. 0.00 min
 Lab File: BF088858.D
 Acq: 9 Jul 2016 7:33

Instrument :
 BNA_F
 ClientSampleId :
 PB91940BS

Tgt Ion: 152 Resp: 86682
 Ion Ratio Lower Upper
 152 100
 150 155.4 123.8 185.6
 115 64.8 39.6 59.4#

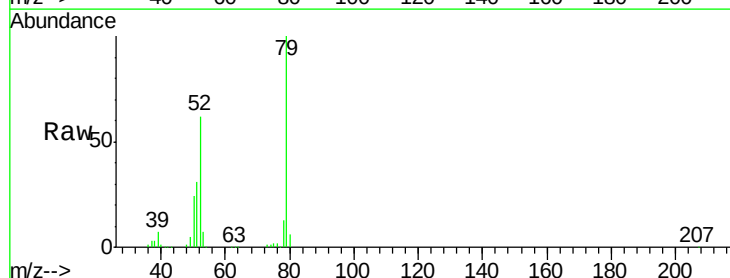


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

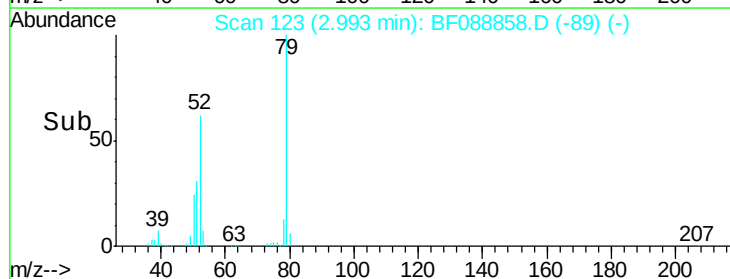
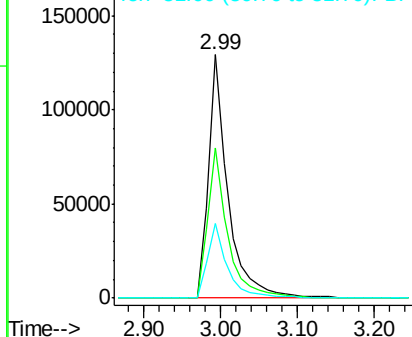


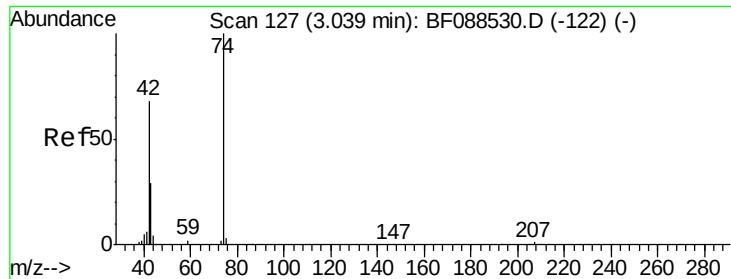
#3
 Pyridine
 Concen: 27.19 ng
 RT: 2.99 min Scan# 123
 Delta R.T. 0.09 min
 Lab File: BF088858.D
 Acq: 9 Jul 2016 7:33

Tgt Ion: 79 Resp: 226236
 Ion Ratio Lower Upper
 79 100
 52 61.8 56.3 84.5
 51 30.7 27.4 41.2



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





#4

n-Nitrosodimethylamine

Concen: 29.44 ng

RT: 2.96 min Scan# 120

Delta R.T. 0.09 min

Lab File: BF088858.D

Acq: 9 Jul 2016 7:33

Instrument :

BNA_F

ClientSampleId :

PB91940BS

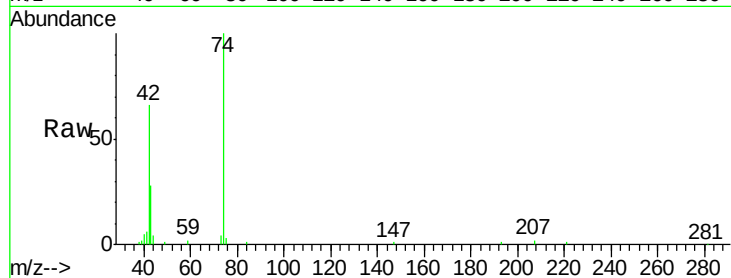
Tgt Ion: 42 Resp: 93595

Ion Ratio Lower Upper

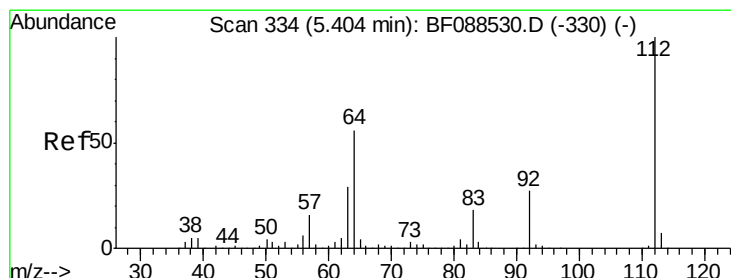
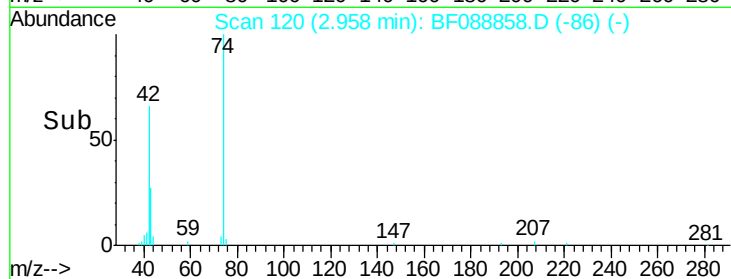
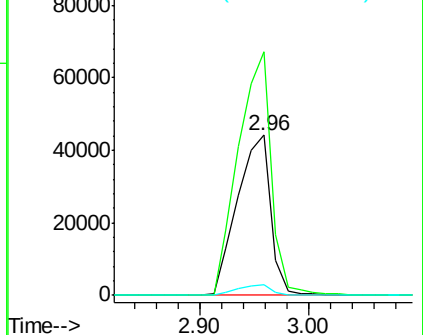
42 100

74 152.3 108.6 163.0

44 6.6 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: 107.31 ng

RT: 5.34 min Scan# 328

Delta R.T. 0.01 min

Lab File: BF088858.D

Acq: 9 Jul 2016 7:33

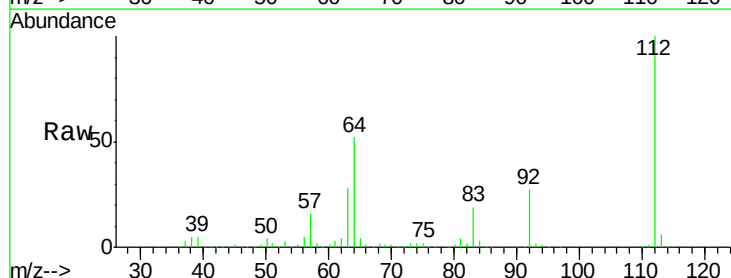
Tgt Ion: 112 Resp: 620650

Ion Ratio Lower Upper

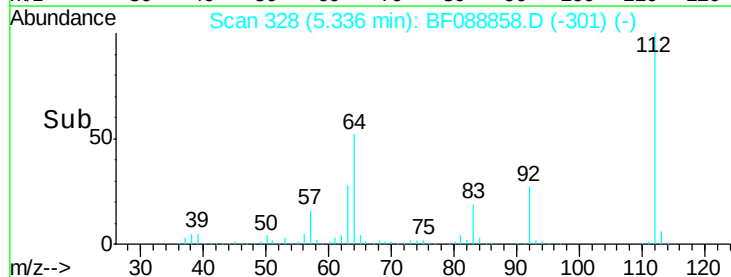
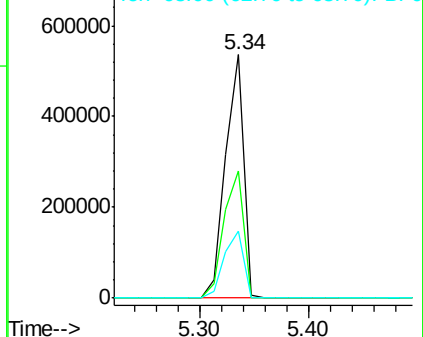
112 100

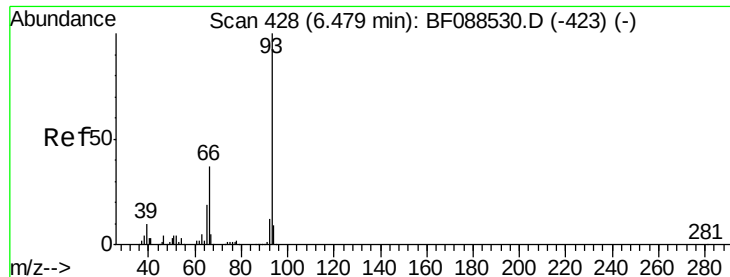
64 52.2 42.2 63.2

63 27.7 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: 18.35 ng

RT: 6.39 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF088858.D

Acq: 9 Jul 2016 7:33

Instrument :

BNA_F

ClientSampleId :

PB91940BS

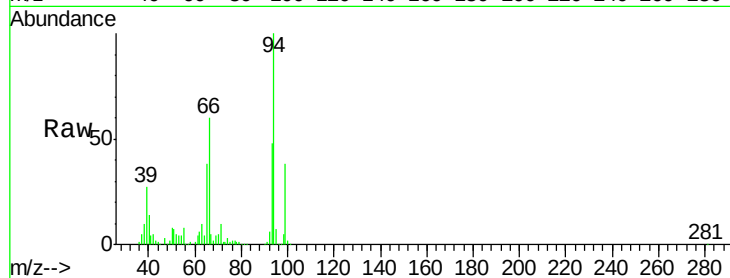
Tgt Ion: 93 Resp: 199892

Ion Ratio Lower Upper

93 100

66 124.8 29.8 44.8#

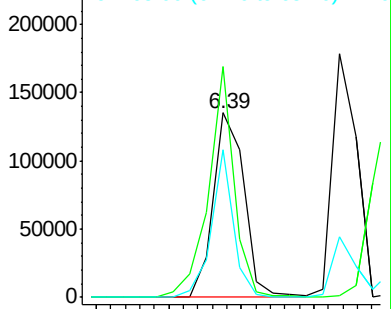
65 79.7 14.9 22.3#



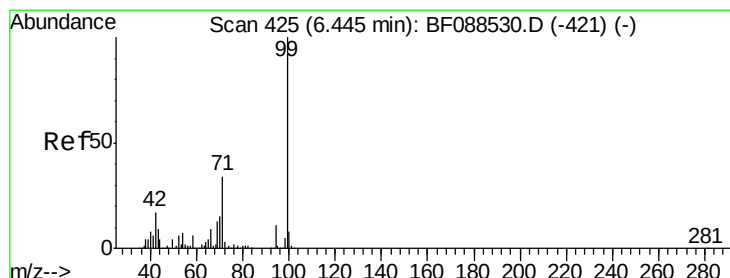
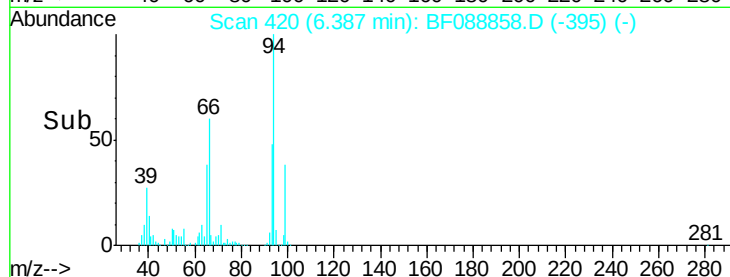
Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



Time-->



#7

Phenol-d6

Concen: 94.75 ng

RT: 6.38 min Scan# 419

Delta R.T. 0.00 min

Lab File: BF088858.D

Acq: 9 Jul 2016 7:33

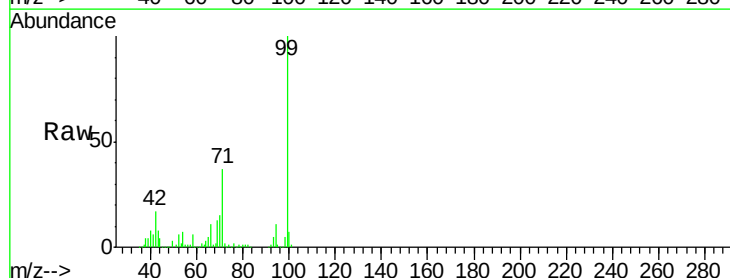
Tgt Ion: 99 Resp: 708095

Ion Ratio Lower Upper

99 100

42 16.9 12.2 18.2

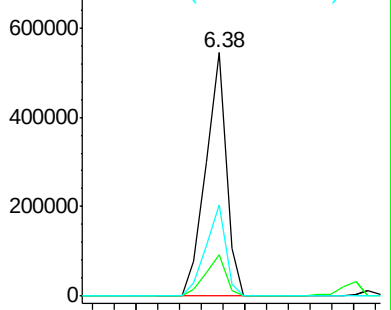
71 37.3 23.4 35.0#



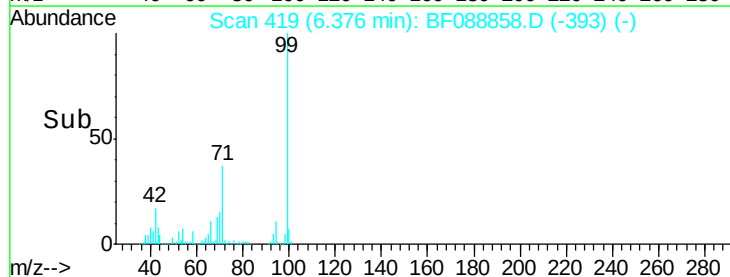
Abundance Ion 99.00 (98.70 to 99.70): BF0

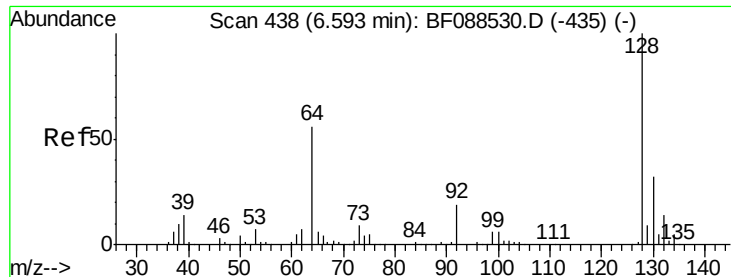
Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->





#8

2-Chlorophenol

Concen: 34.91 ng

RT: 6.51 min Scan# 431

Delta R.T. 0.00 min

Lab File: BF088858.D

Acq: 9 Jul 2016 7:33

Instrument :

BNA_F

ClientSampleId :

PB91940BS

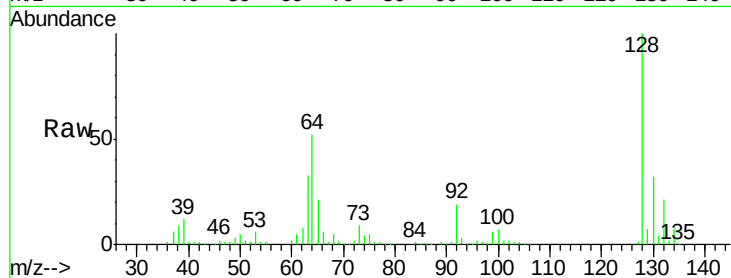
Tgt Ion:128 Resp: 217004

Ion Ratio Lower Upper

128 100

130 31.9 12.0 52.0

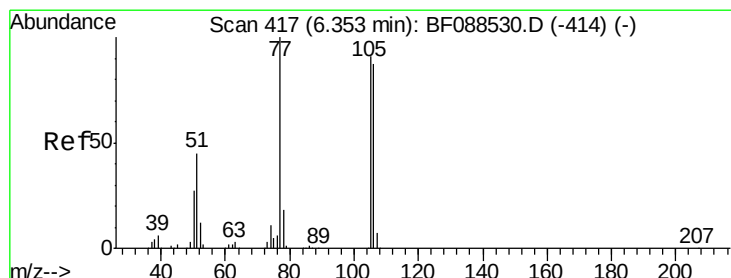
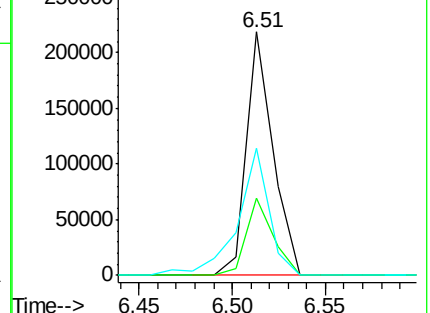
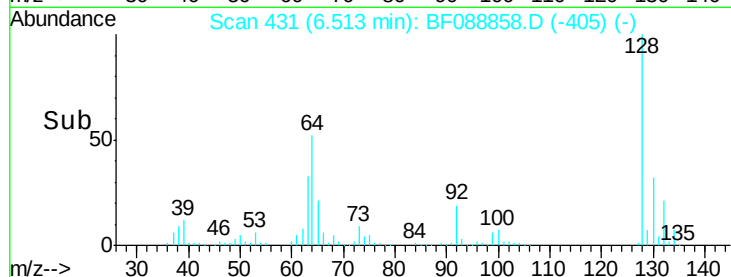
64 52.3 30.8 70.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



#9

Benzaldehyde

Concen: 33.12 ng

RT: 6.27 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF088858.D

Acq: 9 Jul 2016 7:33

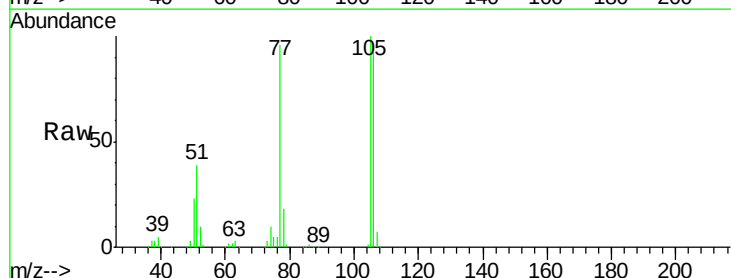
Tgt Ion: 77 Resp: 167656

Ion Ratio Lower Upper

77 100

105 104.0 90.6 130.6

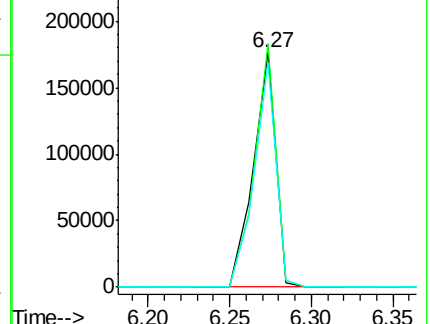
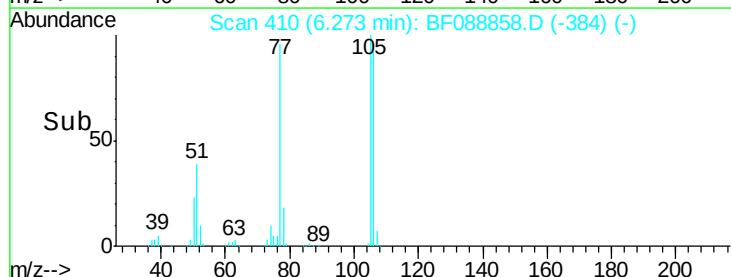
106 96.0 85.3 125.3

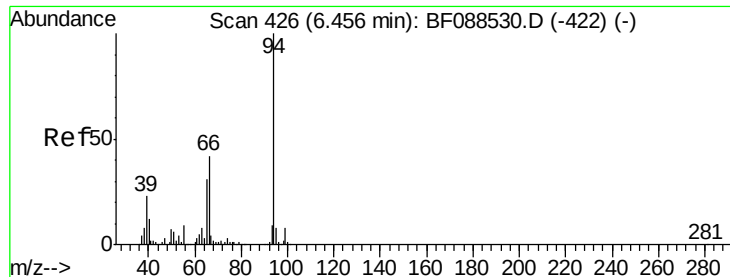


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 30.10 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF088858.D

Acq: 9 Jul 2016 7:33

Instrument :

BNA_F

ClientSampleId :

PB91940BS

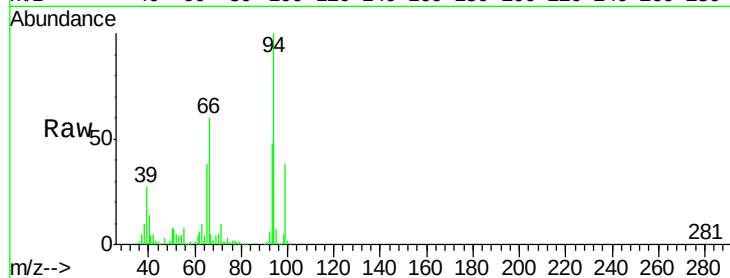
Tgt Ion: 94 Resp: 256696

Ion Ratio Lower Upper

94 100

65 38.2 5.9 45.9

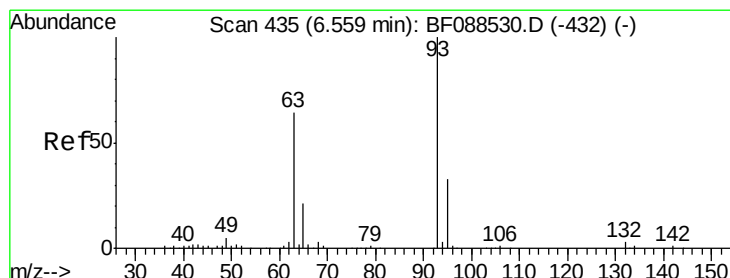
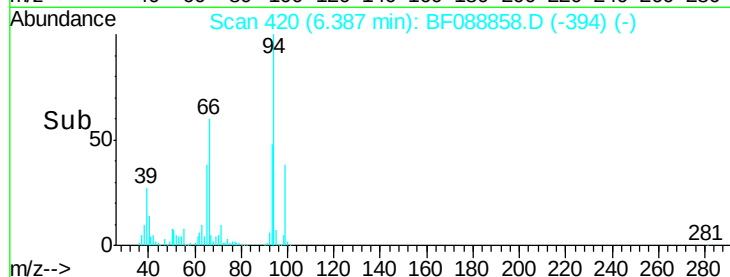
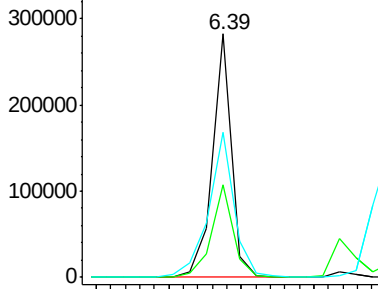
66 59.8 14.0 54.0#



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 32.17 ng

RT: 6.47 min Scan# 427

Delta R.T. -0.01 min

Lab File: BF088858.D

Acq: 9 Jul 2016 7:33

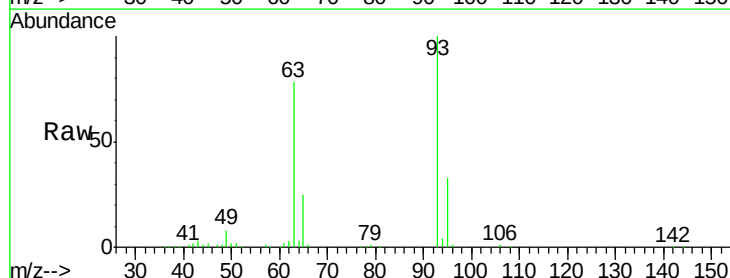
Tgt Ion: 93 Resp: 204604

Ion Ratio Lower Upper

93 100

63 77.5 67.6 107.6

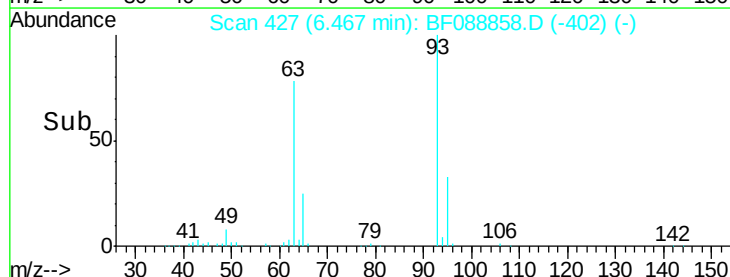
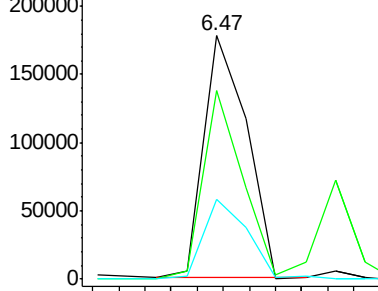
95 32.6 12.5 52.5

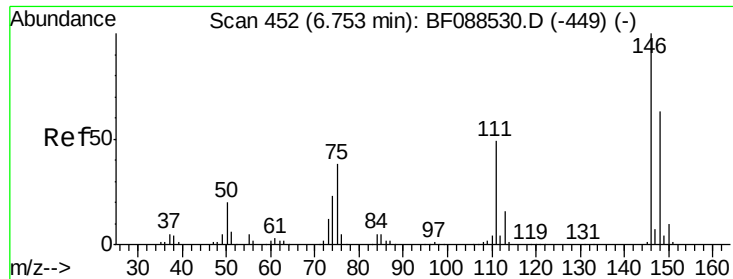


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

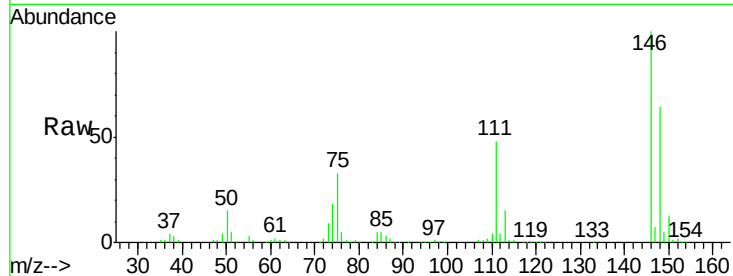




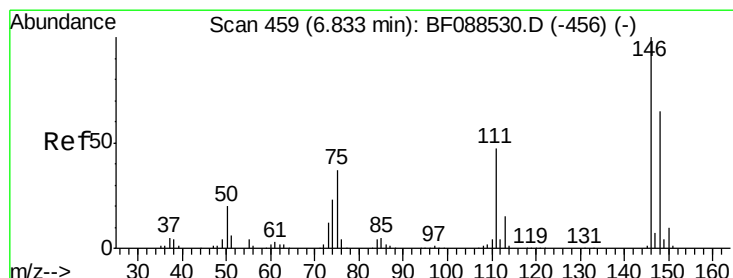
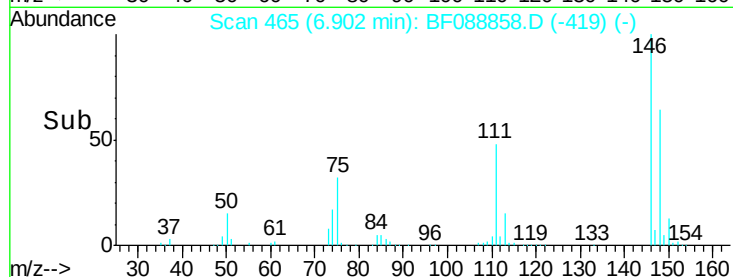
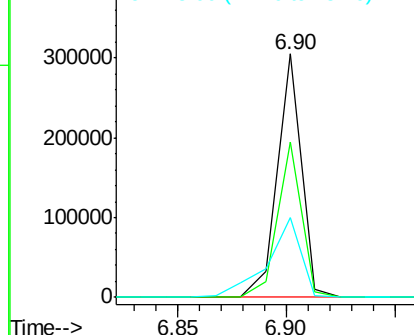
#12
 1,3-Dichlorobenzene
 Concen: 34.97 ng
 RT: 6.90 min Scan# 465
 Delta R.T. 0.23 min
 Lab File: BF088858.D
 Acq: 9 Jul 2016 7:33

Instrument :
 BNA_F
 ClientSampleId :
 PB91940BS

Tgt Ion:146 Resp: 239229
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.9 76.3
 75 32.9 25.6 38.4

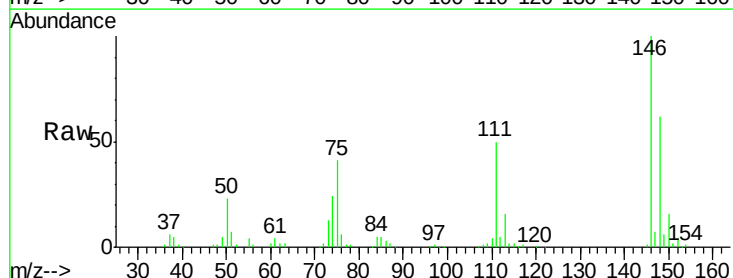


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

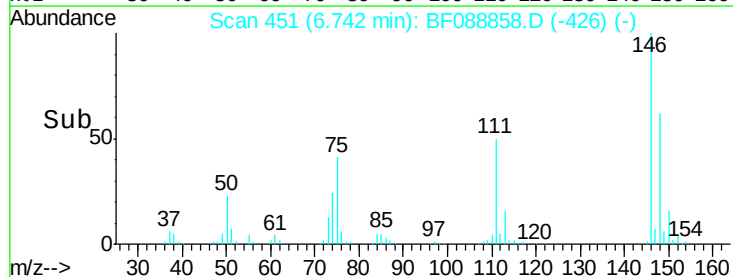
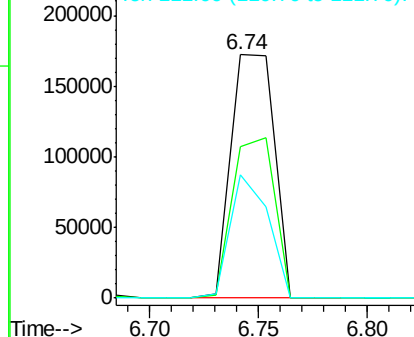


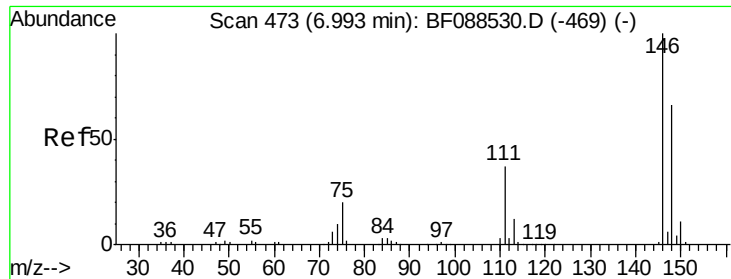
#13
 1,4-Dichlorobenzene
 Concen: 35.04 ng
 RT: 6.74 min Scan# 451
 Delta R.T. -0.01 min
 Lab File: BF088858.D
 Acq: 9 Jul 2016 7:33

Tgt Ion:146 Resp: 237936
 Ion Ratio Lower Upper
 146 100
 148 62.1 52.0 78.0
 111 50.4 33.8 50.8



