

Data Path : V:\HPCHEM1\BNA F\DATA\BF071116\
 Data File : BF088898.D
 Acq On : 11 Jul 2016 14:25
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 11 17:14:57 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	6.71	152	69671	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	299796	20.00	ng	-0.02
38) Acenaphthene-d10	9.75	164	137319	20.00	ng	-0.02
63) Phenanthrene-d10	11.22	188	264662	20.00	ng	-0.02
75) Chrysene-d12	13.85	240	194523	20.00	ng	-0.02
86) Perylene-d12	15.21	264	171543	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	357000	76.79	ng	-0.03
7) Phenol-d6	6.35	99	448451	74.66	ng	-0.02
23) Nitrobenzene-d5	7.28	82	399616	69.85	ng	-0.02
41) 2,4,6-Tribromophenol	10.54	330	126760	99.41	ng	-0.02
44) 2-Fluorobiphenyl	9.07	172	701050	80.64	ng	-0.02
78) Terphenyl-d14	12.80	244	701071	80.27	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.22	88	85354	37.03	ng	# 41
3) Pyridine	2.88	79	234169	35.01	ng	92
4) n-Nitrosodimethylamine	2.83	42	85711	33.55	ng	88
6) Aniline	6.38	93	326211	37.26	ng	99
8) 2-Chlorophenol	6.49	128	194935	39.02	ng	98
9) Benzaldehyde	6.25	77	133094	32.71	ng	87
10) Phenol	6.36	94	244932	35.73	ng	# 49
11) bis(2-Chloroethyl)ether	6.46	93	204760	40.05	ng	# 82
12) 1,3-Dichlorobenzene	6.65	146	225844	41.08	ng	99
13) 1,4-Dichlorobenzene	6.73	146	236833	43.40	ng	99
14) 1,2-Dichlorobenzene	6.88	146	197476	38.66	ng	# 88
15) Benzyl Alcohol	6.86	79	160755	36.36	ng	92
16) 2,2'-oxybis(1-Chloropropan	6.99	45	239727	32.38	ng	90
17) 2-Methylphenol	6.98	107	167920	41.20	ng	99
18) Hexachloroethane	7.22	117	84159	39.87	ng	# 83
19) n-Nitroso-di-n-propylamine	7.14	70	157690	39.08	ng	# 84
20) 3+4-Methylphenols	7.13	107	183928	37.60	ng	# 70
22) Acetophenone	7.13	105	299294	41.13	ng	# 90
24) Nitrobenzene	7.30	77	237215	41.13	ng	93
25) Isophorone	7.54	82	377255	35.60	ng	97
26) 2-Nitrophenol	7.61	139	97520	41.23	ng	93
27) 2,4-Dimethylphenol	7.67	122	186019	37.76	ng	95
28) bis(2-Chloroethoxy)methane	7.76	93	267553	38.80	ng	# 96
29) 2,4-Dichlorophenol	7.86	162	165384	41.54	ng	96
30) 1,2,4-Trichlorobenzene	7.94	180	179355	41.05	ng	100
31) Naphthalene	8.02	128	638493	43.20	ng	99
32) Benzoic acid	7.80	122	144845	40.50	ng	96
33) 4-Chloroaniline	8.07	127	237553	36.12	ng	95
34) Hexachlorobutadiene	8.15	225	103527	44.25	ng	98
35) Caprolactam	8.44	113	51827	38.33	ng	93
36) 4-Chloro-3-methylphenol	8.56	107	190150	40.39	ng	93
37) 2-Methylnaphthalene	8.71	142	352875	37.08	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	207612	45.46	ng	# 1
40) Hexachlorocyclopentadiene	8.87	237	79394	35.42	ng	99

Data Path : V:\HPCHEM1\BNA F\DATA\BF071116\
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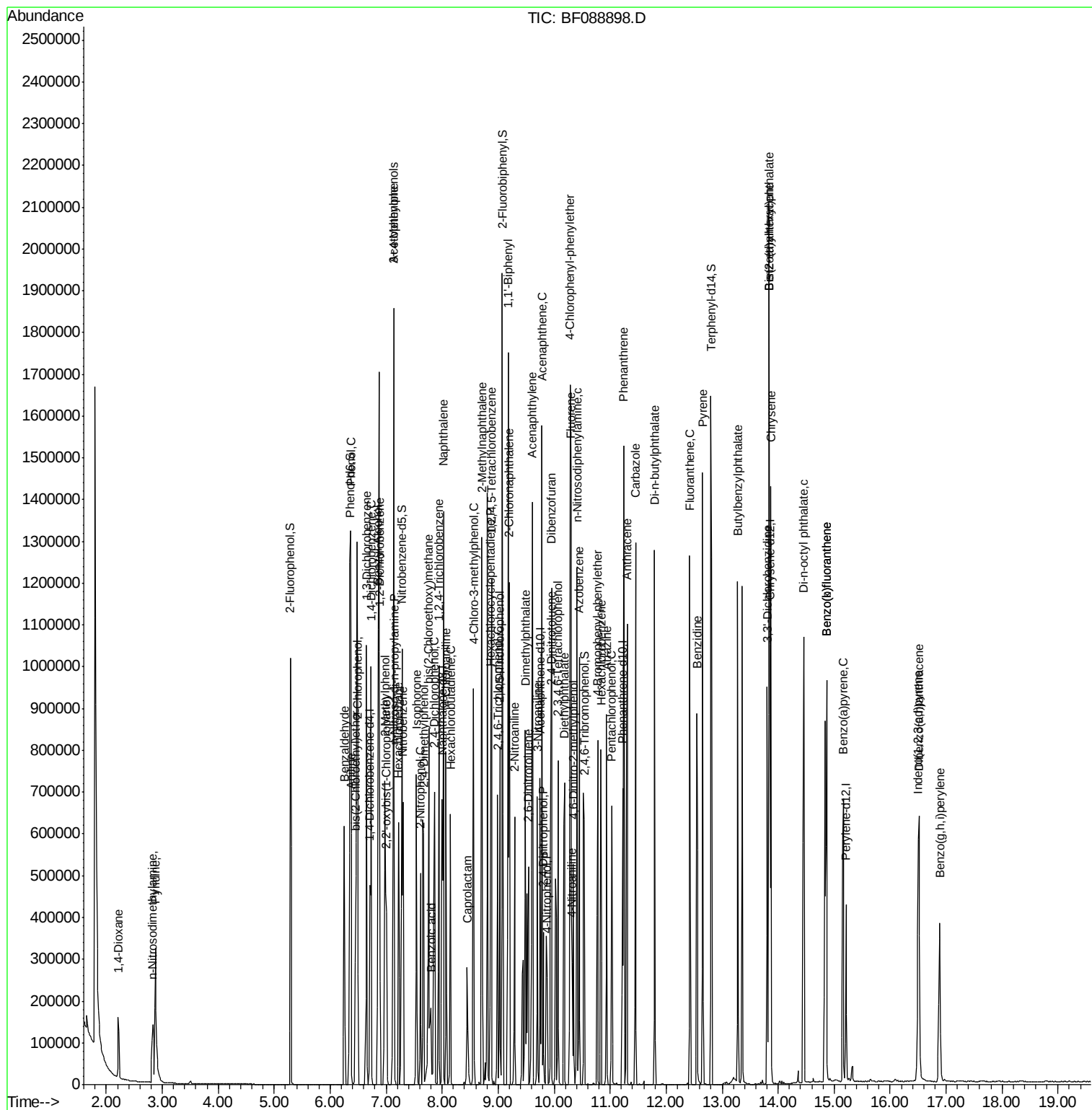
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	120743	40.10	nq	98
43) 2,4,5-Trichlorophenol	9.03	196	111972	43.22	nq #	88
45) 1,1'-Biphenyl	9.18	154	494587	43.50	nq	97
46) 2-Chloronaphthalene	9.20	162	382840	42.89	nq	99
47) 2-Nitroaniline	9.29	65	109587	34.59	nq	98
48) Acenaphthylene	9.61	152	614393	43.26	nq	99
49) Dimethylphthalate	9.48	163	428569	43.81	nq	99
50) 2,6-Dinitrotoluene	9.54	165	100171	46.20	nq	97
51) Acenaphthene	9.78	154	378209	43.44	nq	98
52) 3-Nitroaniline	9.70	138	96694	35.08	nq	91
53) 2,4-Dinitrophenol	9.80	184	40073	41.86	nq #	77
54) Dibenzofuran	9.95	168	486026	42.65	nq #	90
55) 4-Nitrophenol	9.87	139	82039	39.17	nq #	68
56) 2,4-Dinitrotoluene	9.94	165	128491	45.32	nq #	89
57) Fluorene	10.30	166	397719	45.29	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.07	232	81971	40.89	nq #	48
59) Diethylphthalate	10.18	149	411810	41.94	nq	97
60) 4-Chlorophenyl-phenylether	10.28	204	157475	38.59	nq #	87
61) 4-Nitroaniline	10.32	138	112687	42.48	nq	95
62) Azobenzene	10.44	77	419652	37.47	nq	94
64) 4,6-Dinitro-2-methylphenol	10.34	198	58708	41.47	nq	93
65) n-Nitrosodiphenylamine	10.41	169	367168	40.99	nq	99
66) 4-Bromophenyl-phenylether	10.78	248	112160	42.05	nq	94
67) Hexachlorobenzene	10.83	284	113644	38.49	nq #	90
68) Atrazine	10.94	200	97097	34.79	nq	91
69) Pentachlorophenol	11.03	266	64330	36.82	nq	98
70) Phenanthrene	11.24	178	525049	36.29	nq	99
71) Anthracene	11.30	178	605034	42.06	nq	98
72) Carbazole	11.45	167	472100	34.87	nq	99
73) Di-n-butylphthalate	11.79	149	611359	38.82	nq	99
74) Fluoranthene	12.42	202	552241	37.65	nq	98
76) Benzidine	12.55	184	427140	43.44	nq	99
77) Pyrene	12.65	202	562736	34.12	nq	99
79) Butylbenzylphthalate	13.28	149	256896	34.92	nq #	76
80) Benzo(a)anthracene	13.84	228	488835	39.03	nq	98
81) 3,3'-Dichlorobenzidine	13.81	252	194864	41.38	nq #	98
82) Chrysene	13.87	228	490914	39.61	nq	98
83) Bis(2-ethylhexyl)phthalate	13.84	149	341279	40.63	nq #	97
84) Di-n-octyl phthalate	14.46	149	622254	43.61	nq #	100
85) Indeno(1,2,3-cd)pyrene	16.50	276	355298	37.27	nq #	100
87) Benzo(b)fluoranthene	14.87	252	839704	78.03	nq	100
88) Benzo(k)fluoranthene	14.87	252	839704	89.64	nq #	94
89) Benzo(a)pyrene	15.17	252	382707	42.00	nq #	92
90) Dibenzo(a,h)anthracene	16.51	278	308842	40.59	nq	99
91) Benzo(g,h,i)perylene	16.89	276	307490	39.06	nq #	94

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 448

Delta R.T. -0.02 min

Lab File: BF088898.D

Acq: 11 Jul 2016 14:25

Instrument :

BNA_F

ClientSampleId :

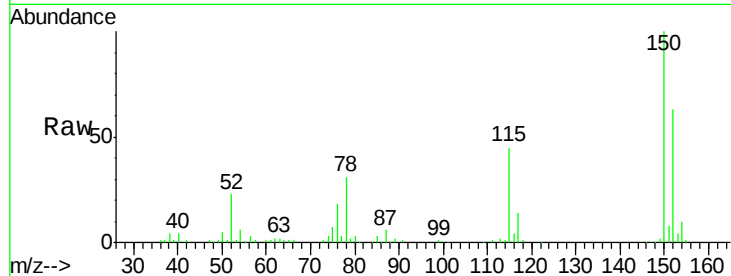
Tot Ion:152 Resp: 69671

Ion Ratio Lower Upper

152 100

150 159.6 123.8 185.6

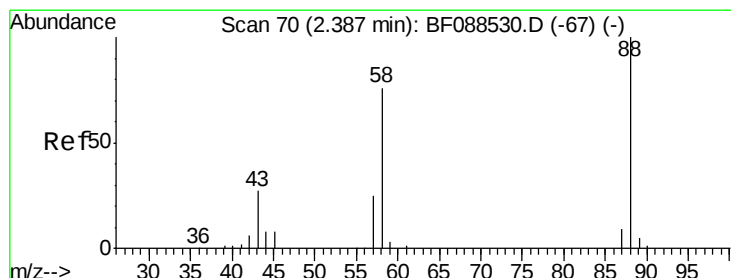
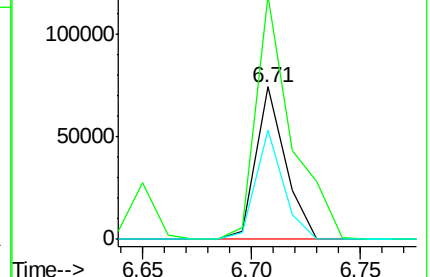
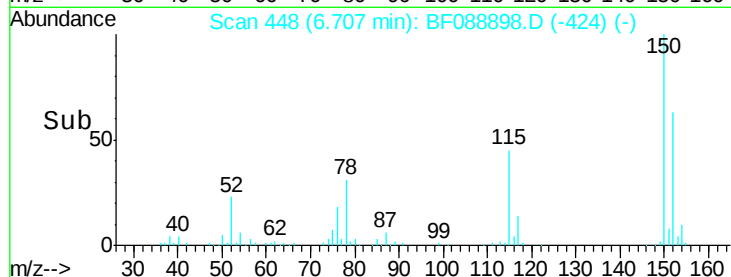
115 71.5 39.6 59.4#



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



#2

1,4-Dioxane

Concen: 37.03 ng

RT: 2.22 min Scan# 55

Delta R.T. -0.02 min

Lab File: BF088898.D

Acq: 11 Jul 2016 14:25

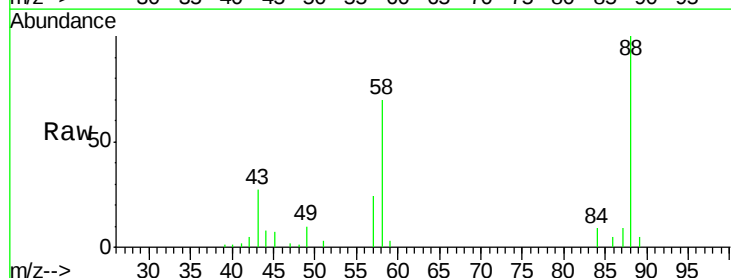
Tgt Ion: 88 Resp: 85354

Ion Ratio Lower Upper

88 100

58 62.8 0.0 0.0#

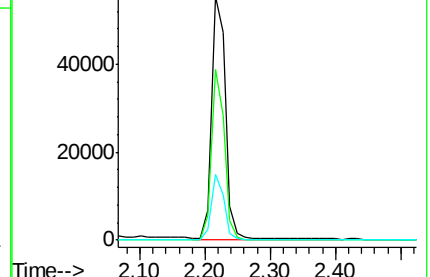
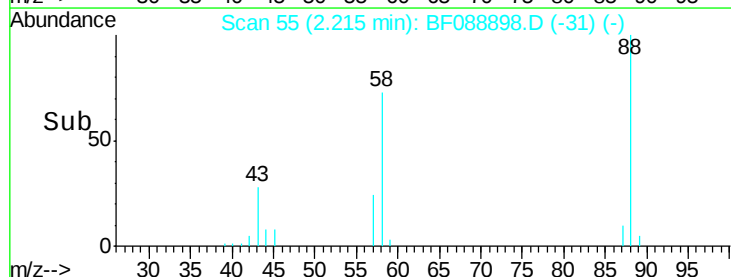
43 23.8 3.4 5.2#



Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 35.01 ng

RT: 2.88 min Scan# 113

Delta R.T. -0.02 min

Lab File: BF088898.D

Acq: 11 Jul 2016 14:25

Instrument :

BNA_F

ClientSampleId :

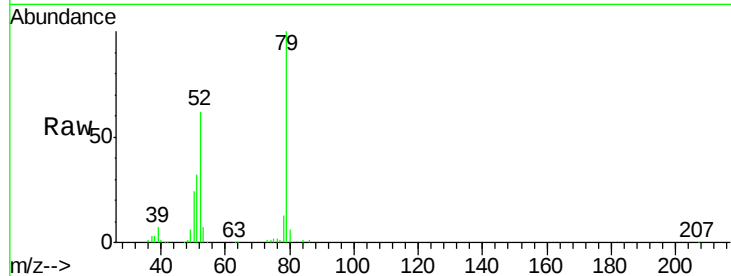
Tot Ion: 79 Resp: 234169

Ion Ratio Lower Upper

79 100

52 62.0 56.3 84.5

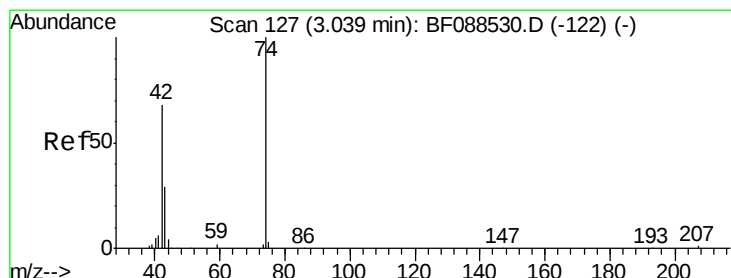
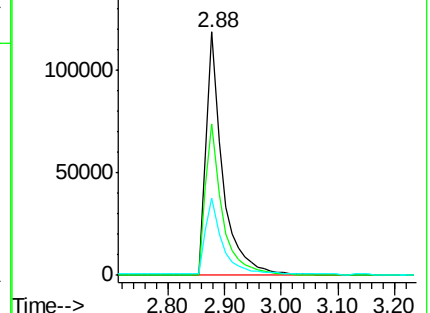
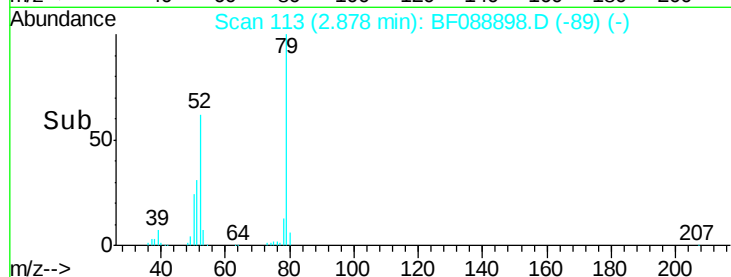
51 31.6 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 33.55 ng

RT: 2.83 min Scan# 109

Delta R.T. -0.03 min

Lab File: BF088898.D

Acq: 11 Jul 2016 14:25

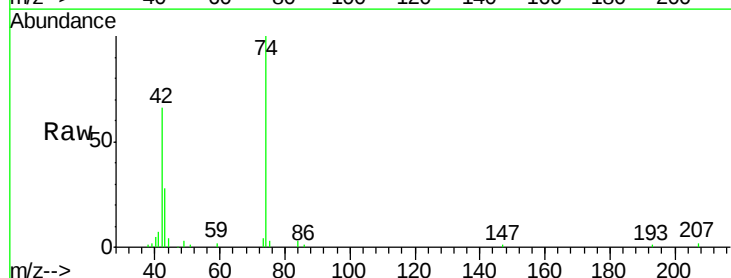
Tgt Ion: 42 Resp: 85711

Ion Ratio Lower Upper

42 100

74 150.4 108.6 163.0

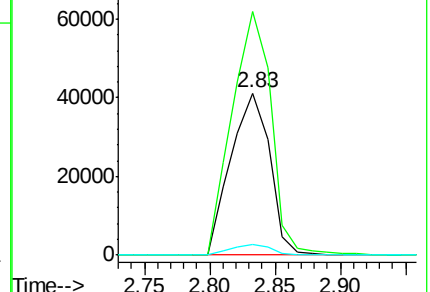
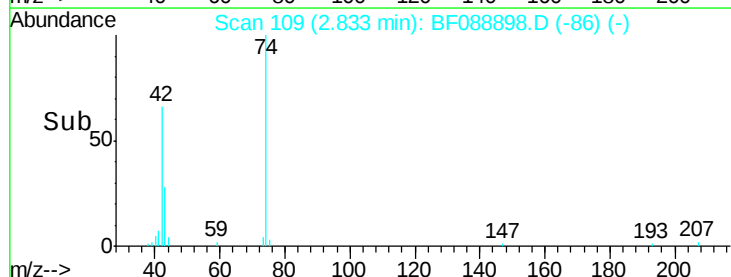
44 6.4 5.5 8.3



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: 76.79 ng

RT: 5.29 min Scan# 324

Delta R.T. -0.03 min

Lab File: BF088898.D

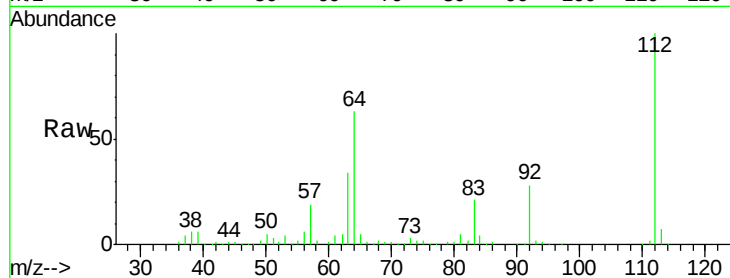
Acq: 11 Jul 2016 14:25

Instrument :

BNA_F

ClientSampleId :

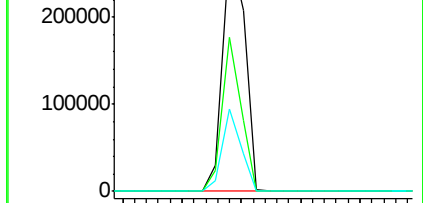
Tot Ion:	112	Resp:	357000
Ion Ratio	Lower	Upper	
112	100		
64	63.0	42.2	63.2
63	33.6	21.8	32.8#



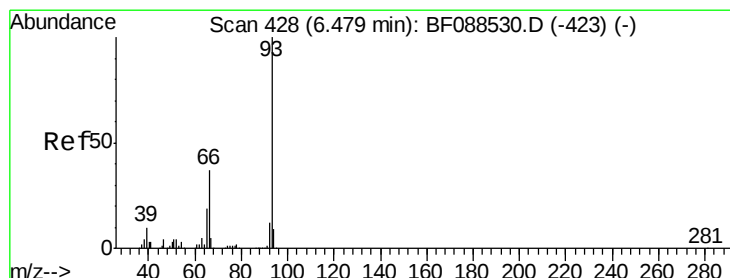
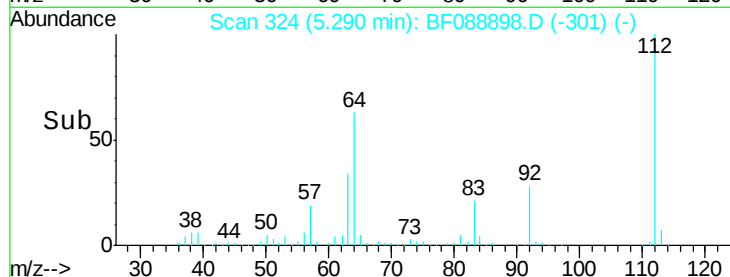
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



Time-->



#6

Aniline

Concen: 37.26 ng

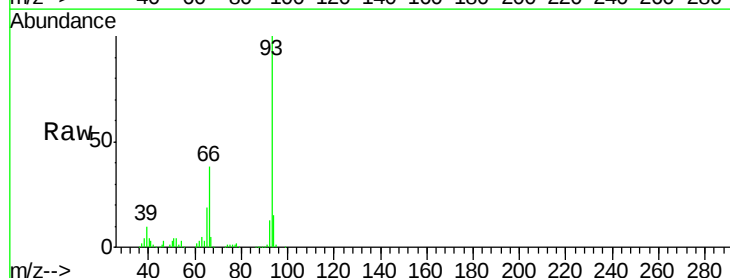
RT: 6.38 min Scan# 419

Delta R.T. -0.02 min

Lab File: BF088898.D

Acq: 11 Jul 2016 14:25

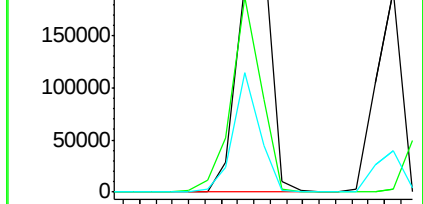
Tgt Ion:	93	Resp:	326211
Ion Ratio	Lower	Upper	
93	100		
66	37.9	29.8	44.8
65	18.9	14.9	22.3



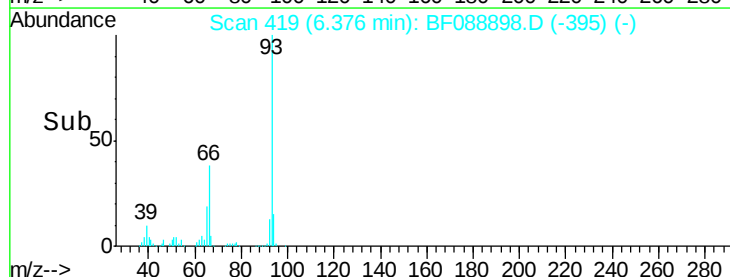
Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



Time-->





#7

Phenol-d6

Concen: 74.66 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.02 min

Lab File: BF088898.D

Acq: 11 Jul 2016 14:25

Instrument :

BNA_F

ClientSampled :

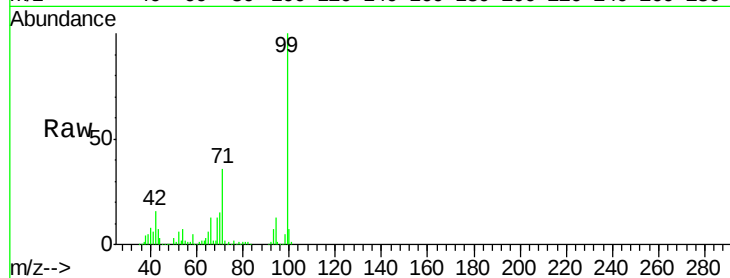
Tot Ion: 99 Resp: 448451

Ion Ratio Lower Upper

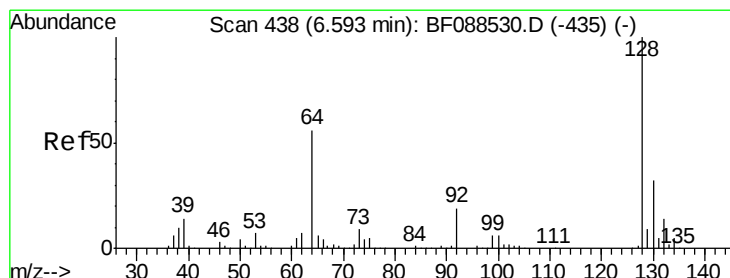
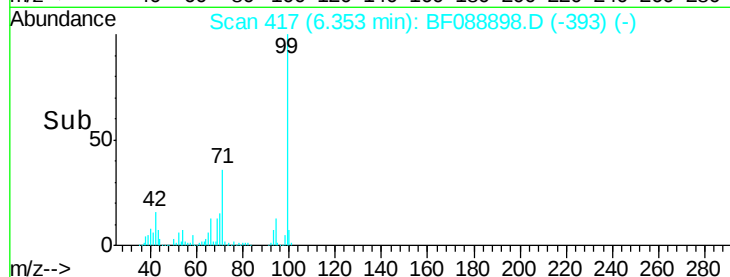
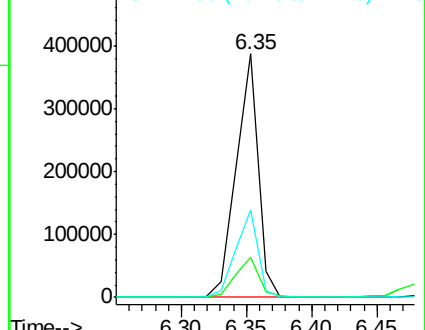
99 100

42 16.3 12.2 18.2

71 35.9 23.4 35.0#



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.02 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.02 min

Lab File: BF088898.D

Acq: 11 Jul 2016 14:25

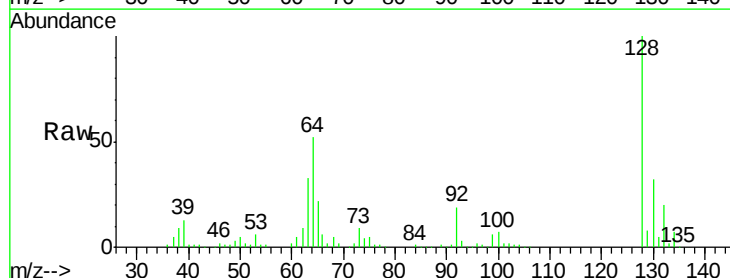
Tgt Ion: 128 Resp: 194935

Ion Ratio Lower Upper

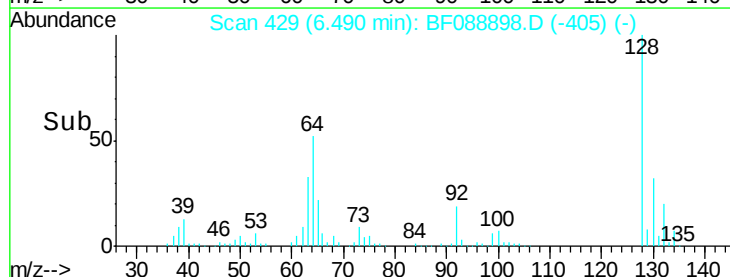
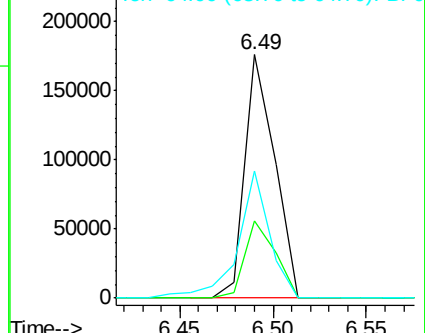
128 100

130 31.5 12.0 52.0

64 52.1 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: 32.71 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.02 min

Lab File: BF088898.D

Acq: 11 Jul 2016 14:25

Instrument :

BNA_F

ClientSampled :

