

Data Path : V:\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 01:00:30 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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	R.T.	QIon	Response	Conc	Units	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	6.67	146	246120m	35.98	ng	
13) 1,4-Dichlorobenzene	6.74	146	237936	35.04	ng	93
14) 1,2-Dichlorobenzene	6.90	146	239224m	37.64	ng	
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	58085m	36.78	ng	
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

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.05	196	134694	43.03	nq	# 95
45) 1,1'-Biphenyl	9.19	154	488193	35.54	nq	98
46) 2-Chloronaphthalene	9.21	162	376694	34.93	nq	96
47) 2-Nitroaniline	9.31	65	141572	36.99	nq	88
48) Acenaphthylene	9.63	152	647263	37.72	nq	98
49) Dimethylphthalate	9.50	163	439249	37.16	nq	100
50) 2,6-Dinitrotoluene	9.55	165	94930	36.24	nq	# 47
51) Acenaphthene	9.80	154	414644	39.42	nq	99
52) 3-Nitroaniline	9.71	138	51925	15.59	nq	# 79
53) 2,4-Dinitrophenol	9.83	184	60282	52.12	nq	90
54) Dibenzofuran	9.98	168	572936	41.61	nq	96
55) 4-Nitrophenol	9.90	139	167168	66.06	nq	93
56) 2,4-Dinitrotoluene	9.95	165	137062	40.02	nq	# 43
57) Fluorene	10.31	166	378934	35.71	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.09	232	105560	43.59	nq	# 49
59) Diethylphthalate	10.19	149	447598	37.73	nq	97
60) 4-Chlorophenyl-phenylether	10.31	204	197851	40.13	nq	99
61) 4-Nitroaniline	10.33	138	91169	28.45	nq	82
62) Azobenzene	10.47	77	555431	41.05	nq	97
64) 4,6-Dinitro-2-methylphenol	10.36	198	54759	33.46	nq	# 78
65) n-Nitrosodiphenylamine	10.42	169	369732	35.70	nq	99
66) 4-Bromophenyl-phenylether	10.80	248	119519	38.76	nq	# 89
67) Hexachlorobenzene	10.86	284	126117	36.95	nq	96
68) Atrazine	10.96	200	134039	41.54	nq	94
69) Pentachlorophenol	11.05	266	121038	59.92	nq	97
70) Phenanthrene	11.27	178	649144	38.81	nq	99
71) Anthracene	11.31	178	574603	34.55	nq	100
72) Carbazole	11.47	167	599726	38.32	nq	100
73) Di-n-butylphthalate	11.82	149	761830	41.84	nq	98
74) Fluoranthene	12.45	202	584577	34.48	nq	99
76) Benzidine	12.57	184	213934	25.91	nq	98
77) Pyrene	12.67	202	616127	44.48	nq	99
79) Butylbenzylphthalate	13.30	149	286898	46.44	nq	90
80) Benzo(a)anthracene	13.85	228	395840	37.63	nq	99
81) 3,3'-Dichlorobenzidine	13.82	252	80780	20.43	nq	# 95
82) Chrysene	13.90	228	388814	37.36	nq	97
83) Bis(2-ethylhexyl)phthalate	13.86	149	325535	46.15	nq	98
84) Di-n-octyl phthalate	14.47	149	483155	40.32	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.55	276	443181	55.35	nq	# 100
87) Benzo(b)fluoranthene	14.86	252	335982m	31.98	nq	
88) Benzo(k)fluoranthene	14.89	252	353004m	38.60	nq	
89) Benzo(a)pyrene	15.19	252	352012	39.58	nq	# 94
90) Dibenzo(a,h)anthracene	16.56	278	366314	49.32	nq	98
91) Benzo(g,h,i)perylene	16.94	276	375215	48.82	nq	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

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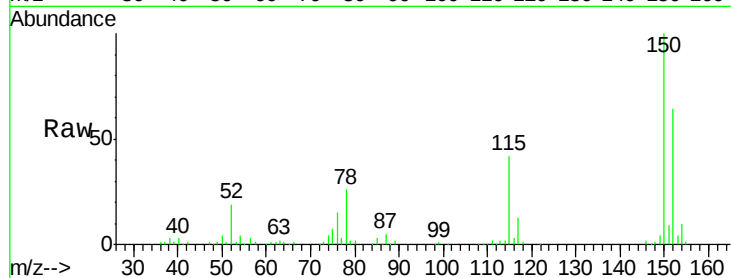
Tot Ion:152 Resp: 86682

Ion Ratio Lower Upper

152 100

150 155.4 123.8 185.6

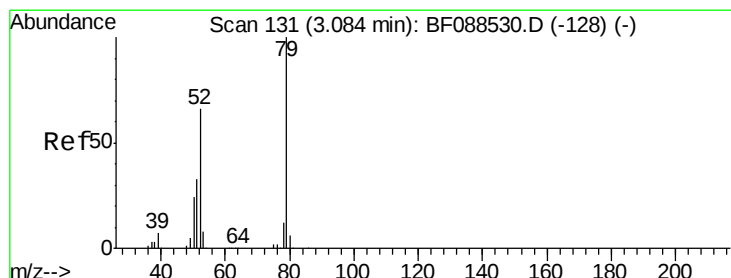
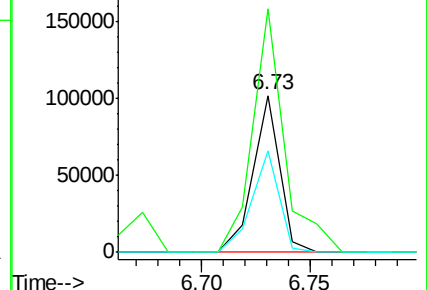
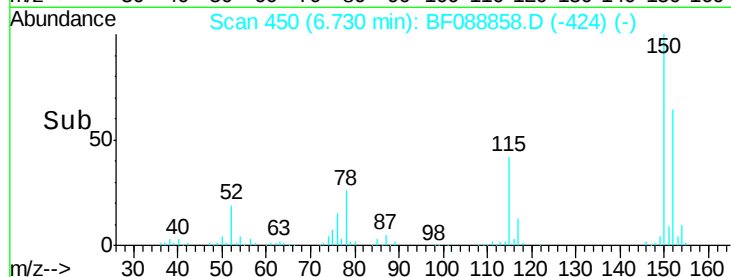
115 64.8 39.6 59.4#



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

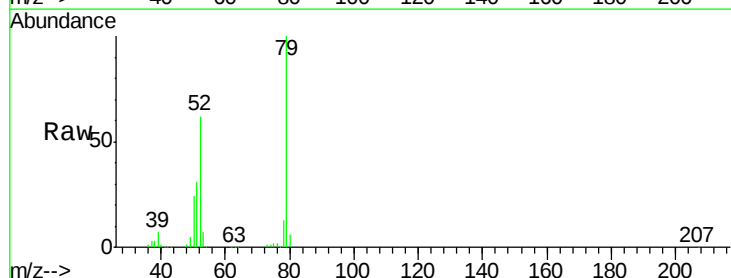
Tgt Ion: 79 Resp: 226236

Ion Ratio Lower Upper

79 100

52 61.8 56.3 84.5

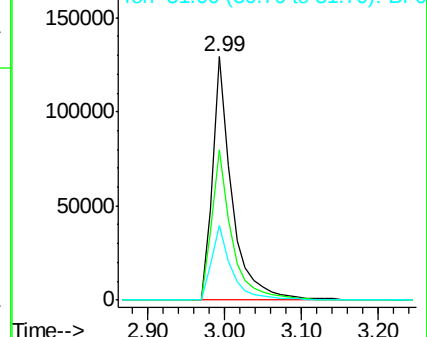
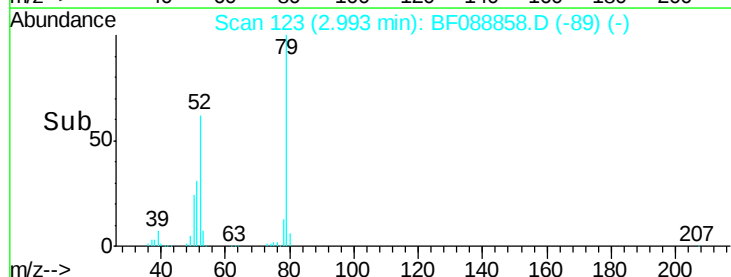
51 30.7 27.4 41.2

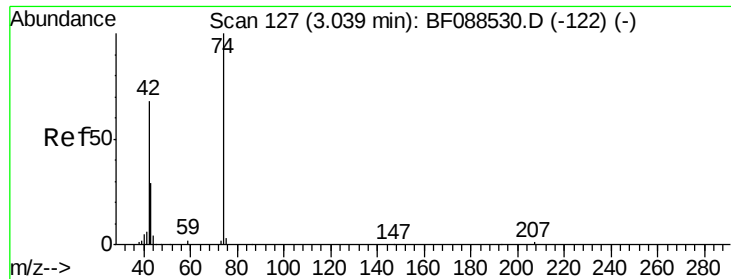


Abundance Ion 79.00 (78.70 to 79.70): BF0

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 :

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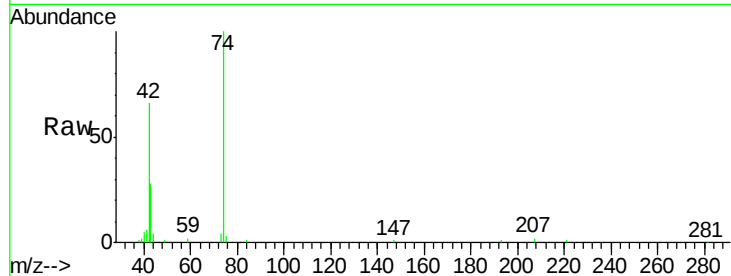
Tot Ion: 42 Resp: 93595

Ion Ratio Lower Upper

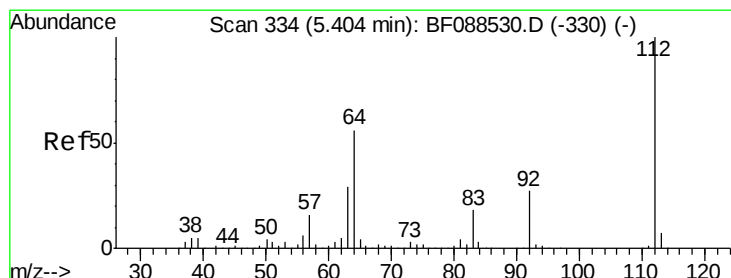
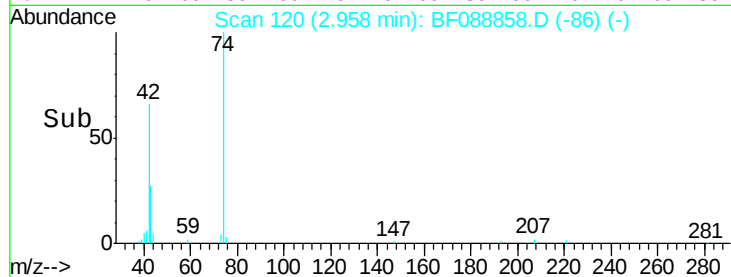
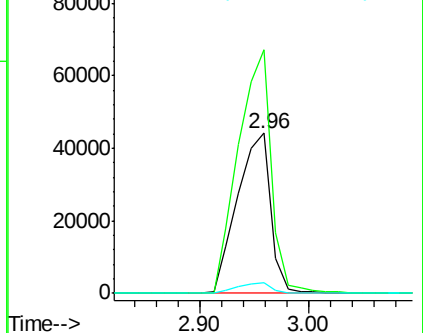
42 100

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

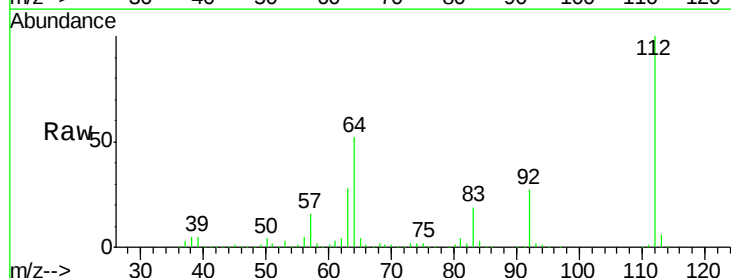
Tgt Ion: 112 Resp: 620650

Ion Ratio Lower Upper

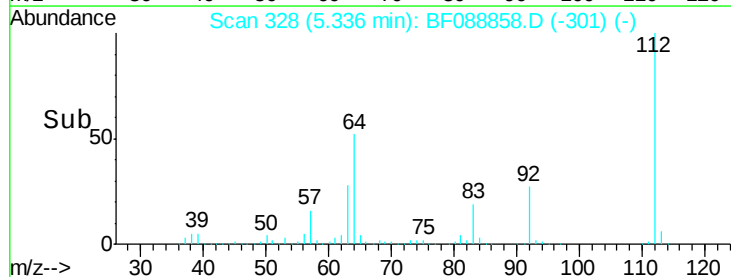
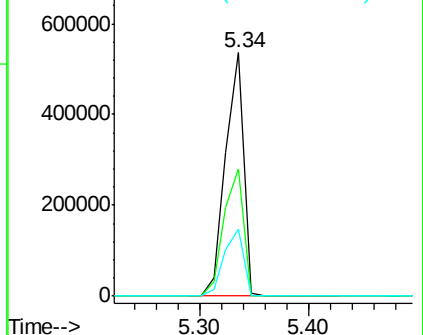
112 100

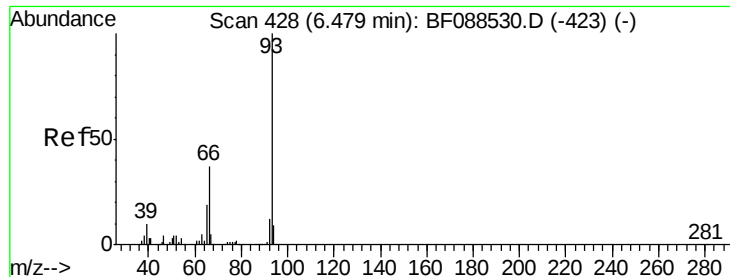
64 52.2 42.2 63.2

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

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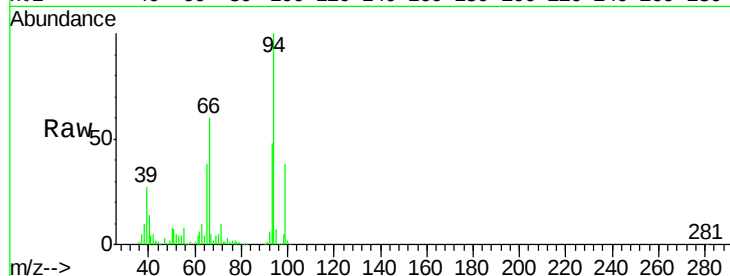
Tot Ion: 93 Resp: 199892

Ion Ratio Lower Upper

93 100

66 124.8 29.8 44.8#

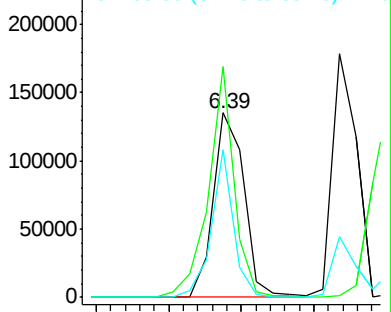
65 79.7 14.9 22.3#



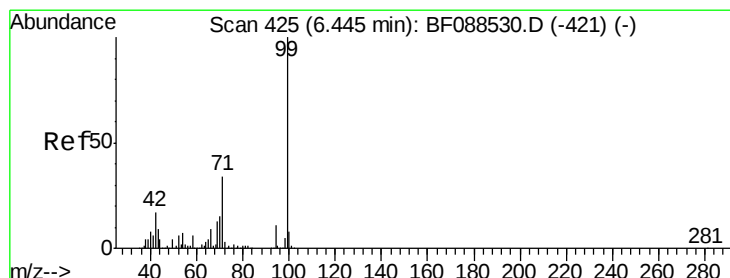
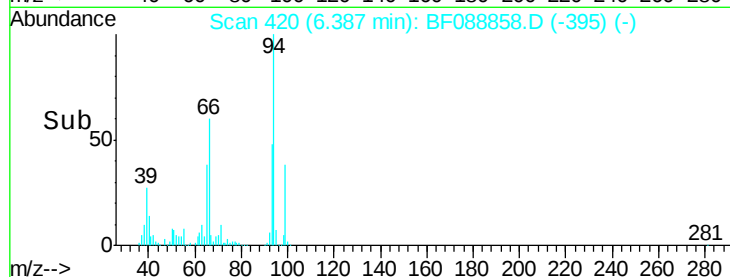
Abundance Ion 93.00 (92.70 to 93.70): BF0

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

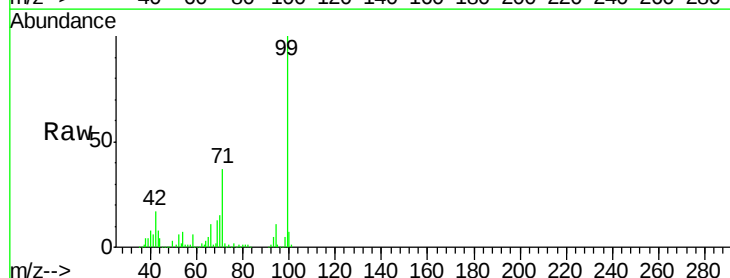
Tgt Ion: 99 Resp: 708095

Ion Ratio Lower Upper

99 100

42 16.9 12.2 18.2

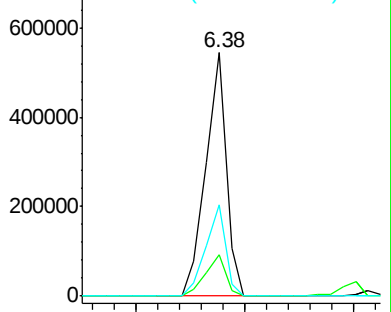
71 37.3 23.4 35.0#



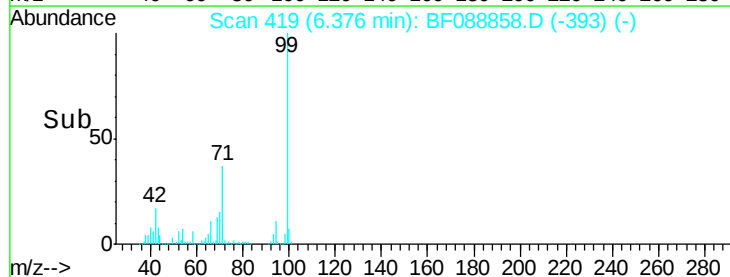
Abundance Ion 99.00 (98.70 to 99.70): BF0

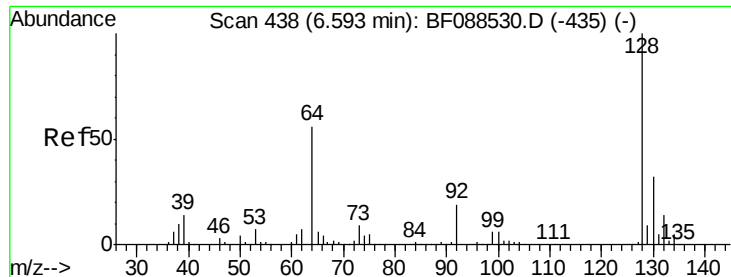
Ion 42.00 (41.70 to 42.70): BF0

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

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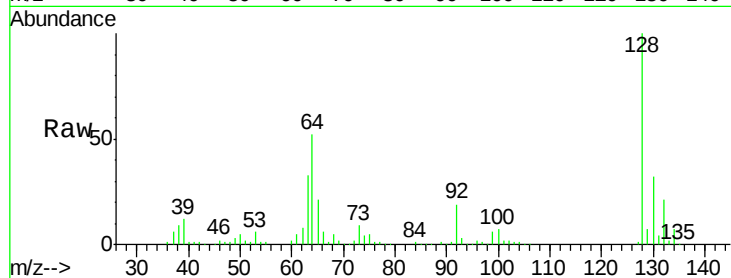
Tot Ion:128 Resp: 217004

Ion Ratio Lower Upper

128 100

130 31.9 12.0 52.0

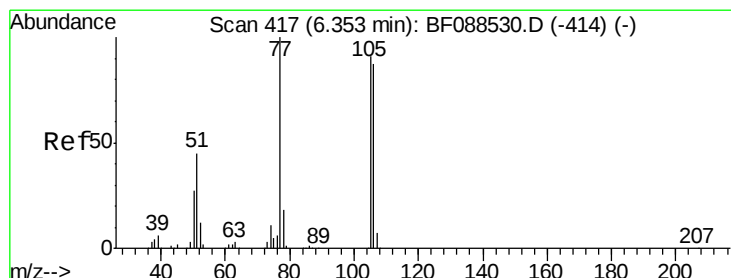
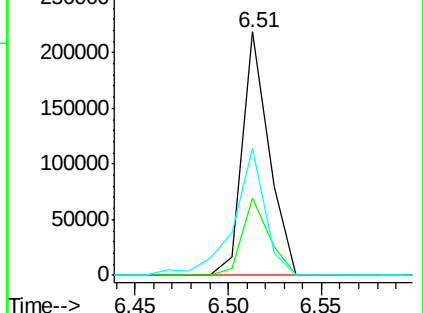
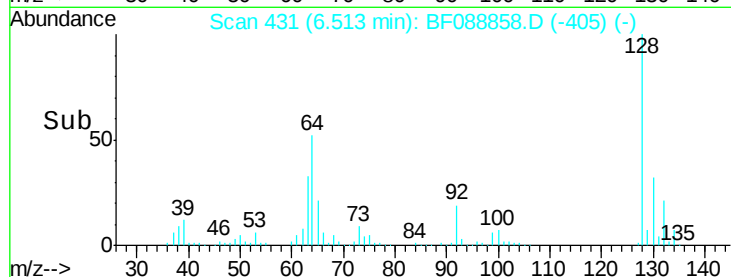
64 52.3 30.8 70.8



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

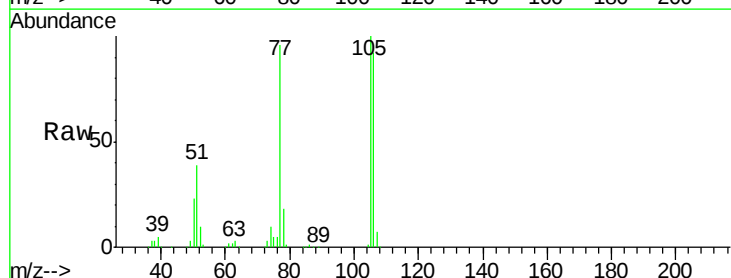
Tgt Ion: 77 Resp: 167656

Ion Ratio Lower Upper

77 100

105 104.0 90.6 130.6

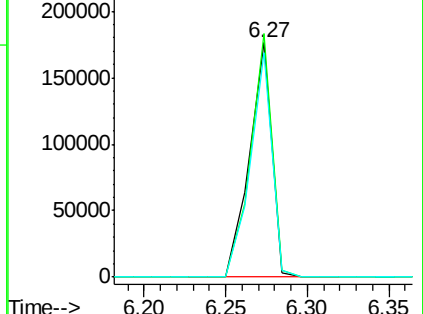
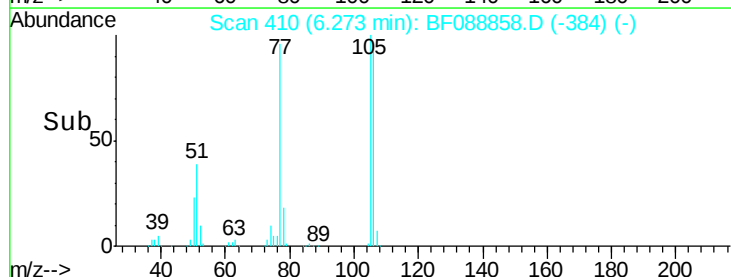
106 96.0 85.3 125.3

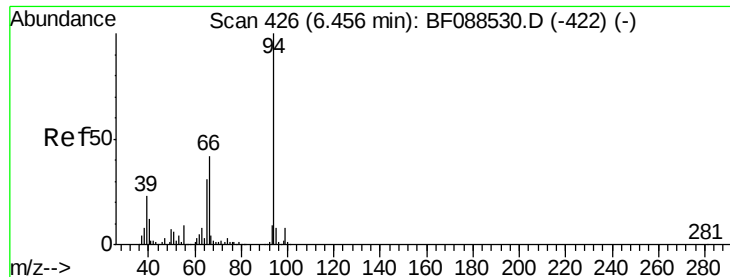


Abundance Ion 77.00 (76.70 to 77.70): BF0

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

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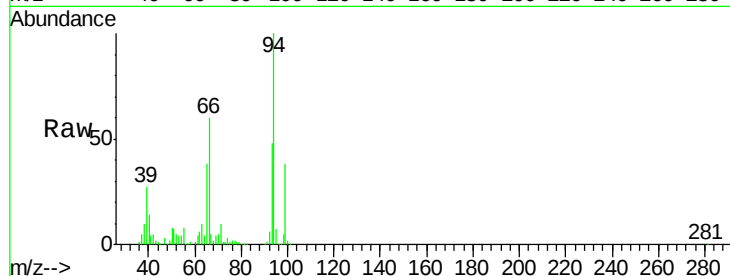
Tot Ion: 94 Resp: 256696

Ion Ratio Lower Upper

94 100

65 38.2 5.9 45.9

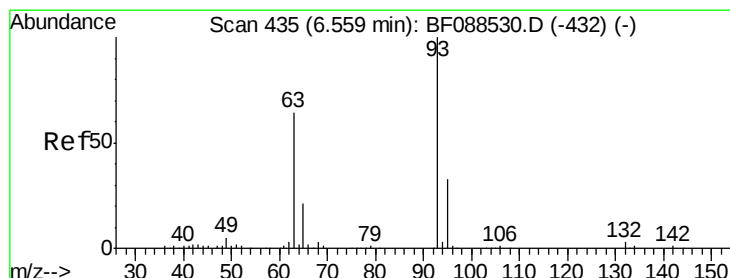
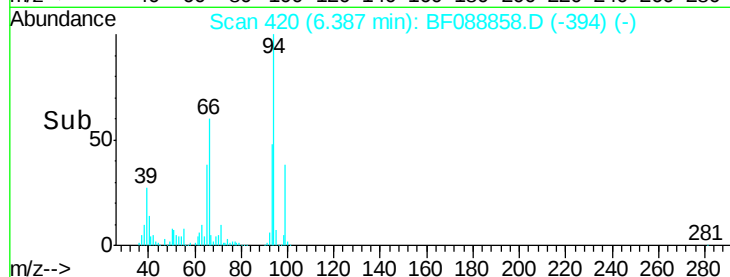
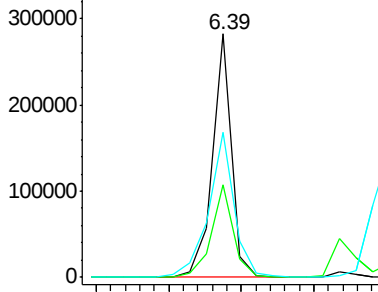
66 59.8 14.0 54.0#



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

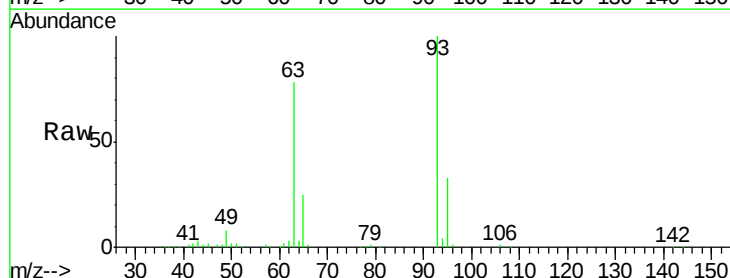
Tgt Ion: 93 Resp: 204604

Ion Ratio Lower Upper

93 100

63 77.5 67.6 107.6

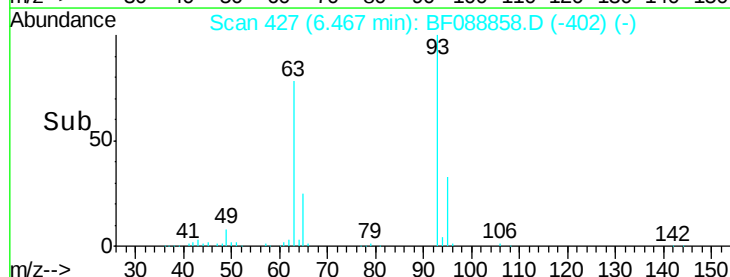
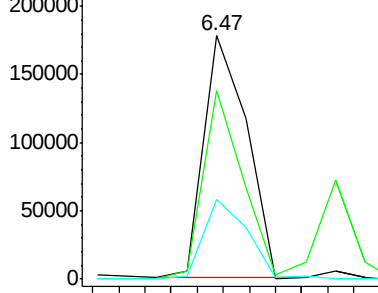
95 32.6 12.5 52.5

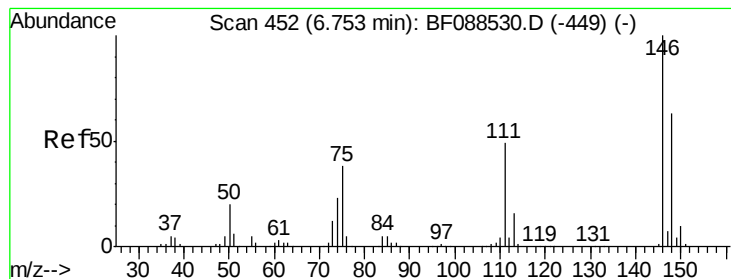


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0





#12

1,3-Dichlorobenzene

Concen: 35.98 ng/mL

RT: 6.67 min Scan# 445

Delta R.T. 0.00 min

Lab File: BF088858.D

Acq: 9 Jul 2016 7:33

Instrument :