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

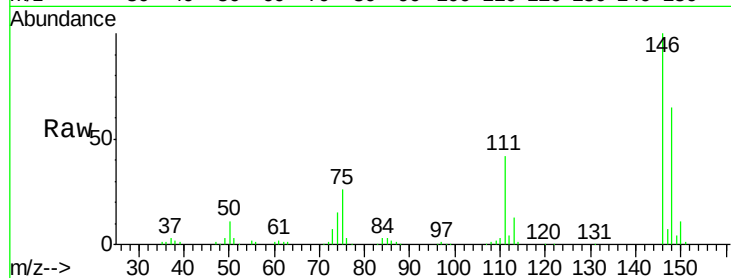




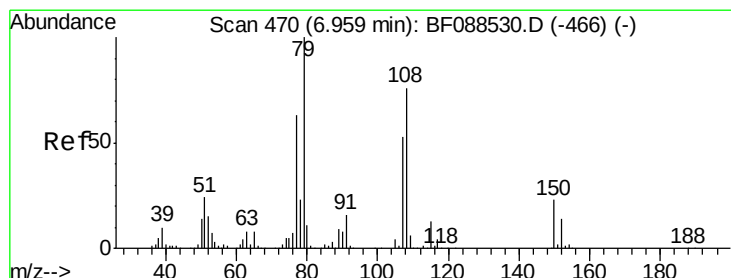
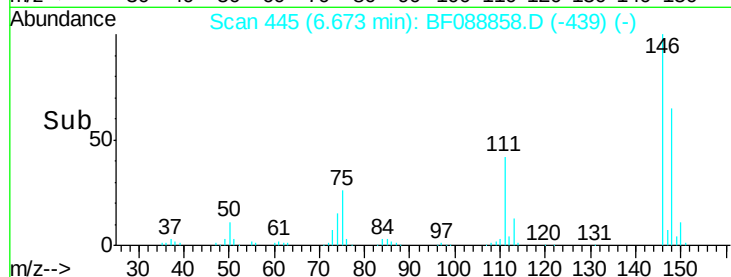
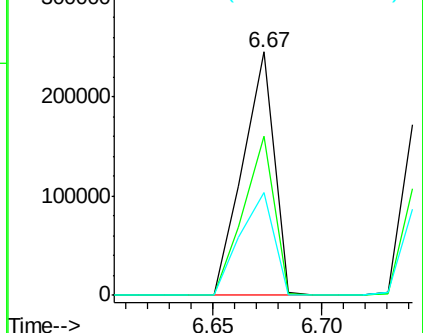
#14
 1,2-Dichlorobenzene
 Concen: 38.73 ng
 RT: 6.67 min Scan# 445
 Delta R.T. -0.23 min
 Lab File: BF088858.D
 Acq: 9 Jul 2016 7:33

Instrument :
 BNA_F
 ClientSampleId :
 PB91940BS

Tgt Ion: 146 Resp: 246150
 Ion Ratio Lower Upper
 146 100
 148 65.3 52.3 78.5
 111 42.0 28.7 43.1

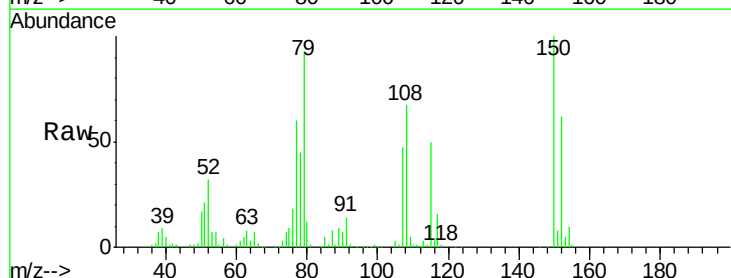


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

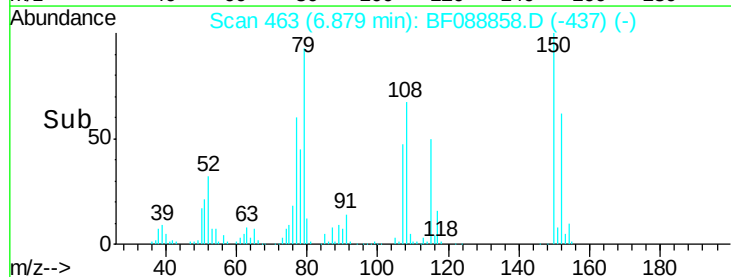
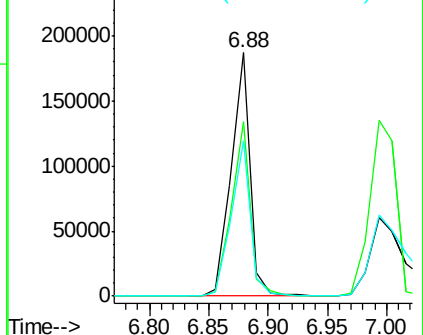


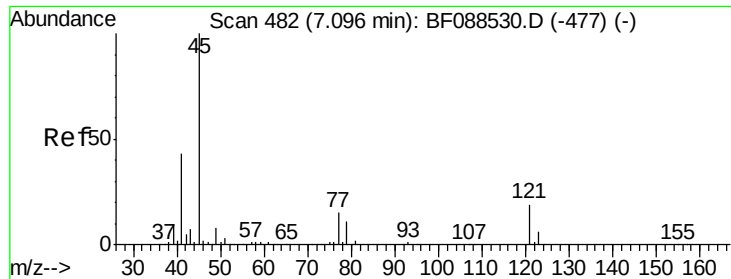
#15
 Benzyl Alcohol
 Concen: 37.75 ng
 RT: 6.88 min Scan# 463
 Delta R.T. 0.00 min
 Lab File: BF088858.D
 Acq: 9 Jul 2016 7:33

Tgt Ion: 79 Resp: 207649
 Ion Ratio Lower Upper
 79 100
 108 71.7 65.0 97.6
 77 63.8 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

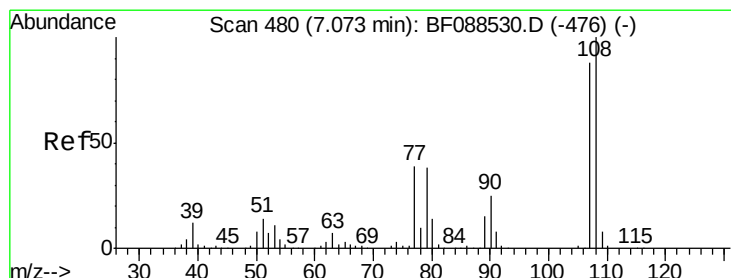
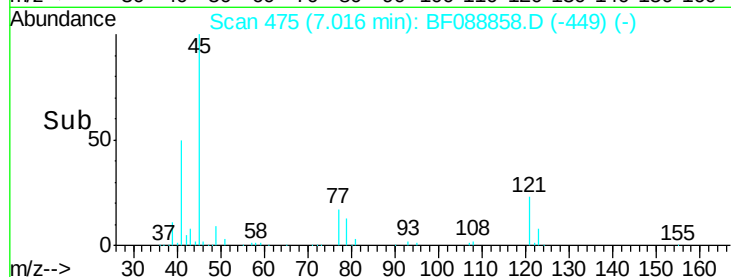
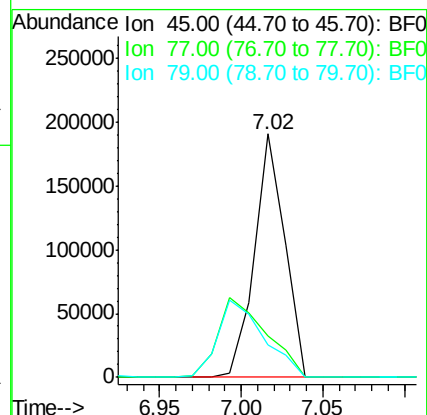
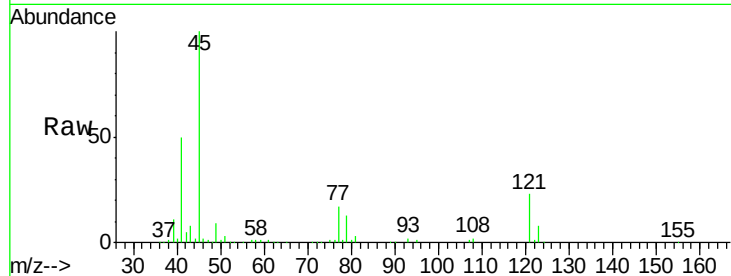




#16
2,2'-oxybis(1-Chloropropane)
Concen: 26.58 ng
RT: 7.02 min Scan# 475
Delta R.T. 0.00 min
Lab File: BF088858.D
Acq: 9 Jul 2016 7:33

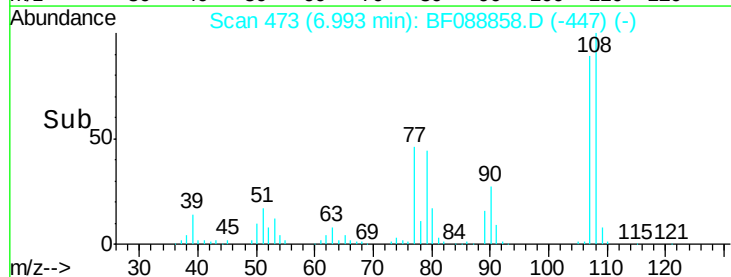
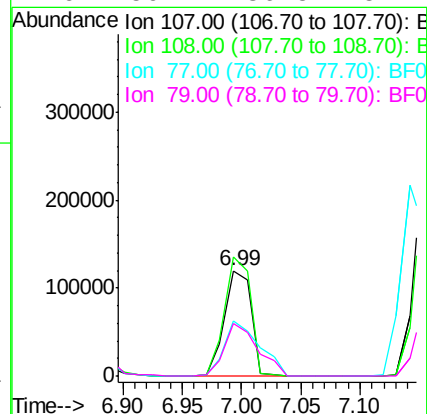
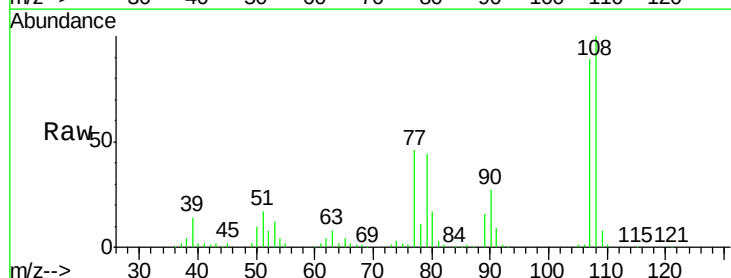
Instrument :
BNA_F
ClientSampleId :
PB91940BS

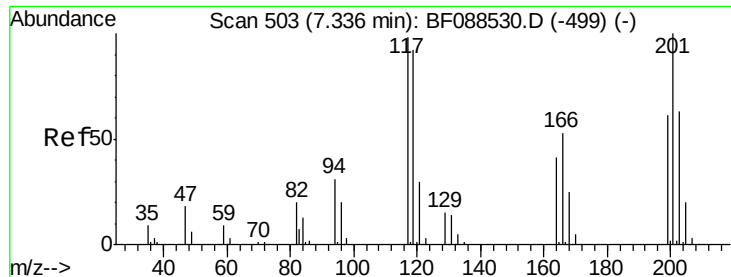
Tgt Ion: 45 Resp: 244866
Ion Ratio Lower Upper
45 100
77 17.1 0.0 32.5
79 13.1 0.0 29.5



#17
2-Methylphenol
Concen: 36.80 ng
RT: 6.99 min Scan# 473
Delta R.T. 0.00 min
Lab File: BF088858.D
Acq: 9 Jul 2016 7:33

Tgt Ion: 107 Resp: 186601
Ion Ratio Lower Upper
107 100
108 113.0 90.9 136.3
77 51.9 36.6 55.0
79 50.2 36.5 54.7

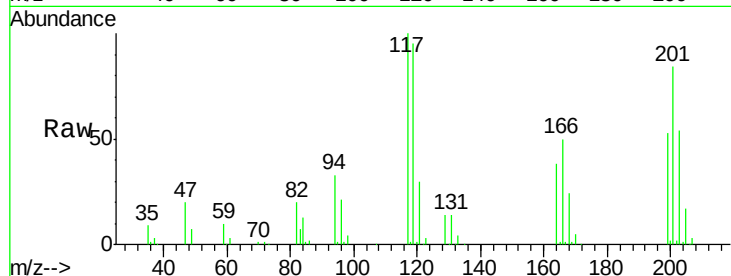




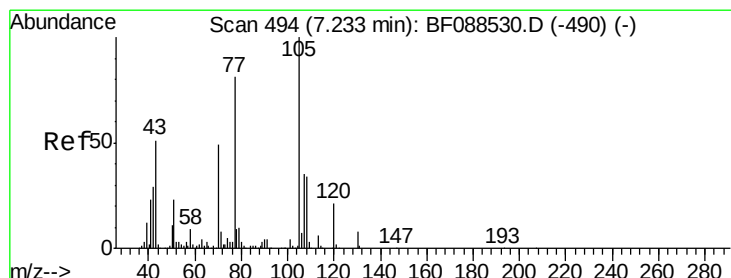
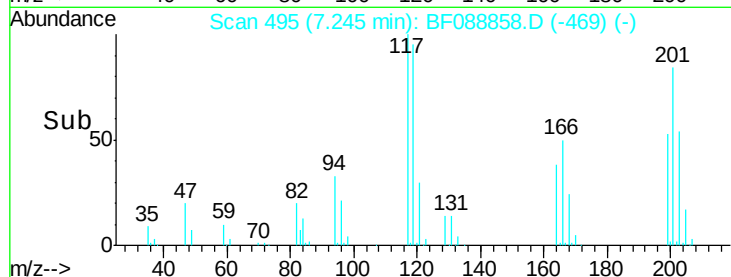
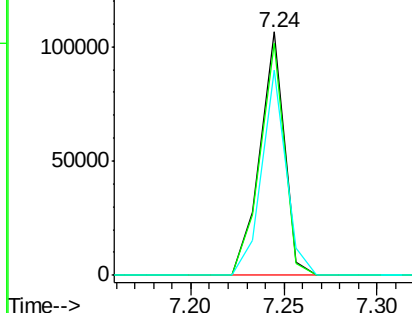
#18
Hexachloroethane
Concen: 36.55 ng
RT: 7.24 min Scan# 495
Delta R.T. 0.00 min
Lab File: BF088858.D
Acq: 9 Jul 2016 7:33

Instrument :
BNA_F
ClientSampleId :
PB91940BS

Tgt Ion: 117 Resp: 96001
Ion Ratio Lower Upper
117 100
119 95.2 77.4 116.2
201 84.2 80.4 120.6

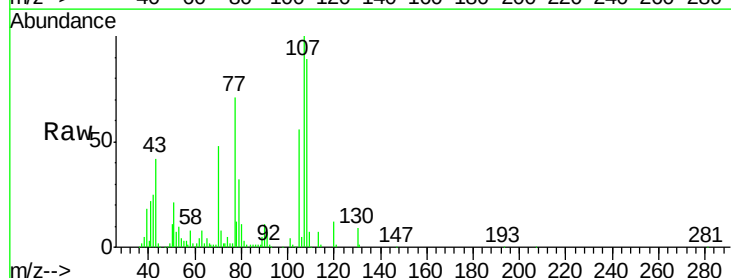


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

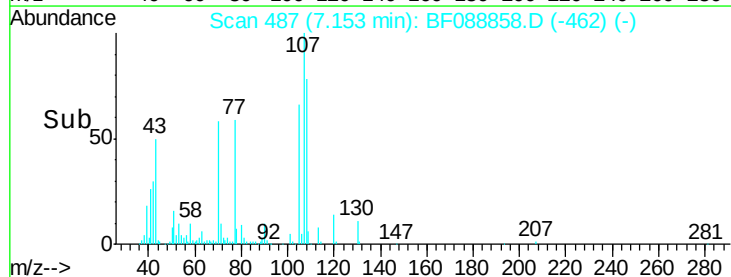
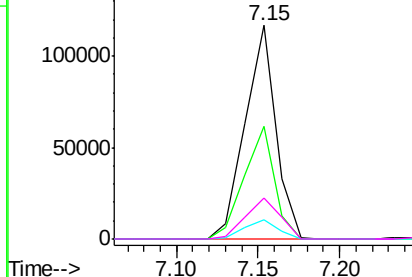


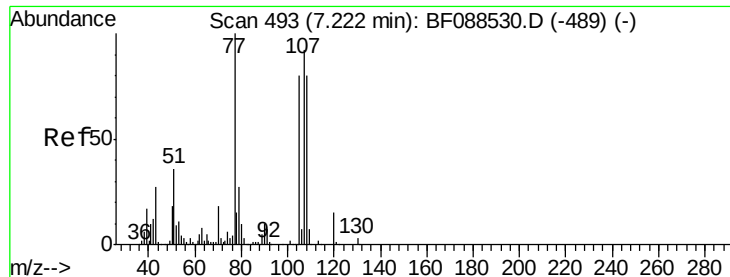
#19
n-Nitroso-di-n-propylamine
Concen: 30.26 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.01 min
Lab File: BF088858.D
Acq: 9 Jul 2016 7:33

Tgt Ion: 70 Resp: 151900
Ion Ratio Lower Upper
70 100
42 52.8 49.6 74.4
101 9.3 7.1 10.7
130 19.1 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: 38.48 ng

RT: 7.15 min Scan# 487

Delta R.T. 0.00 min

Lab File: BF088858.D

Acq: 9 Jul 2016 7:33

Instrument :

BNA_F

ClientSampleId :

PB91940BS

Tgt Ion:107 Resp: 234219

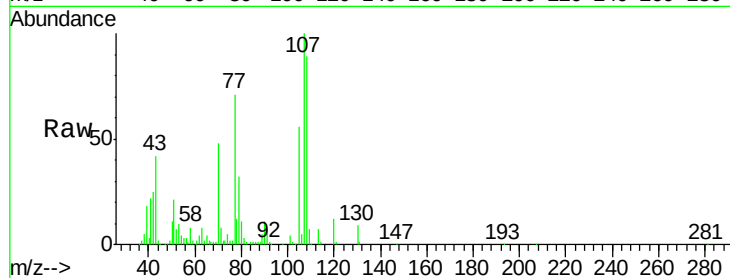
Ion Ratio Lower Upper

107 100

108 88.7 67.8 107.8

77 70.7 59.3 99.3

79 31.9 7.0 47.0

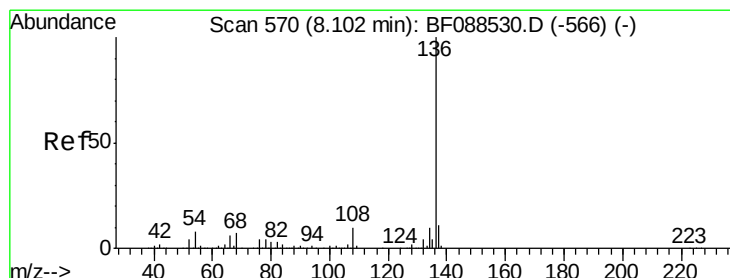
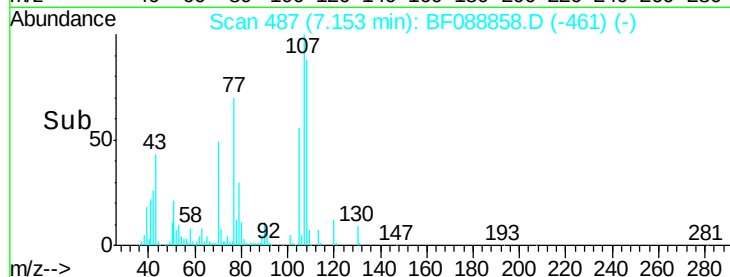
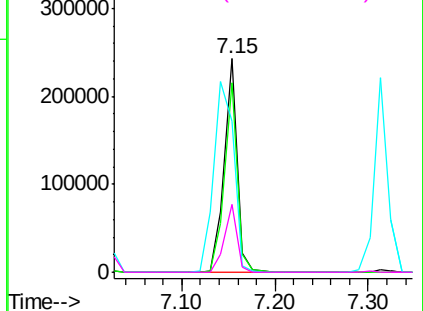


Abundance Ion 107.00 (106.70 to 107.70): E

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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 563

Delta R.T. 0.00 min

Lab File: BF088858.D

Acq: 9 Jul 2016 7:33

Tgt Ion:136 Resp: 350098

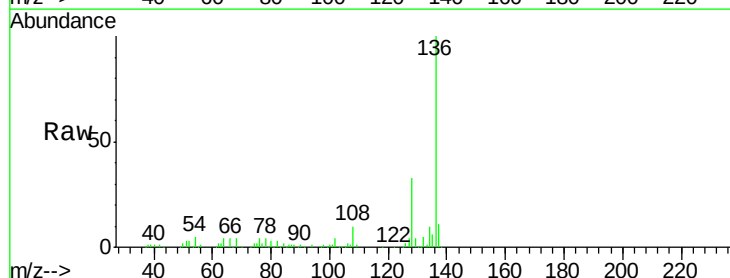
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 5.3 6.6 10.0#

68 4.5 5.1 7.7#

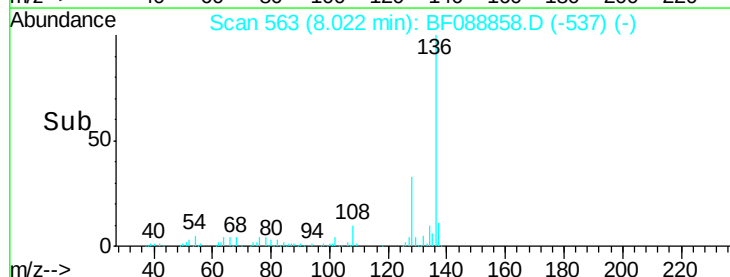
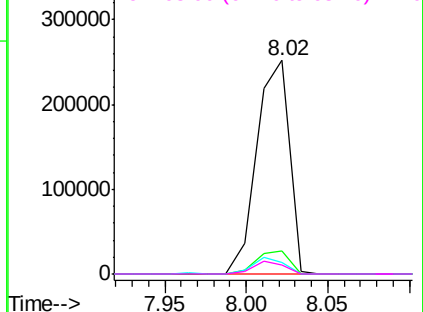


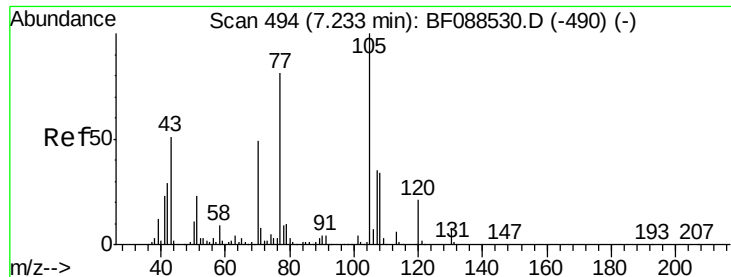
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#22

Acetophenone

Concen: 37.38 ng

RT: 7.14 min Scan# 486

Delta R.T. -0.01 min

Lab File: BF088858.D

Acq: 9 Jul 2016 7:33

Instrument :

BNA_F

ClientSampleId :

PB91940BS

Tgt Ion:105 Resp: 317658

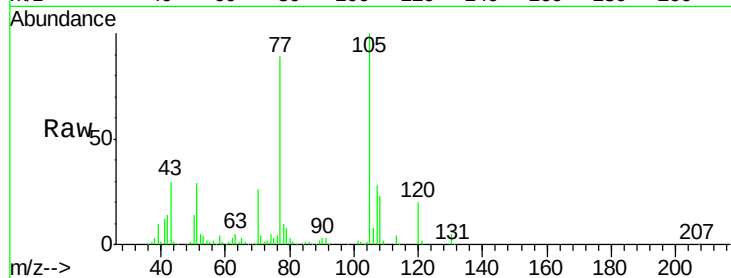
Ion Ratio Lower Upper

105 100

71 4.3 5.3 7.9#

51 28.8 18.2 27.4#

120 19.9 18.0 27.0

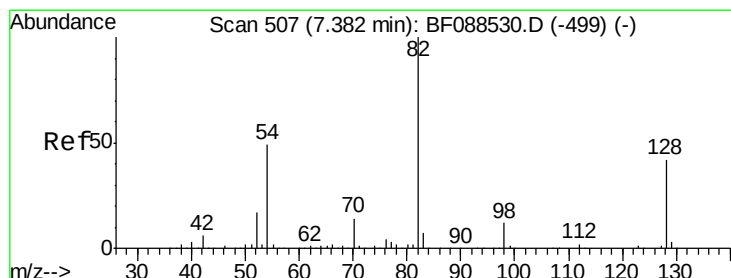
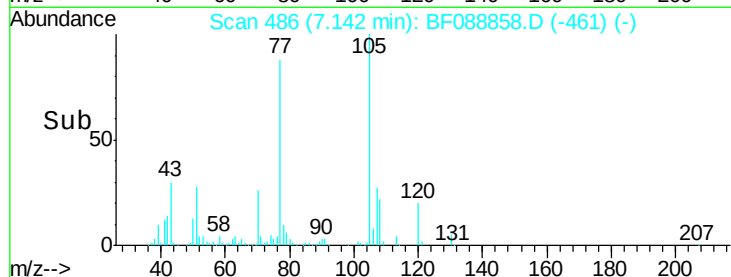
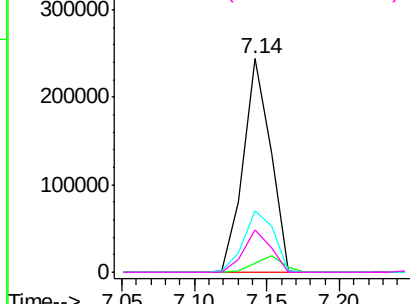


Abundance Ion 105.00 (104.70 to 105.70): E

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: 76.96 ng

RT: 7.30 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF088858.D

Acq: 9 Jul 2016 7:33

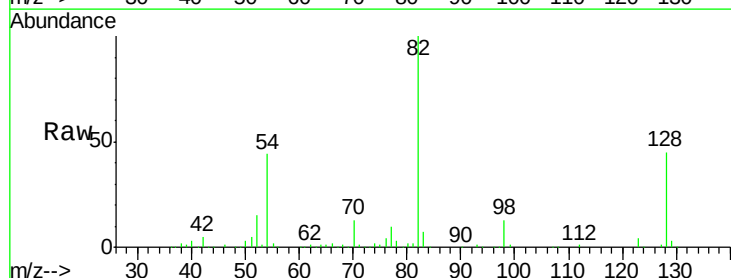
Tgt Ion: 82 Resp: 514177

Ion Ratio Lower Upper

82 100

128 45.3 35.9 53.9

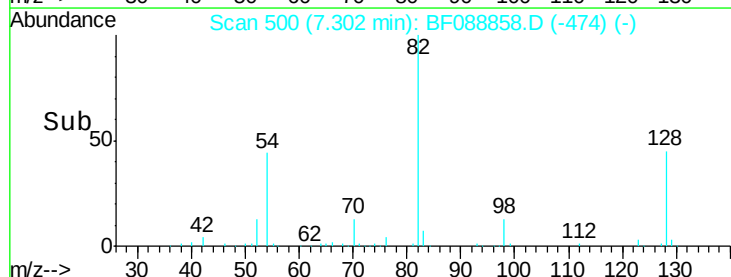
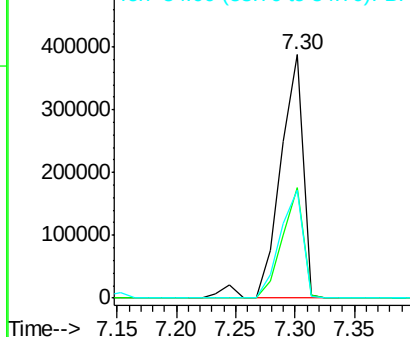
54 44.4 40.9 61.3

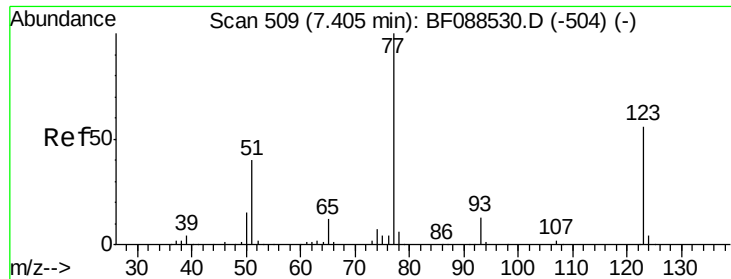


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 33.15 ng

RT: 7.31 min Scan# 501

Delta R.T. -0.01 min

Lab File: BF088858.D

Acq: 9 Jul 2016 7:33

Instrument :

BNA_F

ClientSampleId :

PB91940BS

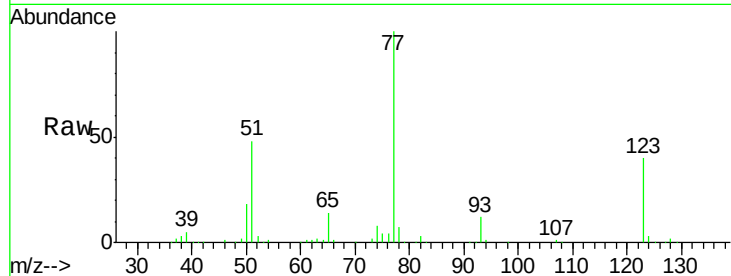
Tgt Ion: 77 Resp: 223277

Ion Ratio Lower Upper

77 100

123 40.3 45.0 67.4#

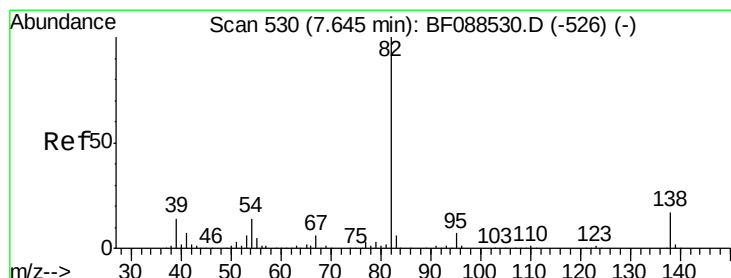
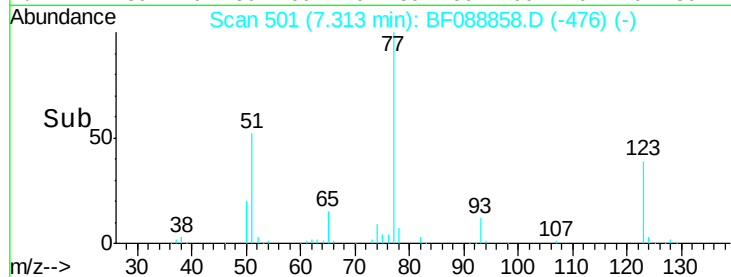
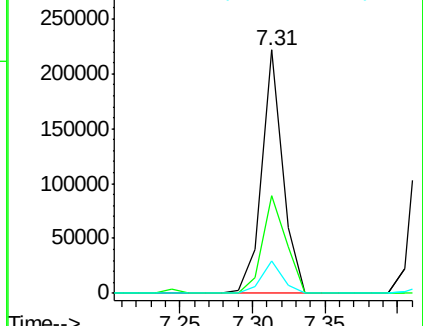
65 13.6 10.2 15.2