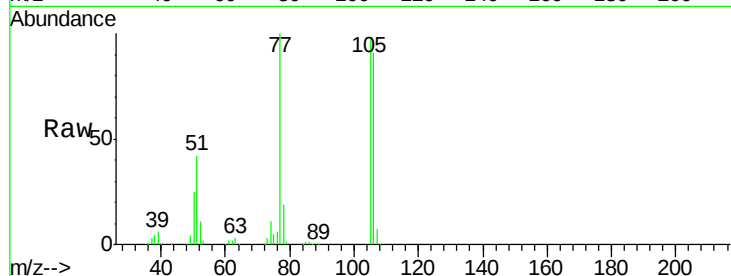
Tot Ion: 77 Resp: 133094

Ion Ratio Lower Upper

77 100

105 97.9 90.6 130.6

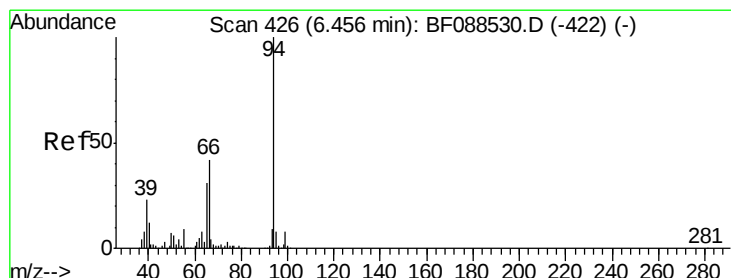
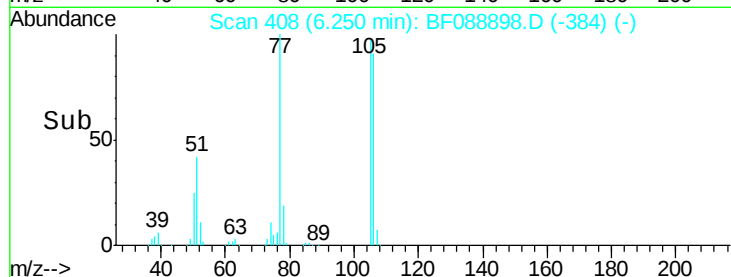
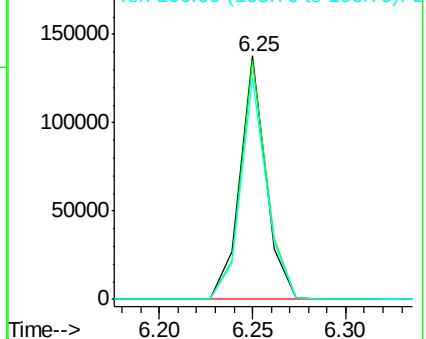
106 91.2 85.3 125.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 35.73 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.02 min

Lab File: BF088898.D

Acq: 11 Jul 2016 14:25

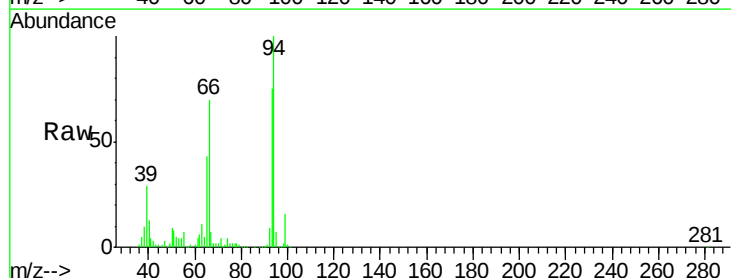
Tgt Ion: 94 Resp: 244932

Ion Ratio Lower Upper

94 100

65 43.0 5.9 45.9

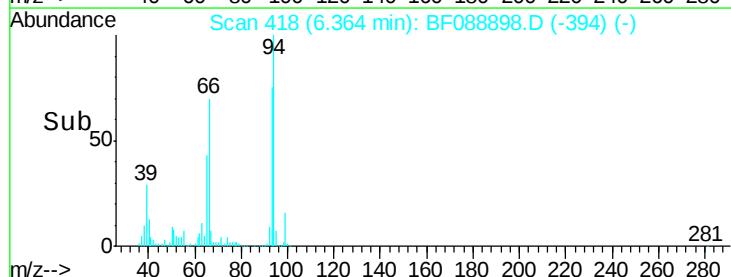
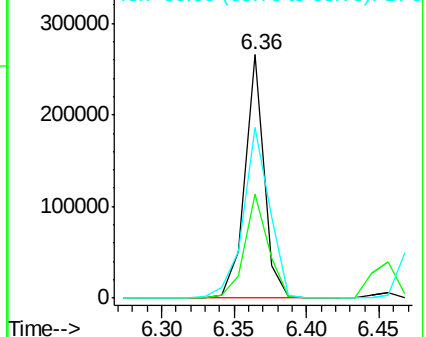
66 70.3 14.0 54.0#

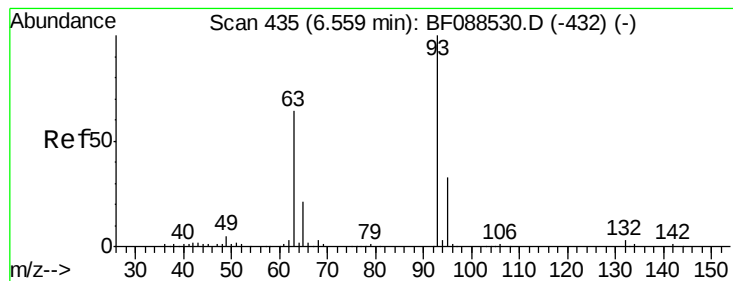


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

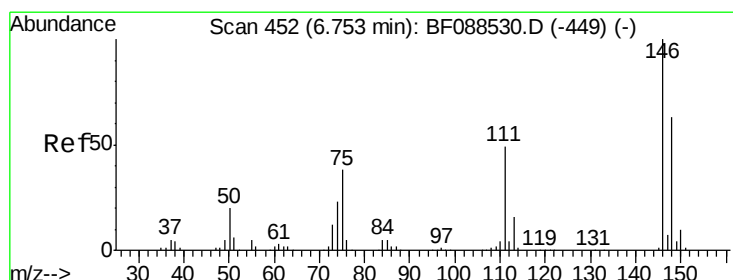
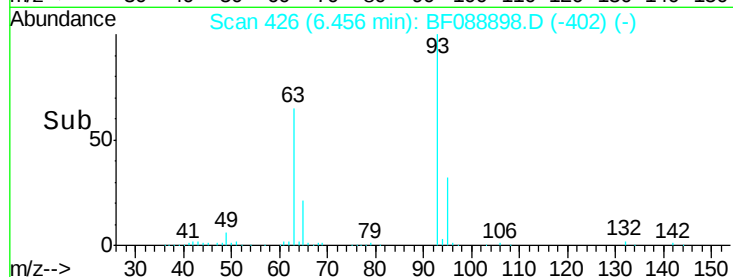
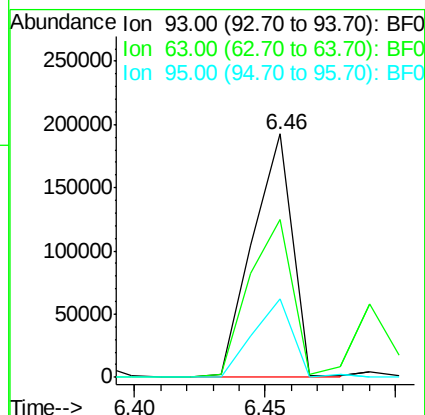
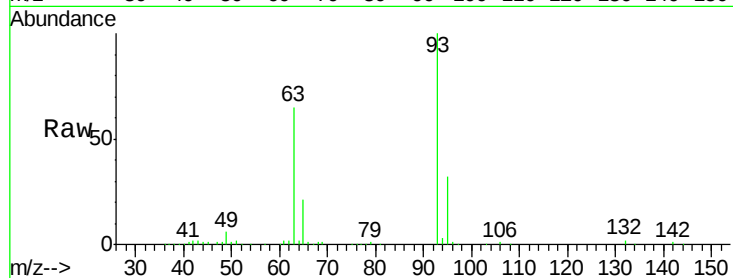




#11
bis(2-Chloroethyl)ether
Concen: 40.05 ng
RT: 6.46 min Scan# 426
Delta R.T. -0.02 min
Lab File: BF088898.D
Acq: 11 Jul 2016 14:25

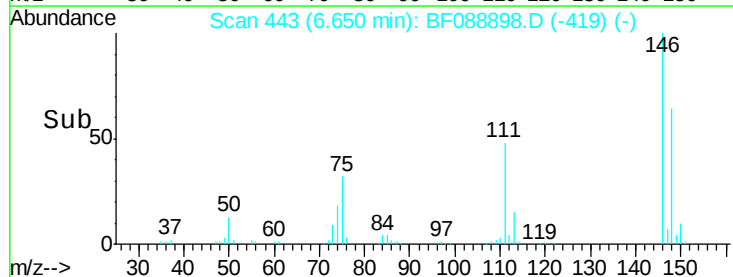
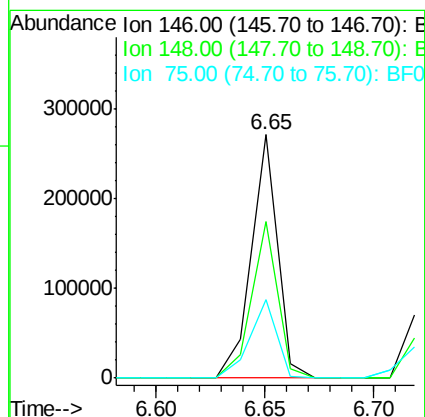
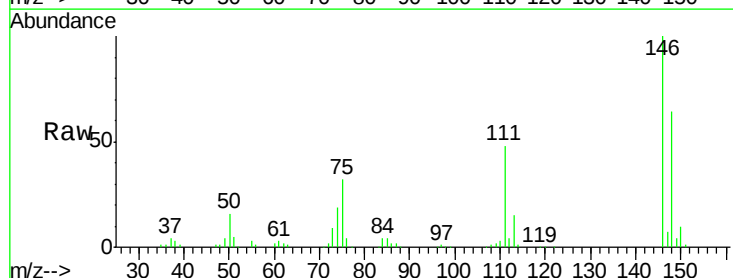
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 204760
Ion Ratio Lower Upper
93 100
63 64.9 67.6 107.6#
95 32.0 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 41.08 ng
RT: 6.65 min Scan# 443
Delta R.T. -0.02 min
Lab File: BF088898.D
Acq: 11 Jul 2016 14:25

Tgt Ion: 146 Resp: 225844
Ion Ratio Lower Upper
146 100
148 64.1 50.9 76.3
75 32.4 25.6 38.4

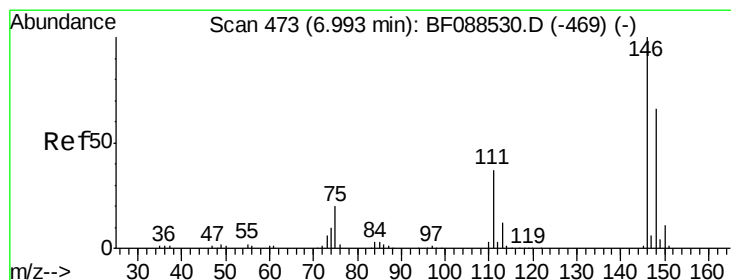
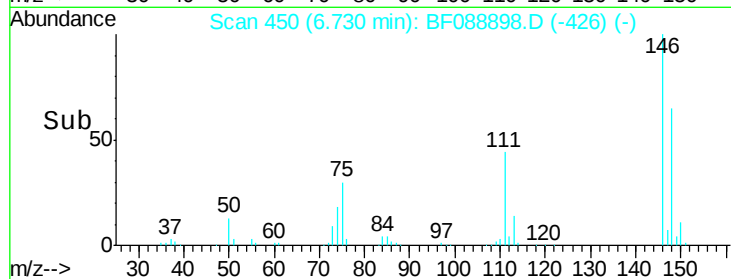
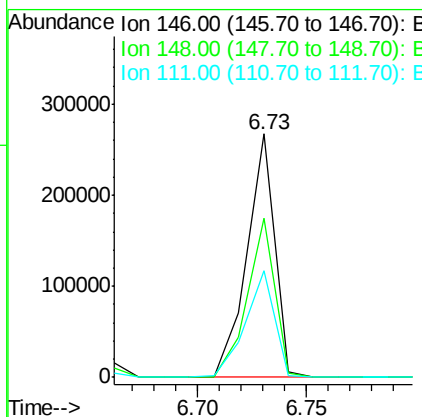
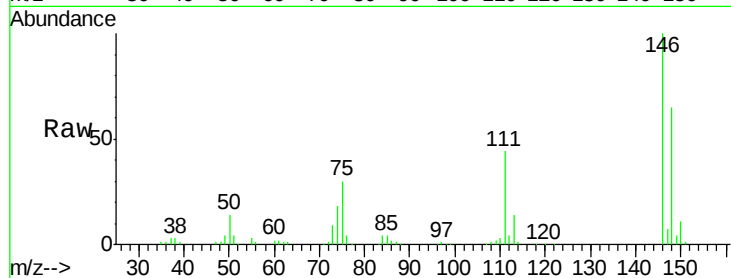




#13
 1,4-Dichlorobenzene
 Concen: 43.40 ng
 RT: 6.73 min Scan# 450
 Delta R.T. -0.02 min
 Lab File: BF088898.D
 Acq: 11 Jul 2016 14:25

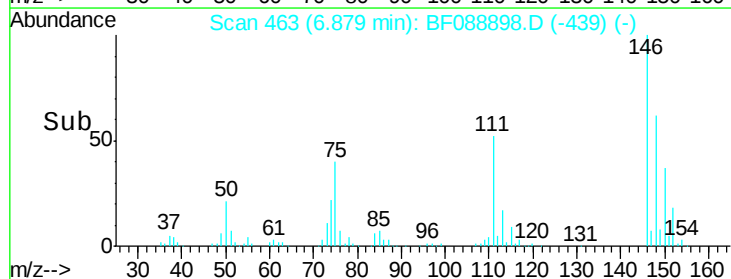
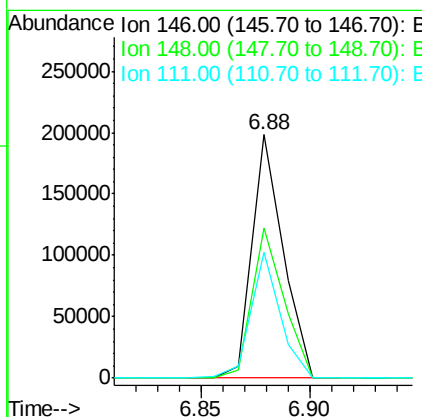
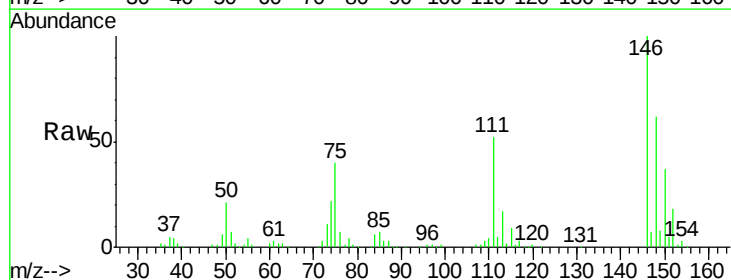
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 236833
 Ion Ratio Lower Upper
 146 100
 148 65.3 52.0 78.0
 111 43.7 33.8 50.8



#14
 1,2-Dichlorobenzene
 Concen: 38.66 ng
 RT: 6.88 min Scan# 463
 Delta R.T. -0.02 min
 Lab File: BF088898.D
 Acq: 11 Jul 2016 14:25

Tgt Ion:146 Resp: 197476
 Ion Ratio Lower Upper
 146 100
 148 61.9 52.3 78.5
 111 51.8 28.7 43.1#





#15

Benzyl Alcohol

Concen: 36.36 ng

RT: 6.86 min Scan# 461

Delta R.T. -0.02 min

Lab File: BF088898.D

Acq: 11 Jul 2016 14:25

Instrument :

BNA_F

ClientSampleId :

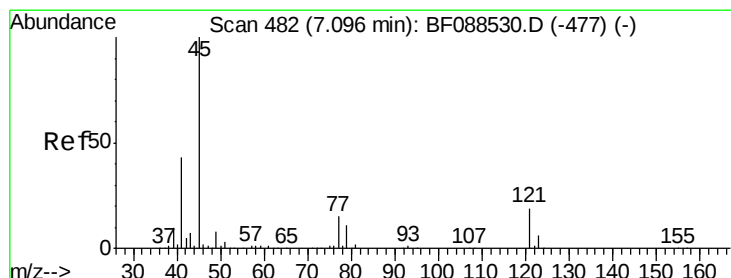
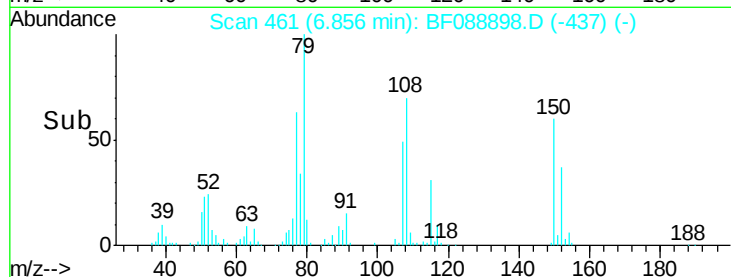
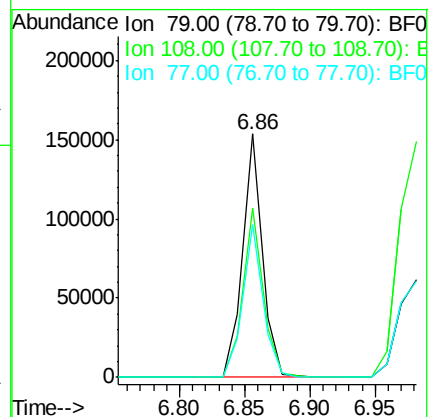
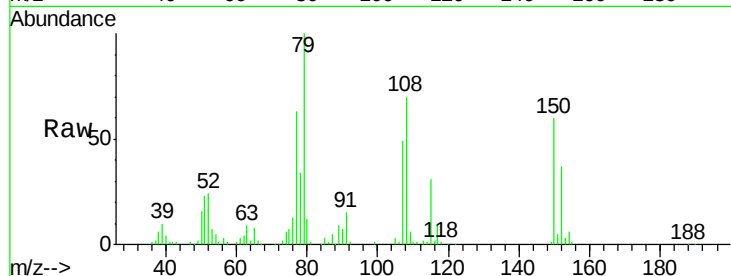
Tot Ion: 79 Resp: 160755

Ion Ratio Lower Upper

79 100

108 69.6 65.0 97.6

77 62.6 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.38 ng

RT: 6.99 min Scan# 473

Delta R.T. -0.02 min

Lab File: BF088898.D

Acq: 11 Jul 2016 14:25

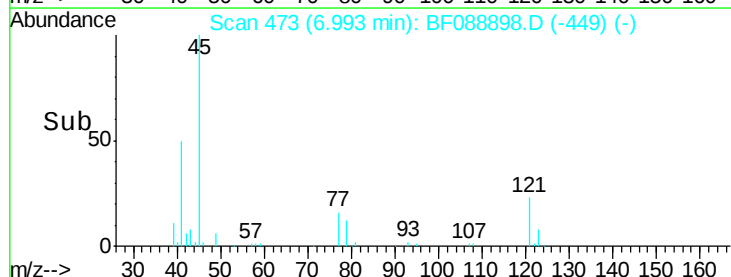
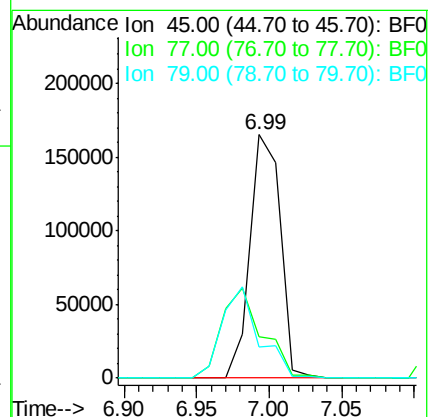
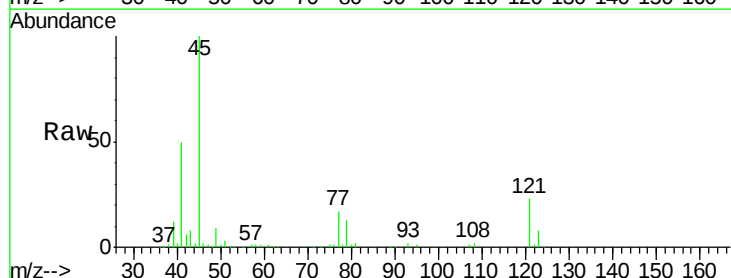
Tgt Ion: 45 Resp: 239727

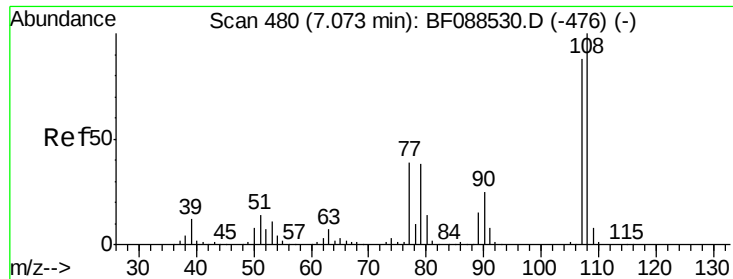
Ion Ratio Lower Upper

45 100

77 16.9 0.0 32.5

79 12.6 0.0 29.5

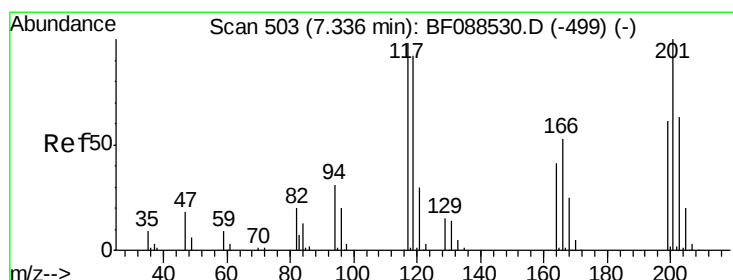
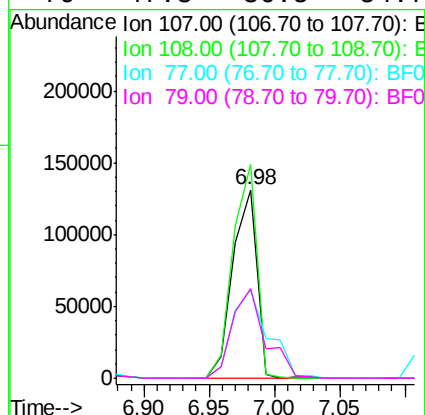
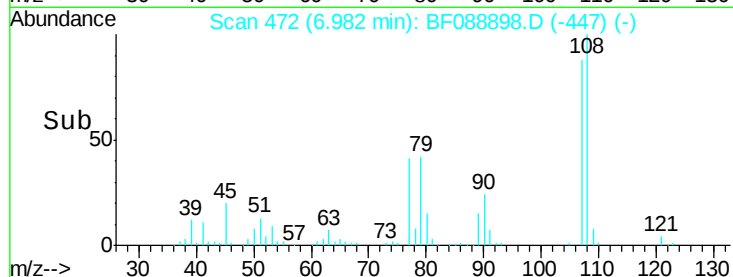
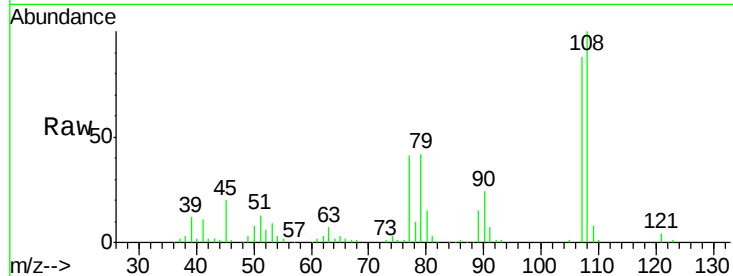




#17
2-Methylphenol
Concen: 41.20 ng
RT: 6.98 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF088898.D
Acq: 11 Jul 2016 14:25

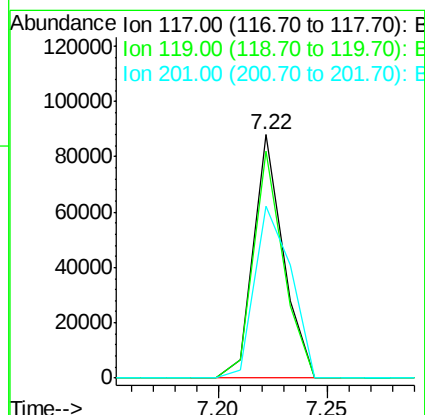
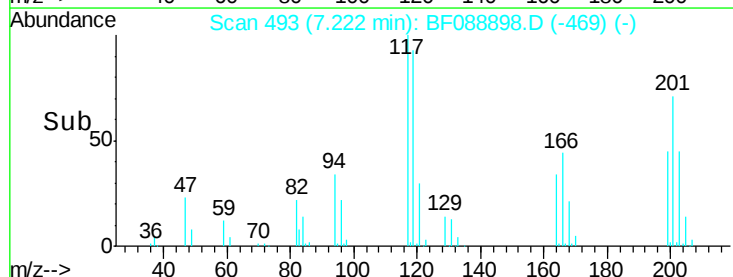
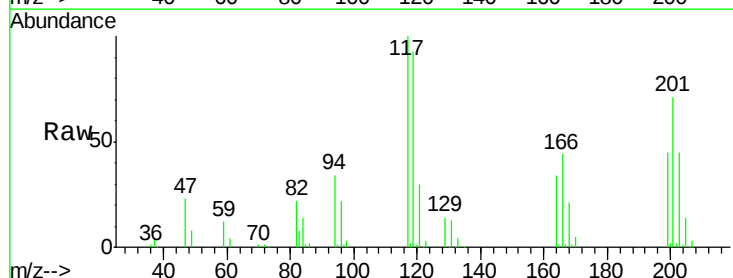
Instrument :
BNA_F
ClientSampleId :

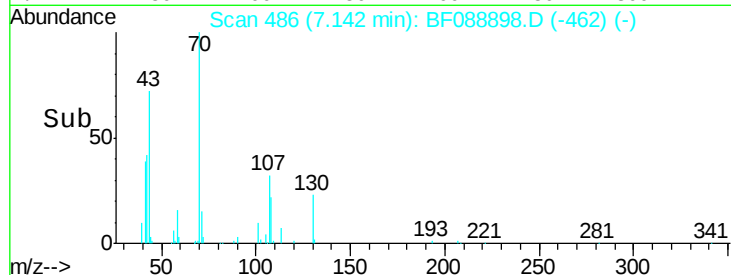
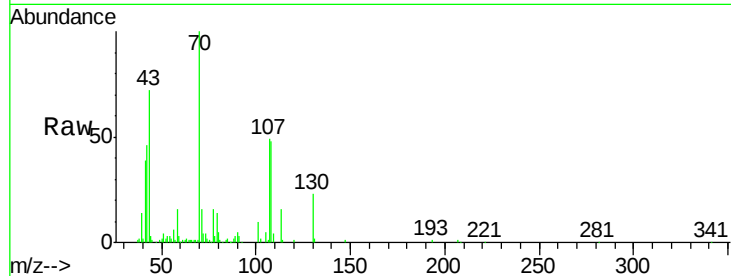
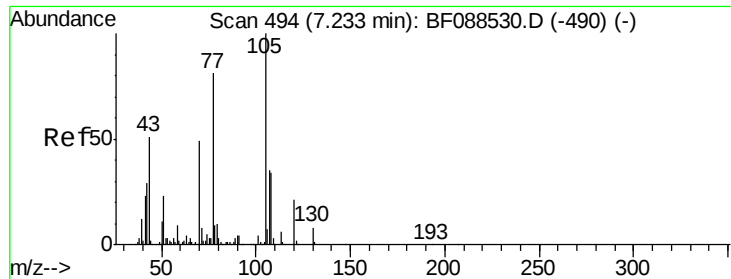
Tot Ion:	107	Resp:	167920
Ion	Ratio	Lower	Upper
107	100		
108	113.3	90.9	136.3
77	46.6	36.6	55.0
79	47.3	36.5	54.7



#18
Hexachloroethane
Concen: 39.87 ng
RT: 7.22 min Scan# 493
Delta R.T. -0.02 min
Lab File: BF088898.D
Acq: 11 Jul 2016 14:25

Tgt Ion:	117	Resp:	84159
Ion	Ratio	Lower	Upper
117	100		
119	93.2	77.4	116.2
201	70.8	80.4	120.6#

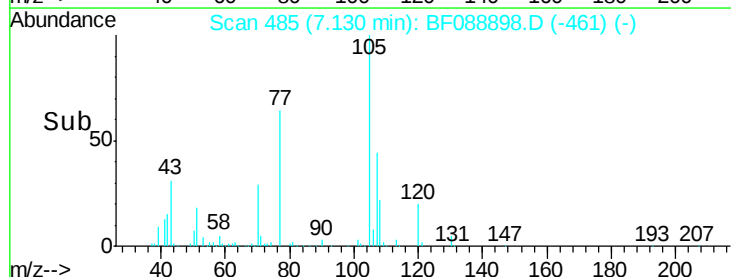
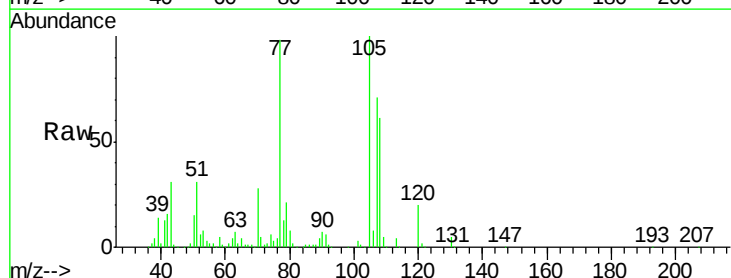
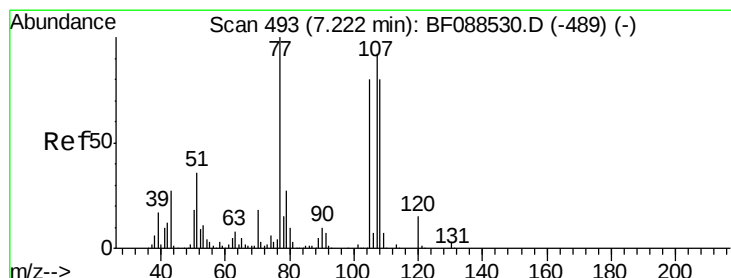
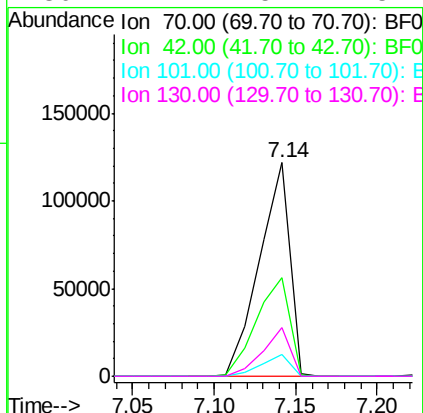




#19
n-Nitroso-di-n-propylamine
Concen: 39.08 ng
RT: 7.14 min Scan# 486
Delta R.T. -0.02 min
Lab File: BF088898.D
Acq: 11 Jul 2016 14:25

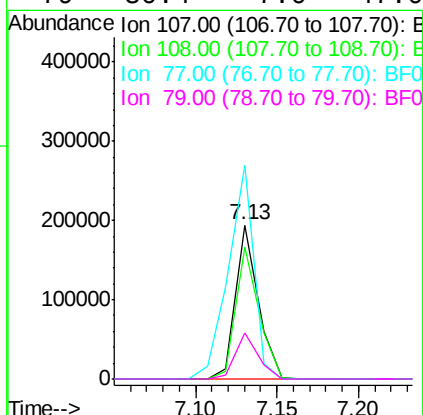
Instrument :
BNA_F
ClientSampleId :