BNA_F

ClientSampleID :

PB91940BS

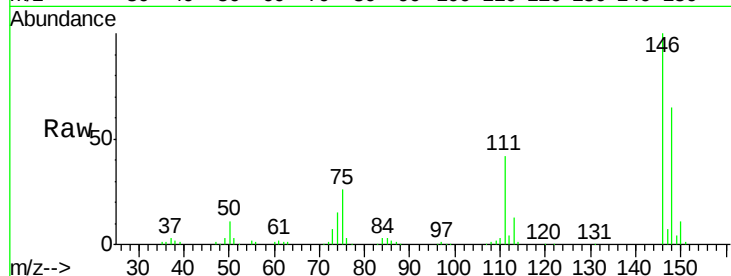
Tot Ion:146 Resp: 246120

Ion Ratio Lower Upper

146 100

148 65.3 50.9 76.3

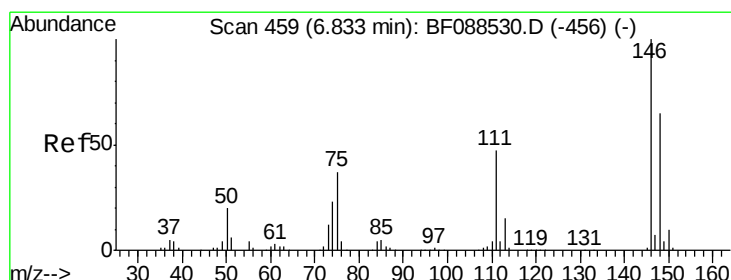
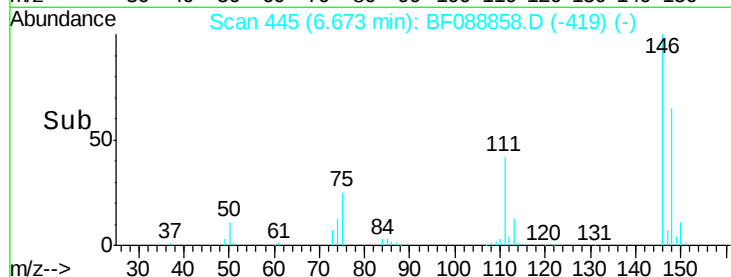
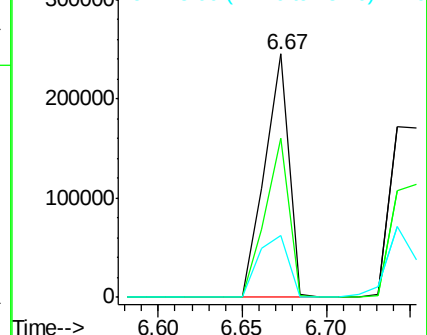
75 25.5 25.6 38.4#



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/mL

RT: 6.74 min Scan# 451

Delta R.T. -0.01 min

Lab File: BF088858.D

Acq: 9 Jul 2016 7:33

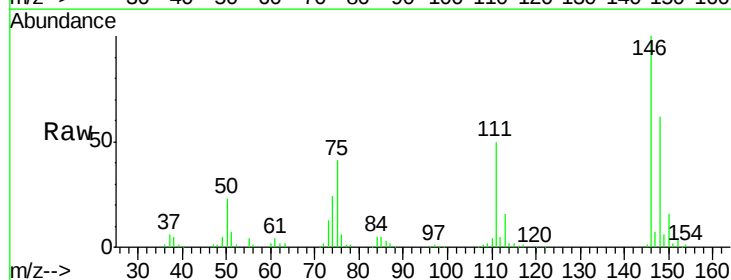
Tgt Ion:146 Resp: 237936

Ion Ratio Lower Upper

146 100

148 62.1 52.0 78.0

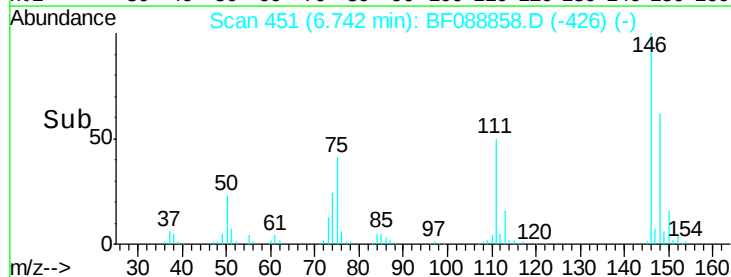
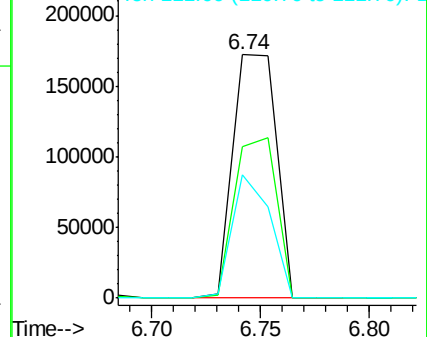
111 50.4 33.8 50.8

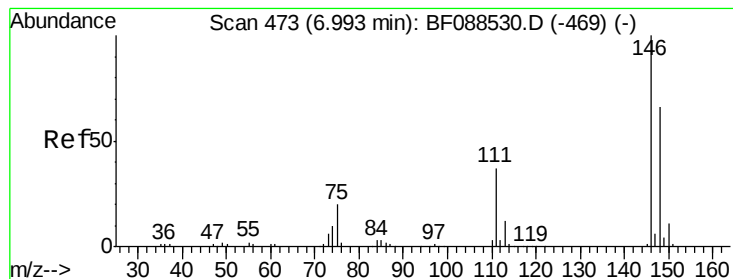


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 37.64 ng/mL

RT: 6.90 min Scan# 465

Delta R.T. 0.00 min

Lab File: BF088858.D

Acq: 9 Jul 2016 7:33

Instrument :

BNA_F

ClientSampleID :

PB91940BS

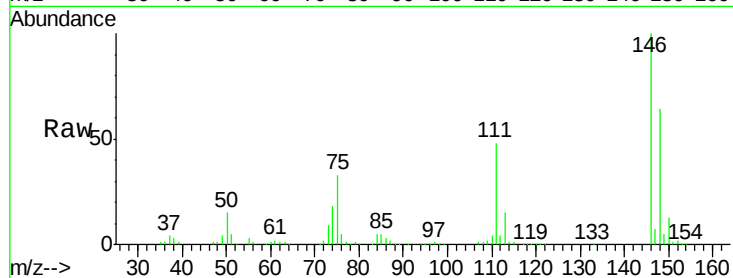
Tot Ion:146 Resp: 239224

Ion Ratio Lower Upper

146 100

148 63.8 52.3 78.5

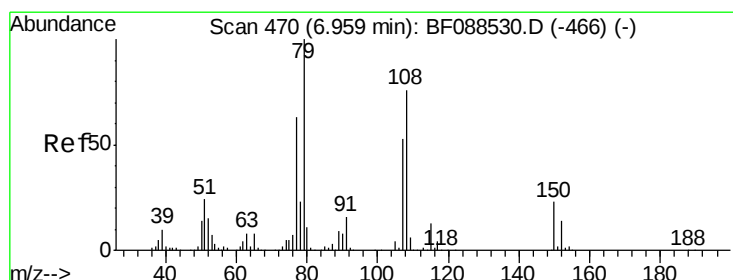
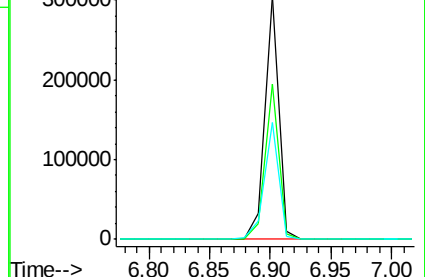
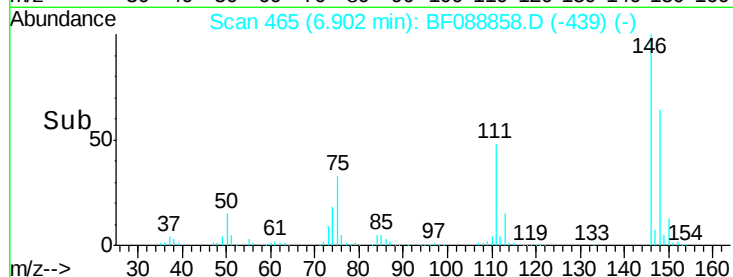
111 48.1 28.7 43.1#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 37.75 ng/mL

RT: 6.88 min Scan# 463

Delta R.T. 0.00 min

Lab File: BF088858.D

Acq: 9 Jul 2016 7:33

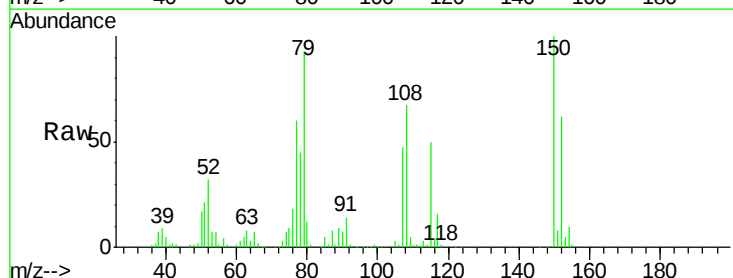
Tgt Ion: 79 Resp: 207649

Ion Ratio Lower Upper

79 100

108 71.7 65.0 97.6

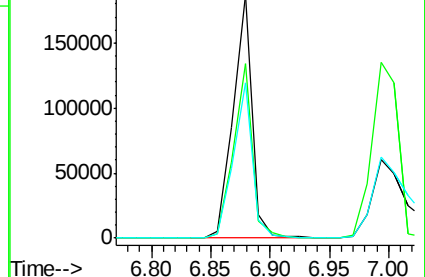
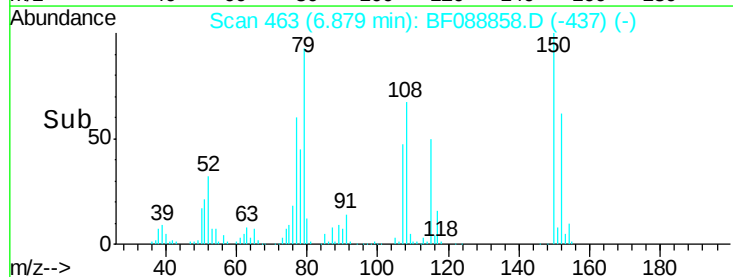
77 63.8 50.3 75.5

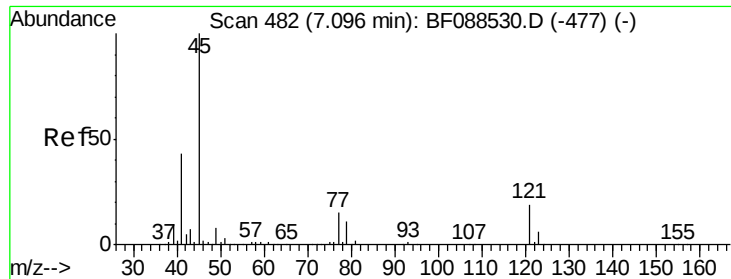


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

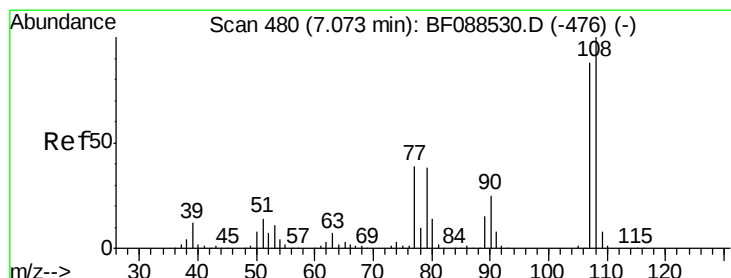
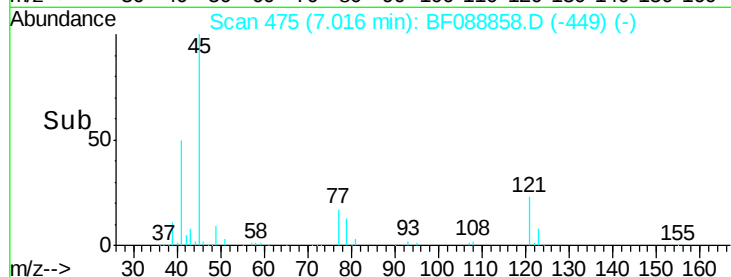
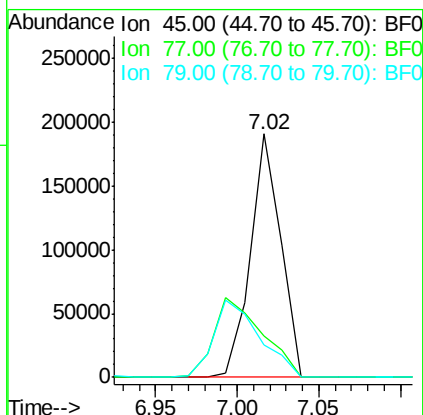
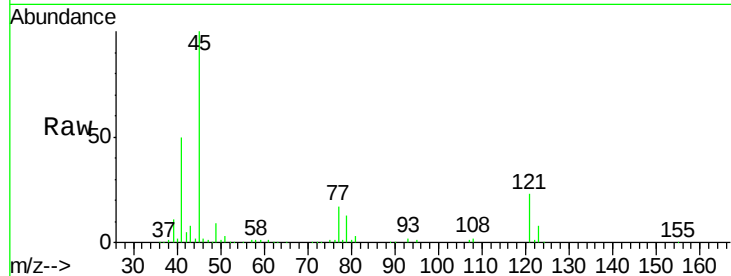




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 26.58 ng
RT: 7.02 min Scan# 475
Delta R.T. 0.00 min
Lab File: BF088858.D
Acq: 9 Jul 2016 7:33

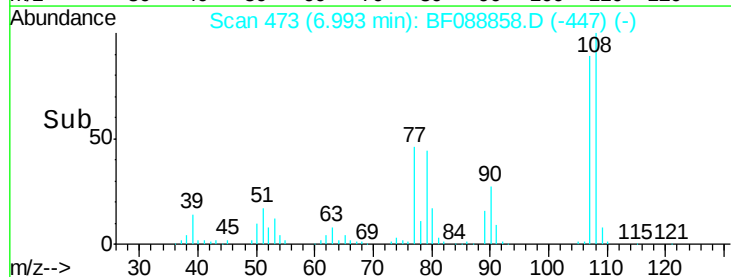
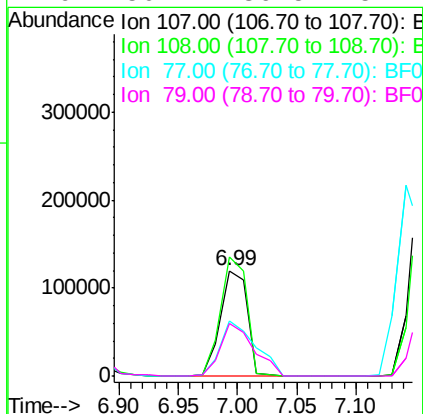
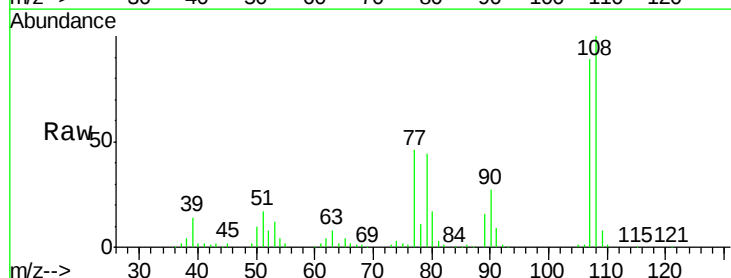
Instrument :
BNA_F
ClientSampleId :
PB91940BS

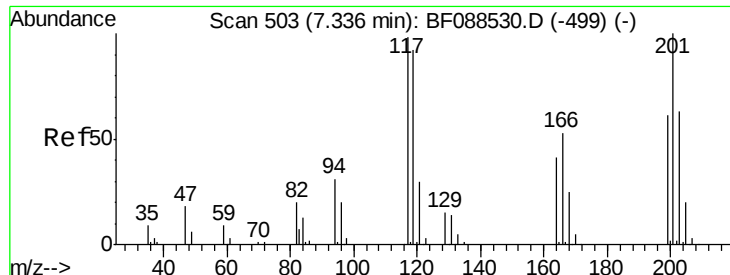
Tot Ion	Ratio	Lower	Upper
45	100		
77	17.1	0.0	32.5
79	13.1	0.0	29.5



#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	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

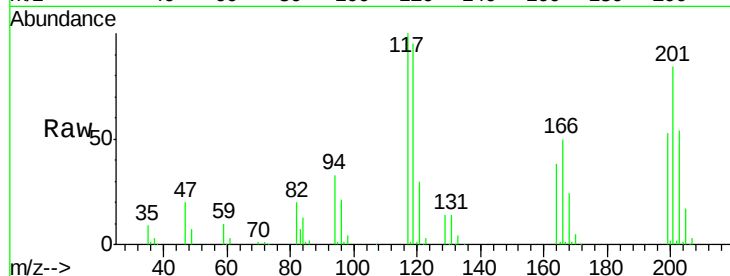




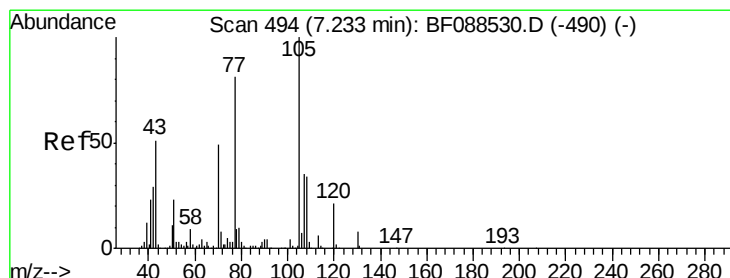
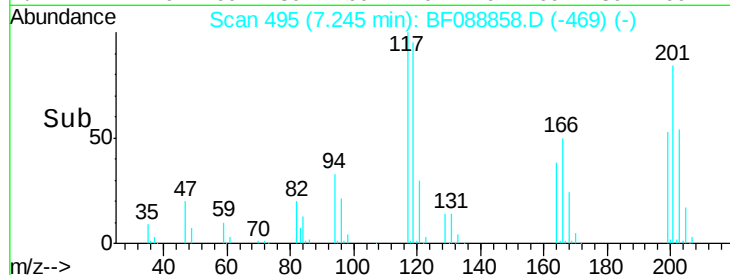
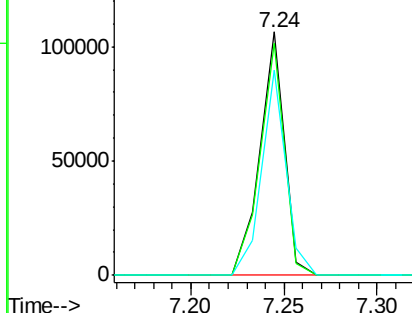
#18
Hexachloroethane
Concen: 36.55 ng
RT: 7.24 min Scan# 495
Delta R.T. 0.00 min
Lab File: BF088858.D
Acq: 9 Jul 2016 7:33

Instrument :
BNA_F
ClientSampleId :
PB91940BS

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

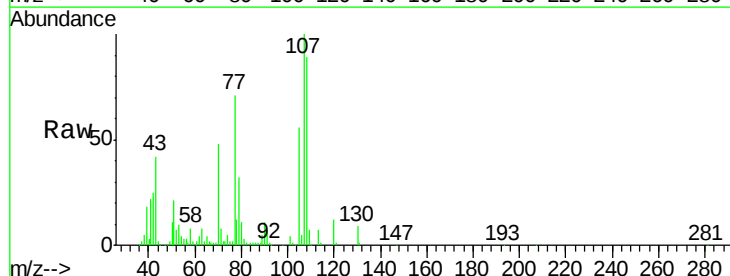


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

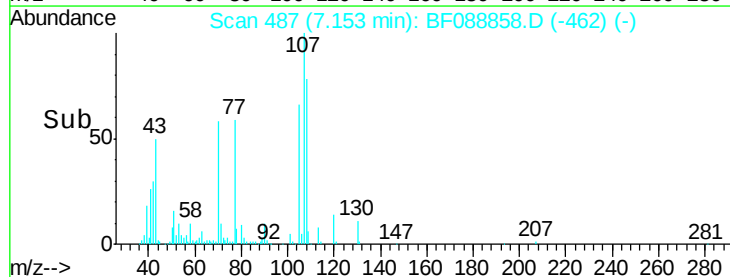
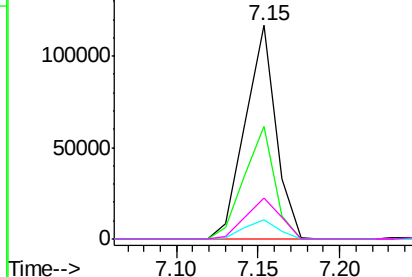


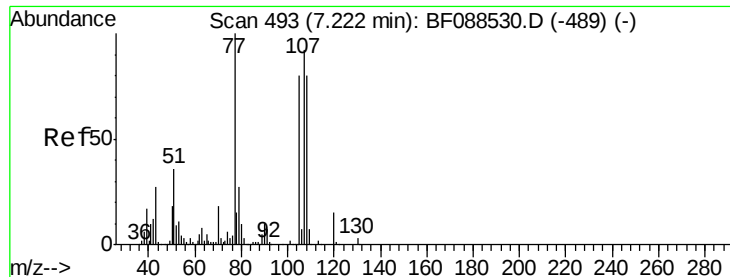
#19
n-Nitroso-di-n-propylamine
Concen: 30.26 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.01 min
Lab File: BF088858.D
Acq: 9 Jul 2016 7:33

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

Tot Ion:107 Resp: 234219

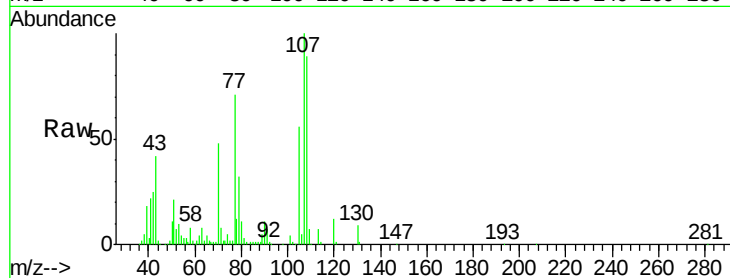
Ion Ratio Lower Upper

107 100

108 88.7 67.8 107.8

77 70.7 59.3 99.3

79 31.9 7.0 47.0

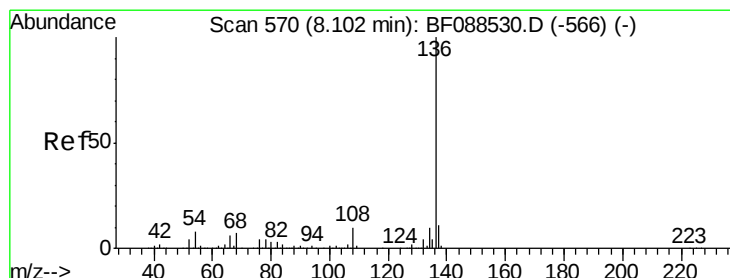
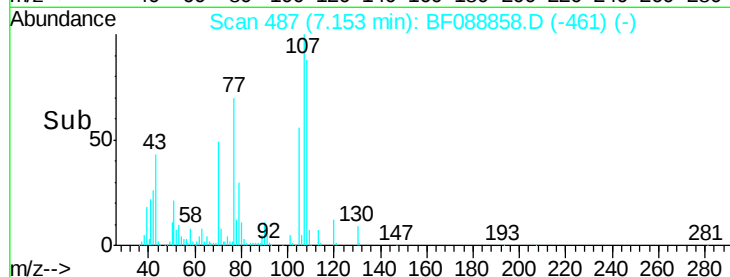
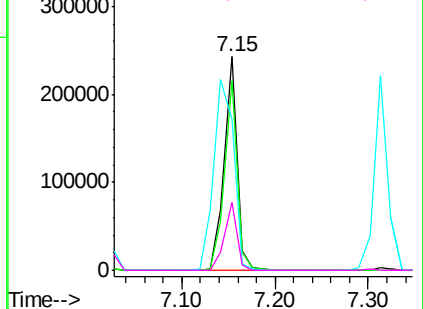


Abundance Ion 107.00 (106.70 to 107.70): E

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

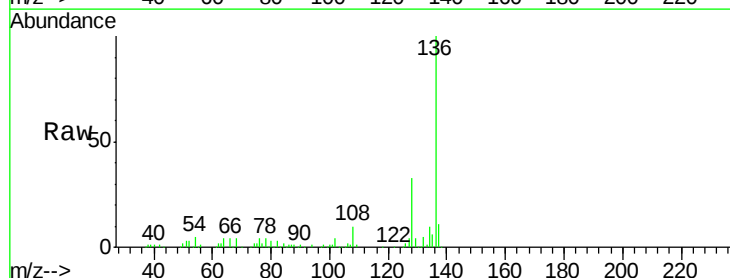
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 5.3 6.6 10.0#

68 4.5 5.1 7.7#

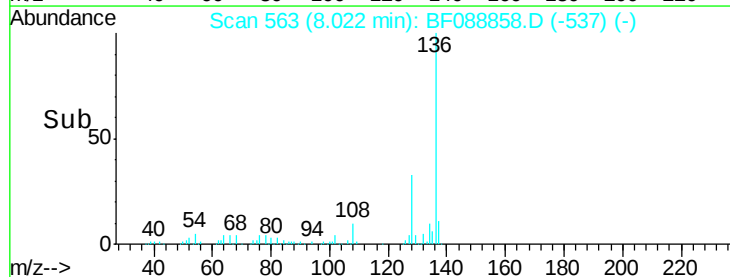
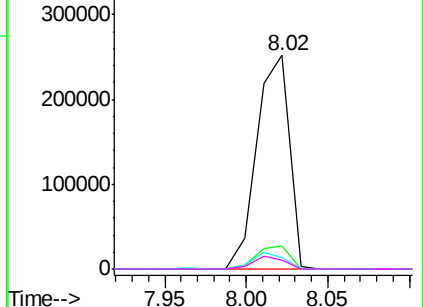


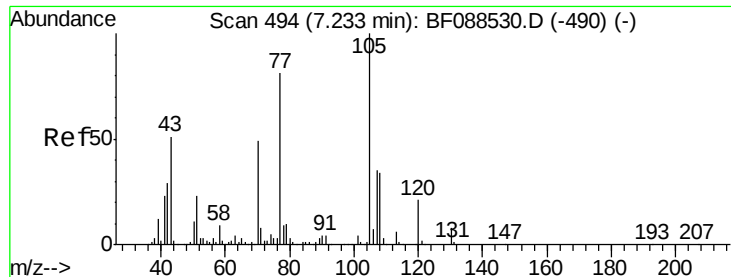
Abundance Ion 136.00 (135.70 to 136.70): E

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

Tot Ion:105 Resp: 317658

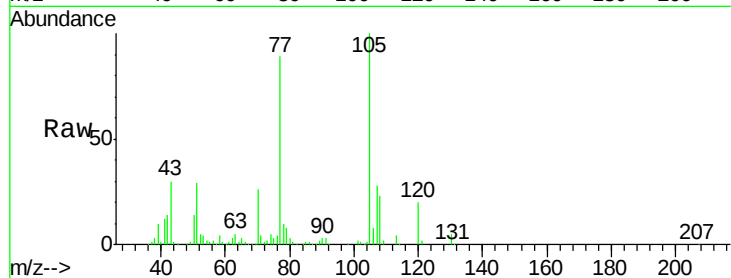
Ion Ratio Lower Upper

105 100

71 4.3 5.3 7.9#

51 28.8 18.2 27.4#

120 19.9 18.0 27.0

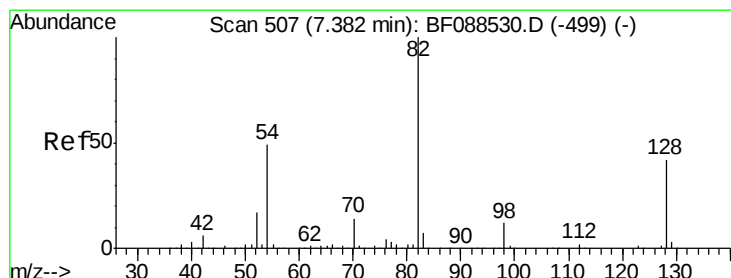
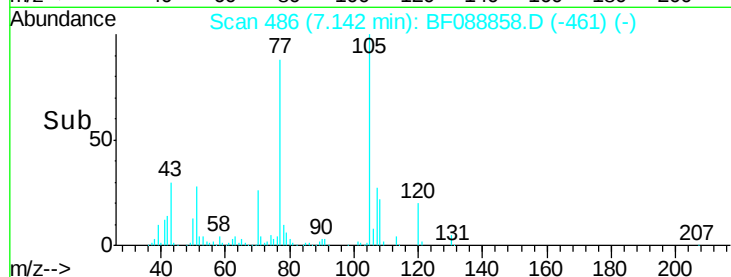
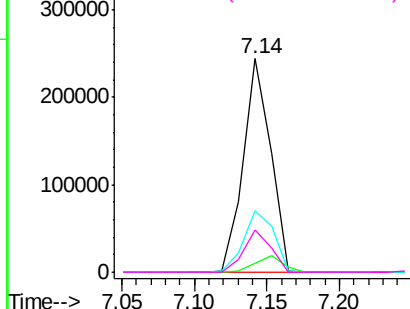