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: 36.40 ng

RT: 7.56 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF088858.D

Acq: 9 Jul 2016 7:33

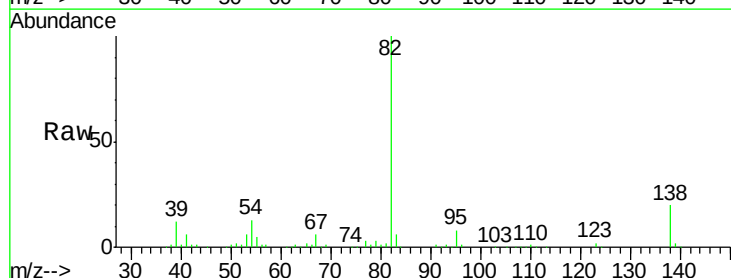
Tgt Ion: 82 Resp: 450413

Ion Ratio Lower Upper

82 100

95 7.5 5.4 8.2

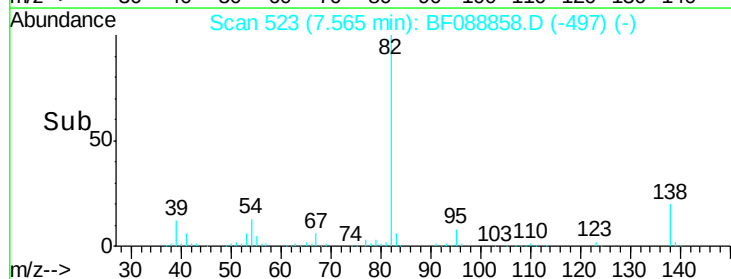
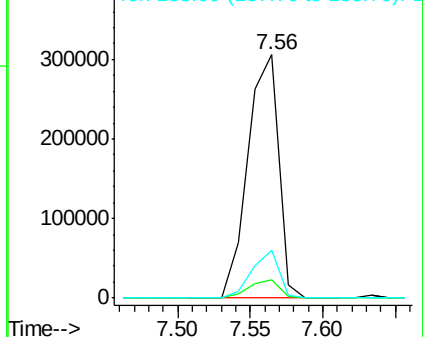
138 19.5 14.6 21.8

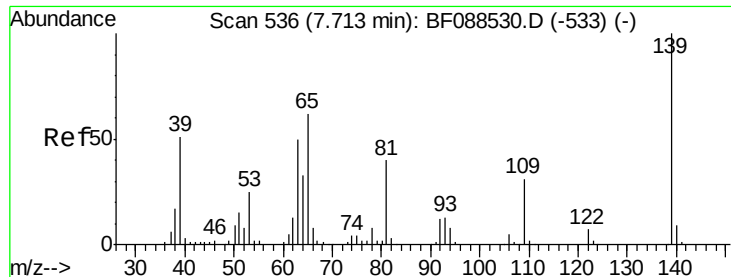


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

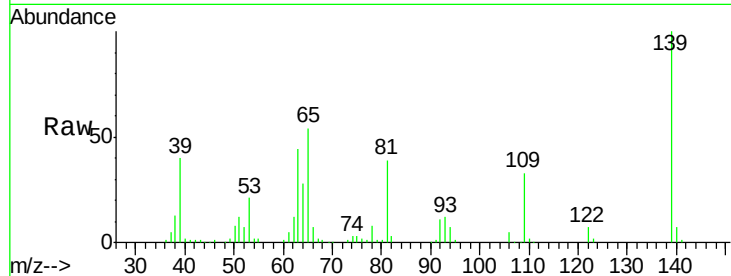




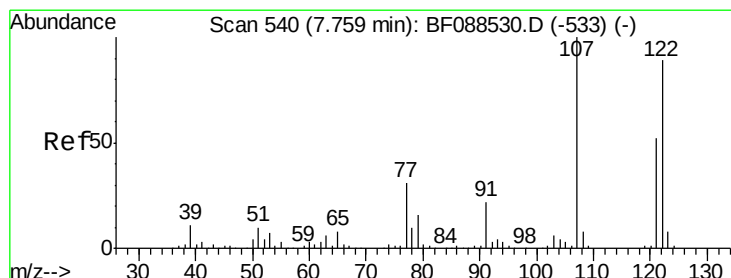
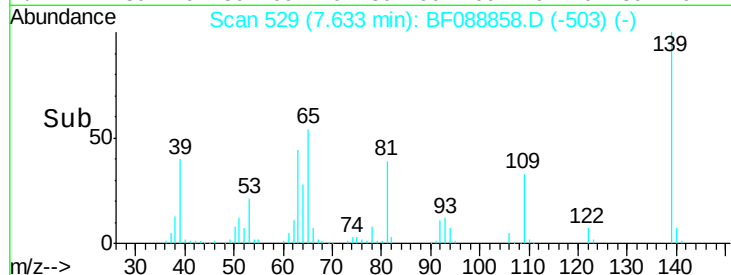
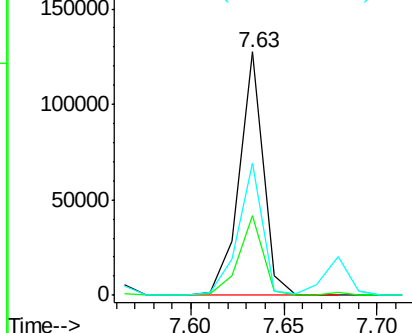
#26
2-Nitrophenol
Concen: 41.73 ng
RT: 7.63 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF088858.D
Acq: 9 Jul 2016 7:33

Instrument :
BNA_F
ClientSampleId :
PB91940BS

Tgt Ion:139 Resp: 115264
Ion Ratio Lower Upper
139 100
109 32.8 23.0 34.4
65 54.2 45.8 68.8

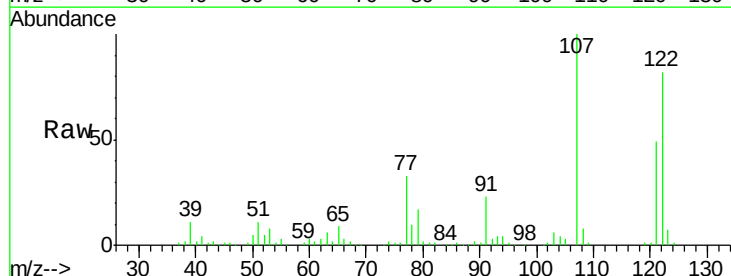


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

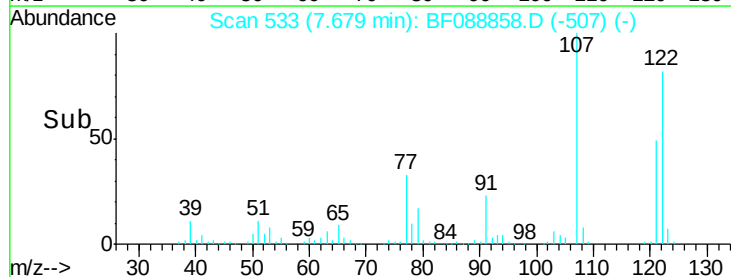
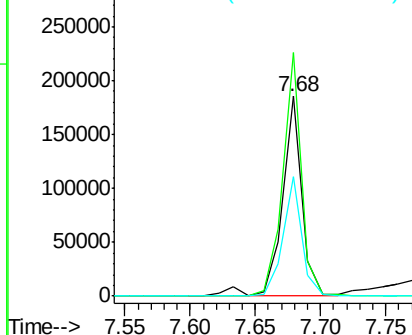


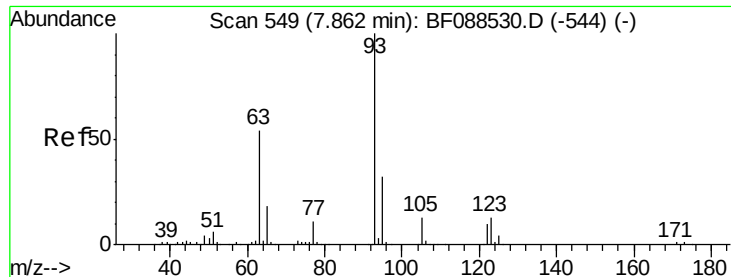
#27
2,4-Dimethylphenol
Concen: 34.15 ng
RT: 7.68 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF088858.D
Acq: 9 Jul 2016 7:33

Tgt Ion:122 Resp: 196491
Ion Ratio Lower Upper
122 100
107 122.0 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: 34.16 ng

RT: 7.77 min Scan# 541

Delta R.T. -0.01 min

Lab File: BF088858.D

Acq: 9 Jul 2016 7:33

Instrument :

BNA_F

ClientSampleId :

PB91940BS

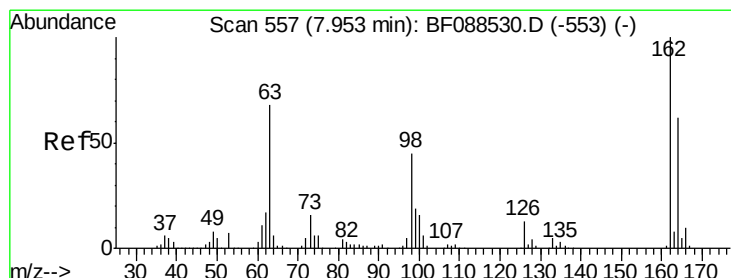
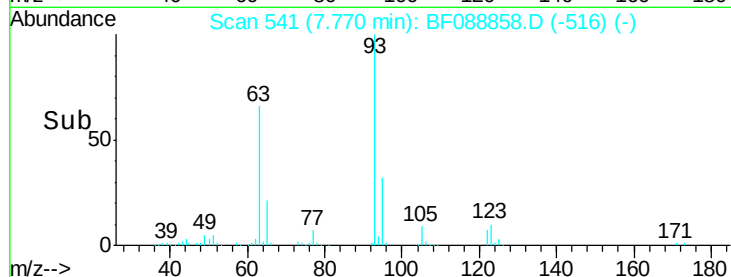
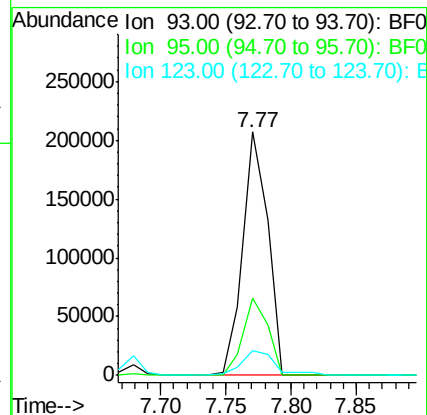
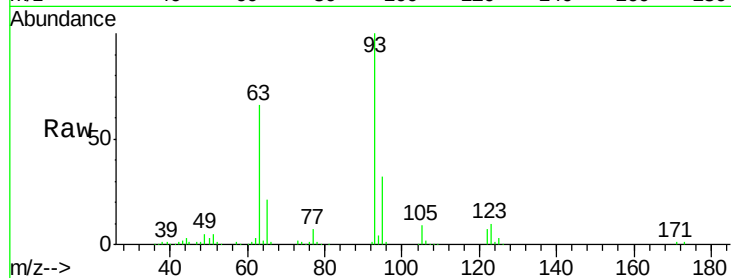
Tgt Ion: 93 Resp: 275111

Ion Ratio Lower Upper

93 100

95 31.8 26.5 39.7

123 10.3 11.6 17.4#



#29

2,4-Dichlorophenol

Concen: 38.20 ng

RT: 7.87 min Scan# 550

Delta R.T. -0.01 min

Lab File: BF088858.D

Acq: 9 Jul 2016 7:33

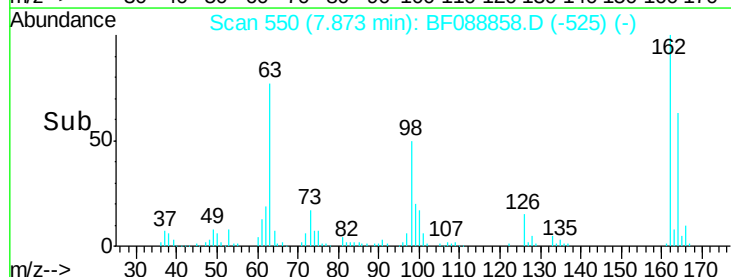
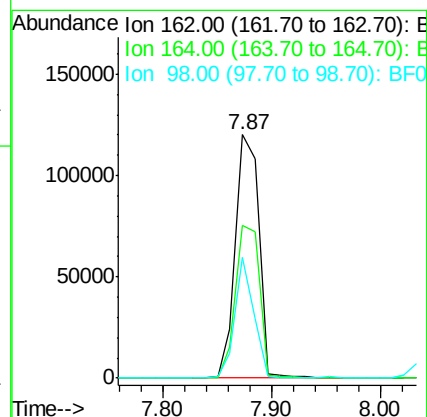
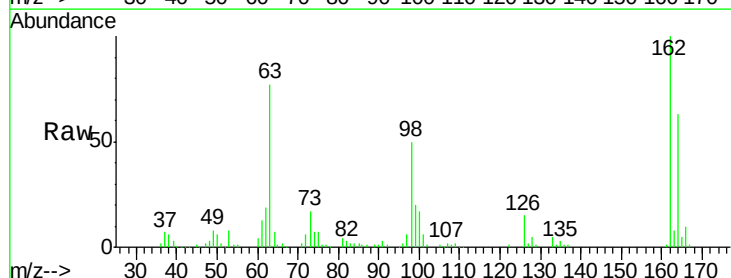
Tgt Ion: 162 Resp: 177590

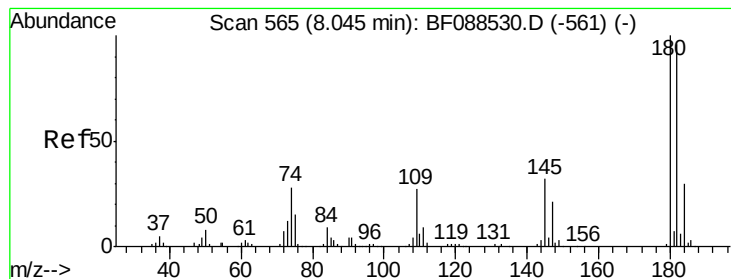
Ion Ratio Lower Upper

162 100

164 62.9 43.8 83.8

98 49.6 21.3 61.3





#30

1,2,4-Trichlorobenzene

Concen: 39.53 ng

RT: 7.96 min Scan# 558

Delta R.T. 0.00 min

Lab File: BF088858.D

Acq: 9 Jul 2016 7:33

Instrument :

BNA_F

ClientSampleId :

PB91940BS

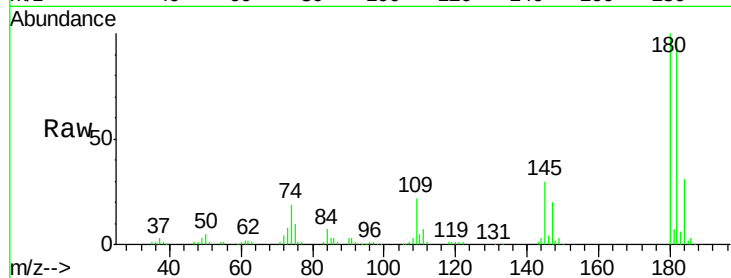
Tgt Ion:180 Resp: 201673

Ion Ratio Lower Upper

180 100

182 96.9 76.0 114.0

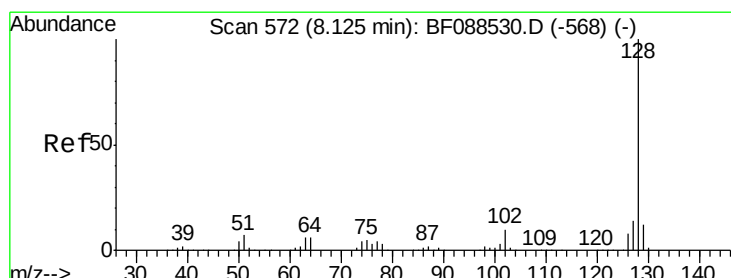
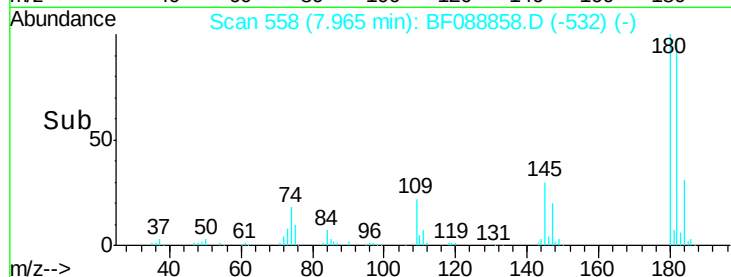
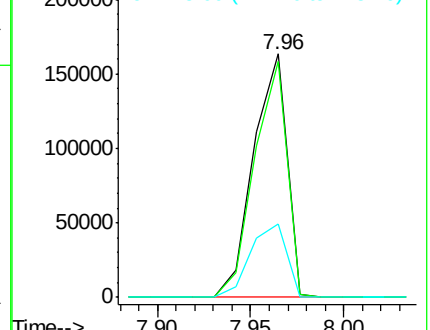
145 30.2 26.5 39.7



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: 37.17 ng

RT: 8.03 min Scan# 564

Delta R.T. -0.01 min

Lab File: BF088858.D

Acq: 9 Jul 2016 7:33

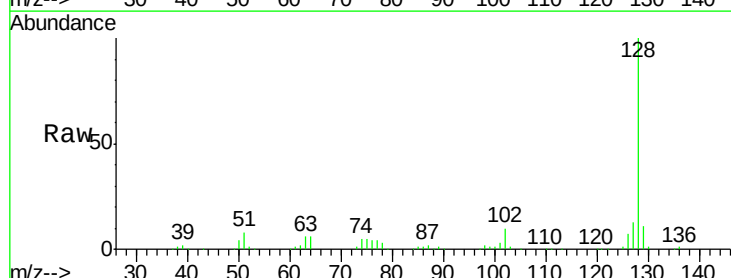
Tgt Ion:128 Resp: 641499

Ion Ratio Lower Upper

128 100

129 11.4 9.4 14.2

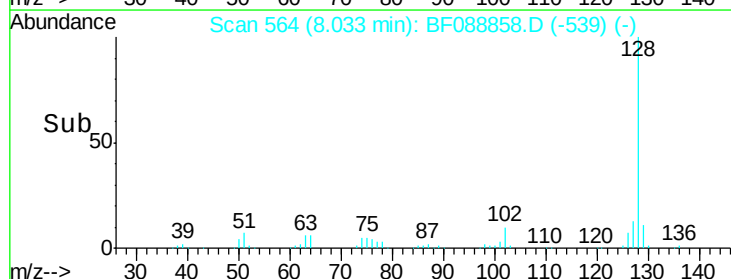
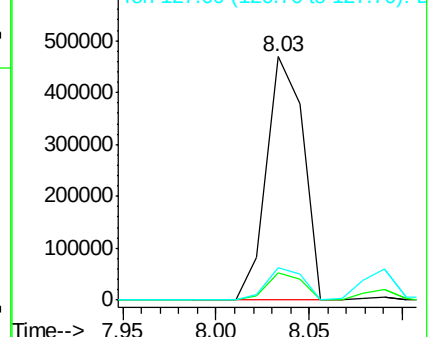
127 13.3 10.9 16.3

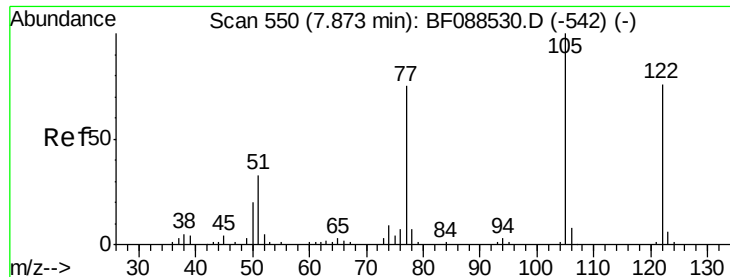


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

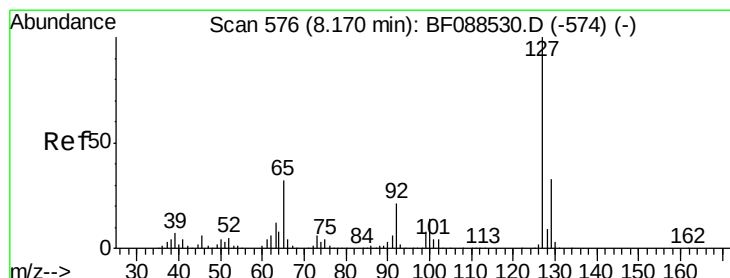
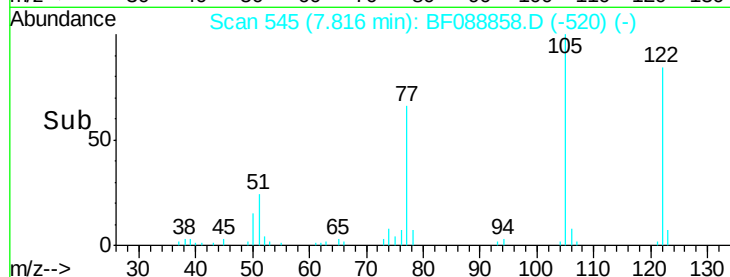
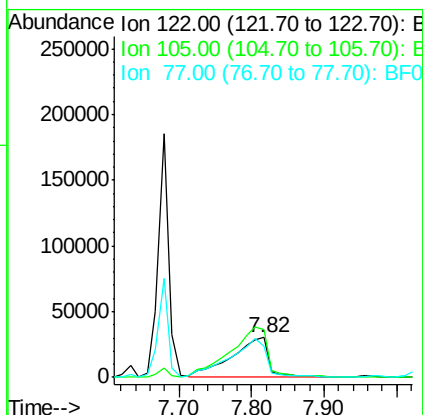
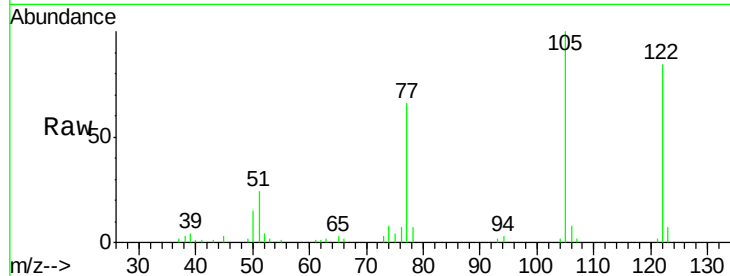




#32
Benzoic acid
Concen: 25.68 ng
RT: 7.82 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF088858.D
Acq: 9 Jul 2016 7:33

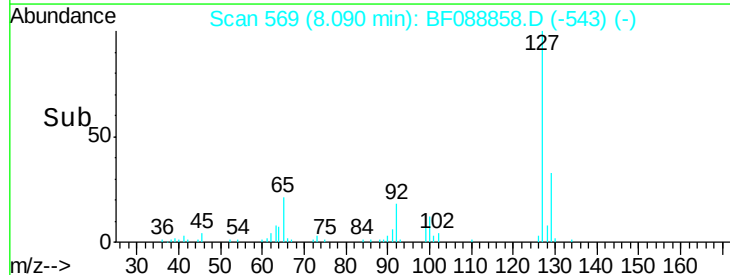
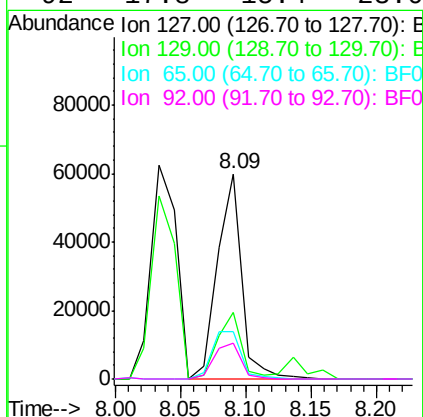
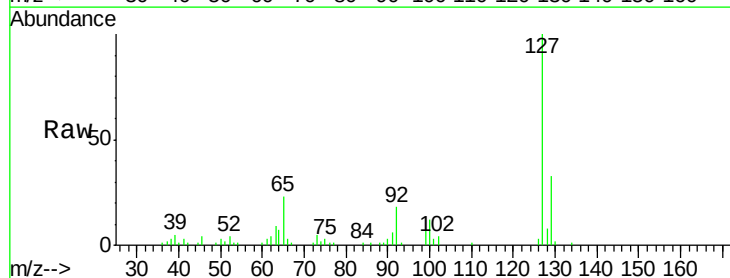
Instrument :
BNA_F
ClientSampleId :
PB91940BS

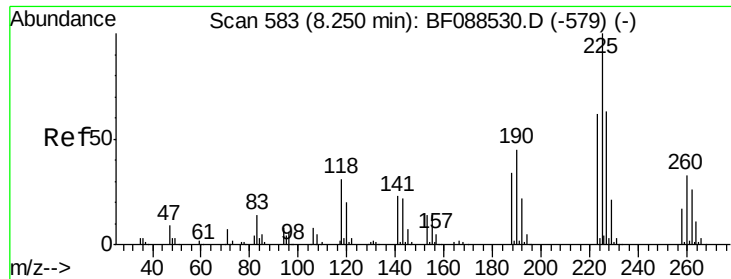
Tgt Ion:122 Resp: 107252
Ion Ratio Lower Upper
122 100
105 118.5 101.6 141.6
77 78.2 70.6 110.6



#33
4-Chloroaniline
Concen: 10.13 ng
RT: 8.09 min Scan# 569
Delta R.T. 0.00 min
Lab File: BF088858.D
Acq: 9 Jul 2016 7:33

Tgt Ion:127 Resp: 77773
Ion Ratio Lower Upper
127 100
129 32.7 26.3 39.5
65 23.3 24.7 37.1#
92 17.8 15.4 23.0

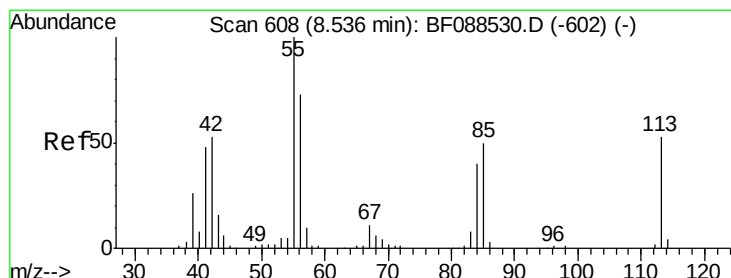
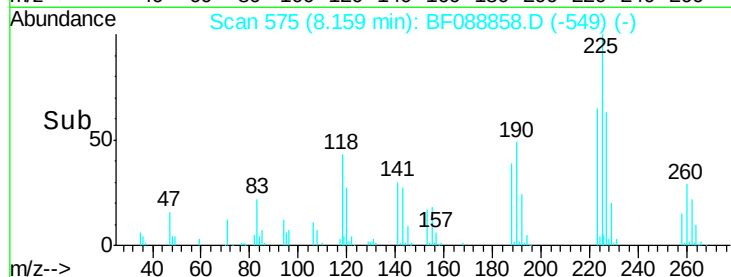
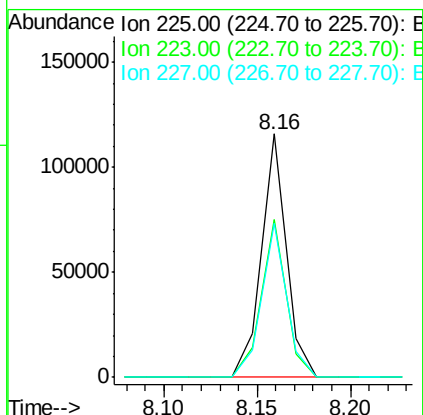
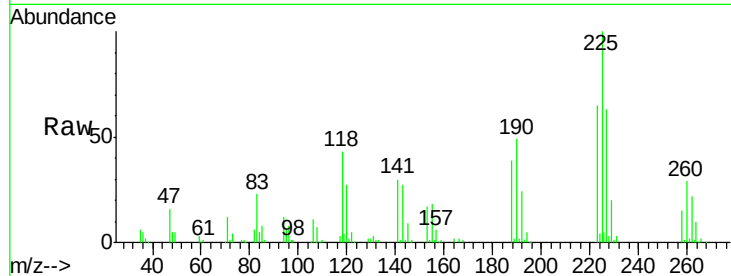




#34
Hexachlorobutadiene
Concen: 39.03 ng
RT: 8.16 min Scan# 575
Delta R.T. 0.00 min
Lab File: BF088858.D
Acq: 9 Jul 2016 7:33

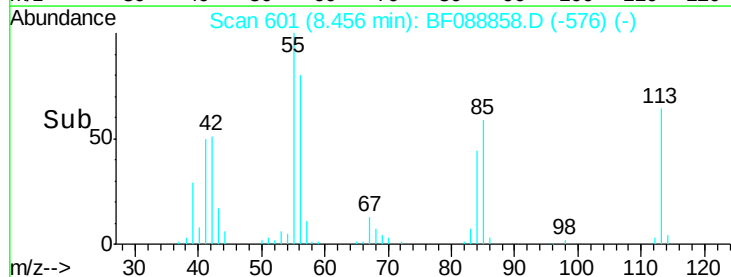
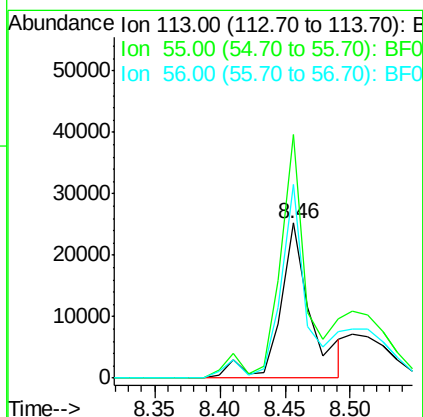
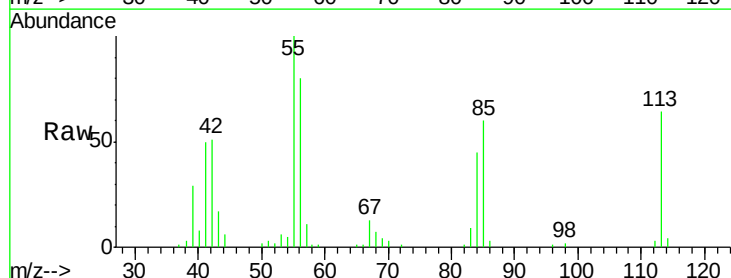
Instrument :
BNA_F
ClientSampleId :
PB91940BS

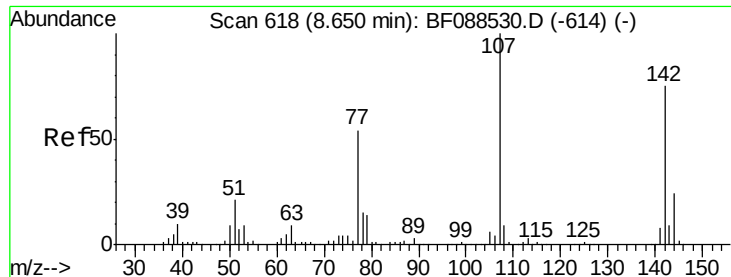
Tgt Ion:225 Resp: 106622
Ion Ratio Lower Upper
225 100
223 64.6 50.9 76.3
227 63.2 51.9 77.9