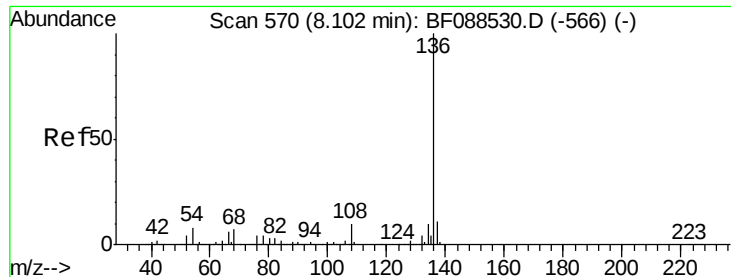
Tot Ion: 70 Resp: 157690
Ion Ratio Lower Upper
70 100
42 46.1 49.6 74.4#
101 10.4 7.1 10.7
130 22.7 15.4 23.2



#20
3+4-Methylphenols
Concen: 37.60 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.02 min
Lab File: BF088898.D
Acq: 11 Jul 2016 14:25

Tgt Ion:107 Resp: 183928
Ion Ratio Lower Upper
107 100
108 85.7 67.8 107.8
77 138.9 59.3 99.3#
79 30.4 7.0 47.0

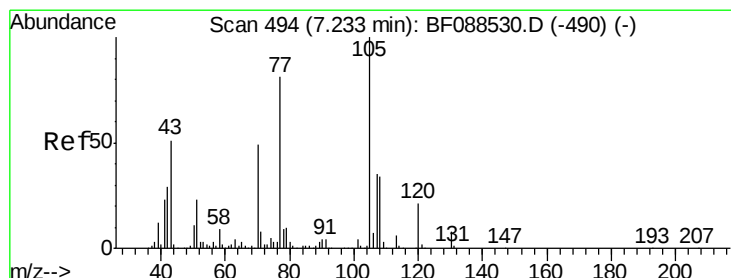
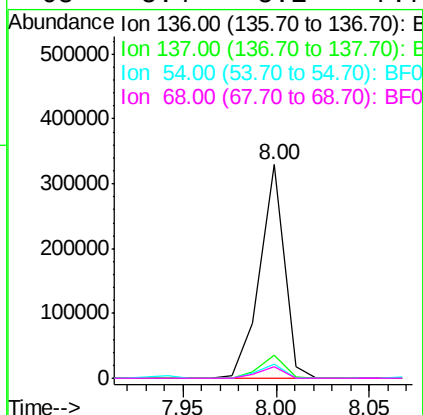
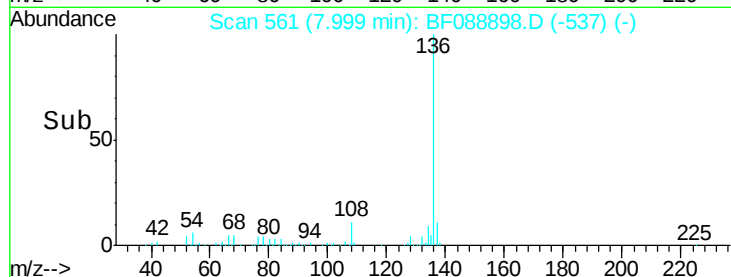
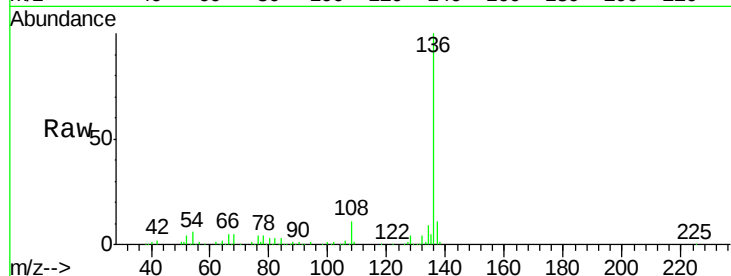




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 561
Delta R.T. -0.02 min
Lab File: BF088898.D
Acq: 11 Jul 2016 14:25

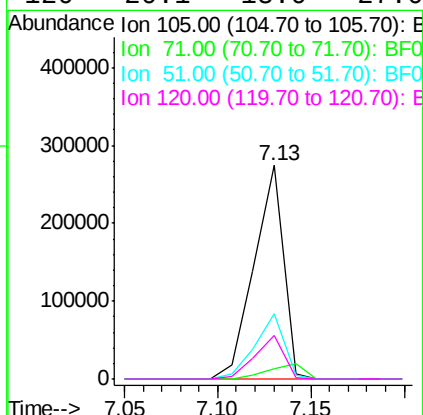
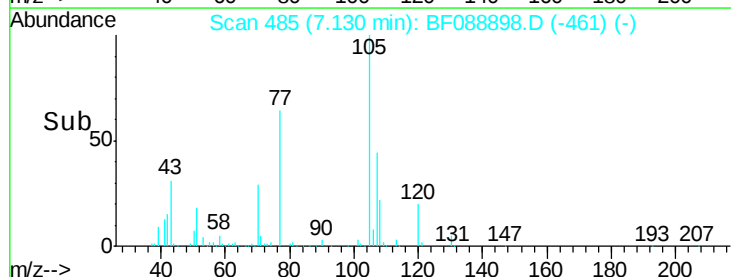
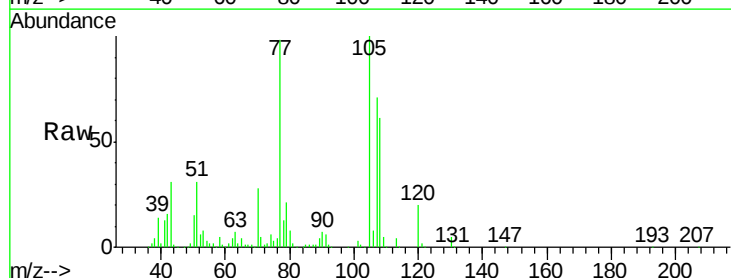
Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	299796
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.1 13.7
54	6.5	6.6 10.0#
68	5.4	5.1 7.7



#22
Acetophenone
Concen: 41.13 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.02 min
Lab File: BF088898.D
Acq: 11 Jul 2016 14:25

Tgt Ion:105	Resp:	299294
Ion Ratio	Lower	Upper
105	100	
71	4.8	5.3 7.9#
51	30.7	18.2 27.4#
120	20.1	18.0 27.0

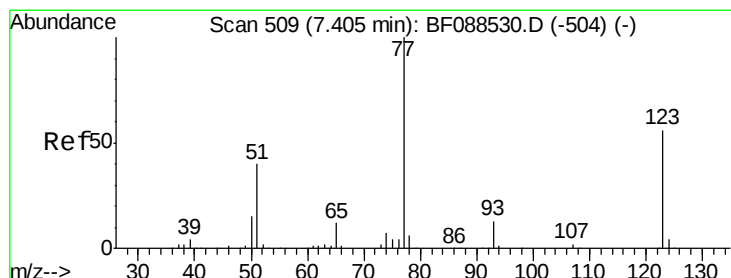
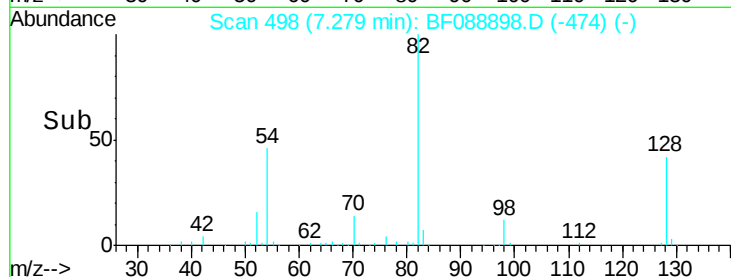
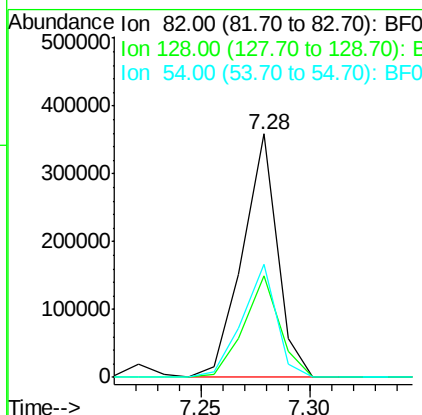
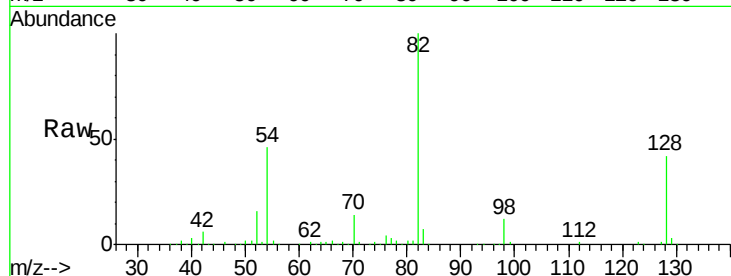




#23
 Nitrobenzene-d5
 Concen: 69.85 ng
 RT: 7.28 min Scan# 498
 Delta R.T. -0.02 min
 Lab File: BF088898.D
 Acq: 11 Jul 2016 14:25

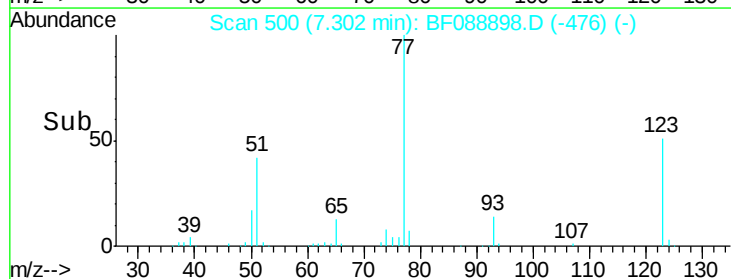
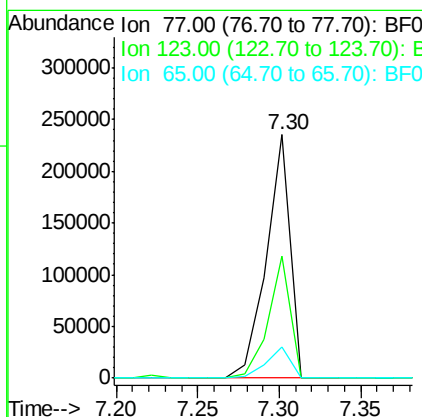
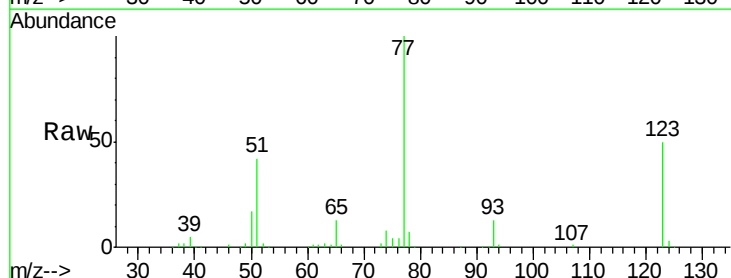
Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 399616
 Ion Ratio Lower Upper
 82 100
 128 41.7 35.9 53.9
 54 46.4 40.9 61.3



#24
 Nitrobenzene
 Concen: 41.13 ng
 RT: 7.30 min Scan# 500
 Delta R.T. -0.02 min
 Lab File: BF088898.D
 Acq: 11 Jul 2016 14:25

Tgt Ion: 77 Resp: 237215
 Ion Ratio Lower Upper
 77 100
 123 50.3 45.0 67.4
 65 12.8 10.2 15.2





#25

Isophorone

Concen: 35.60 ng

RT: 7.54 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF088898.D

Acq: 11 Jul 2016 14:25

Instrument :

BNA_F

ClientSampleId :

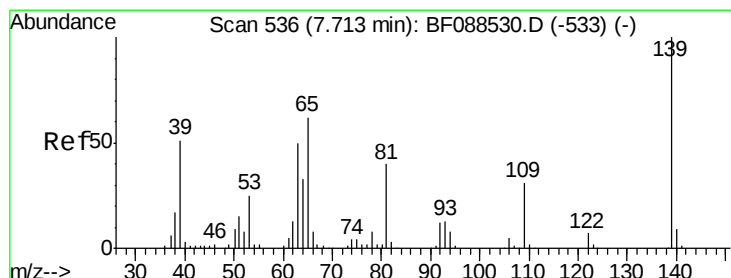
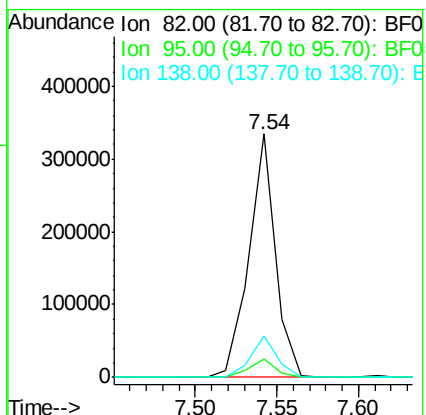
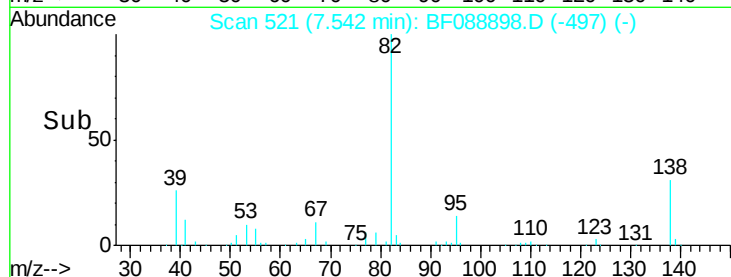
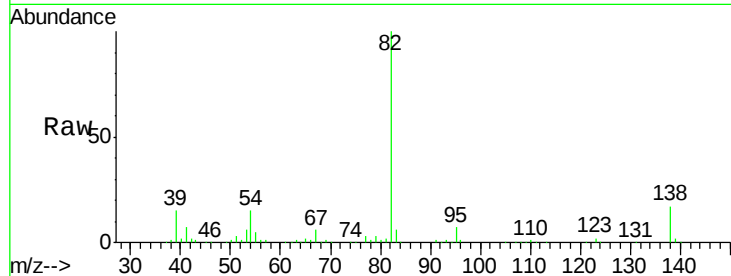
Tot Ion: 82 Resp: 377255

Ion Ratio Lower Upper

82 100

95 7.4 5.4 8.2

138 16.8 14.6 21.8



#26

2-Nitrophenol

Concen: 41.23 ng

RT: 7.61 min Scan# 527

Delta R.T. -0.02 min

Lab File: BF088898.D

Acq: 11 Jul 2016 14:25

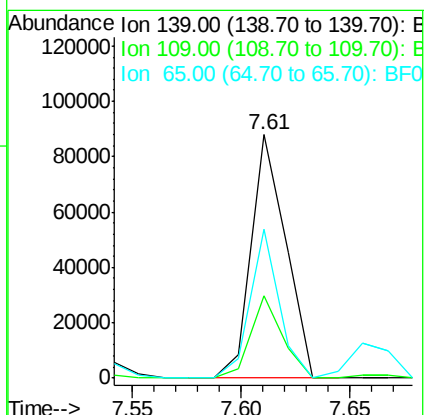
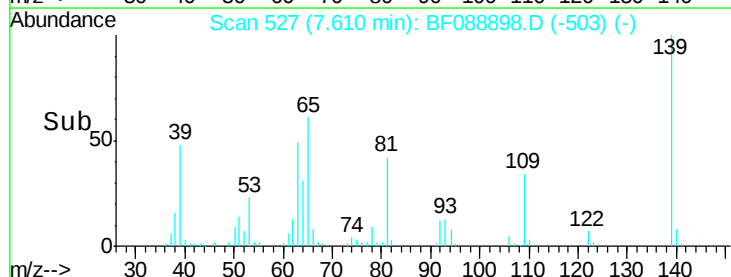
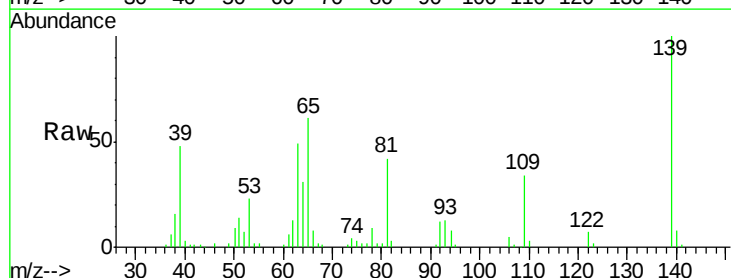
Tgt Ion: 139 Resp: 97520

Ion Ratio Lower Upper

139 100

109 33.8 23.0 34.4

65 61.3 45.8 68.8

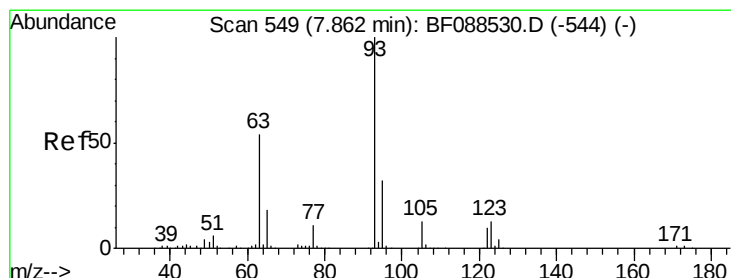
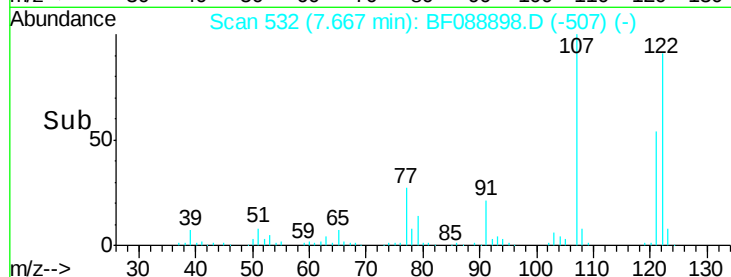
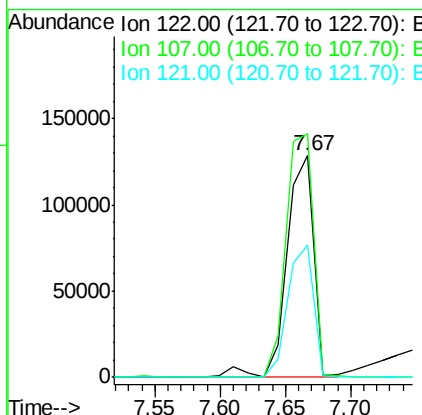
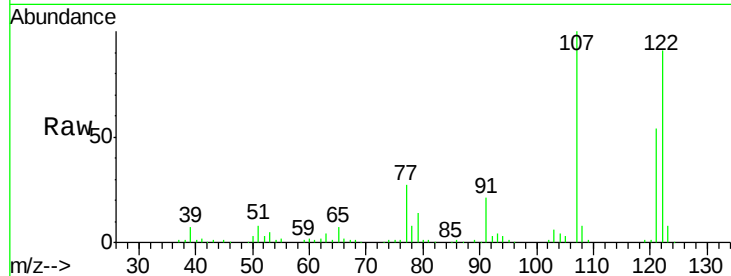




#27
 2,4-Dimethylphenol
 Concen: 37.76 ng
 RT: 7.67 min Scan# 532
 Delta R.T. -0.01 min
 Lab File: BF088898.D
 Acq: 11 Jul 2016 14:25

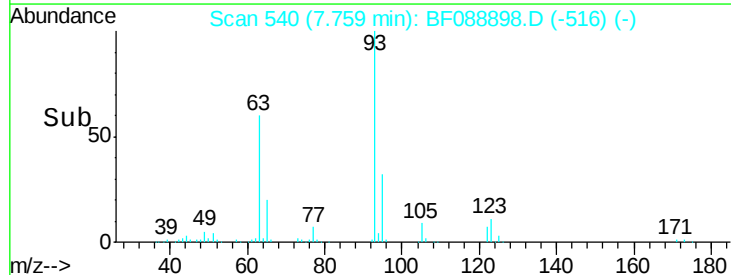
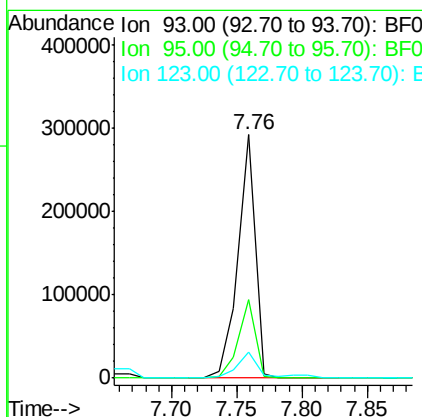
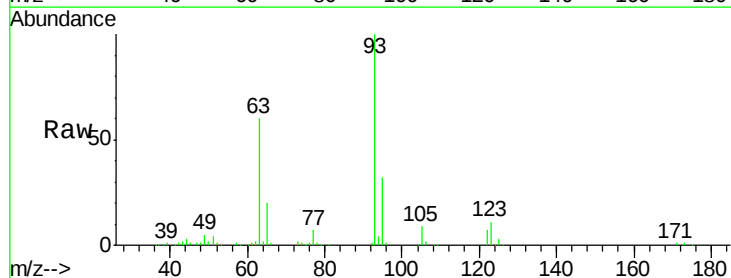
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 186019
 Ion Ratio Lower Upper
 122 100
 107 109.8 82.4 123.6
 121 59.8 46.3 69.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.80 ng
 RT: 7.76 min Scan# 540
 Delta R.T. -0.02 min
 Lab File: BF088898.D
 Acq: 11 Jul 2016 14:25

Tgt Ion: 93 Resp: 267553
 Ion Ratio Lower Upper
 93 100
 95 32.0 26.5 39.7
 123 10.9 11.6 17.4#

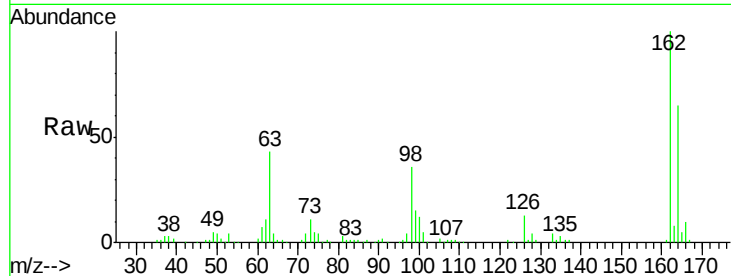




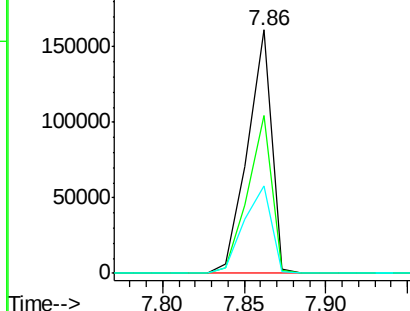
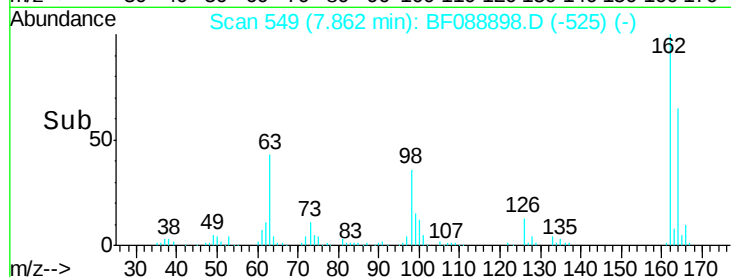
#29
 2,4-Dichlorophenol
 Concen: 41.54 ng
 RT: 7.86 min Scan# 549
 Delta R.T. -0.02 min
 Lab File: BF088898.D
 Acq: 11 Jul 2016 14:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 165384
 Ion Ratio Lower Upper
 162 100
 164 65.1 43.8 83.8
 98 35.9 21.3 61.3

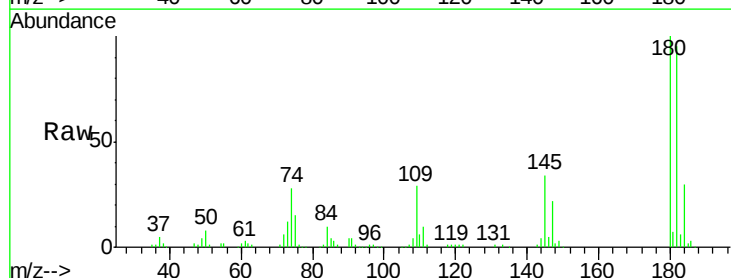


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BFO

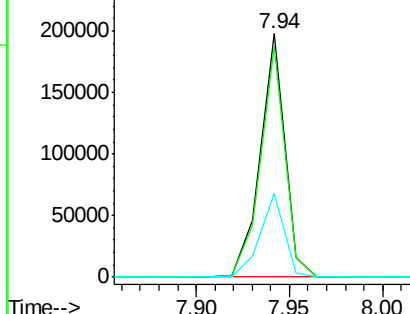
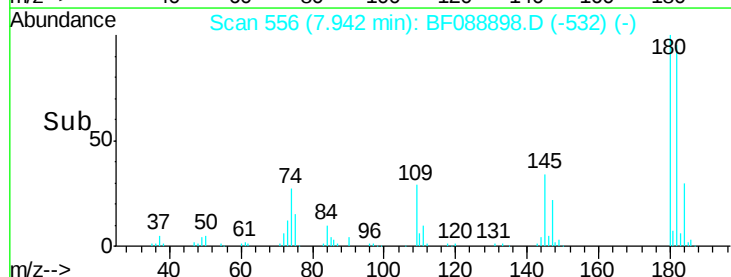


#30
 1,2,4-Trichlorobenzene
 Concen: 41.05 ng
 RT: 7.94 min Scan# 556
 Delta R.T. -0.02 min
 Lab File: BF088898.D
 Acq: 11 Jul 2016 14:25

Tgt Ion:180 Resp: 179355
 Ion Ratio Lower Upper
 180 100
 182 95.0 76.0 114.0
 145 34.1 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

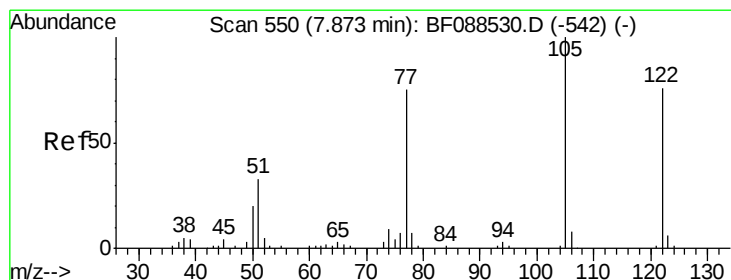
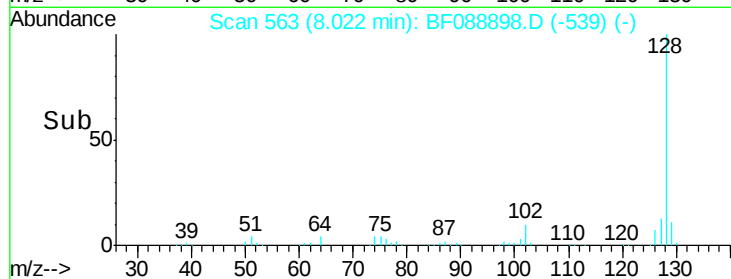
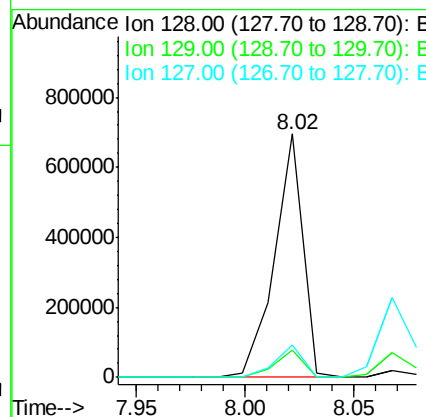
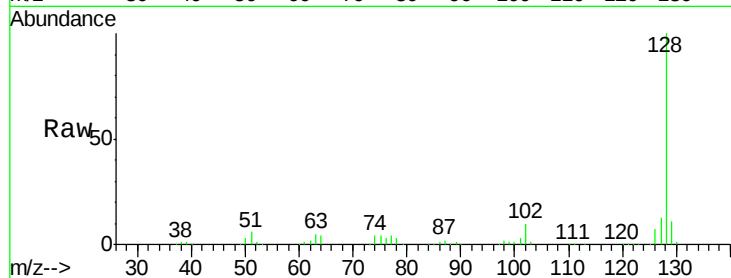




#31
Naphthalene
Concen: 43.20 ng
RT: 8.02 min Scan# 563
Delta R.T. -0.02 min
Lab File: BF088898.D
Acq: 11 Jul 2016 14:25

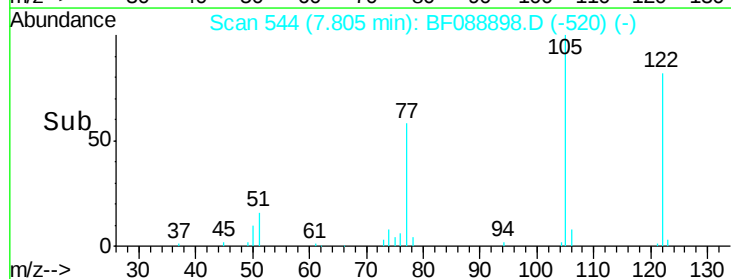
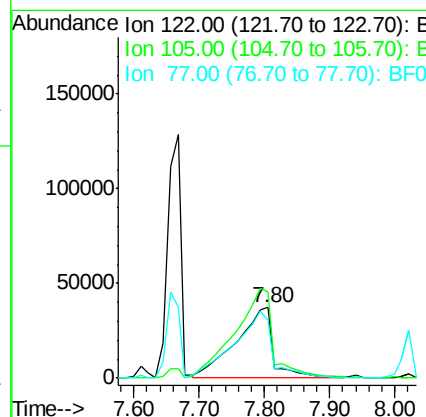
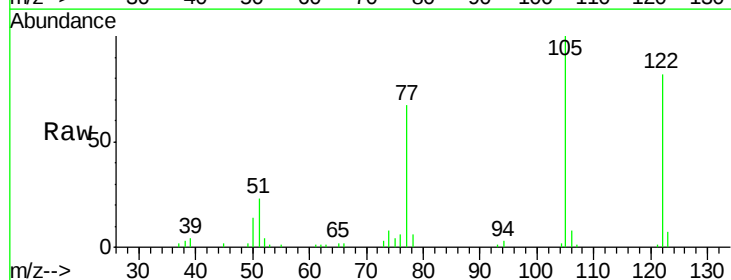
Instrument :
BNA_F
ClientSampleId :