Abundance Ion 105.00 (104.70 to 105.70): E

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

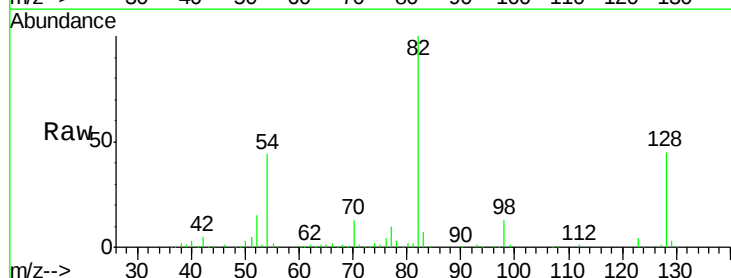
Tgt Ion: 82 Resp: 514177

Ion Ratio Lower Upper

82 100

128 45.3 35.9 53.9

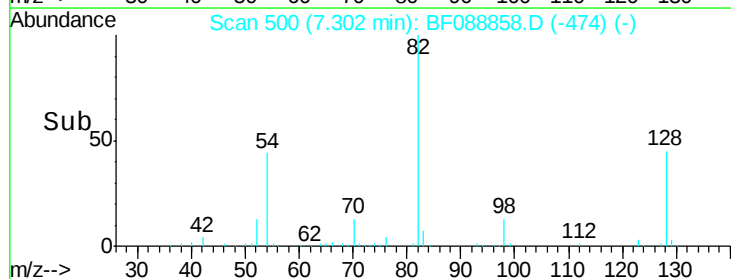
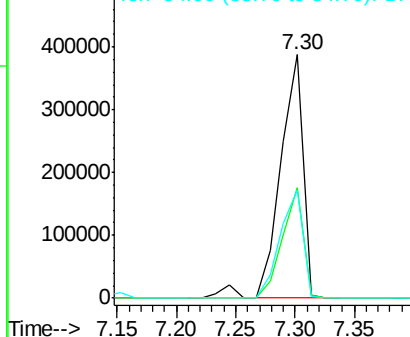
54 44.4 40.9 61.3

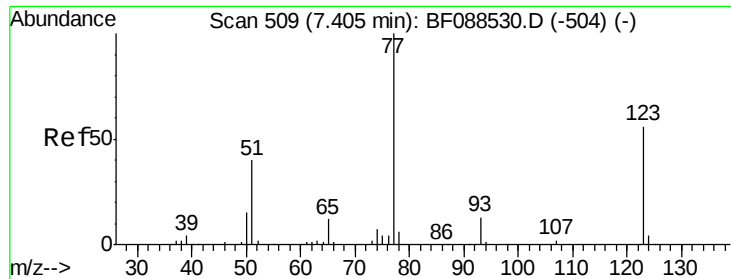


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

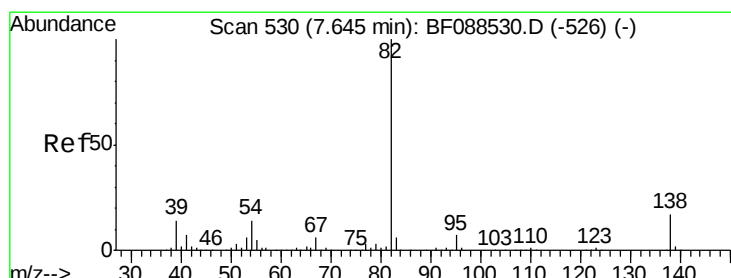
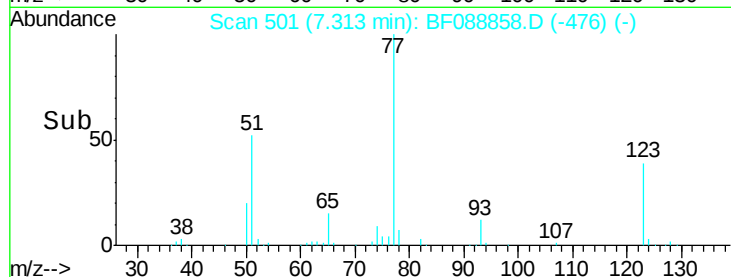
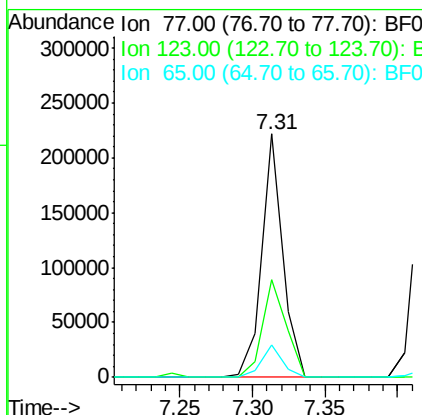
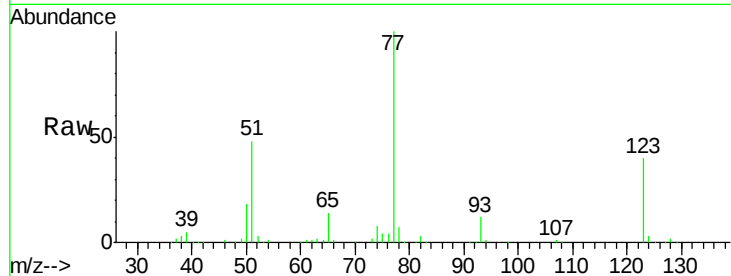




#24
 Nitrobenzene
 Concen: 33.15 ng
 RT: 7.31 min Scan# 501
 Delta R.T. -0.01 min
 Lab File: BF088858.D
 Acq: 9 Jul 2016 7:33

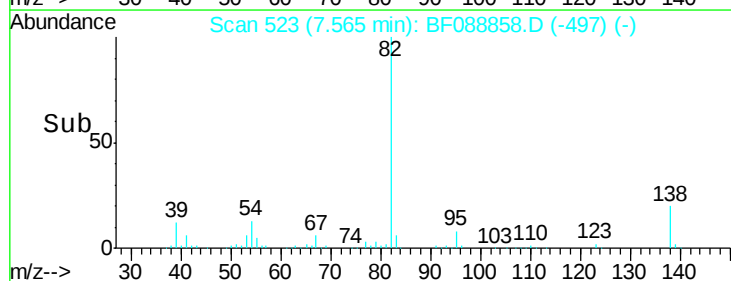
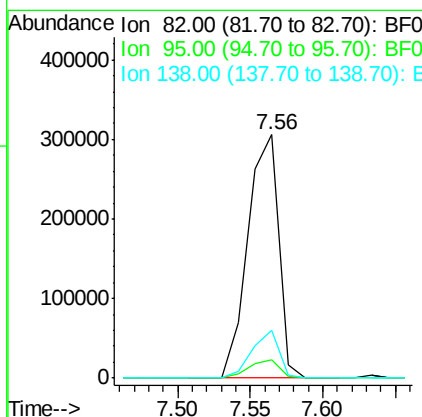
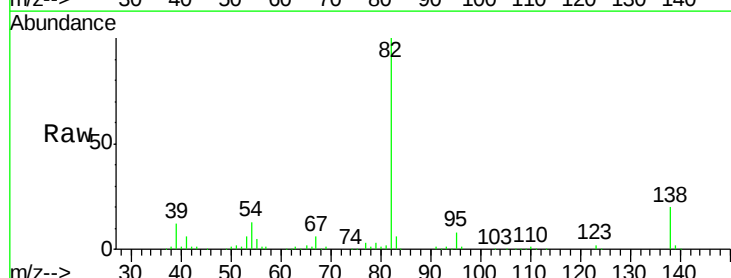
Instrument :
 BNA_F
 ClientSampleId :
 PB91940BS

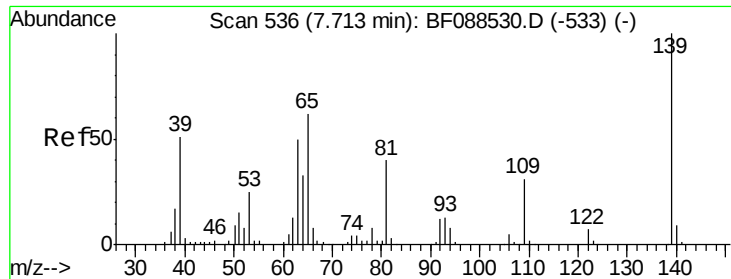
Tot Ion	Ratio	Lower	Upper
77	100		
123	40.3	45.0	67.4#
65	13.6	10.2	15.2



#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	Ratio	Lower	Upper
82	100		
95	7.5	5.4	8.2
138	19.5	14.6	21.8

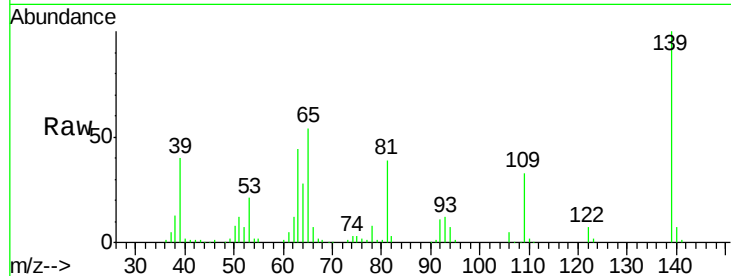




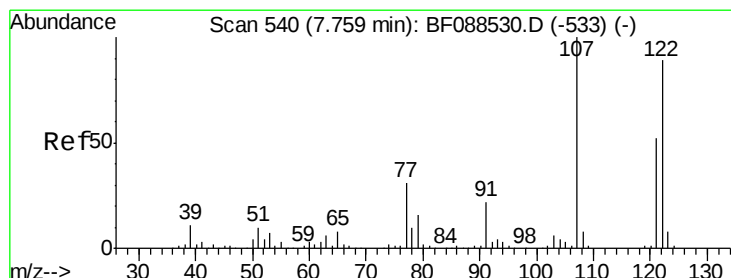
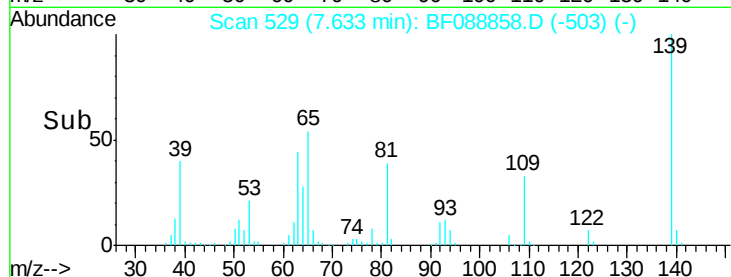
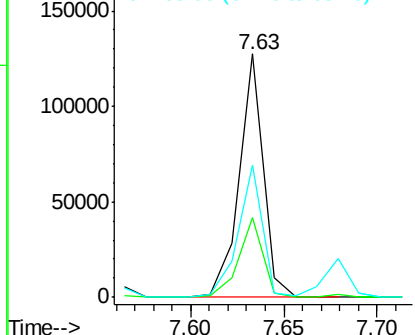
#26
2-Nitrophenol
Concen: 41.73 ng
RT: 7.63 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF088858.D
Acq: 9 Jul 2016 7:33

Instrument :
BNA_F
ClientSampleId :
PB91940BS

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

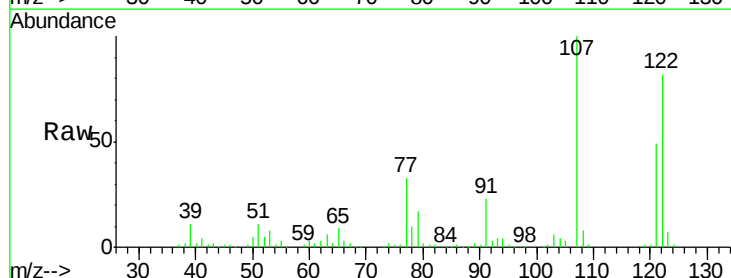


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

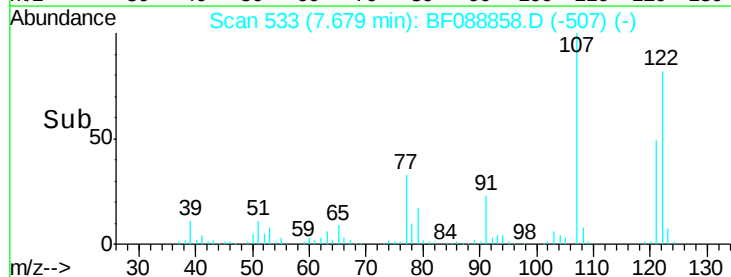
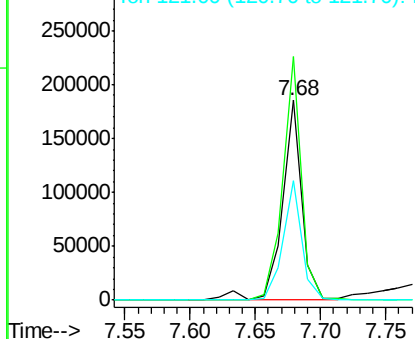


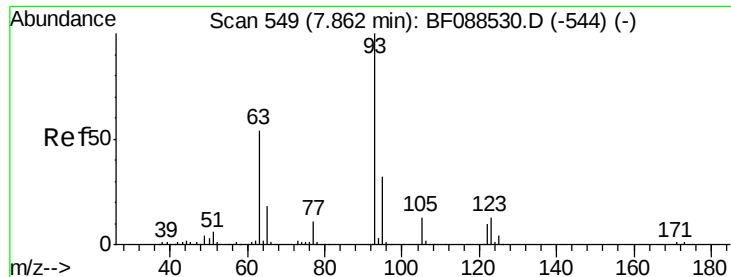
#27
2,4-Dimethylphenol
Concen: 34.15 ng
RT: 7.68 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF088858.D
Acq: 9 Jul 2016 7:33

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

ClientSampled :

PB91940BS

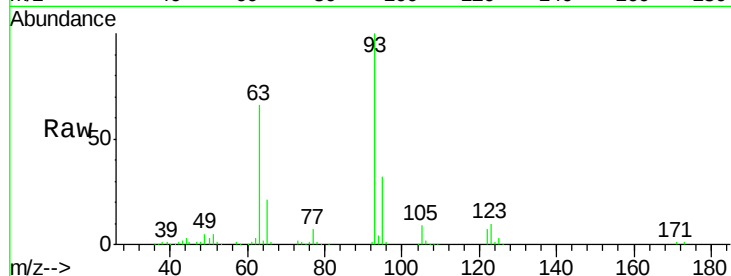
Tot Ion: 93 Resp: 275111

Ion Ratio Lower Upper

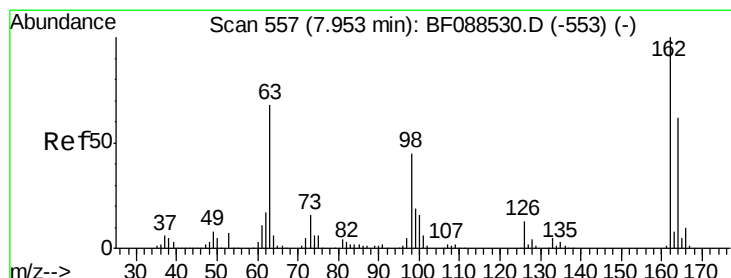
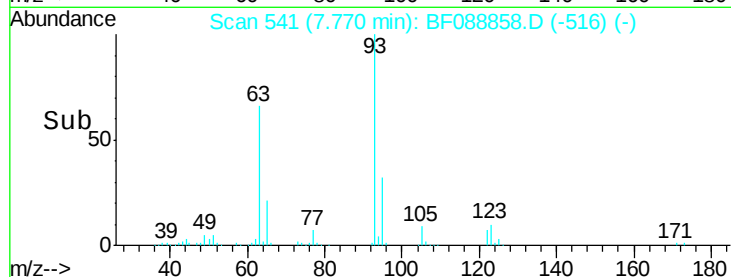
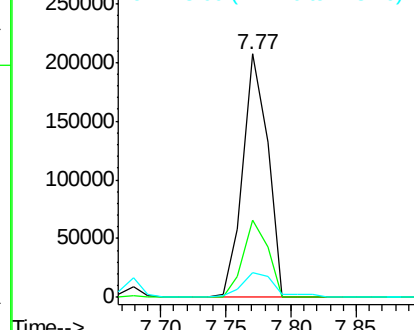
93 100

95 31.8 26.5 39.7

123 10.3 11.6 17.4#



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



#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

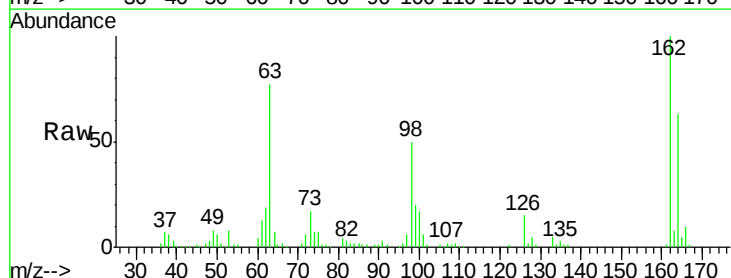
Tgt Ion: 162 Resp: 177590

Ion Ratio Lower Upper

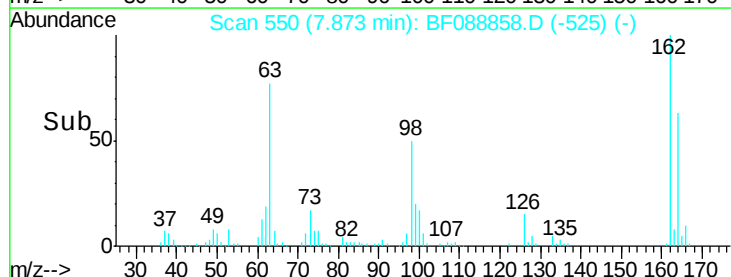
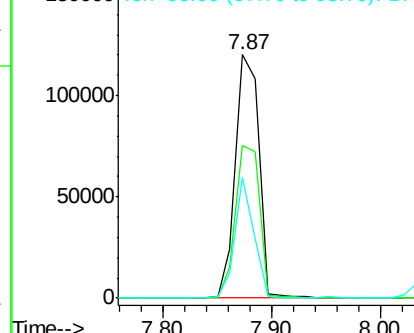
162 100

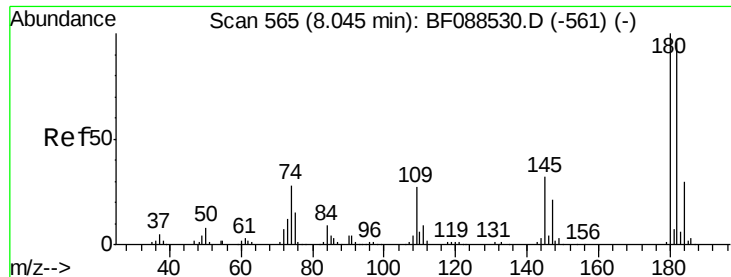
164 62.9 43.8 83.8

98 49.6 21.3 61.3



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

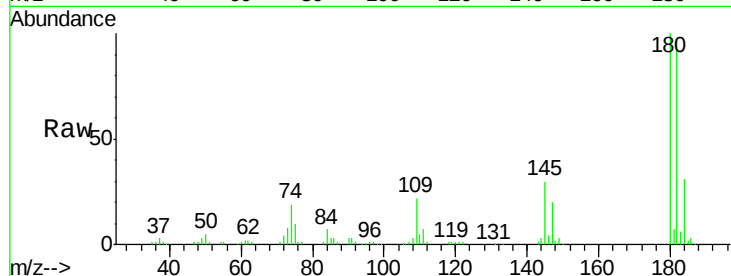




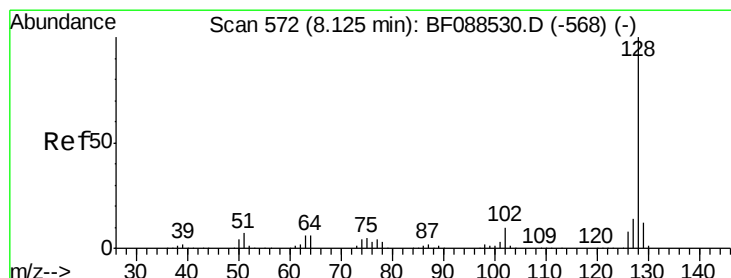
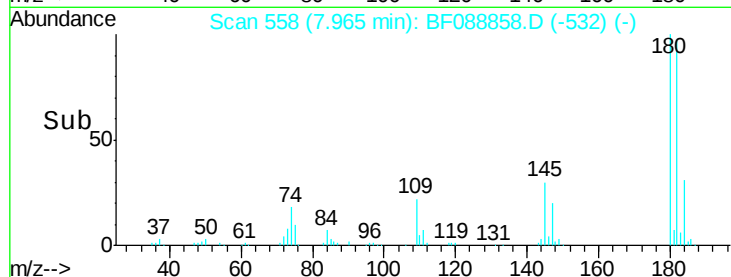
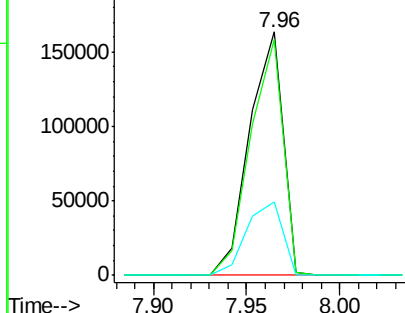
#30
 1,2,4-Trichlorobenzene
 Concen: 39.53 ng
 RT: 7.96 min Scan# 558
 Delta R.T. 0.00 min
 Lab File: BF088858.D
 Acq: 9 Jul 2016 7:33

Instrument :
 BNA_F
 ClientSampleId :
 PB91940BS

Tot Ion:180 Resp: 201673
 Ion Ratio Lower Upper
 180 100
 182 96.9 76.0 114.0
 145 30.2 26.5 39.7

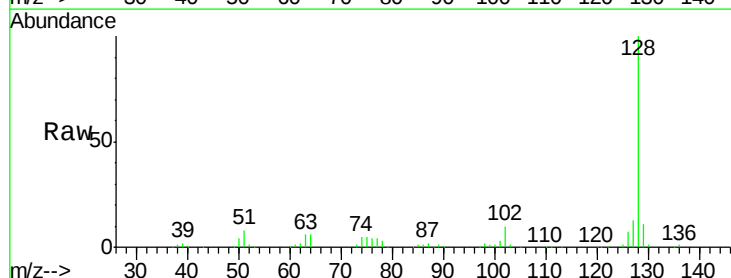


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

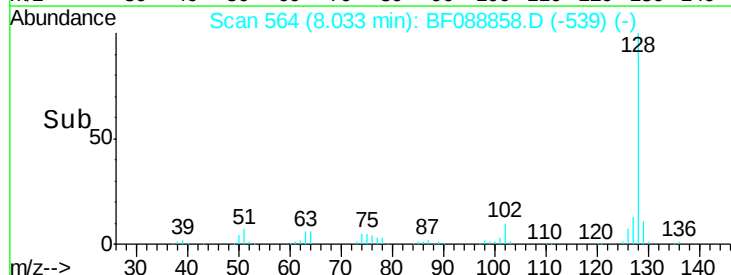
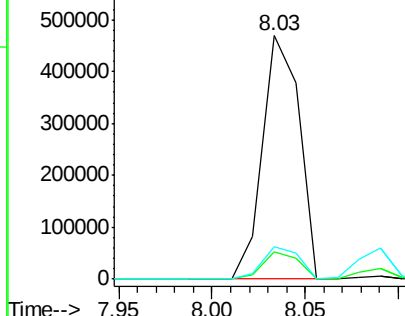


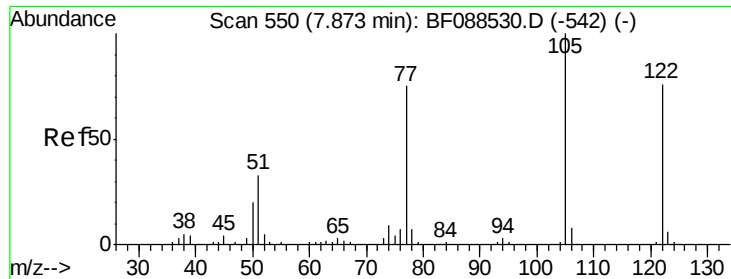
#31
 Naphthalene
 Concen: 37.17 ng
 RT: 8.03 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: BF088858.D
 Acq: 9 Jul 2016 7:33

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

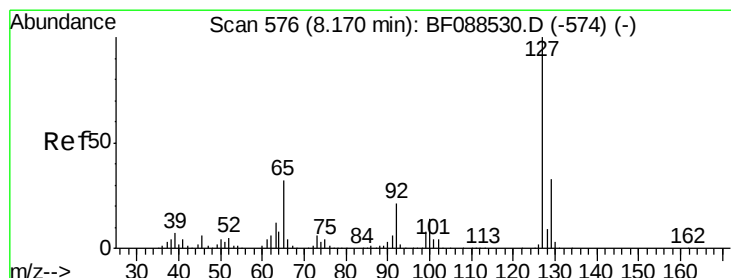
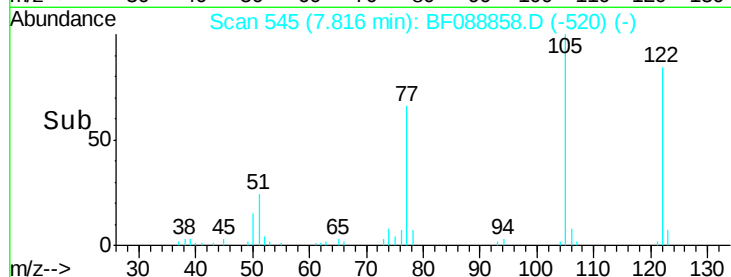
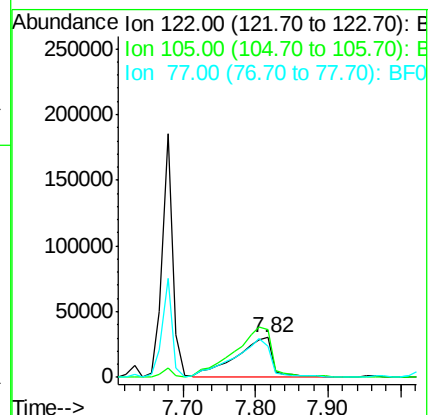
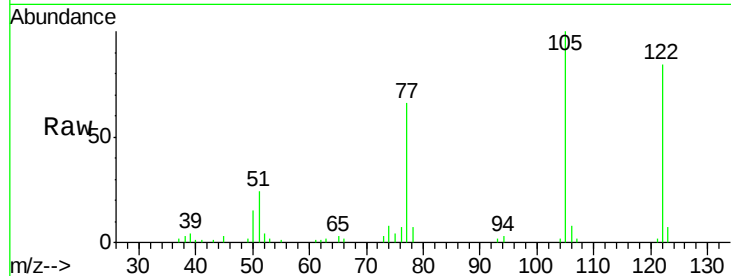
Tot Ion:122 Resp: 107252

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

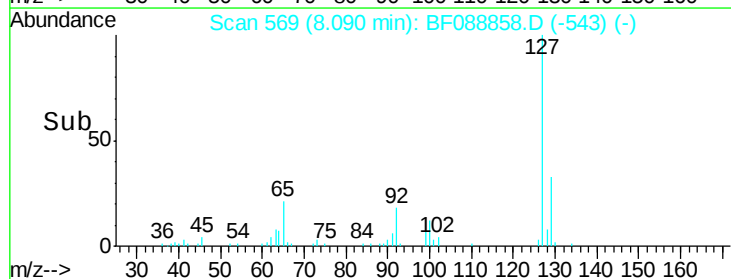
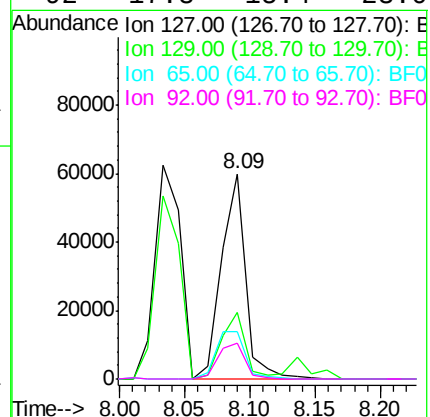
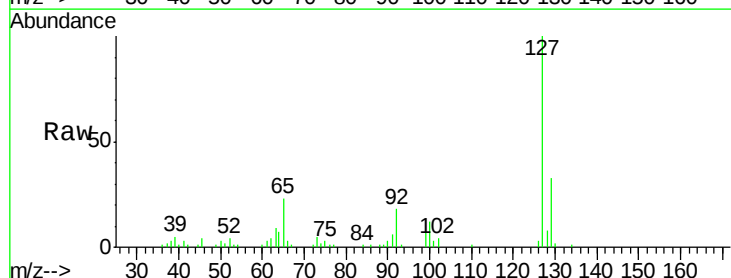
Ion Ratio Lower Upper