#35
Caprolactam
Concen: 26.22 ng
RT: 8.46 min Scan# 601
Delta R.T. -0.01 min
Lab File: BF088858.D
Acq: 9 Jul 2016 7:33

Tgt Ion:113 Resp: 41408
Ion Ratio Lower Upper
113 100
55 156.8 158.6 198.6#
56 125.1 110.6 150.6

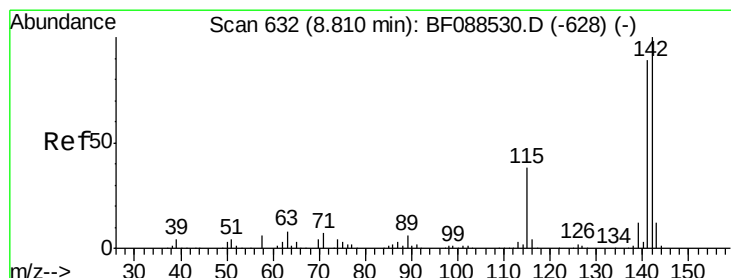
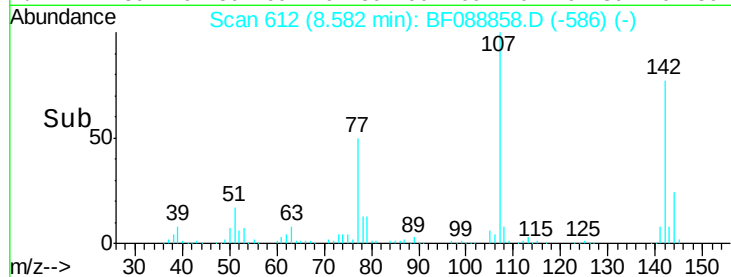
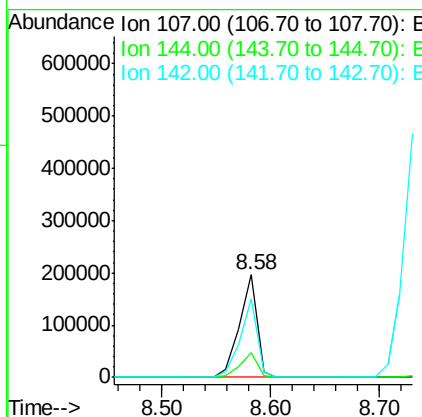
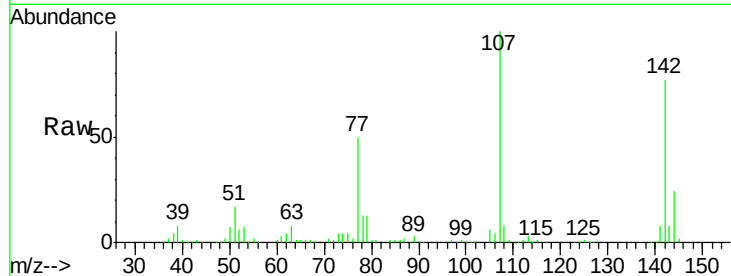




#36
 4-Chloro-3-methylphenol
 Concen: 39.79 ng
 RT: 8.58 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF088858.D
 Acq: 9 Jul 2016 7:33

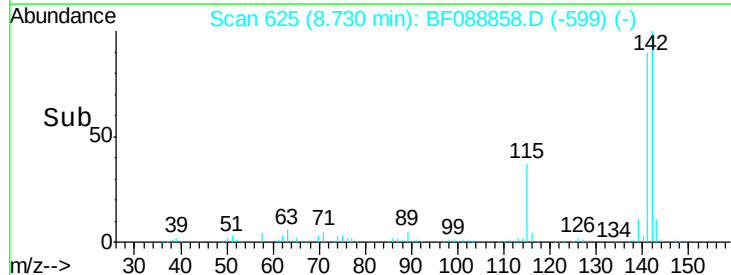
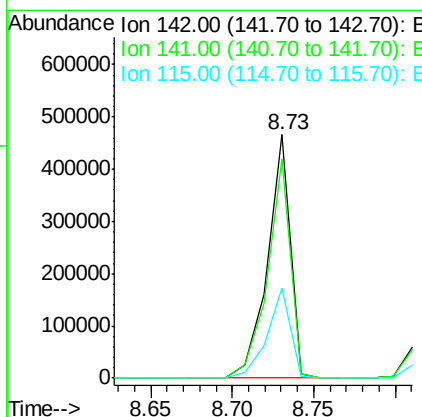
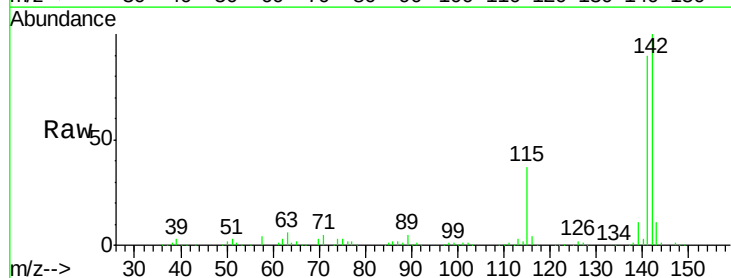
Instrument :
 BNA_F
 ClientSampleID :
 PB91940BS

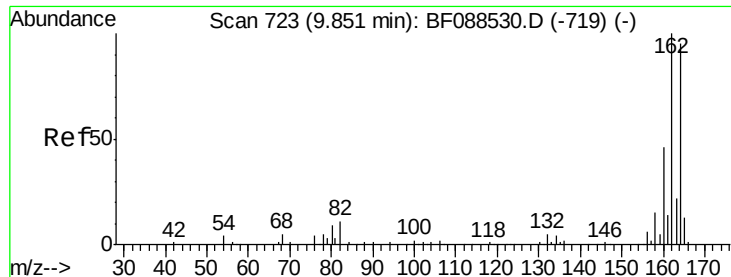
Tgt Ion:107 Resp: 218790
 Ion Ratio Lower Upper
 107 100
 144 24.4 20.8 31.2
 142 76.7 63.4 95.2



#37
 2-Methylnaphthalene
 Concen: 40.83 ng
 RT: 8.73 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF088858.D
 Acq: 9 Jul 2016 7:33

Tgt Ion:142 Resp: 453791
 Ion Ratio Lower Upper
 142 100
 141 90.2 71.0 106.6
 115 37.0 22.6 33.8#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.77 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF088858.D

Acq: 9 Jul 2016 7:33

Instrument :

BNA_F

ClientSampleId :

PB91940BS

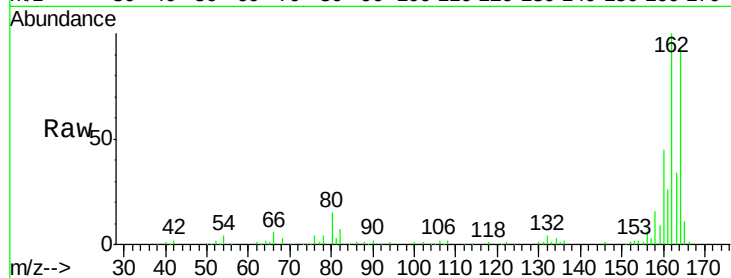
Tgt Ion:164 Resp: 165908

Ion Ratio Lower Upper

164 100

162 107.5 85.4 128.2

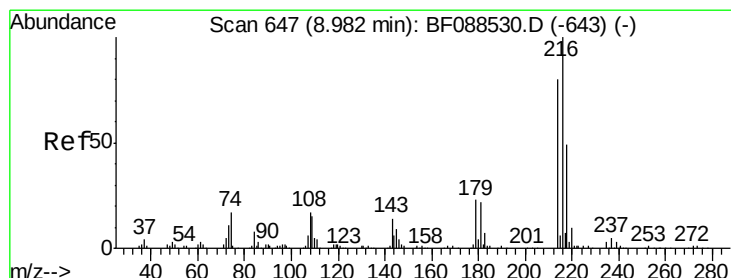
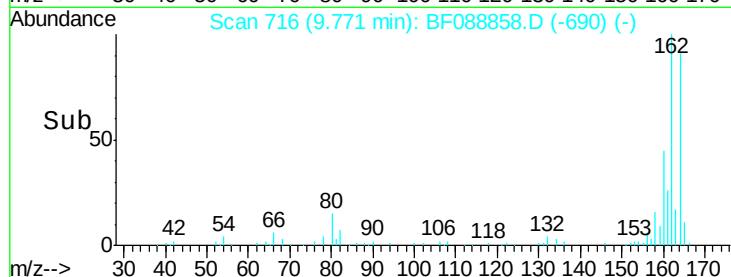
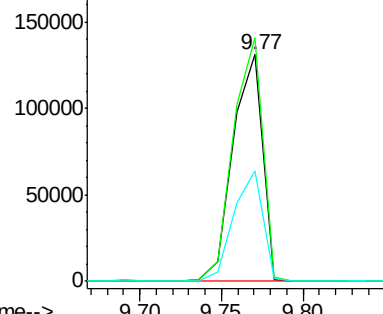
160 48.9 39.5 59.3



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: 32.68 ng

RT: 8.90 min Scan# 640

Delta R.T. 0.00 min

Lab File: BF088858.D

Acq: 9 Jul 2016 7:33

Tgt Ion:216 Resp: 180341

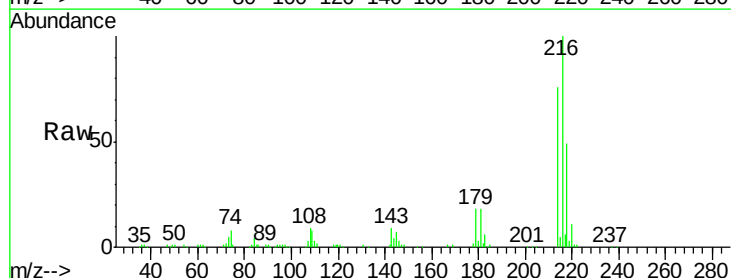
Ion Ratio Lower Upper

216 100

214 77.6 2.9 4.3#

179 22.1 0.0 0.0#

108 21.2 0.5 0.7#

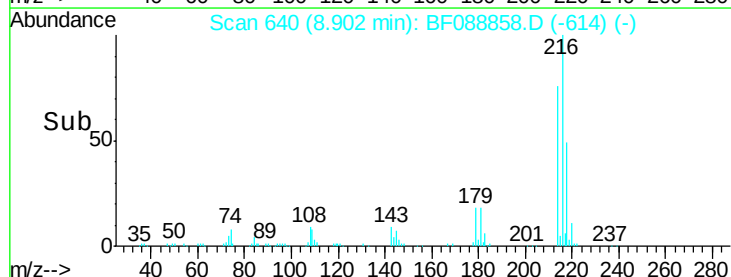
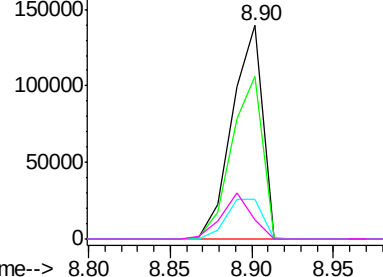


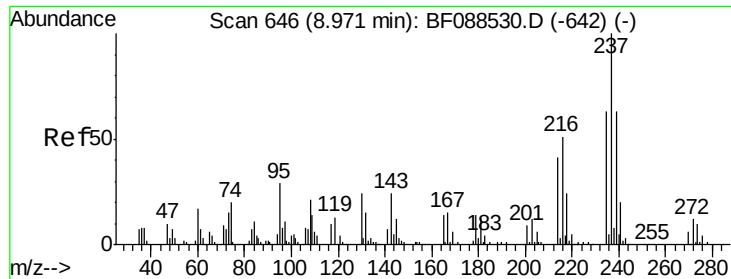
Abundance Ion 216.00 (215.70 to 216.70): E

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: 69.41 ng

RT: 8.89 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF088858.D

Acq: 9 Jul 2016 7:33

Instrument :

BNA_F

ClientSampleId :

PB91940BS

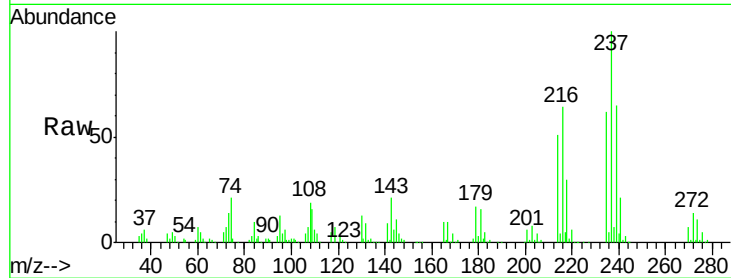
Tgt Ion:237 Resp: 188002

Ion Ratio Lower Upper

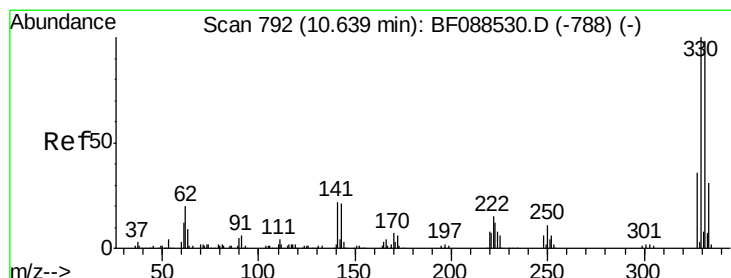
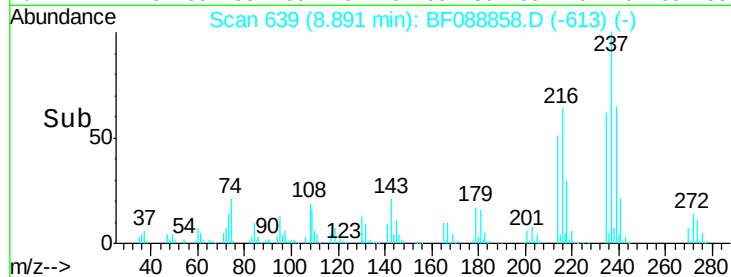
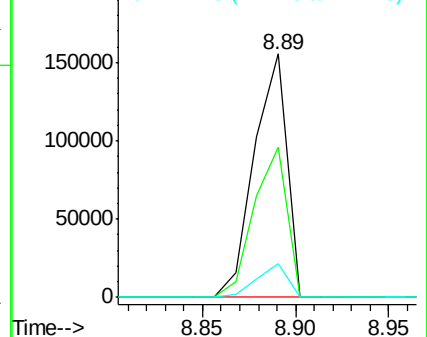
237 100

235 61.9 43.4 83.4

272 13.9 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: 124.84 ng

RT: 10.56 min Scan# 785

Delta R.T. 0.00 min

Lab File: BF088858.D

Acq: 9 Jul 2016 7:33

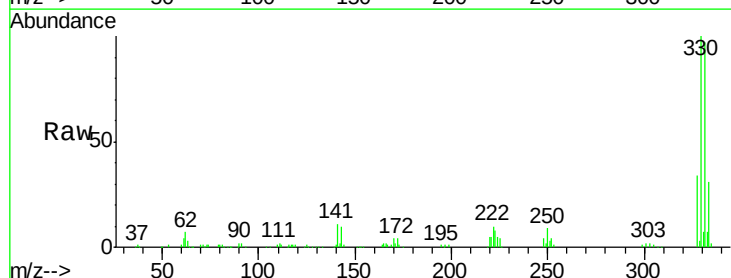
Tgt Ion:330 Resp: 192336

Ion Ratio Lower Upper

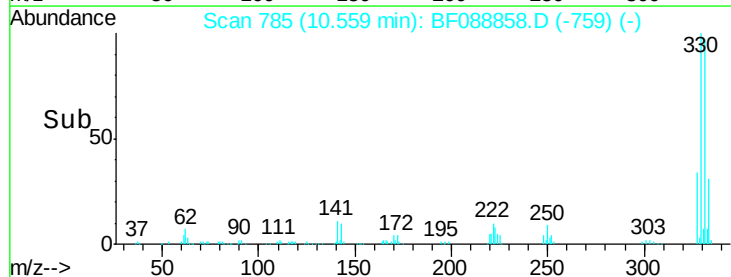
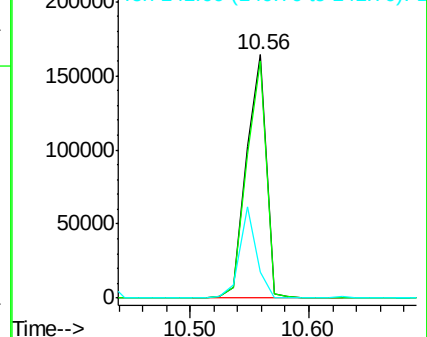
330 100

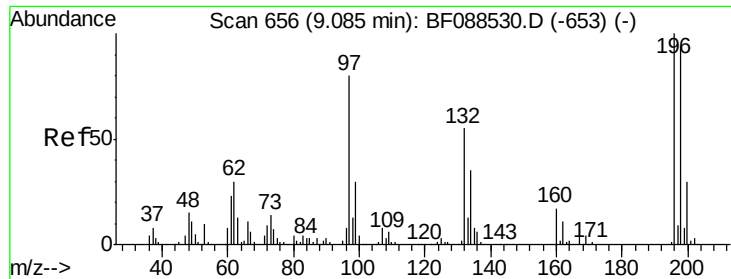
332 96.5 0.0 0.0#

141 32.0 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

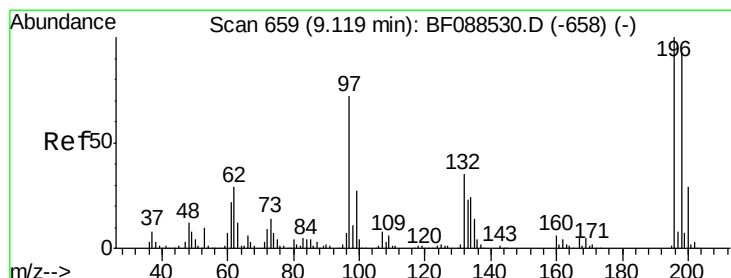
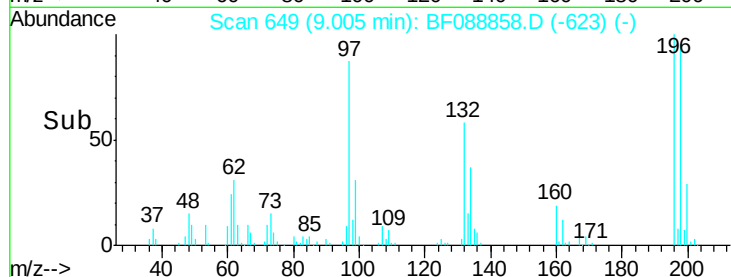
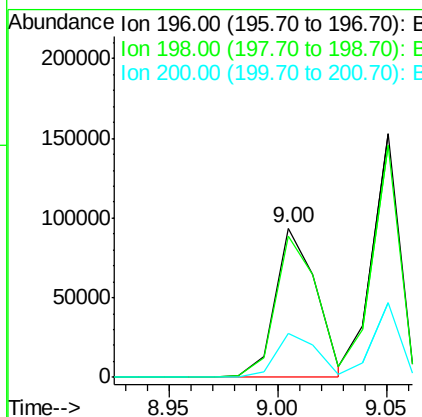
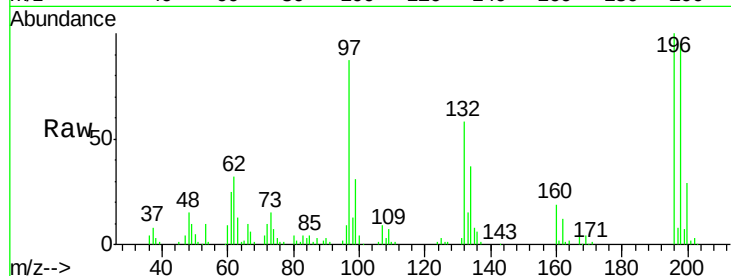




#42
2,4,6-Trichlorophenol
Concen: 33.77 ng
RT: 9.00 min Scan# 649
Delta R.T. 0.00 min
Lab File: BF088858.D
Acq: 9 Jul 2016 7:33

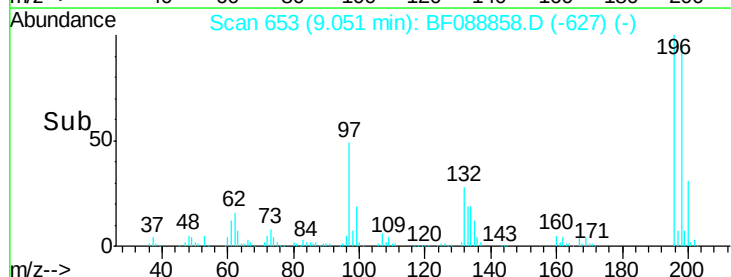
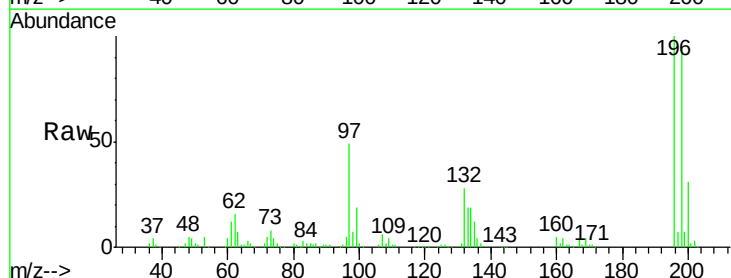
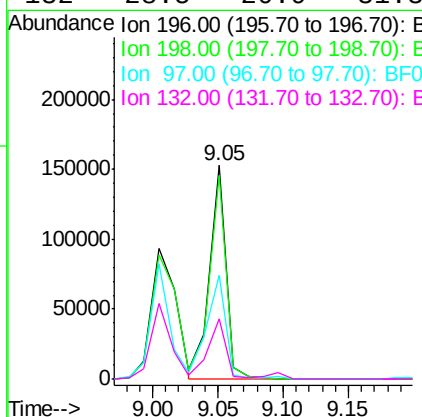
Instrument :
BNA_F
ClientSampleId :
PB91940BS

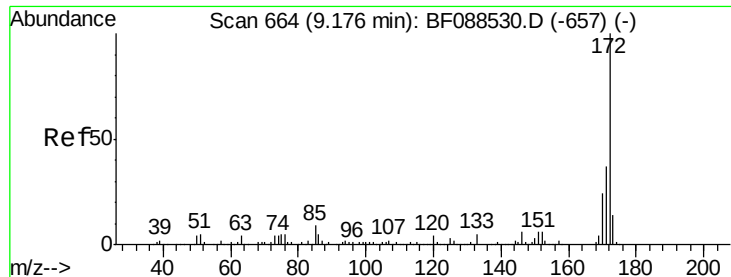
Tgt Ion:196 Resp: 122857
Ion Ratio Lower Upper
196 100
198 94.8 78.0 117.0
200 29.4 25.4 38.2



#43
2,4,5-Trichlorophenol
Concen: 43.03 ng
RT: 9.05 min Scan# 653
Delta R.T. 0.00 min
Lab File: BF088858.D
Acq: 9 Jul 2016 7:33

Tgt Ion:196 Resp: 134694
Ion Ratio Lower Upper
196 100
198 95.4 77.5 116.3
97 48.6 32.0 48.0#
132 28.5 20.9 31.3





#44

2-Fluorobiphenyl

Concen: 81.27 ng

RT: 9.10 min Scan# 657

Delta R.T. 0.00 min

Lab File: BF088858.D

Acq: 9 Jul 2016 7:33

Instrument :

BNA_F

ClientSampleId :

PB91940BS

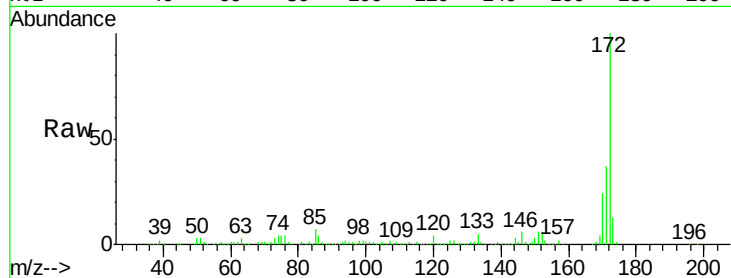
Tgt Ion:172 Resp: 853651

Ion Ratio Lower Upper

172 100

171 36.6 28.6 43.0

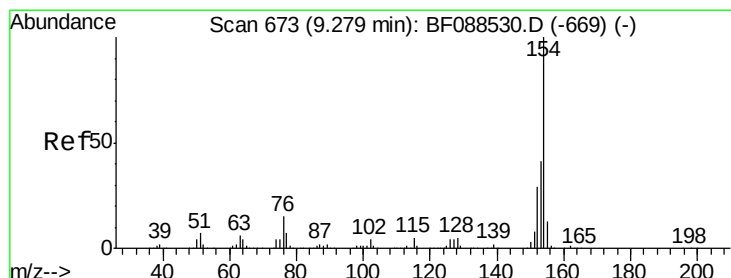
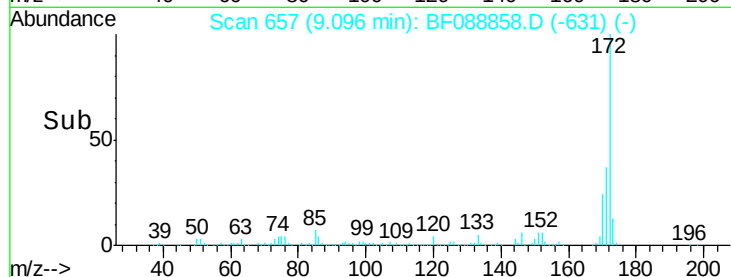
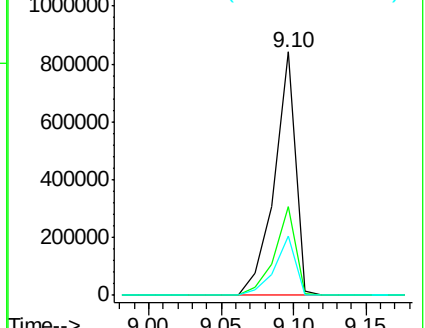
170 24.4 19.2 28.8



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: 35.54 ng

RT: 9.19 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF088858.D

Acq: 9 Jul 2016 7:33

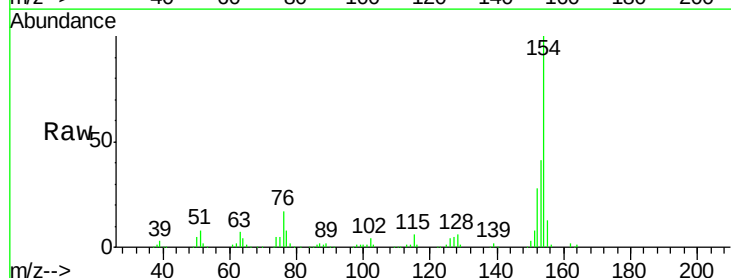
Tgt Ion:154 Resp: 488193

Ion Ratio Lower Upper

154 100

153 41.1 20.6 60.6

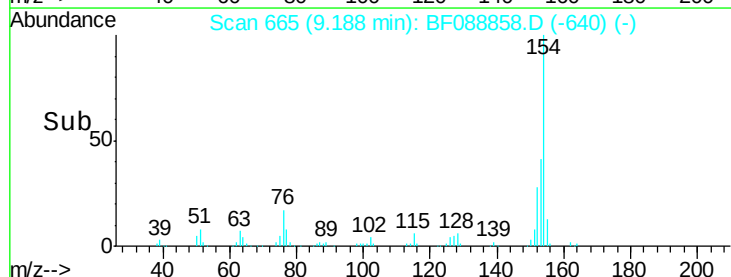
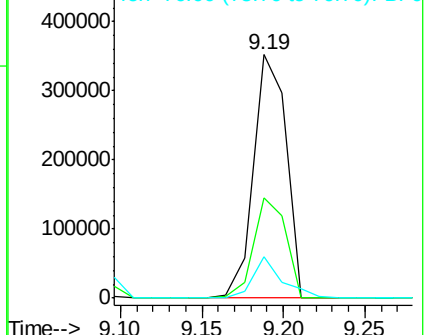
76 16.9 0.0 35.1

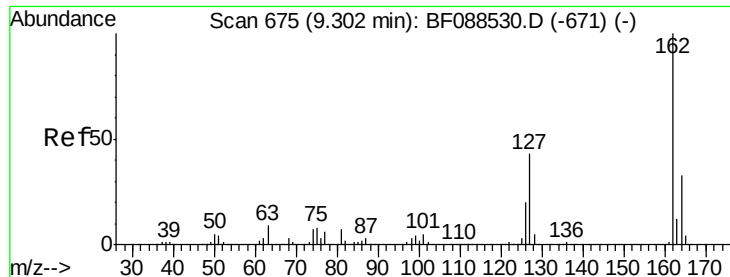


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

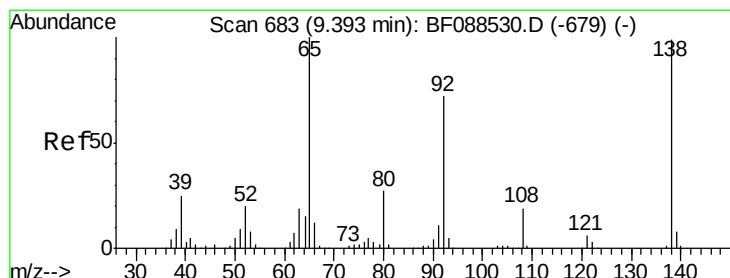
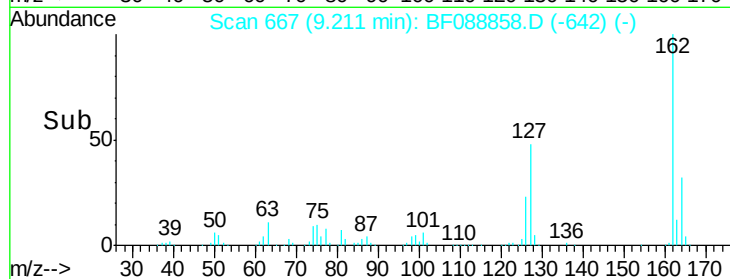
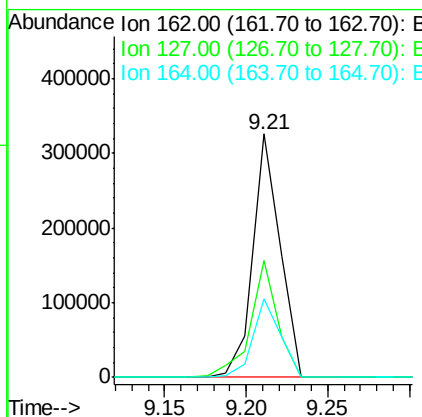
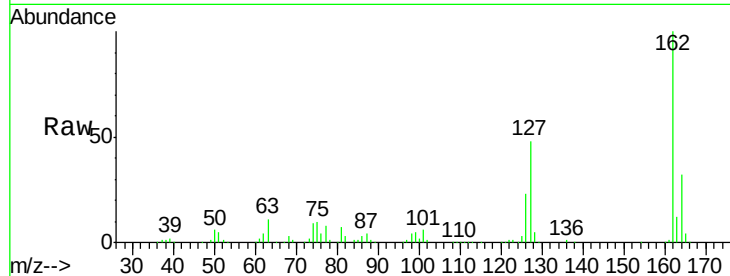




