

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071816\
 Data File : BF089083.D
 Acq On : 18 Jul 2016 14:38
 Operator : UM/SJ
 Sample : PB92185BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92185BS

Quant Time: Jul 19 03:31:24 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 19 03:29:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	49592	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	210373	20.00	ng	0.00
38) Acenaphthene-d10	9.68	164	98663	20.00	ng	0.00
63) Phenanthrene-d10	11.15	188	186014	20.00	ng	0.00
75) Chrysene-d12	13.77	240	129795	20.00	ng	0.00
86) Perylene-d12	15.13	264	103512	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	247821	74.89	ng	0.00
7) Phenol-d6	6.30	99	326356	76.33	ng	0.00
23) Nitrobenzene-d5	7.21	82	286070	71.26	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	68703	74.99	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	513309	82.18	ng	0.00
78) Terphenyl-d14	12.73	244	432849	74.28	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.10	88	54143	33.00	ng	# 28
3) Pyridine	2.74	79	143041	30.05	ng	94
4) n-Nitrosodimethylamine	2.71	42	63714	35.03	ng	97
6) Aniline	6.30	93	219987	35.30	ng	# 61
8) 2-Chlorophenol	6.42	128	136085	38.26	ng	96
9) Benzaldehyde	6.18	77	93198	32.18	ng	90
10) Phenol	6.31	94	190060	38.95	ng	# 59
11) bis(2-Chloroethyl)ether	6.39	93	141932	39.00	ng	85
12) 1,3-Dichlorobenzene	6.58	146	163592	41.80	ng	96
13) 1,4-Dichlorobenzene	6.66	146	162582	41.85	ng	99
14) 1,2-Dichlorobenzene	6.81	146	144103m	39.63	ng	
15) Benzyl Alcohol	6.79	79	120444	38.28	ng	91
16) 2,2'-oxybis(1-Chloropropan	6.94	45	169026	32.07	ng	88
17) 2-Methylphenol	6.91	107	106483	36.70	ng	93
18) Hexachloroethane	7.15	117	62753	41.76	ng	88
19) n-Nitroso-di-n-propylamine	7.07	70	112917	39.32	ng	88
20) 3+4-Methylphenols	7.07	107	146008	41.93	ng	# 80
22) Acetophenone	7.06	105	213934	41.90	ng	# 93
24) Nitrobenzene	7.23	77	175364	43.33	ng	89
25) Isophorone	7.47	82	262803	35.34	ng	96
26) 2-Nitrophenol	7.55	139	72143	43.47	ng	# 75
27) 2,4-Dimethylphenol	7.60	122	124916	36.13	ng	87
28) bis(2-Chloroethoxy)methane	7.69	93	174321	36.02	ng	# 96
29) 2,4-Dichlorophenol	7.79	162	108752	38.93	ng	97
30) 1,2,4-Trichlorobenzene	7.87	180	128314	41.85	ng	99
31) Naphthalene	7.95	128	462031	44.55	ng	98
32) Benzoic acid	7.75	122	100408	40.00	ng	94
33) 4-Chloroaniline	8.01	127	180067	39.02	ng	# 92
34) Hexachlorobutadiene	8.07	225	65391	39.83	ng	99
35) Caprolactam	8.38	113	32049	33.78	ng	97
36) 4-Chloro-3-methylphenol	8.50	107	146842	44.45	ng	99
37) 2-Methylnaphthalene	8.64	142	266798	39.95	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	154496	47.08	ng	# 1
40) Hexachlorocyclopentadiene	8.80	237	67358	41.82	ng	98

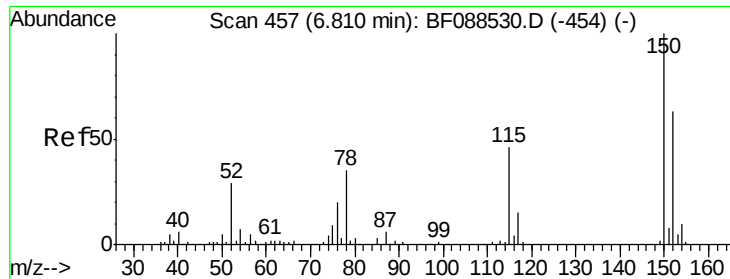
Data Path : Z:\HPCHEM1\BNA F\DATA\BF071816\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	86959	40.19	nq	96
43) 2,4,5-Trichlorophenol	8.97	196	77211	41.48	nq	97
45) 1,1'-Biphenyl	9.11	154	373648	45.73	nq	97
46) 2-Chloronaphthalene	9.13	162	274921	42.86	nq	96
47) 2-Nitroaniline	9.22	65	76632	33.67	nq	95
48) Acenaphthylene	9.54	152	440618	43.18	nq	99
49) Dimethylphthalate	9.42	163	307254	43.71	nq	99
50) 2,6-Dinitrotoluene	9.47	165	68848	44.19	nq	# 69
51) Acenaphthene	9.71	154	259224	41.44	nq	98
52) 3-Nitroaniline	9.63	138	68787	34.73	nq	86
53) 2,4-Dinitrophenol	9.75	184	41502	60.33	nq	89
54) Dibenzofuran	9.88	168	352106	43.00	nq	94
55) 4-Nitrophenol	9.82	139	64275	42.71	nq	91
56) 2,4-Dinitrotoluene	9.87	165	80378	39.46	nq	# 43
57) Fluorene	10.22	166	265134	42.02	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.00	232	52428	36.40	nq	# 47
59) Diethylphthalate	10.11	149	290362	41.16	nq	98
60) 4-Chlorophenyl-phenylether	10.22	204	120915	41.24	nq	90
61) 4-Nitroaniline	10.25	138	80746	42.37	nq	84
62) Azobenzene	10.38	77	318387	39.57	nq	95
64) 4,6-Dinitro-2-methylphenol	10.28	198	49373	49.63	nq	# 69
65) n-Nitrosodiphenylamine	10.34	169	263085	41.79	nq	98
66) 4-Bromophenyl-phenylether	10.71	248	77870	41.54	nq	97
67) Hexachlorobenzene	10.76	284	71264	34.34	nq	# 87
68) Atrazine	10.87	200	64793	33.03	nq	91
69) Pentachlorophenol	10.96	266	45524	37.07	nq	97
70) Phenanthrene	11.18	178	428043	42.10	nq	98
71) Anthracene	11.22	178	381467	37.73	nq	98
72) Carbazole	11.38	167	334931	35.20	nq	99
73) Di-n-butylphthalate	11.72	149	445349	40.23	nq	99
74) Fluoranthene	12.35	202	407190	39.50	nq	100
76) Benzidine	12.48	184	199582	30.42	nq	99
77) Pyrene	12.58	202	453772	41.23	nq	99
79) Butylbenzylphthalate	13.21	149	194685	39.66	nq	# 85
80) Benzo(a)anthracene	13.76	228	324241	38.80	nq	99
81) 3,3'-Dichlorobenzidine	13.74	252	121658	38.72	nq	99
82) Chrysene	13.81	228	317868	38.44	nq	98
83) Bis(2-ethylhexyl)phthalate	13.77	149	237465	42.37	nq	# 97
84) Di-n-octyl phthalate	14.39	149	374871	39.37	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.38	276	211798	33.29	nq	# 100
87) Benzo(b)fluoranthene	14.77	252	312598m	48.14	nq	
88) Benzo(k)fluoranthene	14.79	252	221916m	39.26	nq	
89) Benzo(a)pyrene	15.07	252	231429	42.10	nq	98
90) Dibenzo(a,h)anthracene	16.39	278	183893	40.06	nq	98
91) Benzo(g,h,i)perylene	16.75	276	183265	38.58	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 442

Delta R.T. -0.00 min

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PB92185BS

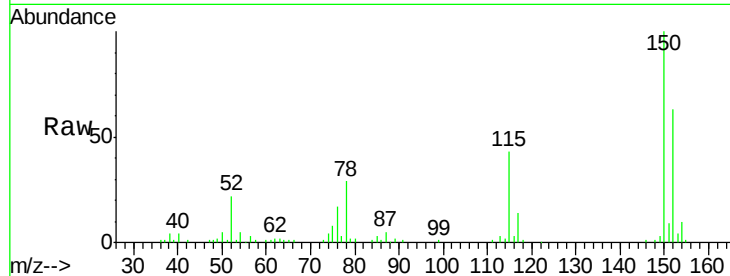
Tot Ion:152 Resp: 49592

Ion Ratio Lower Upper

152 100

150 158.5 123.8 185.6

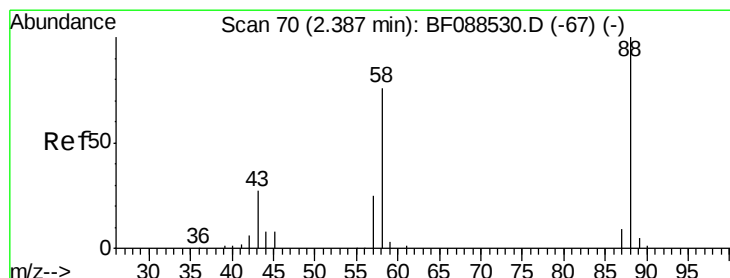
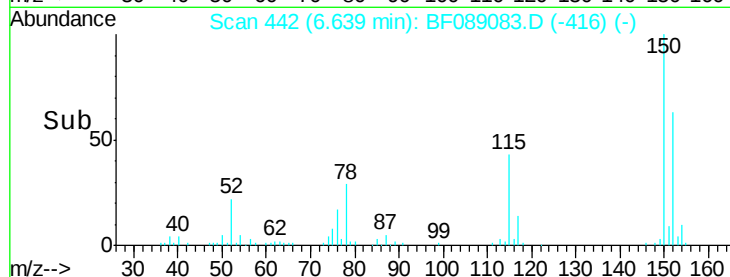
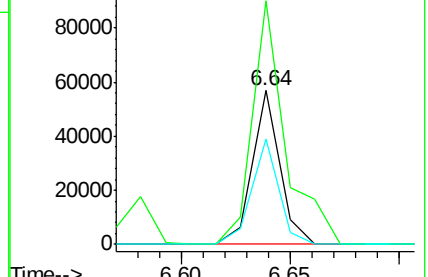
115 68.3 39.6 59.4#



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: 33.00 ng

RT: 2.10 min Scan# 45

Delta R.T. -0.00 min

Lab File: BF089083.D

Acq: 18 Jul 2016 14:38

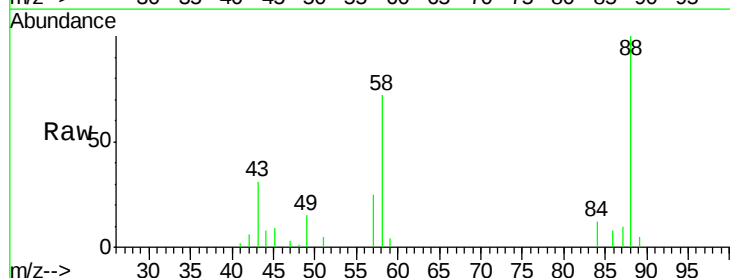
Tgt Ion: 88 Resp: 54143

Ion Ratio Lower Upper

88 100

58 68.1 0.0 0.0#

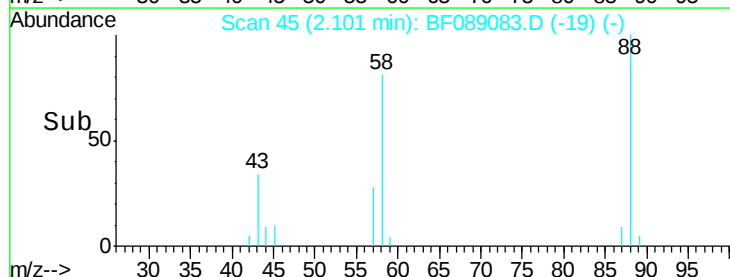
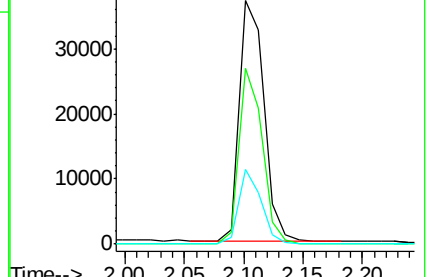
43 28.1 3.4 5.2#

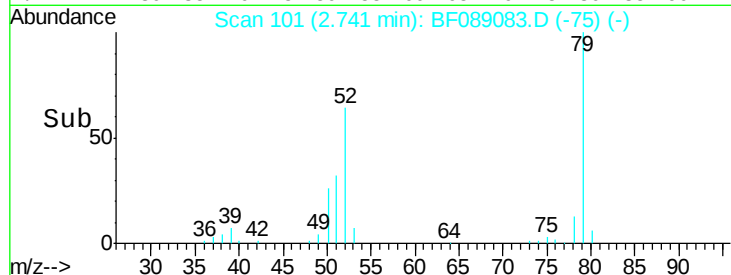
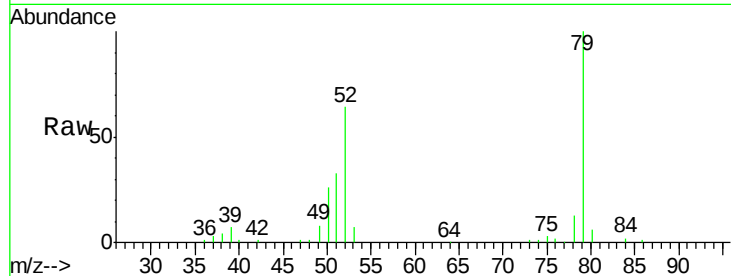
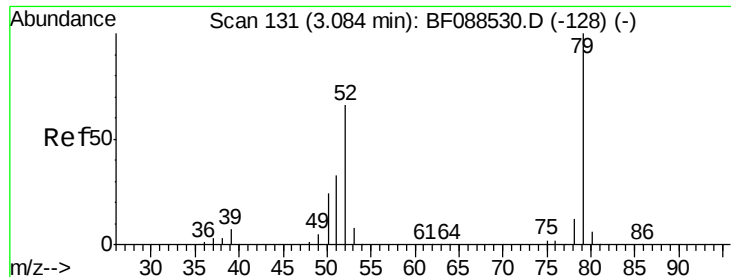


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

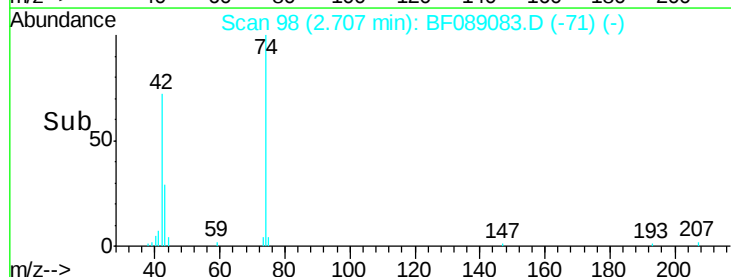
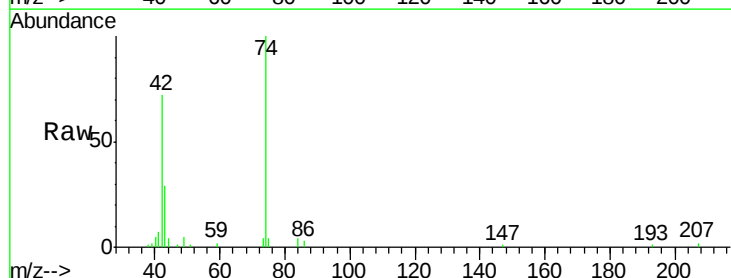
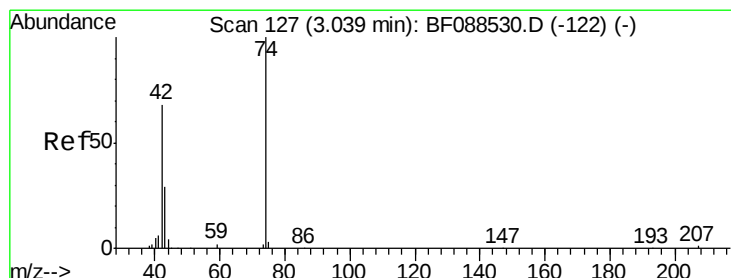
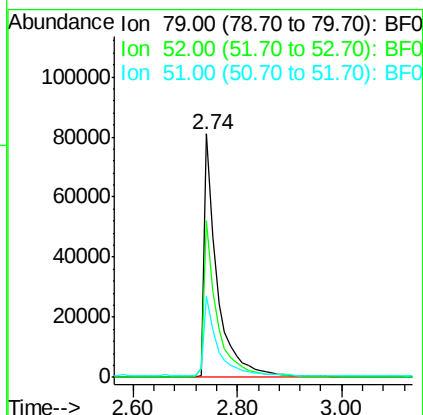




#3
 Pvridine
 Concen: 30.05 ng
 RT: 2.74 min Scan# 101
 Delta R.T. -0.00 min
 Lab File: BF089083.D
 Acq: 18 Jul 2016 14:38

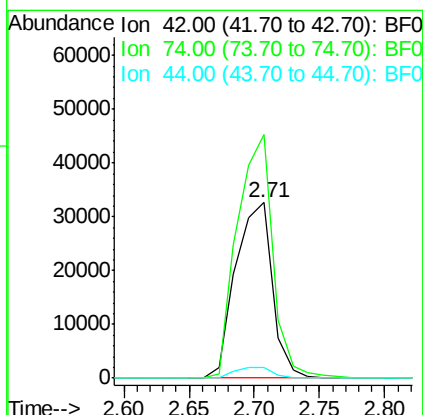
Instrument :
 BNA_F
 ClientSampleId :
 PB92185BS

Tot Ion: 79 Resp: 143041
 Ion Ratio Lower Upper
 79 100
 52 64.2 56.3 84.5
 51 33.4 27.4 41.2



#4
 n-Nitrosodimethylamine
 Concen: 35.03 ng
 RT: 2.71 min Scan# 98
 Delta R.T. 0.01 min
 Lab File: BF089083.D
 Acq: 18 Jul 2016 14:38

Tgt Ion: 42 Resp: 63714
 Ion Ratio Lower Upper
 42 100
 74 139.0 108.6 163.0
 44 6.2 5.5 8.3





#5

2-Fluorophenol

Concen: 74.89 ng

RT: 5.22 min Scan# 318

Delta R.T. -0.00 min

Lab File: BF089083.D

Acq: 18 Jul 2016 14:38

Instrument :

BNA_F

ClientSampleId :

PB92185BS

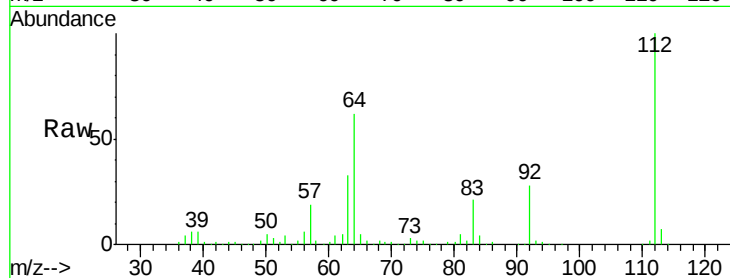
Tot Ion: 112 Resp: 247821

Ion Ratio Lower Upper

112 100

64 61.5 42.2 63.2

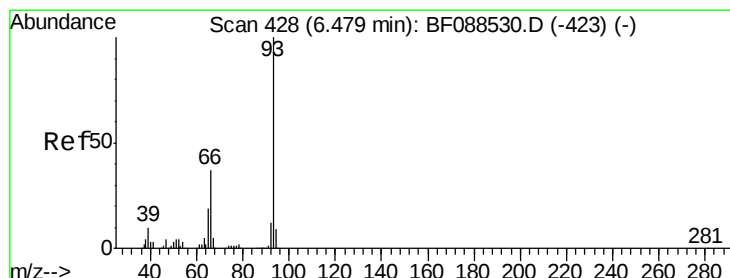
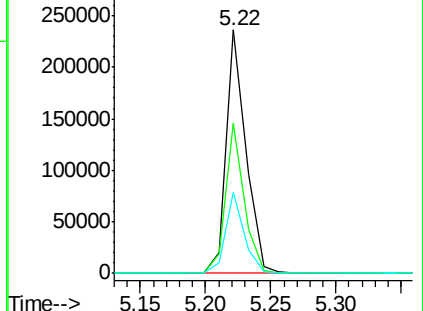
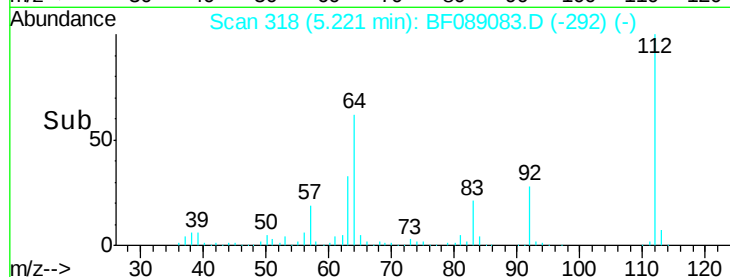
63 33.2 21.8 32.8#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 35.30 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.00 min

Lab File: BF089083.D

Acq: 18 Jul 2016 14:38

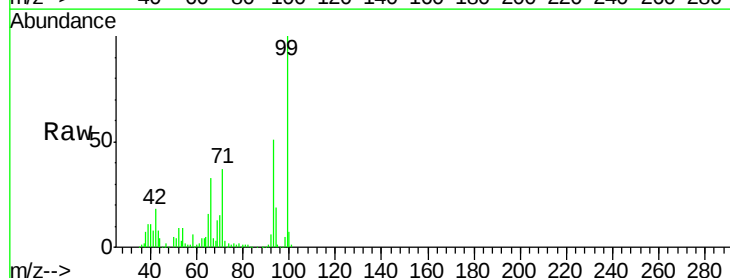
Tgt Ion: 93 Resp: 219987

Ion Ratio Lower Upper

93 100

66 63.7 29.8 44.8#

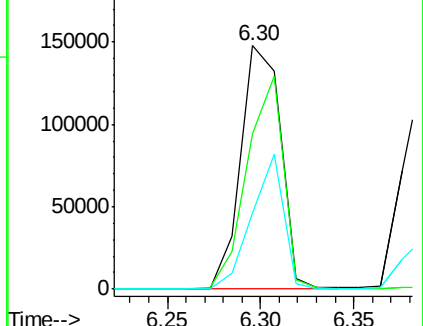
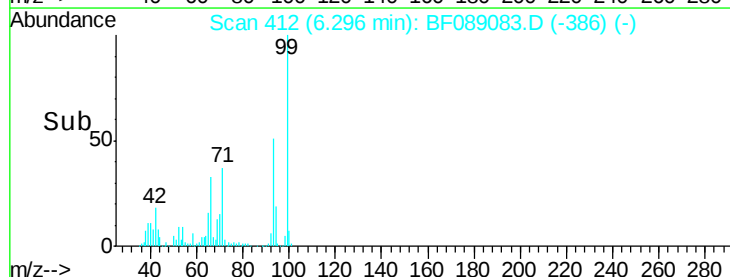
65 31.4 14.9 22.3#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 76.33 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.00 min