127 100

129 32.7 26.3 39.5

65 23.3 24.7 37.1#

92 17.8 15.4 23.0

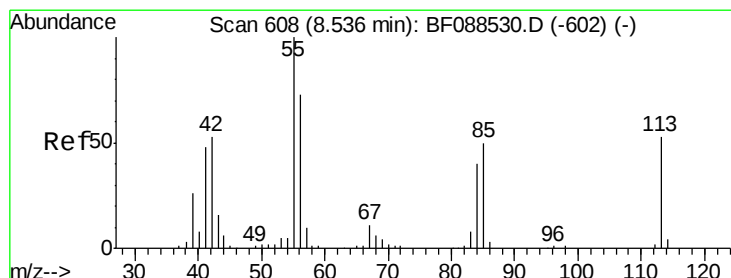
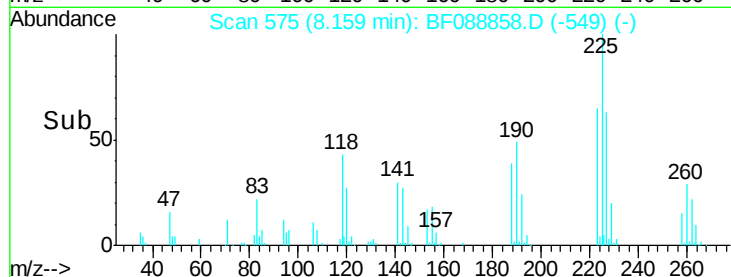
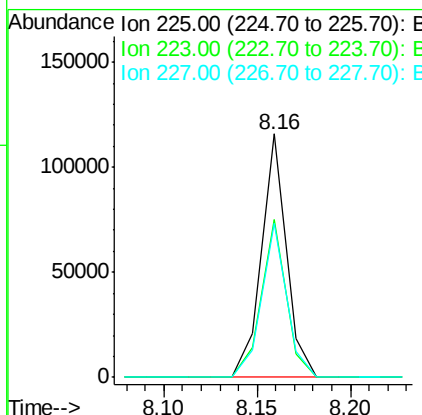
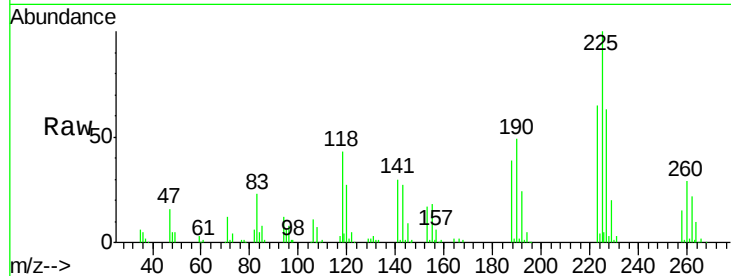




#34
Hexachlorobutadiene
Concen: 39.03 ng
RT: 8.16 min Scan# 575
Delta R.T. 0.00 min
Lab File: BF088858.D
Acq: 9 Jul 2016 7:33

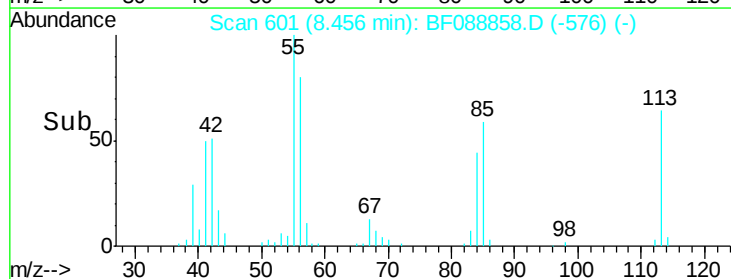
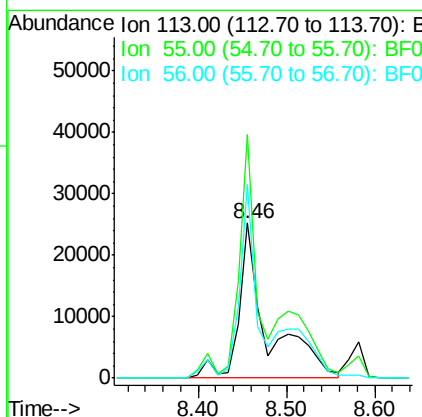
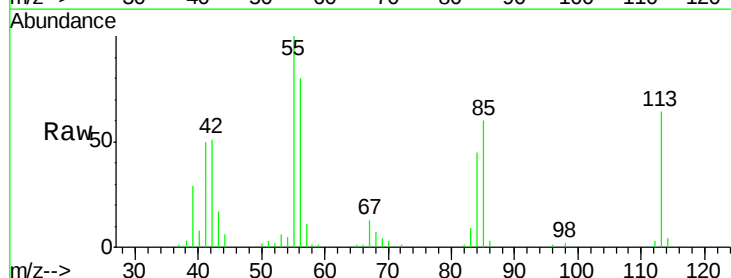
Instrument :
BNA_F
ClientSampleId :
PB91940BS

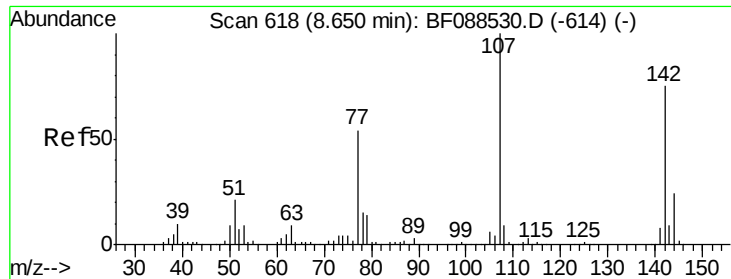
Tot Ion:225 Resp: 106622
Ion Ratio Lower Upper
225 100
223 64.6 50.9 76.3
227 63.2 51.9 77.9



#35
Caprolactam
Concen: 36.78 ng m
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: 58085
Ion Ratio Lower Upper
113 100
55 156.8 158.6 198.6#
56 125.1 110.6 150.6

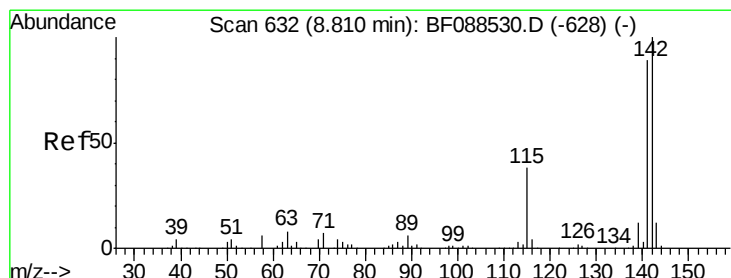
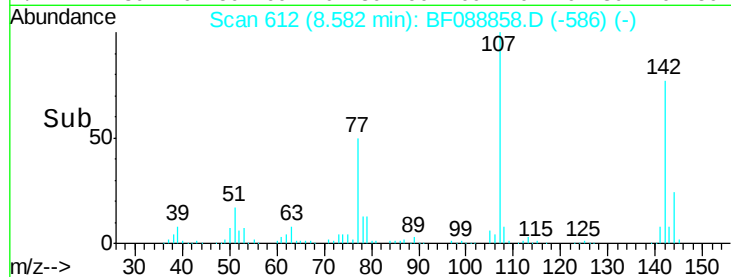
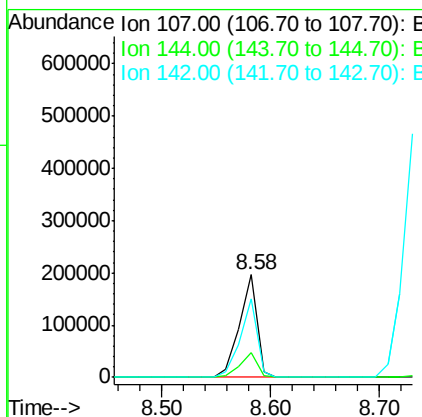
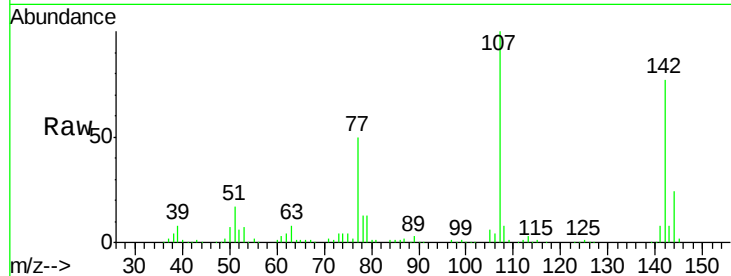




#36
 4-Chloro-3-methylphenol
 Concen: 39.79 ng
 RT: 8.58 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF088858.D
 Acq: 9 Jul 2016 7:33

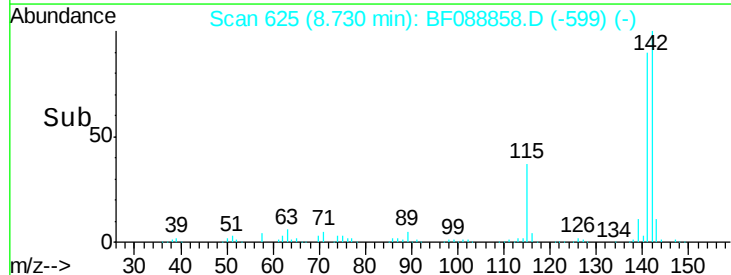
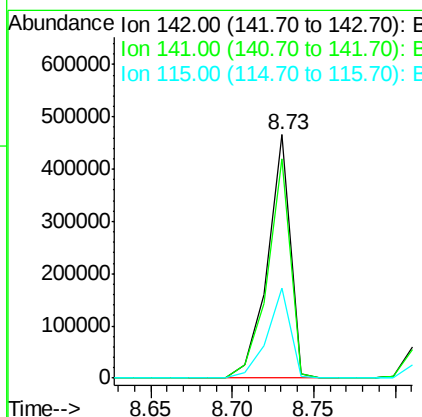
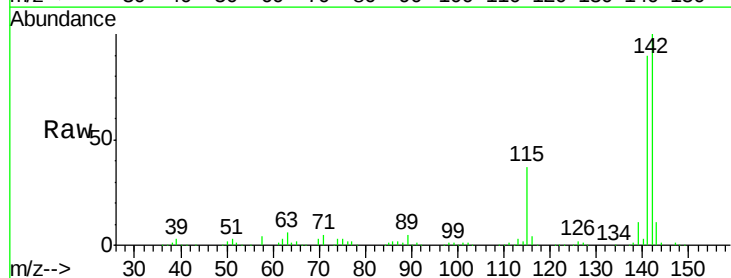
Instrument :
 BNA_F
 ClientSampleID :
 PB91940BS

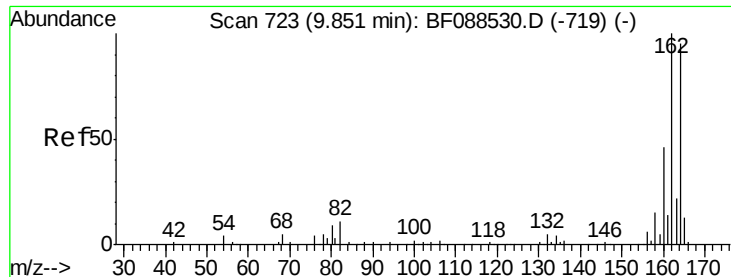
Tot Ion:107 Resp: 218790
 Ion Ratio Lower Upper
 107 100
 144 24.4 20.8 31.2
 142 76.7 63.4 95.2



#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

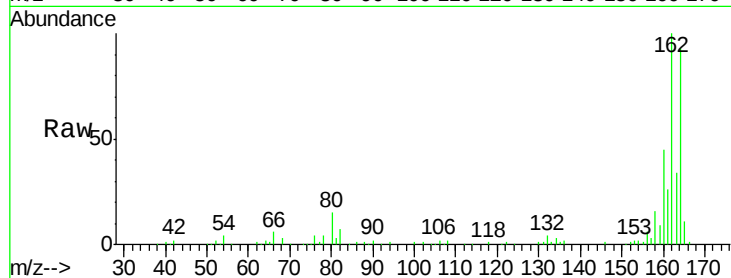
Tot Ion:164 Resp: 165908

Ion Ratio Lower Upper

164 100

162 107.5 85.4 128.2

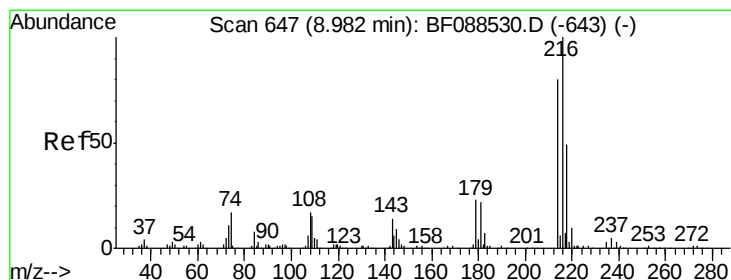
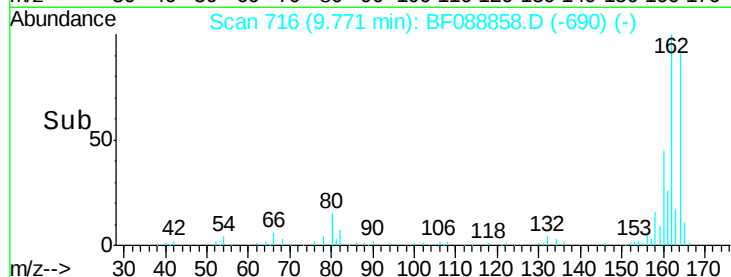
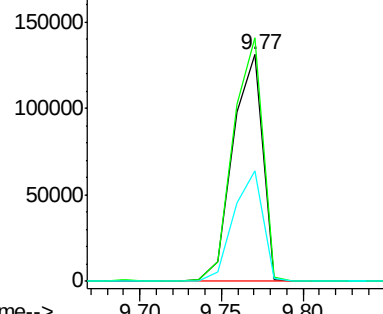
160 48.9 39.5 59.3



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

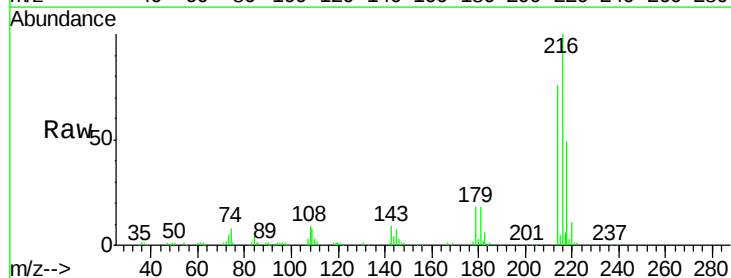
Ion Ratio Lower Upper

216 100

214 77.6 2.9 4.3#

179 22.1 0.0 0.0#

108 21.2 0.5 0.7#

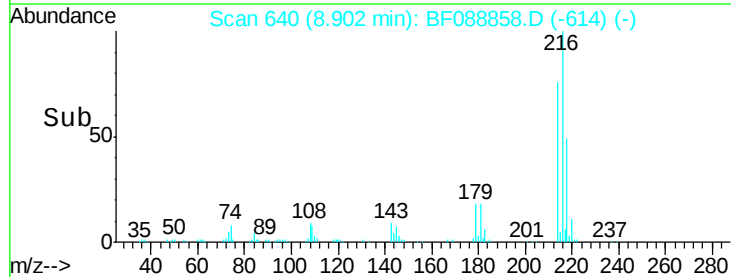
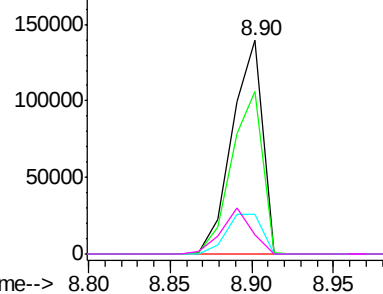


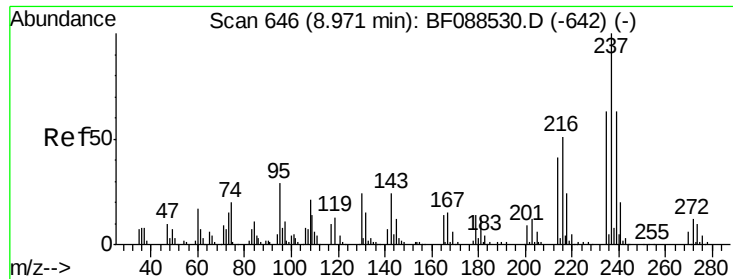
Abundance Ion 216.00 (215.70 to 216.70): E

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

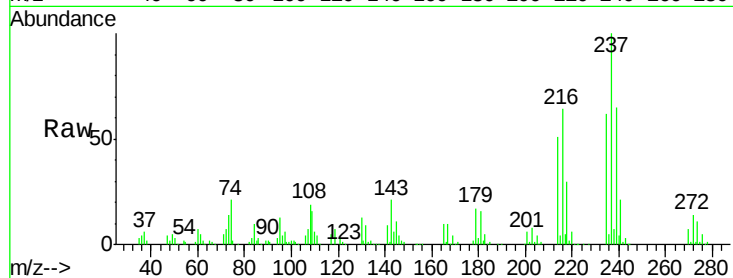




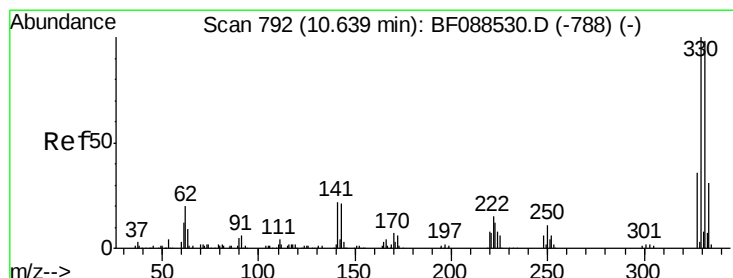
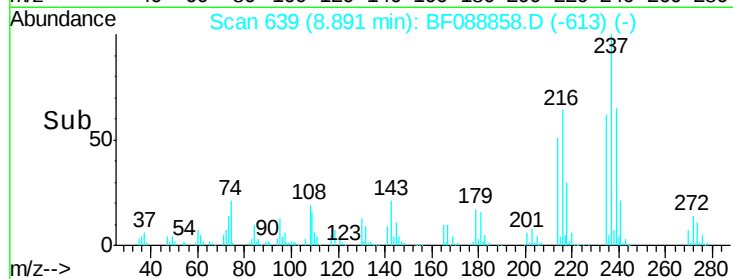
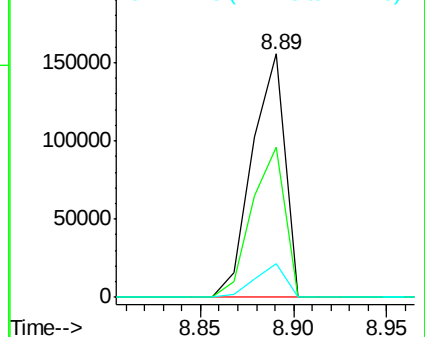
#40
Hexachlorocyclopentadiene
Concen: 69.41 ng
RT: 8.89 min Scan# 639
Delta R.T. 0.00 min
Lab File: BF088858.D
Acq: 9 Jul 2016 7:33

Instrument :
BNA_F
ClientSampleId :
PB91940BS

Tot Ion:237 Resp: 188002
Ion Ratio Lower Upper
237 100
235 61.9 43.4 83.4
272 13.9 0.0 32.3

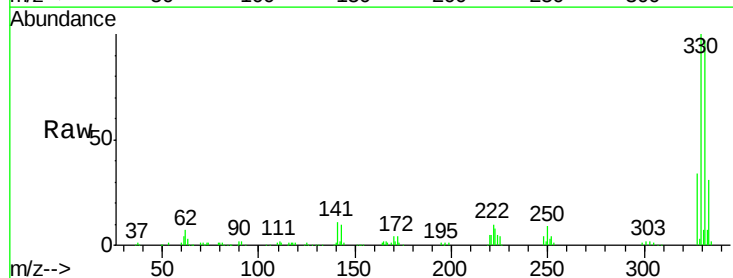


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

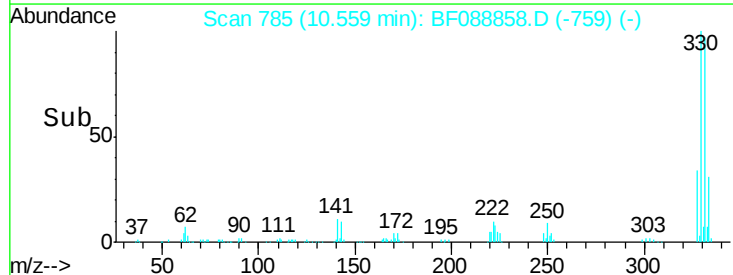
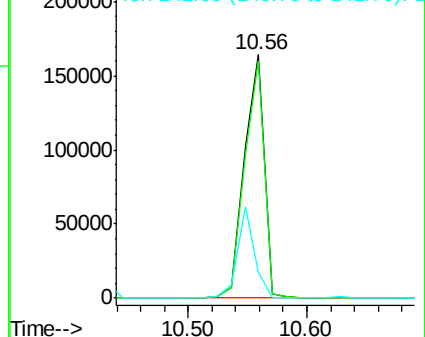


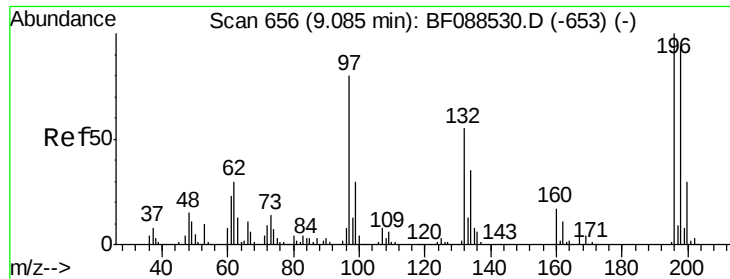
#41
2,4,6-Tribromophenol
Concen: 124.84 ng
RT: 10.56 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF088858.D
Acq: 9 Jul 2016 7:33

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

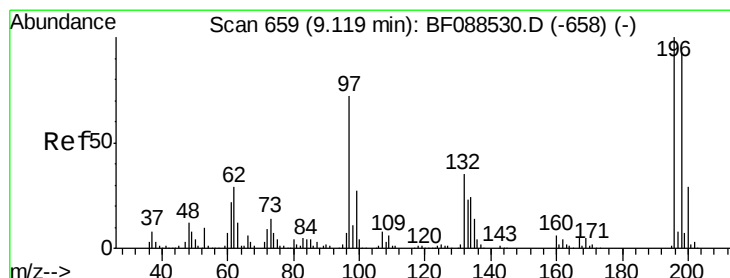
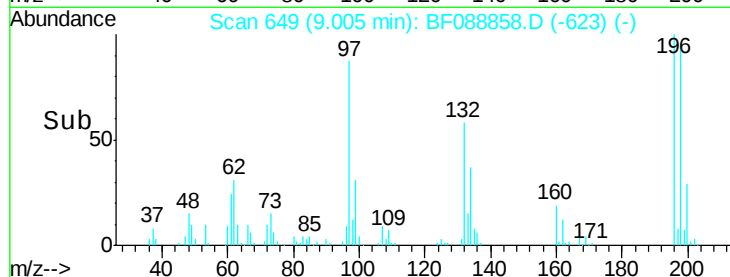
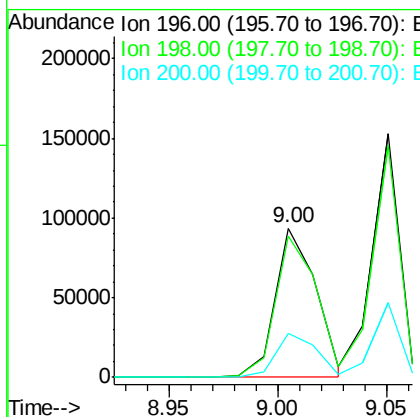
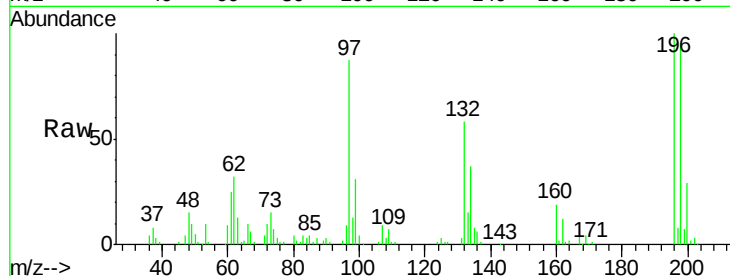




#42
 2,4,6-Trichlorophenol
 Concen: 33.77 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF088858.D
 Acq: 9 Jul 2016 7:33

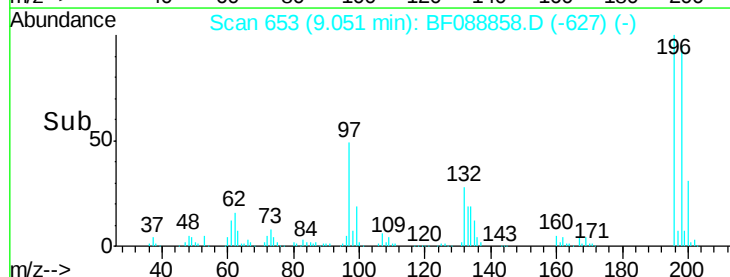
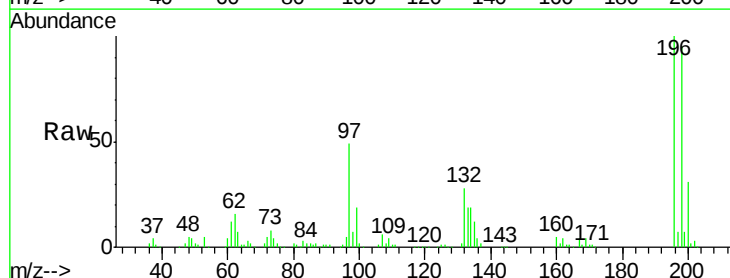
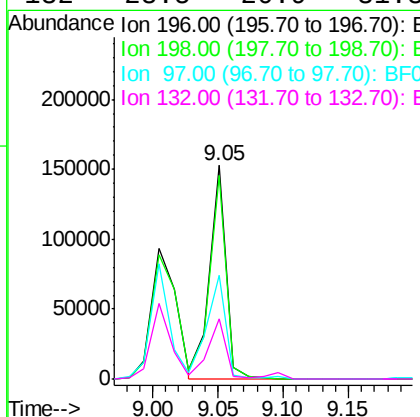
Instrument :
 BNA_F
 ClientSampleId :
 PB91940BS

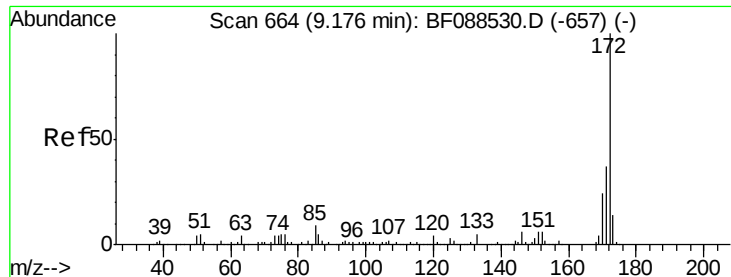
Tot Ion:196 Resp: 122857
 Ion Ratio Lower Upper
 196 100
 198 94.8 78.0 117.0
 200 29.4 25.4 38.2



#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

ClientSampled :

PB91940BS

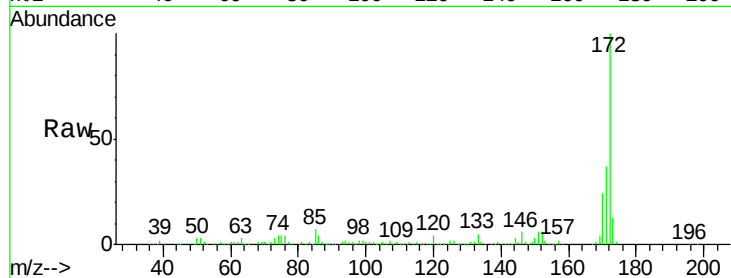
Tot Ion:172 Resp: 853651

Ion Ratio Lower Upper

172 100

171 36.6 28.6 43.0

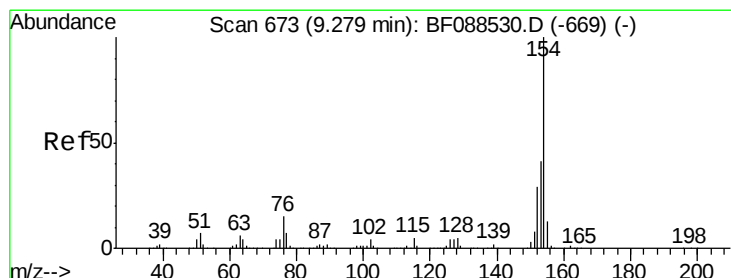
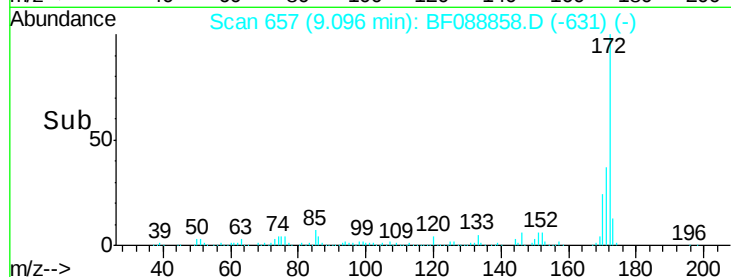
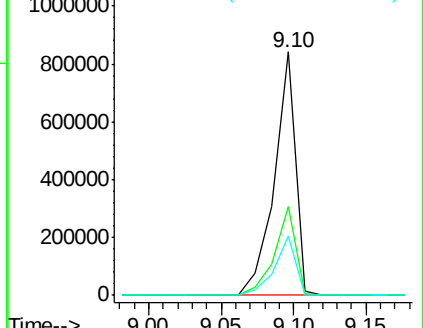
170 24.4 19.2 28.8