#46
 2-Chloronaphthalene
 Concen: 34.93 ng
 RT: 9.21 min Scan# 667
 Delta R.T. -0.01 min
 Lab File: BF088858.D
 Acq: 9 Jul 2016 7:33

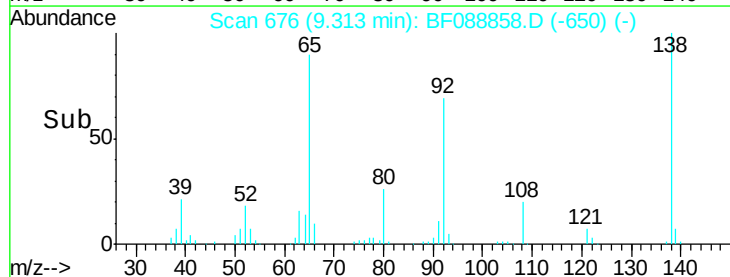
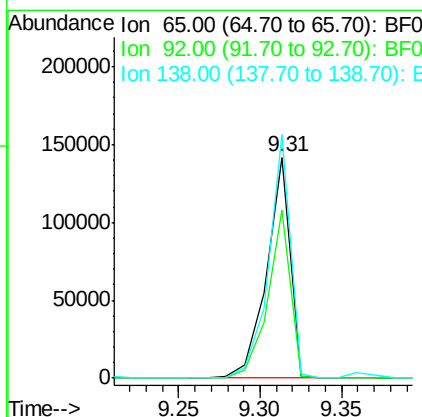
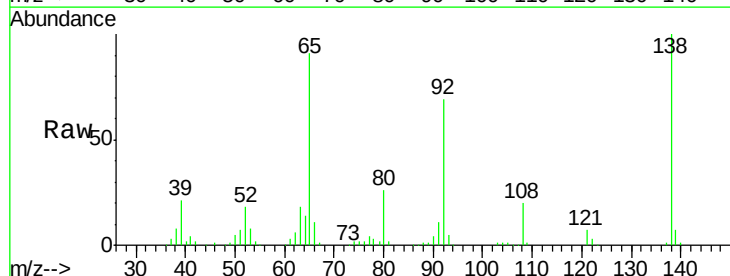
Instrument :
 BNA_F
 ClientSampleId :
 PB91940BS

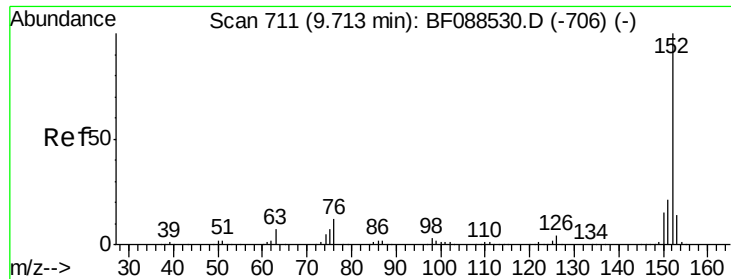
Tgt Ion: 162 Resp: 376694
 Ion Ratio Lower Upper
 162 100
 127 47.9 35.2 52.8
 164 32.4 26.6 39.8



#47
 2-Nitroaniline
 Concen: 36.99 ng
 RT: 9.31 min Scan# 676
 Delta R.T. 0.00 min
 Lab File: BF088858.D
 Acq: 9 Jul 2016 7:33

Tgt Ion: 65 Resp: 141572
 Ion Ratio Lower Upper
 65 100
 92 76.2 54.6 82.0
 138 110.3 77.0 115.4





#48

Acenaphthylene

Concen: 37.72 ng

RT: 9.63 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF088858.D

Acq: 9 Jul 2016 7:33

Instrument :

BNA_F

ClientSampleId :

PB91940BS

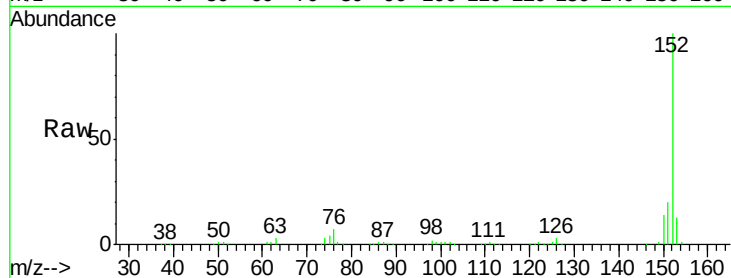
Tgt Ion:152 Resp: 647263

Ion Ratio Lower Upper

152 100

151 20.0 16.2 24.4

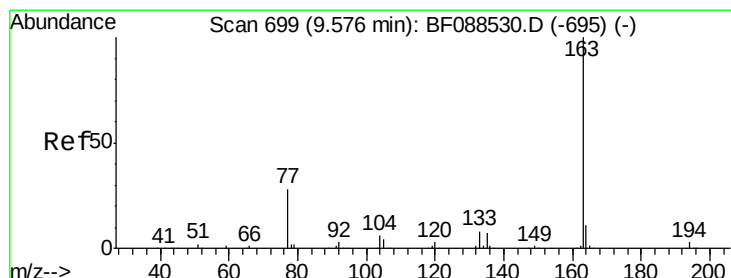
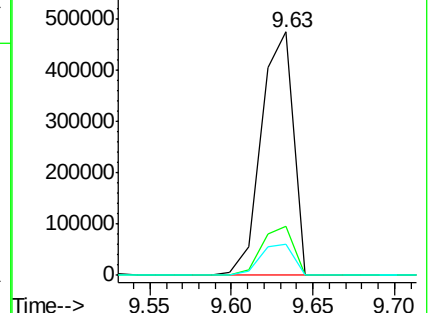
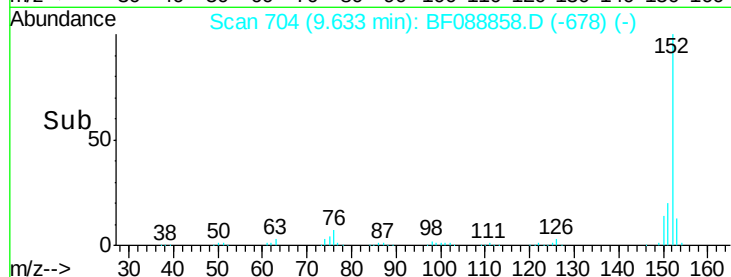
153 12.6 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 37.16 ng

RT: 9.50 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF088858.D

Acq: 9 Jul 2016 7:33

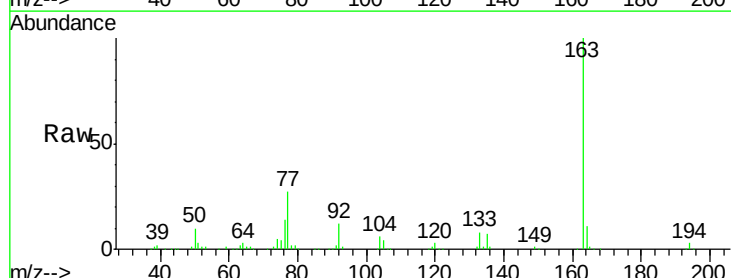
Tgt Ion:163 Resp: 439249

Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

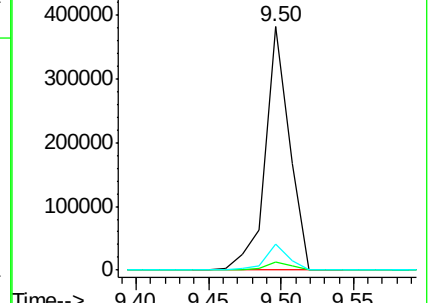
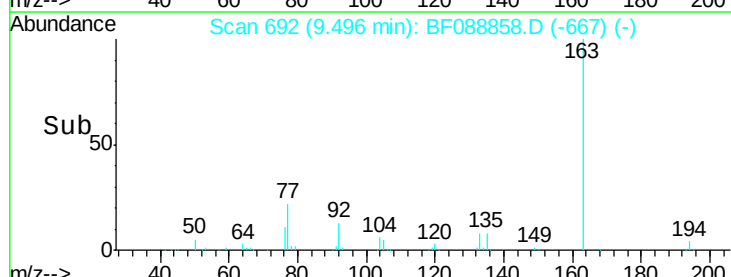
164 10.5 8.3 12.5

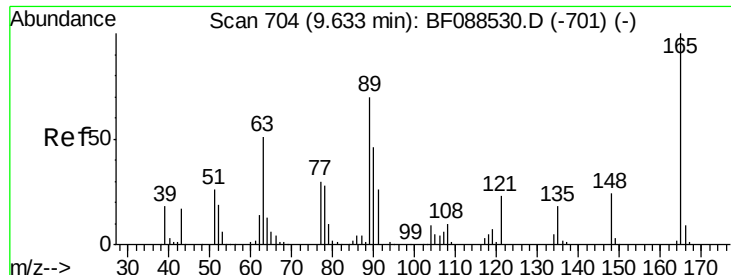


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

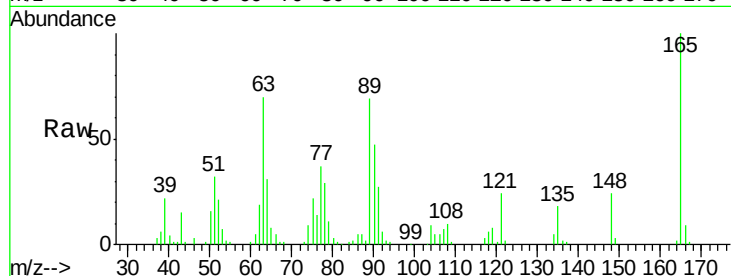




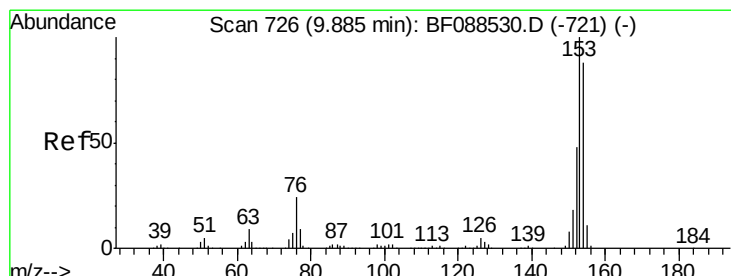
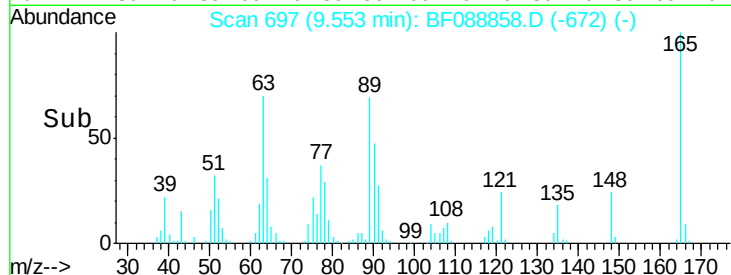
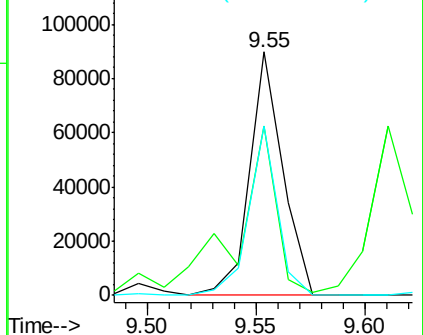
#50
2,6-Dinitrotoluene
Concen: 36.24 ng
RT: 9.55 min Scan# 697
Delta R.T. -0.01 min
Lab File: BF088858.D
Acq: 9 Jul 2016 7:33

Instrument :
BNA_F
ClientSampleId :
PB91940BS

Tgt Ion:165 Resp: 94930
Ion Ratio Lower Upper
165 100
63 69.5 28.1 42.1#
89 69.3 32.2 48.2#

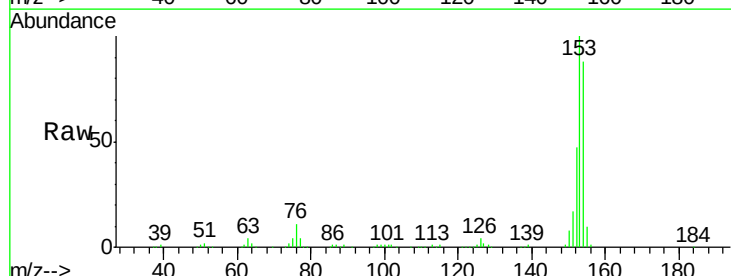


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

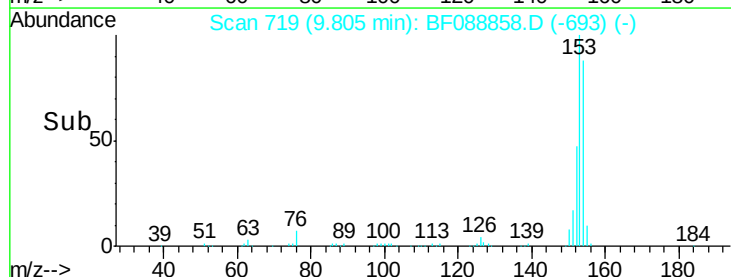
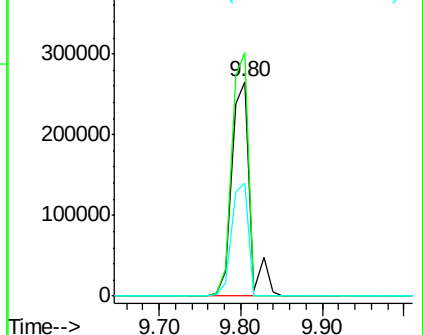


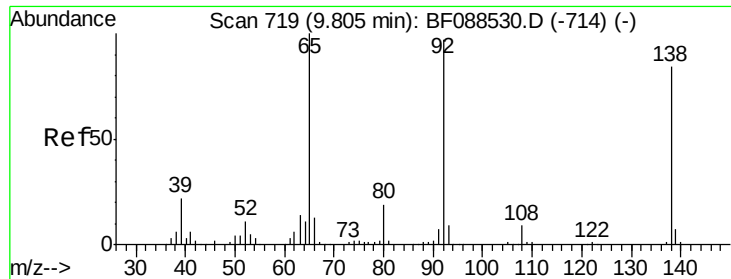
#51
Acenaphthene
Concen: 39.42 ng
RT: 9.80 min Scan# 719
Delta R.T. 0.00 min
Lab File: BF088858.D
Acq: 9 Jul 2016 7:33

Tgt Ion:154 Resp: 414644
Ion Ratio Lower Upper
154 100
153 113.3 89.5 134.3
152 52.9 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

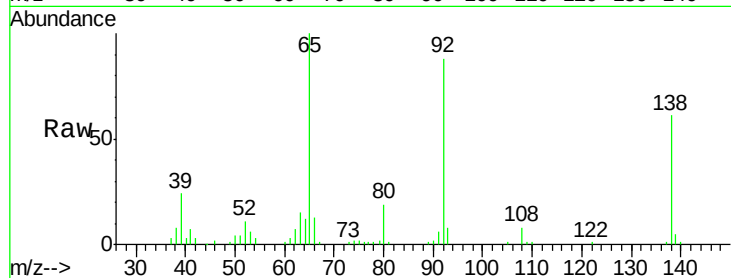




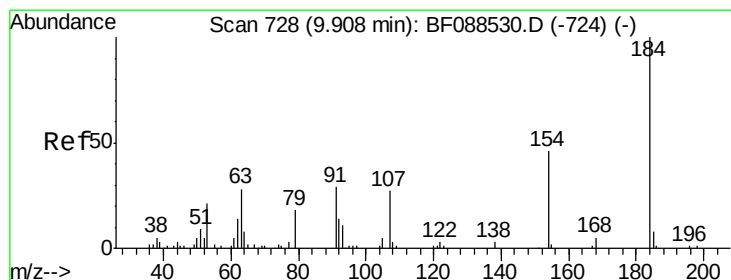
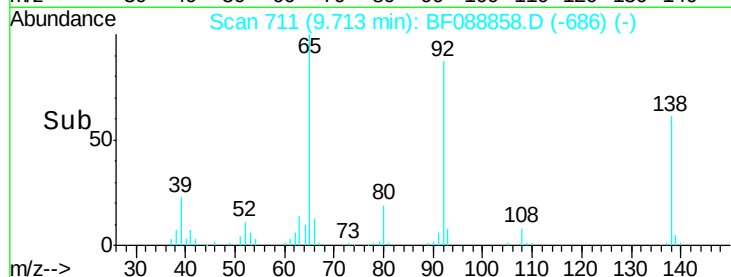
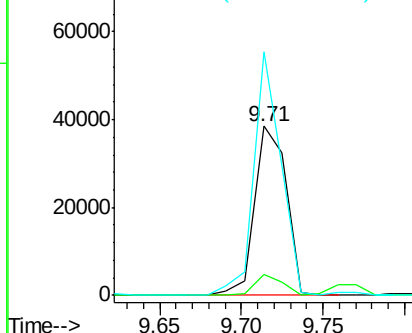
#52
 3-Nitroaniline
 Concen: 15.59 ng
 RT: 9.71 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: BF088858.D
 Acq: 9 Jul 2016 7:33

Instrument :
 BNA_F
 ClientSampleId :
 PB91940BS

Tgt Ion:138 Resp: 51925
 Ion Ratio Lower Upper
 138 100
 108 12.3 8.5 12.7
 92 144.0 95.7 143.5#

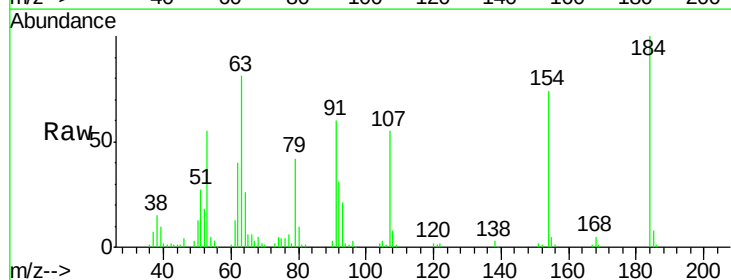


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF0

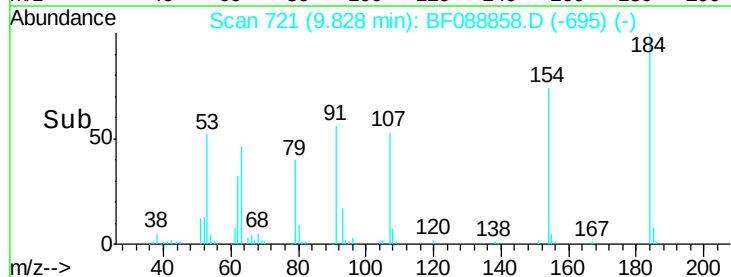
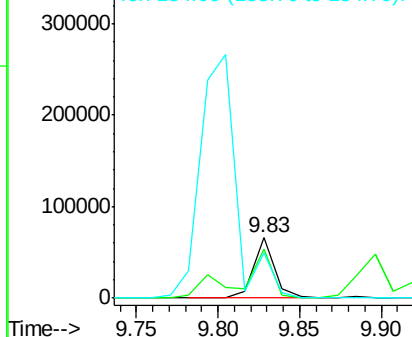


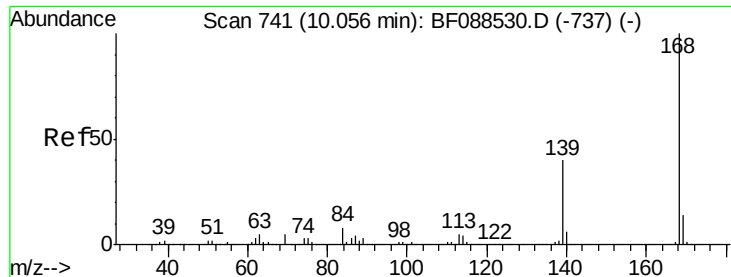
#53
 2,4-Dinitrophenol
 Concen: 52.12 ng
 RT: 9.83 min Scan# 721
 Delta R.T. 0.00 min
 Lab File: BF088858.D
 Acq: 9 Jul 2016 7:33

Tgt Ion:184 Resp: 60282
 Ion Ratio Lower Upper
 184 100
 63 80.8 57.6 86.4
 154 73.8 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

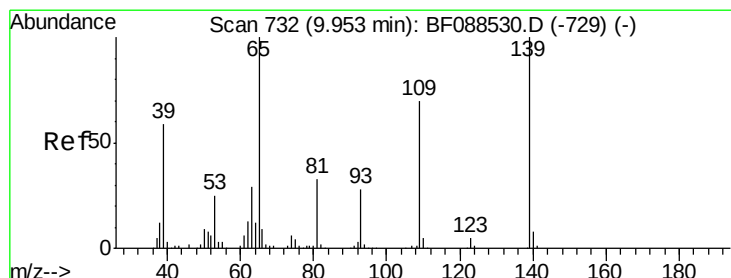
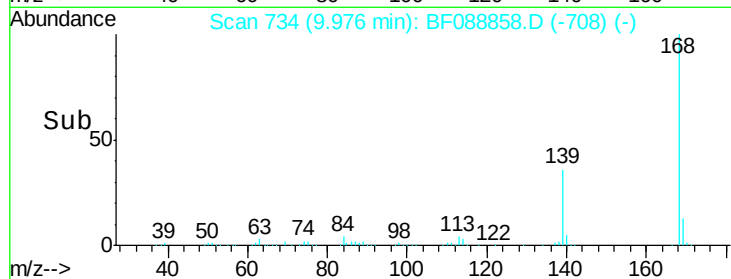
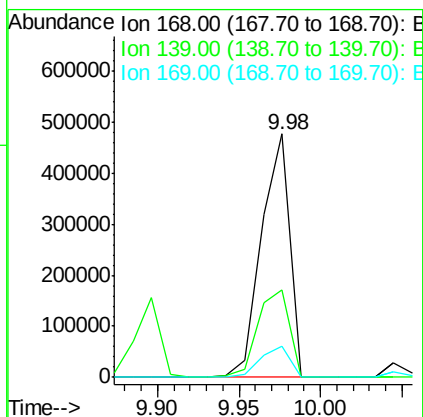
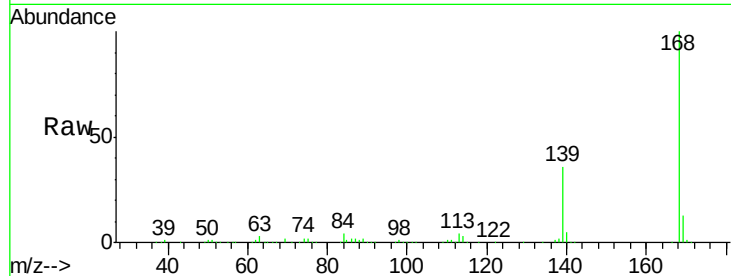




#54
Dibenzofuran
Concen: 41.61 ng
RT: 9.98 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF088858.D
Acq: 9 Jul 2016 7:33

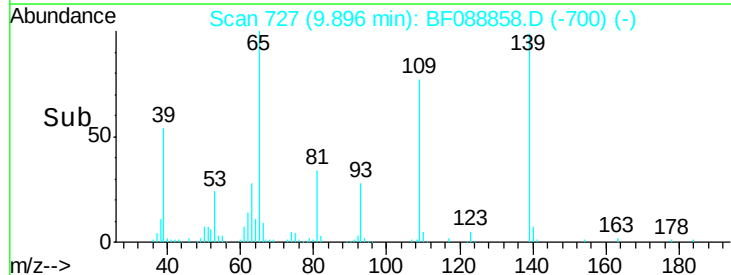
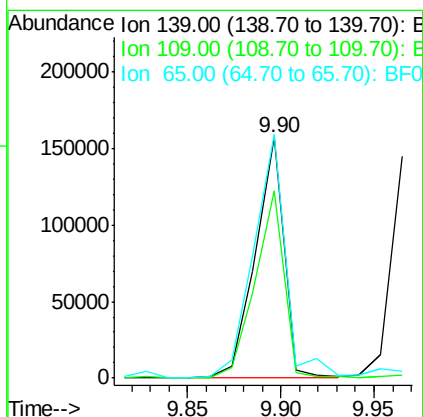
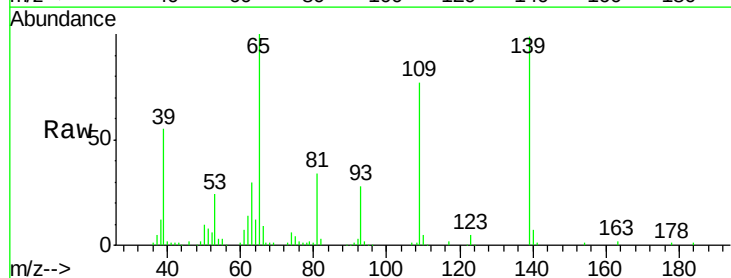
Instrument :
BNA_F
ClientSampleId :
PB91940BS

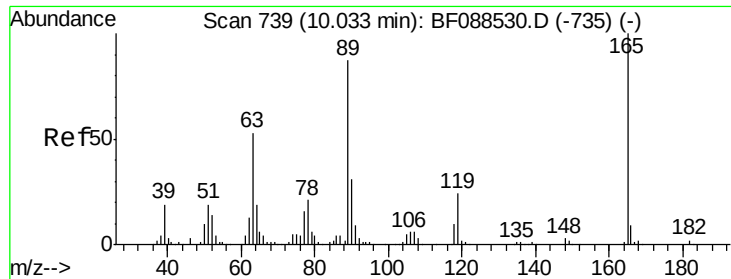
Tgt Ion:168 Resp: 572936
Ion Ratio Lower Upper
168 100
139 35.7 26.4 39.6
169 12.9 10.4 15.6



#55
4-Nitrophenol
Concen: 66.06 ng
RT: 9.90 min Scan# 727
Delta R.T. 0.01 min
Lab File: BF088858.D
Acq: 9 Jul 2016 7:33

Tgt Ion:139 Resp: 167168
Ion Ratio Lower Upper
139 100
109 78.0 48.9 88.9
65 101.2 84.9 124.9





#56

2,4-Dinitrotoluene

Concen: 40.02 ng

RT: 9.95 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF088858.D

Acq: 9 Jul 2016 7:33

Instrument :

BNA_F

ClientSampleId :

PB91940BS

Tgt Ion:165 Resp: 137062

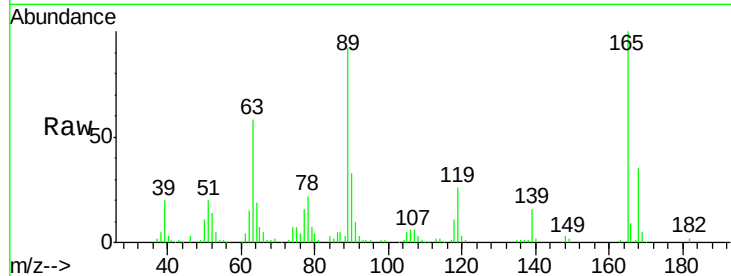
Ion Ratio Lower Upper

165 100

63 58.0 22.0 33.0#

89 92.2 41.1 61.7#

182 2.3 2.0 3.0

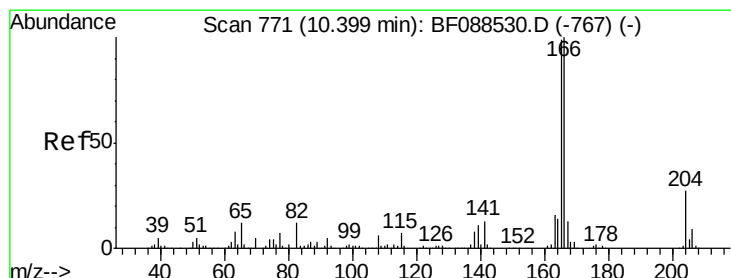
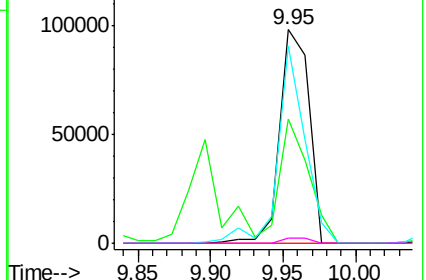
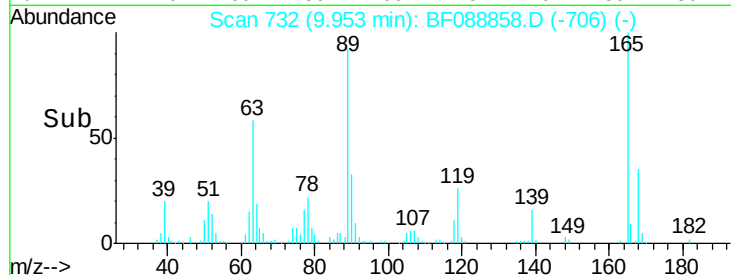


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 35.71 ng

RT: 10.31 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF088858.D

Acq: 9 Jul 2016 7:33

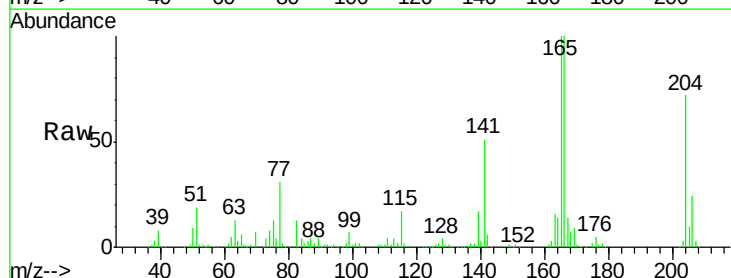
Tgt Ion:166 Resp: 378934

Ion Ratio Lower Upper

166 100

165 100.0 77.8 116.8

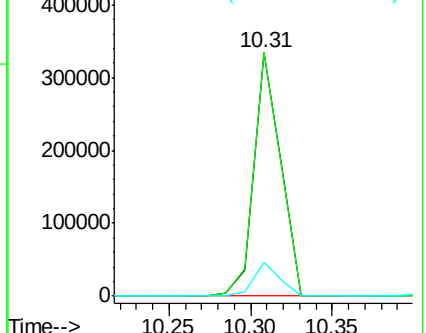
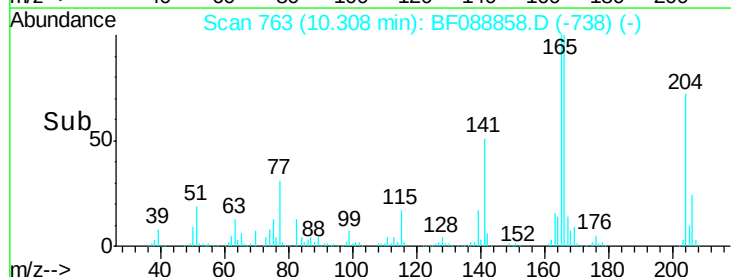
167 13.8 11.2 16.8