Lab File: BF089083.D

Acq: 18 Jul 2016 14:38

Instrument :

BNA_F

ClientSampleId :

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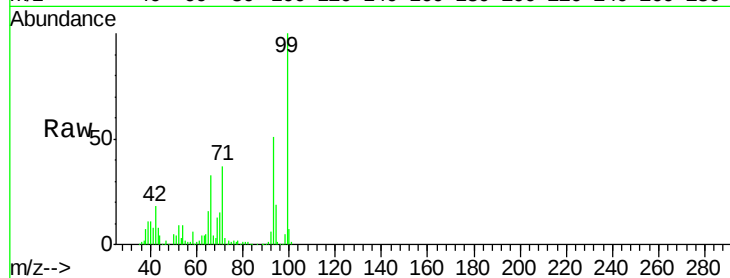
Tot Ion: 99 Resp: 326356

Ion Ratio Lower Upper

99 100

42 17.7 12.2 18.2

71 36.7 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

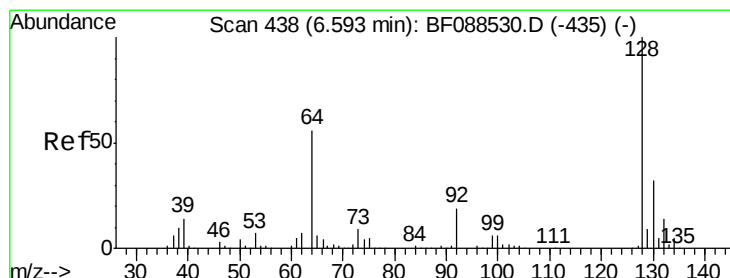
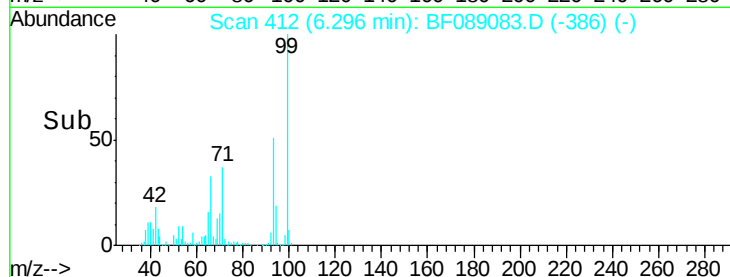
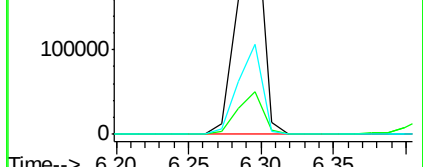
6.30

300000

200000

100000

0



#8

2-Chlorophenol

Concen: 38.26 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.00 min

Lab File: BF089083.D

Acq: 18 Jul 2016 14:38

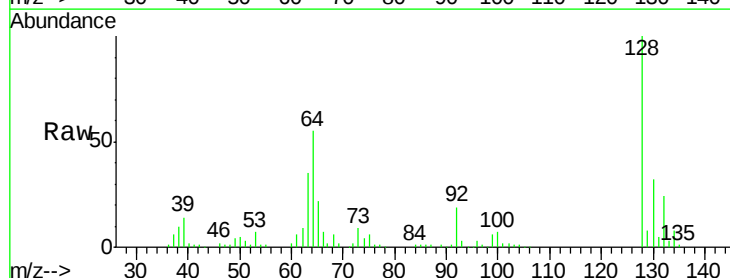
Tgt Ion: 128 Resp: 136085

Ion Ratio Lower Upper

128 100

130 31.6 12.0 52.0

64 54.8 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

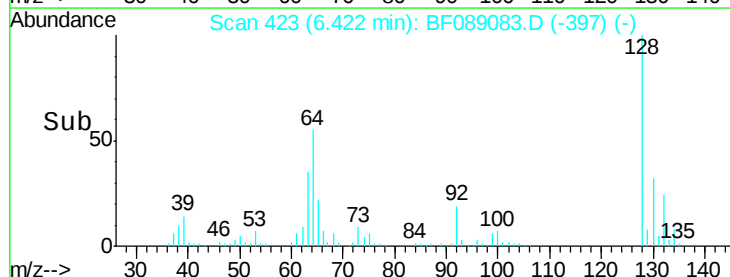
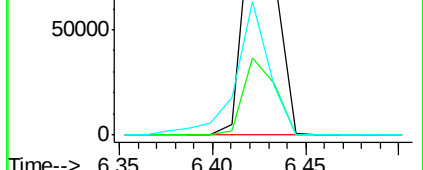
6.42

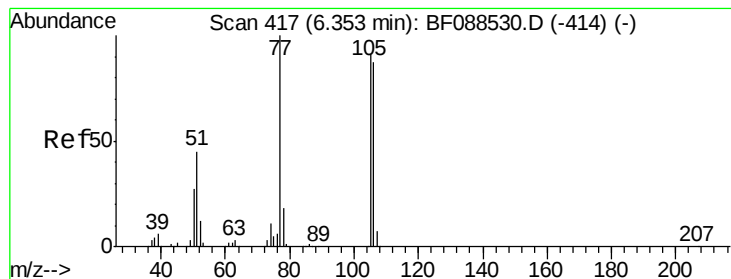
150000

100000

50000

0





#9

Benzaldehyde

Concen: 32.18 ng

RT: 6.18 min Scan# 402

Delta R.T. -0.00 min

Lab File: BF089083.D

Acq: 18 Jul 2016 14:38

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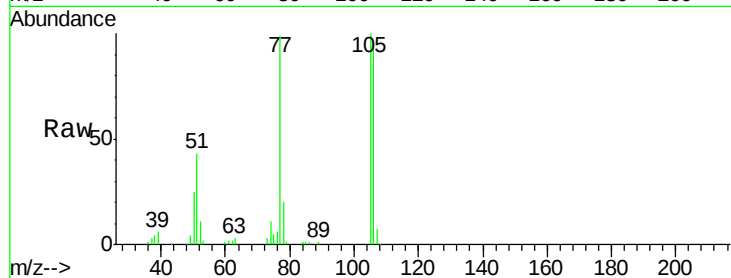
Tot Ion: 77 Resp: 93198

Ion Ratio Lower Upper

77 100

105 101.2 90.6 130.6

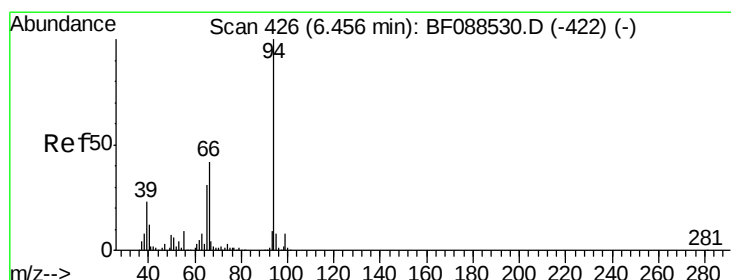
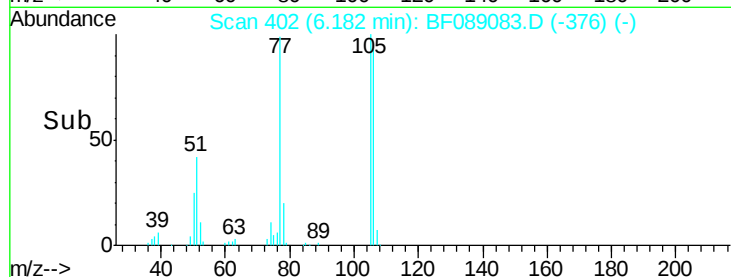
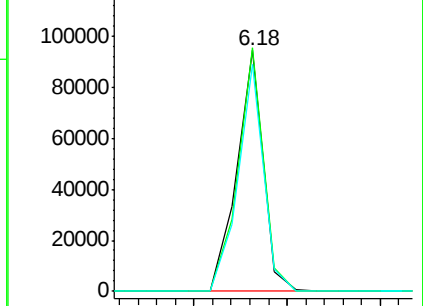
106 94.1 85.3 125.3



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: 38.95 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.00 min

Lab File: BF089083.D

Acq: 18 Jul 2016 14:38

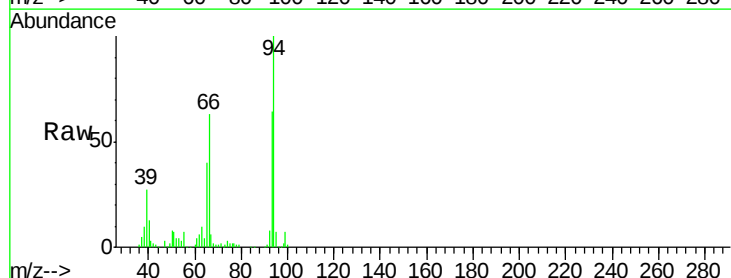
Tgt Ion: 94 Resp: 190060

Ion Ratio Lower Upper

94 100

65 40.0 5.9 45.9

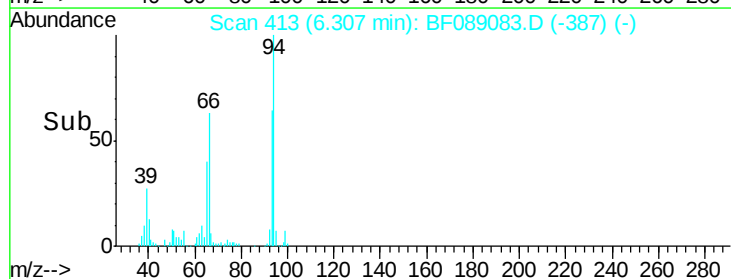
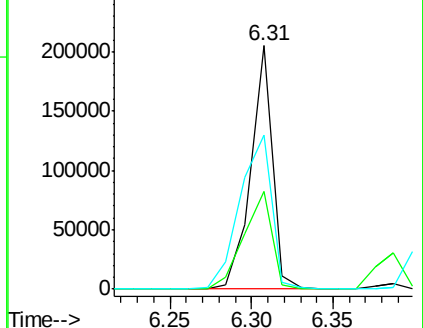
66 63.1 14.0 54.0#

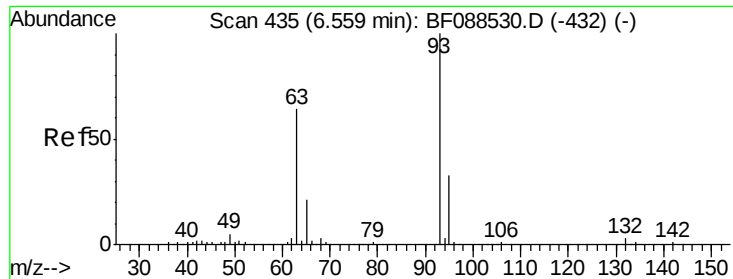


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

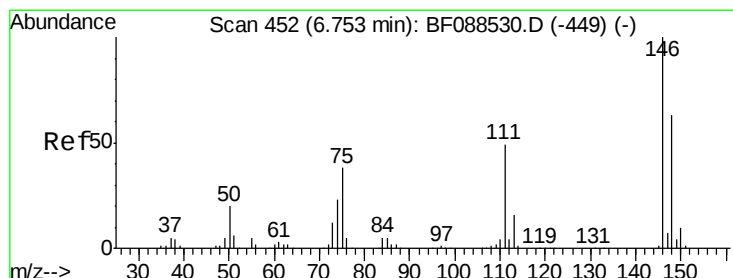
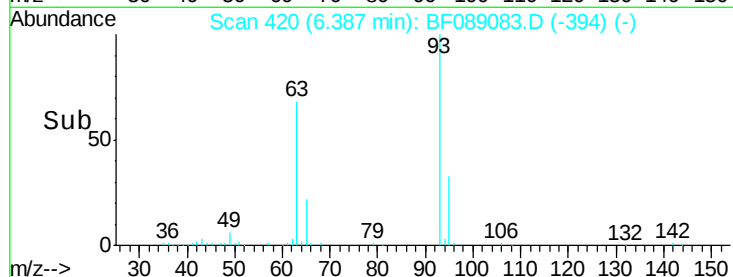
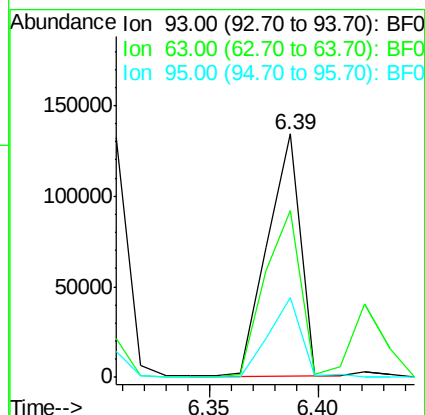
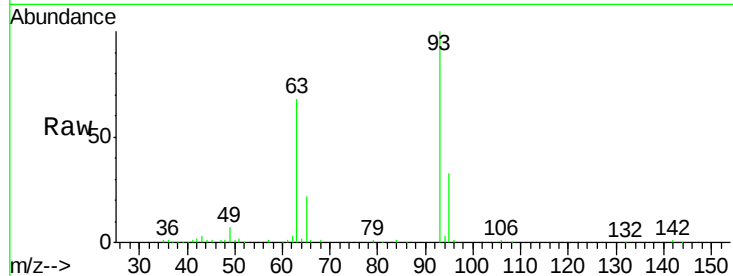




#11
bis(2-Chloroethyl)ether
Concen: 39.00 ng
RT: 6.39 min Scan# 420
Delta R.T. -0.00 min
Lab File: BF089083.D
Acq: 18 Jul 2016 14:38

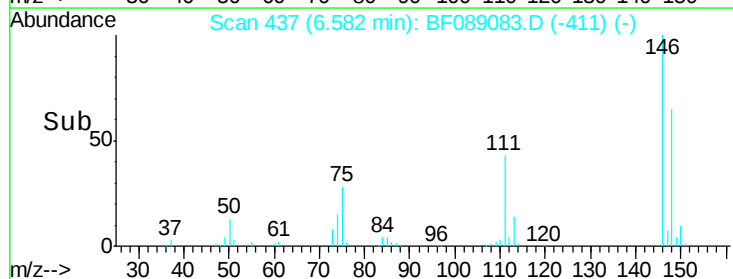
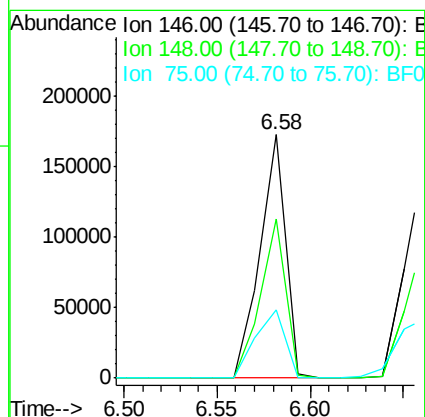
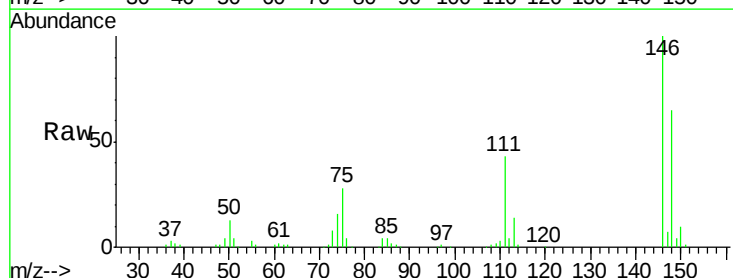
Instrument :
BNA_F
ClientSampleId :
PB92185BS

Tot Ion: 93 Resp: 141932
Ion Ratio Lower Upper
93 100
63 68.3 67.6 107.6
95 32.6 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 41.80 ng
RT: 6.58 min Scan# 437
Delta R.T. -0.00 min
Lab File: BF089083.D
Acq: 18 Jul 2016 14:38

Tgt Ion: 146 Resp: 163592
Ion Ratio Lower Upper
146 100
148 65.2 50.9 76.3
75 28.2 25.6 38.4

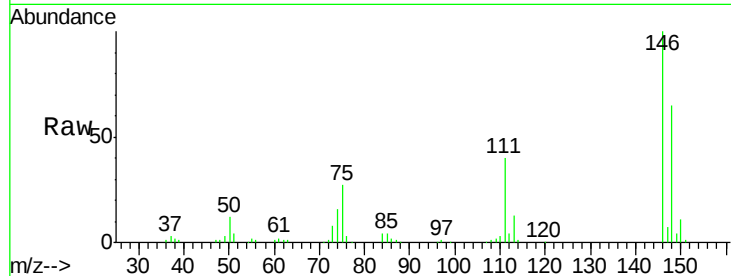




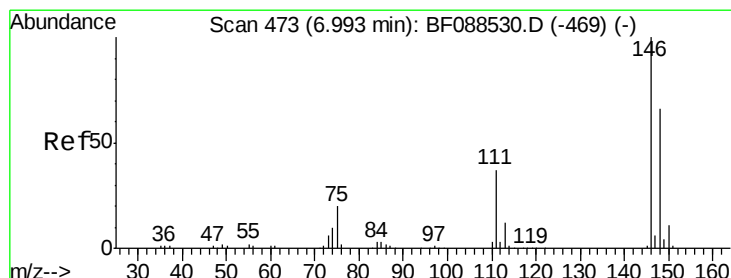
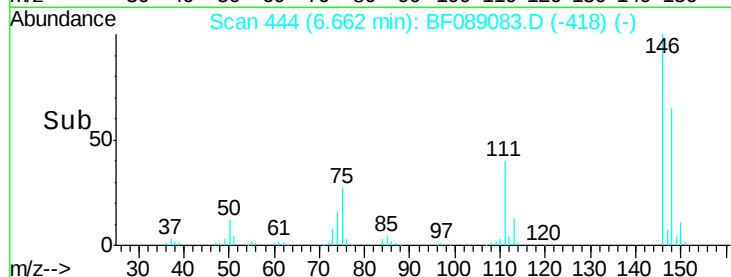
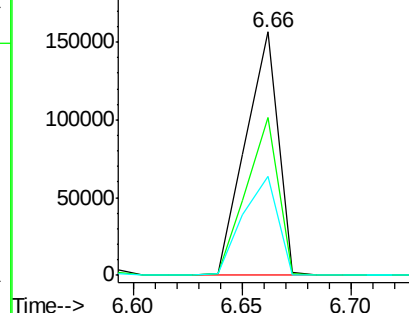
#13
 1,4-Dichlorobenzene
 Concen: 41.85 ng
 RT: 6.66 min Scan# 444
 Delta R.T. -0.00 min
 Lab File: BF089083.D
 Acq: 18 Jul 2016 14:38

Instrument :
 BNA_F
 ClientSampleId :
 PB92185BS

Tot Ion:146 Resp: 162582
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.0 78.0
 111 40.5 33.8 50.8

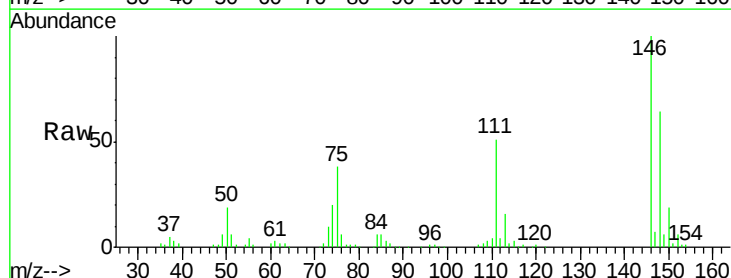


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

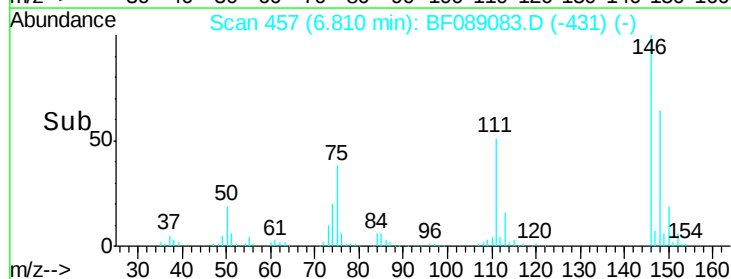
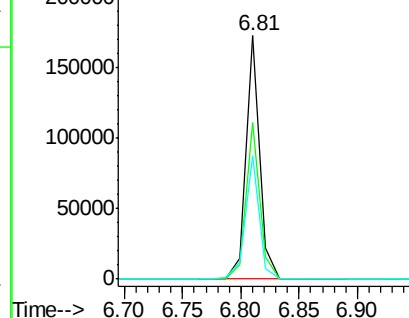


#14
 1,2-Dichlorobenzene
 Concen: 39.63 ng m
 RT: 6.81 min Scan# 457
 Delta R.T. -0.00 min
 Lab File: BF089083.D
 Acq: 18 Jul 2016 14:38

Tgt Ion:146 Resp: 144103
 Ion Ratio Lower Upper
 146 100
 148 64.3 52.3 78.5
 111 50.6 28.7 43.1#



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





#15

Benzyl Alcohol

Concen: 38.28 ng

RT: 6.79 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF089083.D

Acq: 18 Jul 2016 14:38

Instrument :

BNA_F

ClientSampleId :