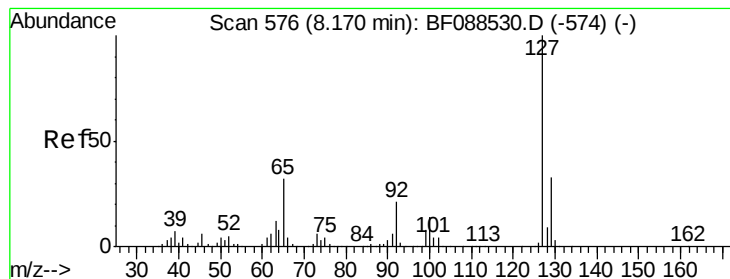
Tot Ion:128 Resp: 638493
Ion Ratio Lower Upper
128 100
129 11.2 9.4 14.2
127 13.5 10.9 16.3



#32
Benzoic acid
Concen: 40.50 ng
RT: 7.80 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF088898.D
Acq: 11 Jul 2016 14:25

Tgt Ion:122 Resp: 144845
Ion Ratio Lower Upper
122 100
105 122.2 101.6 141.6
77 82.4 70.6 110.6





#33

4-Chloroaniline

Concen: 36.12 ng

RT: 8.07 min Scan# 567

Delta R.T. -0.02 min

Lab File: BF088898.D

Acq: 11 Jul 2016 14:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 237553

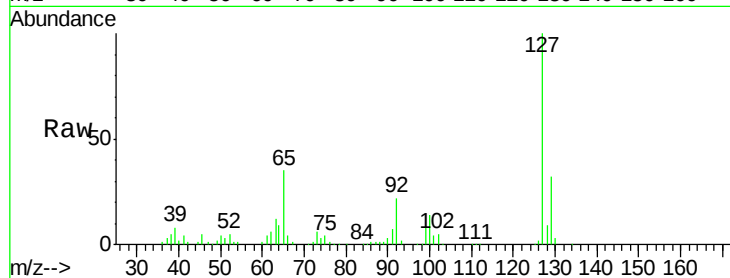
Ion Ratio Lower Upper

127 100

129 31.9 26.3 39.5

65 35.0 24.7 37.1

92 21.9 15.4 23.0

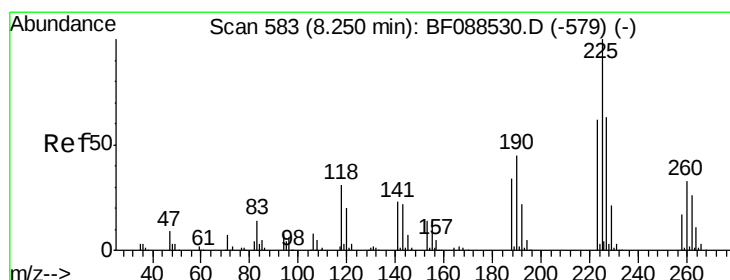
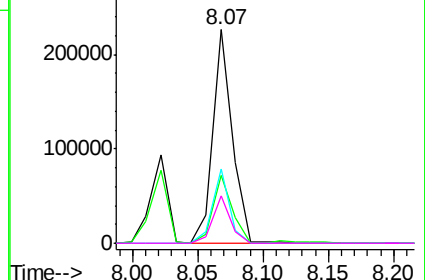
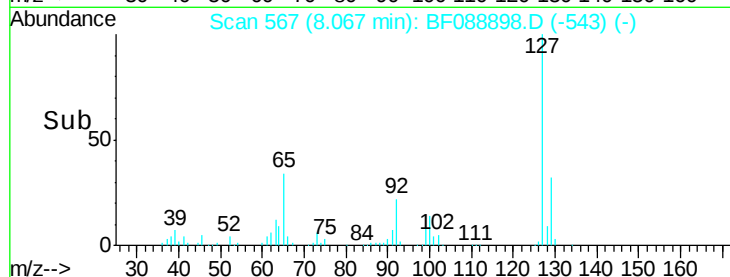


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 44.25 ng

RT: 8.15 min Scan# 574

Delta R.T. -0.01 min

Lab File: BF088898.D

Acq: 11 Jul 2016 14:25

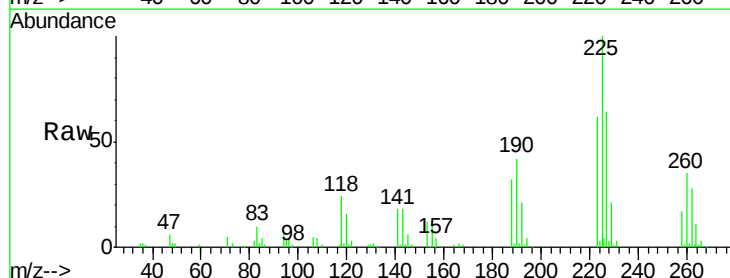
Tgt Ion:225 Resp: 103527

Ion Ratio Lower Upper

225 100

223 61.8 50.9 76.3

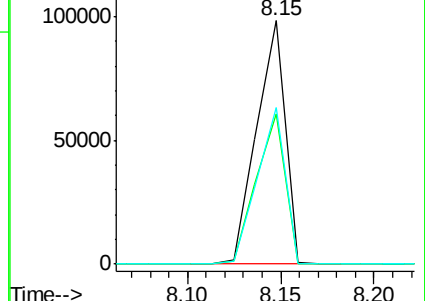
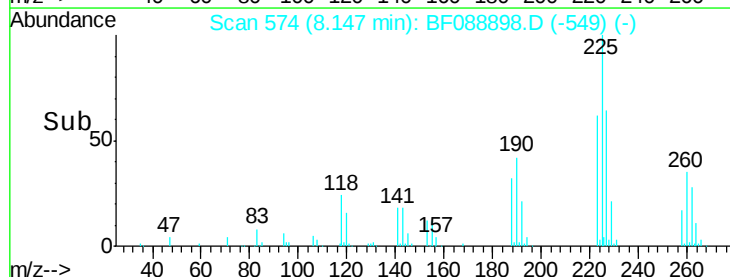
227 64.2 51.9 77.9



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

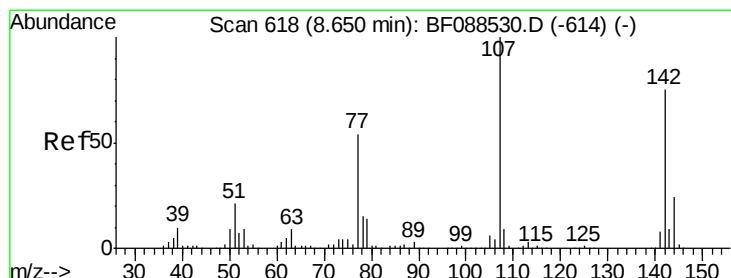
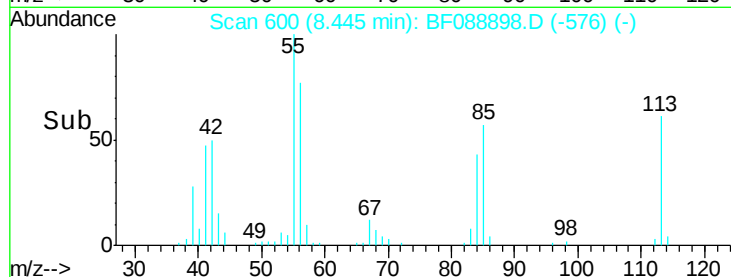
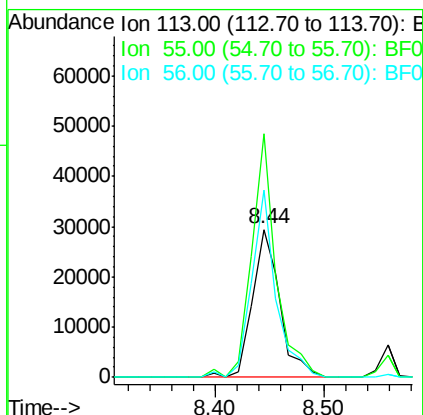
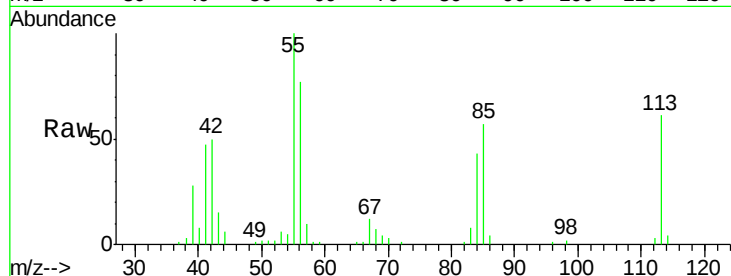




#35
 Caprolactam
 Concen: 38.33 ng
 RT: 8.44 min Scan# 600
 Delta R.T. -0.02 min
 Lab File: BF088898.D
 Acq: 11 Jul 2016 14:25

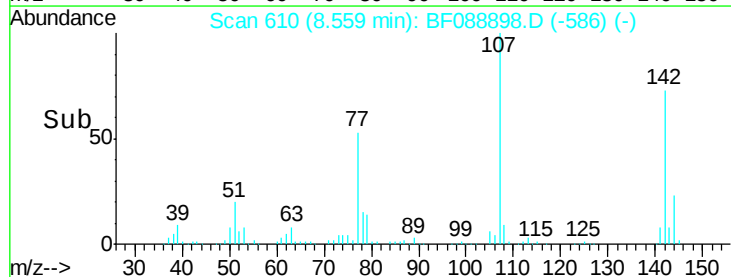
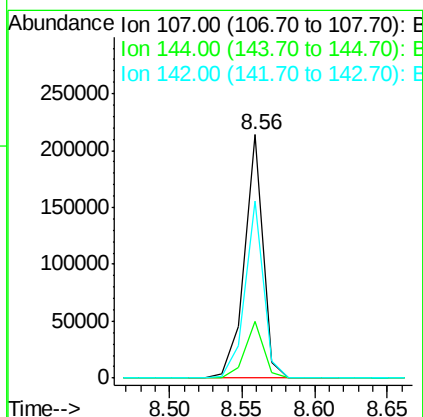
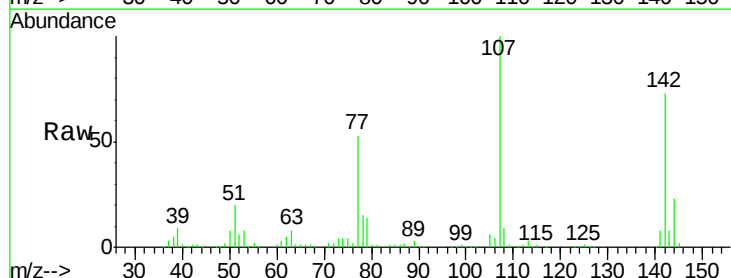
Instrument :
 BNA_F
 ClientSampleId :

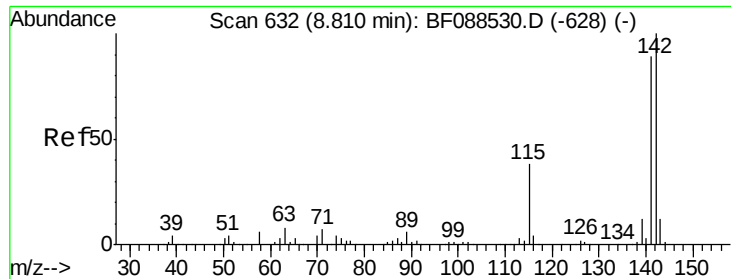
Tot Ion:113 Resp: 51827
 Ion Ratio Lower Upper
 113 100
 55 164.4 158.6 198.6
 56 126.2 110.6 150.6



#36
 4-Chloro-3-methylphenol
 Concen: 40.39 ng
 RT: 8.56 min Scan# 610
 Delta R.T. -0.02 min
 Lab File: BF088898.D
 Acq: 11 Jul 2016 14:25

Tgt Ion:107 Resp: 190150
 Ion Ratio Lower Upper
 107 100
 144 23.0 20.8 31.2
 142 72.5 63.4 95.2

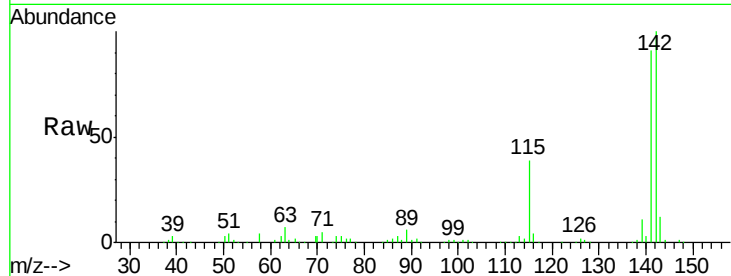




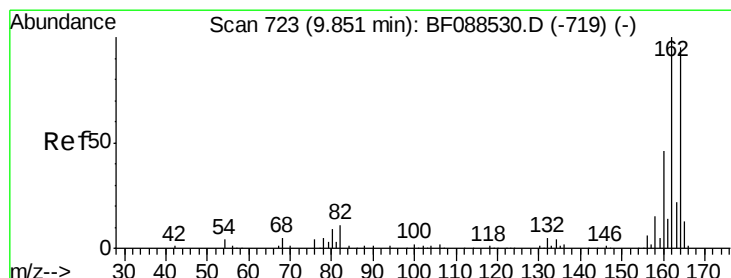
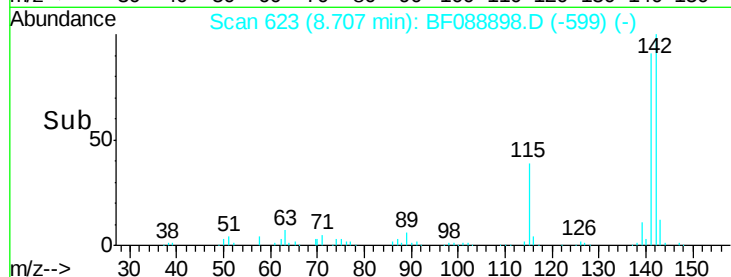
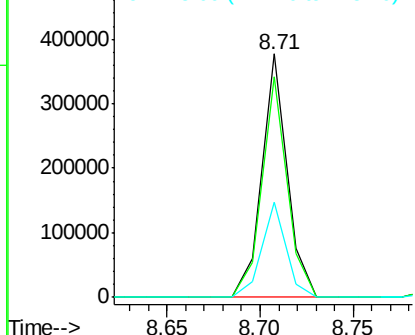
#37
 2-Methylnaphthalene
 Concen: 37.08 ng
 RT: 8.71 min Scan# 623
 Delta R.T. -0.02 min
 Lab File: BF088898.D
 Acq: 11 Jul 2016 14:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 352875
 Ion Ratio Lower Upper
 142 100
 141 90.9 71.0 106.6
 115 39.3 22.6 33.8#

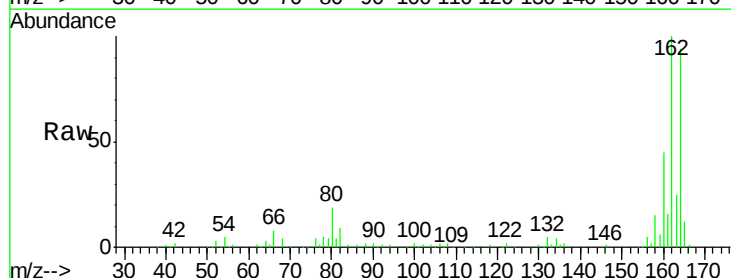


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

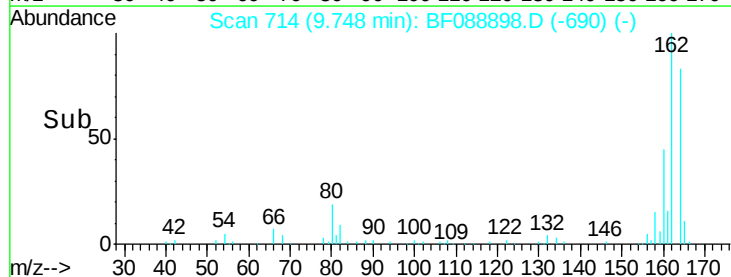
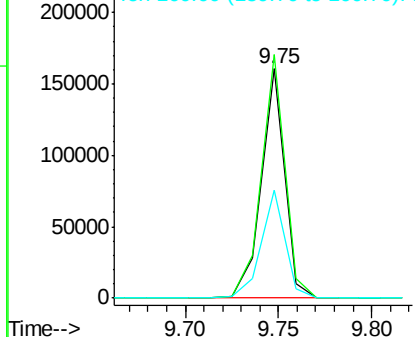


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.75 min Scan# 714
 Delta R.T. -0.02 min
 Lab File: BF088898.D
 Acq: 11 Jul 2016 14:25

Tgt Ion:164 Resp: 137319
 Ion Ratio Lower Upper
 164 100
 162 106.3 85.4 128.2
 160 47.4 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: 45.46 ng

RT: 8.88 min Scan# 638

Delta R.T. -0.02 min

Lab File: BF088898.D

Acq: 11 Jul 2016 14:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 207612

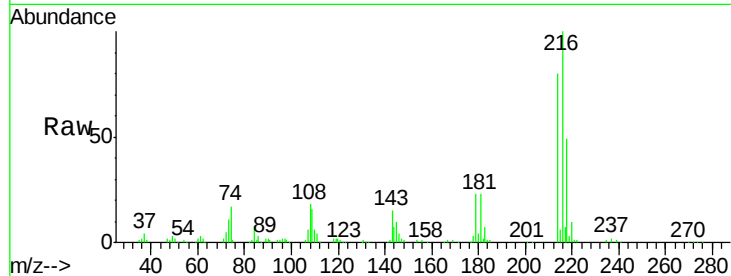
Ion Ratio Lower Upper

216 100

214 80.0 2.9 4.3#

179 24.1 0.0 0.0#

108 21.6 0.5 0.7#

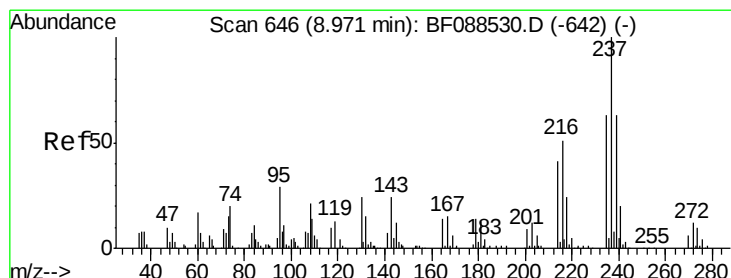
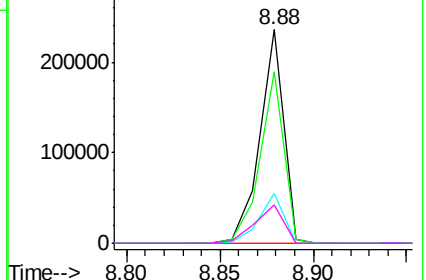
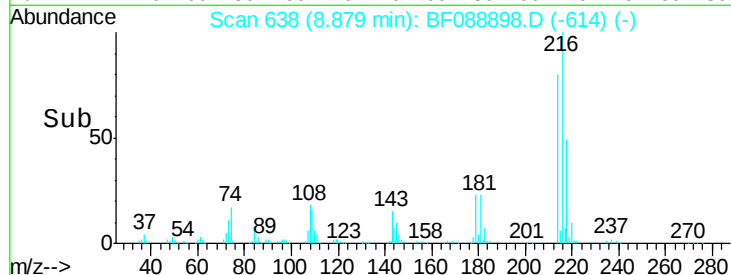


Abundance Ion 216.00 (215.70 to 216.70): E

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: 35.42 ng

RT: 8.87 min Scan# 637

Delta R.T. -0.02 min

Lab File: BF088898.D

Acq: 11 Jul 2016 14:25

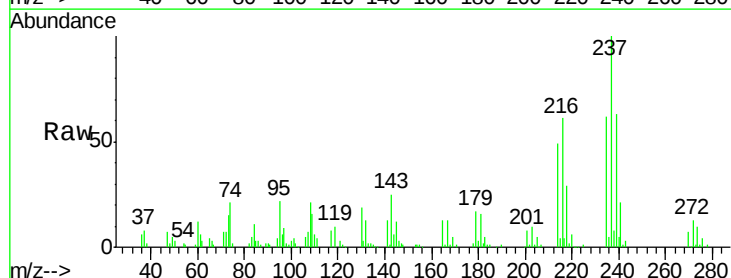
Tgt Ion:237 Resp: 79394

Ion Ratio Lower Upper

237 100

235 62.3 43.4 83.4

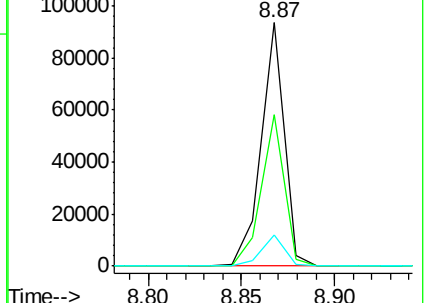
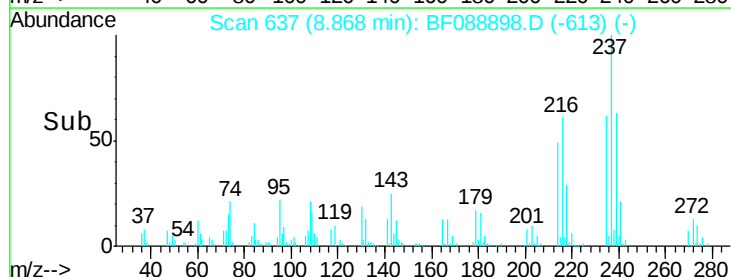
272 12.8 0.0 32.3

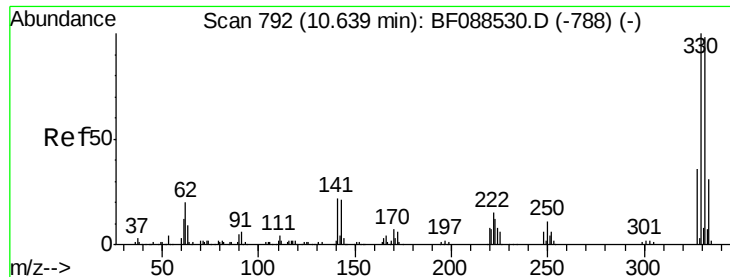


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

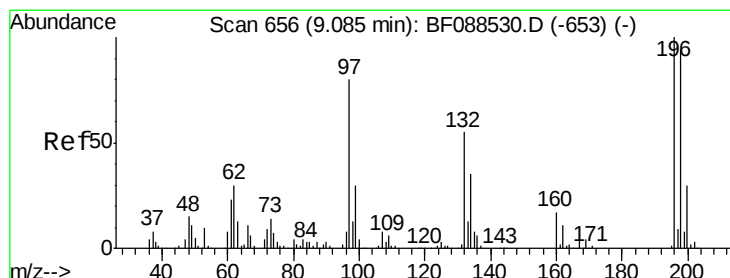
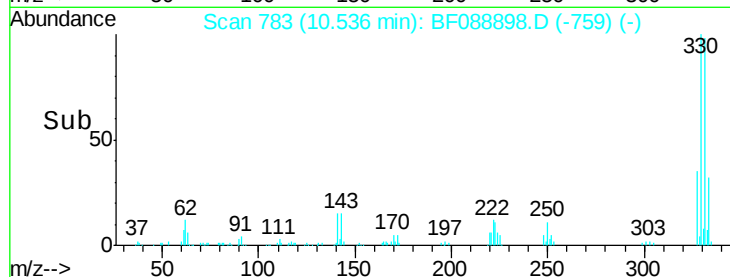
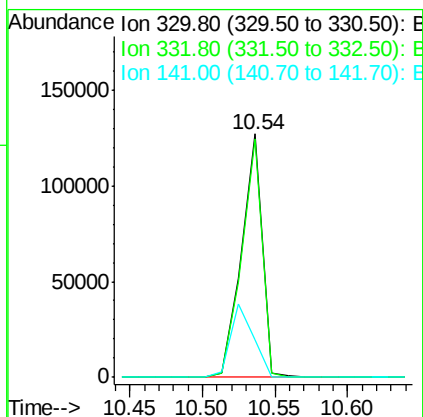
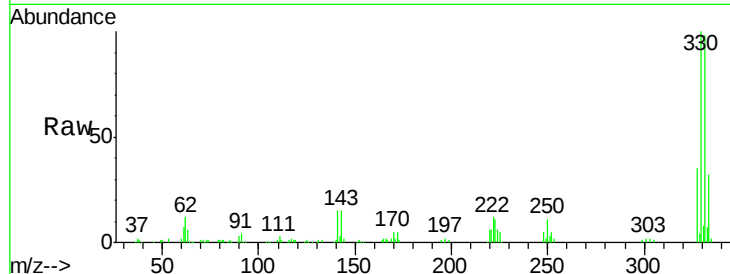




#41
 2,4,6-Tribromophenol
 Concen: 99.41 ng
 RT: 10.54 min Scan# 783
 Delta R.T. -0.02 min
 Lab File: BF088898.D
 Acq: 11 Jul 2016 14:25

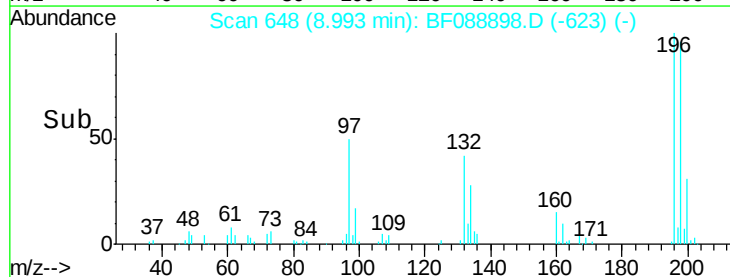
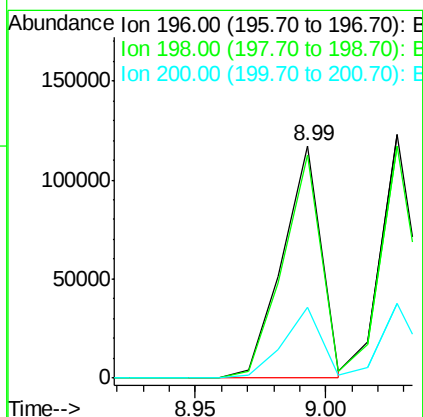
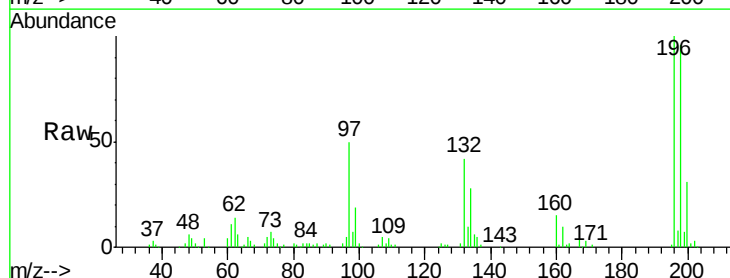
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 126760
 Ion Ratio Lower Upper
 330 100
 332 97.2 0.0 0.0#
 141 33.1 0.0 0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 40.10 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.01 min
 Lab File: BF088898.D
 Acq: 11 Jul 2016 14:25

Tgt Ion:196 Resp: 120743
 Ion Ratio Lower Upper
 196 100
 198 95.9 78.0 117.0
 200 30.5 25.4 38.2

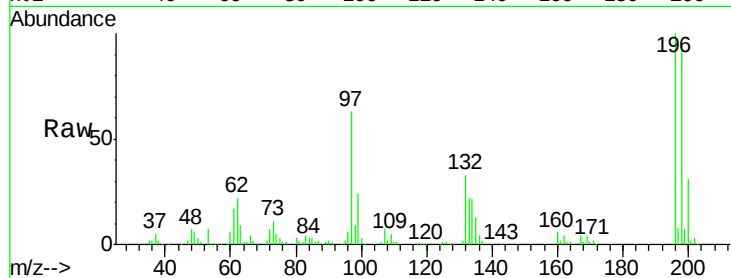




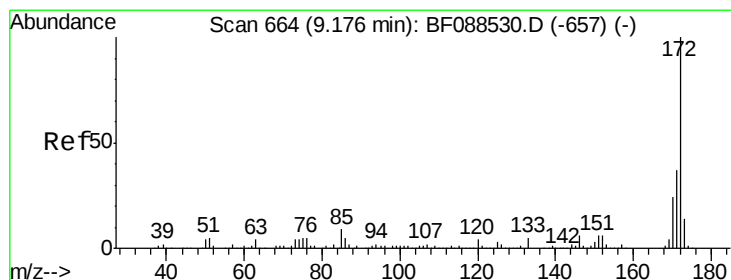
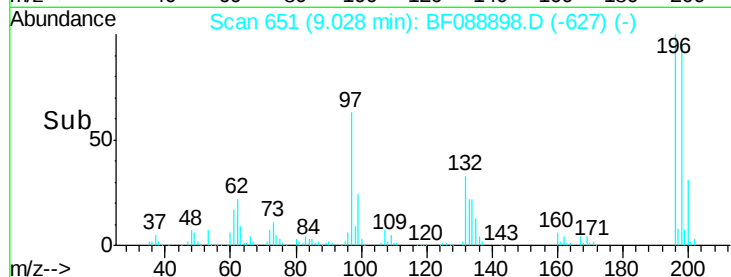
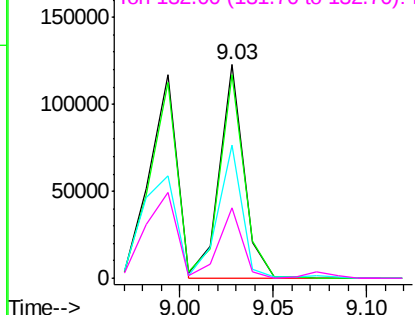
#43
 2,4,5-Trichlorophenol
 Concen: 43.22 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.02 min
 Lab File: BF088898.D
 Acq: 11 Jul 2016 14:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	196	Resp	111972
Ion Ratio	Lower	Upper	
196	100		
198	95.2	77.5	116.3
97	62.6	32.0	48.0#
132	33.3	20.9	31.3#

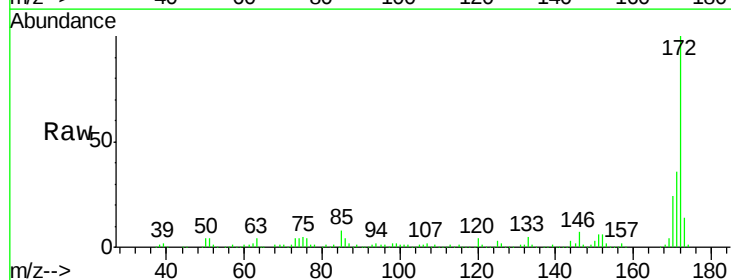


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

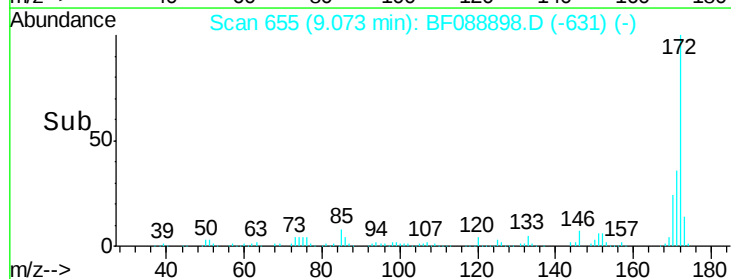
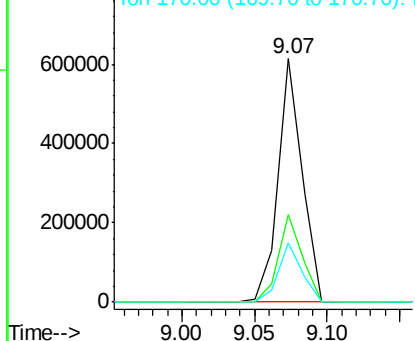