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

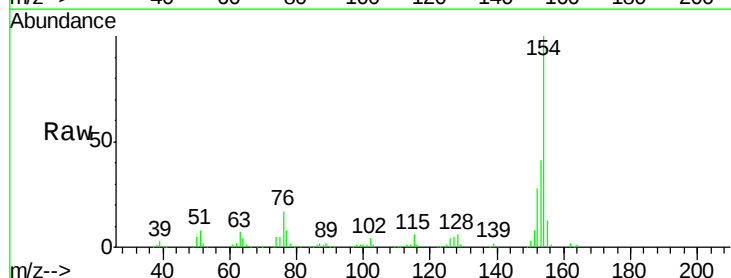
Tgt Ion:154 Resp: 488193

Ion Ratio Lower Upper

154 100

153 41.1 20.6 60.6

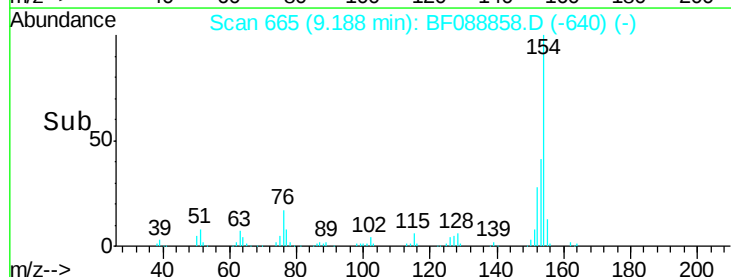
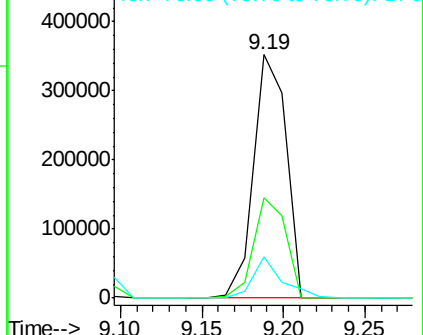
76 16.9 0.0 35.1

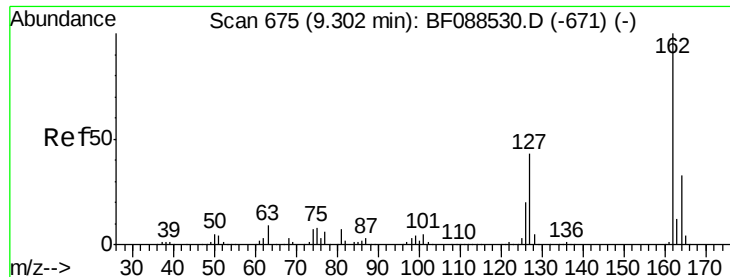


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

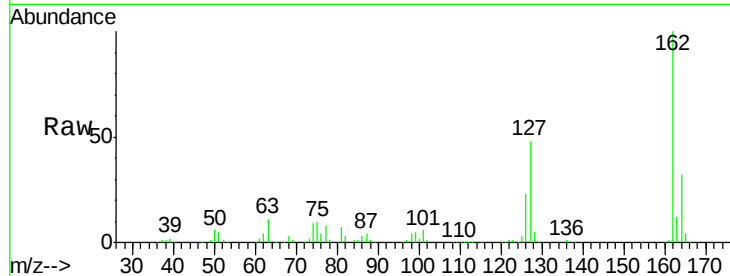




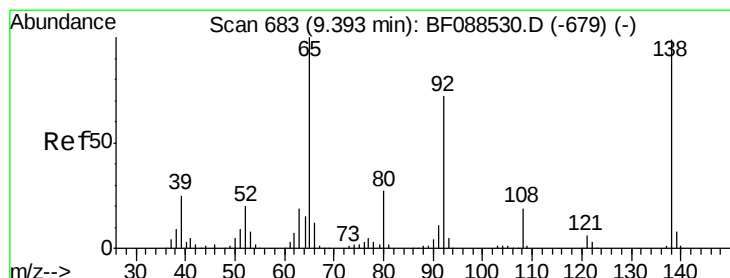
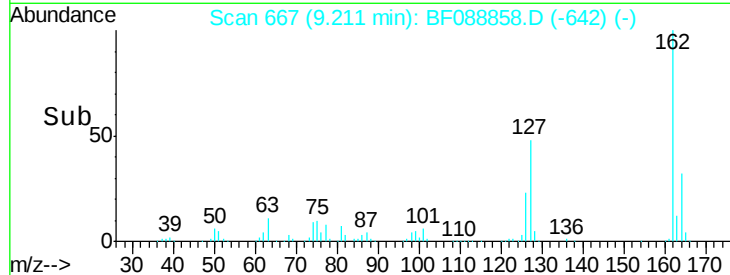
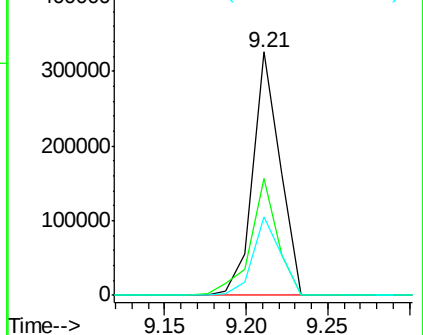
#46
2-Chloronaphthalene
Concen: 34.93 ng
RT: 9.21 min Scan# 667
Delta R.T. -0.01 min
Lab File: BF088858.D
Acq: 9 Jul 2016 7:33

Instrument :
BNA_F
ClientSampleId :
PB91940BS

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

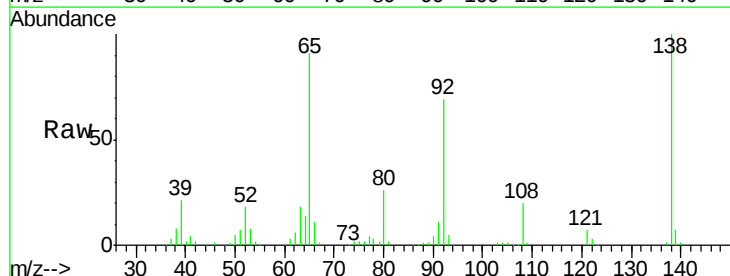


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

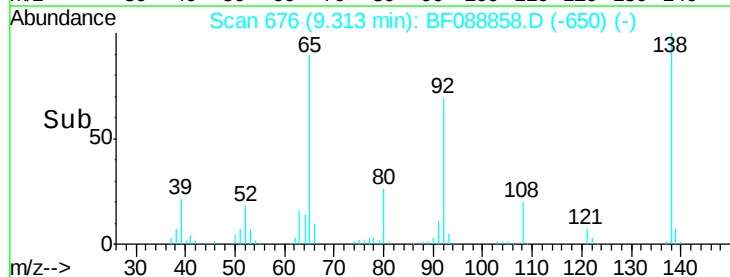
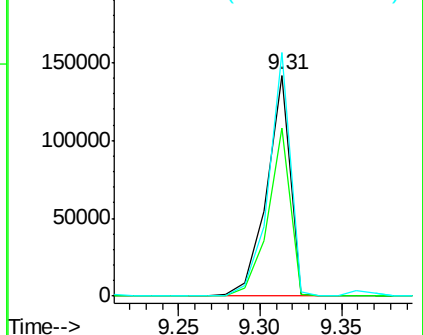


#47
2-Nitroaniline
Concen: 36.99 ng
RT: 9.31 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF088858.D
Acq: 9 Jul 2016 7:33

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



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





#48

Acenaphthylene

Concen: 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

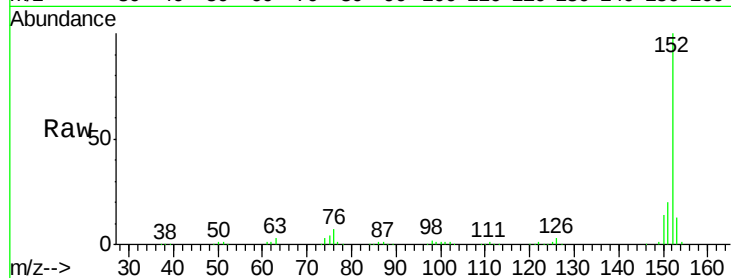
Tot Ion:152 Resp: 647263

Ion Ratio Lower Upper

152 100

151 20.0 16.2 24.4

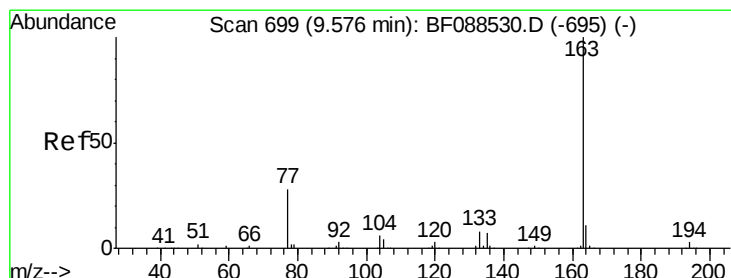
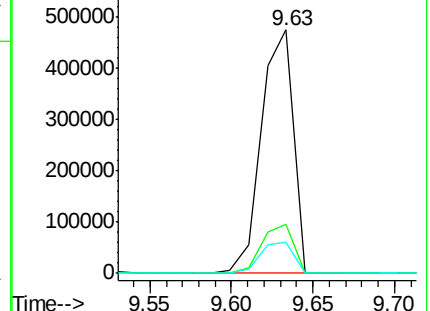
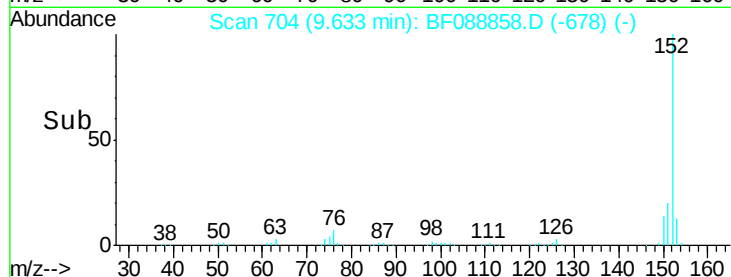
153 12.6 11.0 16.6



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

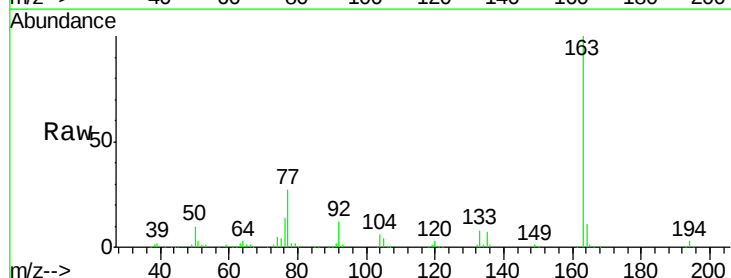
Tgt Ion:163 Resp: 439249

Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

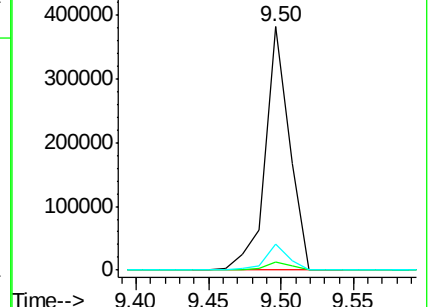
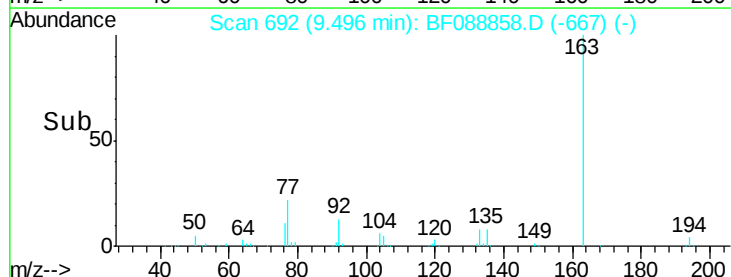
164 10.5 8.3 12.5

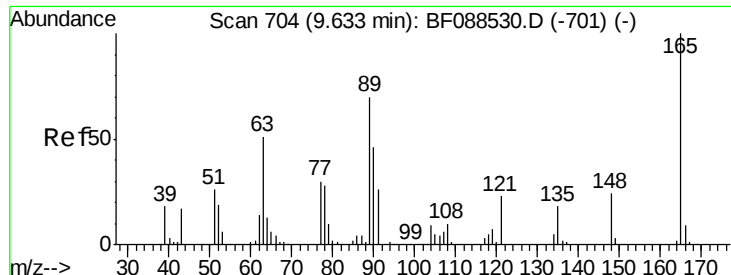


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

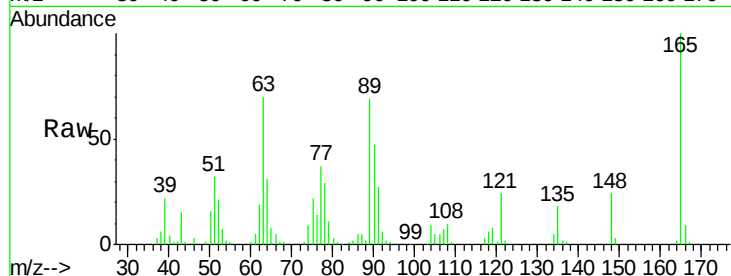




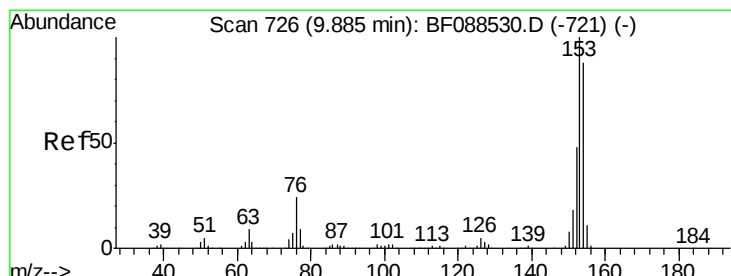
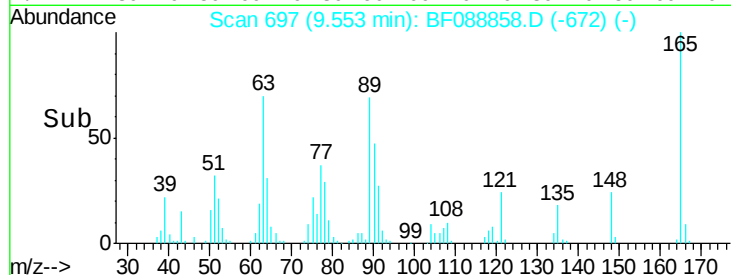
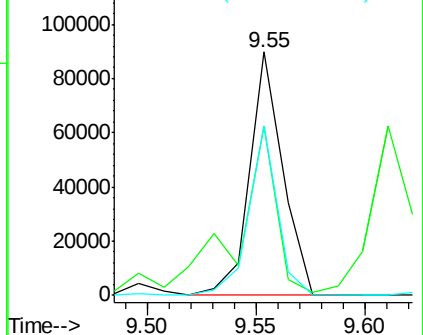
#50
 2,6-Dinitrotoluene
 Concen: 36.24 ng
 RT: 9.55 min Scan# 697
 Delta R.T. -0.01 min
 Lab File: BF088858.D
 Acq: 9 Jul 2016 7:33

Instrument :
 BNA_F
 ClientSampleId :
 PB91940BS

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

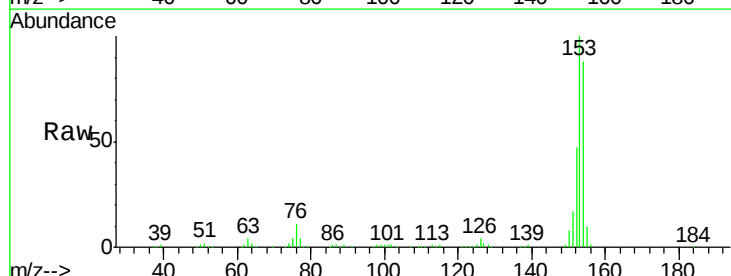


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

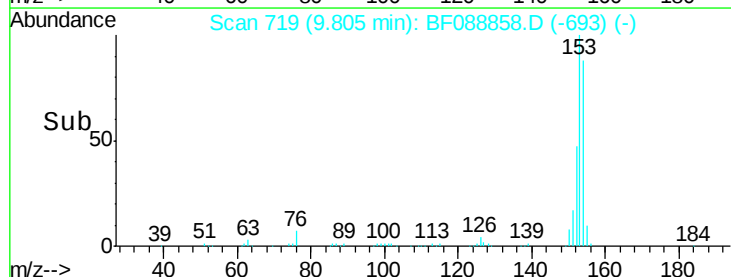
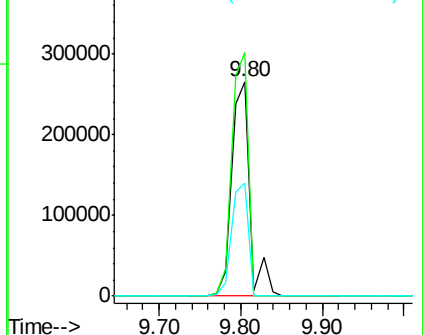


#51
 Acenaphthene
 Concen: 39.42 ng
 RT: 9.80 min Scan# 719
 Delta R.T. 0.00 min
 Lab File: BF088858.D
 Acq: 9 Jul 2016 7:33

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

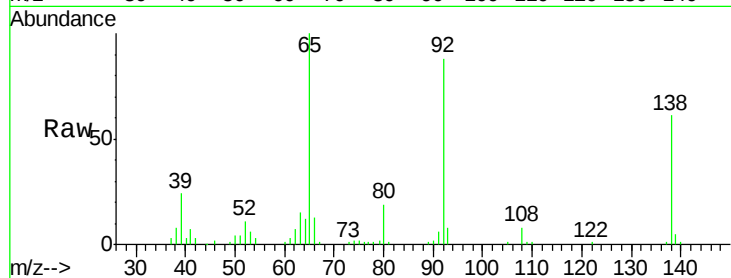




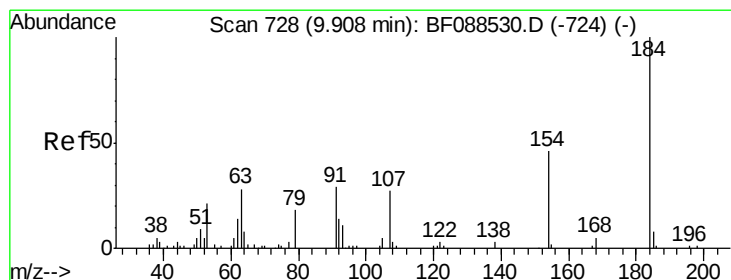
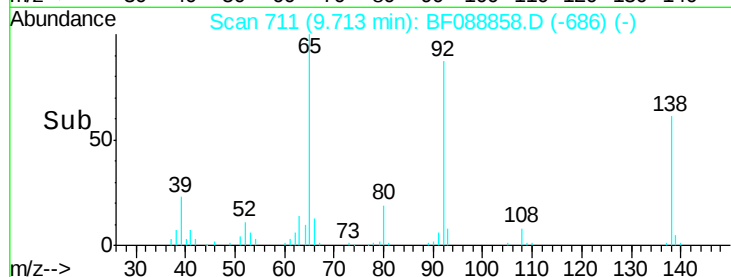
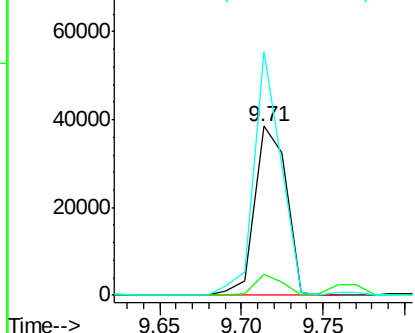
#52
3-Nitroaniline
Concen: 15.59 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.01 min
Lab File: BF088858.D
Acq: 9 Jul 2016 7:33

Instrument :
BNA_F
ClientSampleId :
PB91940BS

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

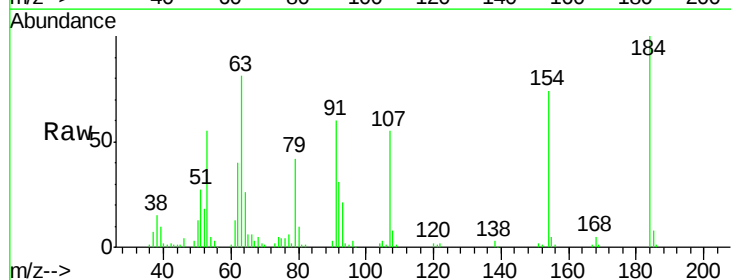


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0

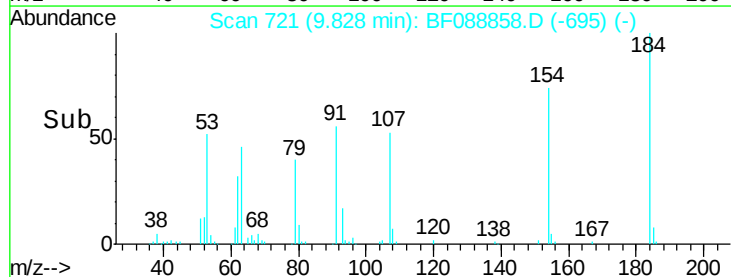
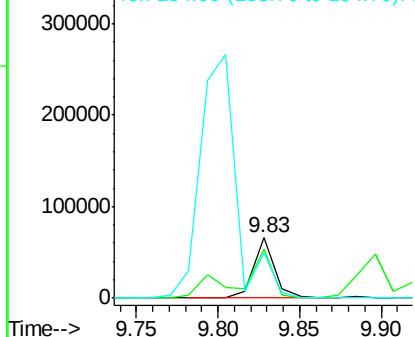


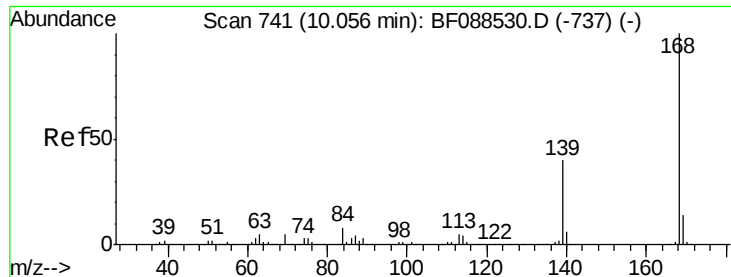
#53
2,4-Dinitrophenol
Concen: 52.12 ng
RT: 9.83 min Scan# 721
Delta R.T. 0.00 min
Lab File: BF088858.D
Acq: 9 Jul 2016 7:33

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

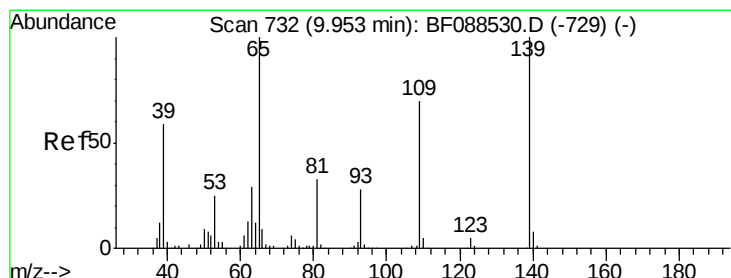
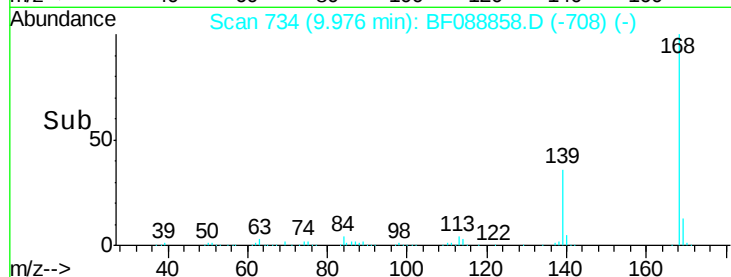
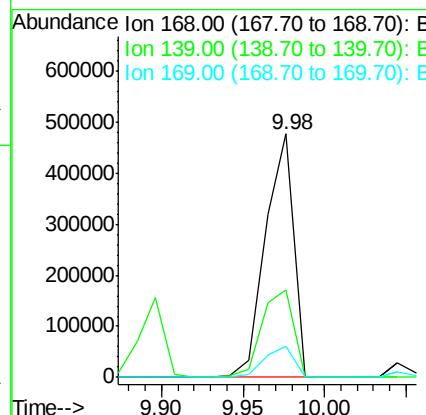
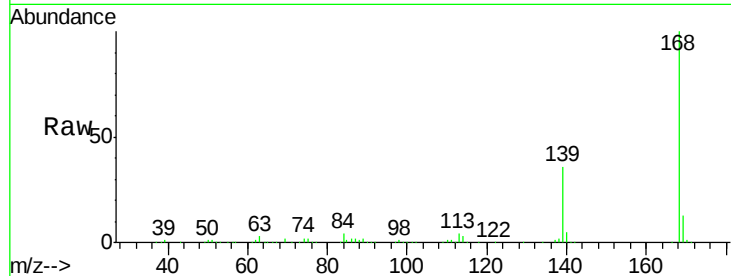




#54
Dibenzenofuran
Concen: 41.61 ng
RT: 9.98 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF088858.D
Acq: 9 Jul 2016 7:33

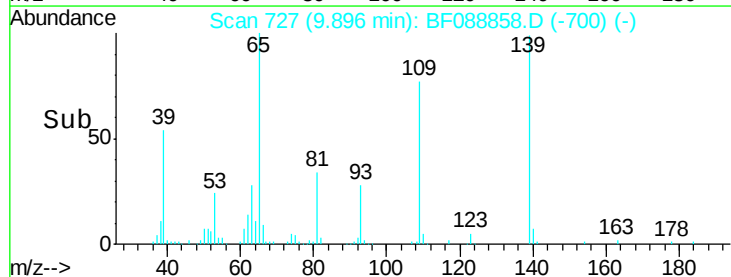
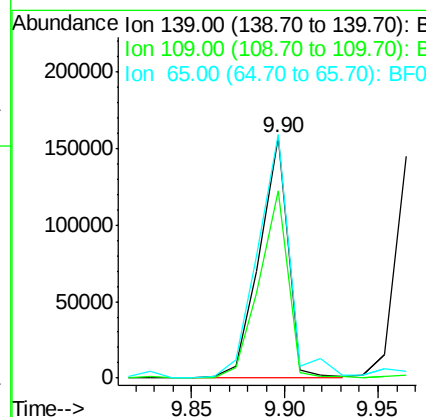
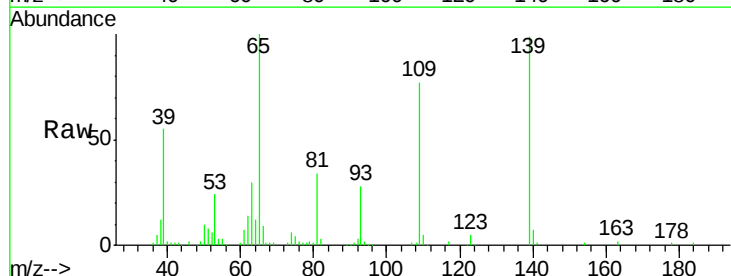
Instrument :
BNA_F
ClientSampleId :
PB91940BS

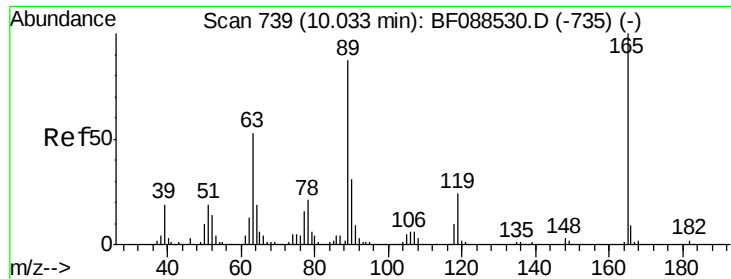
Tot Ion:168 Resp: 572936
Ion Ratio Lower Upper
168 100
139 35.7 26.4 39.6
169 12.9 10.4 15.6



#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

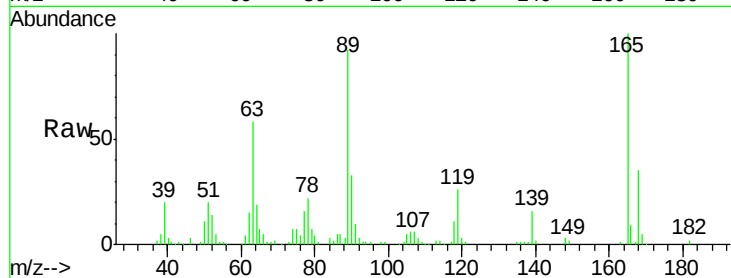




#56
2,4-Dinitrotoluene
Concen: 40.02 ng
RT: 9.95 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF088858.D
Acq: 9 Jul 2016 7:33

Instrument :
BNA_F
ClientSampleId :
PB91940BS

Tot 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

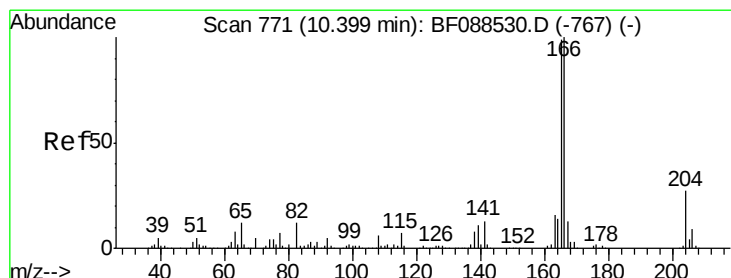
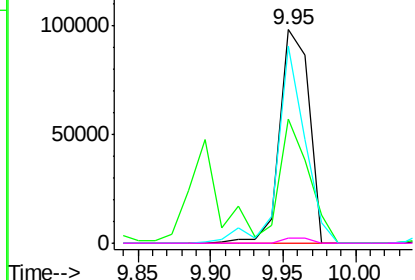
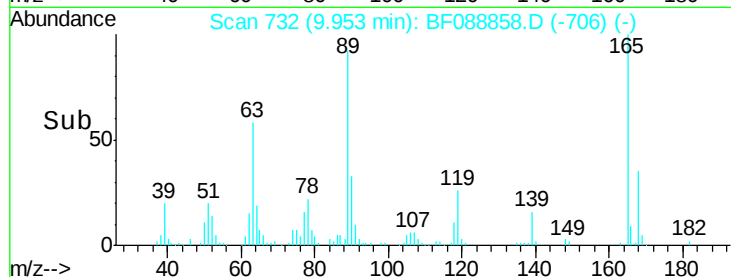