PB92185BS

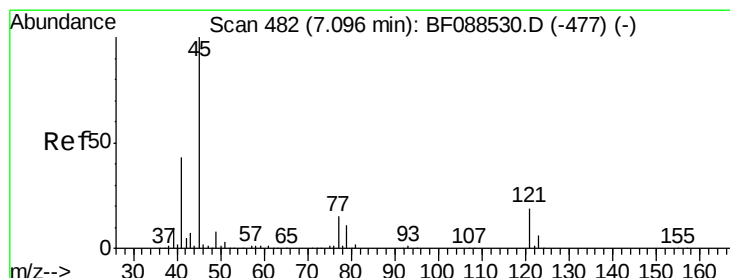
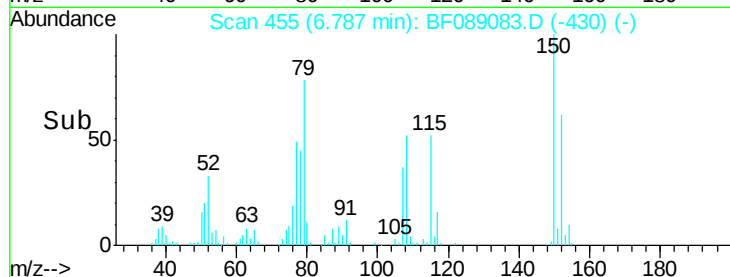
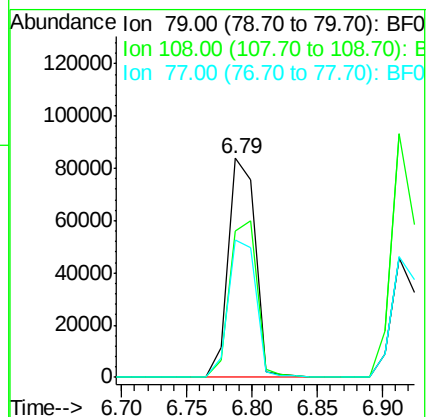
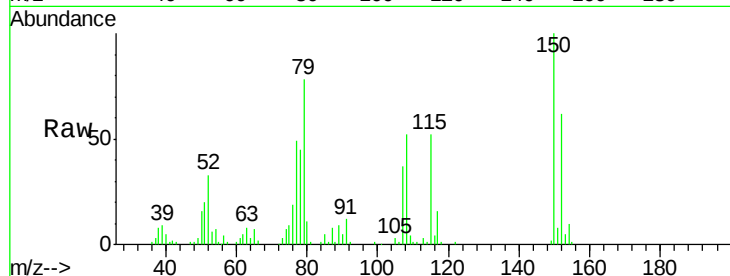
Tot Ion: 79 Resp: 120444

Ion Ratio Lower Upper

79 100

108 66.8 65.0 97.6

77 62.9 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.07 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.00 min

Lab File: BF089083.D

Acq: 18 Jul 2016 14:38

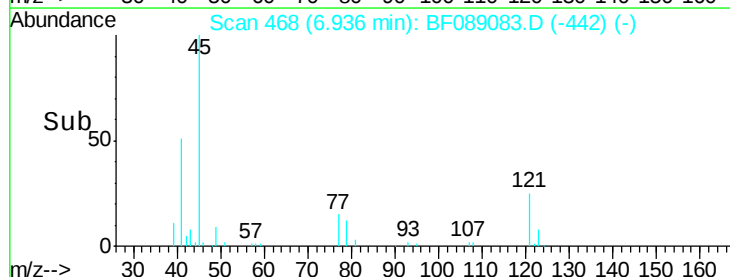
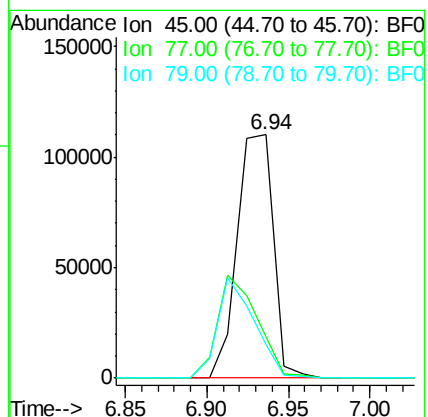
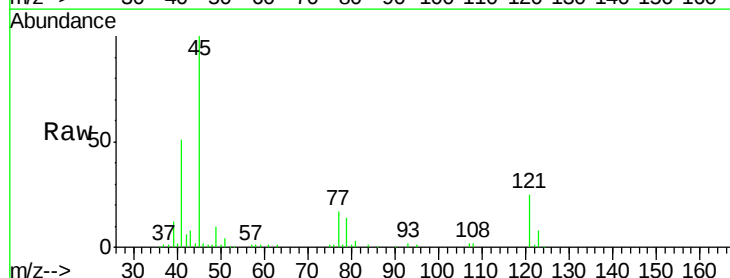
Tgt Ion: 45 Resp: 169026

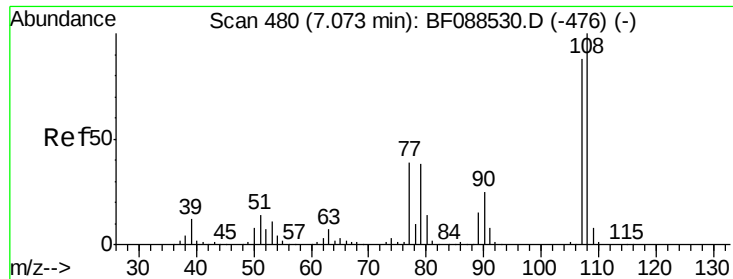
Ion Ratio Lower Upper

45 100

77 17.1 0.0 32.5

79 13.6 0.0 29.5

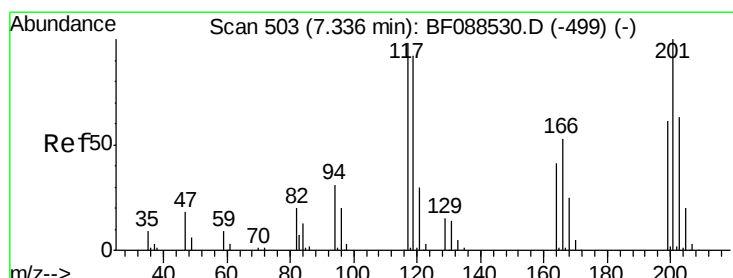
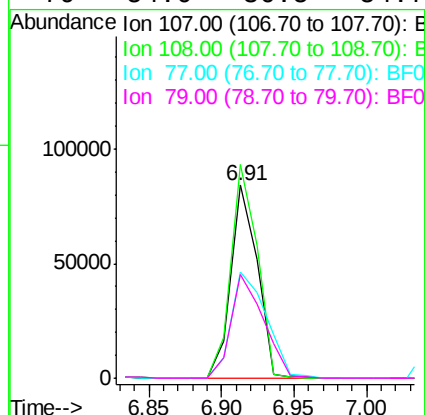
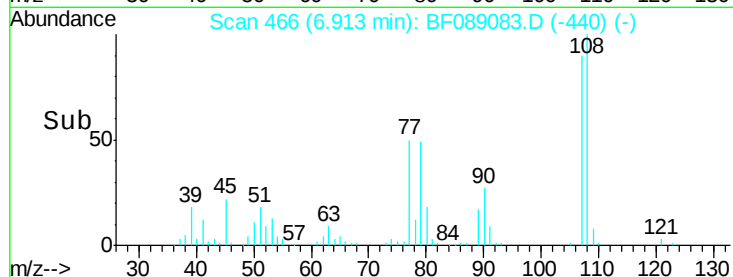
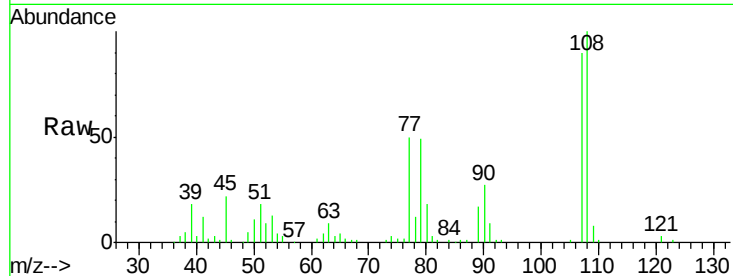




#17
2-Methylphenol
Concen: 36.70 ng
RT: 6.91 min Scan# 466
Delta R.T. -0.00 min
Lab File: BF089083.D
Acq: 18 Jul 2016 14:38

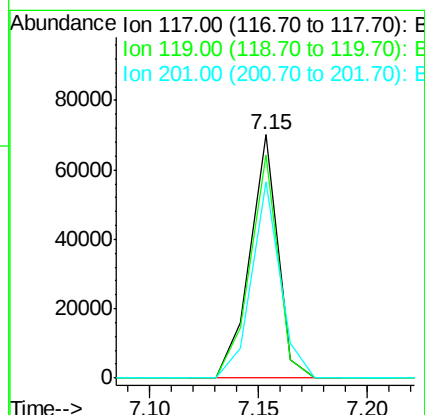
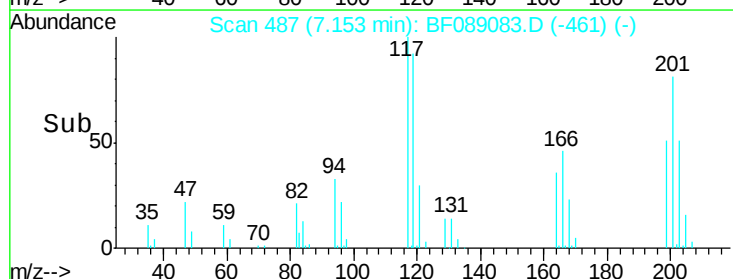
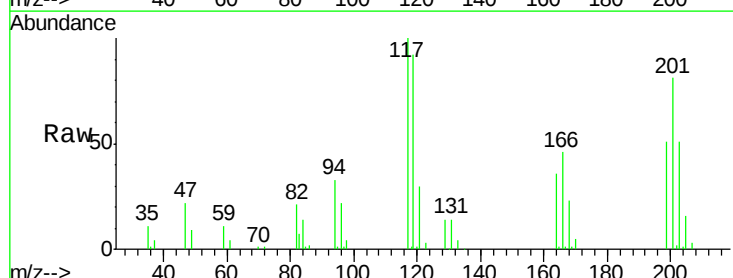
Instrument :
BNA_F
ClientSampleId :
PB92185BS

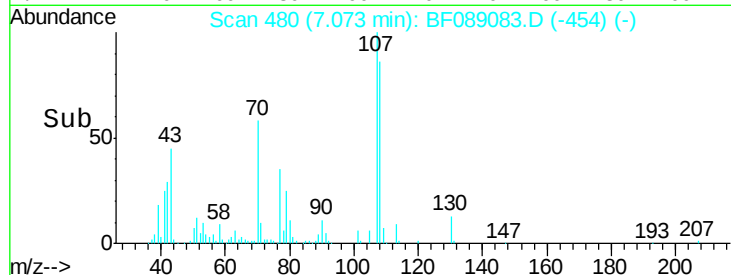
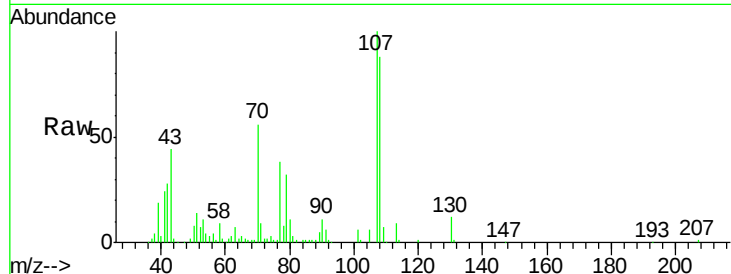
Tot Ion:	107	Resp:	106483
Ion	Ratio	Lower	Upper
107	100		
108	110.6	90.9	136.3
77	55.0	36.6	55.0
79	54.0	36.5	54.7



#18
Hexachloroethane
Concen: 41.76 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.00 min
Lab File: BF089083.D
Acq: 18 Jul 2016 14:38

Tgt Ion:	117	Resp:	62753
Ion	Ratio	Lower	Upper
117	100		
119	91.8	77.4	116.2
201	80.9	80.4	120.6

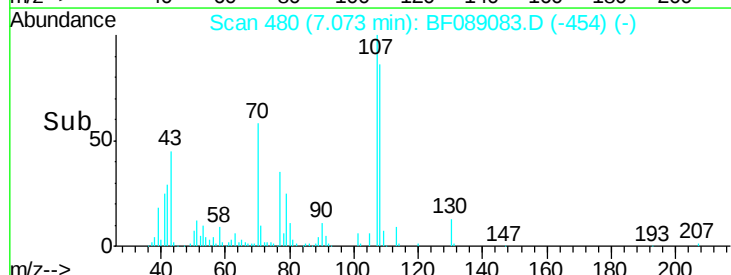
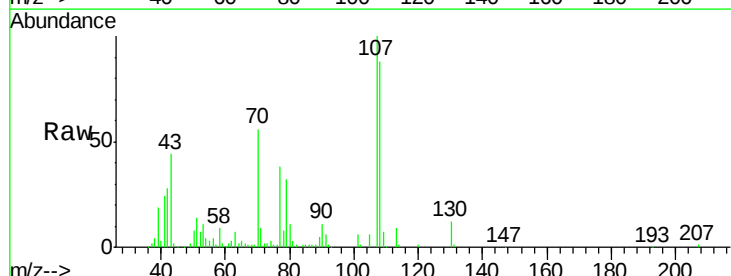
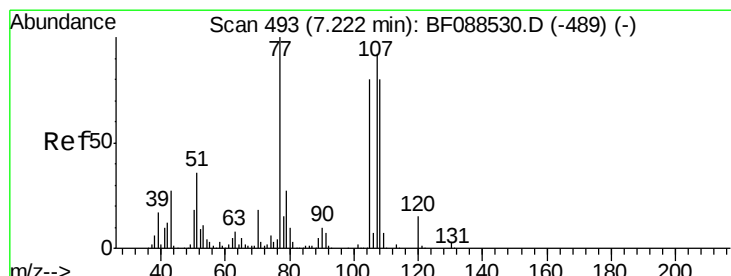
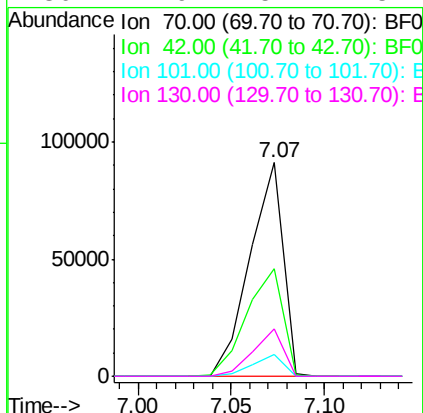




#19
n-Nitroso-di-n-propylamine
Concen: 39.32 ng
RT: 7.07 min Scan# 480
Delta R.T. -0.00 min
Lab File: BF089083.D
Acq: 18 Jul 2016 14:38

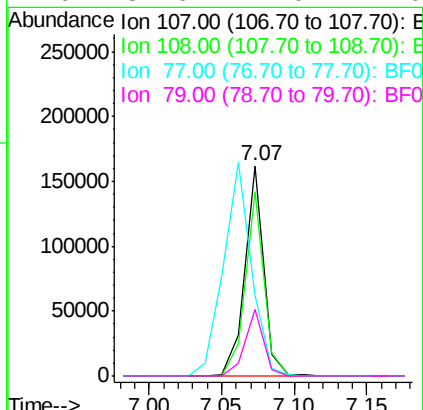
Instrument :
BNA_F
ClientSampleId :
PB92185BS

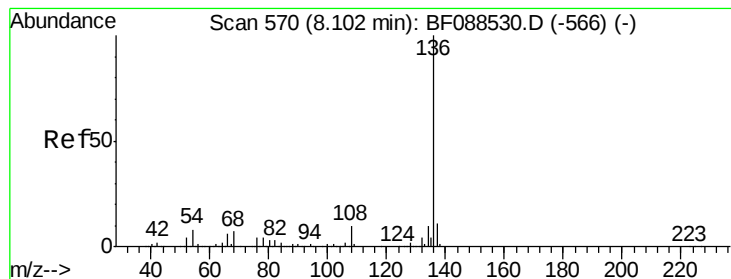
Tot Ion:	70	Resp:	112917
Ion	Ratio	Lower	Upper
70	100		
42	50.2	49.6	74.4
101	10.1	7.1	10.7
130	21.9	15.4	23.2



#20
3+4-Methylphenols
Concen: 41.93 ng
RT: 7.07 min Scan# 480
Delta R.T. -0.00 min
Lab File: BF089083.D
Acq: 18 Jul 2016 14:38

Tgt Ion:	107	Resp:	146008
Ion	Ratio	Lower	Upper
107	100		
108	87.8	67.8	107.8
77	38.3	59.3	99.3#
79	31.6	7.0	47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 555

Delta R.T. -0.00 min

Lab File: BF089083.D

Acq: 18 Jul 2016 14:38

Instrument :

BNA_F

ClientSampleId :

PB92185BS

Tot Ion:136 Resp: 210373

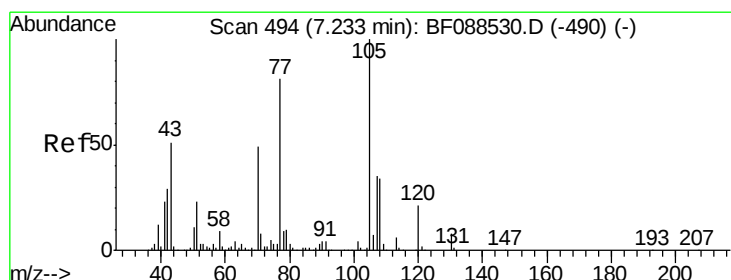
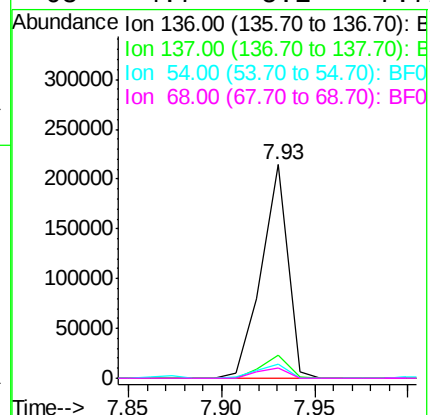
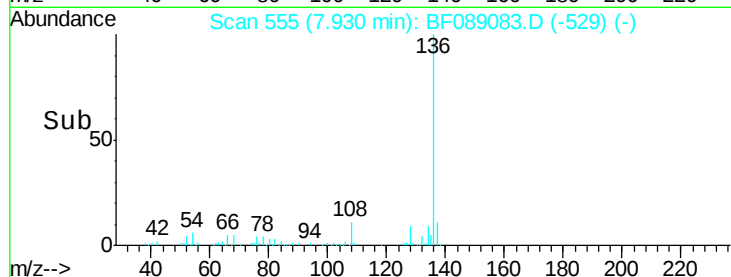
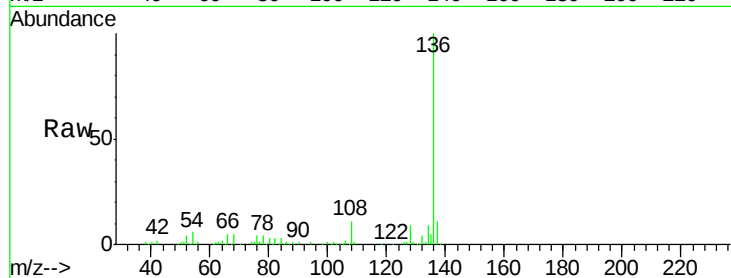
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 6.4 6.6 10.0#

68 4.7 5.1 7.7#



#22

Acetophenone

Concen: 41.90 ng

RT: 7.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BF089083.D

Acq: 18 Jul 2016 14:38

Tgt Ion:105 Resp: 213934

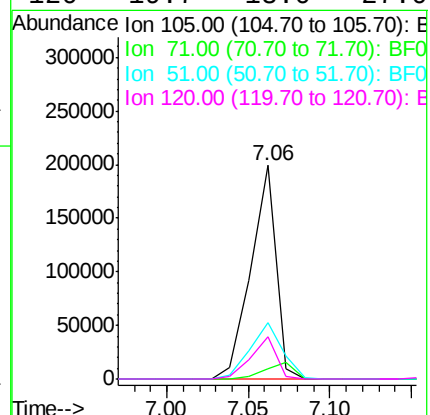
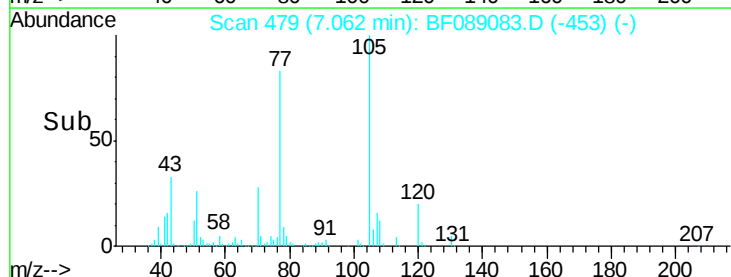
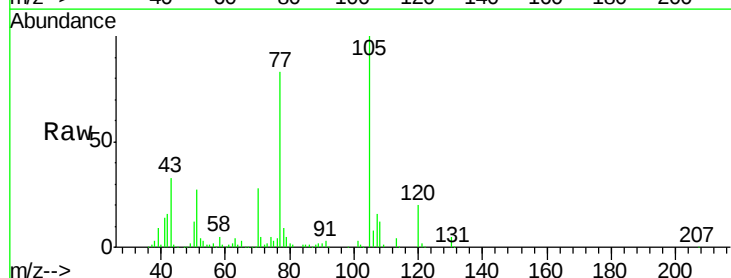
Ion Ratio Lower Upper

105 100

71 4.9 5.3 7.9#

51 26.7 18.2 27.4

120 19.7 18.0 27.0

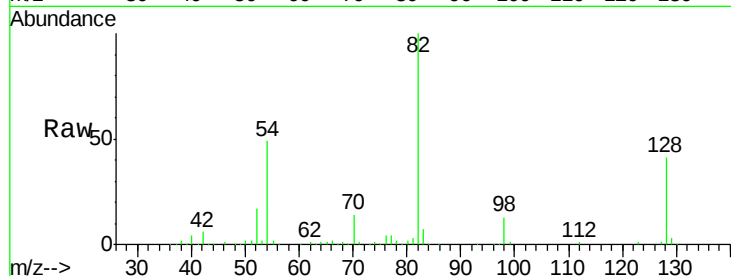




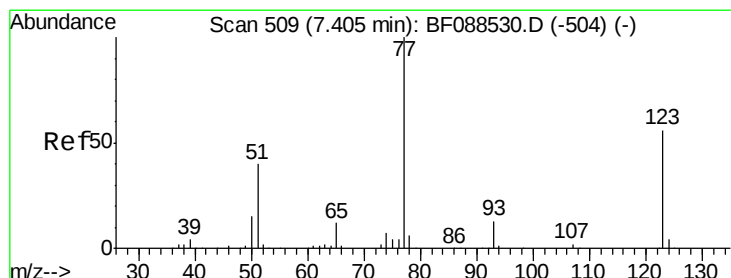
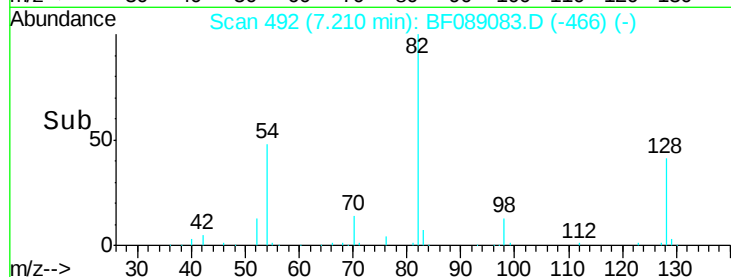
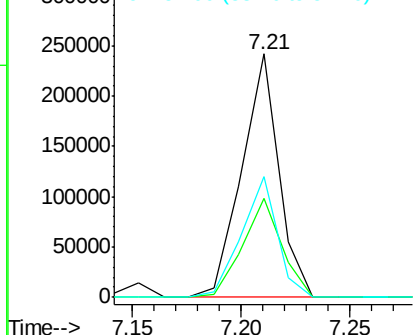
#23
 Nitrobenzene-d5
 Concen: 71.26 ng
 RT: 7.21 min Scan# 492
 Delta R.T. -0.00 min
 Lab File: BF089083.D
 Acq: 18 Jul 2016 14:38