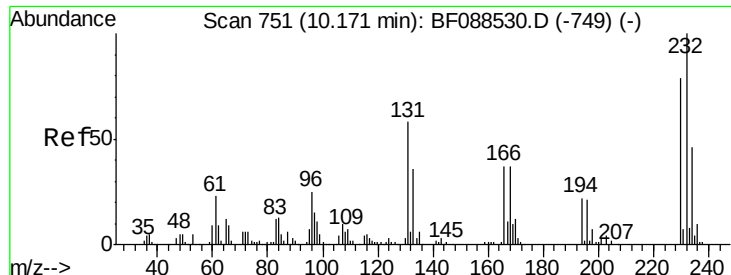


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

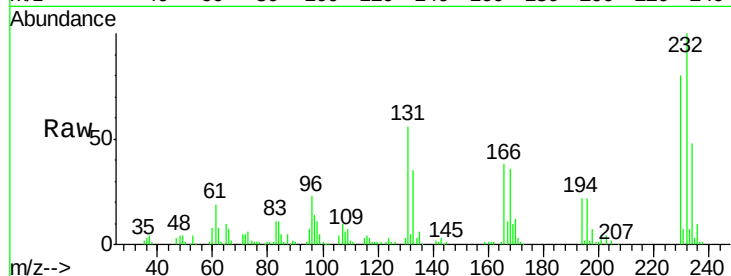




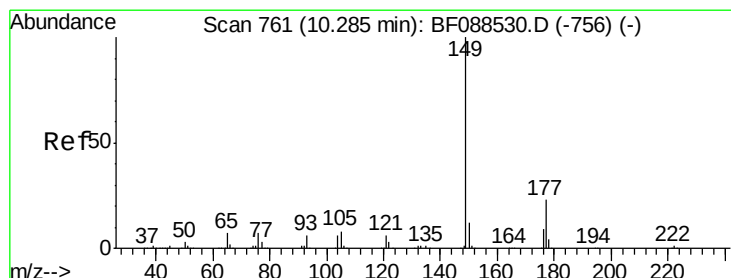
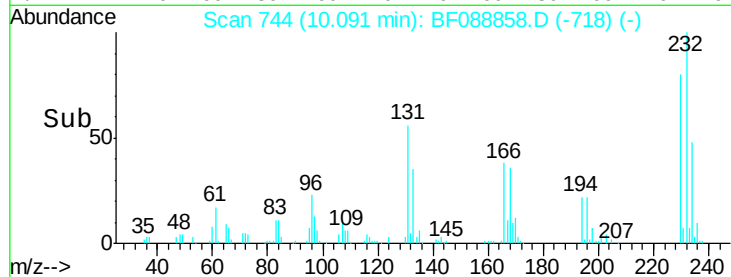
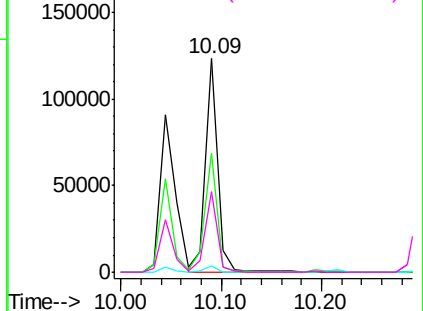
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.59 ng
 RT: 10.09 min Scan# 744
 Delta R.T. 0.00 min
 Lab File: BF088858.D
 Acq: 9 Jul 2016 7:33

Instrument :
 BNA_F
 ClientSampleId :
 PB91940BS

Tgt Ion: 232 Resp: 105560
 Ion Ratio Lower Upper
 232 100
 131 56.4 0.9 1.3#
 130 2.7 1.5 2.3#
 166 37.1 0.5 0.7#

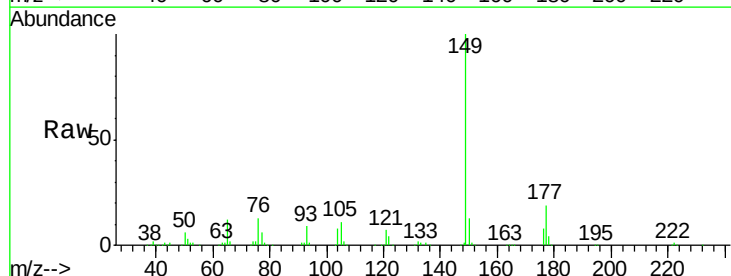


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

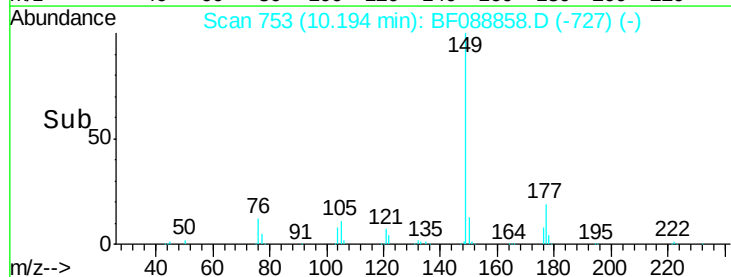
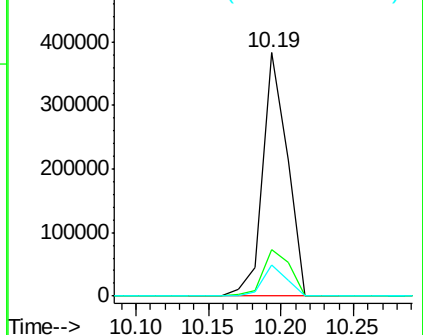


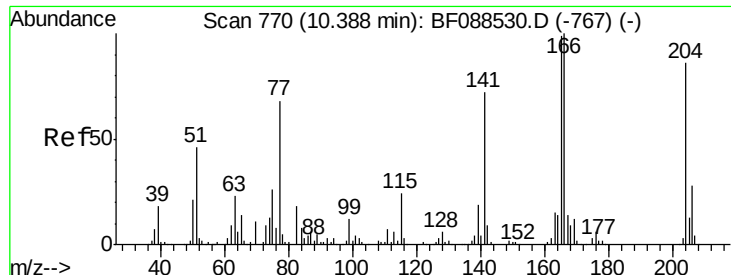
#59
 Diethylphthalate
 Concen: 37.73 ng
 RT: 10.19 min Scan# 753
 Delta R.T. 0.00 min
 Lab File: BF088858.D
 Acq: 9 Jul 2016 7:33

Tgt Ion: 149 Resp: 447598
 Ion Ratio Lower Upper
 149 100
 177 19.3 16.9 25.3
 150 13.0 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

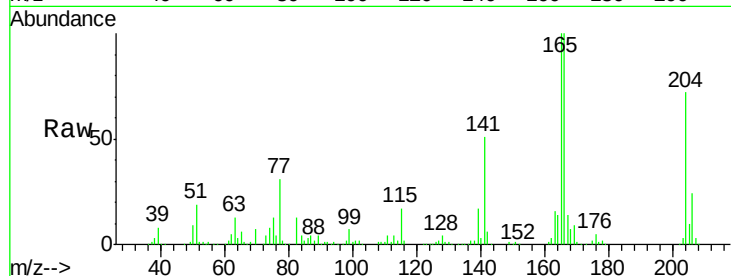




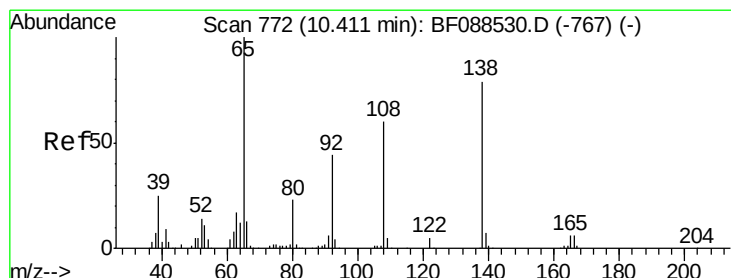
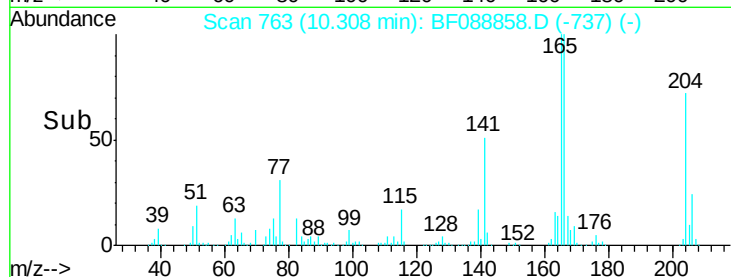
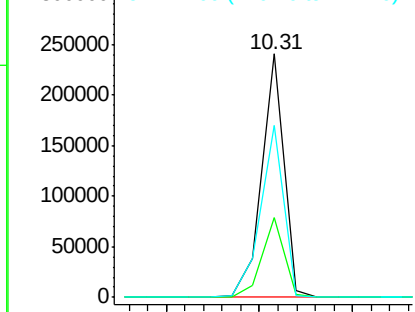
#60
 4-Chlorophenyl-phenylether
 Concen: 40.13 ng
 RT: 10.31 min Scan# 763
 Delta R.T. 0.00 min
 Lab File: BF088858.D
 Acq: 9 Jul 2016 7:33

Instrument :
 BNA_F
 ClientSampleId :
 PB91940BS

Tgt Ion:204 Resp: 197851
 Ion Ratio Lower Upper
 204 100
 206 32.7 26.3 39.5
 141 70.4 55.0 82.6

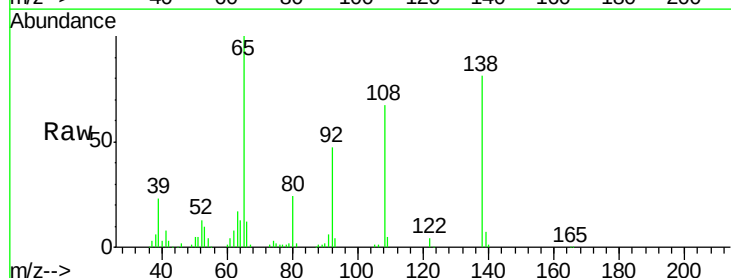


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

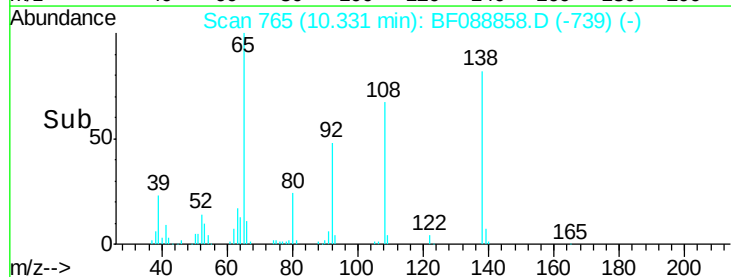
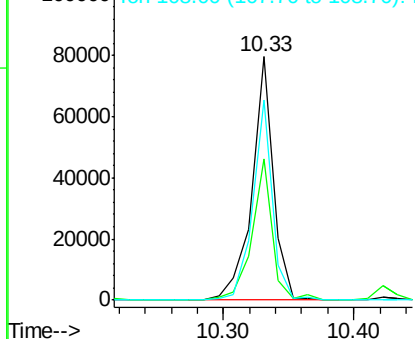


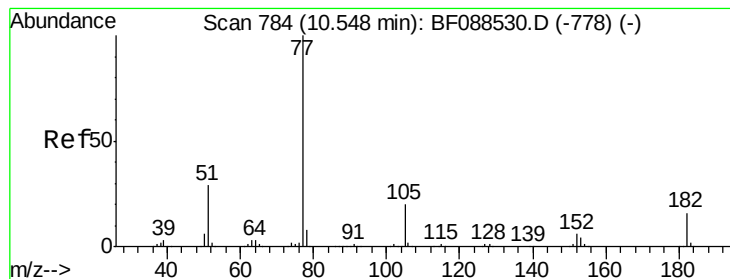
#61
 4-Nitroaniline
 Concen: 28.45 ng
 RT: 10.33 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: BF088858.D
 Acq: 9 Jul 2016 7:33

Tgt Ion:138 Resp: 91169
 Ion Ratio Lower Upper
 138 100
 92 57.8 27.3 67.3
 108 82.4 46.7 86.7



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





#62

Azobenzene

Concen: 41.05 ng

RT: 10.47 min Scan# 777

Delta R.T. 0.00 min

Lab File: BF088858.D

Acq: 9 Jul 2016 7:33

Instrument :

BNA_F

ClientSampleId :

PB91940BS

Tgt Ion: 77 Resp: 555431

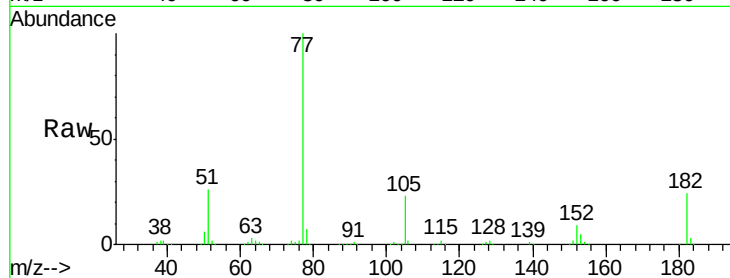
Ion Ratio Lower Upper

77 100

182 23.6 4.4 44.4

105 23.0 3.8 43.8

51 26.2 9.3 49.3

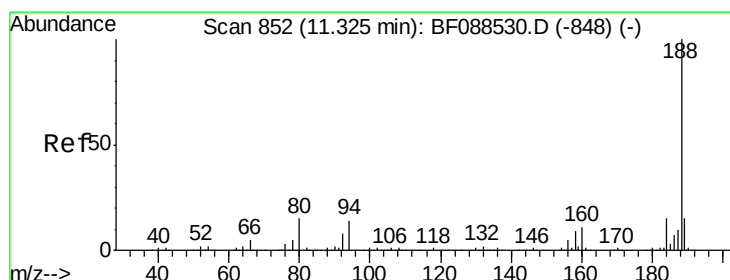
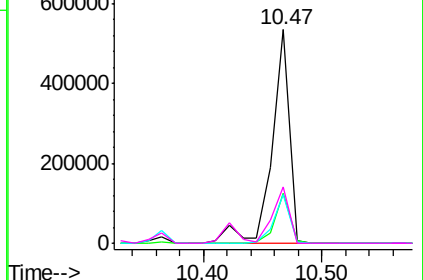
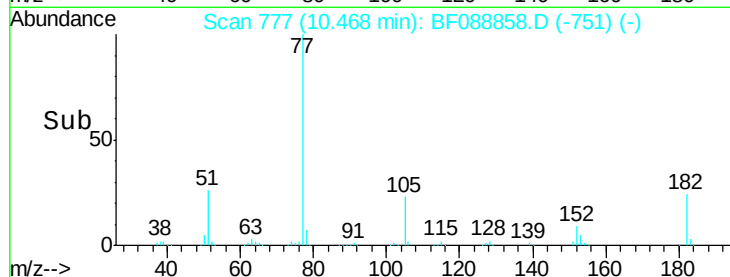


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.25 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF088858.D

Acq: 9 Jul 2016 7:33

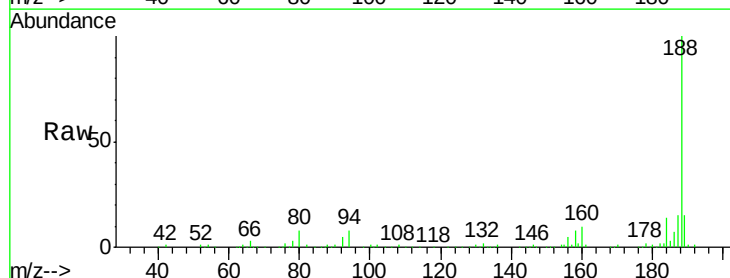
Tgt Ion: 188 Resp: 305965

Ion Ratio Lower Upper

188 100

94 7.6 9.0 13.6#

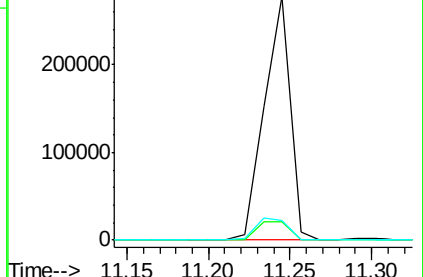
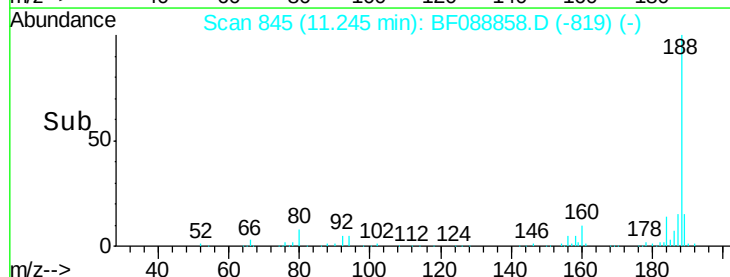
80 8.0 10.0 15.0#

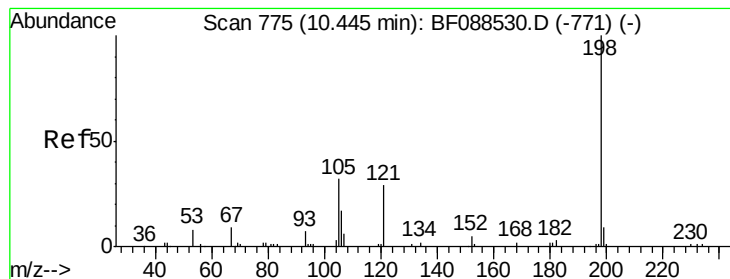


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 33.46 ng

RT: 10.36 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF088858.D

Acq: 9 Jul 2016 7:33

Instrument :

BNA_F

ClientSampled :

PB91940BS

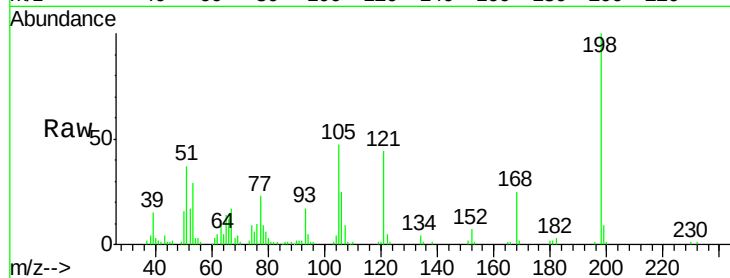
Tgt Ion:198 Resp: 54759

Ion Ratio Lower Upper

198 100

51 36.9 39.6 79.6#

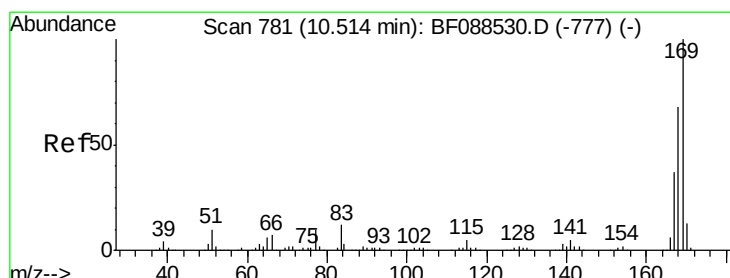
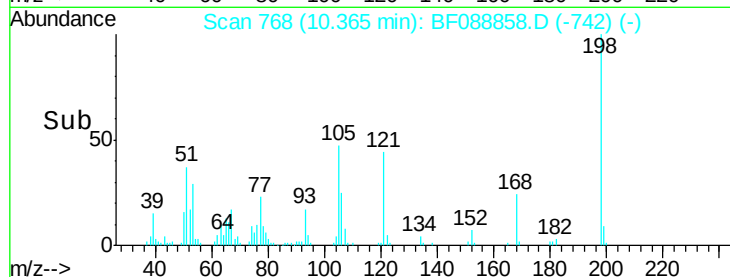
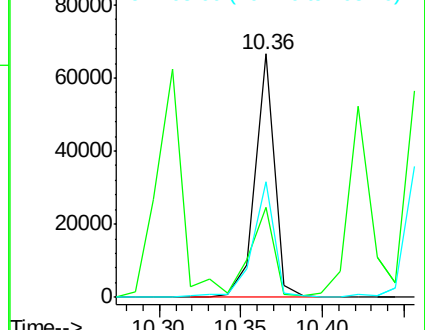
105 47.5 36.6 76.6



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: 35.70 ng

RT: 10.42 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF088858.D

Acq: 9 Jul 2016 7:33

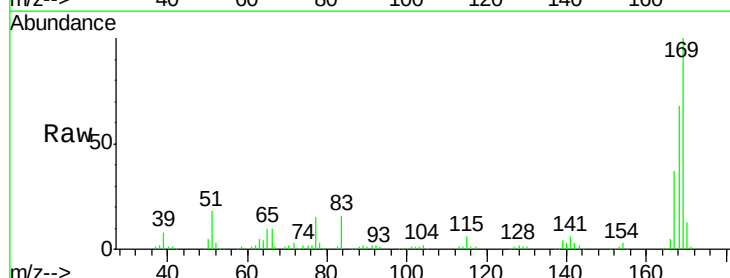
Tgt Ion:169 Resp: 369732

Ion Ratio Lower Upper

169 100

168 67.7 53.4 80.0

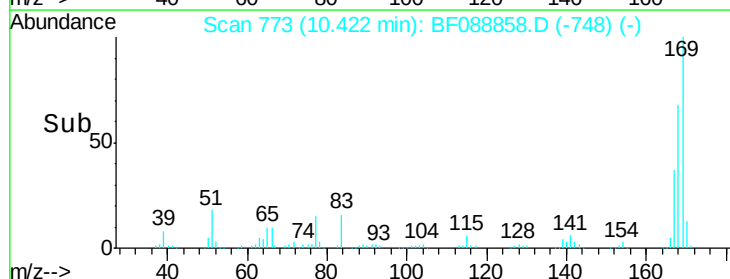
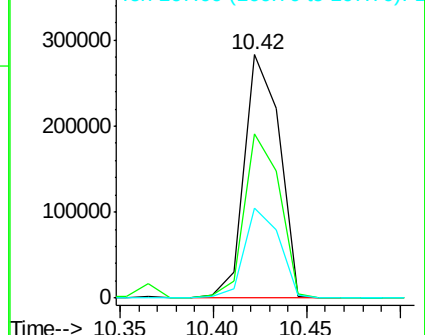
167 37.0 29.4 44.0

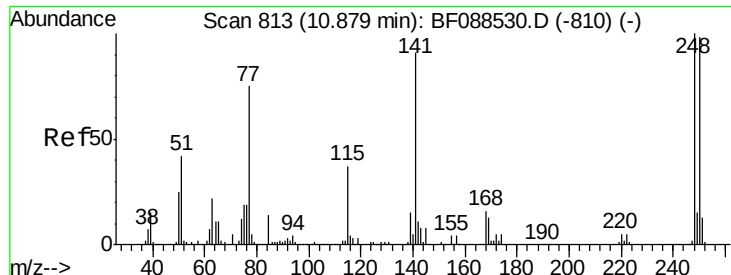


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

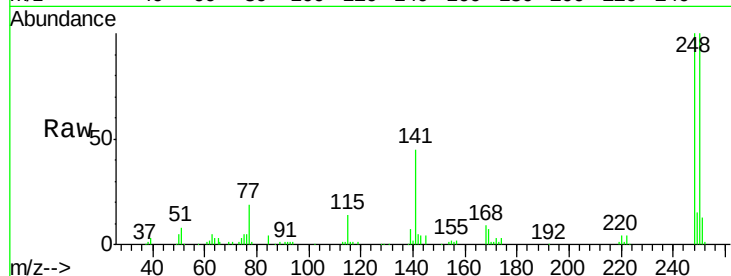




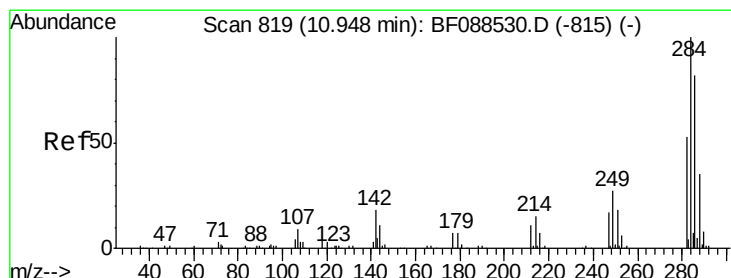
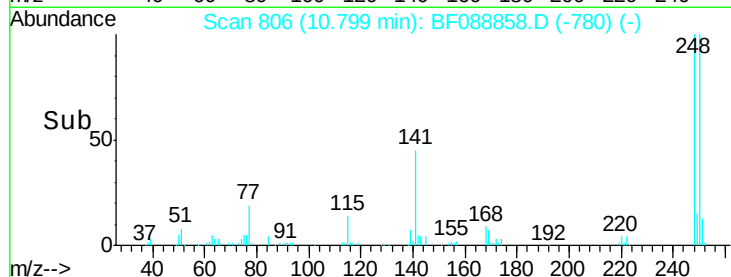
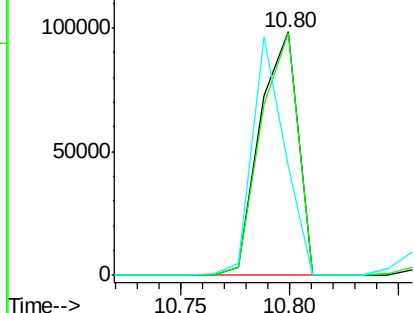
#66
4-Bromophenyl-phenylether
Concen: 38.76 ng
RT: 10.80 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF088858.D
Acq: 9 Jul 2016 7:33

Instrument :
BNA_F
ClientSampled :
PB91940BS

Tgt Ion:248 Resp: 119519
Ion Ratio Lower Upper
248 100
250 99.6 77.1 115.7
141 44.6 50.6 76.0#

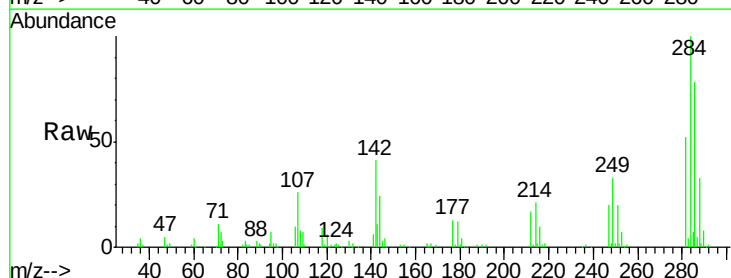


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

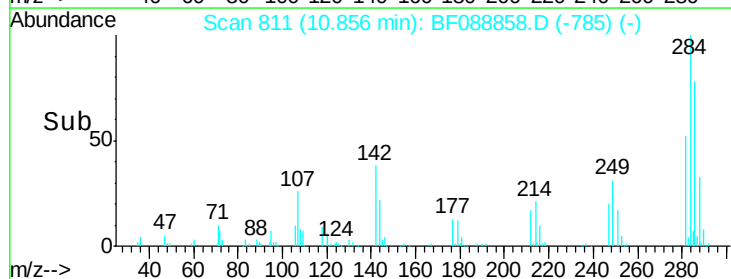
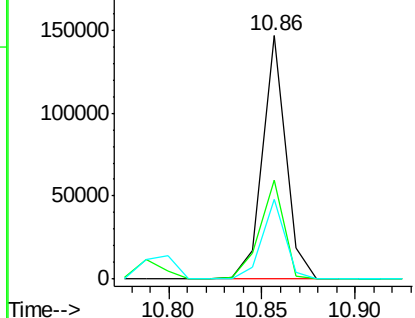


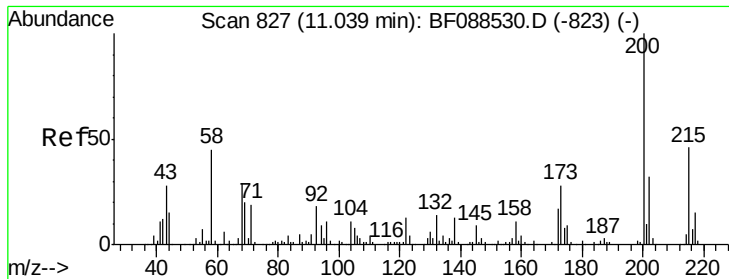
#67
Hexachlorobenzene
Concen: 36.95 ng
RT: 10.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF088858.D
Acq: 9 Jul 2016 7:33

Tgt Ion:284 Resp: 126117
Ion Ratio Lower Upper
284 100
142 40.5 35.8 53.8
249 32.5 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

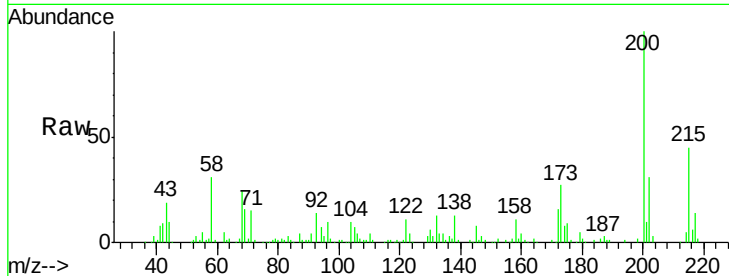




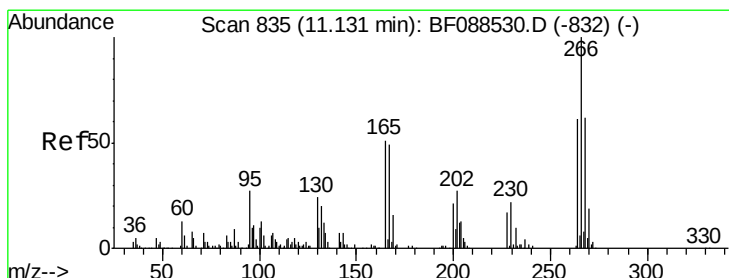
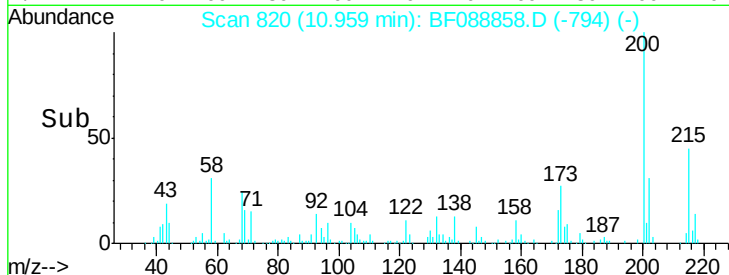
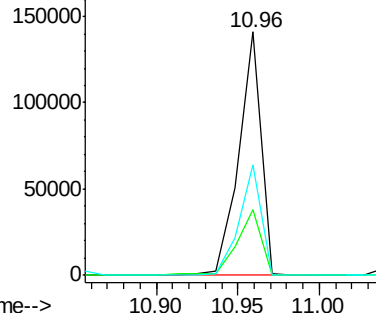
#68
Atrazine
Concen: 41.54 ng
RT: 10.96 min Scan# 820
Delta R.T. 0.00 min
Lab File: BF088858.D
Acq: 9 Jul 2016 7:33