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

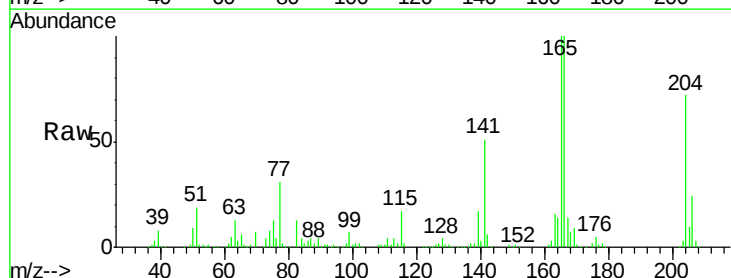
Ion 89.00 (88.70 to 89.70): BF0

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

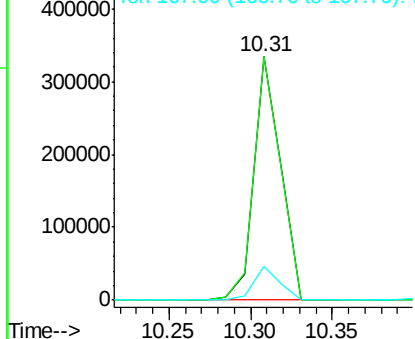
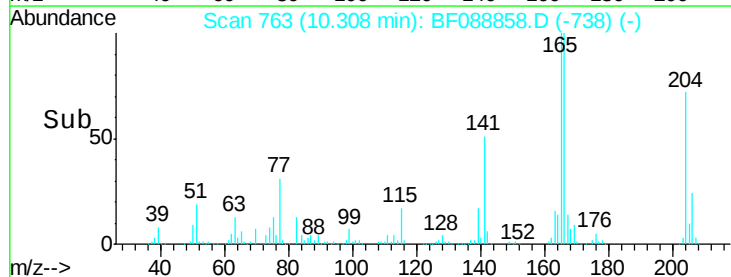
Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.0	77.8	116.8
167	13.8	11.2	16.8



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

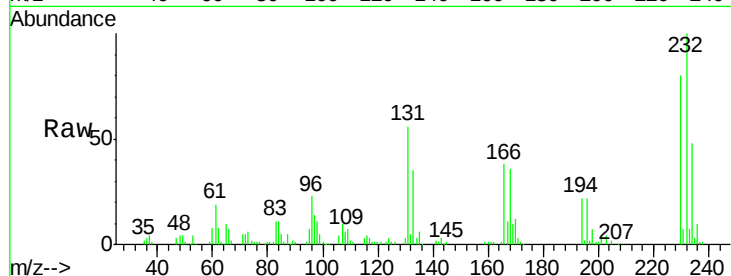




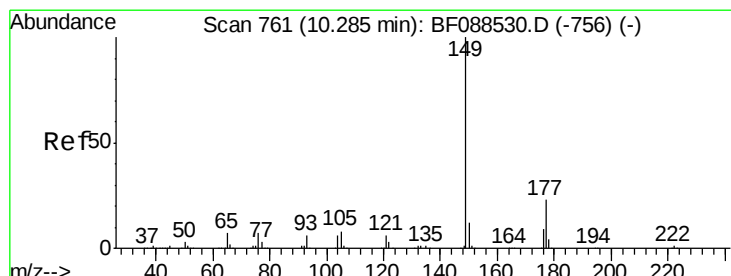
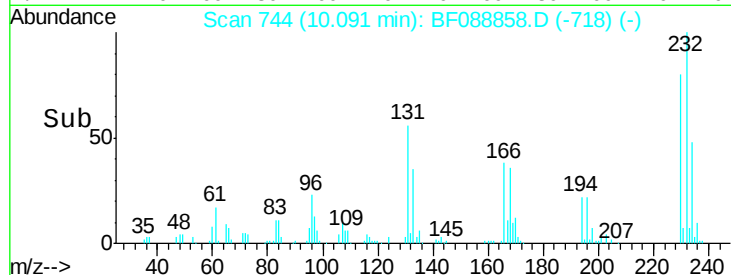
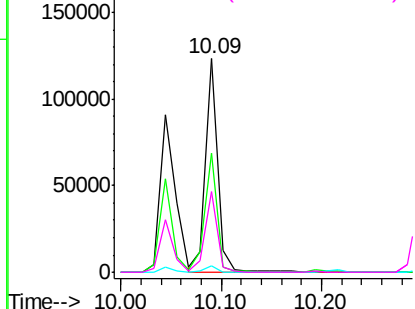
#58
2,3,4,6-Tetrachlorophenol
Concen: 43.59 ng
RT: 10.09 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF088858.D
Acq: 9 Jul 2016 7:33

Instrument :
BNA_F
ClientSampleId :
PB91940BS

Tot 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#

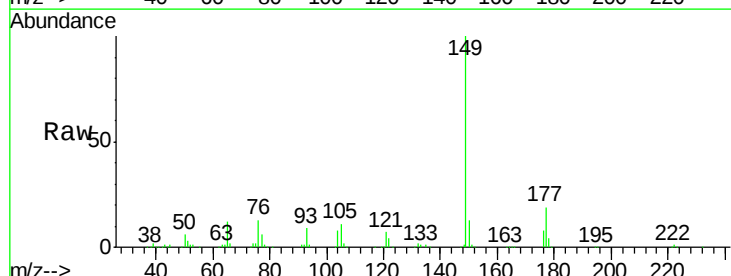


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

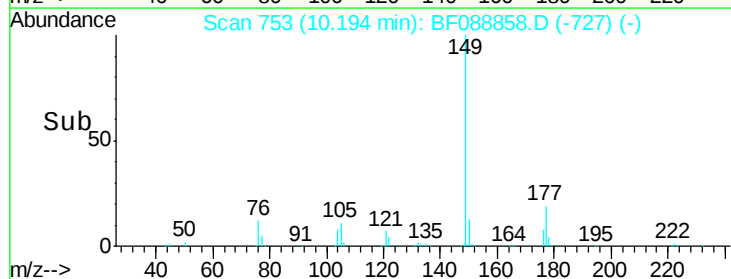
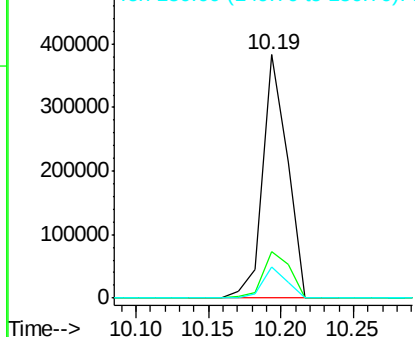


#59
Diethylphthalate
Concen: 37.73 ng
RT: 10.19 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF088858.D
Acq: 9 Jul 2016 7:33

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

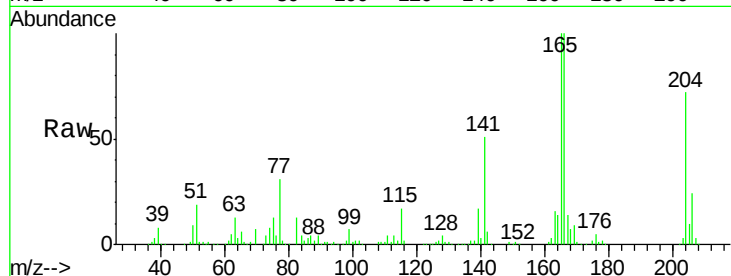




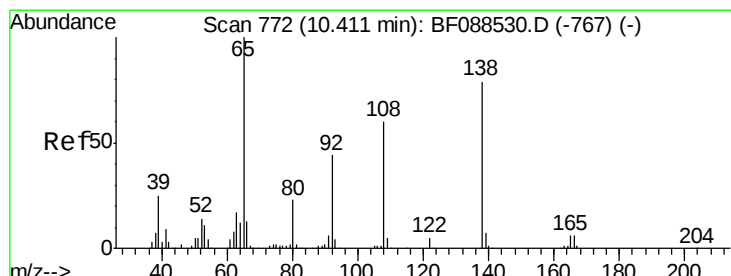
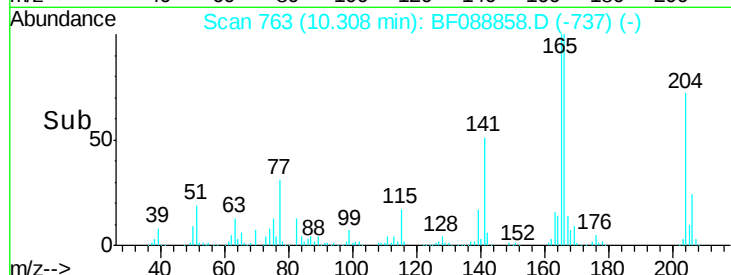
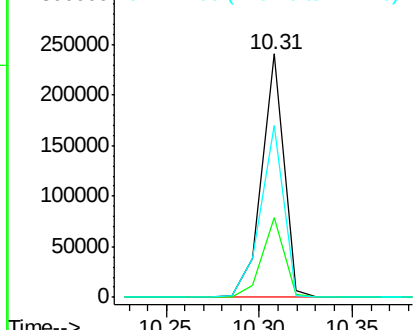
#60
4-Chlorophenyl-phenylether
Concen: 40.13 ng
RT: 10.31 min Scan# 763
Delta R.T. 0.00 min
Lab File: BF088858.D
Acq: 9 Jul 2016 7:33

Instrument :
BNA_F
ClientSampleId :
PB91940BS

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

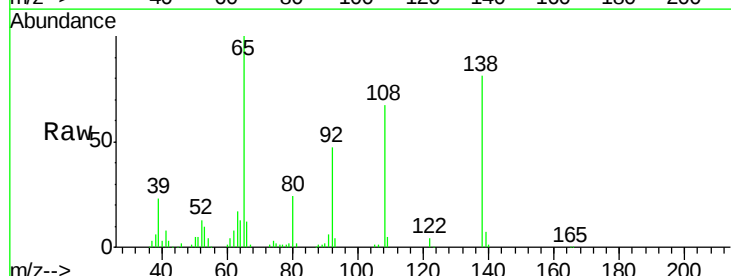


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

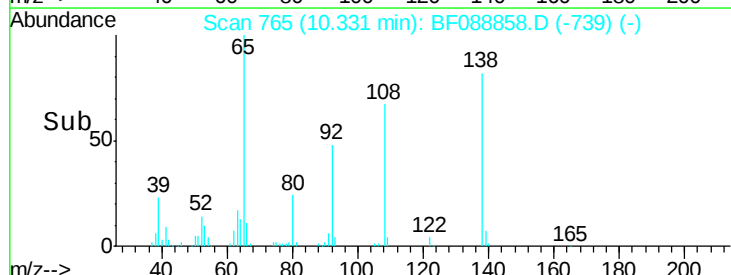
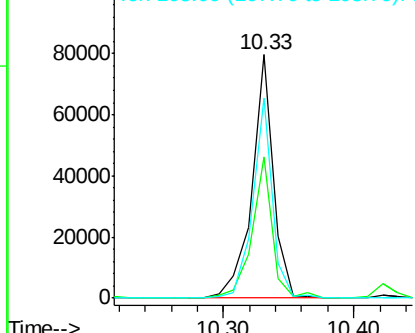


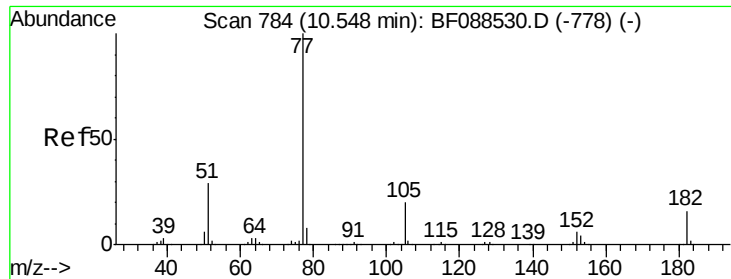
#61
4-Nitroaniline
Concen: 28.45 ng
RT: 10.33 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF088858.D
Acq: 9 Jul 2016 7:33

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

Tot Ion: 77 Resp: 555431

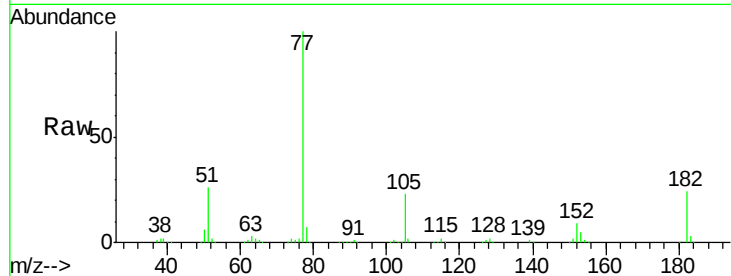
Ion Ratio Lower Upper

77 100

182 23.6 4.4 44.4

105 23.0 3.8 43.8

51 26.2 9.3 49.3

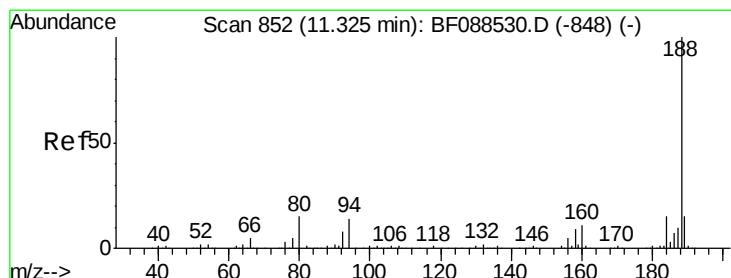
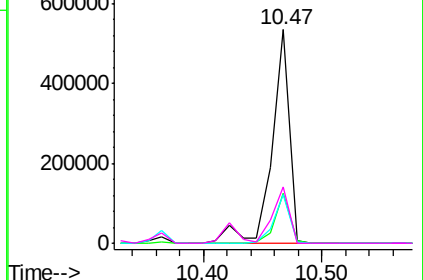
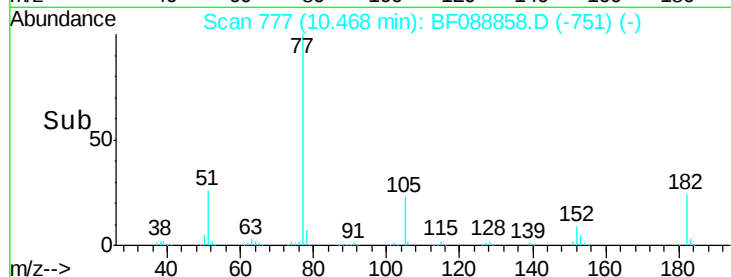


Abundance Ion 77.00 (76.70 to 77.70): BF0

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

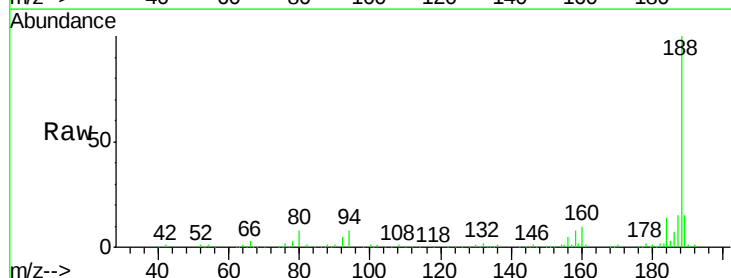
Tgt Ion: 188 Resp: 305965

Ion Ratio Lower Upper

188 100

94 7.6 9.0 13.6#

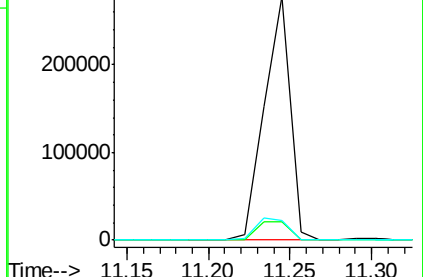
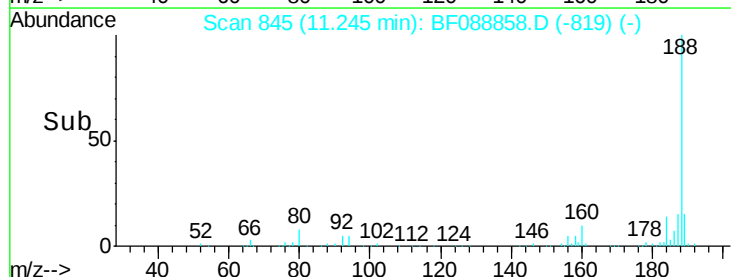
80 8.0 10.0 15.0#

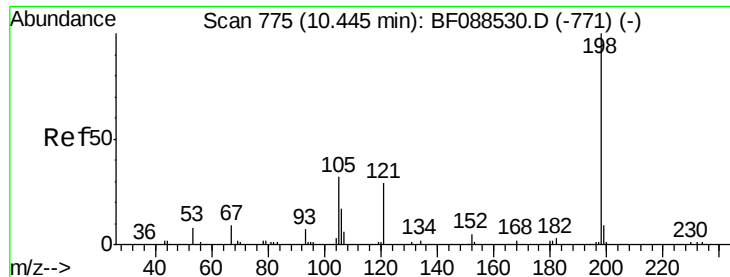


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

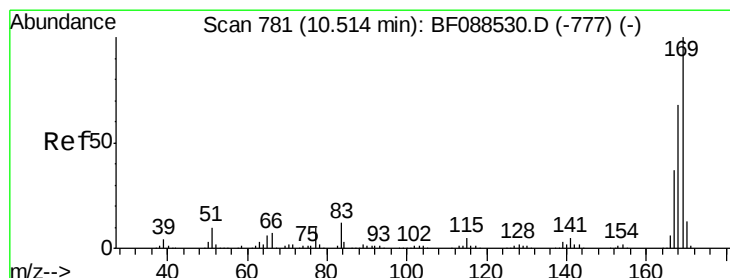
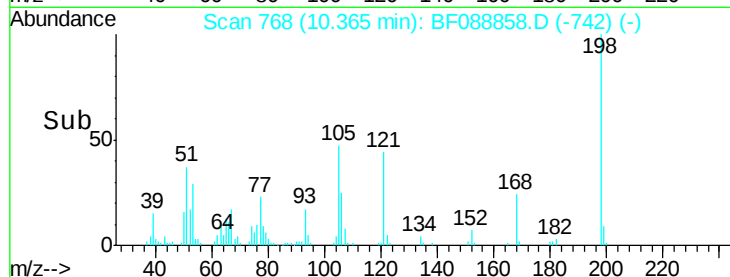
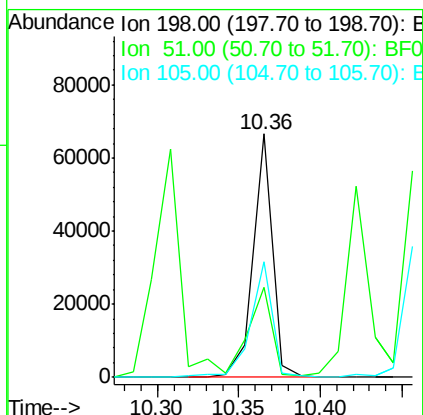
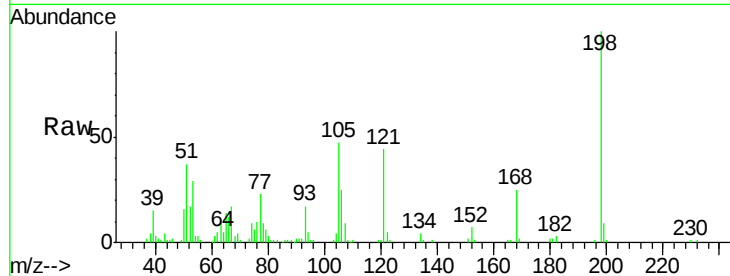




#64
4,6-Dinitro-2-methylphenol
Concen: 33.46 ng
RT: 10.36 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF088858.D
Acq: 9 Jul 2016 7:33

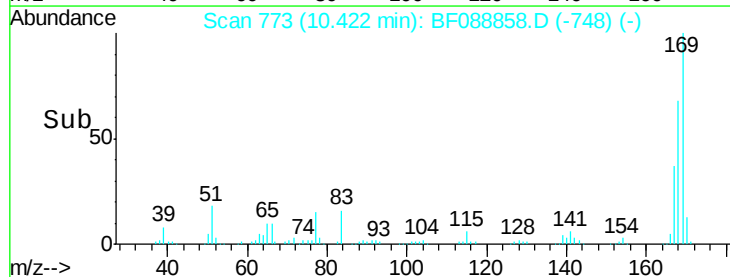
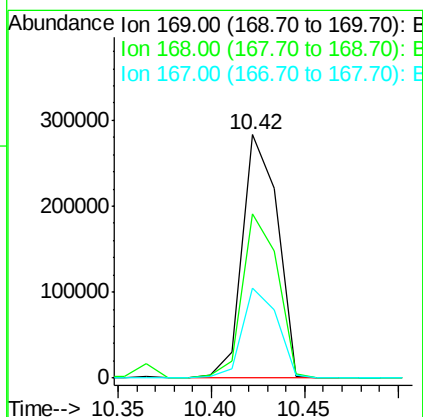
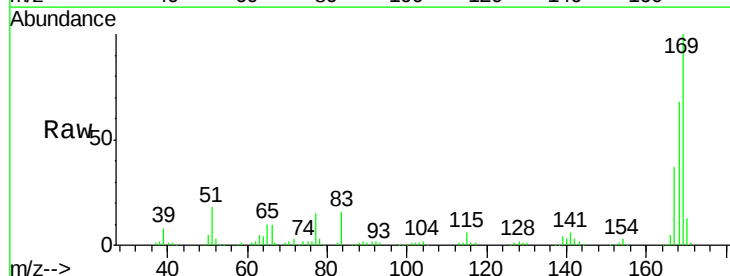
Instrument :
BNA_F
ClientSampleId :
PB91940BS

Tot Ion:198 Resp: 54759
Ion Ratio Lower Upper
198 100
51 36.9 39.6 79.6#
105 47.5 36.6 76.6



#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

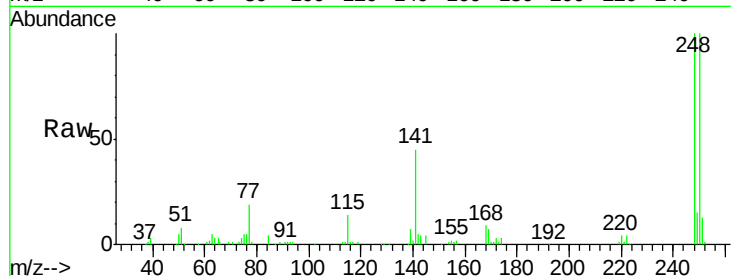




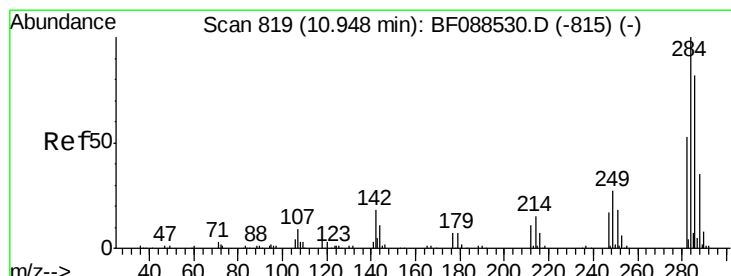
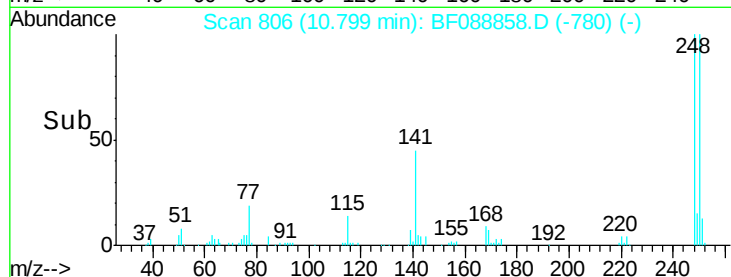
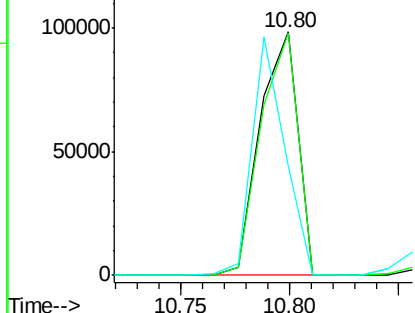
#66
4-Bromophenyl-phenylether
Concen: 38.76 ng
RT: 10.80 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF088858.D
Acq: 9 Jul 2016 7:33

Instrument :
BNA_F
ClientSampled :
PB91940BS

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

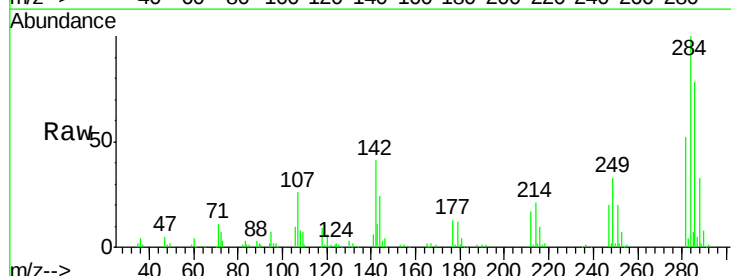


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

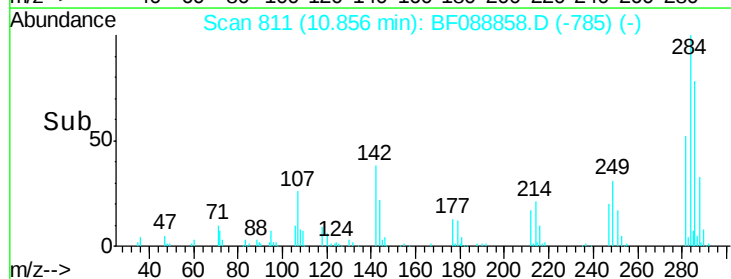
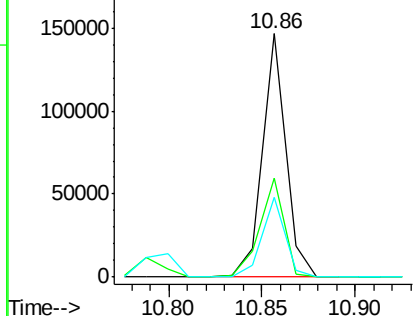


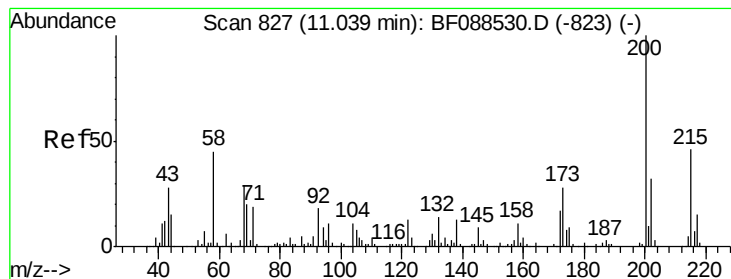
#67
Hexachlorobenzene
Concen: 36.95 ng
RT: 10.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF088858.D
Acq: 9 Jul 2016 7:33

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

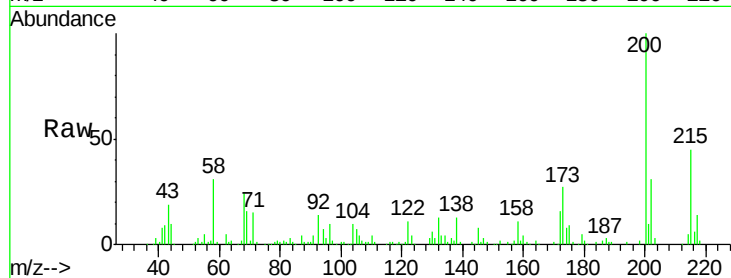
Tot Ion:200 Resp: 134039

Ion Ratio Lower Upper

200 100

173 26.9 4.0 44.0

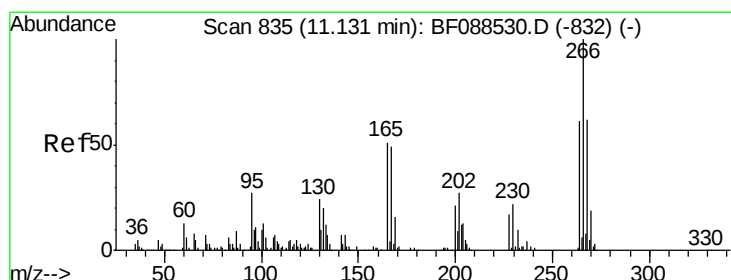
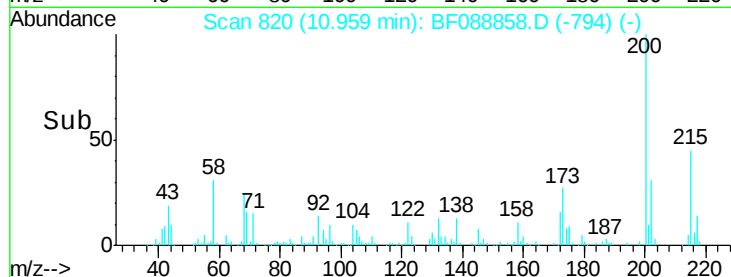
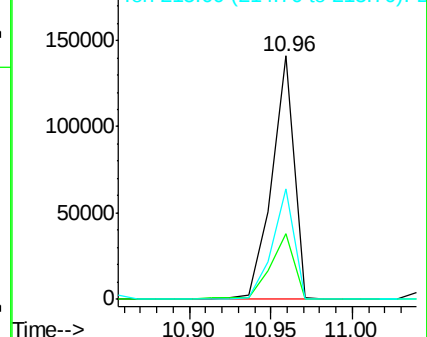
215 45.4 29.3 69.3