#44
 2-Fluorobiphenyl
 Concen: 80.64 ng
 RT: 9.07 min Scan# 655
 Delta R.T. -0.02 min
 Lab File: BF088898.D
 Acq: 11 Jul 2016 14:25

Tgt Ion	172	Resp	701050
Ion Ratio	Lower	Upper	
172	100		
171	36.2	28.6	43.0
170	24.2	19.2	28.8



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





#45

1,1'-Biphenyl

Concen: 43.50 ng

RT: 9.18 min Scan# 664

Delta R.T. -0.02 min

Lab File: BF088898.D

Acq: 11 Jul 2016 14:25

Instrument :

BNA_F

ClientSampleId :

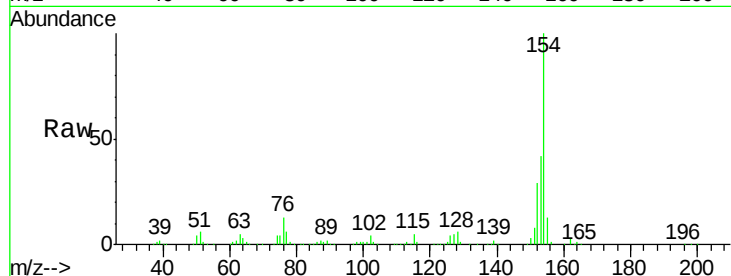
Tot Ion:154 Resp: 494587

Ion Ratio Lower Upper

154 100

153 41.8 20.6 60.6

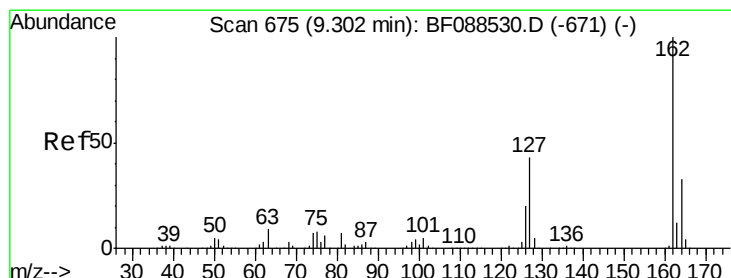
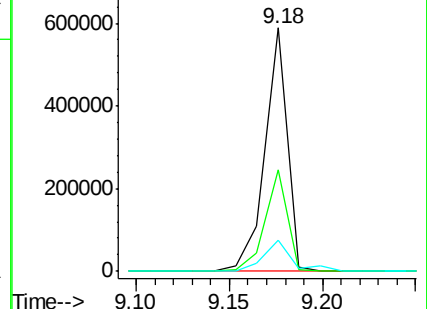
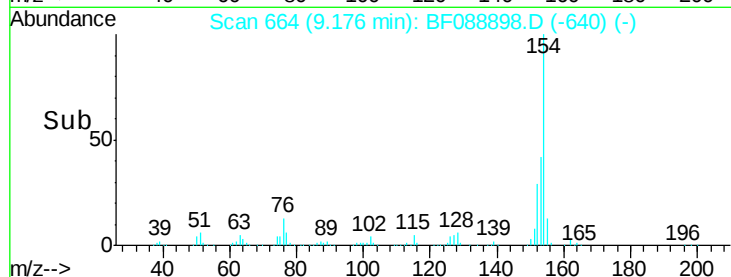
76 12.7 0.0 35.1



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: 42.89 ng

RT: 9.20 min Scan# 666

Delta R.T. -0.02 min

Lab File: BF088898.D

Acq: 11 Jul 2016 14:25

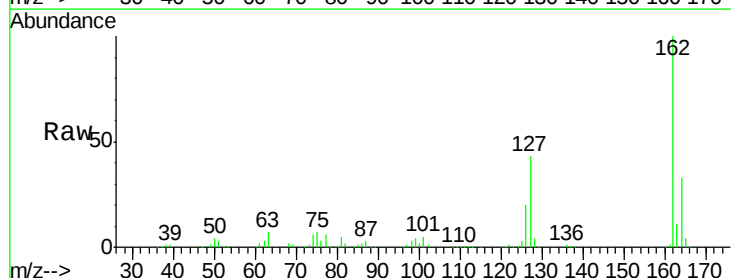
Tgt Ion:162 Resp: 382840

Ion Ratio Lower Upper

162 100

127 42.9 35.2 52.8

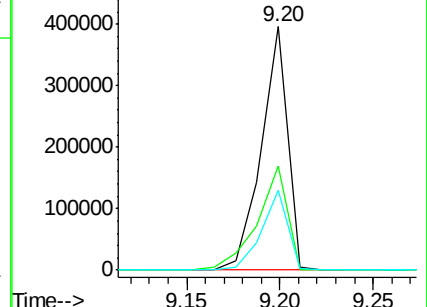
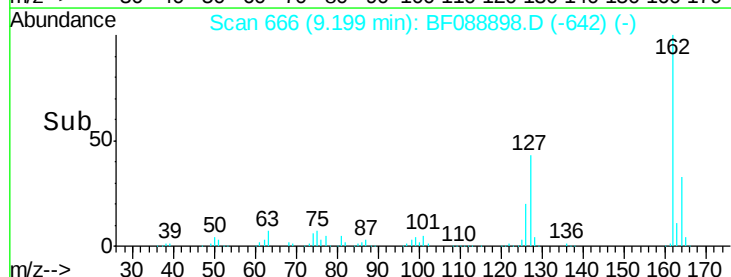
164 32.9 26.6 39.8



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

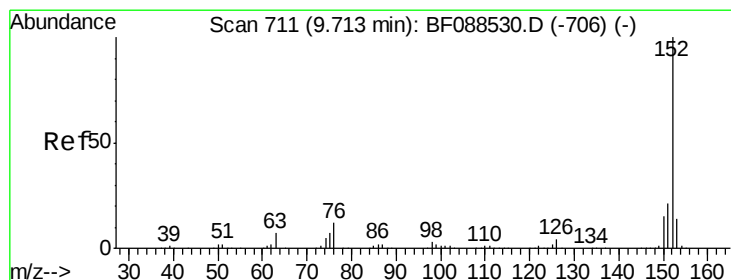
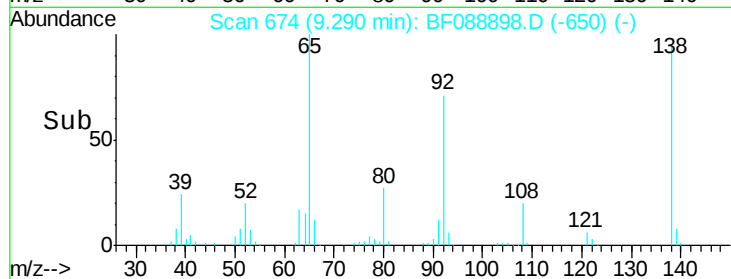
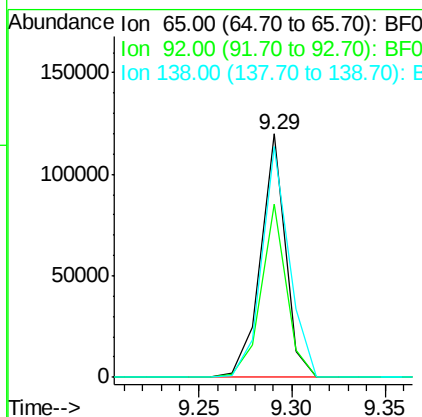
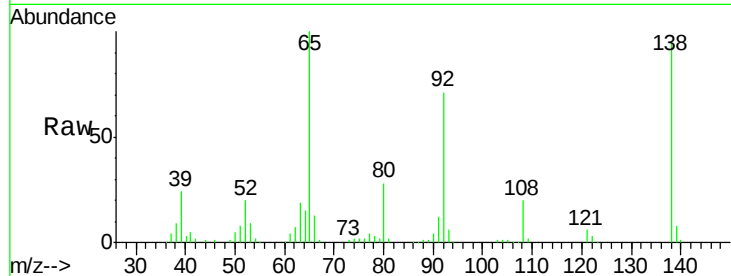




#47
2-Nitroaniline
Concen: 34.59 ng
RT: 9.29 min Scan# 674
Delta R.T. -0.02 min
Lab File: BF088898.D
Acq: 11 Jul 2016 14:25

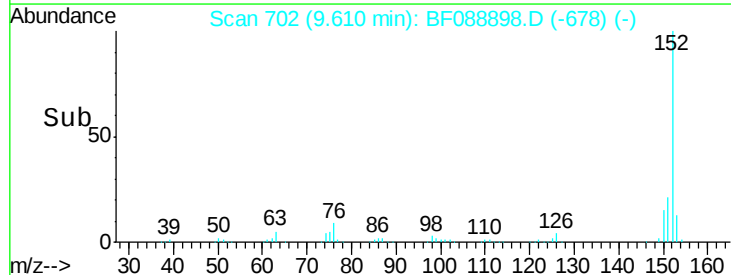
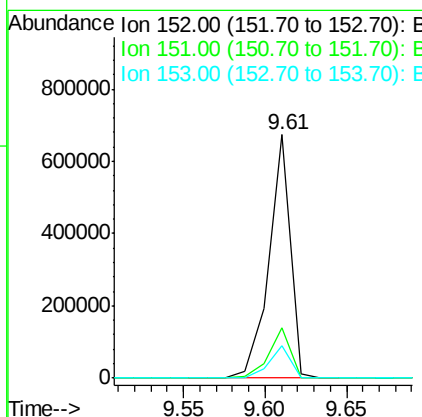
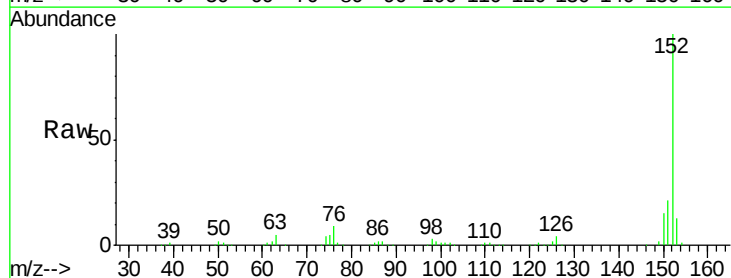
Instrument :
BNA_F
ClientSampleId :

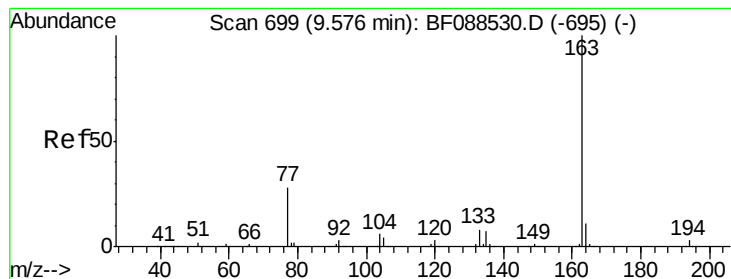
Tot Ion: 65 Resp: 109587
Ion Ratio Lower Upper
65 100
92 71.0 54.6 82.0
138 94.8 77.0 115.4



#48
Acenaphthylene
Concen: 43.26 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.02 min
Lab File: BF088898.D
Acq: 11 Jul 2016 14:25

Tgt Ion: 152 Resp: 614393
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4
153 13.3 11.0 16.6





#49

Dimethylphthalate

Concen: 43.81 ng

RT: 9.48 min Scan# 691

Delta R.T. -0.02 min

Lab File: BF088898.D

Acq: 11 Jul 2016 14:25

Instrument :

BNA_F

ClientSampleId :

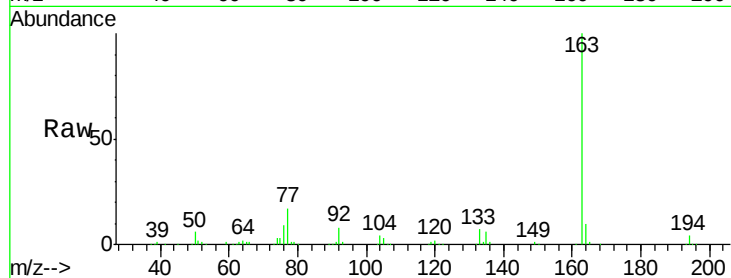
Tot Ion:163 Resp: 428569

Ion Ratio Lower Upper

163 100

194 3.6 2.8 4.2

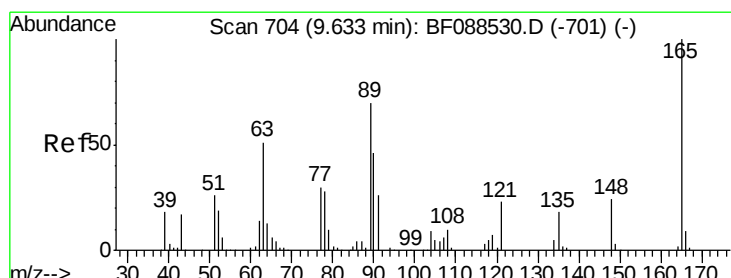
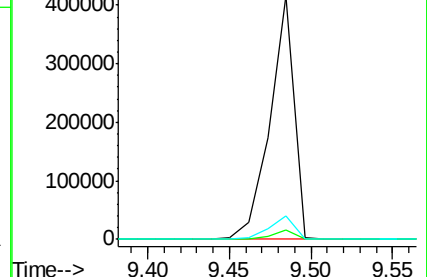
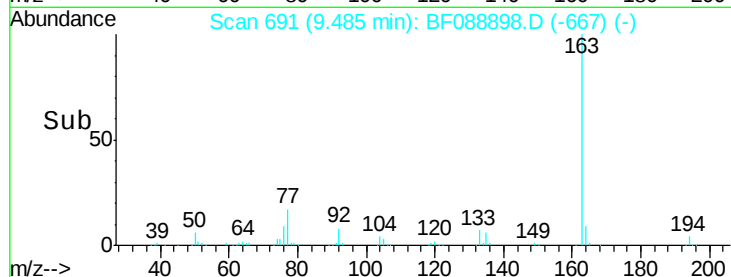
164 9.9 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 46.20 ng

RT: 9.54 min Scan# 696

Delta R.T. -0.02 min

Lab File: BF088898.D

Acq: 11 Jul 2016 14:25

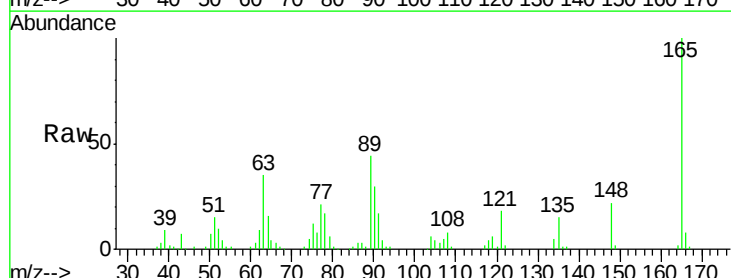
Tgt Ion:165 Resp: 100171

Ion Ratio Lower Upper

165 100

63 35.2 28.1 42.1

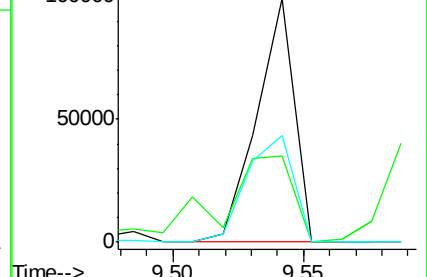
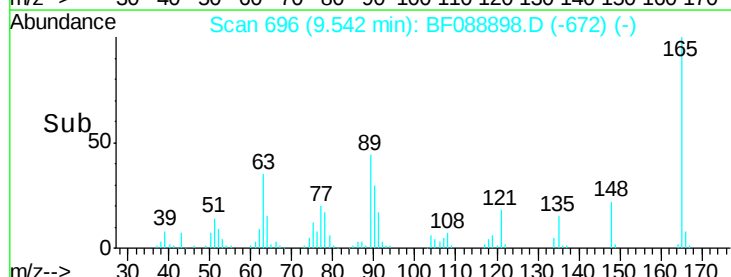
89 43.9 32.2 48.2

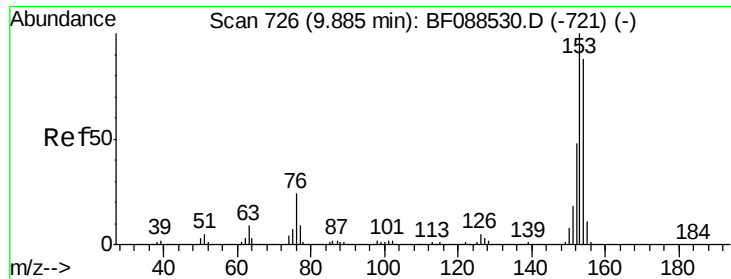


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

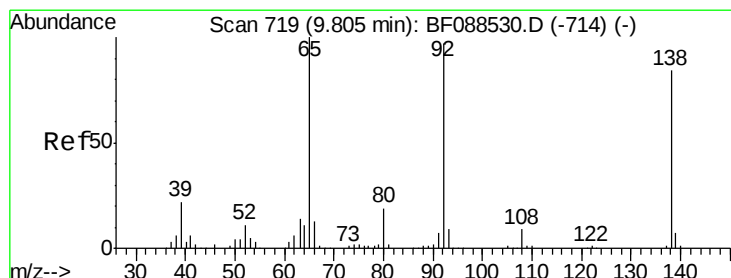
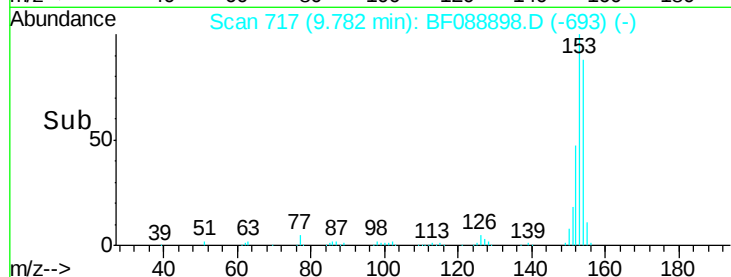
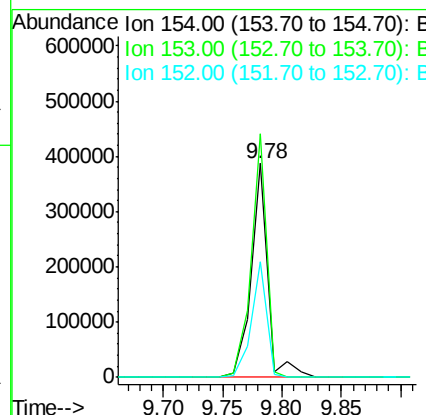
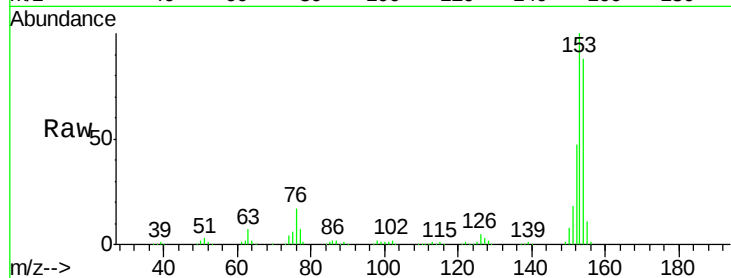




#51
Acenaphthene
Concen: 43.44 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF088898.D
Acq: 11 Jul 2016 14:25

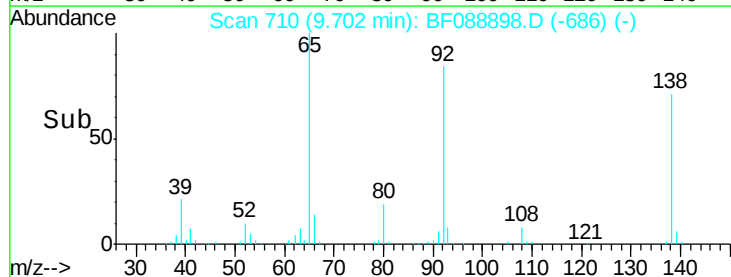
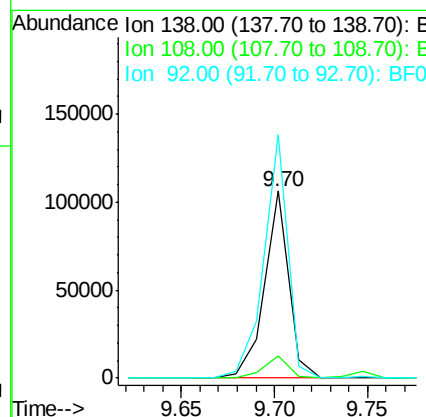
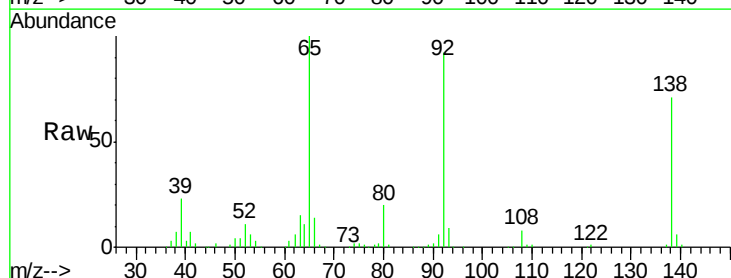
Instrument :
BNA_F
ClientSampled :

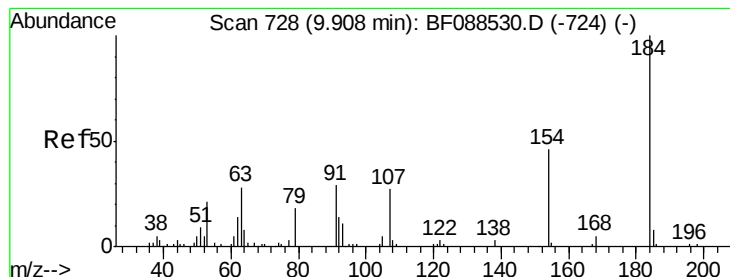
Tot Ion:154 Resp: 378209
Ion Ratio Lower Upper
154 100
153 114.0 89.5 134.3
152 54.1 42.7 64.1



#52
3-Nitroaniline
Concen: 35.08 ng
RT: 9.70 min Scan# 710
Delta R.T. -0.02 min
Lab File: BF088898.D
Acq: 11 Jul 2016 14:25

Tgt Ion:138 Resp: 96694
Ion Ratio Lower Upper
138 100
108 11.9 8.5 12.7
92 130.3 95.7 143.5





#53

2,4-Dinitrophenol

Concen: 41.86 ng

RT: 9.80 min Scan# 719

Delta R.T. -0.02 min

Lab File: BF088898.D

Acq: 11 Jul 2016 14:25

Instrument :

BNA_F

ClientSampleId :

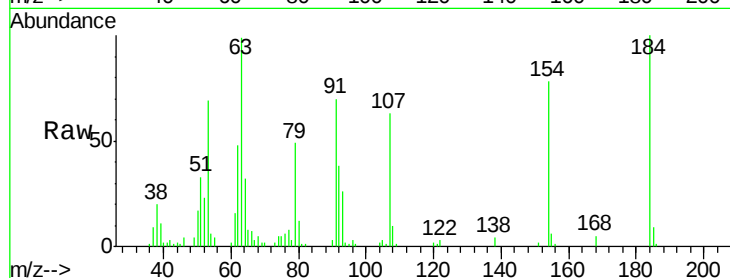
Tot Ion:184 Resp: 40073

Ion Ratio Lower Upper

184 100

63 98.5 57.6 86.4#

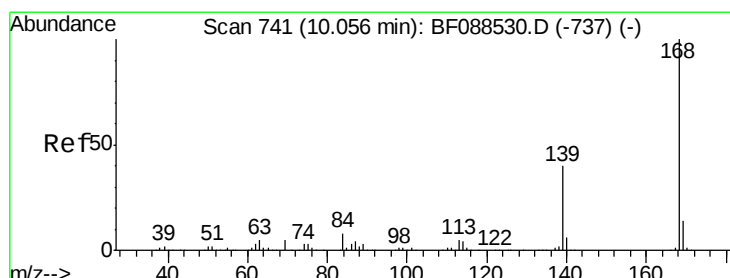
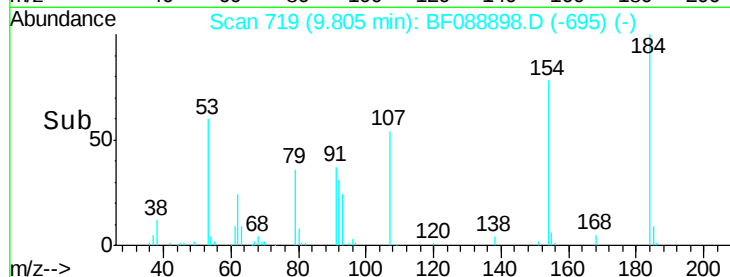
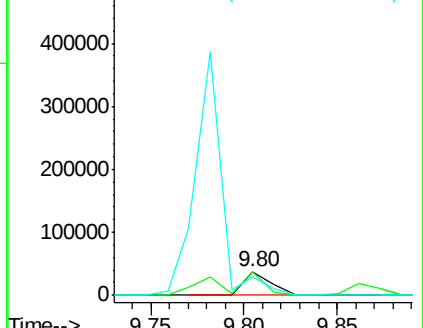
154 78.1 53.5 80.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 42.65 ng

RT: 9.95 min Scan# 732

Delta R.T. -0.02 min

Lab File: BF088898.D

Acq: 11 Jul 2016 14:25

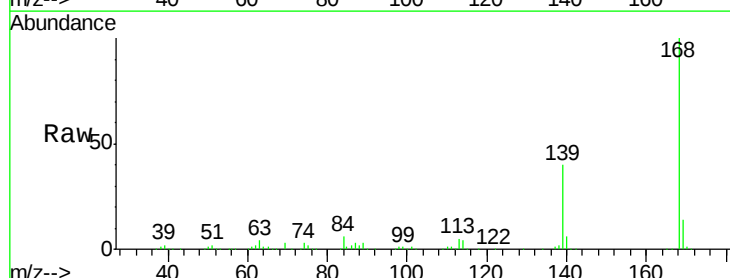
Tgt Ion:168 Resp: 486026

Ion Ratio Lower Upper

168 100

139 40.3 26.4 39.6#

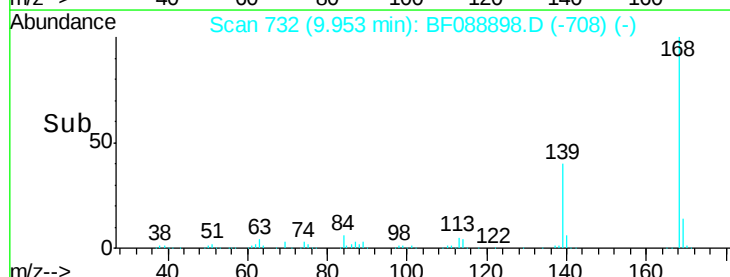
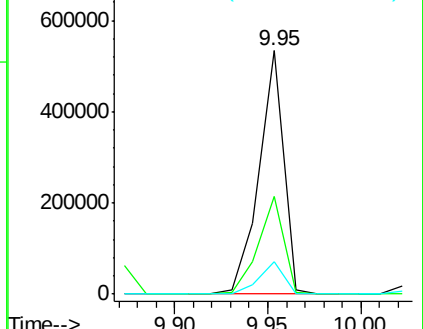
169 13.5 10.4 15.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

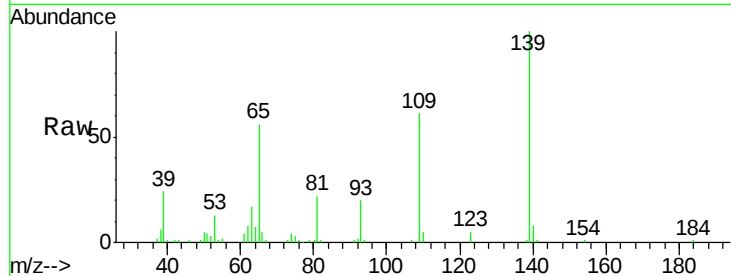




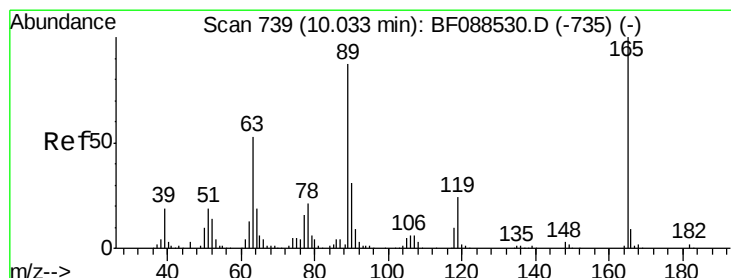
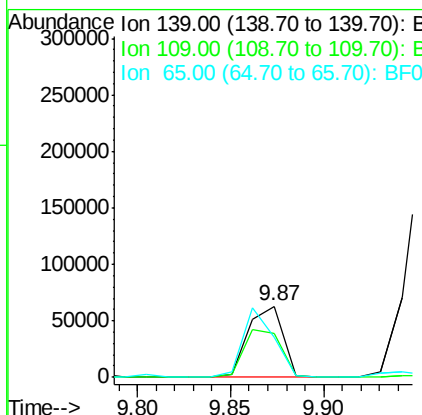
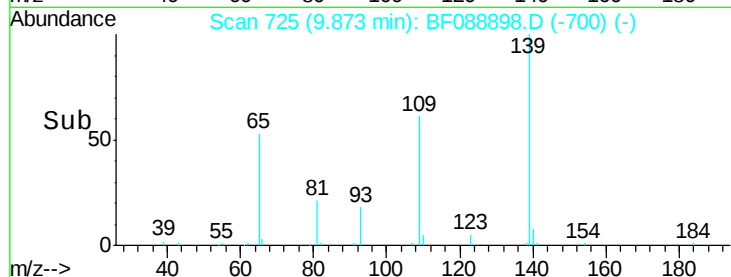
#55
4-Nitrophenol
Concen: 39.17 ng
RT: 9.87 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF088898.D
Acq: 11 Jul 2016 14:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 82039
Ion Ratio Lower Upper
139 100
109 61.5 48.9 88.9
65 56.1 84.9 124.9#