Instrument :
BNA_F
ClientSampleId :
PB91940BS

Tgt Ion:200 Resp: 134039
Ion Ratio Lower Upper
200 100
173 26.9 4.0 44.0
215 45.4 29.3 69.3

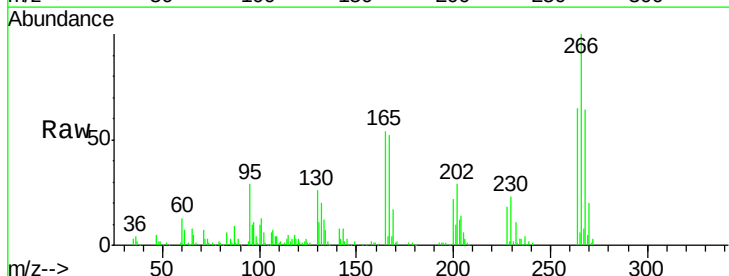


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

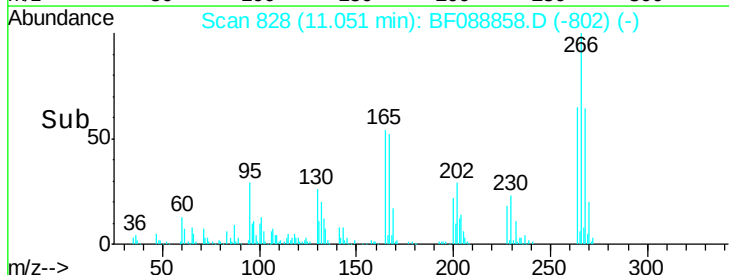
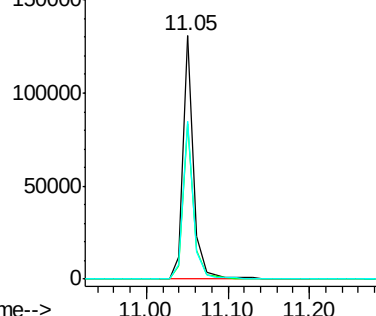


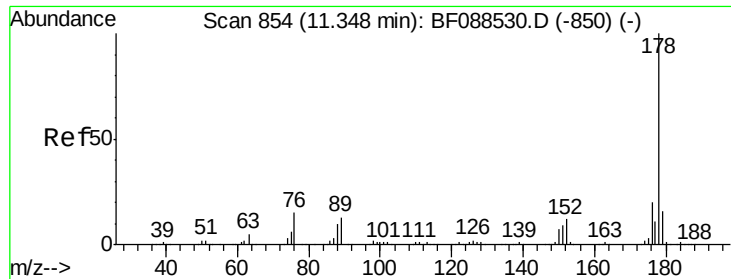
#69
Pentachlorophenol
Concen: 59.92 ng
RT: 11.05 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF088858.D
Acq: 9 Jul 2016 7:33

Tgt Ion:266 Resp: 121038
Ion Ratio Lower Upper
266 100
268 64.0 52.8 79.2
264 64.9 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

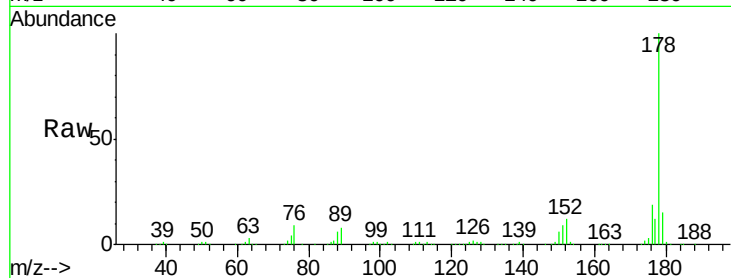




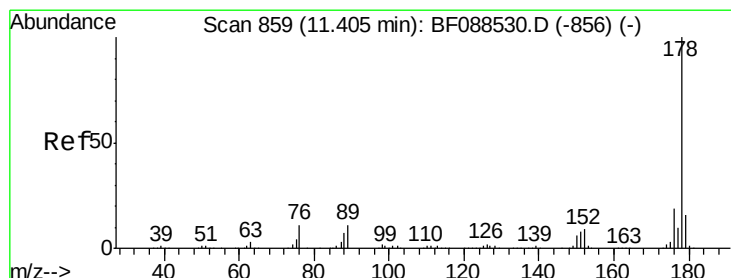
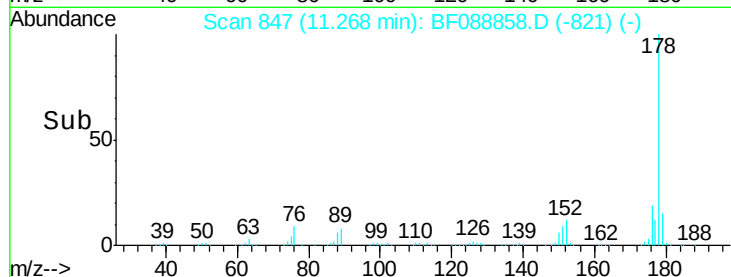
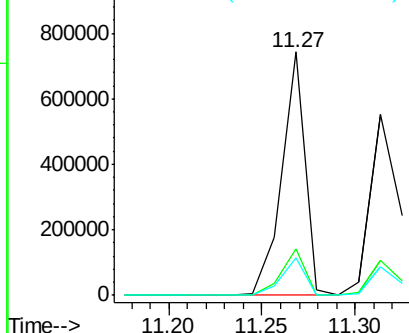
#70
Phenanthrene
Concen: 38.81 ng
RT: 11.27 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF088858.D
Acq: 9 Jul 2016 7:33

Instrument :
BNA_F
ClientSampleId :
PB91940BS

Tgt Ion:178 Resp: 649144
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.6
179 15.3 13.0 19.4

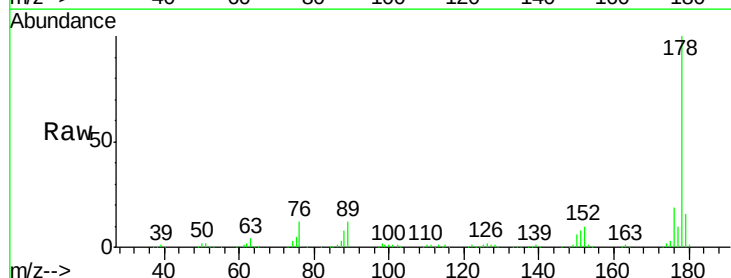


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

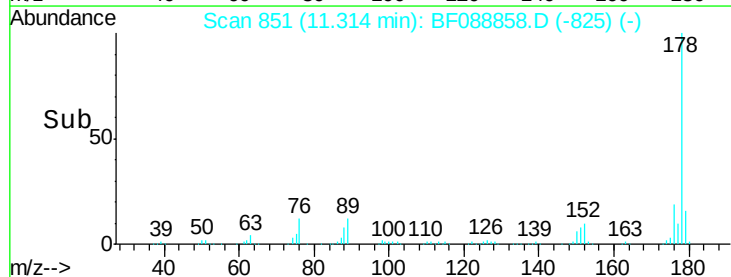
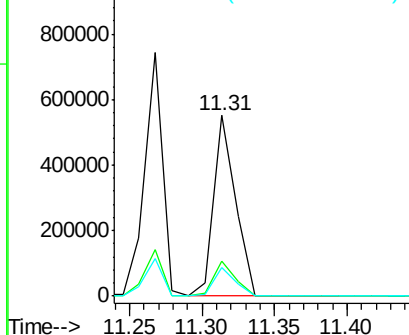


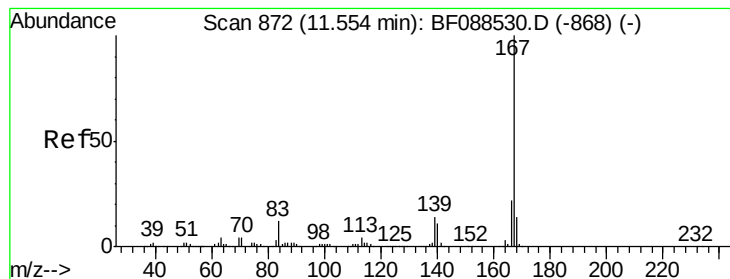
#71
Anthracene
Concen: 34.55 ng
RT: 11.31 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF088858.D
Acq: 9 Jul 2016 7:33

Tgt Ion:178 Resp: 574603
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 16.1 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: 38.32 ng

RT: 11.47 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF088858.D

Acq: 9 Jul 2016 7:33

Instrument :

BNA_F

ClientSampleId :

PB91940BS

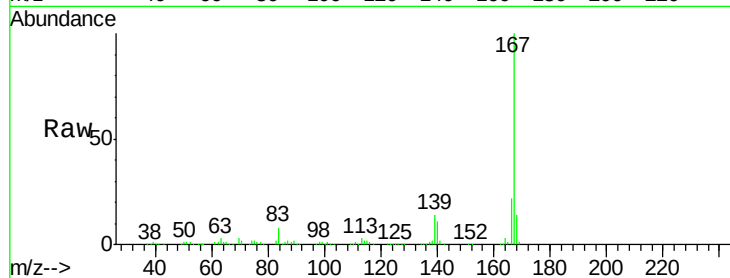
Tgt Ion:167 Resp: 599726

Ion Ratio Lower Upper

167 100

166 22.0 17.8 26.6

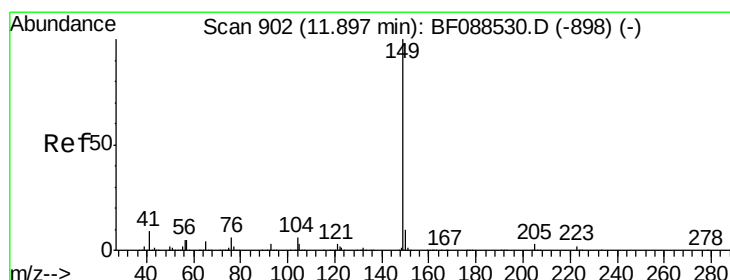
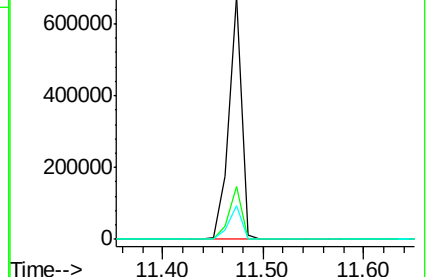
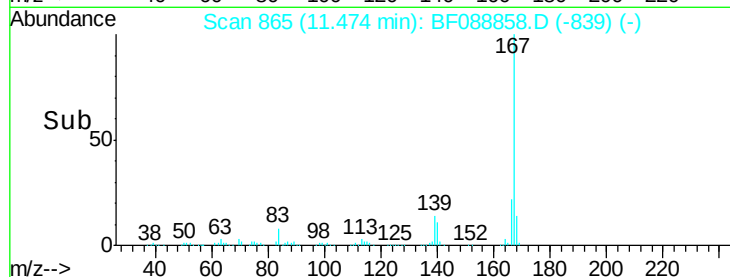
139 14.1 11.2 16.8



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: 41.84 ng

RT: 11.82 min Scan# 895

Delta R.T. 0.00 min

Lab File: BF088858.D

Acq: 9 Jul 2016 7:33

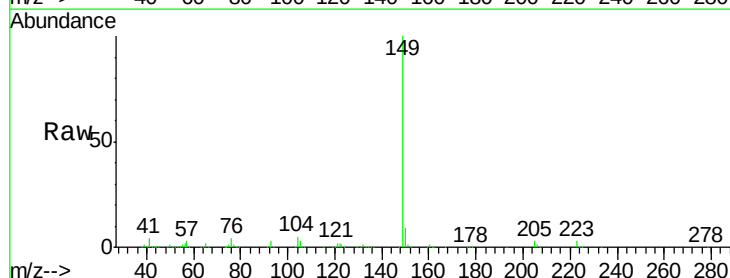
Tgt Ion:149 Resp: 761830

Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.6

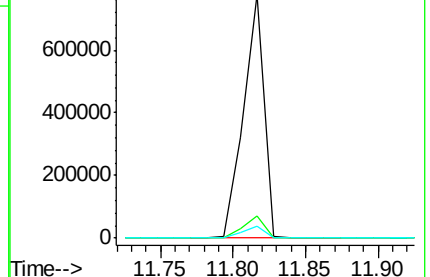
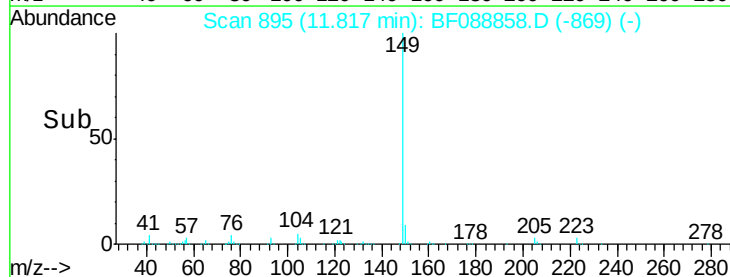
104 4.7 4.0 6.0

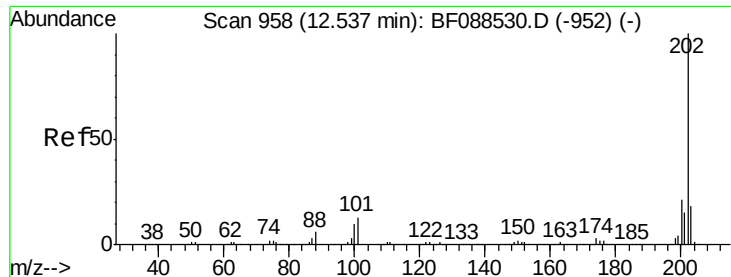


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

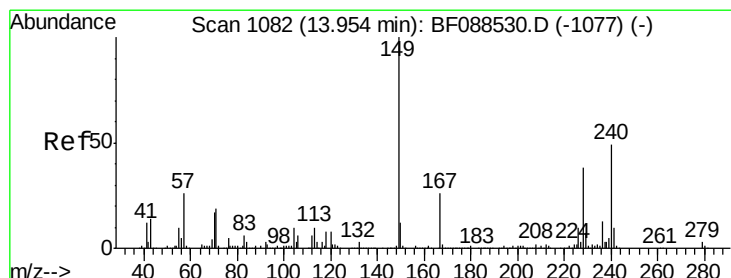
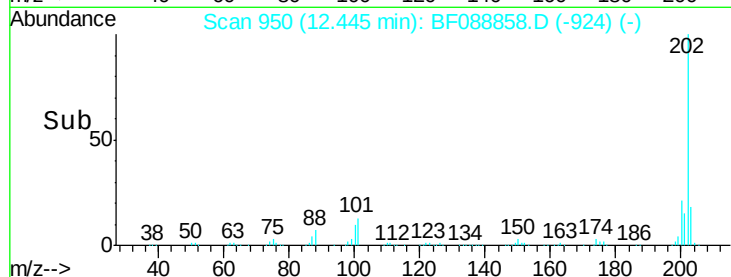
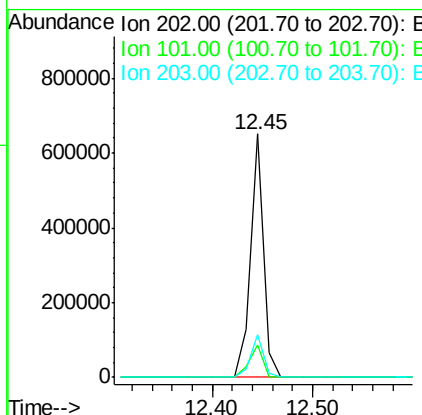
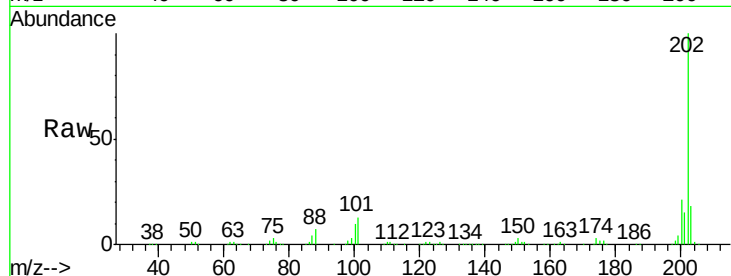




#74
Fluoranthene
 Concen: 34.48 ng
 RT: 12.45 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: BF088858.D
 Acq: 9 Jul 2016 7:33

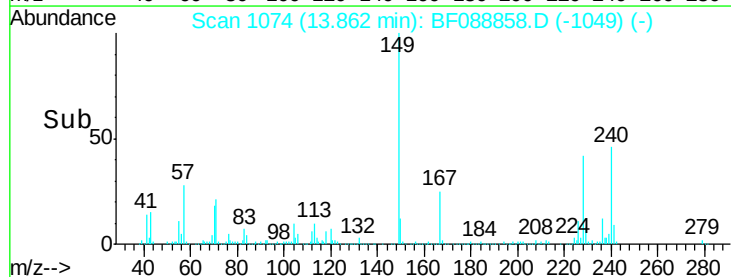
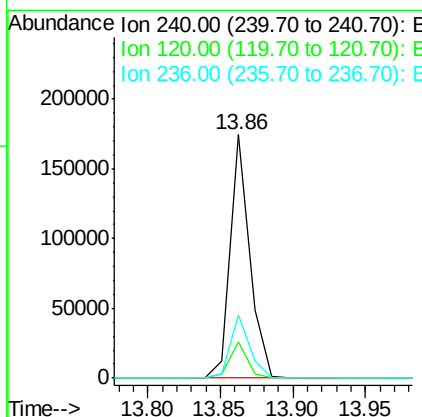
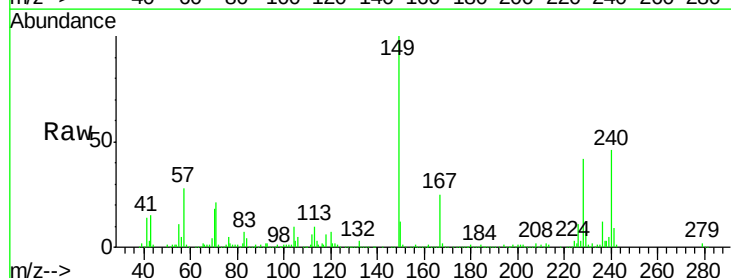
Instrument :
 BNA_F
 ClientSampleId :
 PB91940BS

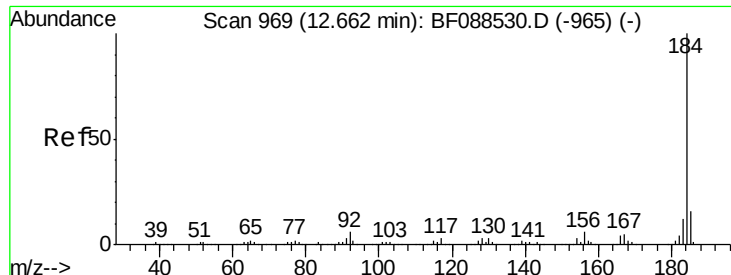
Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	33.1
203	17.6	0.0	38.1



#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 13.86 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: BF088858.D
 Acq: 9 Jul 2016 7:33

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.8	6.8	10.2#
236	25.7	20.2	30.2

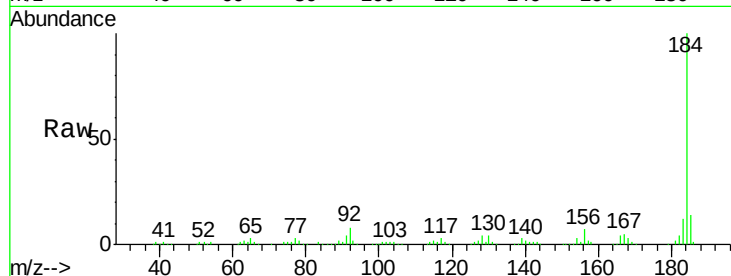




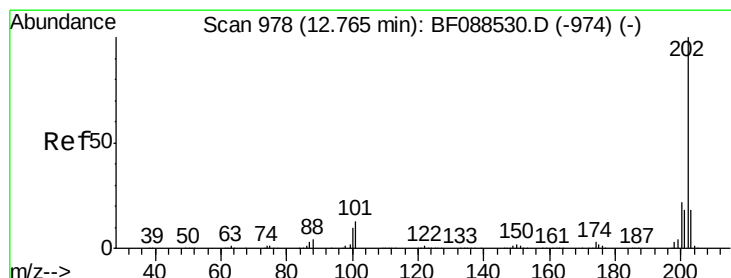
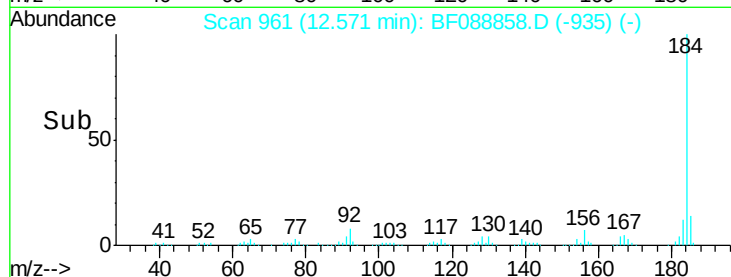
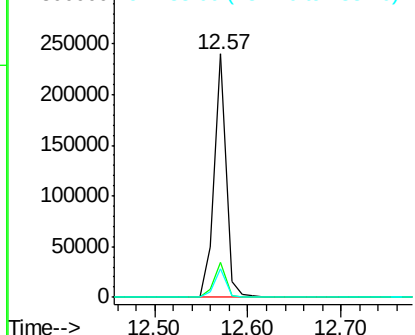
#76
Benzidine
Concen: 25.91 ng
RT: 12.57 min Scan# 961
Delta R.T. 0.00 min
Lab File: BF088858.D
Acq: 9 Jul 2016 7:33

Instrument :
BNA_F
ClientSampleId :
PB91940BS

Tgt Ion:184 Resp: 213934
Ion Ratio Lower Upper
184 100
185 14.3 12.5 18.7
183 11.7 9.3 13.9

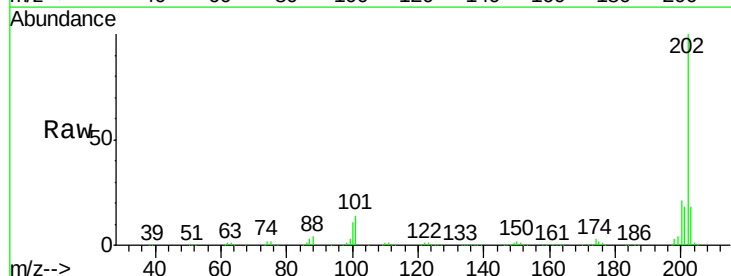


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

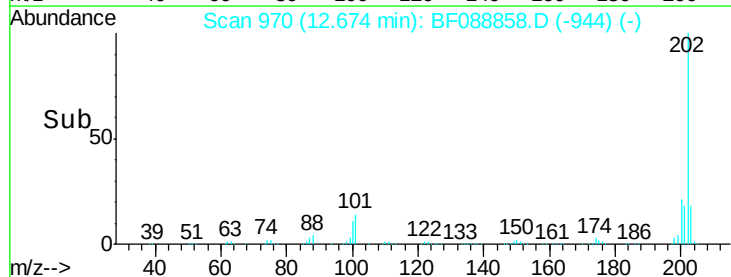
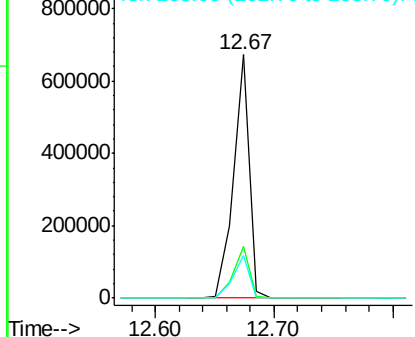


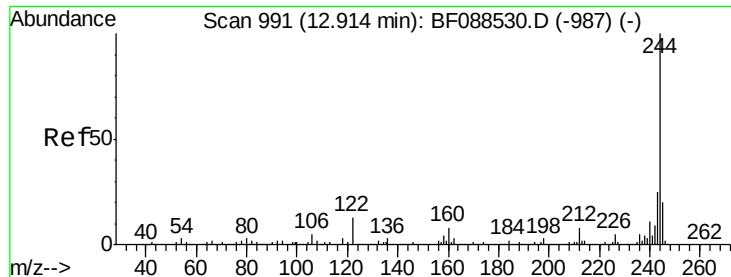
#77
Pyrene
Concen: 44.48 ng
RT: 12.67 min Scan# 970
Delta R.T. 0.00 min
Lab File: BF088858.D
Acq: 9 Jul 2016 7:33

Tgt Ion:202 Resp: 616127
Ion Ratio Lower Upper
202 100
200 21.3 17.4 26.2
203 17.6 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

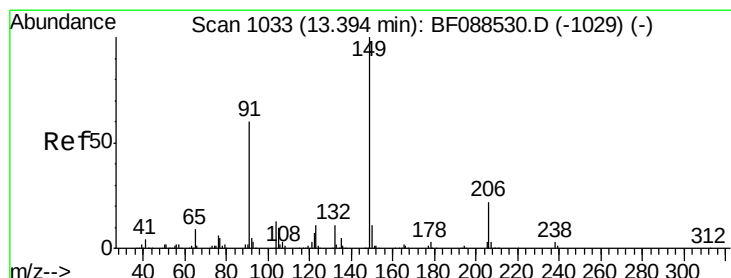
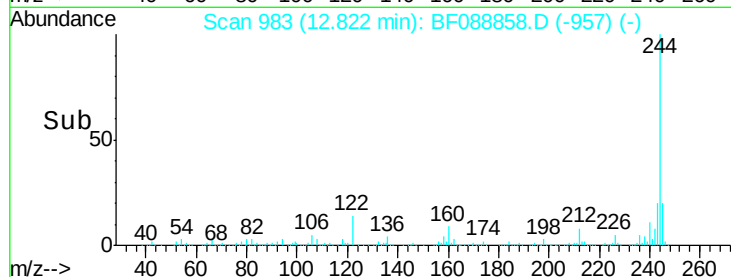
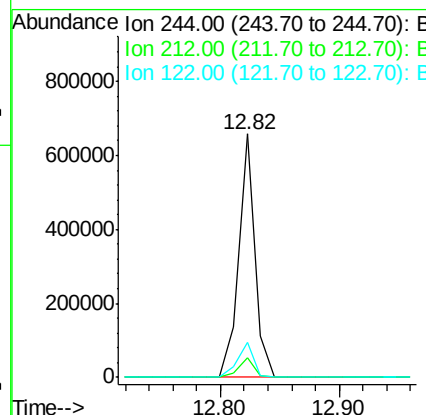
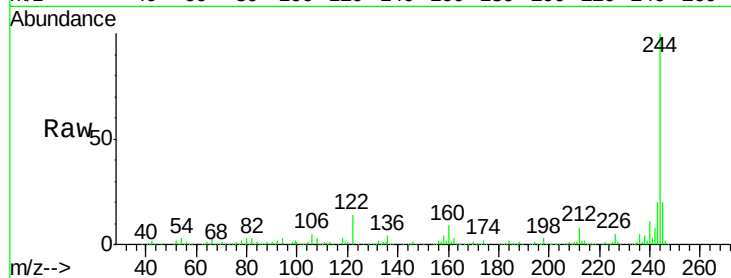




#78
 Terphenyl-d14
 Concen: 85.49 ng
 RT: 12.82 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: BF088858.D
 Acq: 9 Jul 2016 7:33

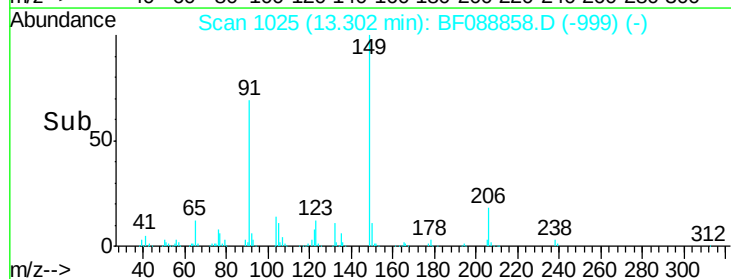
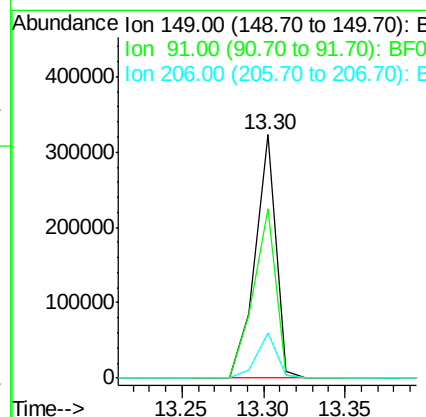
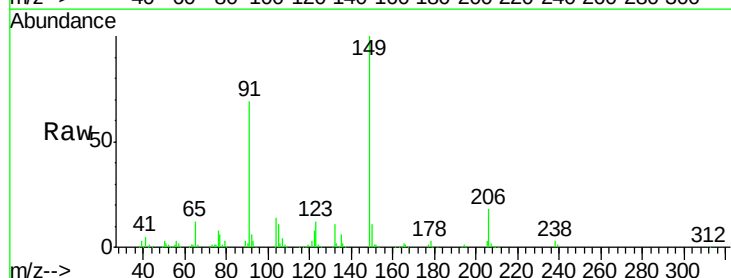
Instrument :
 BNA_F
 ClientSampleId :
 PB91940BS

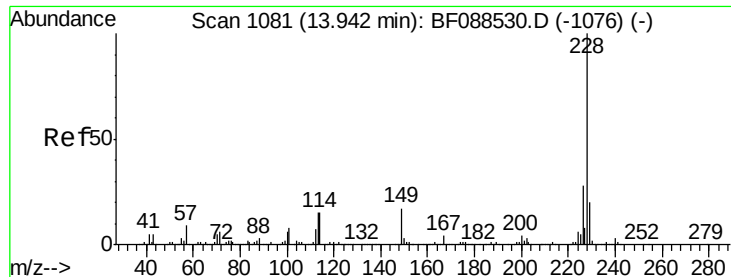
Tgt Ion: 244 Resp: 627017
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.0 9.0
 122 14.5 11.2 16.8



#79
 Butylbenzylphthalate
 Concen: 46.44 ng
 RT: 13.30 min Scan# 1025
 Delta R.T. 0.00 min
 Lab File: BF088858.D
 Acq: 9 Jul 2016 7:33

Tgt Ion: 149 Resp: 286898
 Ion Ratio Lower Upper
 149 100
 91 69.4 48.0 72.0
 206 18.5 16.0 24.0





#80

Benzo(a)anthracene

Concen: 37.63 ng

RT: 13.85 min Scan# 1073

Delta R.T. 0.00 min

Lab File: BF088858.D

Acq: 9 Jul 2016 7:33

Instrument :

BNA_F

ClientSampleId :