Instrument :
 BNA_F
 ClientSampleID :
 PB92185BS

Tot Ion: 82 Resp: 286070
 Ion Ratio Lower Upper
 82 100
 128 40.5 35.9 53.9
 54 49.4 40.9 61.3

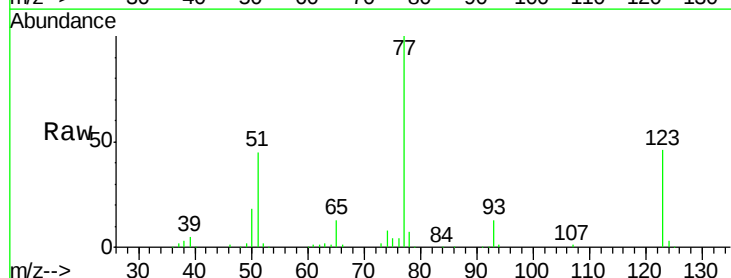


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

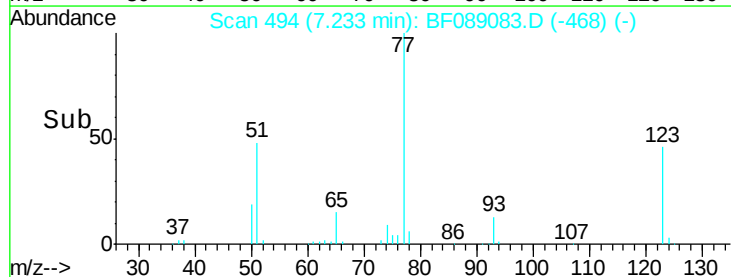
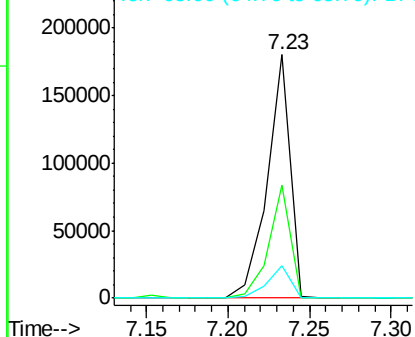


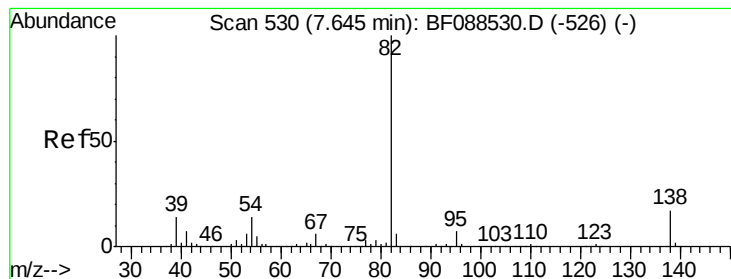
#24
 Nitrobenzene
 Concen: 43.33 ng
 RT: 7.23 min Scan# 494
 Delta R.T. -0.00 min
 Lab File: BF089083.D
 Acq: 18 Jul 2016 14:38

Tgt Ion: 77 Resp: 175364
 Ion Ratio Lower Upper
 77 100
 123 46.2 45.0 67.4
 65 13.1 10.2 15.2



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 35.34 ng

RT: 7.47 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF089083.D

Acq: 18 Jul 2016 14:38

Instrument :

BNA_F

ClientSampleId :

PB92185BS

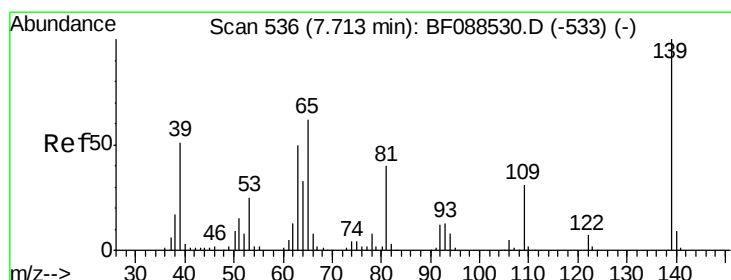
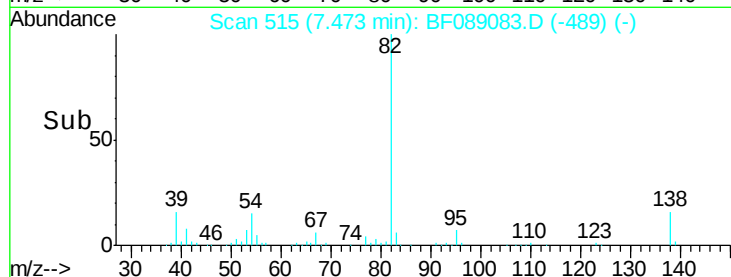
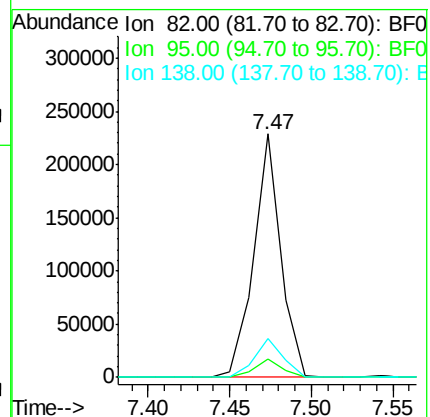
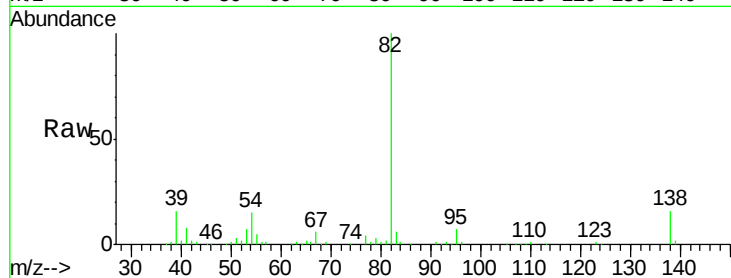
Tot Ion: 82 Resp: 262803

Ion Ratio Lower Upper

82 100

95 7.3 5.4 8.2

138 15.8 14.6 21.8



#26

2-Nitrophenol

Concen: 43.47 ng

RT: 7.55 min Scan# 522

Delta R.T. -0.00 min

Lab File: BF089083.D

Acq: 18 Jul 2016 14:38

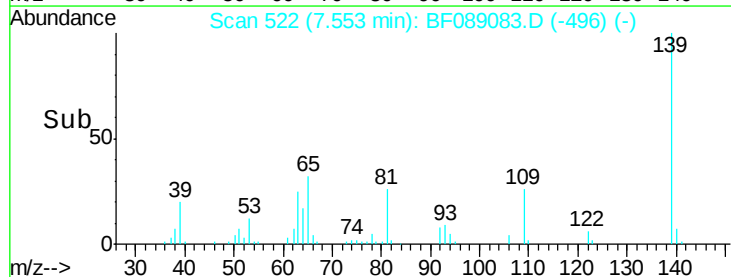
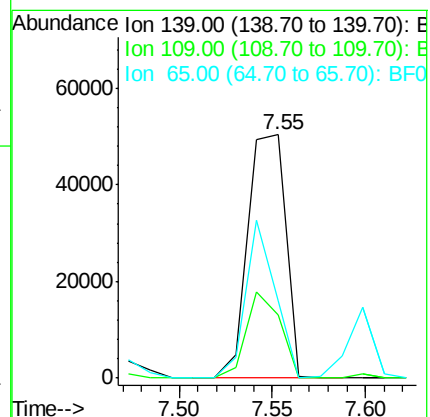
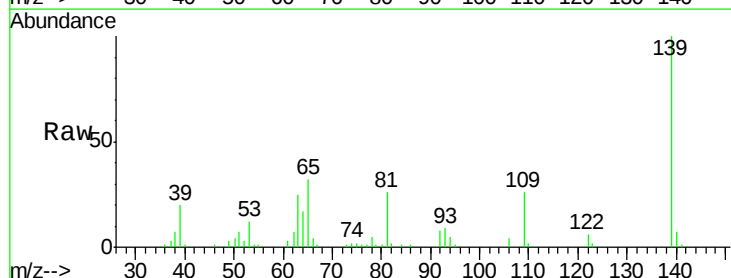
Tgt Ion: 139 Resp: 72143

Ion Ratio Lower Upper

139 100

109 26.1 23.0 34.4

65 31.9 45.8 68.8#

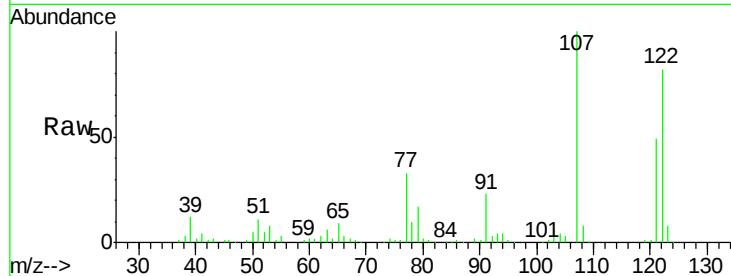




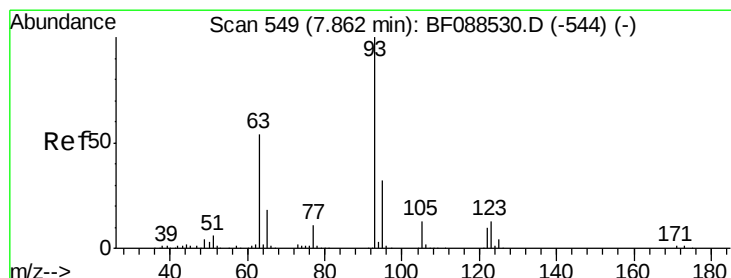
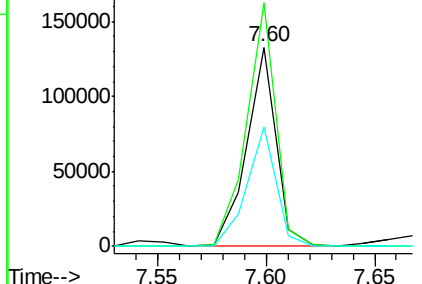
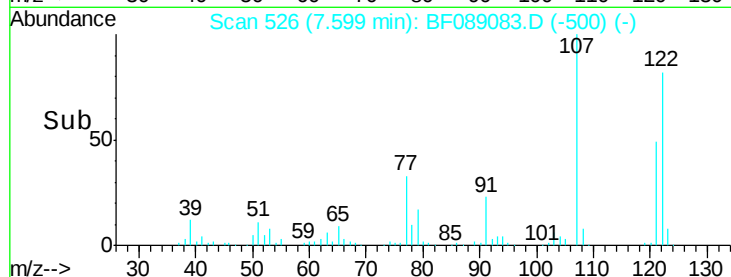
#27
2,4-Dimethylphenol
Concen: 36.13 ng
RT: 7.60 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF089083.D
Acq: 18 Jul 2016 14:38

Instrument :
BNA_F
ClientSampleId :
PB92185BS

Tot Ion:122 Resp: 124916
Ion Ratio Lower Upper
122 100
107 122.3 82.4 123.6
121 60.2 46.3 69.5

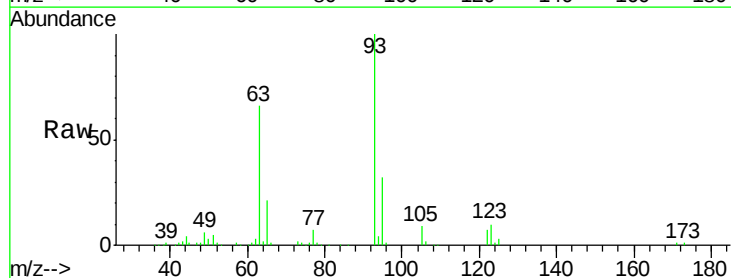


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

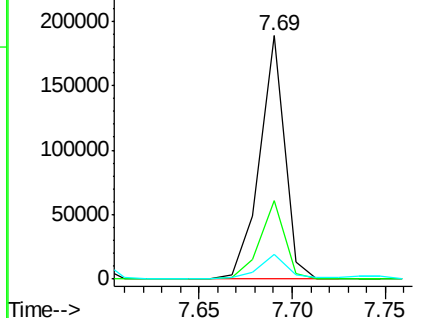
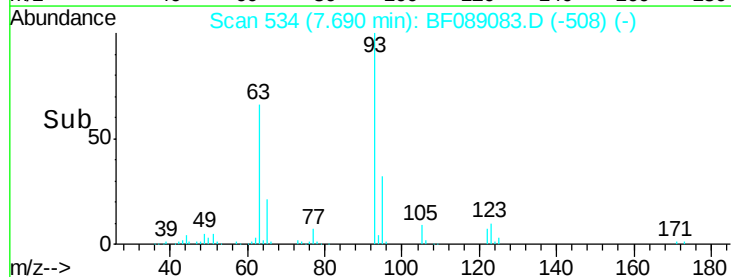


#28
bis(2-Chloroethoxy)methane
Concen: 36.02 ng
RT: 7.69 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF089083.D
Acq: 18 Jul 2016 14:38

Tgt Ion: 93 Resp: 174321
Ion Ratio Lower Upper
93 100
95 32.2 26.5 39.7
123 10.2 11.6 17.4#



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

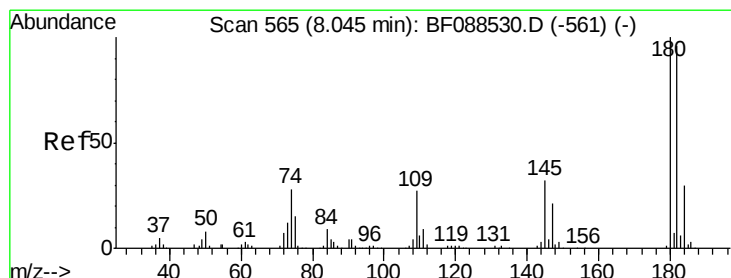
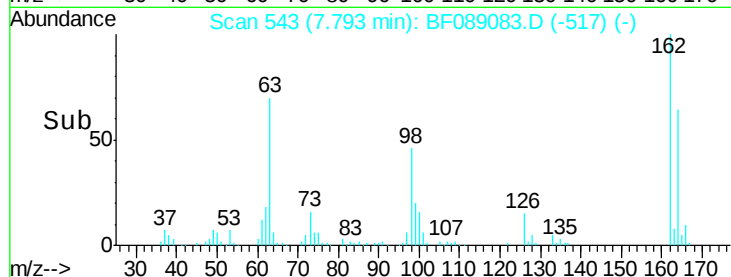
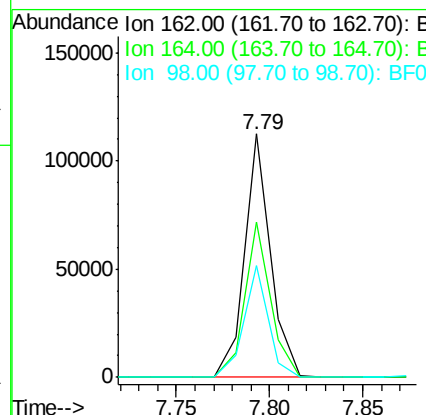
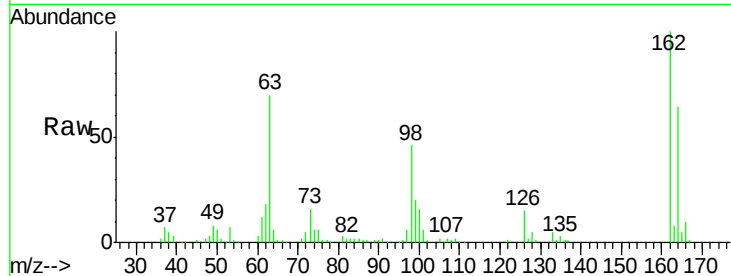




#29
 2,4-Dichlorophenol
 Concen: 38.93 ng
 RT: 7.79 min Scan# 543
 Delta R.T. -0.00 min
 Lab File: BF089083.D
 Acq: 18 Jul 2016 14:38

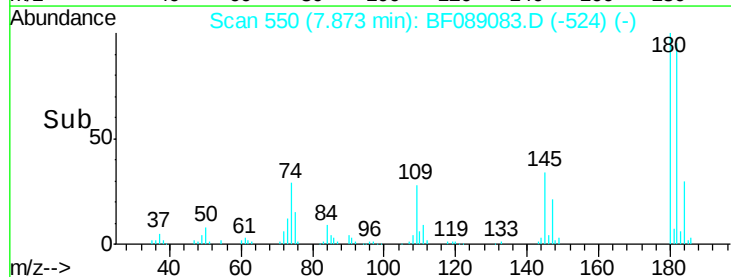
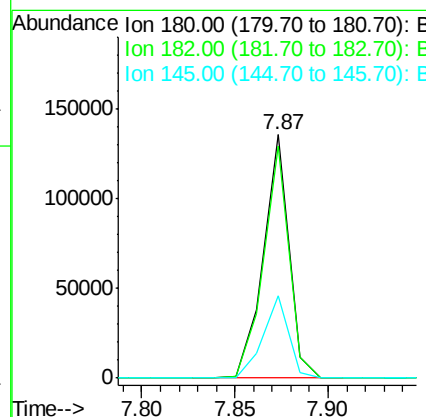
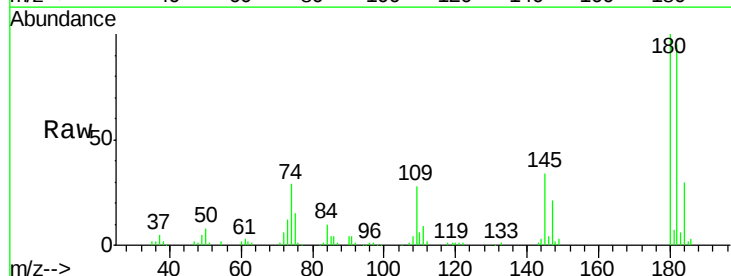
Instrument :
 BNA_F
 ClientSampleId :
 PB92185BS

Tot Ion:162	Resp:	108752
Ion Ratio	Lower	Upper
162	100	
164	63.5	43.8 83.8
98	45.9	21.3 61.3



#30
 1,2,4-Trichlorobenzene
 Concen: 41.85 ng
 RT: 7.87 min Scan# 550
 Delta R.T. -0.00 min
 Lab File: BF089083.D
 Acq: 18 Jul 2016 14:38

Tgt Ion:180	Resp:	128314
Ion Ratio	Lower	Upper
180	100	
182	95.4	76.0 114.0
145	34.0	26.5 39.7

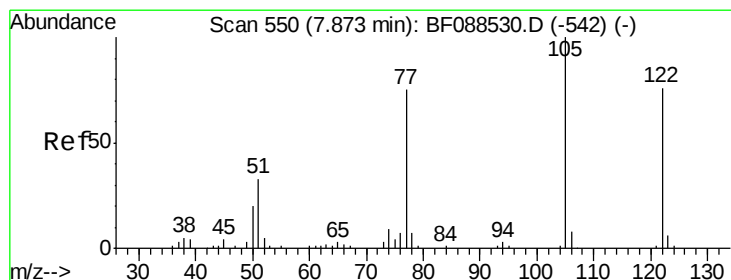
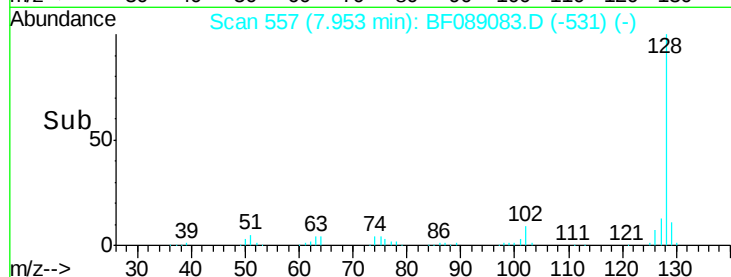
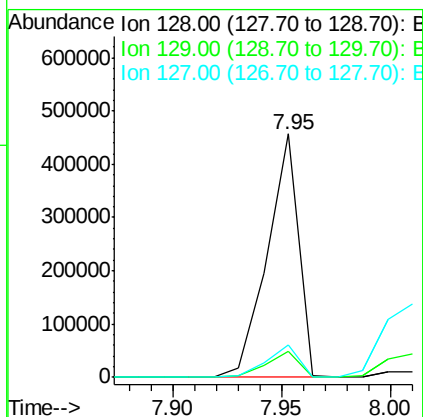
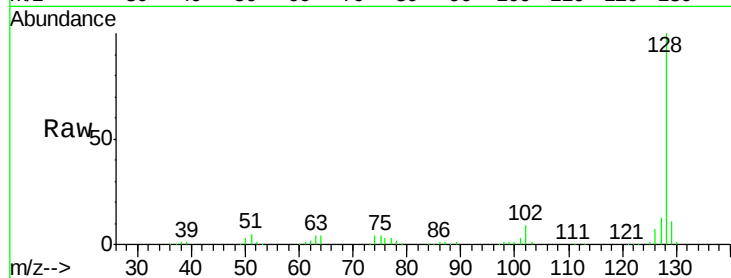




#31
Naphthalene
Concen: 44.55 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.00 min
Lab File: BF089083.D
Acq: 18 Jul 2016 14:38