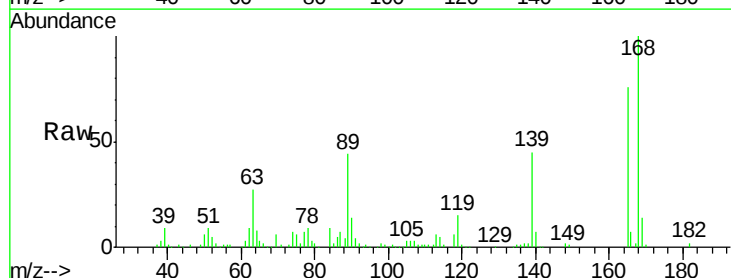


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

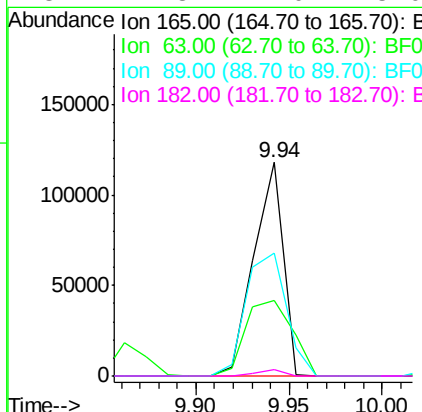
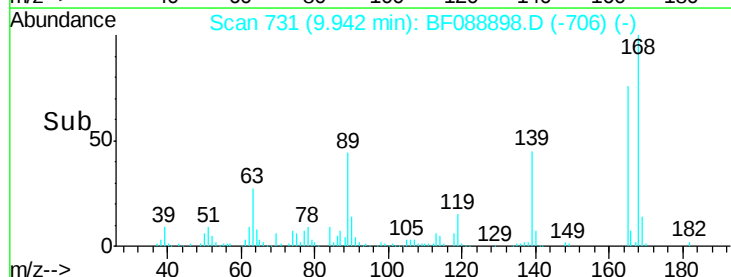


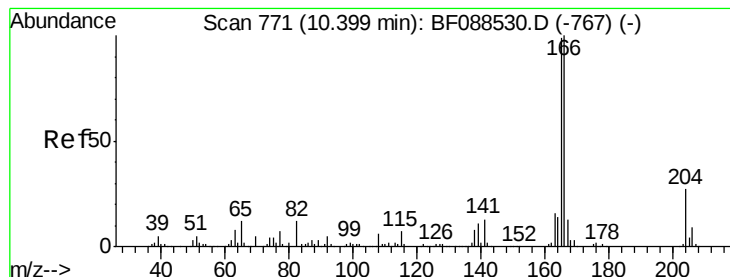
#56
2,4-Dinitrotoluene
Concen: 45.32 ng
RT: 9.94 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF088898.D
Acq: 11 Jul 2016 14:25

Tgt Ion:165 Resp: 128491
Ion Ratio Lower Upper
165 100
63 35.7 22.0 33.0#
89 57.7 41.1 61.7
182 2.8 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: 45.29 ng

RT: 10.30 min Scan# 762

Delta R.T. -0.02 min

Lab File: BF088898.D

Acq: 11 Jul 2016 14:25

Instrument :

BNA_F

ClientSampleId :

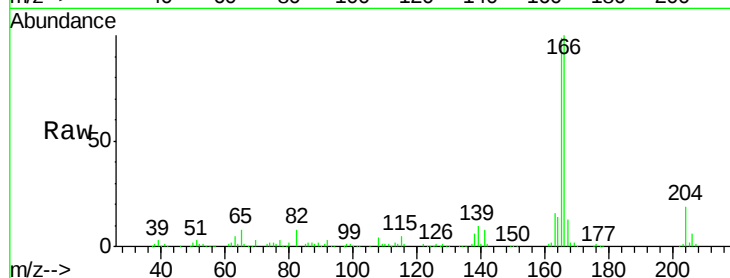
Tot Ion:166 Resp: 397719

Ion Ratio Lower Upper

166 100

165 99.2 77.8 116.8

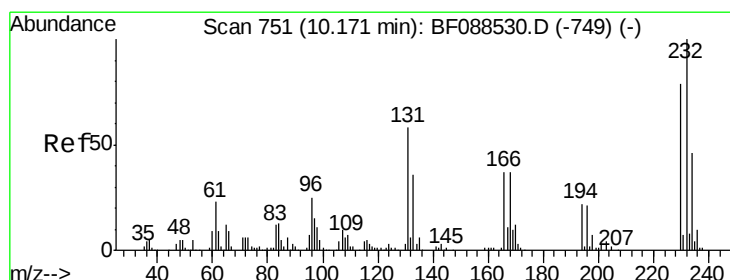
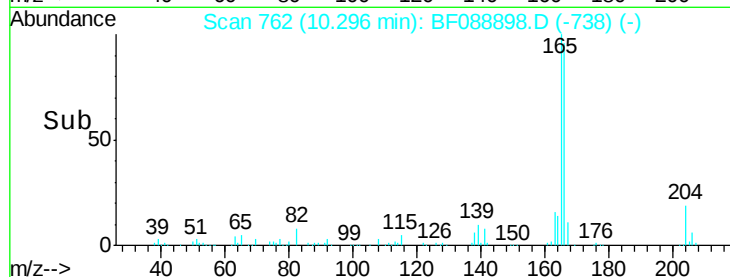
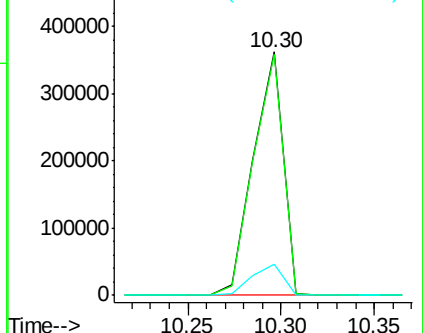
167 12.9 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.89 ng

RT: 10.07 min Scan# 742

Delta R.T. -0.02 min

Lab File: BF088898.D

Acq: 11 Jul 2016 14:25

Tgt Ion:232 Resp: 81971

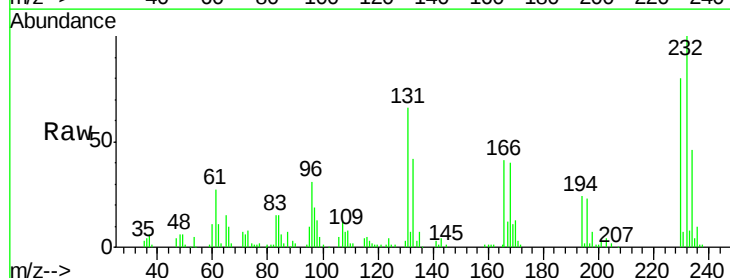
Ion Ratio Lower Upper

232 100

131 57.0 0.9 1.3#

130 2.8 1.5 2.3#

166 36.0 0.5 0.7#

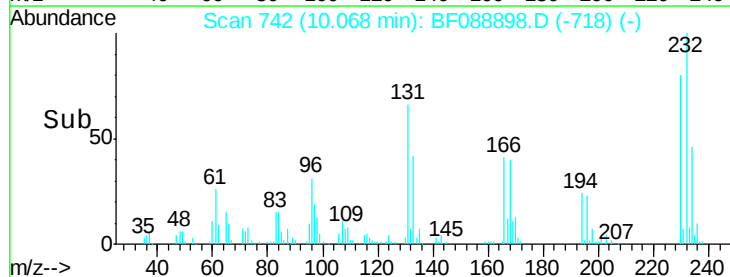
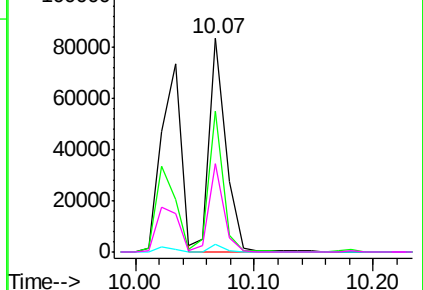


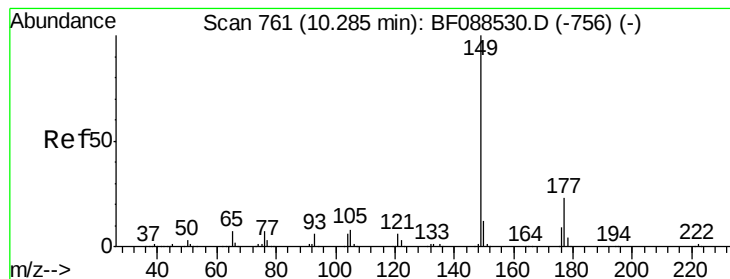
Abundance Ion 232.00 (231.70 to 232.70): E

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: 41.94 ng

RT: 10.18 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF088898.D

Acq: 11 Jul 2016 14:25

Instrument :

BNA_F

ClientSampled :

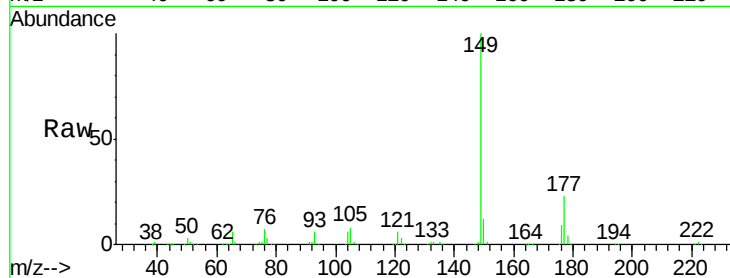
Tot Ion:149 Resp: 411810

Ion Ratio Lower Upper

149 100

177 22.9 16.9 25.3

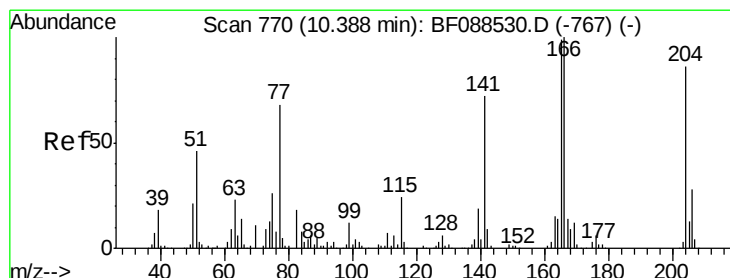
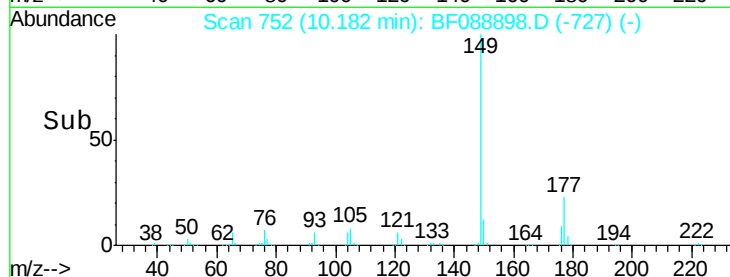
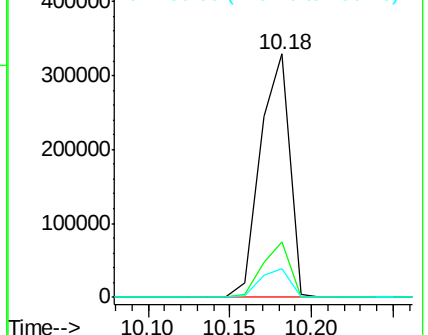
150 11.9 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 38.59 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.02 min

Lab File: BF088898.D

Acq: 11 Jul 2016 14:25

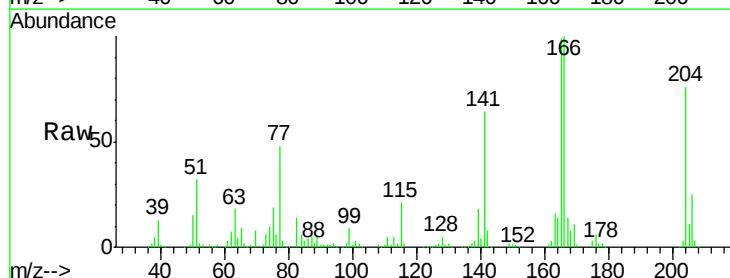
Tgt Ion:204 Resp: 157475

Ion Ratio Lower Upper

204 100

206 32.2 26.3 39.5

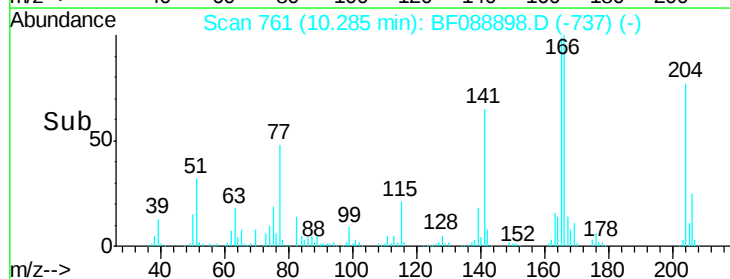
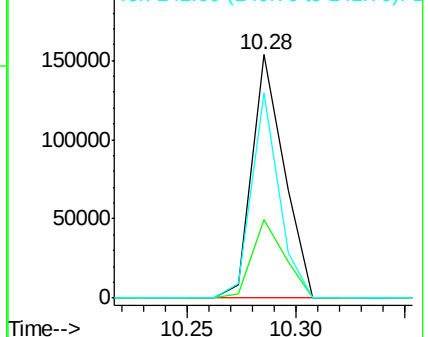
141 84.0 55.0 82.6#

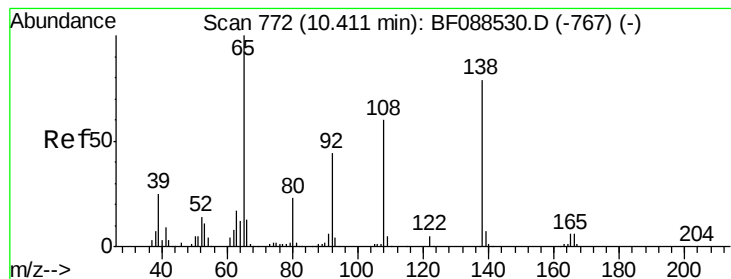


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 42.48 ng

RT: 10.32 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF088898.D

Acq: 11 Jul 2016 14:25

Instrument :

BNA_F

ClientSampleId :

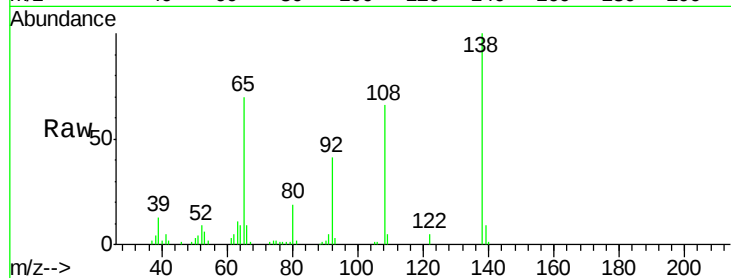
Tot Ion:138 Resp: 112687

Ion Ratio Lower Upper

138 100

92 41.1 27.3 67.3

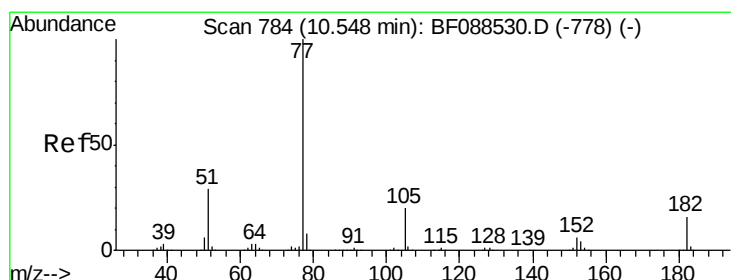
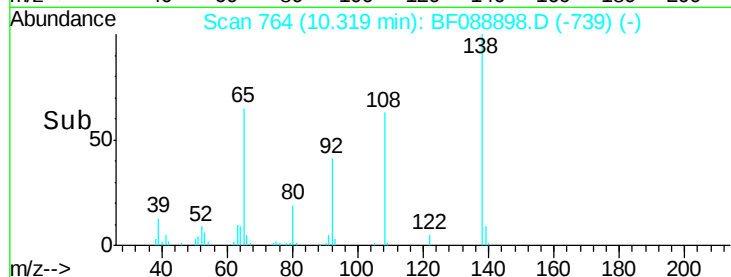
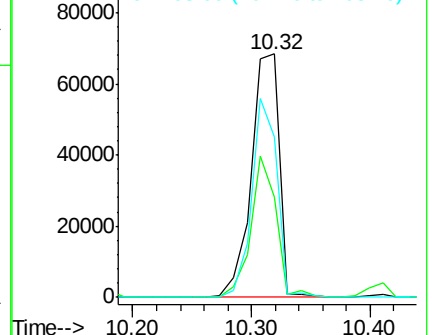
108 65.7 46.7 86.7



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: 37.47 ng

RT: 10.44 min Scan# 775

Delta R.T. -0.02 min

Lab File: BF088898.D

Acq: 11 Jul 2016 14:25

Tgt Ion: 77 Resp: 419652

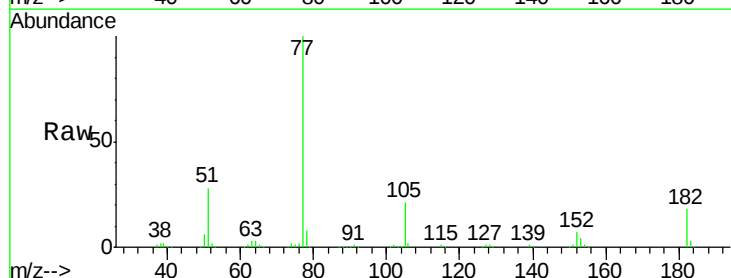
Ion Ratio Lower Upper

77 100

182 18.0 4.4 44.4

105 21.5 3.8 43.8

51 28.1 9.3 49.3

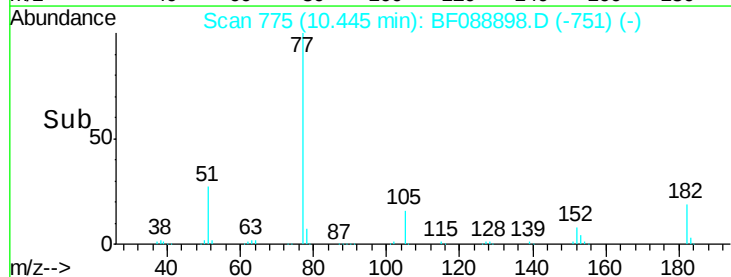
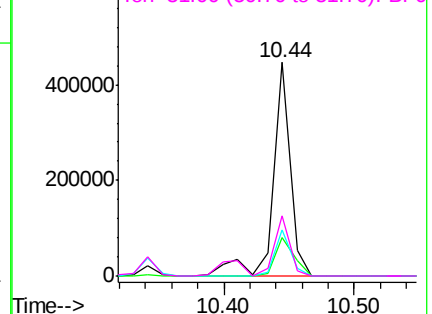


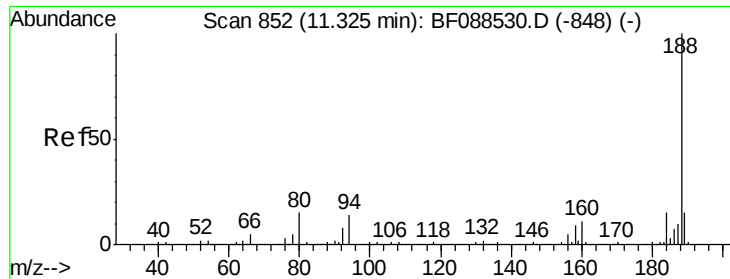
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

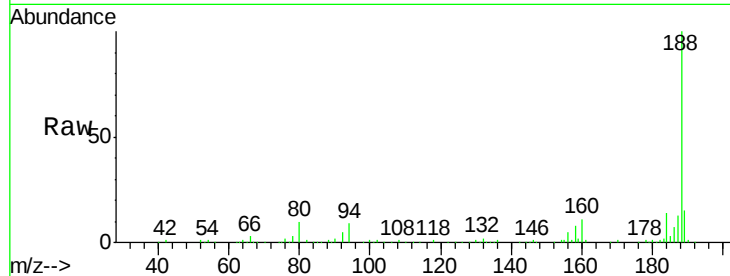




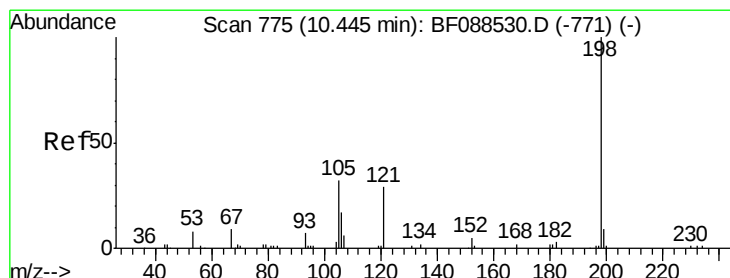
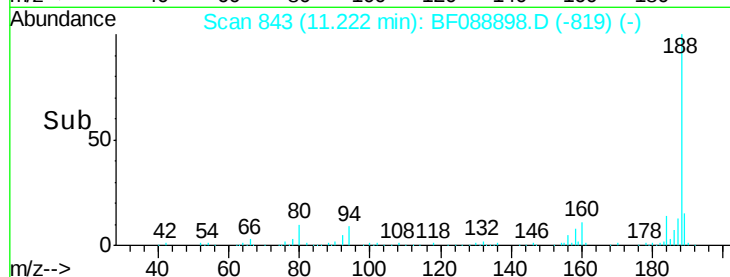
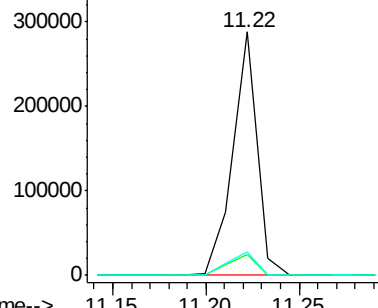
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 843
Delta R.T. -0.02 min
Lab File: BF088898.D
Acq: 11 Jul 2016 14:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.6	9.0	13.6#
80	9.6	10.0	15.0#

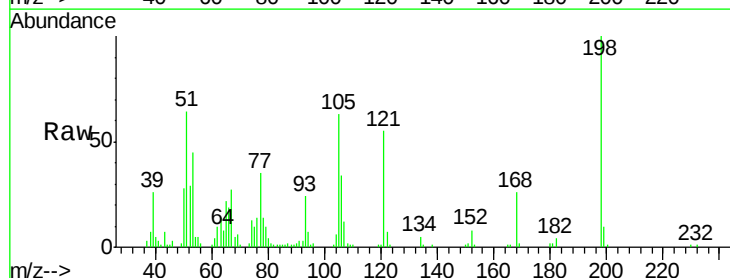


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

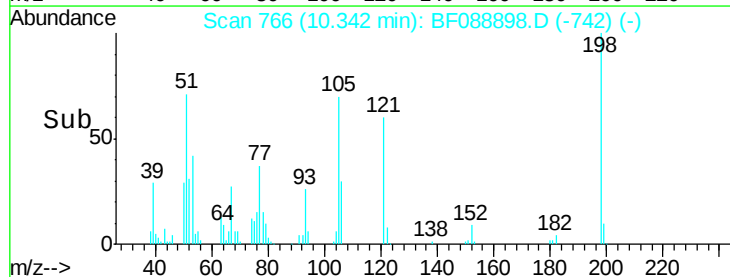
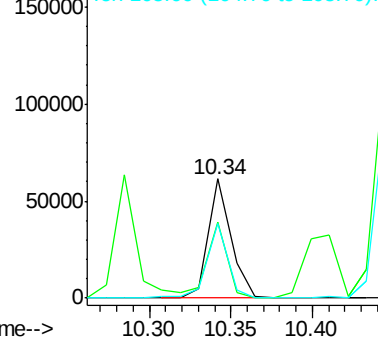


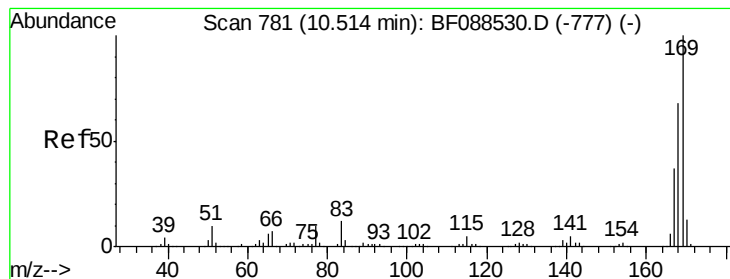
#64
4,6-Dinitro-2-methylphenol
Concen: 41.47 ng
RT: 10.34 min Scan# 766
Delta R.T. -0.02 min
Lab File: BF088898.D
Acq: 11 Jul 2016 14:25

Tgt Ion	Ratio	Lower	Upper
198	100		
51	64.2	39.6	79.6
105	62.8	36.6	76.6



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

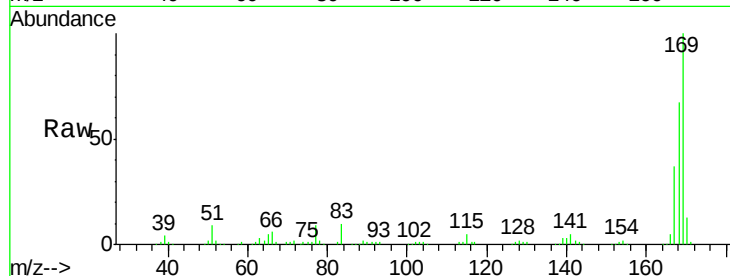




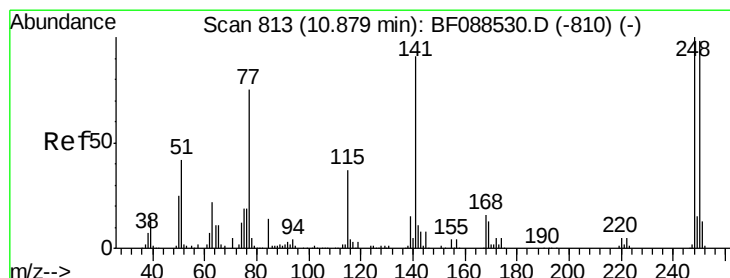
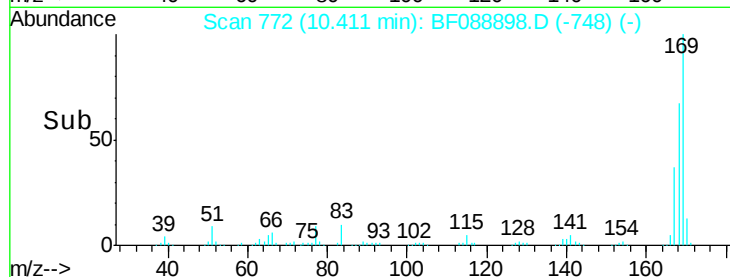
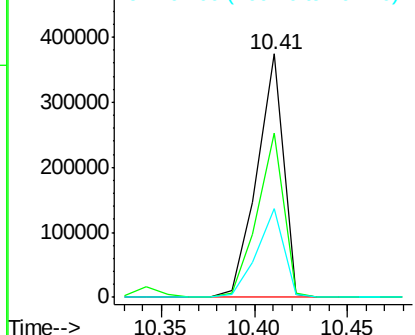
#65
 n-Nitrosodiphenylamine
 Concen: 40.99 ng
 RT: 10.41 min Scan# 772
 Delta R.T. -0.02 min
 Lab File: BF088898.D
 Acq: 11 Jul 2016 14:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 367168
 Ion Ratio Lower Upper
 169 100
 168 67.5 53.4 80.0
 167 36.5 29.4 44.0

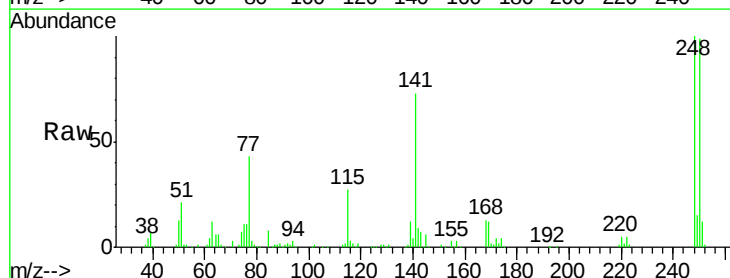


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

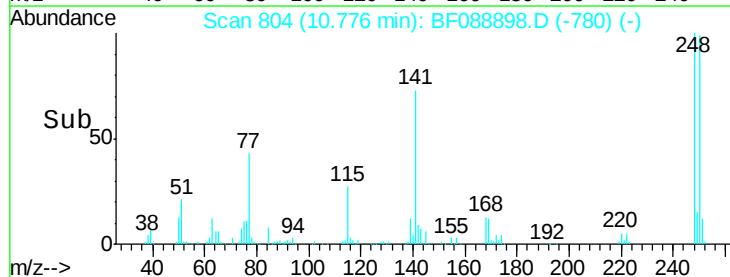
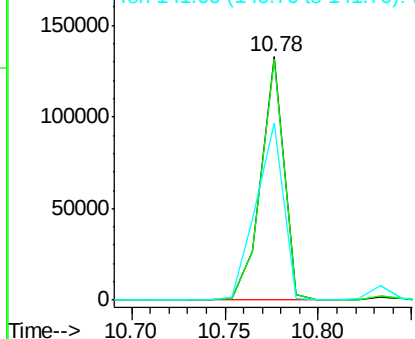


#66
 4-Bromophenyl-phenylether
 Concen: 42.05 ng
 RT: 10.78 min Scan# 804
 Delta R.T. -0.02 min
 Lab File: BF088898.D
 Acq: 11 Jul 2016 14:25

Tgt Ion:248 Resp: 112160
 Ion Ratio Lower Upper
 248 100
 250 98.9 77.1 115.7
 141 72.9 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