PB91940BS

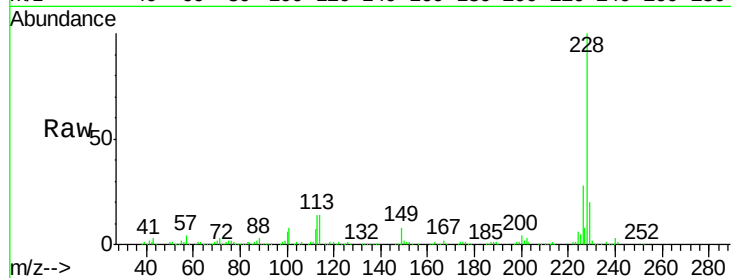
Tgt Ion:228 Resp: 395840

Ion Ratio Lower Upper

228 100

226 27.5 22.3 33.5

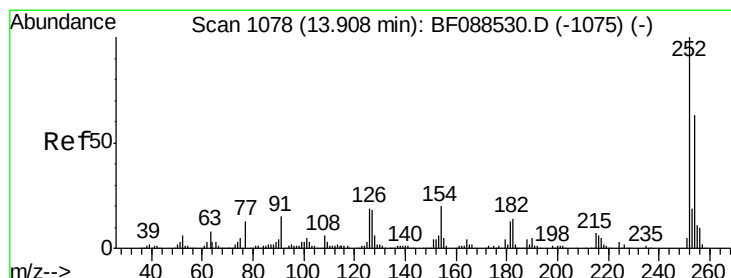
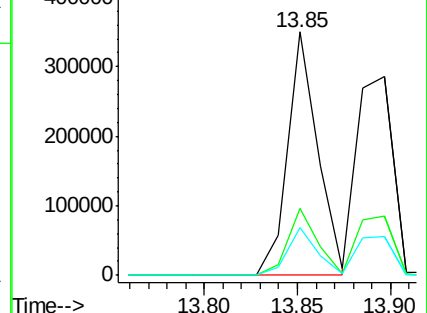
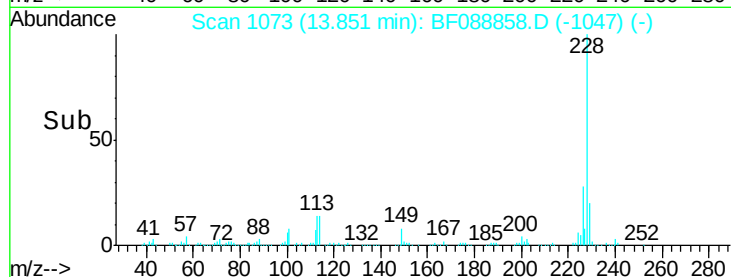
229 19.7 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 20.43 ng

RT: 13.82 min Scan# 1070

Delta R.T. -0.01 min

Lab File: BF088858.D

Acq: 9 Jul 2016 7:33

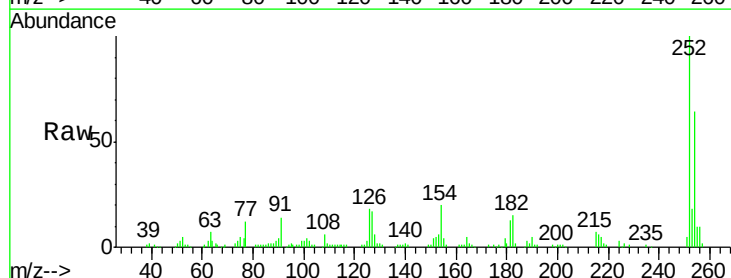
Tgt Ion:252 Resp: 80780

Ion Ratio Lower Upper

252 100

254 63.7 52.6 78.8

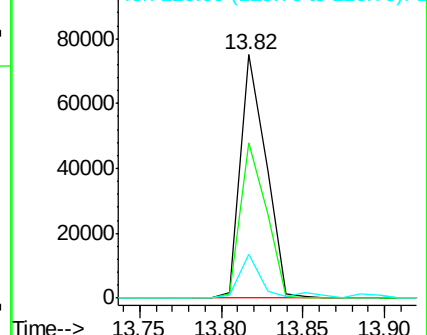
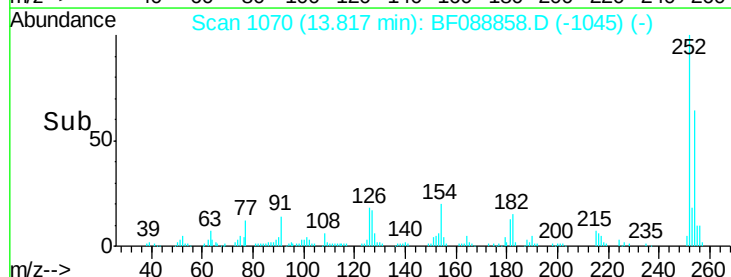
126 18.0 6.2 9.2#

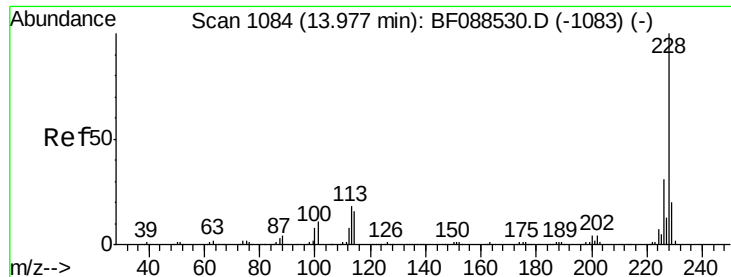


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 37.36 ng

RT: 13.90 min Scan# 1077

Delta R.T. 0.00 min

Lab File: BF088858.D

Acq: 9 Jul 2016 7:33

Instrument :

BNA_F

ClientSampleId :

PB91940BS

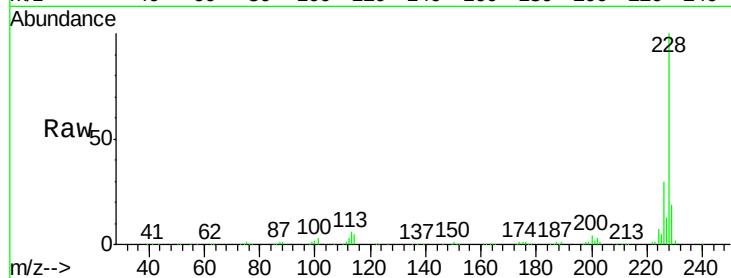
Tgt Ion:228 Resp: 388814

Ion Ratio Lower Upper

228 100

226 30.2 25.4 38.2

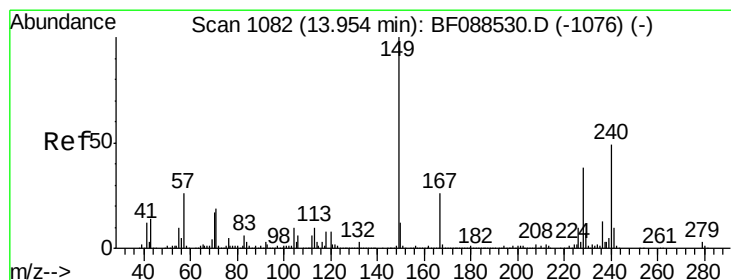
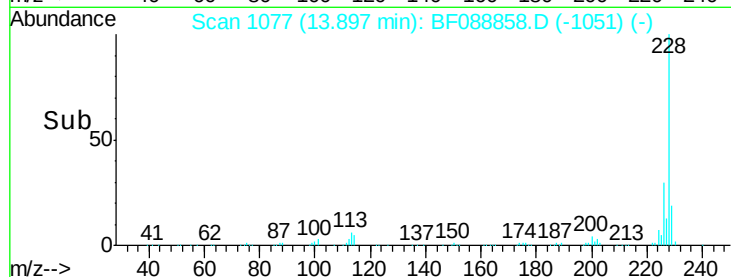
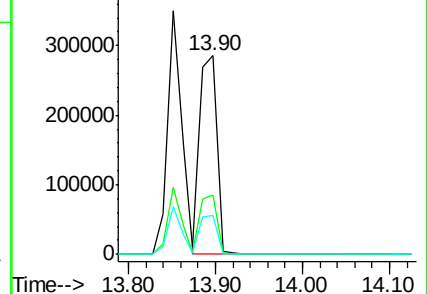
229 19.5 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 46.15 ng

RT: 13.86 min Scan# 1074

Delta R.T. 0.00 min

Lab File: BF088858.D

Acq: 9 Jul 2016 7:33

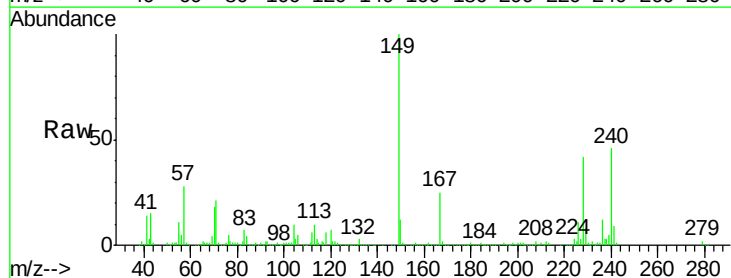
Tgt Ion:149 Resp: 325535

Ion Ratio Lower Upper

149 100

167 24.7 20.5 30.7

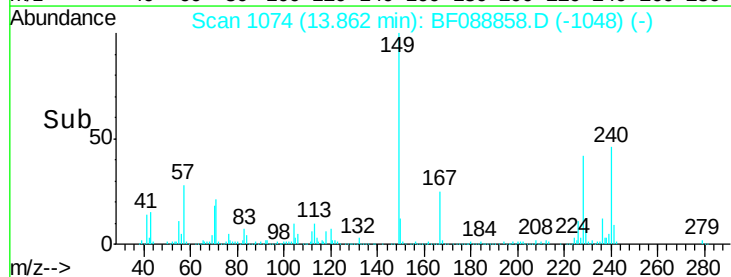
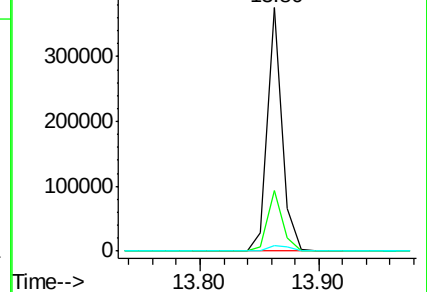
279 2.4 2.0 3.0

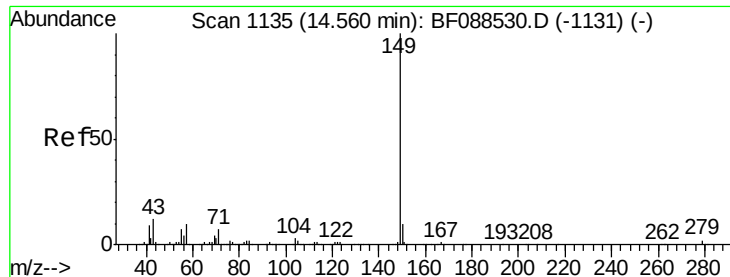


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 40.32 ng

RT: 14.47 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BF088858.D

Acq: 9 Jul 2016 7:33

Instrument :

BNA_F

ClientSampleId :

PB91940BS

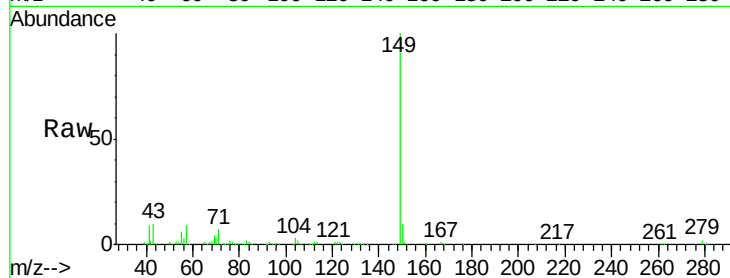
Tgt Ion:149 Resp: 483155

Ion Ratio Lower Upper

149 100

167 1.4 0.0 0.0#

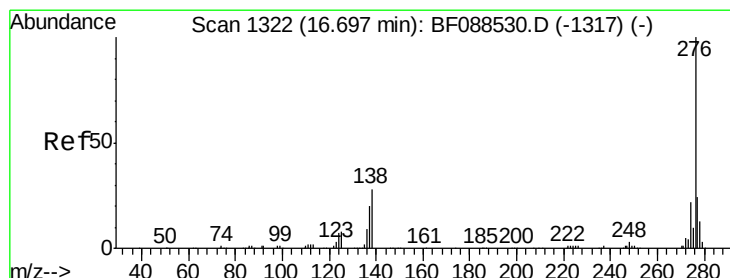
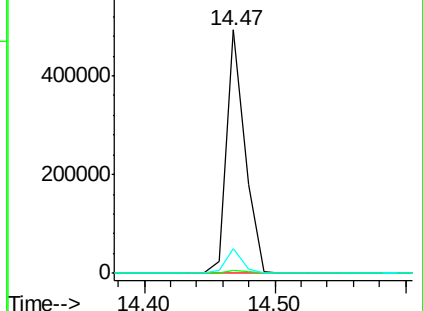
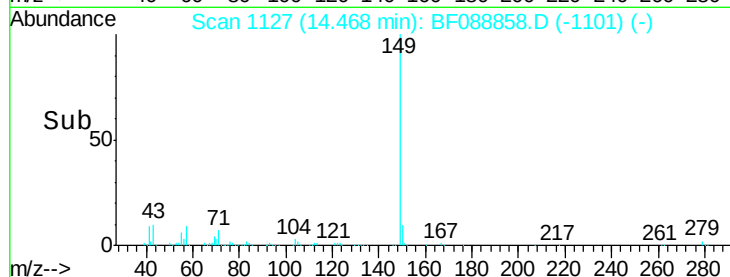
43 9.1 0.0 0.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 55.35 ng

RT: 16.55 min Scan# 1309

Delta R.T. 0.00 min

Lab File: BF088858.D

Acq: 9 Jul 2016 7:33

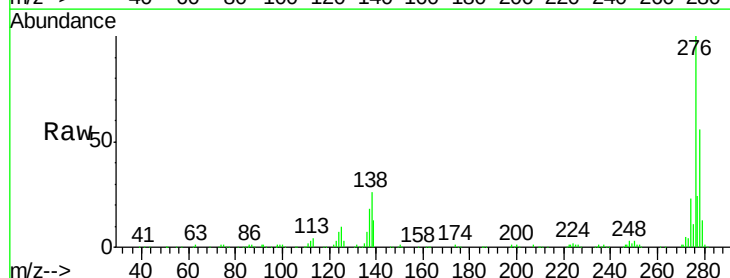
Tgt Ion:276 Resp: 443181

Ion Ratio Lower Upper

276 100

138 27.0 0.0 0.0#

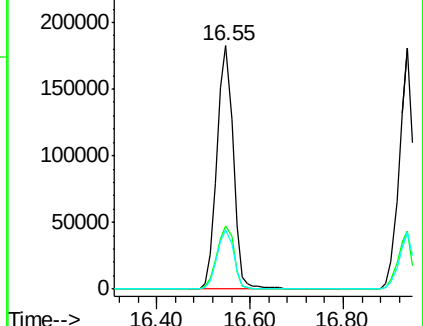
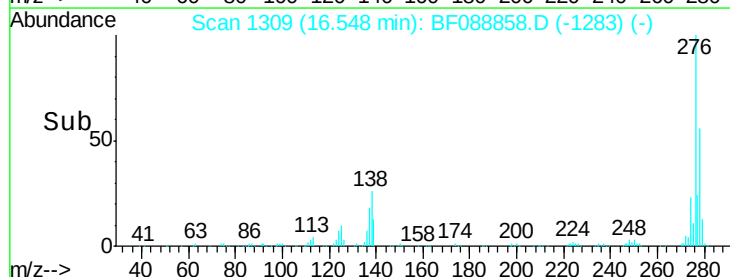
277 25.0 0.0 0.0#

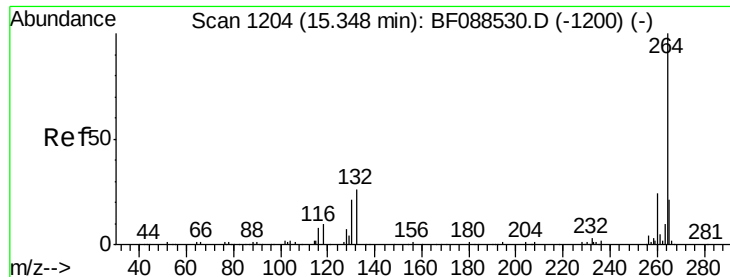


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

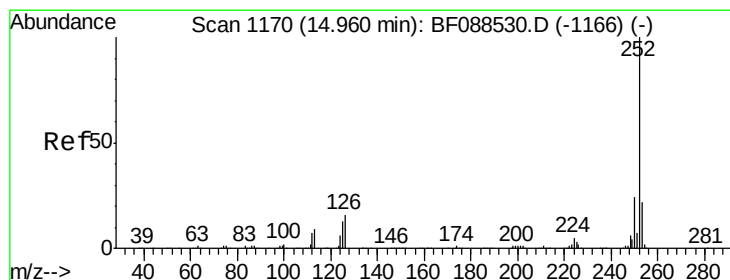
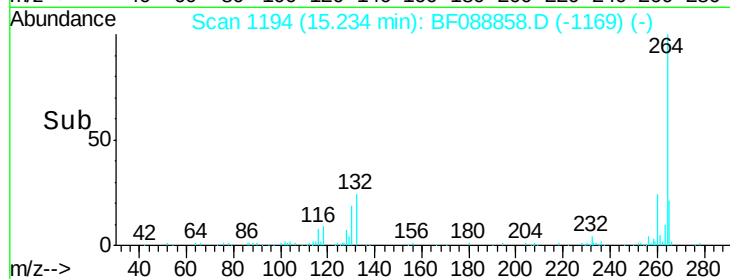
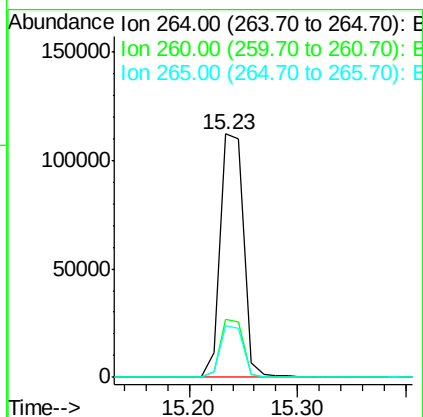
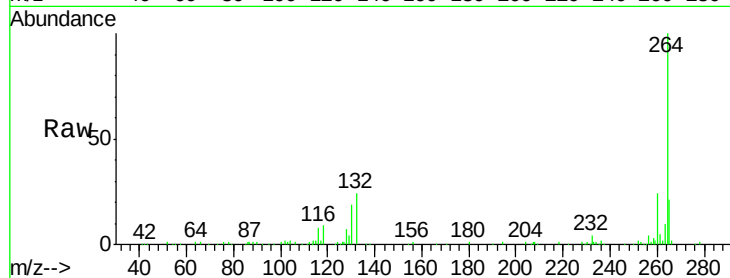




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.23 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF088858.D
 Acq: 9 Jul 2016 7:33

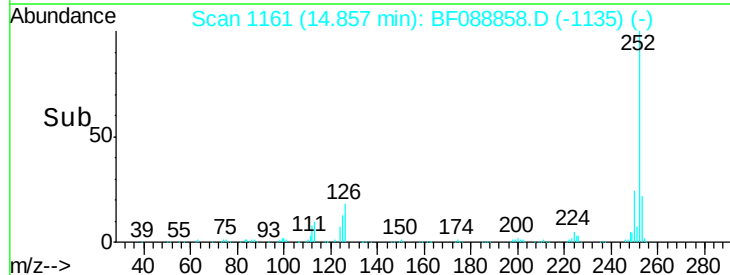
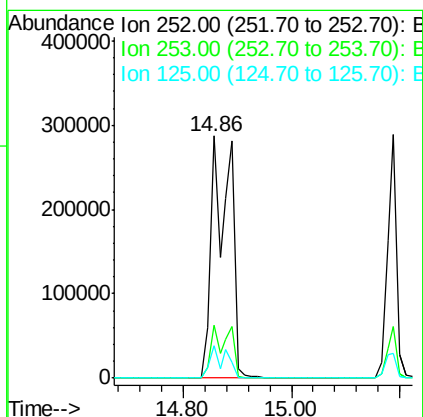
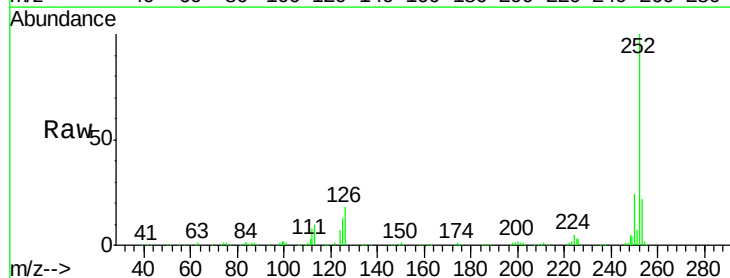
Instrument :
 BNA_F
 ClientSampled :
 PB91940BS

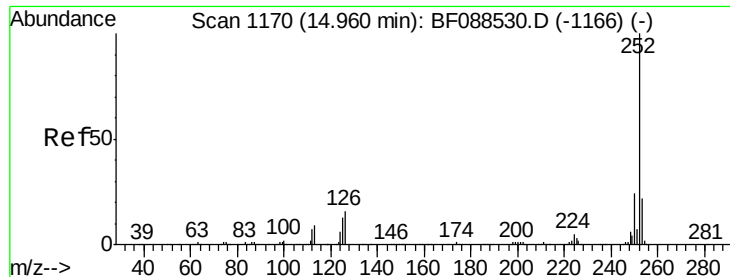
Tgt Ion: 264 Resp: 167455
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.3 16.9 25.3



#87
 Benzo(b)fluoranthene
 Concen: 66.08 ng
 RT: 14.86 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BF088858.D
 Acq: 9 Jul 2016 7:33

Tgt Ion: 252 Resp: 694119
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.4 26.2
 125 13.3 7.1 10.7#

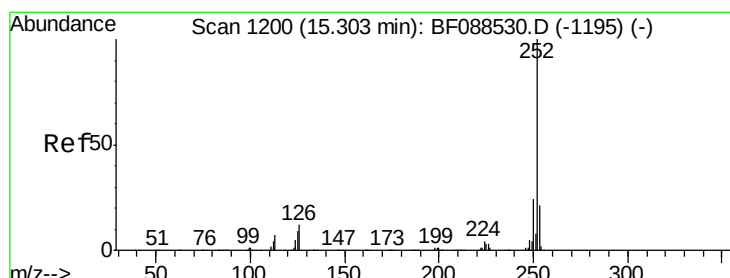
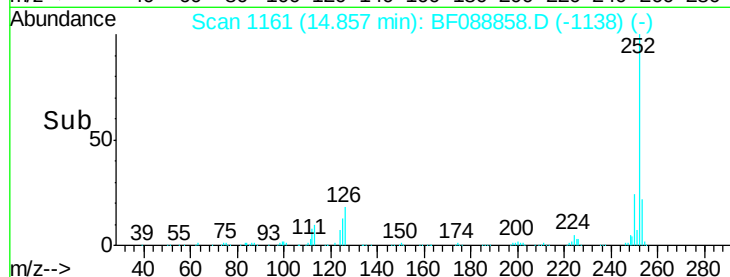
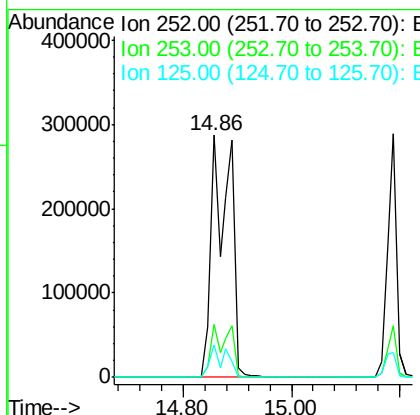
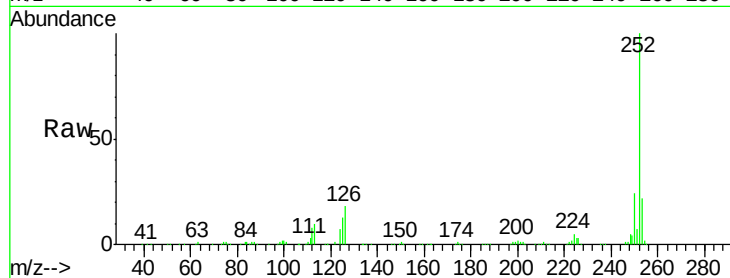




#88
Benzo(k)fluoranthene
Concen: 75.90 ng
RT: 14.86 min Scan# 1161
Delta R.T. -0.03 min
Lab File: BF088858.D
Acq: 9 Jul 2016 7:33

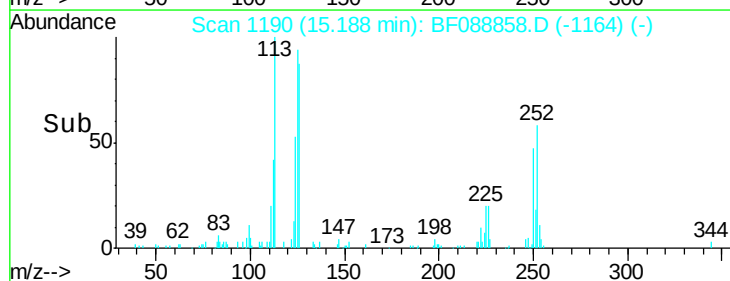
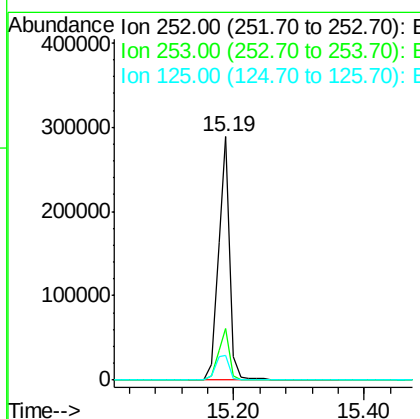
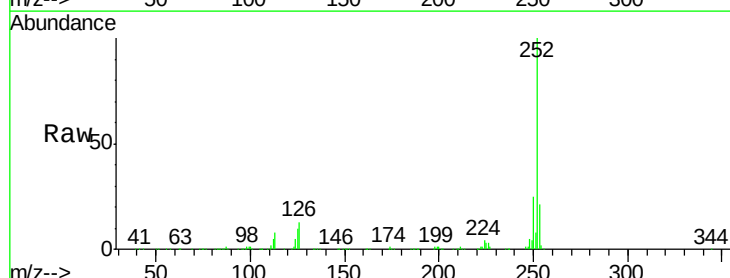
Instrument :
BNA_F
ClientSampleId :
PB91940BS

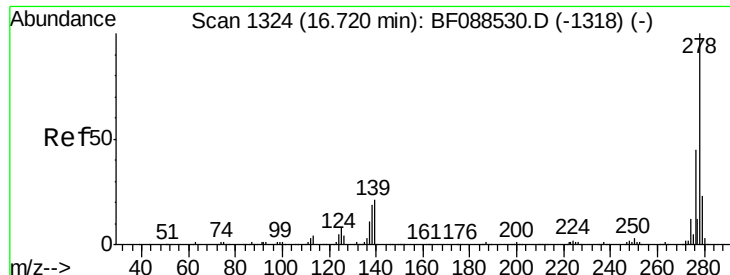
Tgt Ion:252 Resp: 694119
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 13.3 11.2 16.8



#89
Benzo(a)pyrene
Concen: 39.58 ng
RT: 15.19 min Scan# 1190
Delta R.T. 0.00 min
Lab File: BF088858.D
Acq: 9 Jul 2016 7:33

Tgt Ion:252 Resp: 352012
Ion Ratio Lower Upper
252 100
253 21.4 17.9 26.9
125 10.2 12.5 18.7#



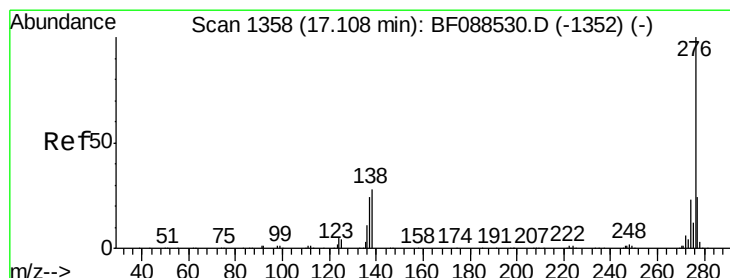
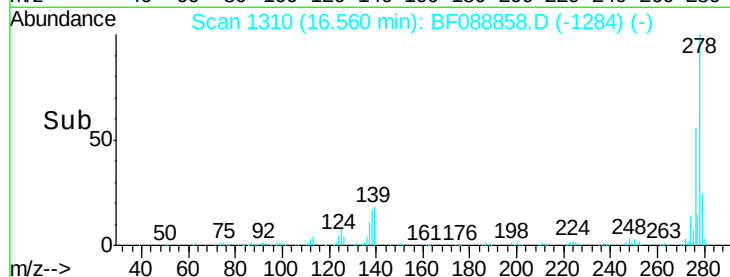
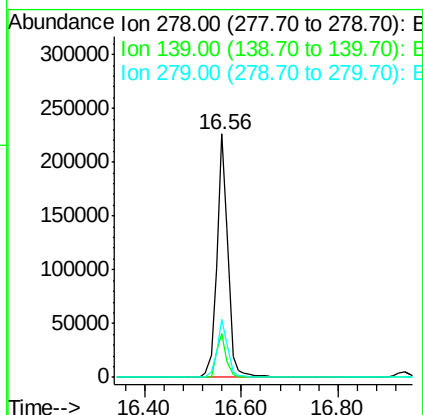
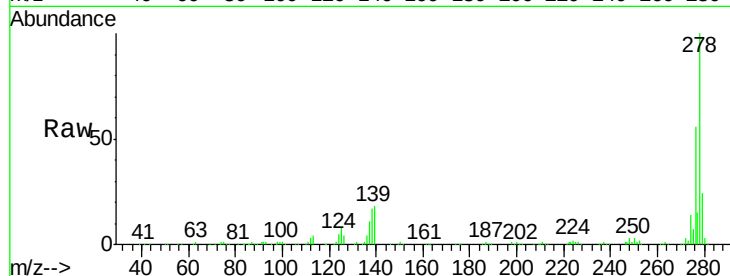


#90
Dibenzo(a,h)anthracene
Concen: 49.32 ng
RT: 16.56 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BF088858.D
Acq: 9 Jul 2016 7:33

Instrument :
BNA_F
ClientSampleId :
PB91940BS

Tgt Ion:278 Resp: 366314

Ion	Ratio	Lower	Upper
278	100		
139	17.8	15.7	23.5
279	24.0	19.4	29.2



#91
Benzo(g,h,i)perylene
Concen: 48.82 ng
RT: 16.94 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF088858.D
Acq: 9 Jul 2016 7:33

Tgt Ion:276 Resp: 375215

Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.9	28.3
138	23.8	21.4	32.2