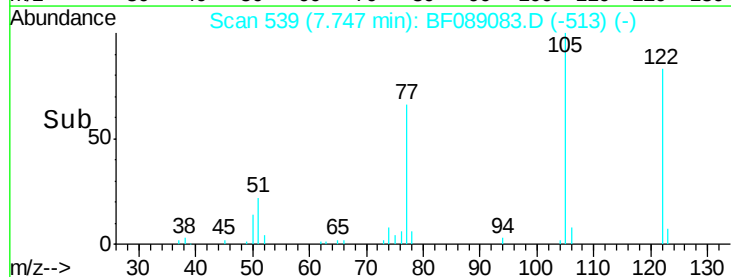
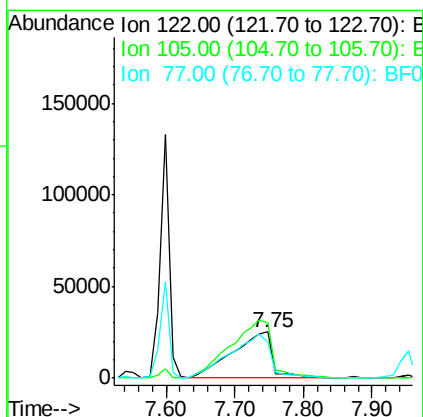
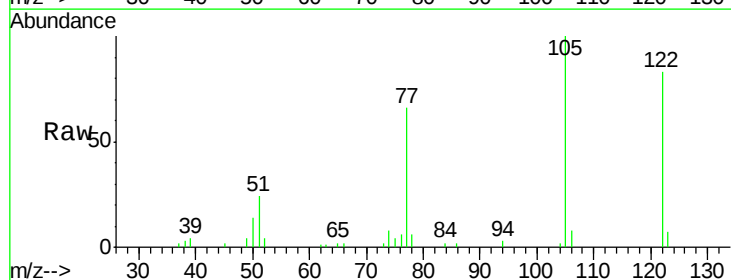
Instrument :
BNA_F
ClientSampleId :
PB92185BS

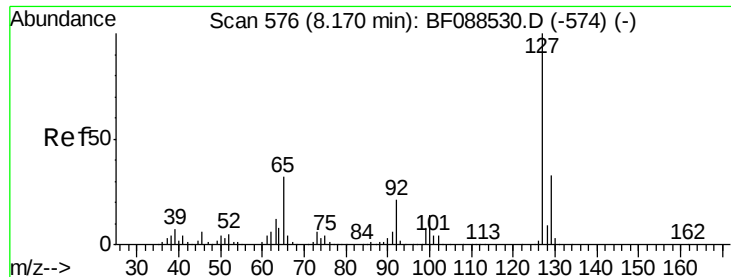
Tot Ion:128 Resp: 462031
Ion Ratio Lower Upper
128 100
129 10.8 9.4 14.2
127 13.2 10.9 16.3



#32
Benzoic acid
Concen: 40.00 ng
RT: 7.75 min Scan# 539
Delta R.T. -0.00 min
Lab File: BF089083.D
Acq: 18 Jul 2016 14:38

Tgt Ion:122 Resp: 100408
Ion Ratio Lower Upper
122 100
105 120.2 101.6 141.6
77 79.1 70.6 110.6

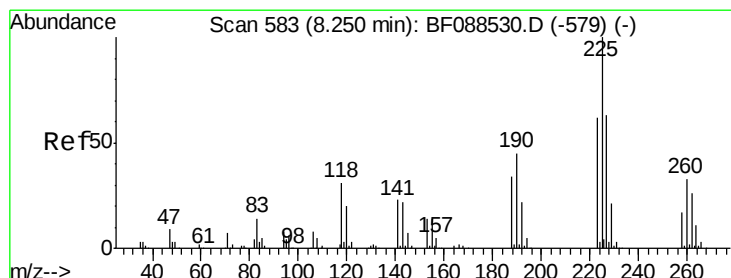
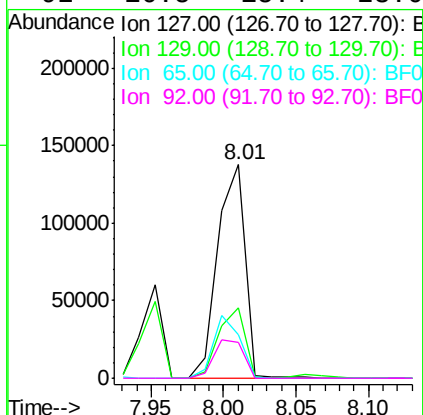
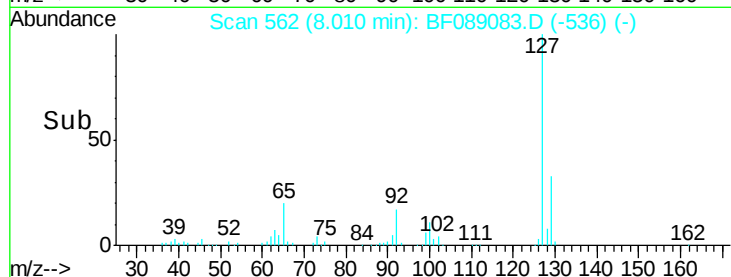
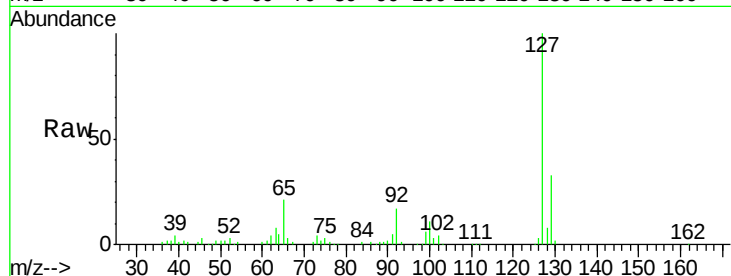




#33
4-Chloroaniline
Concen: 39.02 ng
RT: 8.01 min Scan# 562
Delta R.T. -0.00 min
Lab File: BF089083.D
Acq: 18 Jul 2016 14:38

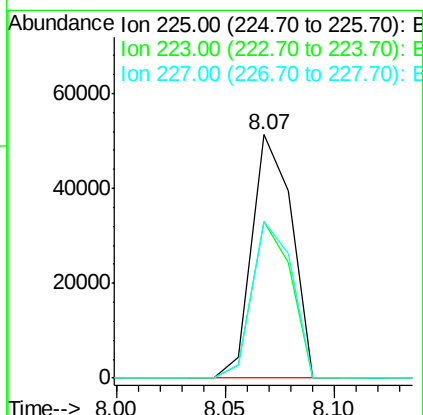
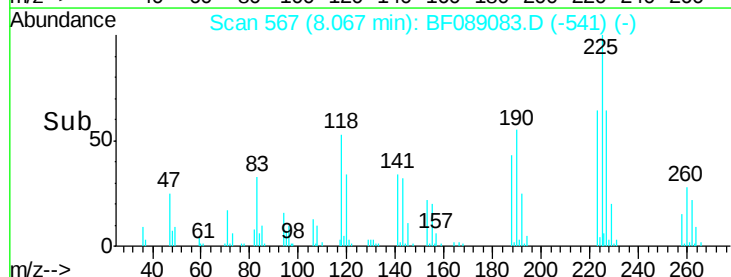
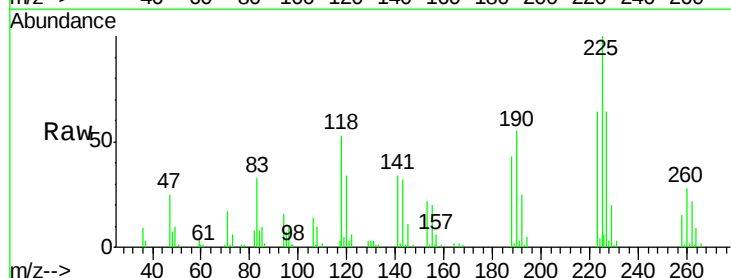
Instrument :
BNA_F
ClientSampleId :
PB92185BS

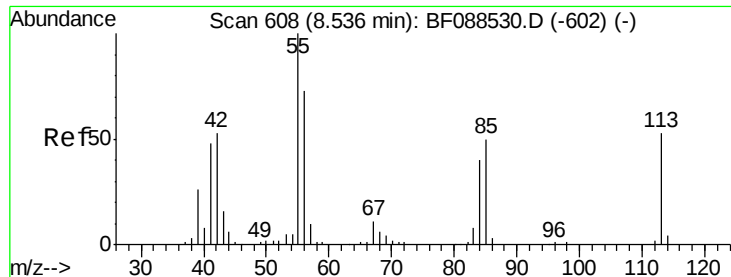
Tot Ion:	127	Resp:	180067
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.3	39.5
65	20.7	24.7	37.1#
92	16.5	15.4	23.0



#34
Hexachlorobutadiene
Concen: 39.83 ng
RT: 8.07 min Scan# 567
Delta R.T. -0.00 min
Lab File: BF089083.D
Acq: 18 Jul 2016 14:38

Tgt Ion:	225	Resp:	65391
Ion	Ratio	Lower	Upper
225	100		
223	64.2	50.9	76.3
227	64.1	51.9	77.9

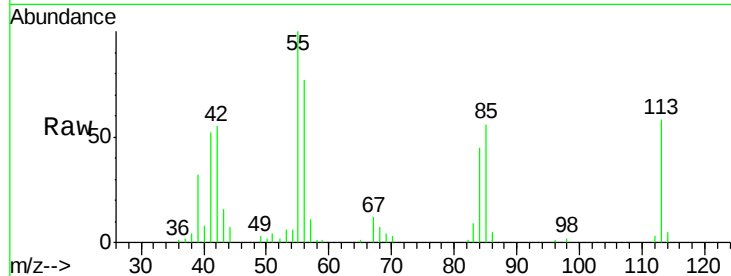




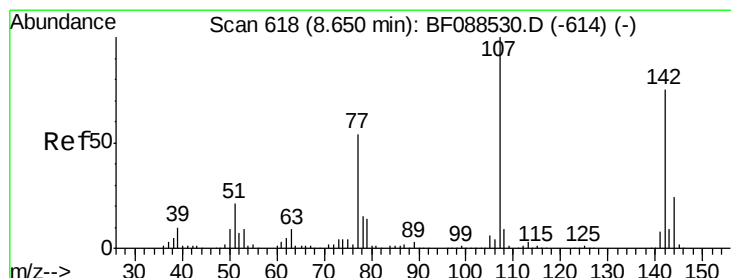
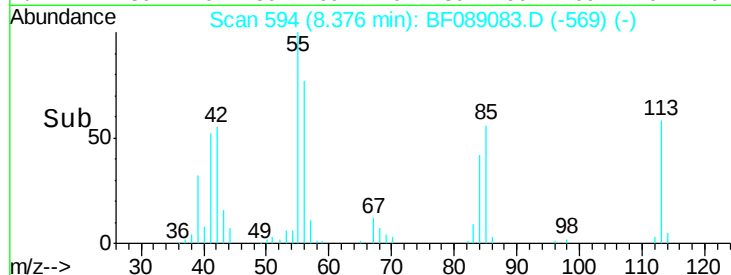
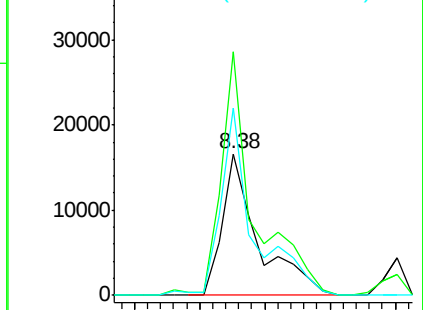
#35
Caprolactam
Concen: 33.78 ng
RT: 8.38 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF089083.D
Acq: 18 Jul 2016 14:38

Instrument :
BNA_F
ClientSampleId :
PB92185BS

Tot Ion:113 Resp: 32049
Ion Ratio Lower Upper
113 100
55 171.7 158.6 198.6
56 131.7 110.6 150.6

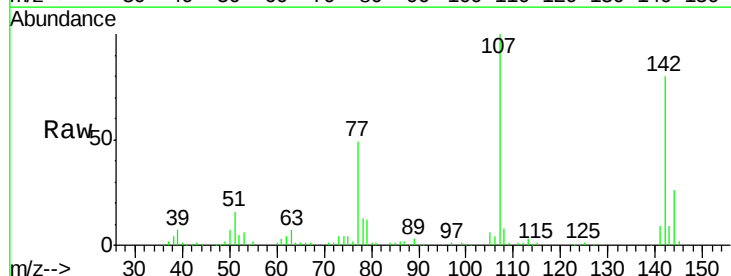


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

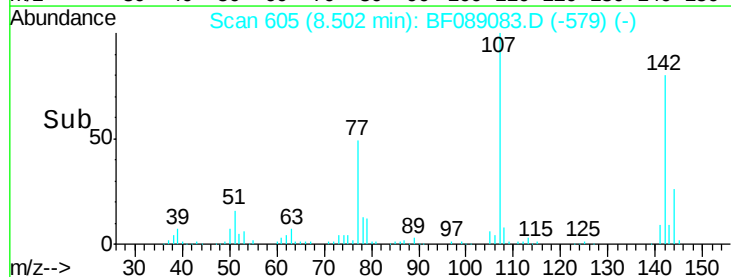
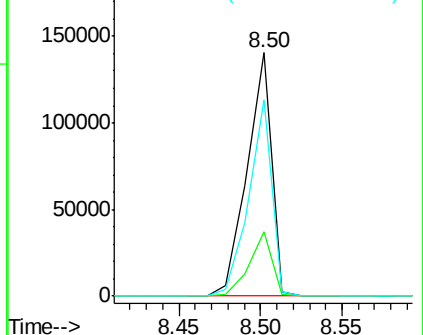


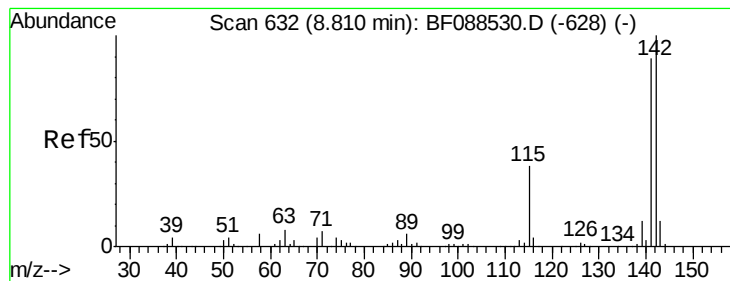
#36
4-Chloro-3-methylphenol
Concen: 44.45 ng
RT: 8.50 min Scan# 605
Delta R.T. -0.00 min
Lab File: BF089083.D
Acq: 18 Jul 2016 14:38

Tgt Ion:107 Resp: 146842
Ion Ratio Lower Upper
107 100
144 26.2 20.8 31.2
142 80.4 63.4 95.2



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





#37

2-Methylnaphthalene

Concen: 39.95 ng

RT: 8.64 min Scan# 617

Delta R.T. -0.00 min

Lab File: BF089083.D

Acq: 18 Jul 2016 14:38

Instrument :

BNA_F

ClientSampleId :

PB92185BS

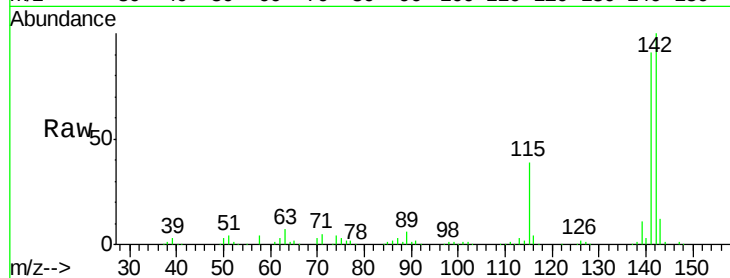
Tot Ion:142 Resp: 266798

Ion Ratio Lower Upper

142 100

141 90.6 71.0 106.6

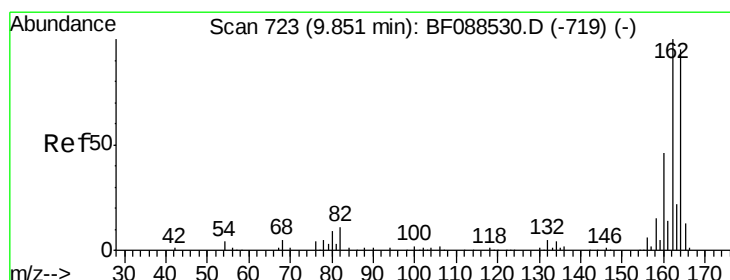
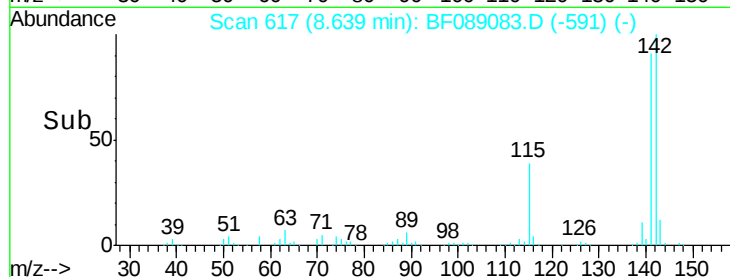
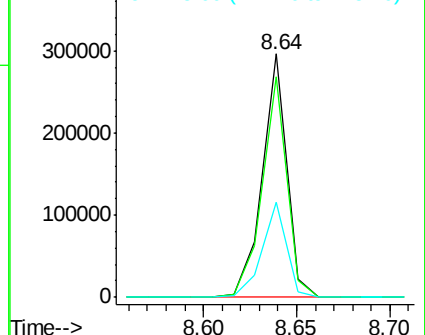
115 39.2 22.6 33.8#



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: 9.68 min Scan# 708

Delta R.T. -0.00 min

Lab File: BF089083.D

Acq: 18 Jul 2016 14:38

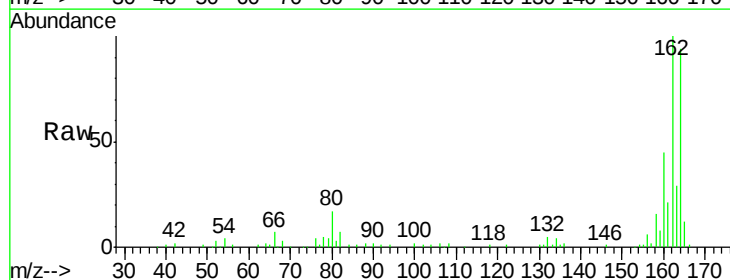
Tgt Ion:164 Resp: 98663

Ion Ratio Lower Upper

164 100

162 106.8 85.4 128.2

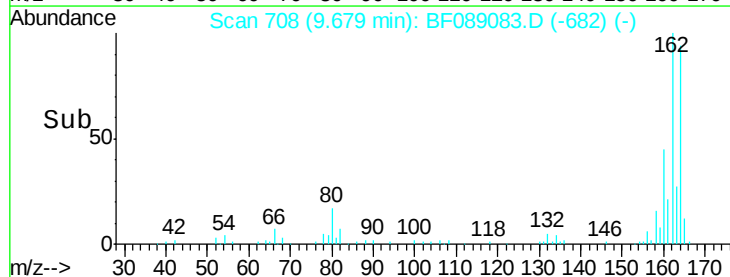
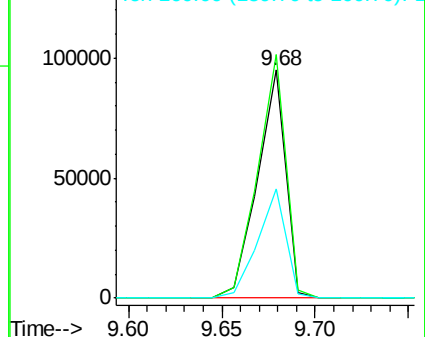
160 48.1 39.5 59.3



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: 47.08 ng

RT: 8.81 min Scan# 632

Delta R.T. -0.00 min

Lab File: BF089083.D

Acq: 18 Jul 2016 14:38

Instrument :

BNA_F

ClientSampleId :

PB92185BS

Tot Ion:216 Resp: 154496

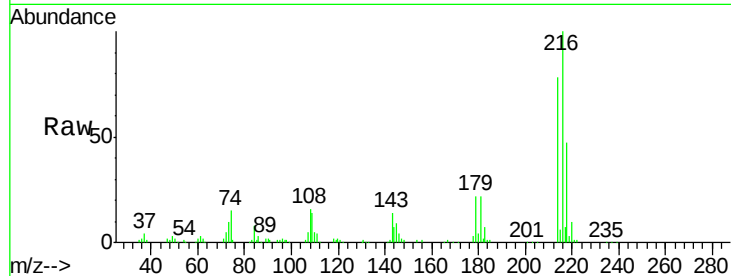
Ion Ratio Lower Upper

216 100

214 78.3 2.9 4.3#

179 23.4 0.0 0.0#

108 20.9 0.5 0.7#

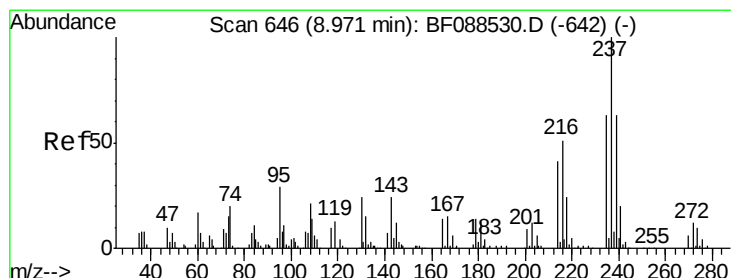
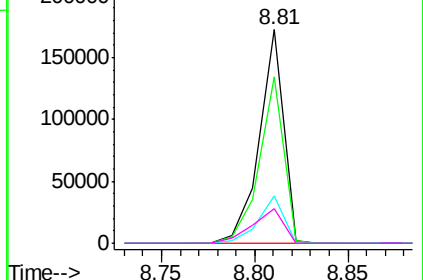
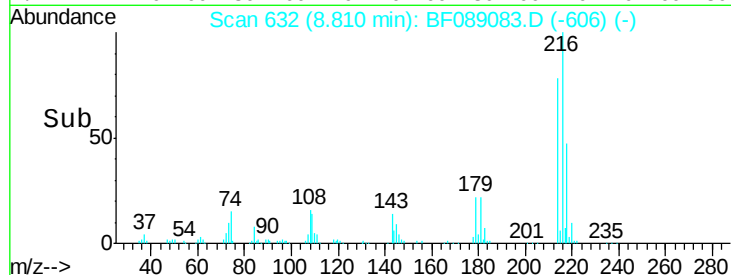