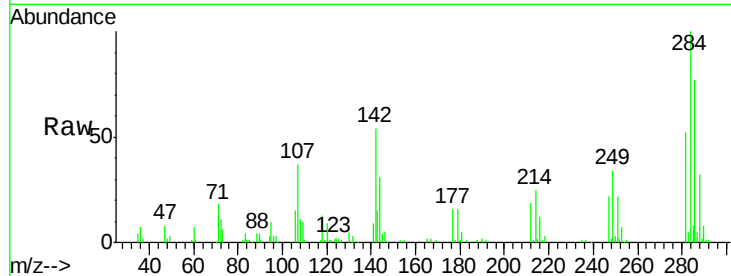




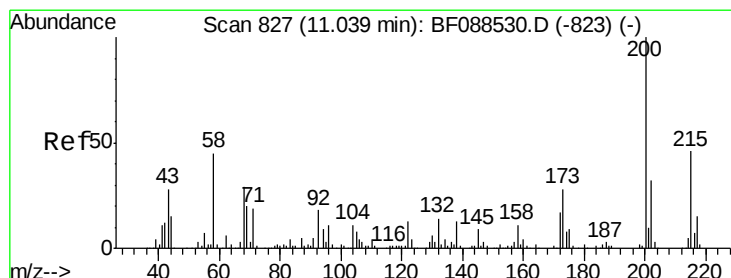
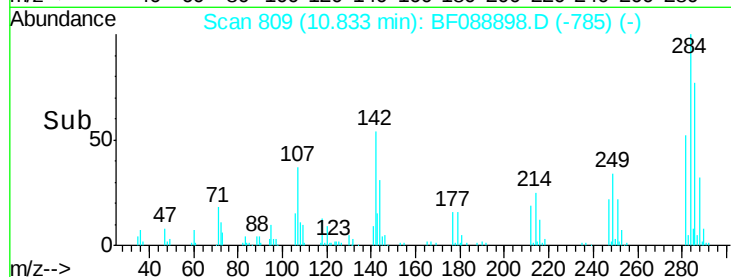
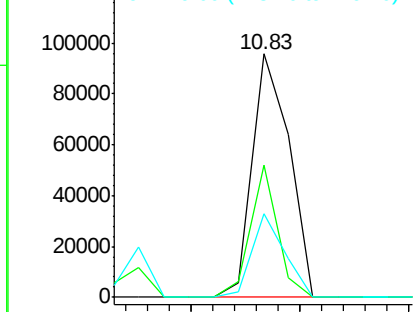
#67
Hexachlorobenzene
Concen: 38.49 ng
RT: 10.83 min Scan# 809
Delta R.T. -0.02 min
Lab File: BF088898.D
Acq: 11 Jul 2016 14:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 113644
Ion Ratio Lower Upper
284 100
142 54.2 35.8 53.8#
249 34.5 25.8 38.6

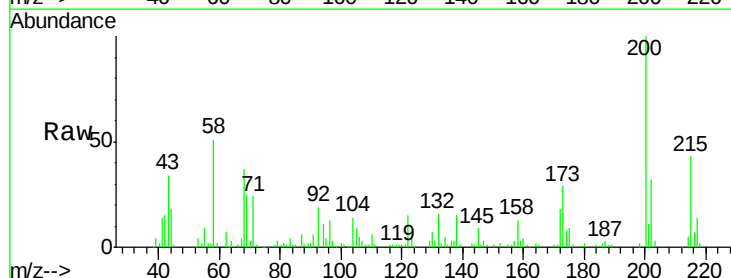


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

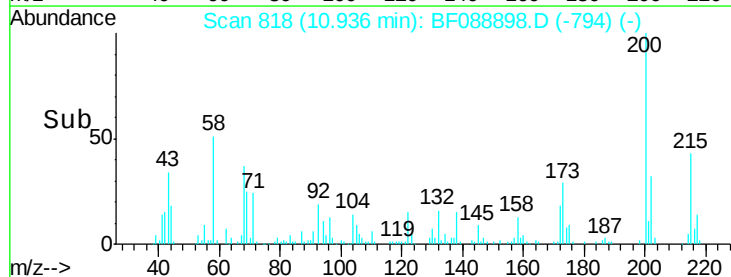
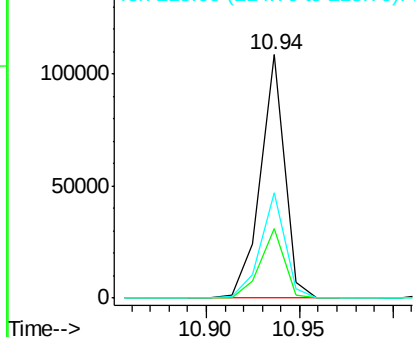


#68
Atrazine
Concen: 34.79 ng
RT: 10.94 min Scan# 818
Delta R.T. -0.02 min
Lab File: BF088898.D
Acq: 11 Jul 2016 14:25

Tgt Ion:200 Resp: 97097
Ion Ratio Lower Upper
200 100
173 28.6 4.0 44.0
215 43.4 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

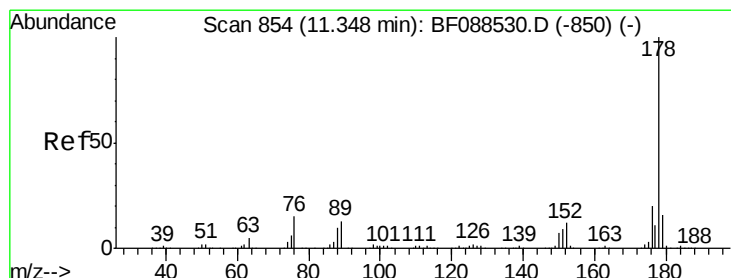
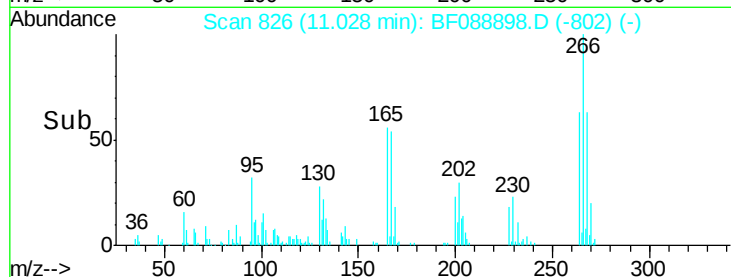
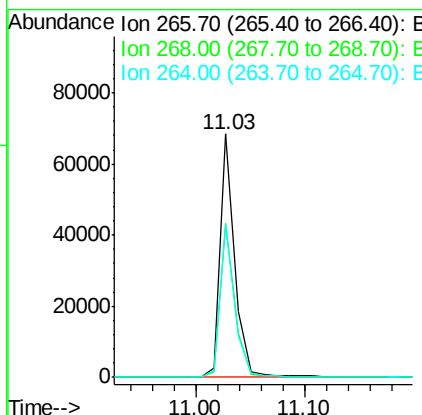
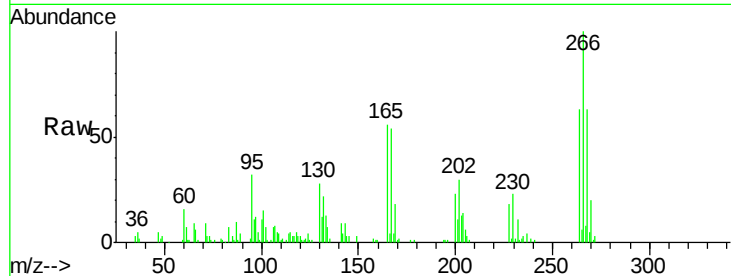




#69
 Pentachlorophenol
 Concen: 36.82 ng
 RT: 11.03 min Scan# 826
 Delta R.T. -0.02 min
 Lab File: BF088898.D
 Acq: 11 Jul 2016 14:25

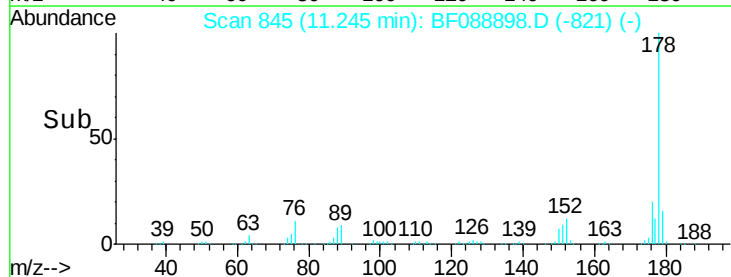
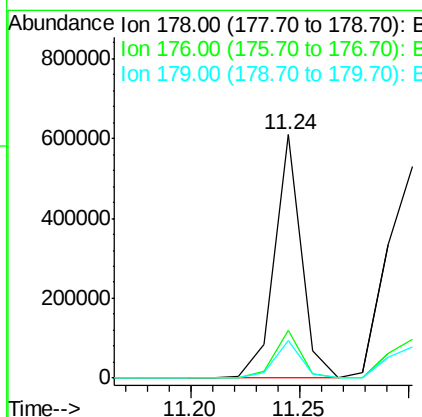
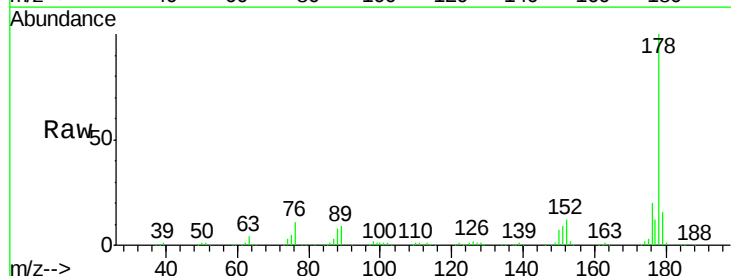
Instrument :
 BNA_F
 ClientSampled :

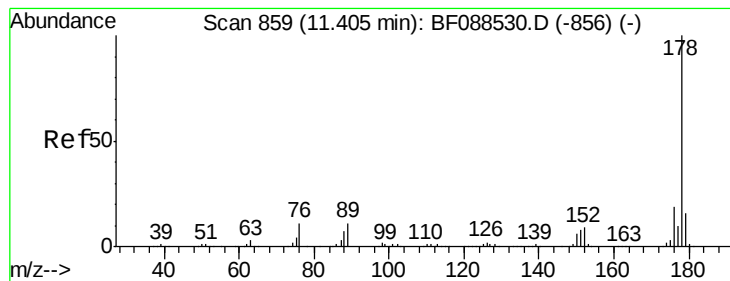
Tot Ion:266 Resp: 64330
 Ion Ratio Lower Upper
 266 100
 268 63.2 52.8 79.2
 264 62.7 49.6 74.4



#70
 Phenanthrene
 Concen: 36.29 ng
 RT: 11.24 min Scan# 845
 Delta R.T. -0.02 min
 Lab File: BF088898.D
 Acq: 11 Jul 2016 14:25

Tgt Ion:178 Resp: 525049
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.6
 179 15.5 13.0 19.4





#71

Anthracene

Concen: 42.06 ng

RT: 11.30 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF088898.D

Acq: 11 Jul 2016 14:25

Instrument :

BNA_F

ClientSampleId :

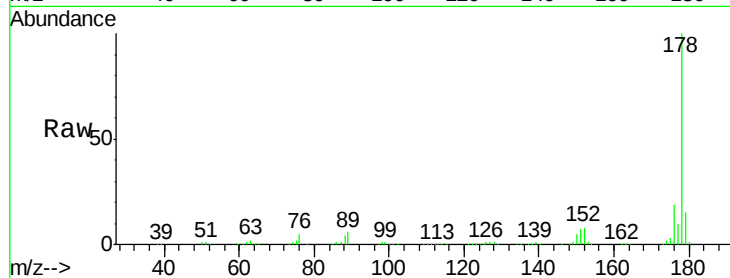
Tot Ion:178 Resp: 605034

Ion Ratio Lower Upper

178 100

176 18.5 15.6 23.4

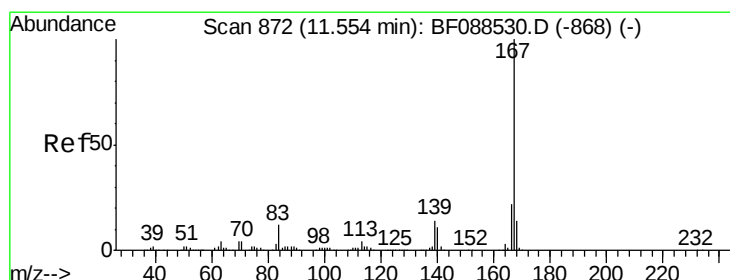
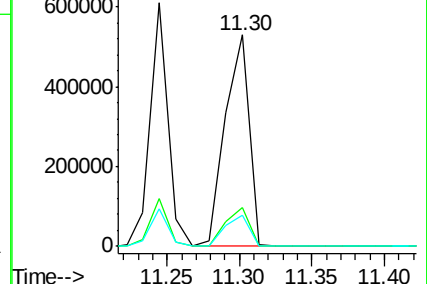
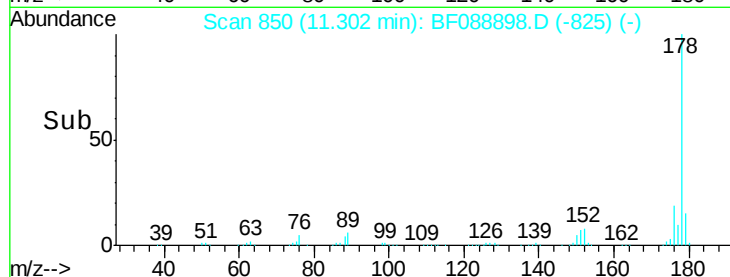
179 15.0 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 34.87 ng

RT: 11.45 min Scan# 863

Delta R.T. -0.02 min

Lab File: BF088898.D

Acq: 11 Jul 2016 14:25

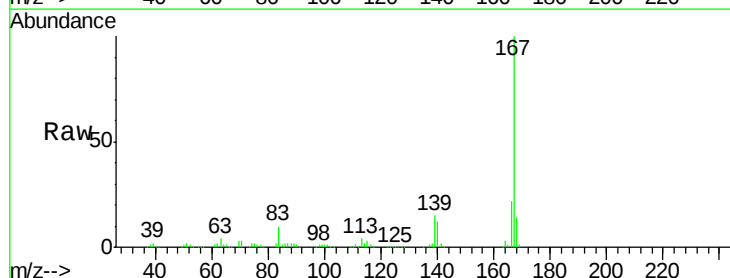
Tgt Ion:167 Resp: 472100

Ion Ratio Lower Upper

167 100

166 21.8 17.8 26.6

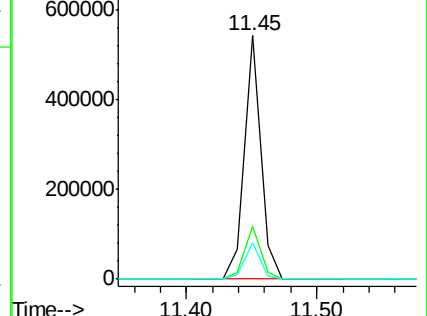
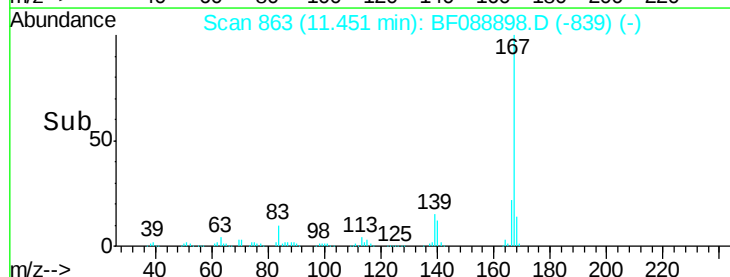
139 14.9 11.2 16.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.82 ng

RT: 11.79 min Scan# 893

Delta R.T. -0.02 min

Lab File: BF088898.D

Acq: 11 Jul 2016 14:25

Instrument :

BNA_F

ClientSampleId :

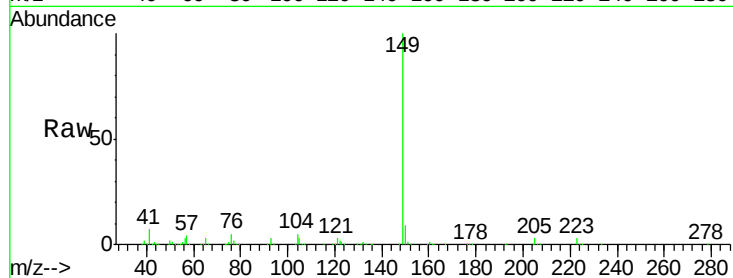
Tot Ion:149 Resp: 611359

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

104 5.5 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

1000000

800000

600000

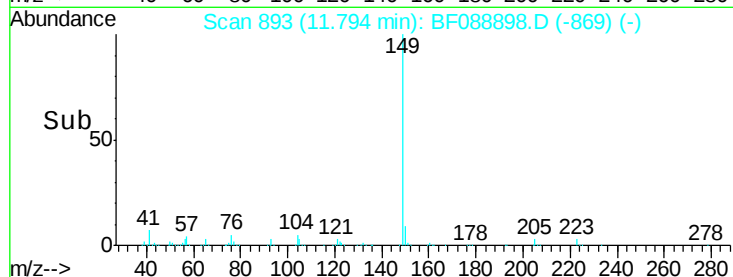
400000

200000

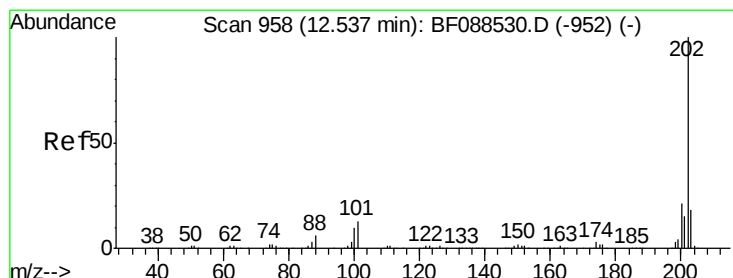
0

11.79

11.75 11.80 11.85



Time-->



#74

Fluoranthene

Concen: 37.65 ng

RT: 12.42 min Scan# 948

Delta R.T. -0.02 min

Lab File: BF088898.D

Acq: 11 Jul 2016 14:25

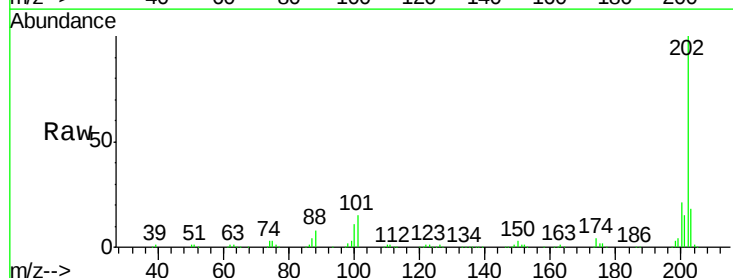
Tgt Ion:202 Resp: 552241

Ion Ratio Lower Upper

202 100

101 14.8 0.0 33.1

203 17.8 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

600000

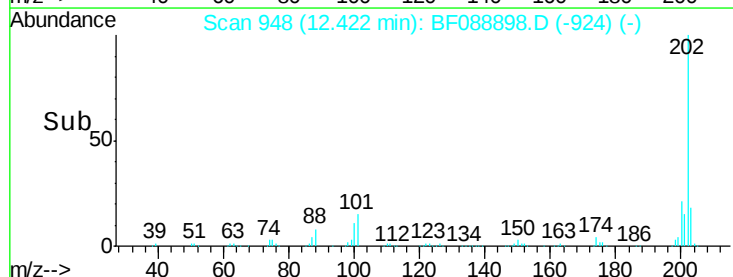
400000

200000

0

12.42

12.30 12.40 12.50



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.85 min Scan# 1073

Delta R.T. -0.02 min

Lab File: BF088898.D

Acq: 11 Jul 2016 14:25

Instrument :

BNA_F

ClientSampleId :

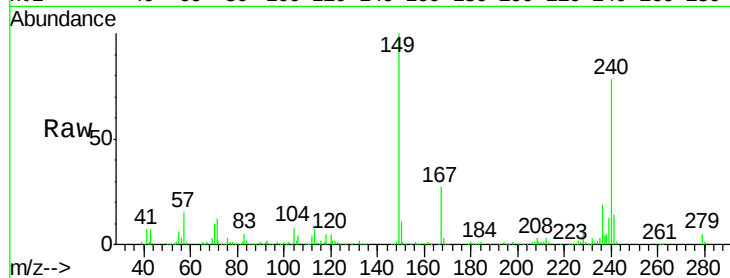
Tot Ion:240 Resp: 194523

Ion Ratio Lower Upper

240 100

120 6.9 6.8 10.2

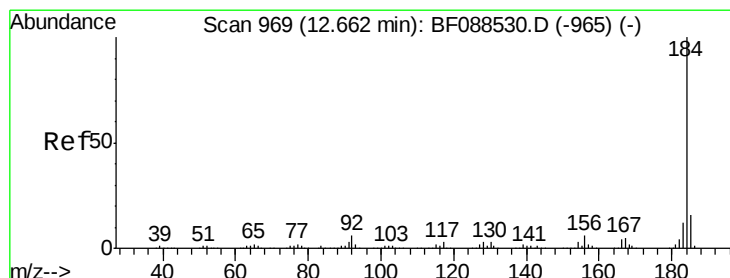
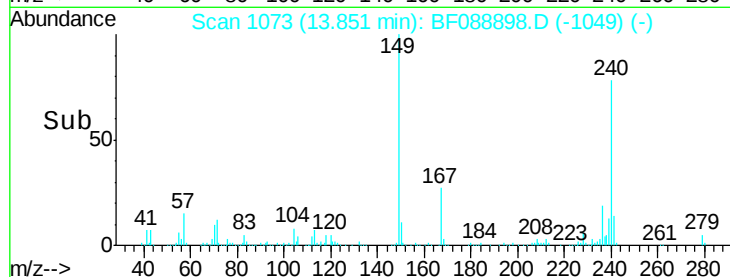
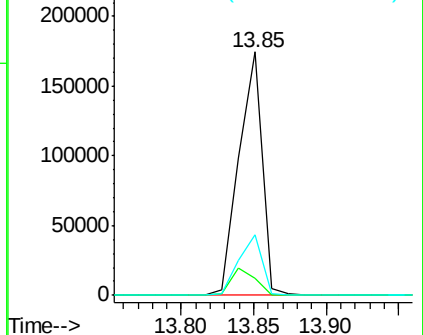
236 25.0 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 43.44 ng

RT: 12.55 min Scan# 959

Delta R.T. -0.02 min

Lab File: BF088898.D

Acq: 11 Jul 2016 14:25

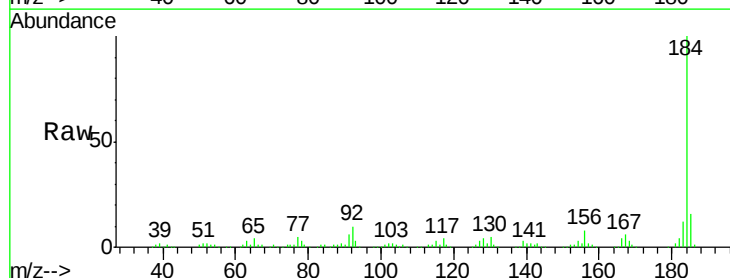
Tgt Ion:184 Resp: 427140

Ion Ratio Lower Upper

184 100

185 16.3 12.5 18.7

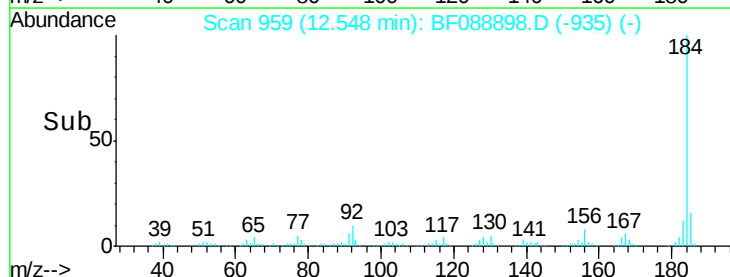
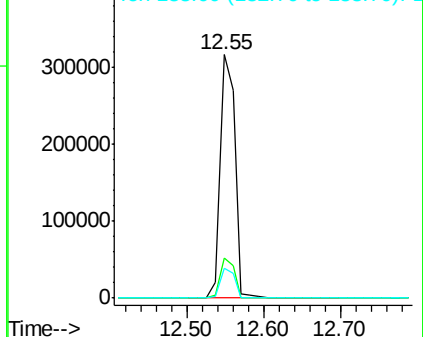
183 12.1 9.3 13.9

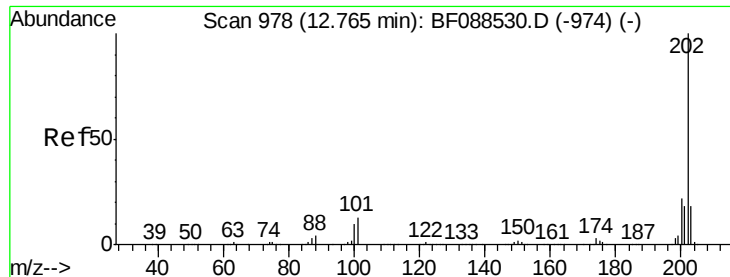


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

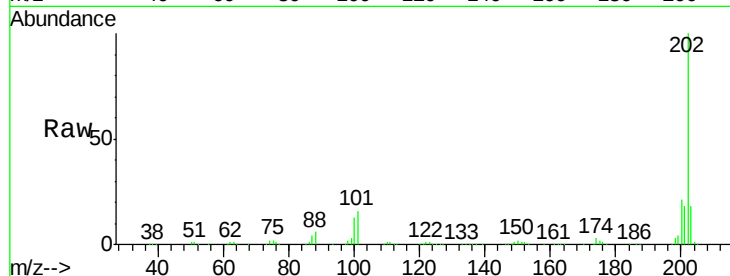




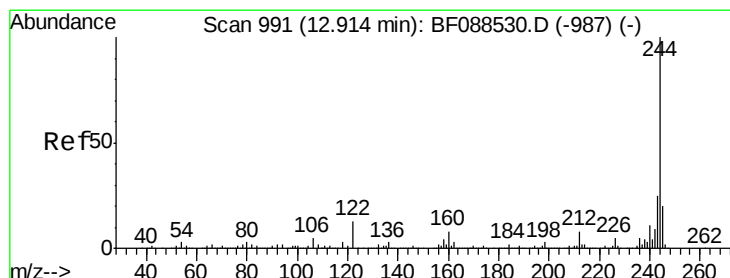
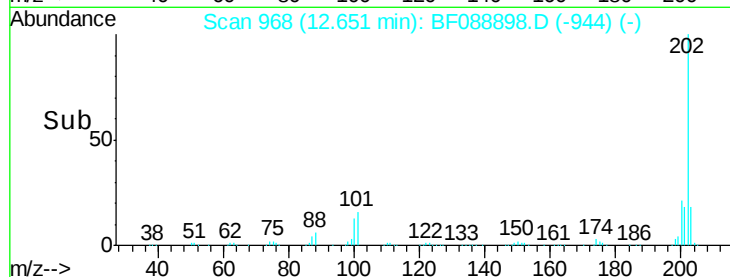
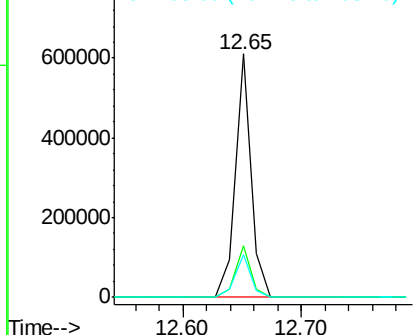
#77
Pvrene
Concen: 34.12 ng
RT: 12.65 min Scan# 968
Delta R.T. -0.02 min
Lab File: BF088898.D
Acq: 11 Jul 2016 14:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	17.8	14.5	21.7

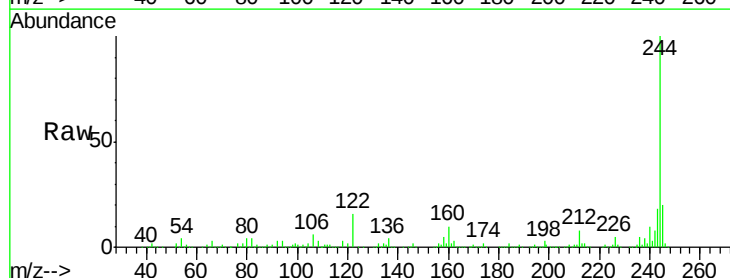


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

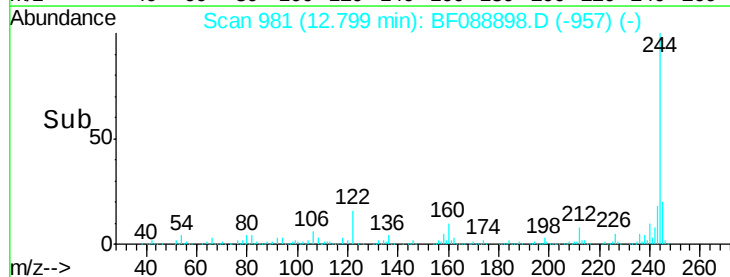
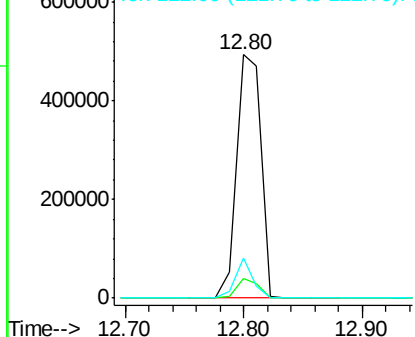


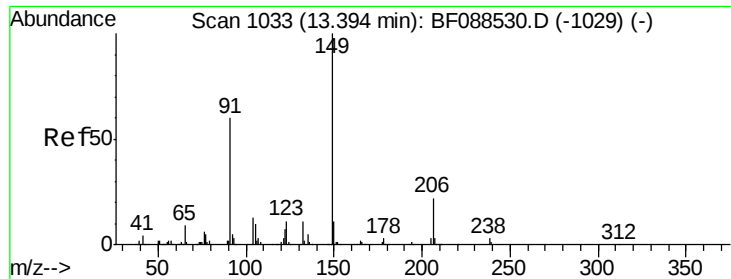
#78
Terphenyl-d14
Concen: 80.27 ng
RT: 12.80 min Scan# 981
Delta R.T. -0.02 min
Lab File: BF088898.D
Acq: 11 Jul 2016 14:25

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.0	9.0
122	16.5	11.2	16.8



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

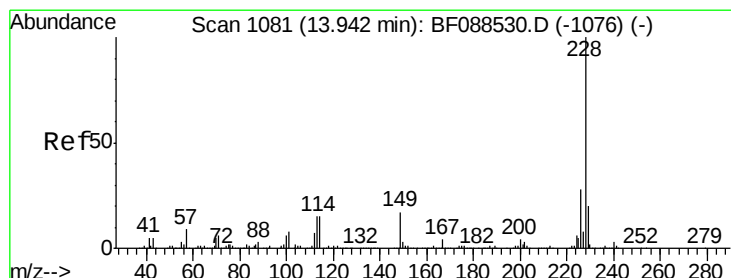
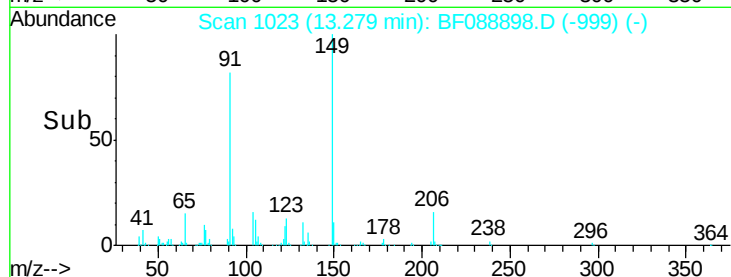
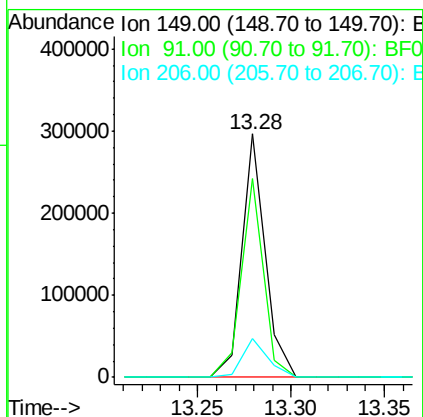
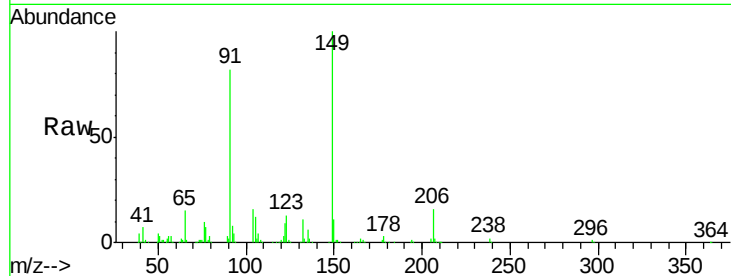