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

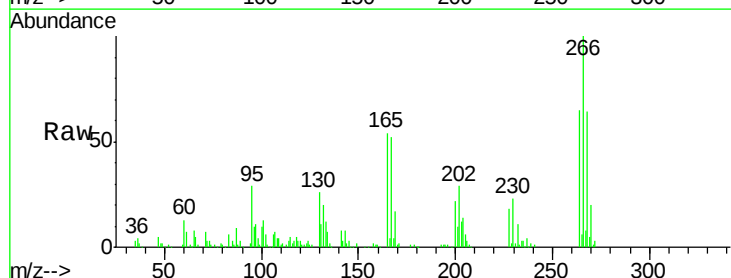
Tgt Ion:266 Resp: 121038

Ion Ratio Lower Upper

266 100

268 64.0 52.8 79.2

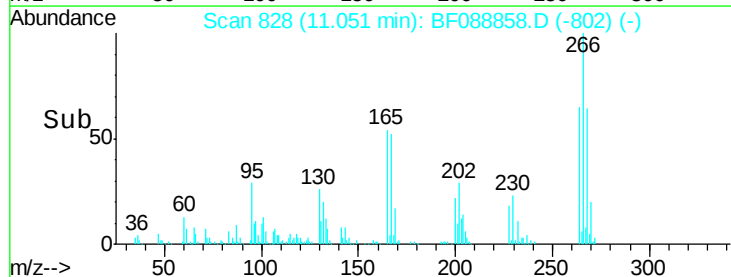
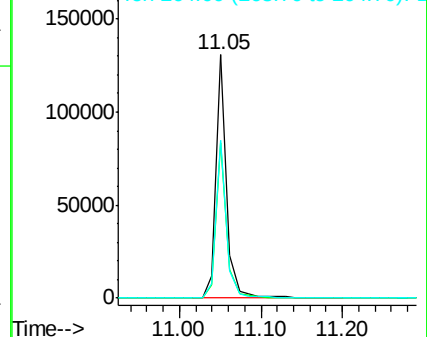
264 64.9 49.6 74.4

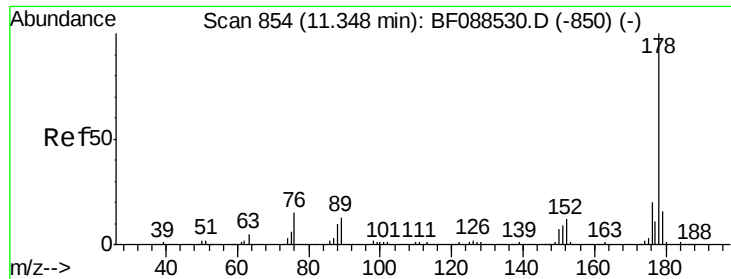


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

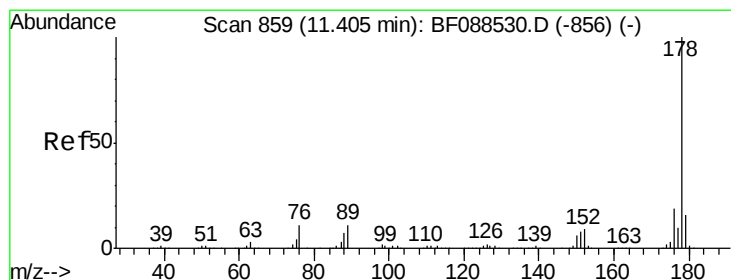
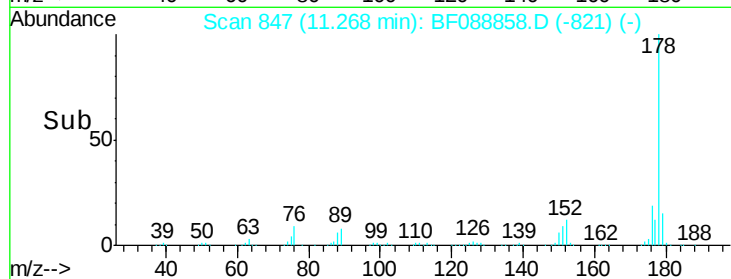
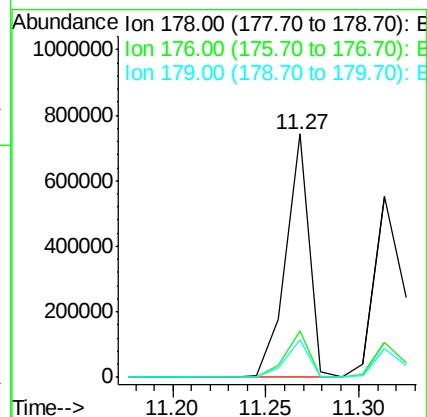
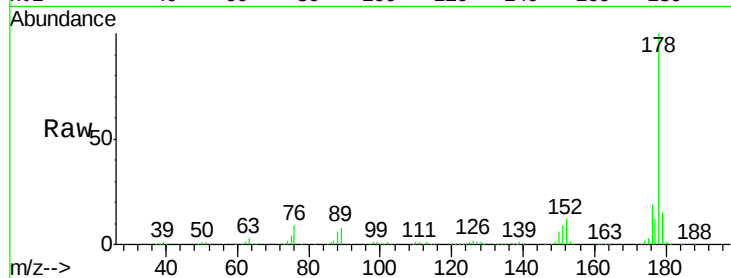




#70
 Phenanthrene
 Concen: 38.81 ng
 RT: 11.27 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: BF088858.D
 Acq: 9 Jul 2016 7:33

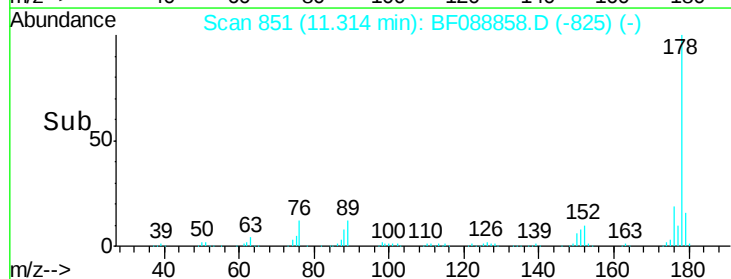
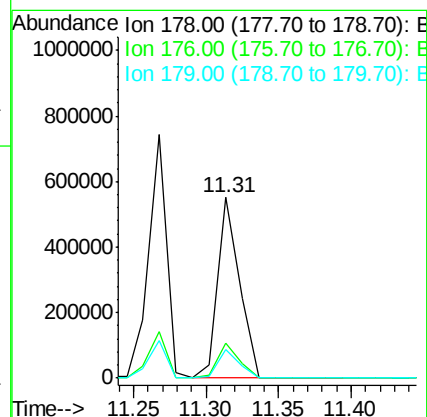
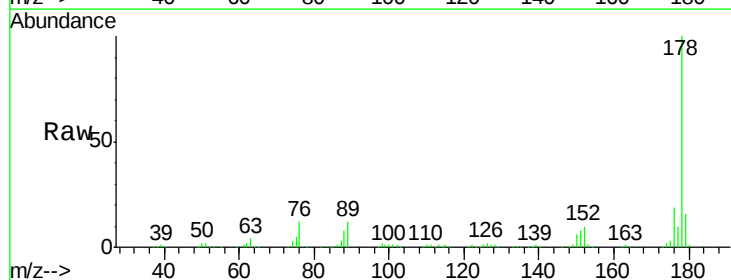
Instrument :
 BNA_F
 ClientSampleId :
 PB91940BS

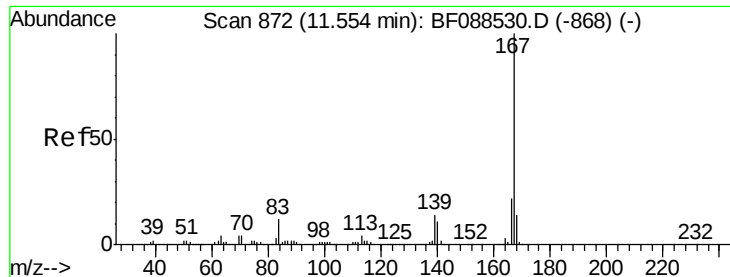
Tot Ion:178 Resp: 649144
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.6
 179 15.3 13.0 19.4



#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

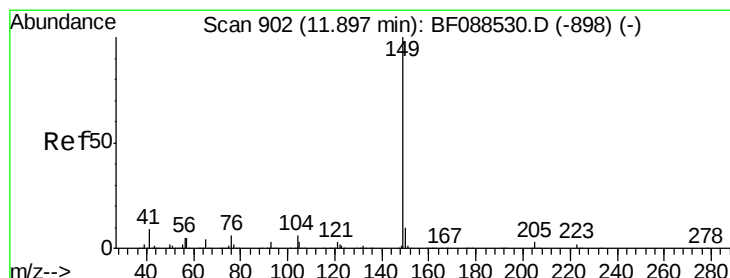
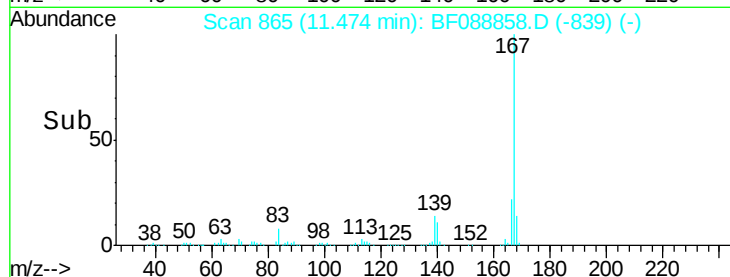
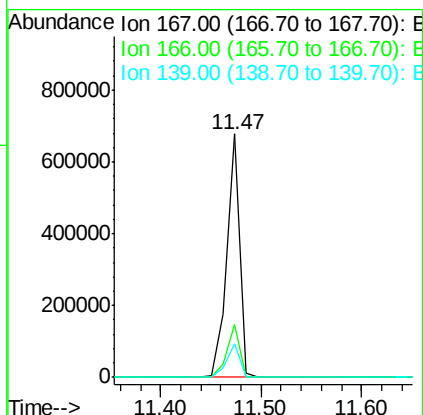
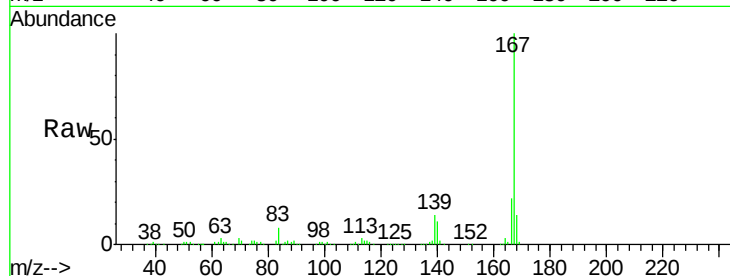




#72
 Carbazole
 Concen: 38.32 ng
 RT: 11.47 min Scan# 865
 Delta R.T. 0.00 min
 Lab File: BF088858.D
 Acq: 9 Jul 2016 7:33

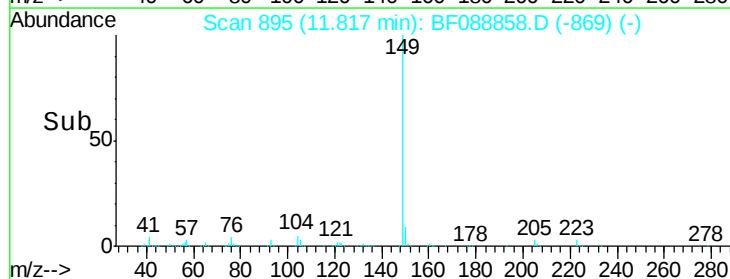
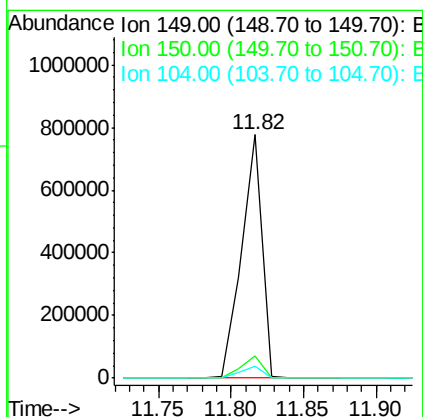
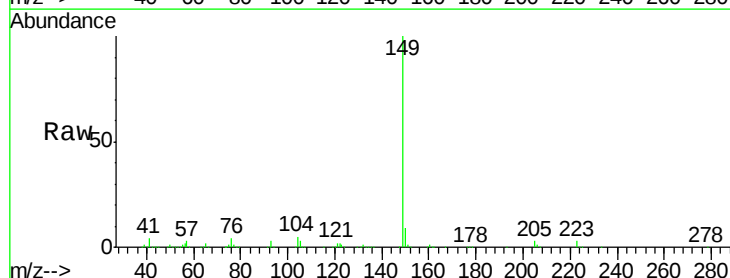
Instrument :
 BNA_F
 ClientSampleId :
 PB91940BS

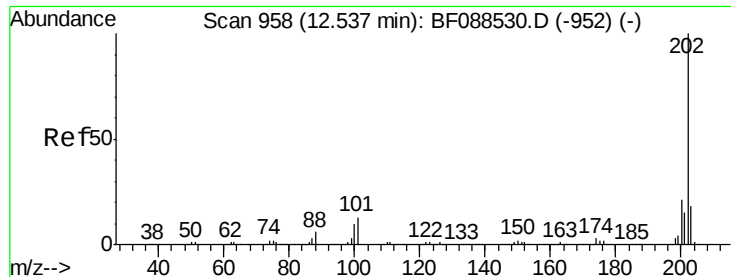
Tot Ion:167 Resp: 599726
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.8 26.6
 139 14.1 11.2 16.8



#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

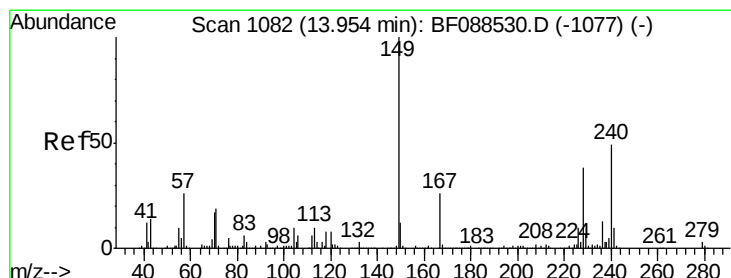
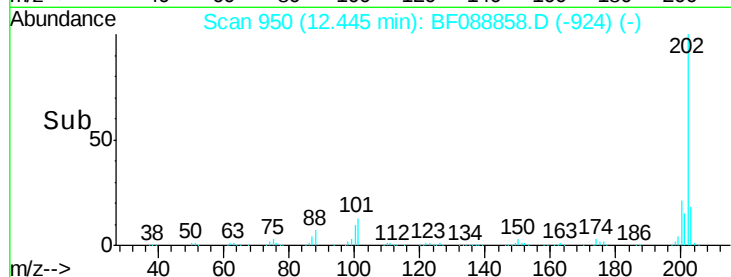
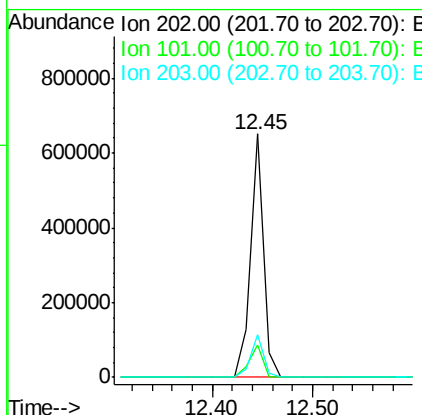
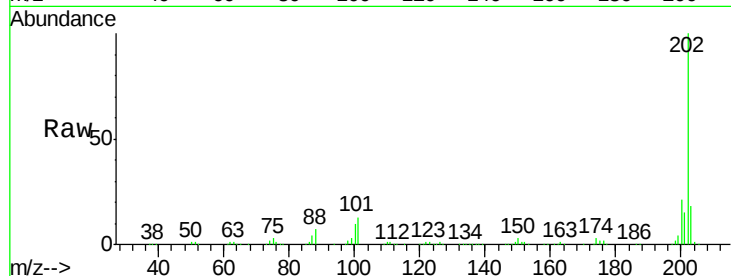




#74
 Fluoranthene
 Concen: 34.48 ng
 RT: 12.45 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: BF088858.D
 Acq: 9 Jul 2016 7:33

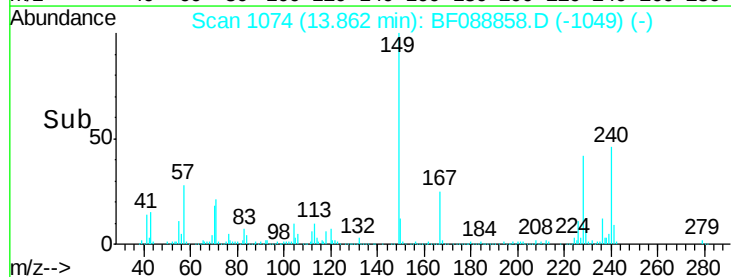
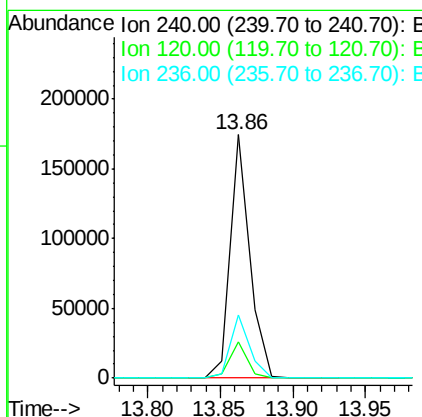
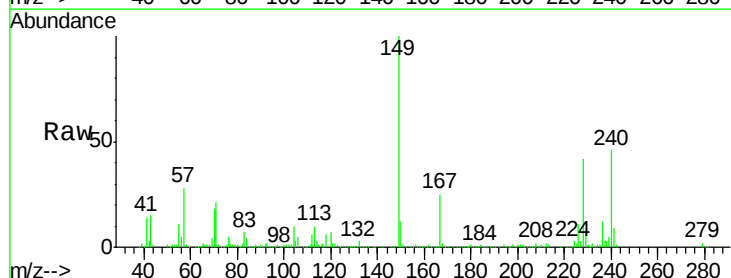
Instrument :
 BNA_F
 ClientSampleId :
 PB91940BS

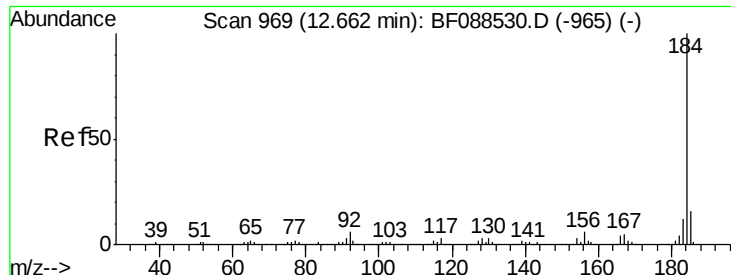
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	33.1
203	17.6	0.0	38.1



#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

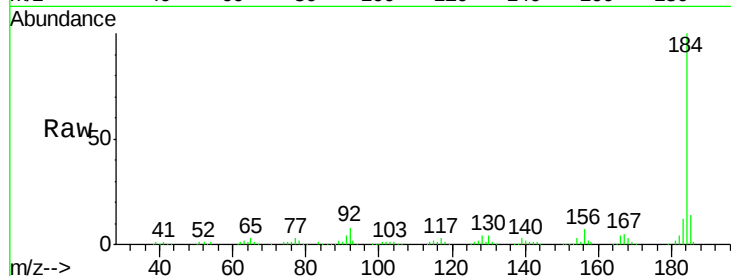




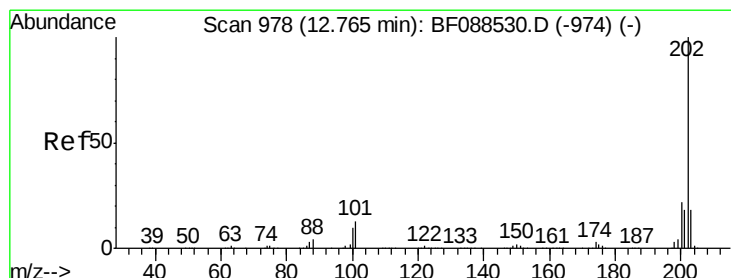
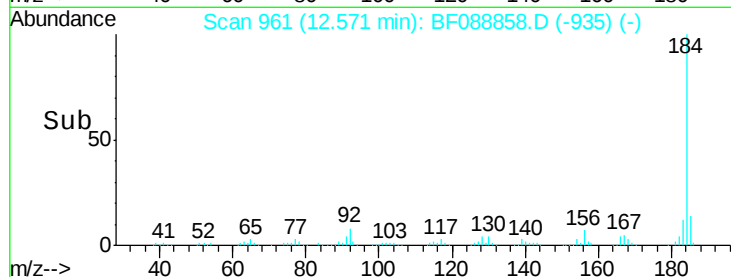
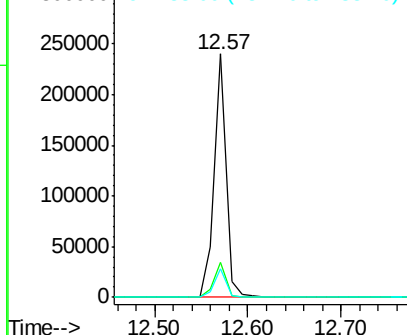
#76
Benzidine
Concen: 25.91 ng
RT: 12.57 min Scan# 961
Delta R.T. 0.00 min
Lab File: BF088858.D
Acq: 9 Jul 2016 7:33

Instrument :
BNA_F
ClientSampleId :
PB91940BS

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

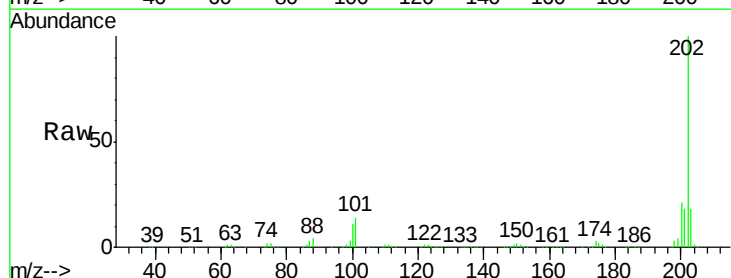


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

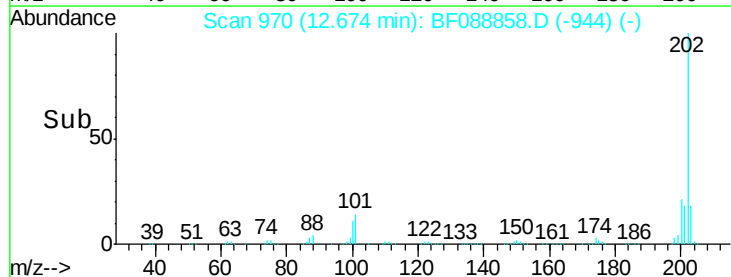
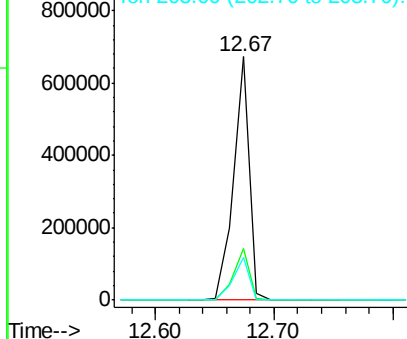


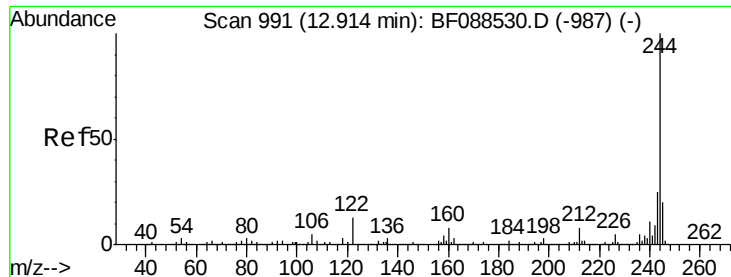
#77
Pyrene
Concen: 44.48 ng
RT: 12.67 min Scan# 970
Delta R.T. 0.00 min
Lab File: BF088858.D
Acq: 9 Jul 2016 7:33

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

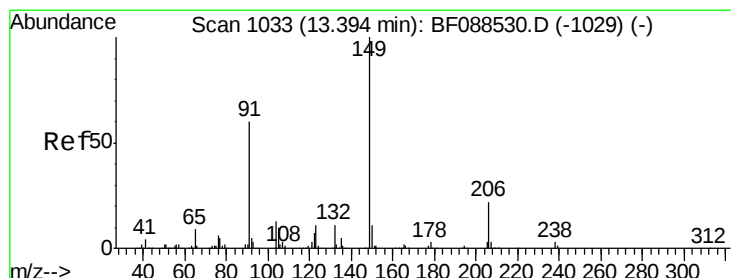
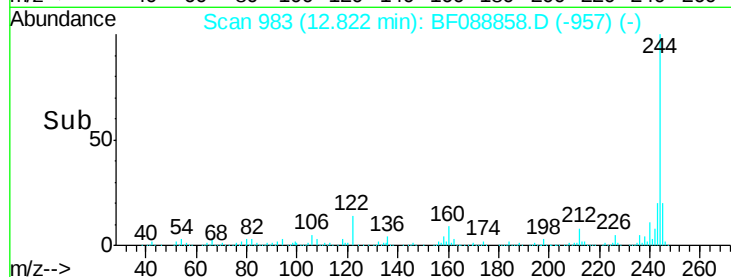
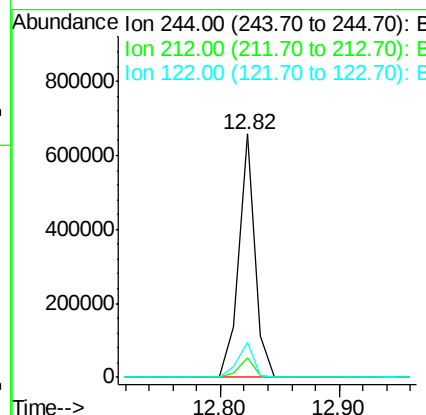
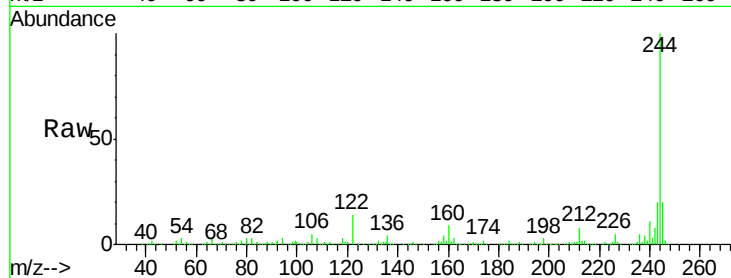




#78
 Terphenyl-d14
 Concen: 85.49 ng
 RT: 12.82 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: BF088858.D
 Acq: 9 Jul 2016 7:33

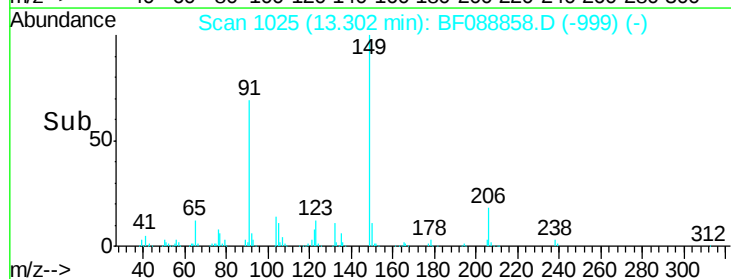
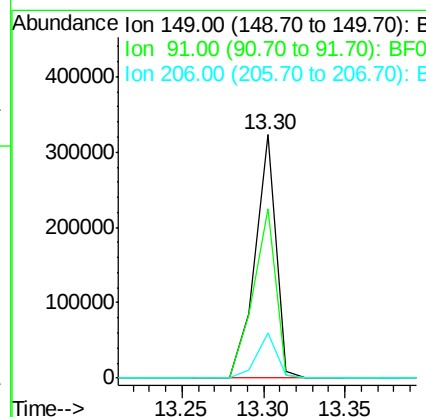
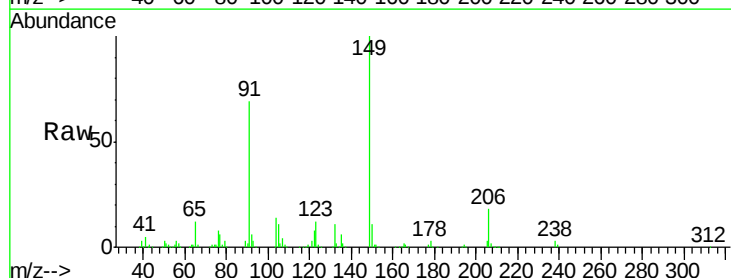
Instrument :
 BNA_F
 ClientSampleId :
 PB91940BS