Abundance Ion 216.00 (215.70 to 216.70): E

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: 41.82 ng

RT: 8.80 min Scan# 631

Delta R.T. -0.00 min

Lab File: BF089083.D

Acq: 18 Jul 2016 14:38

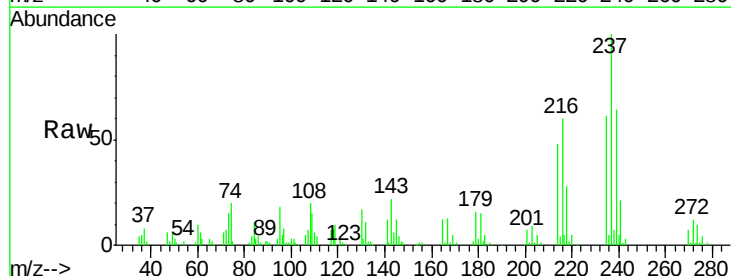
Tgt Ion:237 Resp: 67358

Ion Ratio Lower Upper

237 100

235 61.3 43.4 83.4

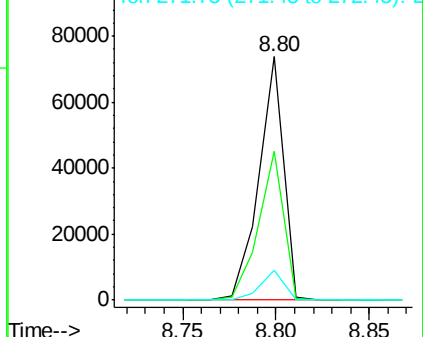
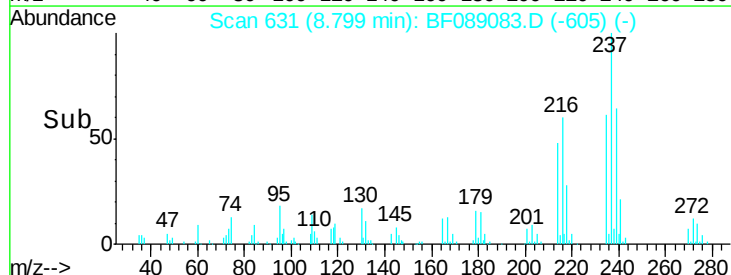
272 12.3 0.0 32.3

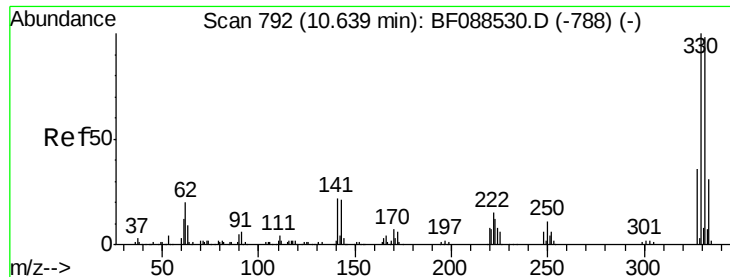


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

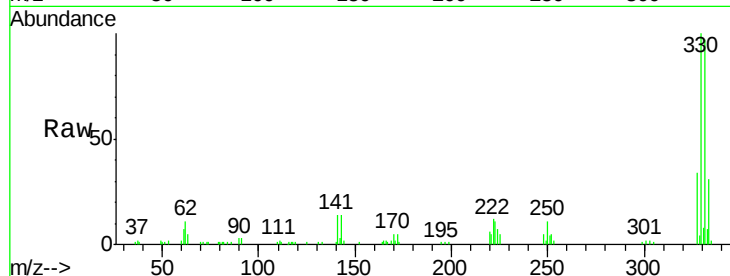




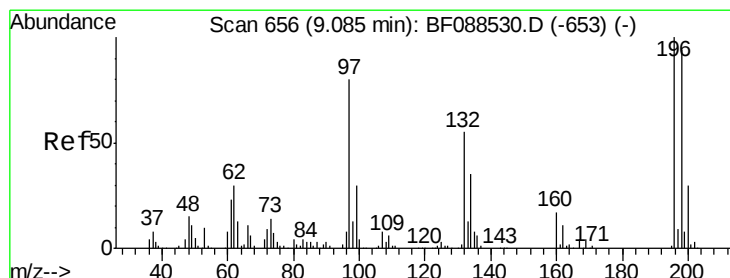
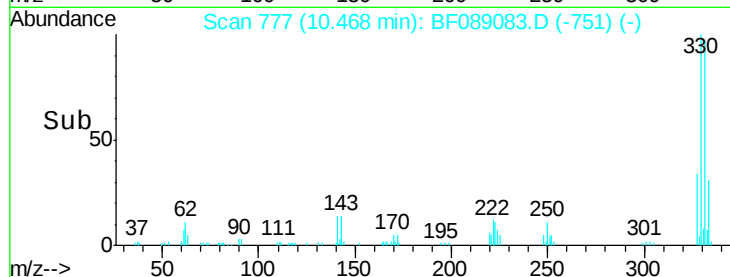
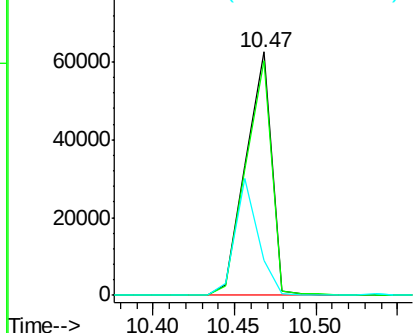
#41
 2,4,6-Tribromophenol
 Concen: 74.99 ng
 RT: 10.47 min Scan# 777
 Delta R.T. -0.00 min
 Lab File: BF089083.D
 Acq: 18 Jul 2016 14:38

Instrument :
 BNA_F
 ClientSampleId :
 PB92185BS

Tot Ion:330 Resp: 68703
 Ion Ratio Lower Upper
 330 100
 332 97.2 0.0 0.0#
 141 42.3 0.0 0.0#

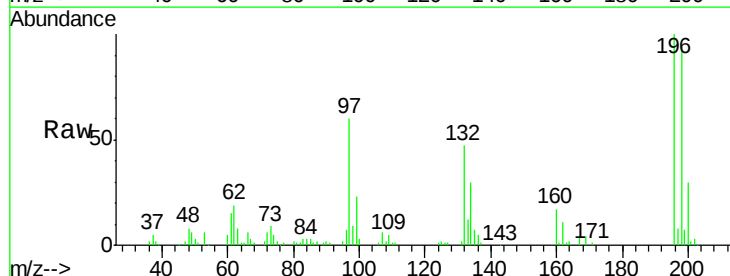


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

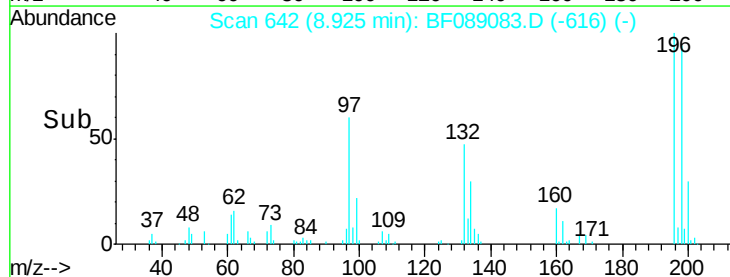
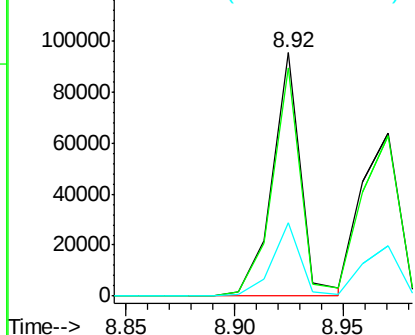


#42
 2,4,6-Trichlorophenol
 Concen: 40.19 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.00 min
 Lab File: BF089083.D
 Acq: 18 Jul 2016 14:38

Tgt Ion:196 Resp: 86959
 Ion Ratio Lower Upper
 196 100
 198 93.9 78.0 117.0
 200 29.9 25.4 38.2



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

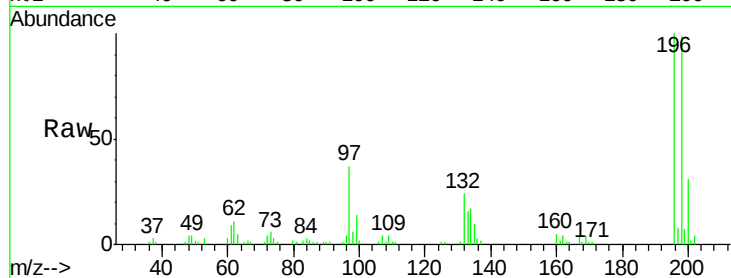




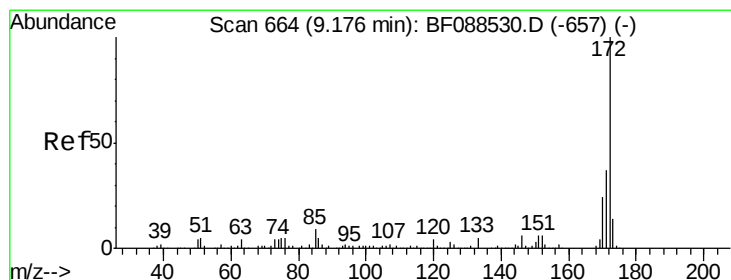
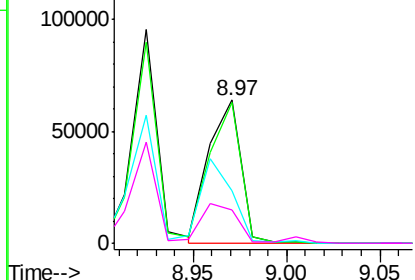
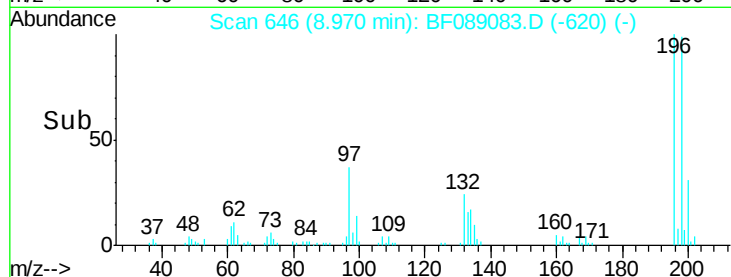
#43
 2,4,5-Trichlorophenol
 Concen: 41.48 ng
 RT: 8.97 min Scan# 646
 Delta R.T. -0.00 min
 Lab File: BF089083.D
 Acq: 18 Jul 2016 14:38

Instrument :
 BNA_F
 ClientSampleID :
 PB92185BS

Tot Ion:196 Resp: 77211
 Ion Ratio Lower Upper
 196 100
 198 98.7 77.5 116.3
 97 36.5 32.0 48.0
 132 23.7 20.9 31.3

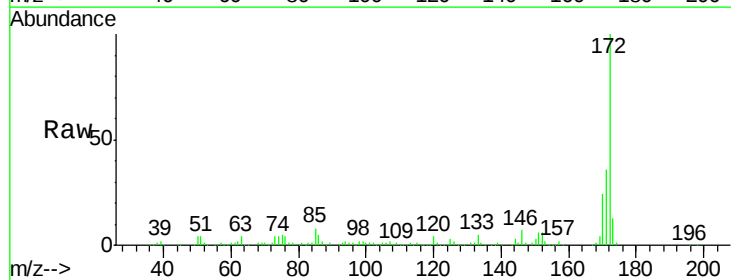


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

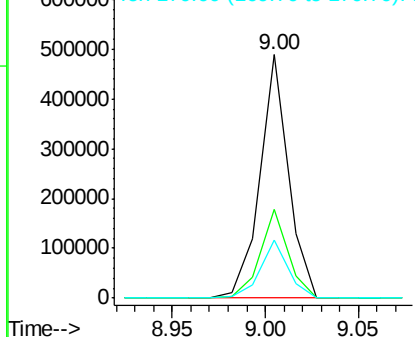
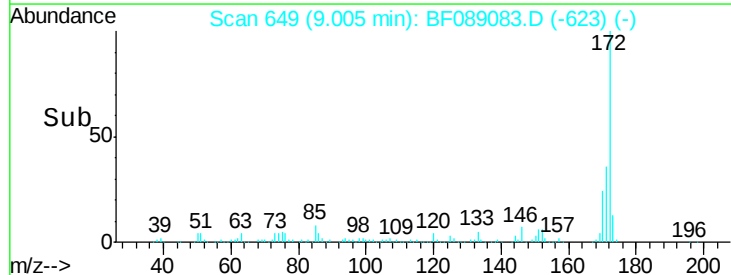


#44
 2-Fluorobiphenyl
 Concen: 82.18 ng
 RT: 9.00 min Scan# 649
 Delta R.T. -0.00 min
 Lab File: BF089083.D
 Acq: 18 Jul 2016 14:38

Tgt Ion:172 Resp: 513309
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.6 43.0
 170 23.7 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

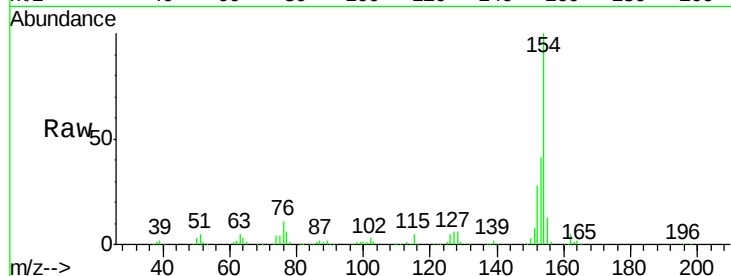




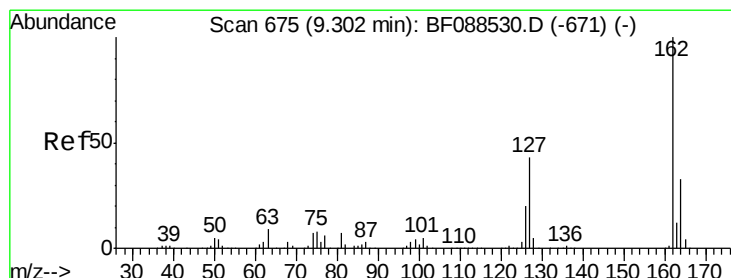
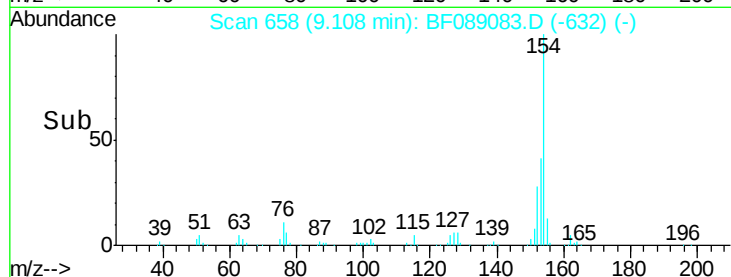
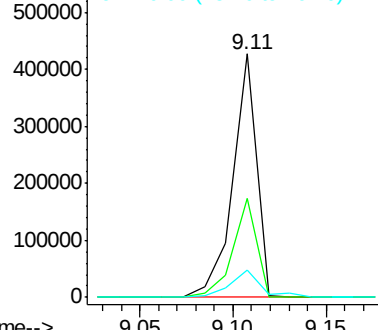
#45
1,1'-Biphenyl
Concen: 45.73 ng
RT: 9.11 min Scan# 658
Delta R.T. -0.00 min
Lab File: BF089083.D
Acq: 18 Jul 2016 14:38

Instrument :
BNA_F
ClientSampleId :
PB92185BS

Tot Ion:154 Resp: 373648
Ion Ratio Lower Upper
154 100
153 40.9 20.6 60.6
76 11.5 0.0 35.1

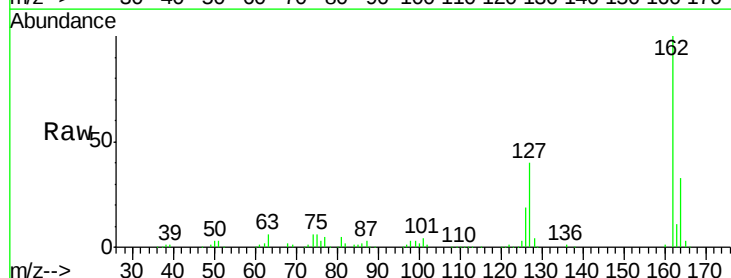


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

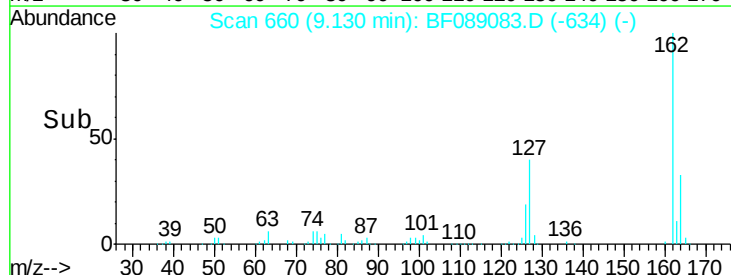
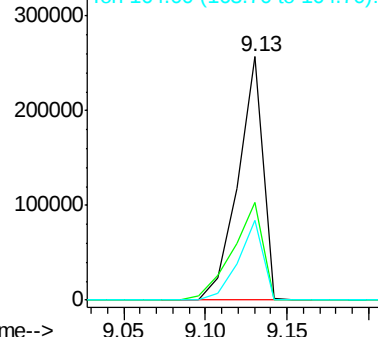


#46
2-Chloronaphthalene
Concen: 42.86 ng
RT: 9.13 min Scan# 660
Delta R.T. -0.00 min
Lab File: BF089083.D
Acq: 18 Jul 2016 14:38

Tgt Ion:162 Resp: 274921
Ion Ratio Lower Upper
162 100
127 40.1 35.2 52.8
164 33.0 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

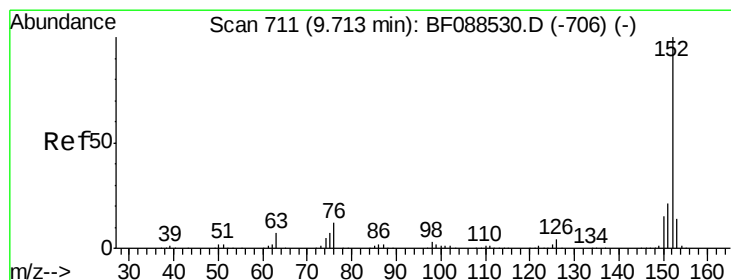
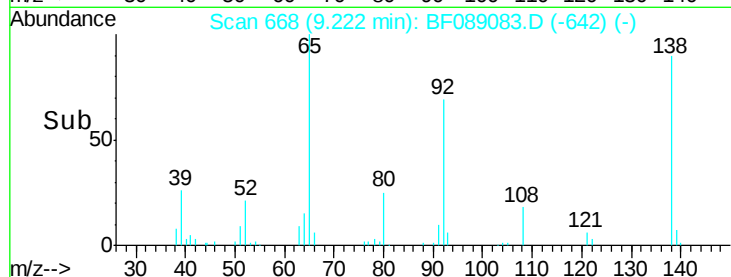
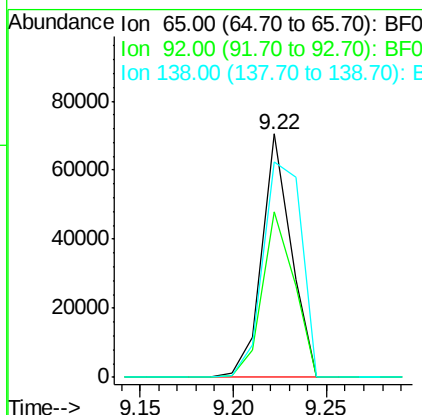
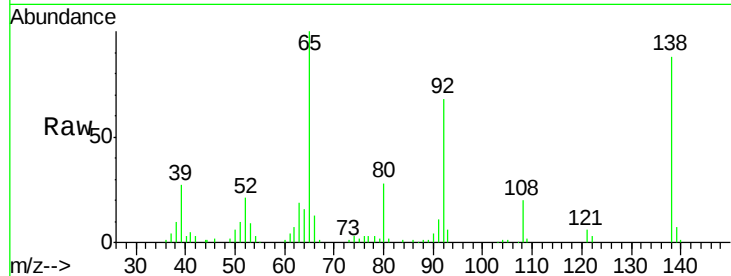




#47
 2-Nitroaniline
 Concen: 33.67 ng
 RT: 9.22 min Scan# 668
 Delta R.T. -0.00 min
 Lab File: BF089083.D
 Acq: 18 Jul 2016 14:38

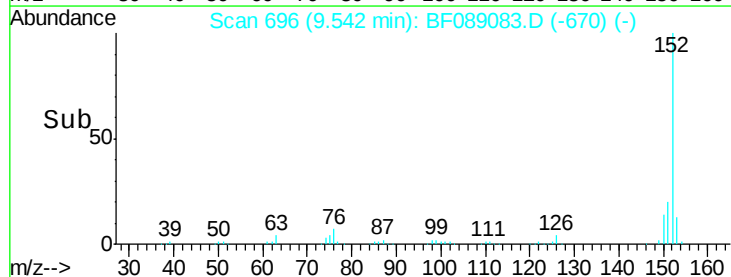
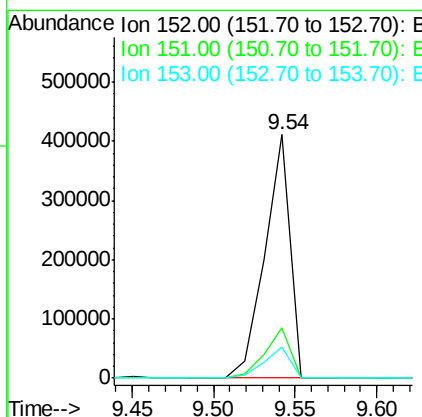
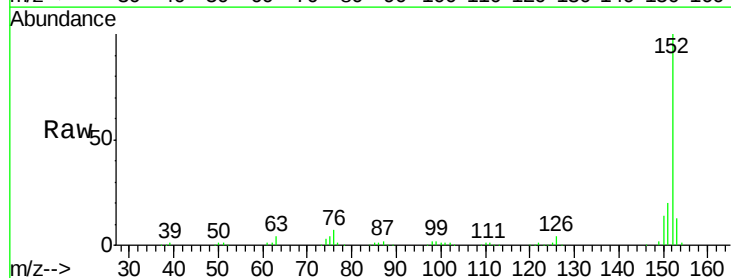
Instrument :
 BNA_F
 ClientSampleId :
 PB92185BS

Tot Ion: 65 Resp: 76632
 Ion Ratio Lower Upper
 65 100
 92 68.1 54.6 82.0
 138 88.4 77.0 115.4



#48
 Acenaphthylene
 Concen: 43.18 ng
 RT: 9.54 min Scan# 696
 Delta R.T. -0.00 min
 Lab File: BF089083.D
 Acq: 18 Jul 2016 14:38

Tgt Ion: 152 Resp: 440618
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.2 24.4
 153 12.9 11.0 16.6





#49

Dimethylphthalate

Concen: 43.71 ng

RT: 9.42 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF089083.D

Acq: 18 Jul 2016 14:38

Instrument :

BNA_F

ClientSampleId :