#79
Butylbenzylphthalate
Concen: 34.92 ng
RT: 13.28 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF088898.D
Acq: 11 Jul 2016 14:25

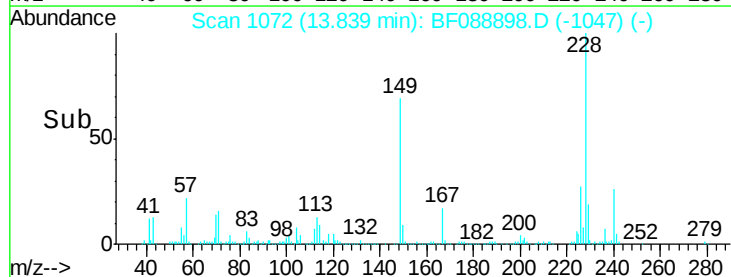
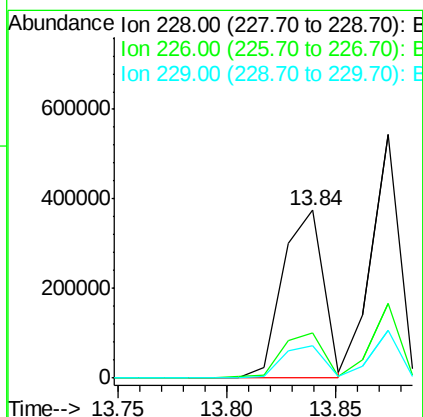
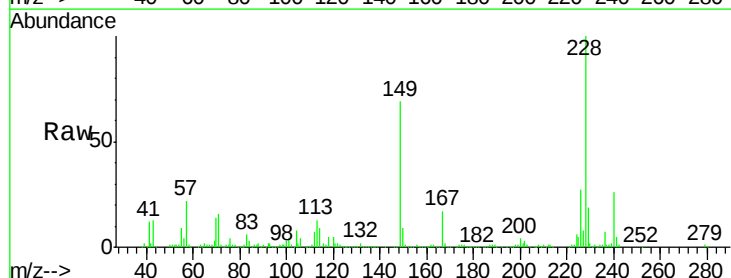
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 256896
Ion Ratio Lower Upper
149 100
91 81.6 48.0 72.0#
206 16.2 16.0 24.0



#80
Benzo(a)anthracene
Concen: 39.03 ng
RT: 13.84 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BF088898.D
Acq: 11 Jul 2016 14:25

Tgt Ion:228 Resp: 488835
Ion Ratio Lower Upper
228 100
226 26.8 22.3 33.5
229 19.4 16.0 24.0

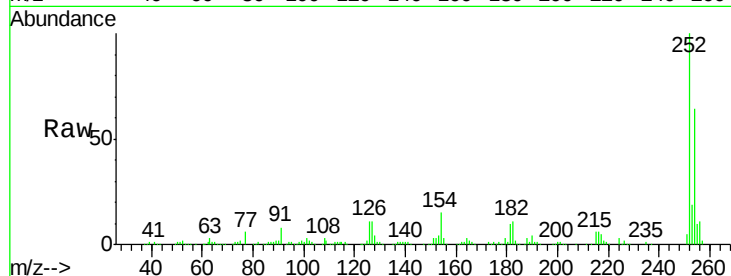




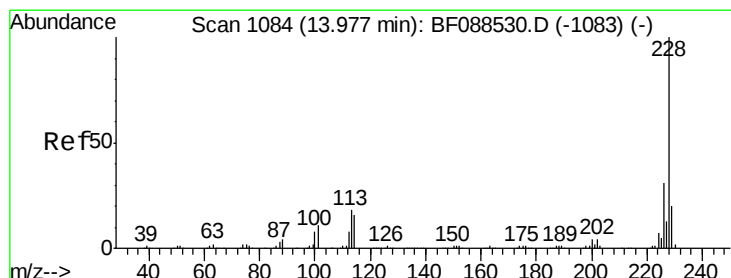
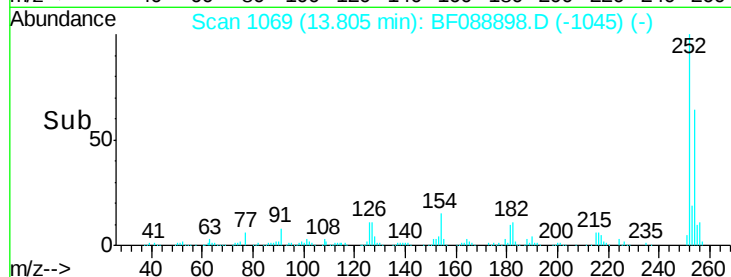
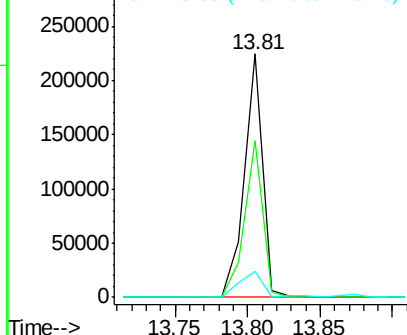
#81
 3,3'-Dichlorobenzidine
 Concen: 41.38 ng
 RT: 13.81 min Scan# 1069
 Delta R.T. -0.02 min
 Lab File: BF088898.D
 Acq: 11 Jul 2016 14:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 194864
 Ion Ratio Lower Upper
 252 100
 254 64.4 52.6 78.8
 126 10.7 6.2 9.2#

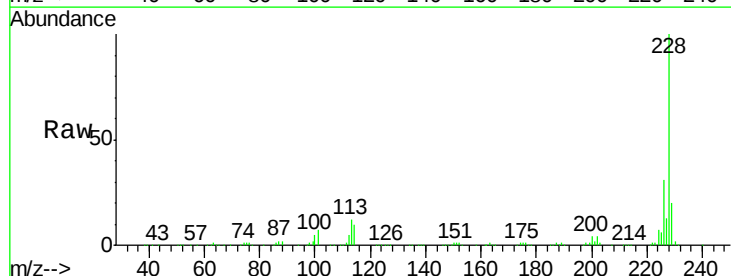


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

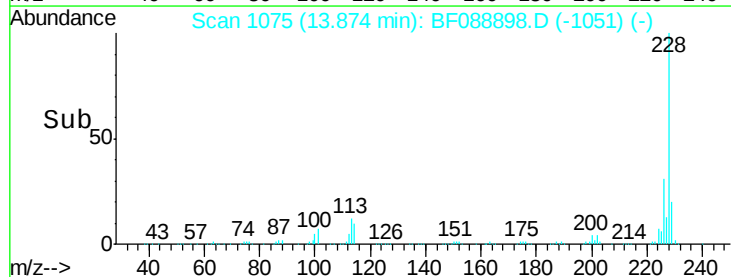
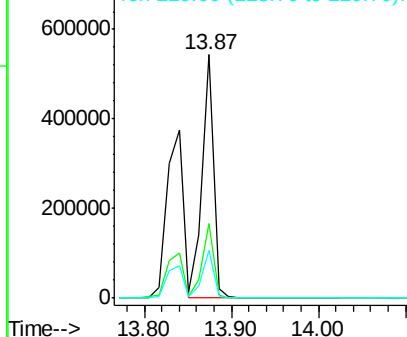


#82
 Chrysene
 Concen: 39.61 ng
 RT: 13.87 min Scan# 1075
 Delta R.T. -0.02 min
 Lab File: BF088898.D
 Acq: 11 Jul 2016 14:25

Tgt Ion:228 Resp: 490914
 Ion Ratio Lower Upper
 228 100
 226 30.8 25.4 38.2
 229 19.7 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

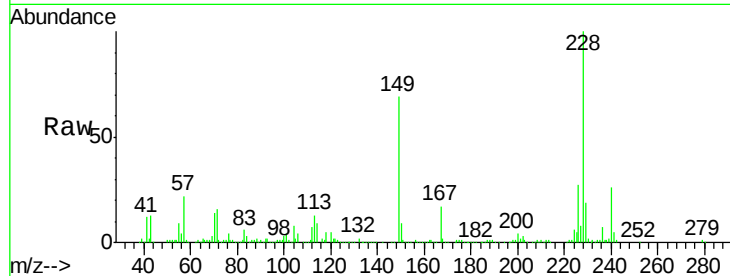




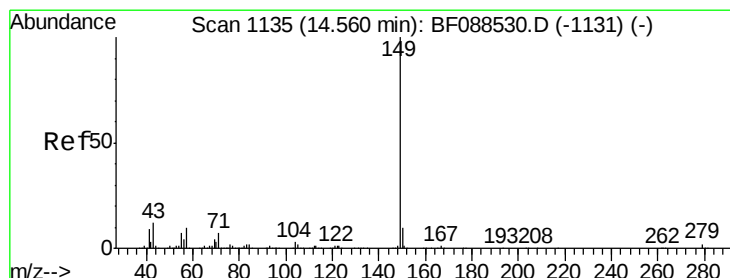
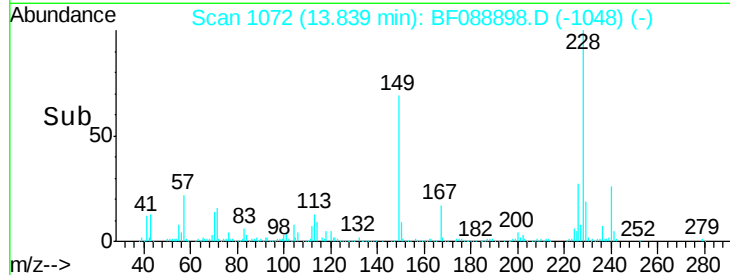
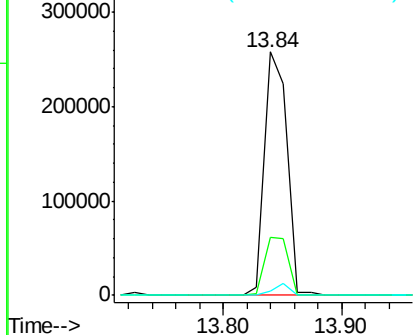
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.63 ng
 RT: 13.84 min Scan# 1072
 Delta R.T. -0.02 min
 Lab File: BF088898.D
 Acq: 11 Jul 2016 14:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 341279
 Ion Ratio Lower Upper
 149 100
 167 24.1 20.5 30.7
 279 1.9 2.0 3.0#

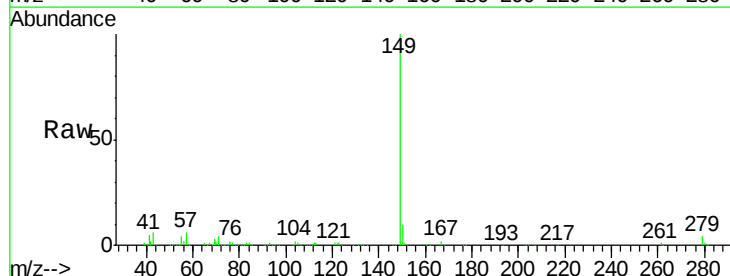


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

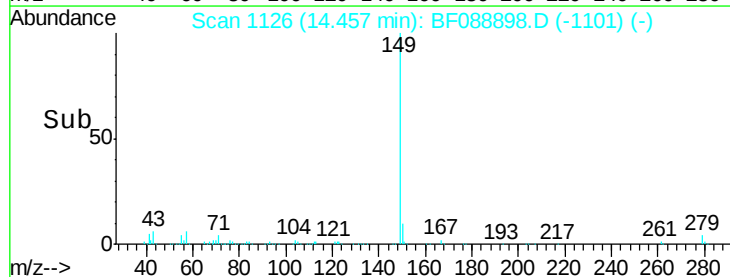
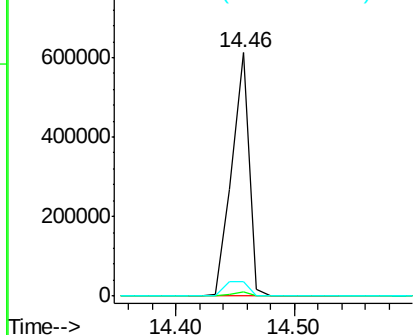


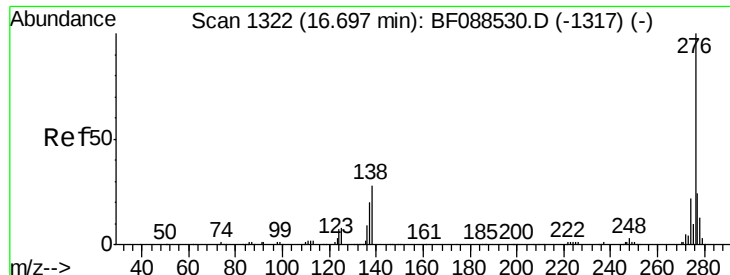
#84
 Di-n-octyl phthalate
 Concen: 43.61 ng
 RT: 14.46 min Scan# 1126
 Delta R.T. -0.01 min
 Lab File: BF088898.D
 Acq: 11 Jul 2016 14:25

Tgt Ion:149 Resp: 622254
 Ion Ratio Lower Upper
 149 100
 167 1.5 0.0 0.0#
 43 8.5 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

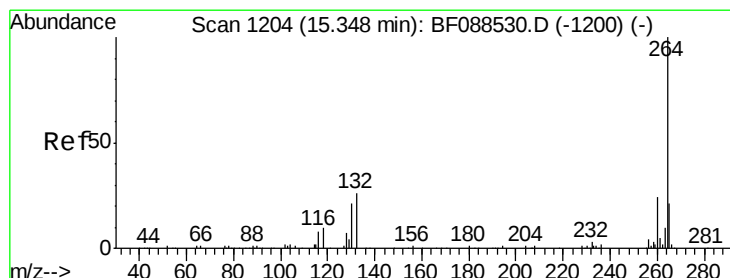
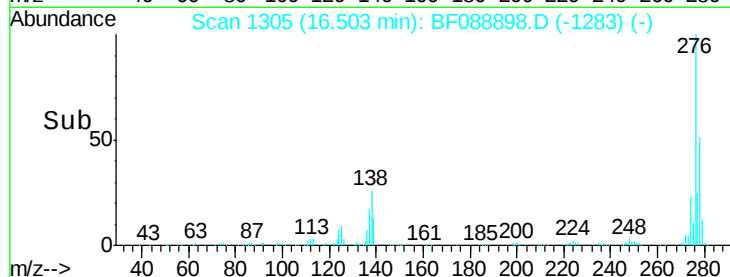
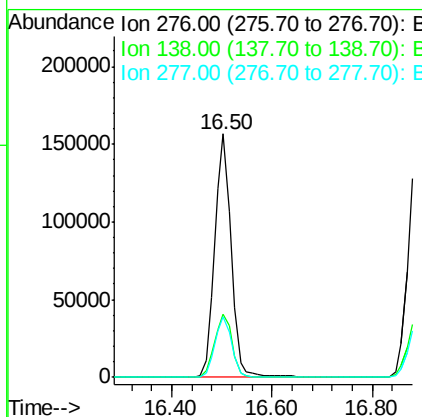
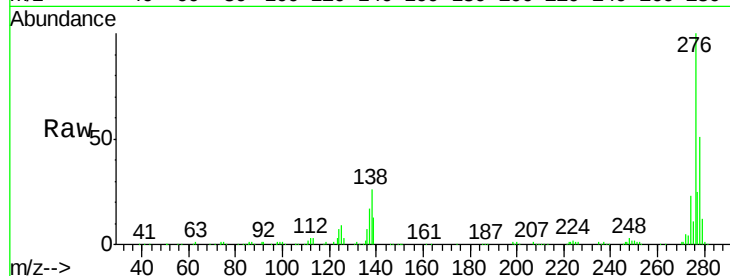




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.27 ng
 RT: 16.50 min Scan# 1305
 Delta R.T. -0.05 min
 Lab File: BF088898.D
 Acq: 11 Jul 2016 14:25

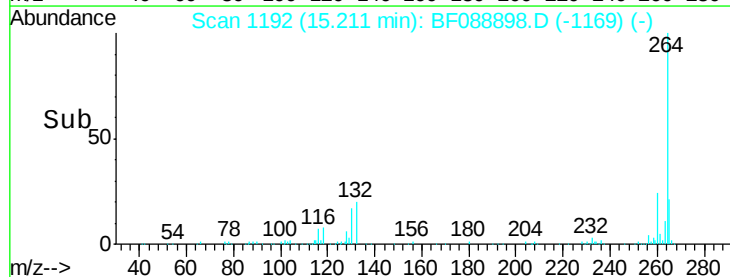
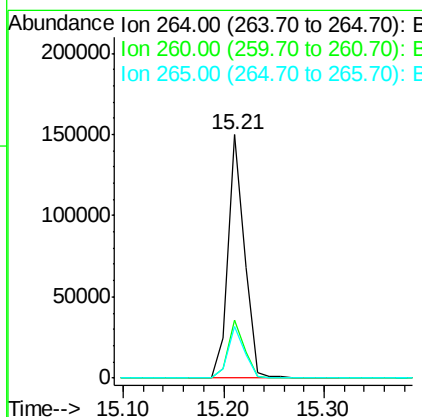
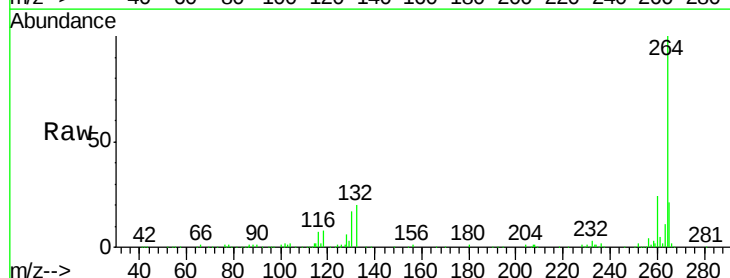
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 355298
 Ion Ratio Lower Upper
 276 100
 138 27.6 0.0 0.0#
 277 25.4 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1192
 Delta R.T. -0.03 min
 Lab File: BF088898.D
 Acq: 11 Jul 2016 14:25

Tgt Ion:264 Resp: 171543
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.2 16.9 25.3





#87

Benzo(b)fluoranthene

Concen: 78.03 ng

RT: 14.87 min Scan# 1162

Delta R.T. 0.01 min

Lab File: BF088898.D

Acq: 11 Jul 2016 14:25

Instrument :

BNA_F

ClientSampled :

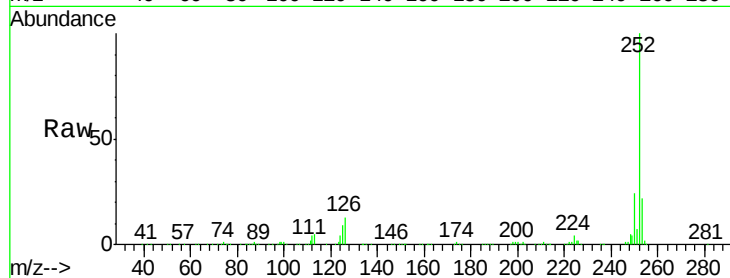
Tot Ion:252 Resp: 839704

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

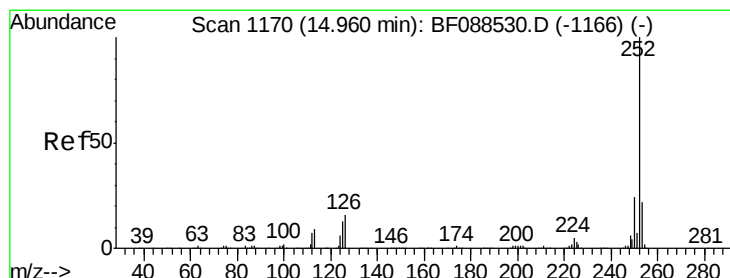
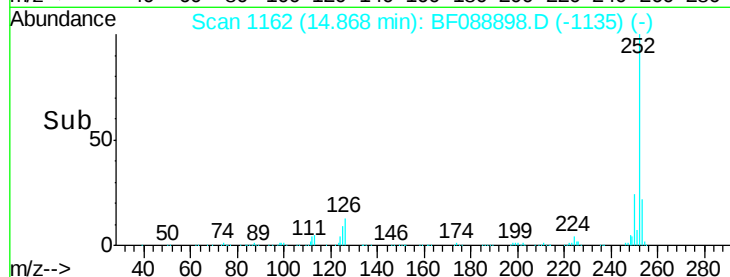
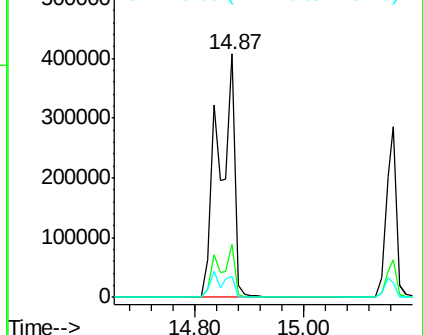
125 8.6 7.1 10.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 89.64 ng

RT: 14.87 min Scan# 1162

Delta R.T. -0.02 min

Lab File: BF088898.D

Acq: 11 Jul 2016 14:25

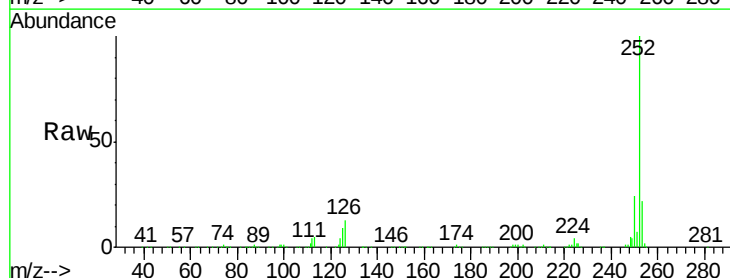
Tgt Ion:252 Resp: 839704

Ion Ratio Lower Upper

252 100

253 21.7 18.0 27.0

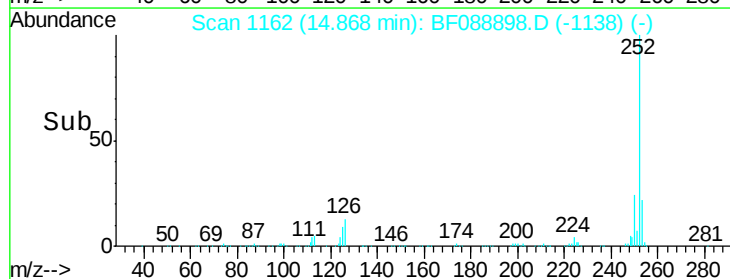
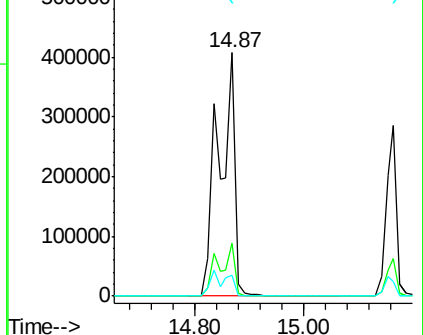
125 8.6 11.2 16.8#

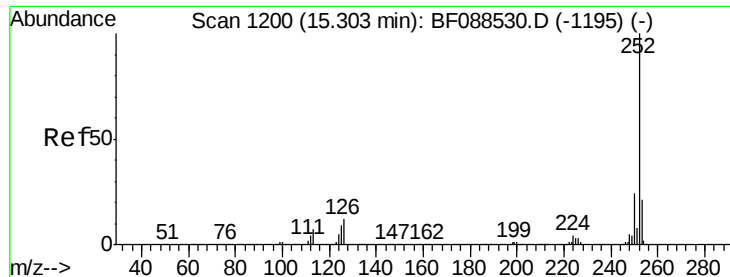


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 42.00 ng

RT: 15.17 min Scan# 1188

Delta R.T. -0.02 min

Lab File: BF088898.D

Acq: 11 Jul 2016 14:25

Instrument :

BNA_F

ClientSampleId :

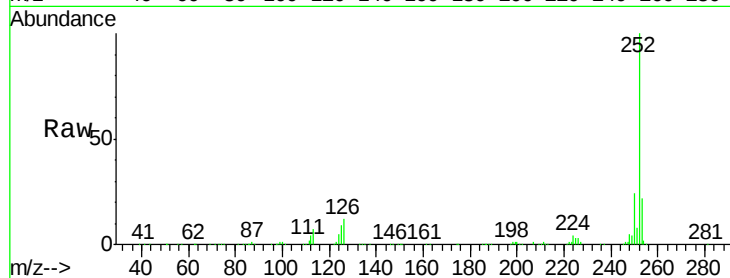
Tot Ion:252 Resp: 382707

Ion Ratio Lower Upper

252 100

253 21.7 17.9 26.9

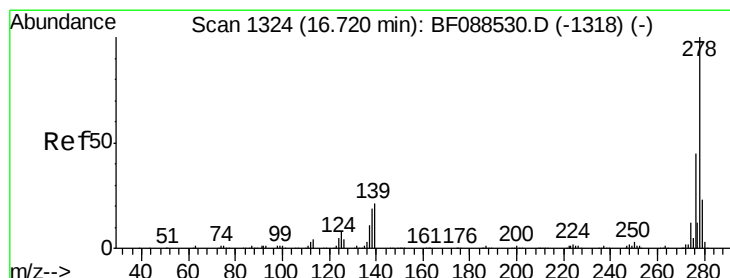
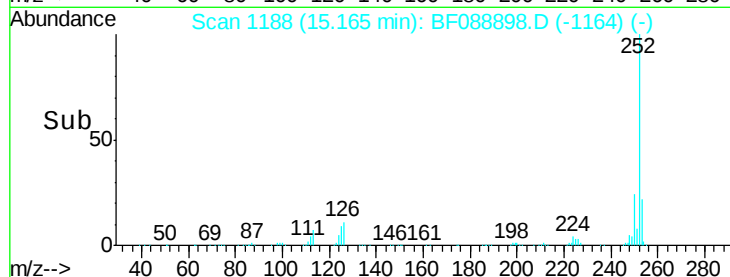
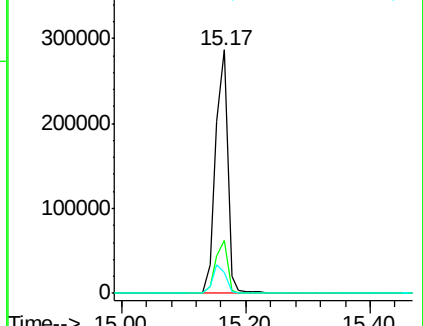
125 8.8 12.5 18.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 40.59 ng

RT: 16.51 min Scan# 1306

Delta R.T. -0.05 min

Lab File: BF088898.D

Acq: 11 Jul 2016 14:25

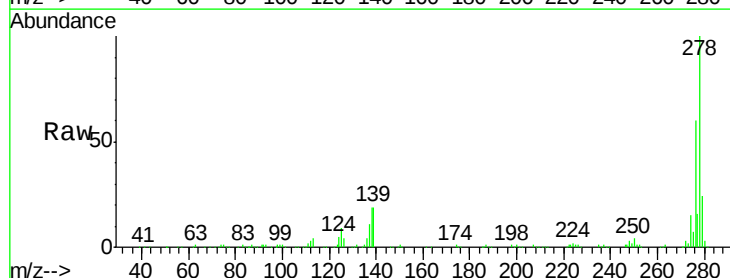
Tgt Ion:278 Resp: 308842

Ion Ratio Lower Upper

278 100

139 18.7 15.7 23.5

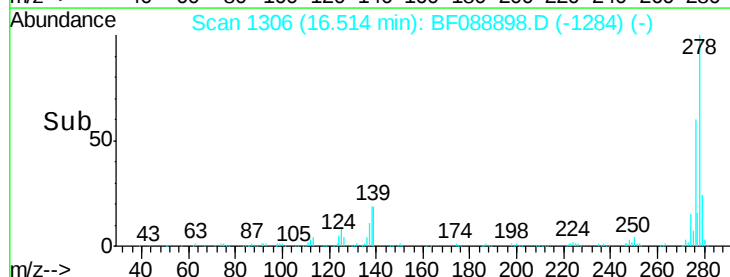
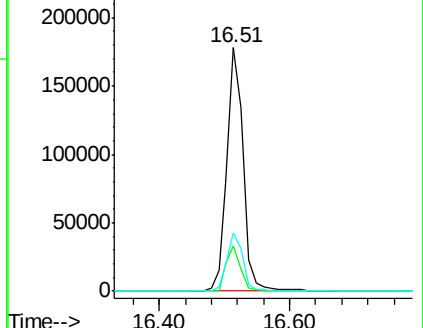
279 24.0 19.4 29.2

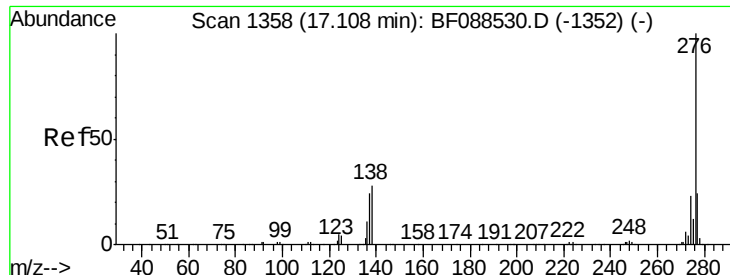


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 39.06 ng

RT: 16.89 min Scan# 1339

Delta R.T. -0.05 min

Lab File: BF088898.D

Acq: 11 Jul 2016 14:25

Instrument :

BNA_F

ClientSampleId :

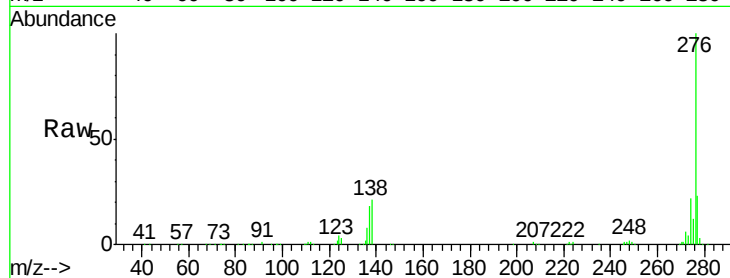
Tot Ion: 276 Resp: 307490

Ion Ratio Lower Upper

276 100

277 23.4 18.9 28.3

138 21.1 21.4 32.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