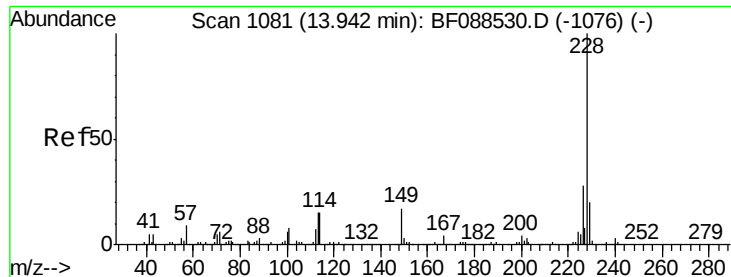
Tot Ion:244 Resp: 627017
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.0 9.0
 122 14.5 11.2 16.8



#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 :

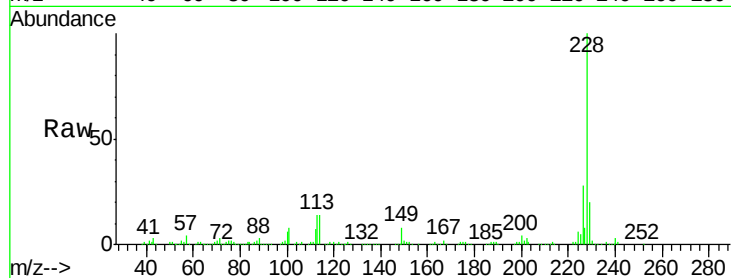
BNA_F

ClientSampleId :

PB91940BS

Tot Ion:228 Resp: 395840

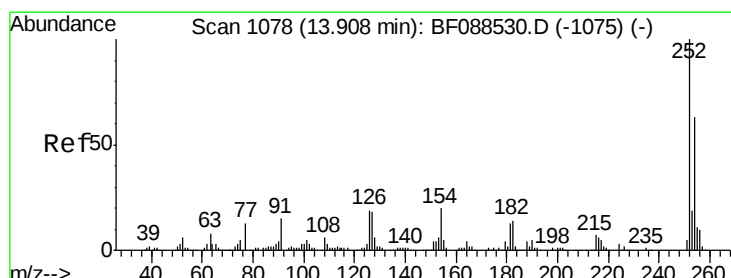
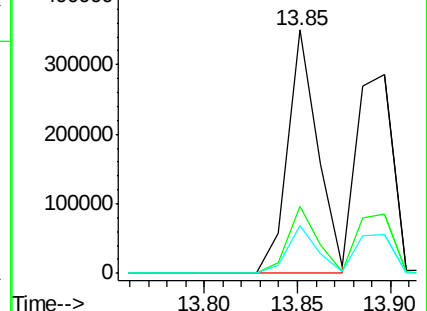
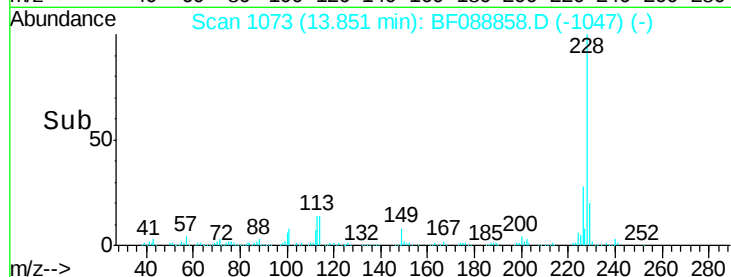
Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.3	33.5
229	19.7	16.0	24.0



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

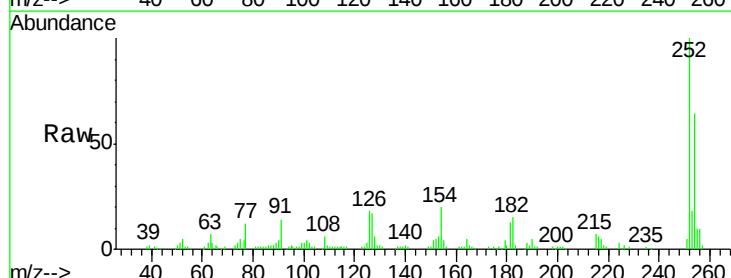
Delta R.T. -0.01 min

Lab File: BF088858.D

Acq: 9 Jul 2016 7:33

Tgt Ion:252 Resp: 80780

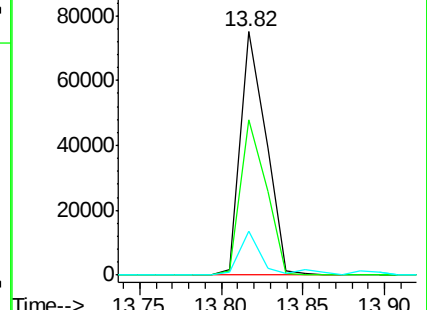
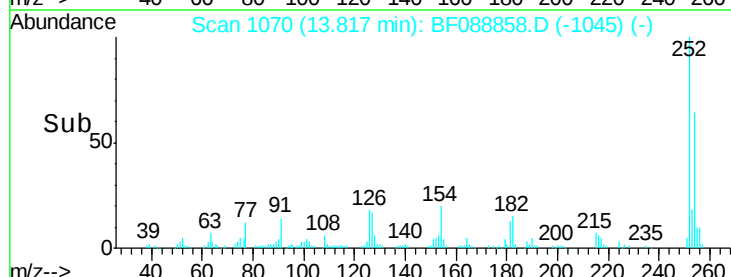
Ion	Ratio	Lower	Upper
252	100		
254	63.7	52.6	78.8
126	18.0	6.2	9.2#

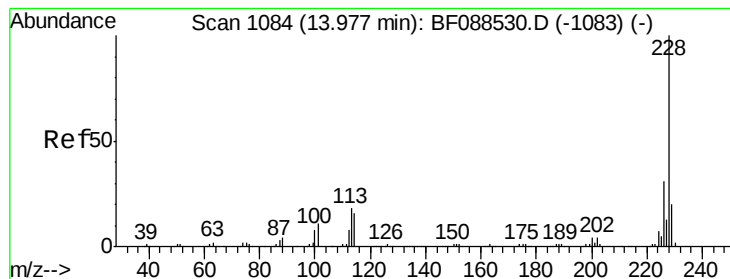


Abundance Ion 252.00 (251.70 to 252.70): E

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

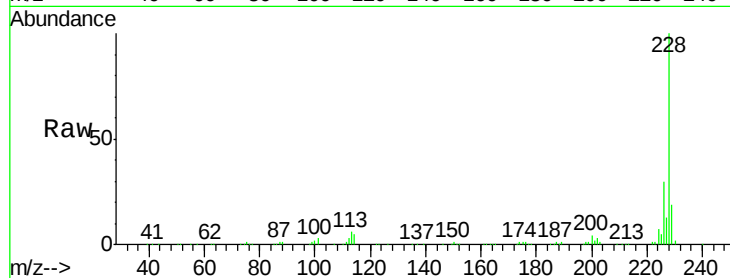
Tot Ion:228 Resp: 388814

Ion Ratio Lower Upper

228 100

226 30.2 25.4 38.2

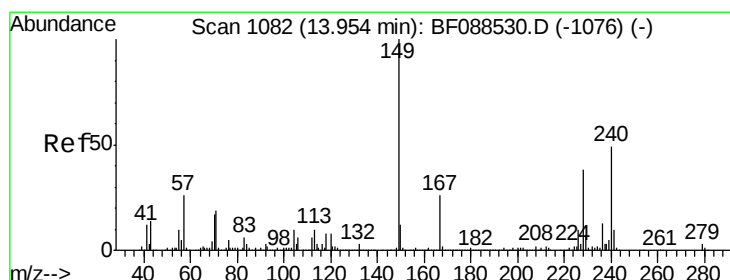
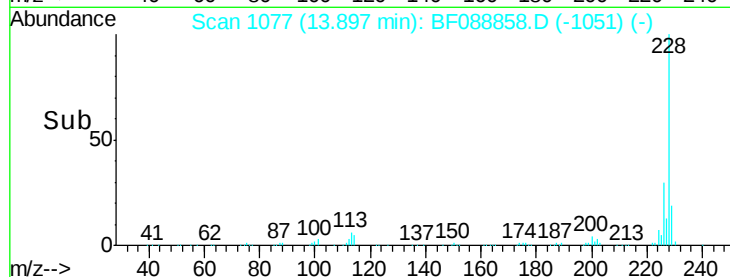
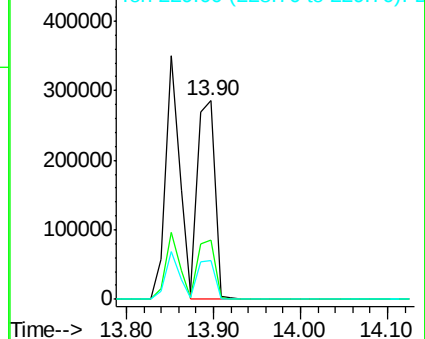
229 19.5 16.3 24.5



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

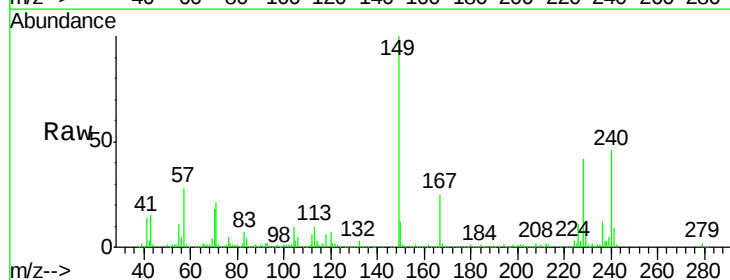
Tgt Ion:149 Resp: 325535

Ion Ratio Lower Upper

149 100

167 24.7 20.5 30.7

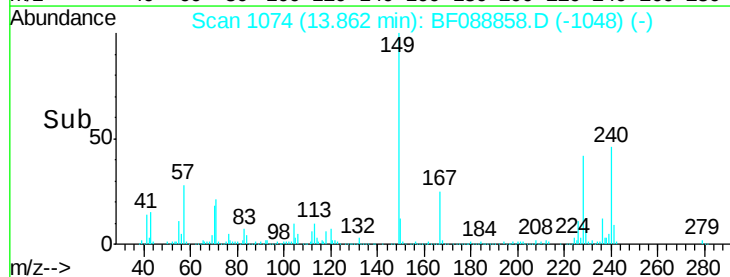
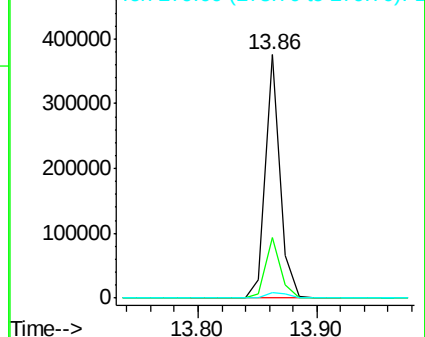
279 2.4 2.0 3.0

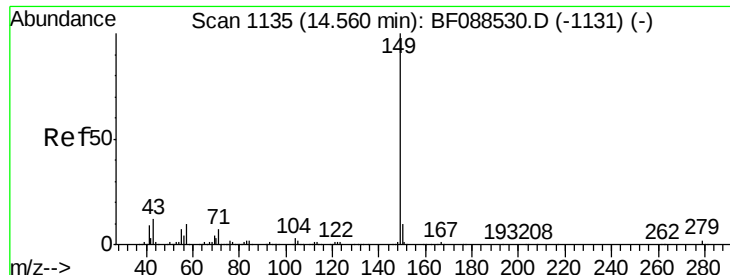


Abundance Ion 149.00 (148.70 to 149.70): E

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

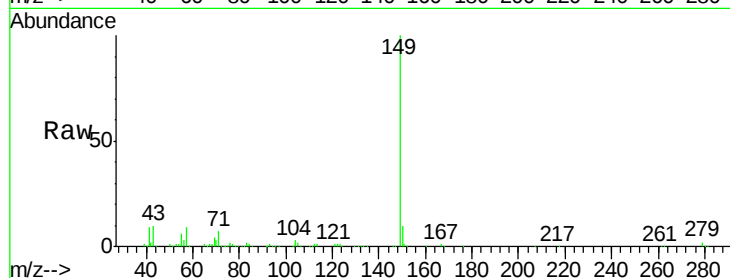
Tot Ion:149 Resp: 483155

Ion Ratio Lower Upper

149 100

167 1.4 0.0 0.0#

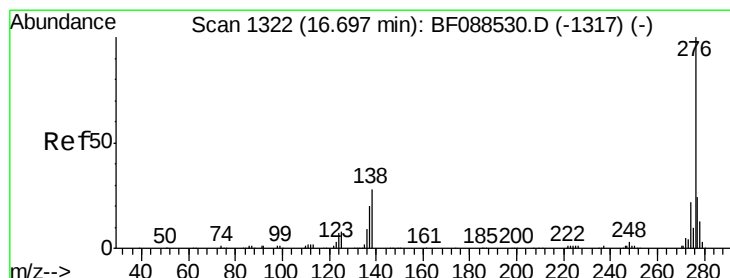
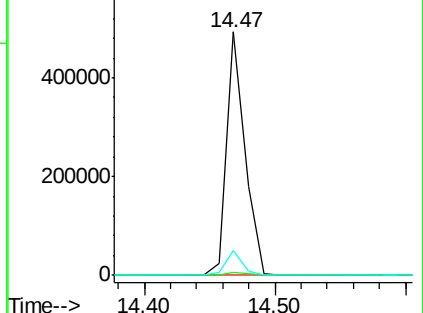
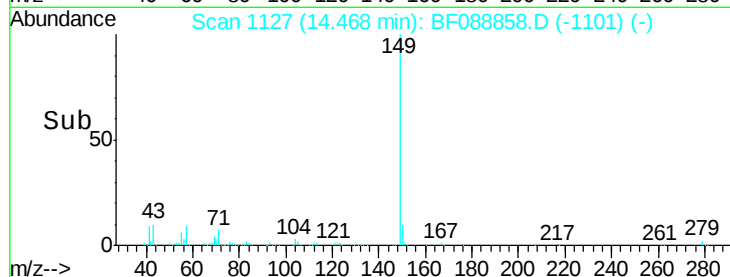
43 9.1 0.0 0.0#



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

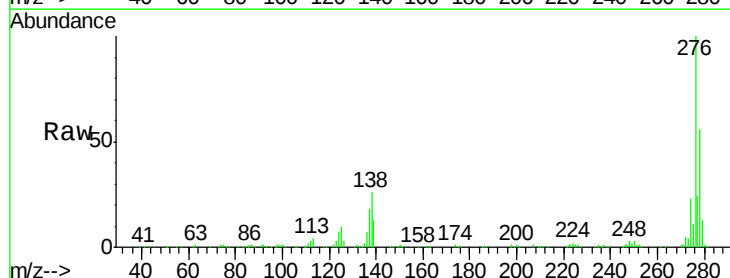
Tgt Ion:276 Resp: 443181

Ion Ratio Lower Upper

276 100

138 27.0 0.0 0.0#

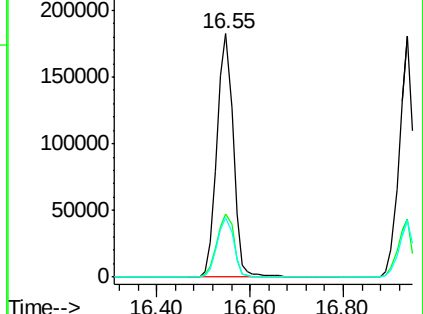
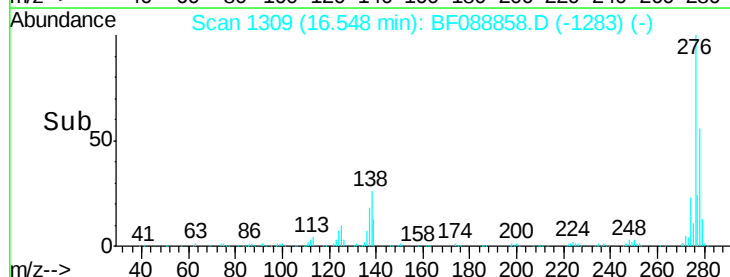
277 25.0 0.0 0.0#

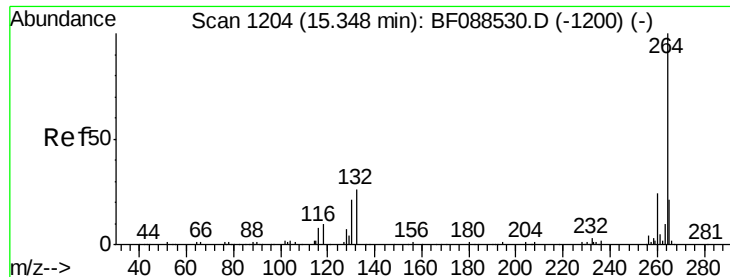


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

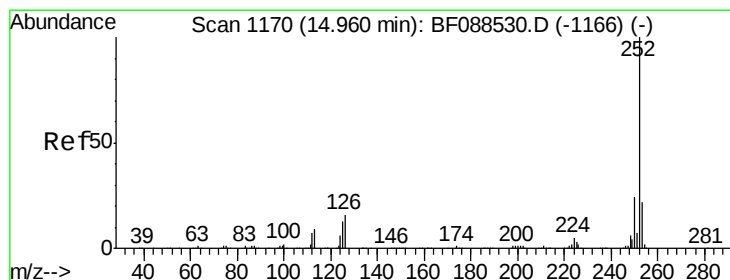
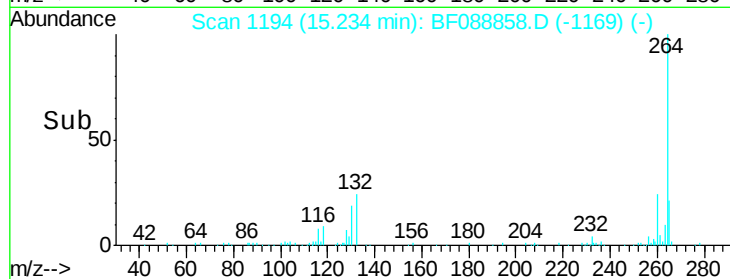
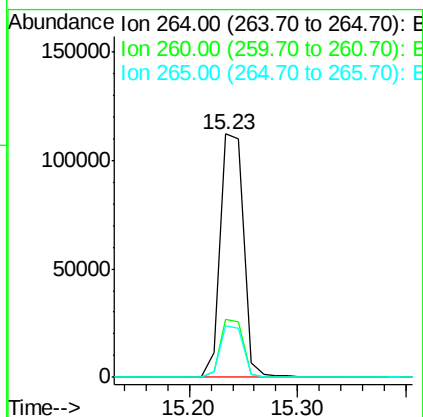
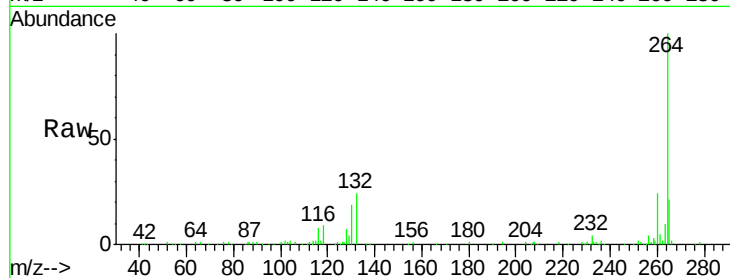




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.23 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BF088858.D
Acq: 9 Jul 2016 7:33

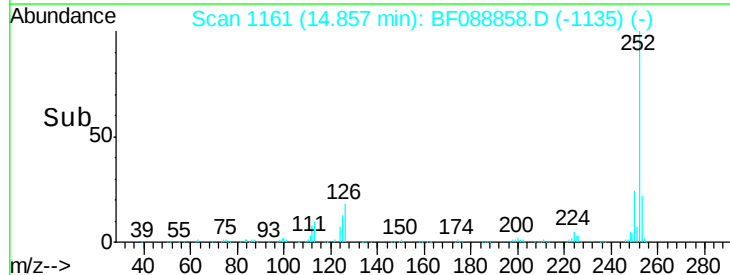
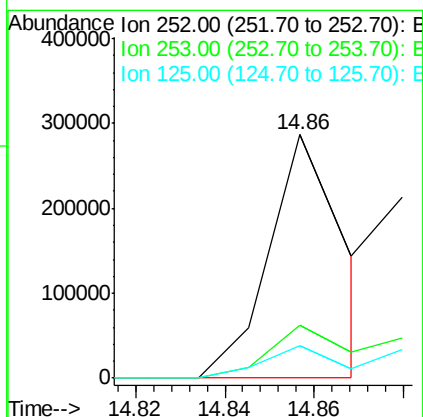
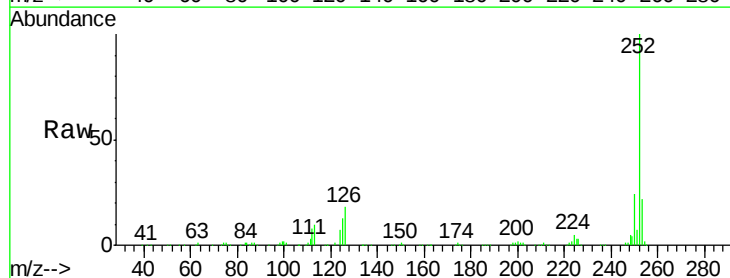
Instrument :
BNA_F
ClientSampleId :
PB91940BS

Tot 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: 31.98 ng m
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: 335982
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 13.3 7.1 10.7#

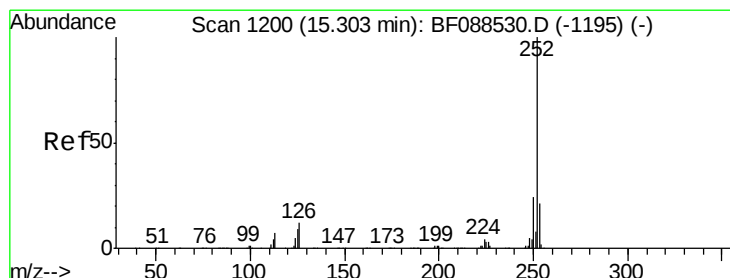
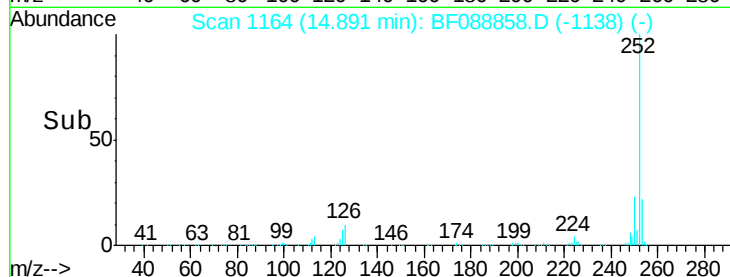
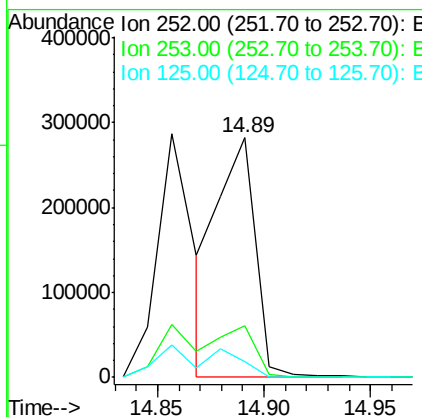
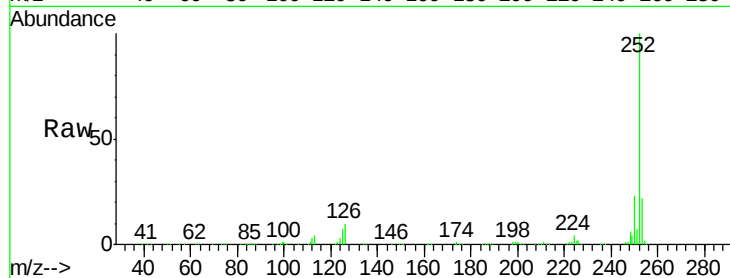




#88
Benzo(k)fluoranthene
Concen: 38.60 ng m
RT: 14.89 min Scan# 1164
Delta R.T. 0.00 min
Lab File: BF088858.D
Acq: 9 Jul 2016 7:33

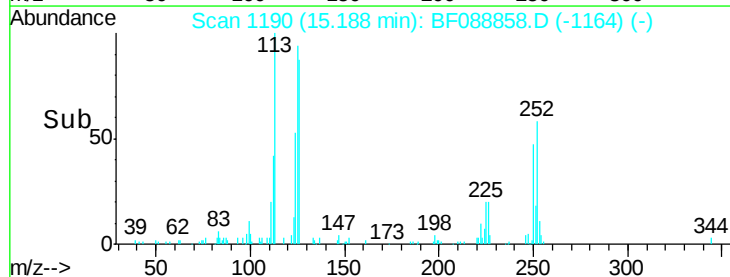
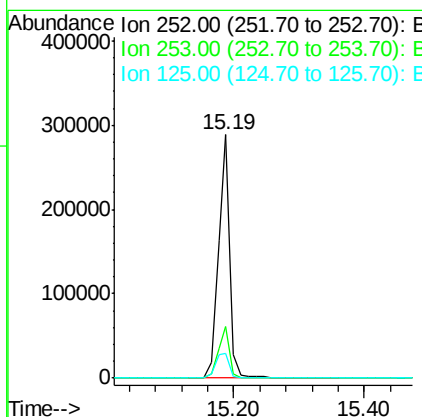
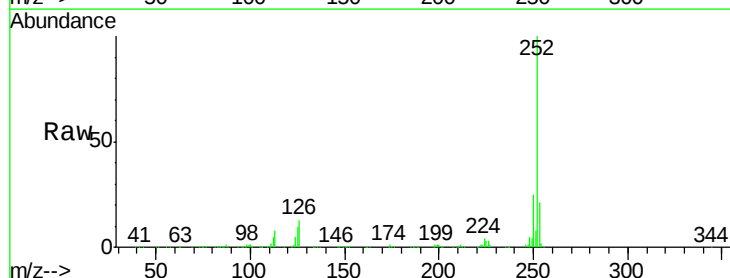
Instrument :
BNA_F
ClientSampleId :
PB91940BS

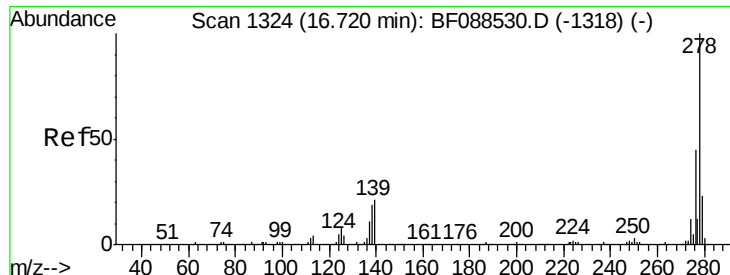
Tot Ion:252 Resp: 353004
Ion Ratio Lower Upper
252 100
253 21.5 18.0 27.0
125 6.6 11.2 16.8#



#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#



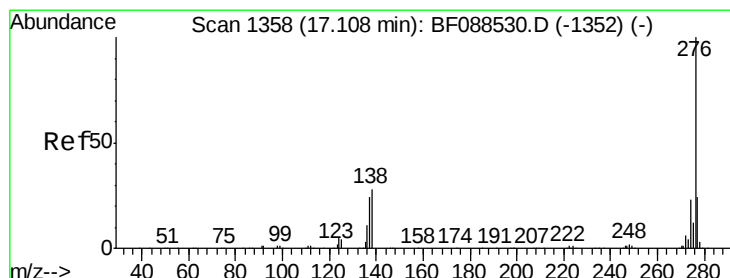
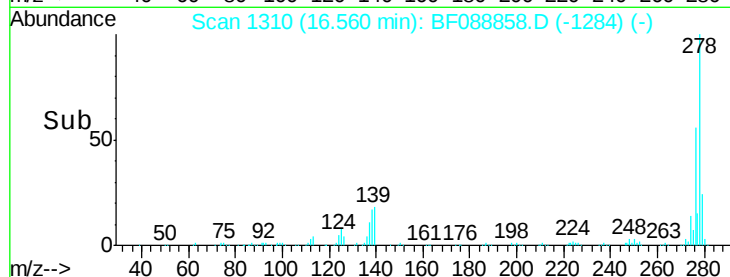
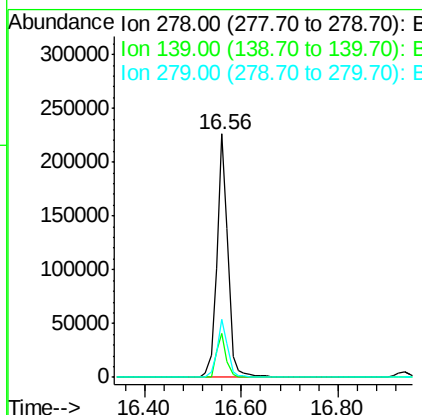
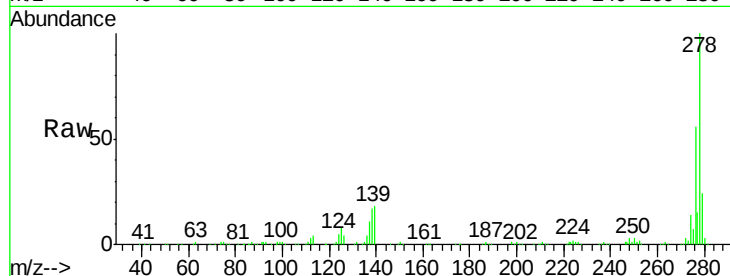


#90
Dibenzo(a,h)anthracene
Concen: 49.32 ng
RT: 16.56 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BF088858.D
Acq: 9 Jul 2016 7:33

Instrument :
BNA_F
ClientSampleId :
PB91940BS

Tot 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