PB92185BS

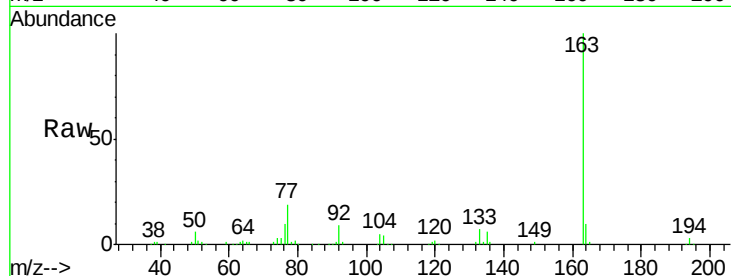
Tot Ion:163 Resp: 307254

Ion Ratio Lower Upper

163 100

194 3.4 2.8 4.2

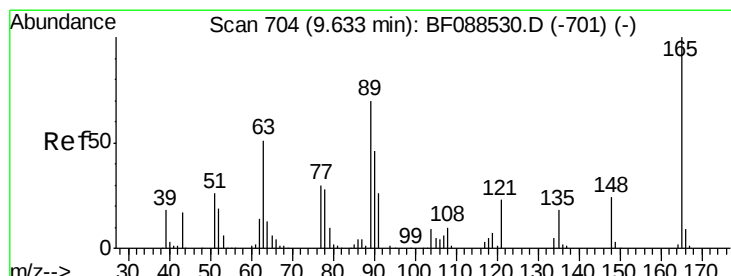
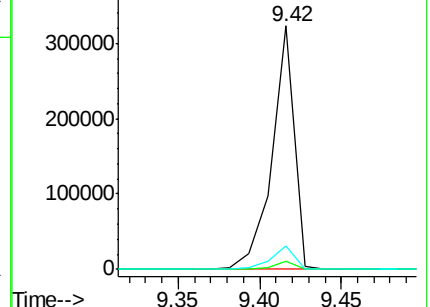
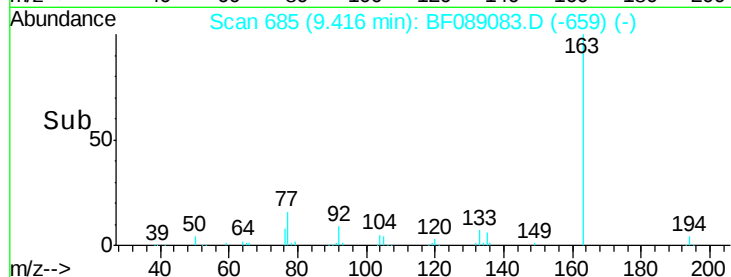
164 9.7 8.3 12.5



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: 44.19 ng

RT: 9.47 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF089083.D

Acq: 18 Jul 2016 14:38

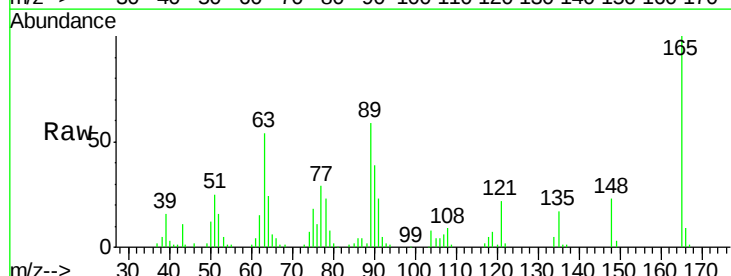
Tgt Ion:165 Resp: 68848

Ion Ratio Lower Upper

165 100

63 54.1 28.1 42.1#

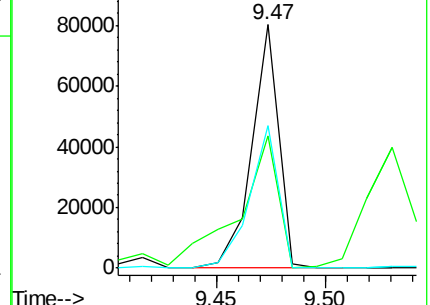
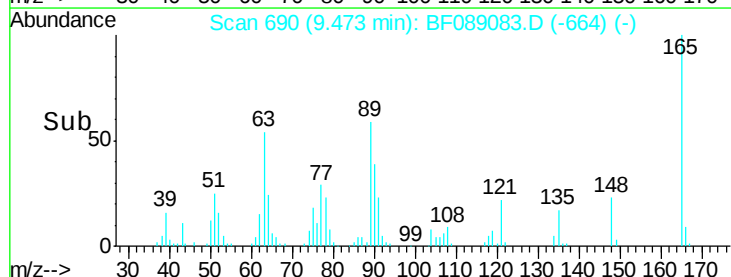
89 58.6 32.2 48.2#

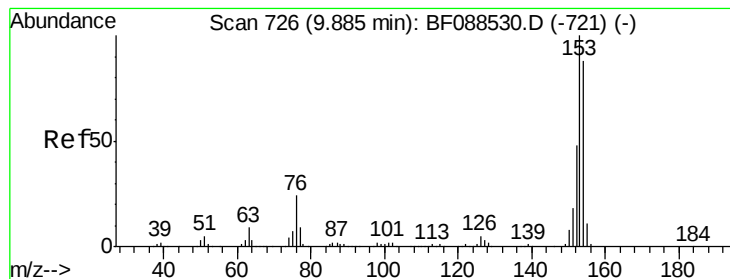


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.44 ng

RT: 9.71 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF089083.D

Acq: 18 Jul 2016 14:38

Instrument :

BNA_F

ClientSampleId :

PB92185BS

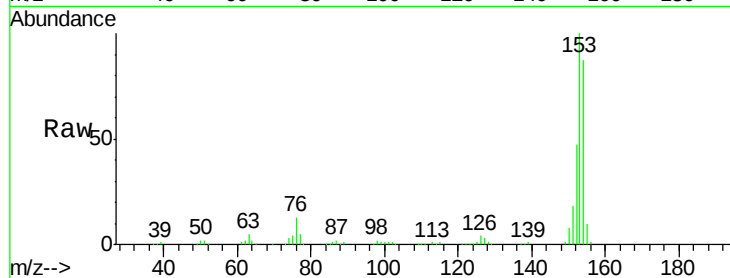
Tot Ion:154 Resp: 259224

Ion Ratio Lower Upper

154 100

153 114.3 89.5 134.3

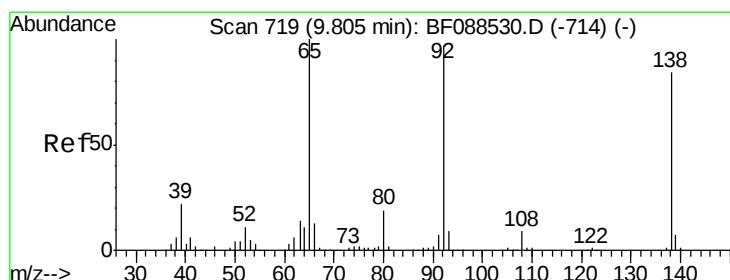
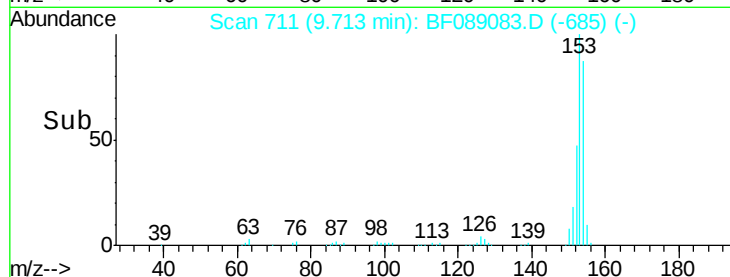
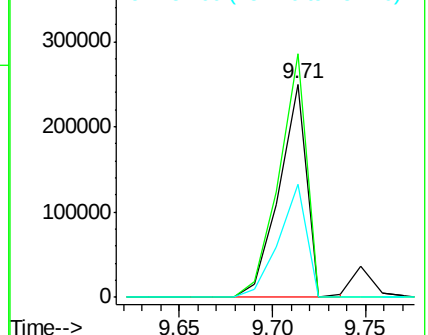
152 53.3 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 34.73 ng

RT: 9.63 min Scan# 704

Delta R.T. -0.00 min

Lab File: BF089083.D

Acq: 18 Jul 2016 14:38

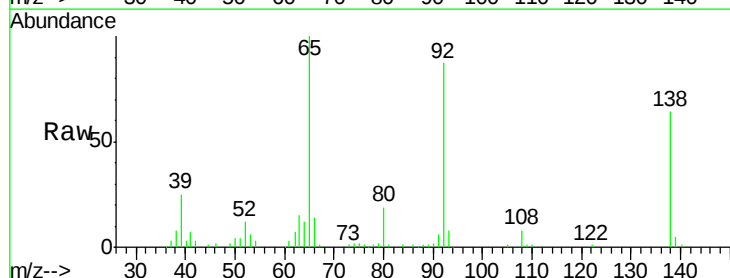
Tgt Ion:138 Resp: 68787

Ion Ratio Lower Upper

138 100

108 12.2 8.5 12.7

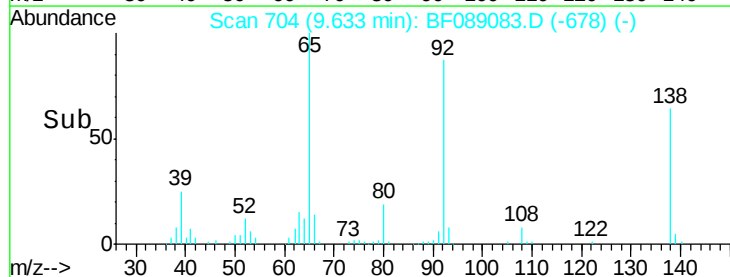
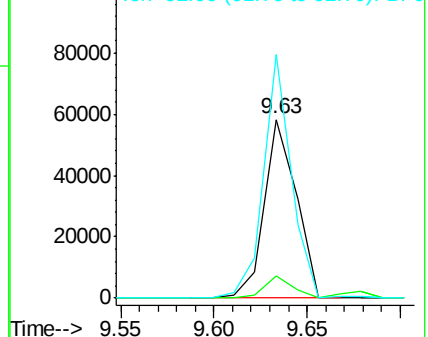
92 136.2 95.7 143.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

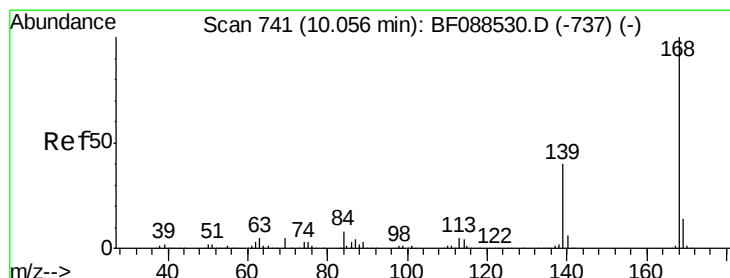
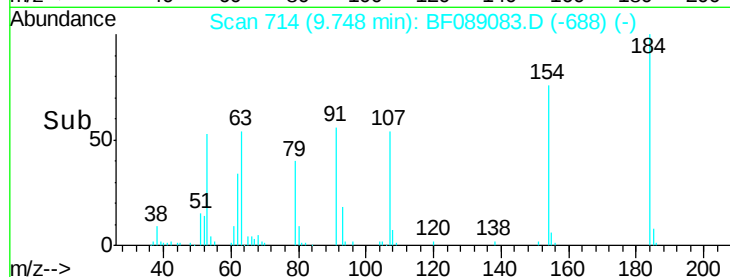
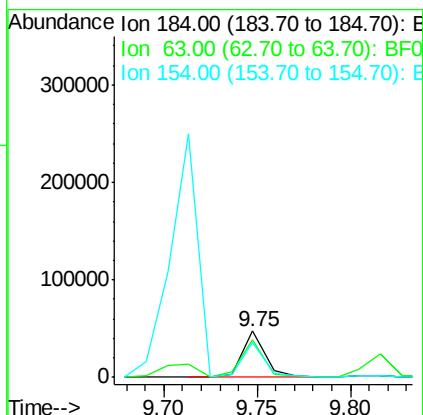
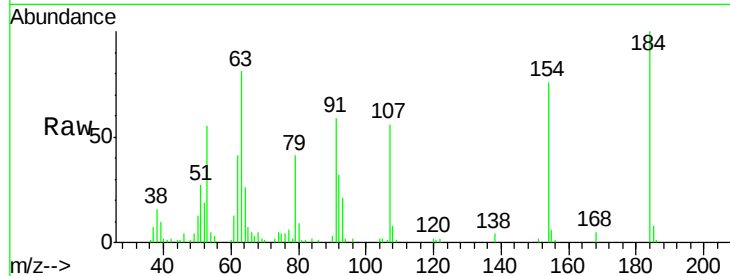




#53
 2,4-Dinitrophenol
 Concen: 60.33 ng
 RT: 9.75 min Scan# 714
 Delta R.T. -0.00 min
 Lab File: BF089083.D
 Acq: 18 Jul 2016 14:38

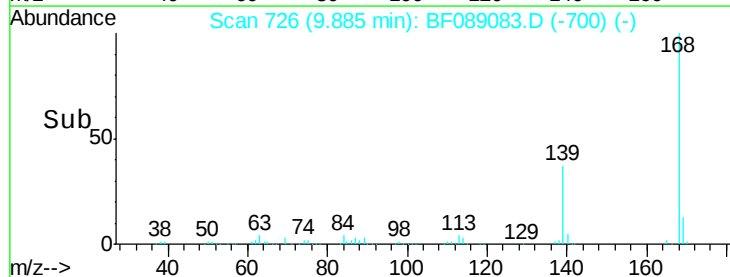
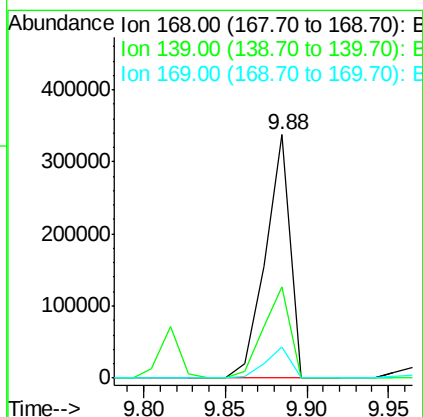
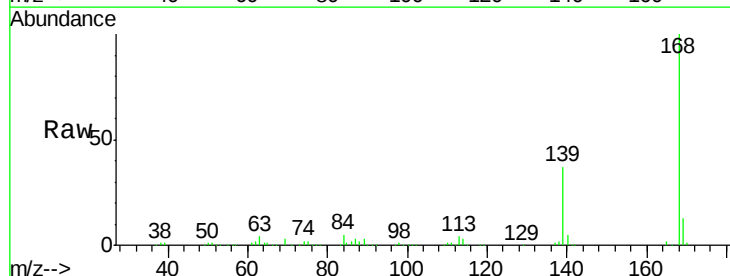
Instrument :
 BNA_F
 ClientSampleId :
 PB92185BS

Tot Ion:184 Resp: 41502
 Ion Ratio Lower Upper
 184 100
 63 80.9 57.6 86.4
 154 75.8 53.5 80.3



#54
 Dibenzofuran
 Concen: 43.00 ng
 RT: 9.88 min Scan# 726
 Delta R.T. -0.00 min
 Lab File: BF089083.D
 Acq: 18 Jul 2016 14:38

Tgt Ion:168 Resp: 352106
 Ion Ratio Lower Upper
 168 100
 139 37.3 26.4 39.6
 169 13.0 10.4 15.6

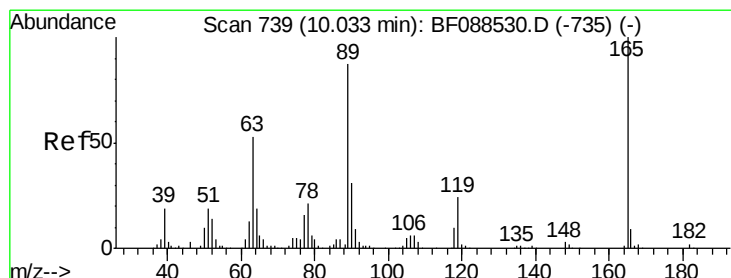
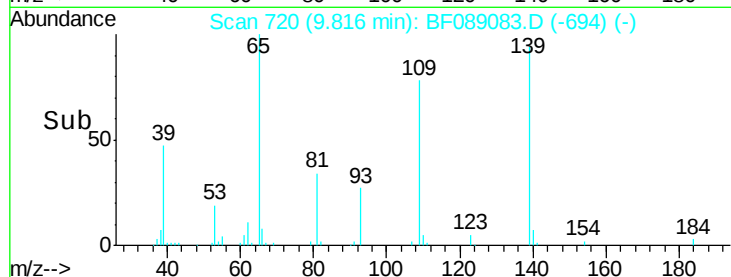
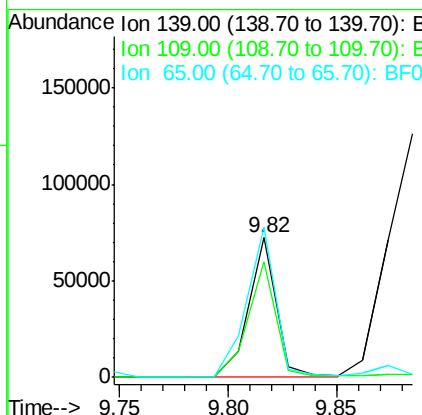
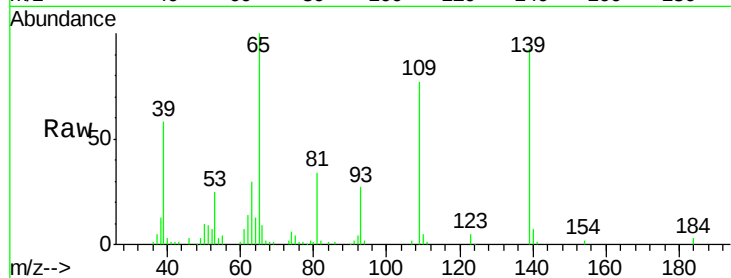




#55
4-Nitrophenol
Concen: 42.71 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF089083.D
Acq: 18 Jul 2016 14:38

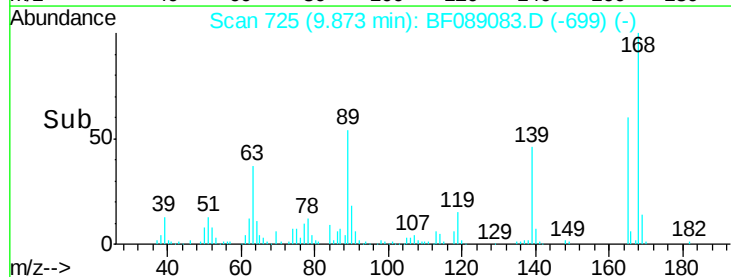
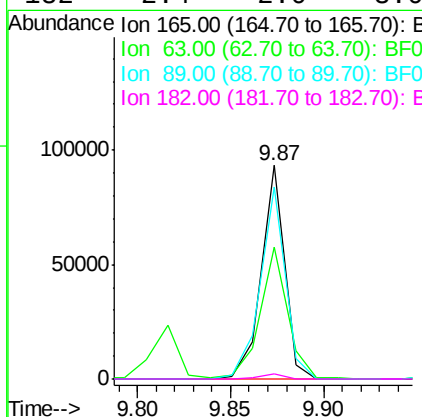
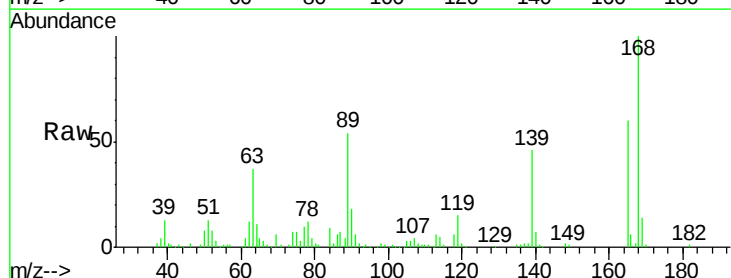
Instrument :
BNA_F
ClientSampleId :
PB92185BS

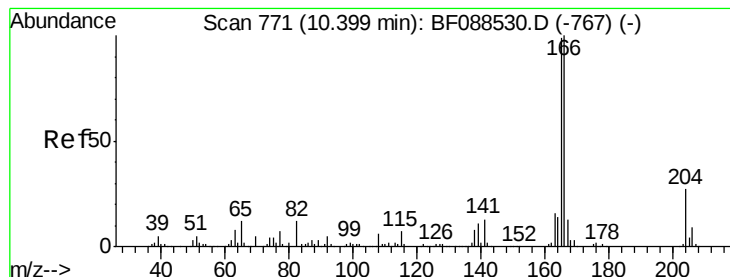
Tot Ion:139 Resp: 64275
Ion Ratio Lower Upper
139 100
109 83.2 48.9 88.9
65 107.6 84.9 124.9



#56
2,4-Dinitrotoluene
Concen: 39.46 ng
RT: 9.87 min Scan# 725
Delta R.T. -0.00 min
Lab File: BF089083.D
Acq: 18 Jul 2016 14:38

Tgt Ion:165 Resp: 80378
Ion Ratio Lower Upper
165 100
63 62.0 22.0 33.0#
89 89.9 41.1 61.7#
182 2.4 2.0 3.0





#57

Fluorene

Concen: 42.02 ng

RT: 10.22 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF089083.D

Acq: 18 Jul 2016 14:38

Instrument :

BNA_F

ClientSampleId :

PB92185BS

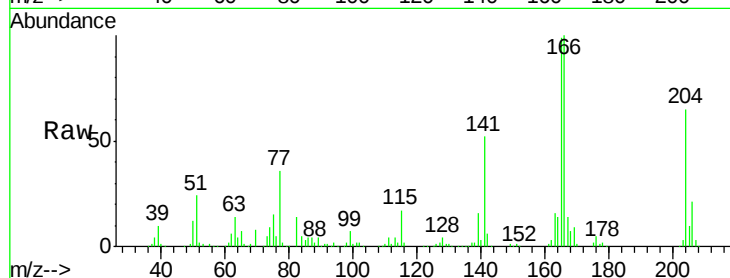
Tot Ion:166 Resp: 265134

Ion Ratio Lower Upper

166 100

165 98.8 77.8 116.8

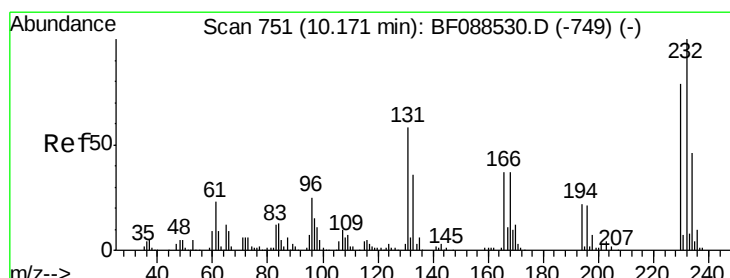
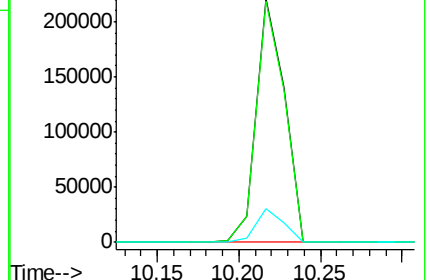
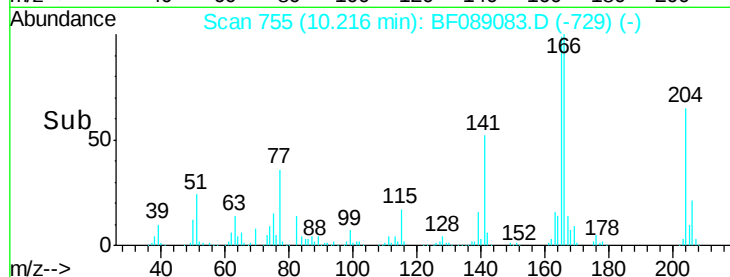
167 13.6 11.2 16.8



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: 36.40 ng

RT: 10.00 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF089083.D

Acq: 18 Jul 2016 14:38

Tgt Ion:232 Resp: 52428

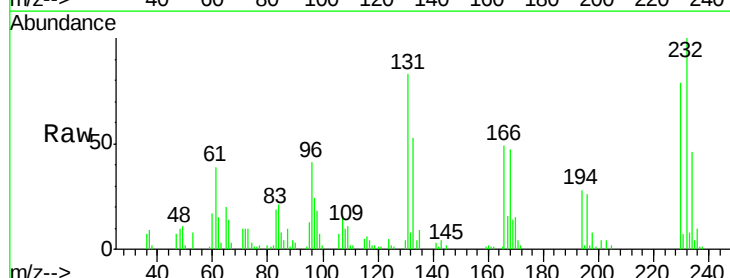
Ion Ratio Lower Upper

232 100

131 59.2 0.9 1.3#

130 2.7 1.5 2.3#

166 36.9 0.5 0.7#

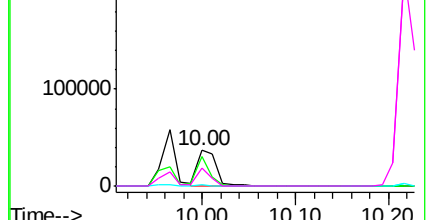
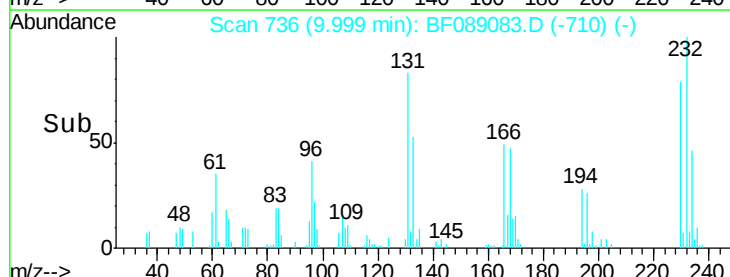


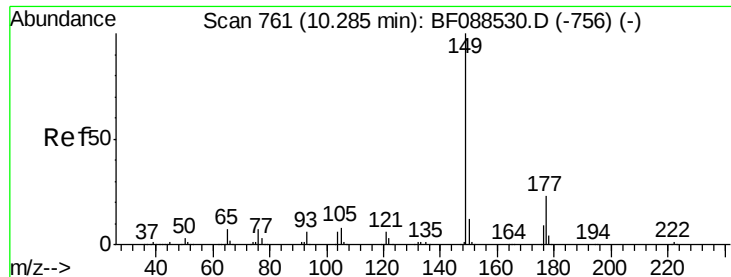
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

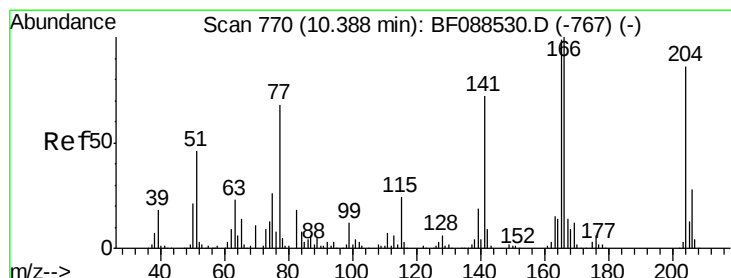
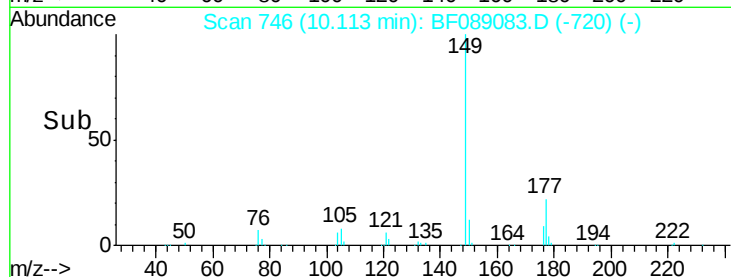
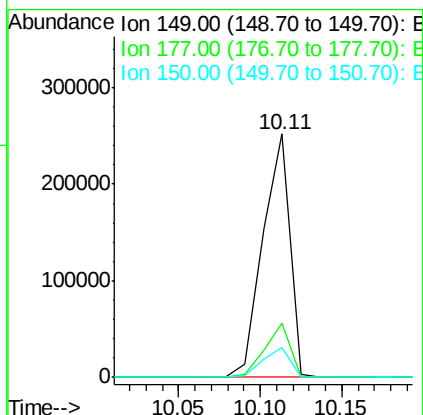
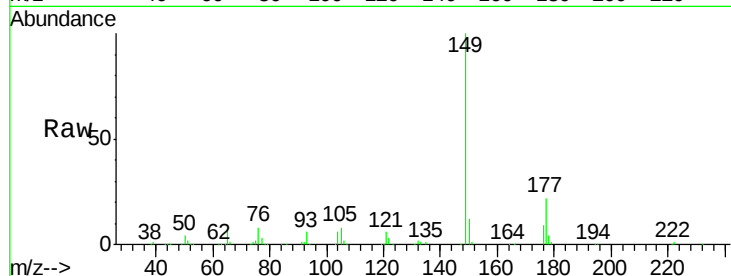




#59
Diethylphthalate
Concen: 41.16 ng
RT: 10.11 min Scan# 746
Delta R.T. -0.00 min
Lab File: BF089083.D
Acq: 18 Jul 2016 14:38

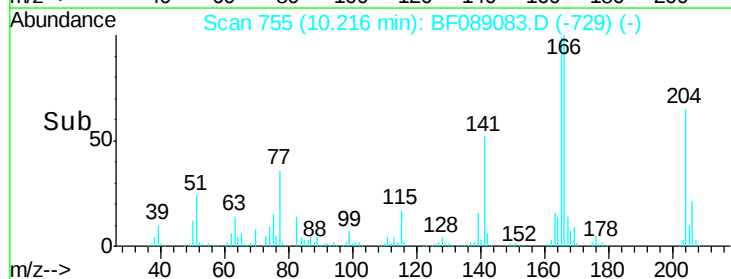
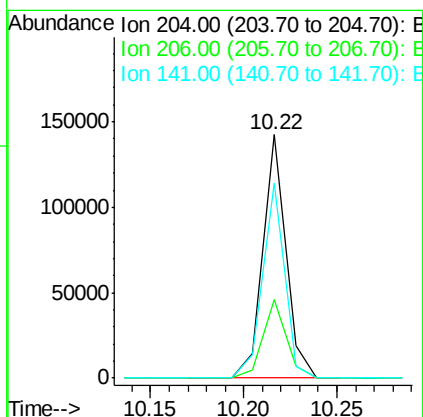
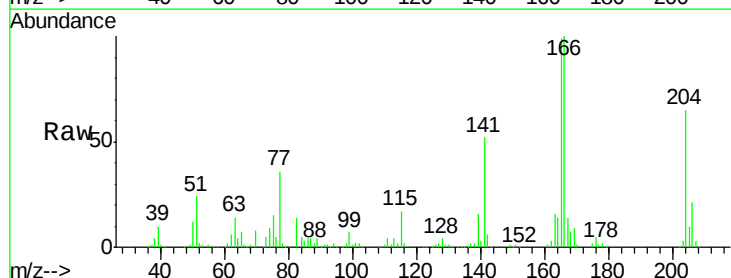
Instrument :
BNA_F
ClientSampleId :
PB92185BS

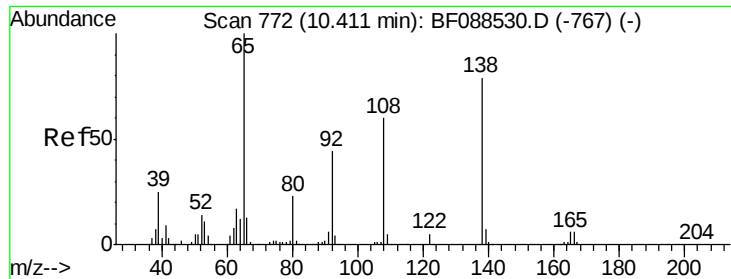
Tot Ion:149 Resp: 290362
Ion Ratio Lower Upper
149 100
177 22.4 16.9 25.3
150 12.5 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 41.24 ng
RT: 10.22 min Scan# 755
Delta R.T. -0.00 min
Lab File: BF089083.D
Acq: 18 Jul 2016 14:38

Tgt Ion:204 Resp: 120915
Ion Ratio Lower Upper
204 100
206 32.2 26.3 39.5
141 80.0 55.0 82.6

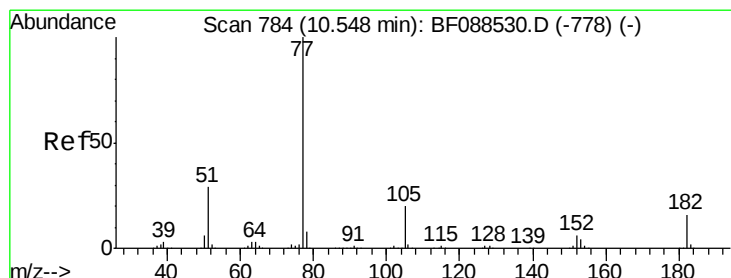
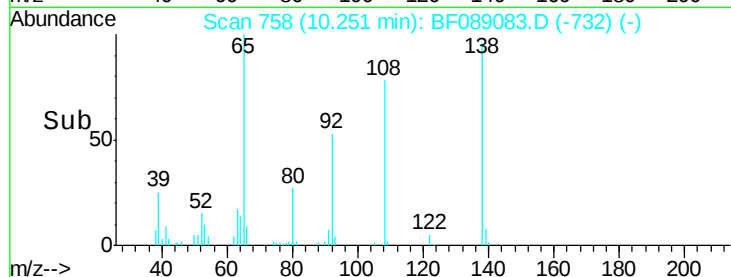
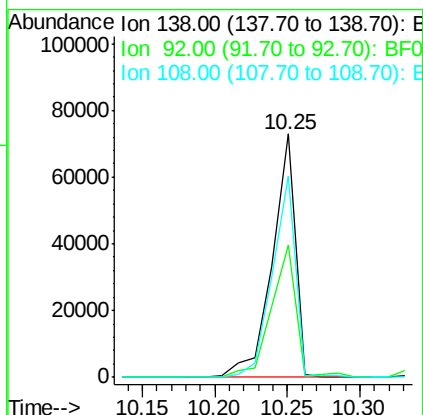
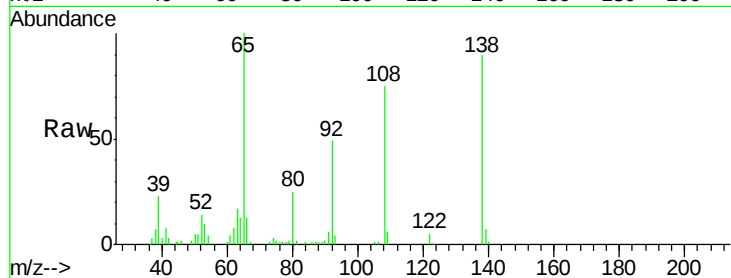




#61
4-Nitroaniline
Concen: 42.37 ng
RT: 10.25 min Scan# 758
Delta R.T. -0.00 min
Lab File: BF089083.D
Acq: 18 Jul 2016 14:38

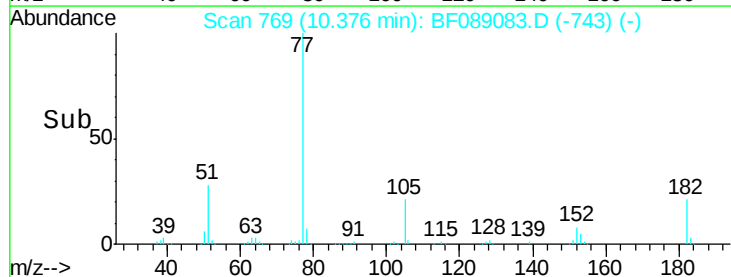
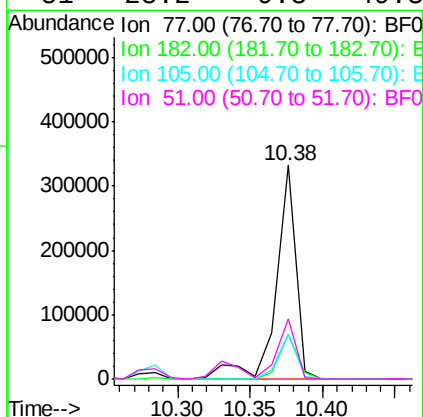
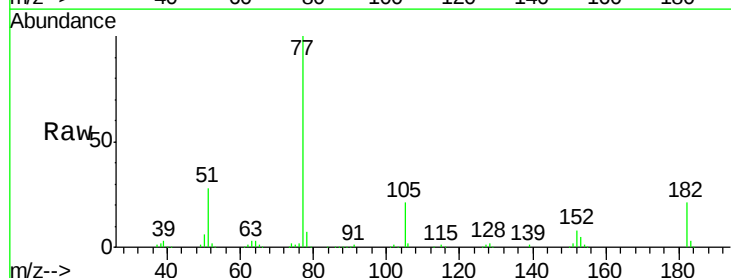
Instrument :
BNA_F
ClientSampleId :
PB92185BS

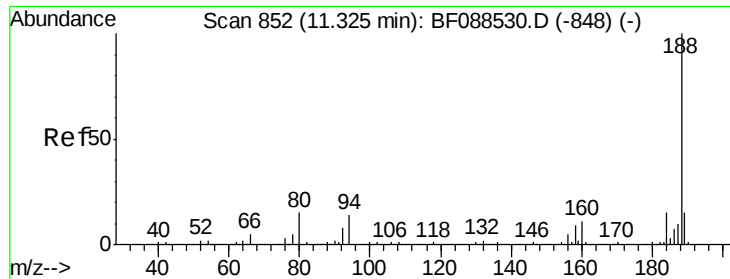
Tot Ion:138 Resp: 80746
Ion Ratio Lower Upper
138 100
92 54.5 27.3 67.3
108 82.9 46.7 86.7



#62
Azobenzene
Concen: 39.57 ng
RT: 10.38 min Scan# 769
Delta R.T. -0.00 min
Lab File: BF089083.D
Acq: 18 Jul 2016 14:38

Tgt Ion: 77 Resp: 318387
Ion Ratio Lower Upper
77 100
182 21.0 4.4 44.4
105 21.2 3.8 43.8
51 28.2 9.3 49.3

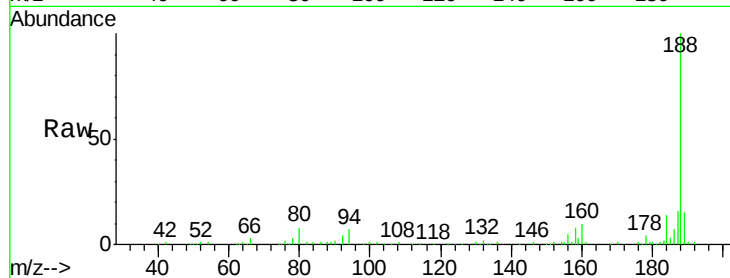




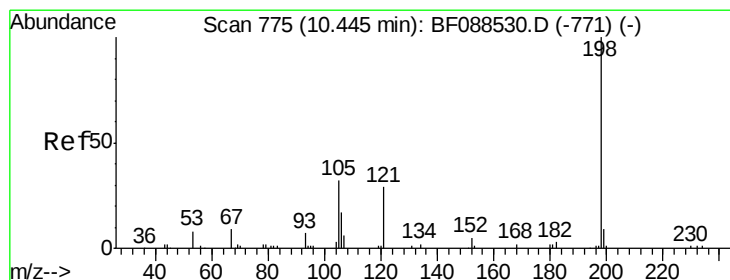
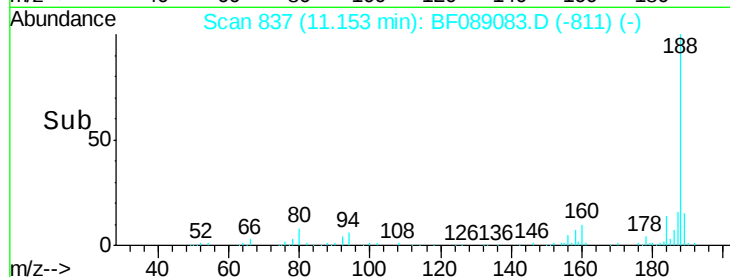
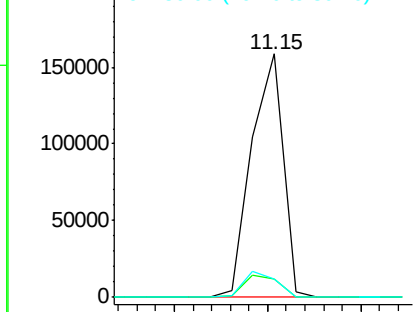
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 837
Delta R.T. -0.00 min
Lab File: BF089083.D
Acq: 18 Jul 2016 14:38

Instrument :
BNA_F
ClientSampleId :
PB92185BS

Tot Ion:188 Resp: 186014
Ion Ratio Lower Upper
188 100
94 7.4 9.0 13.6#
80 7.8 10.0 15.0#

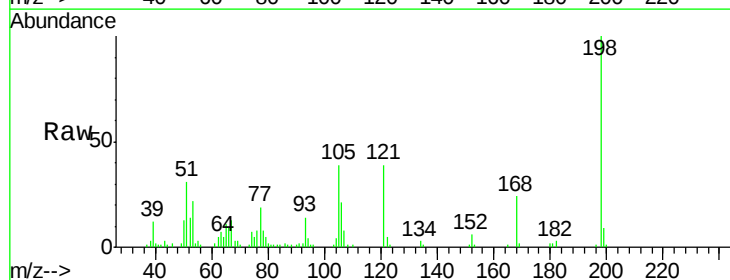


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

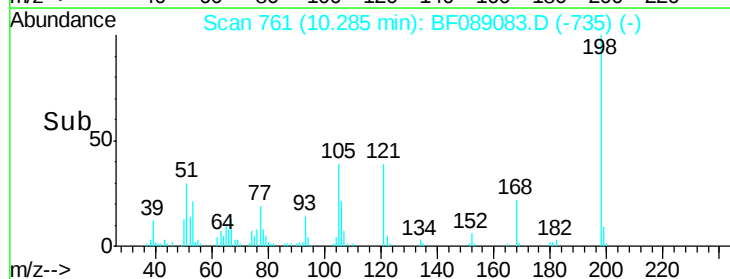
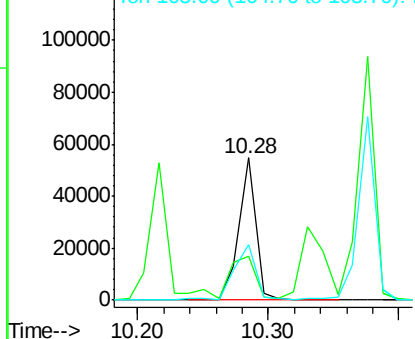


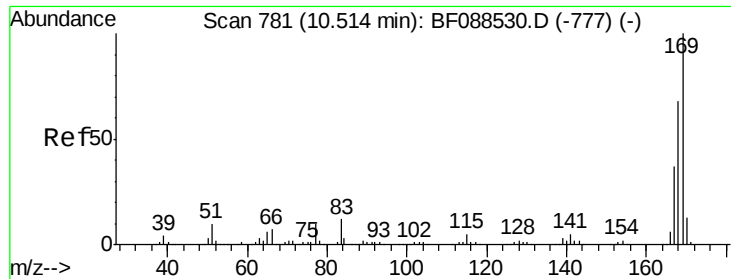
#64
4,6-Dinitro-2-methylphenol
Concen: 49.63 ng
RT: 10.28 min Scan# 761
Delta R.T. -0.00 min
Lab File: BF089083.D
Acq: 18 Jul 2016 14:38

Tgt Ion:198 Resp: 49373
Ion Ratio Lower Upper
198 100
51 30.6 39.6 79.6#
105 39.0 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

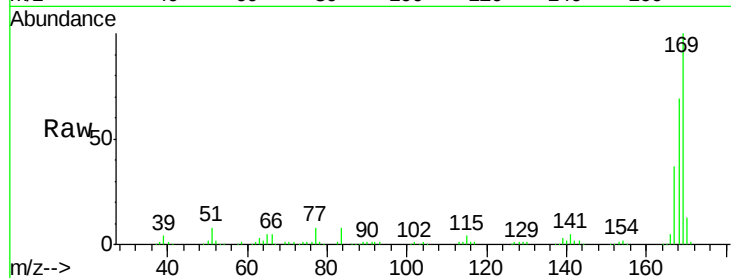




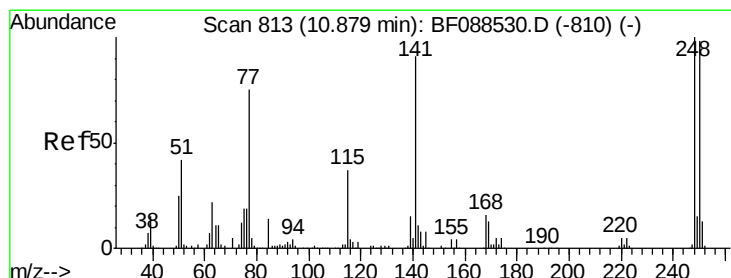
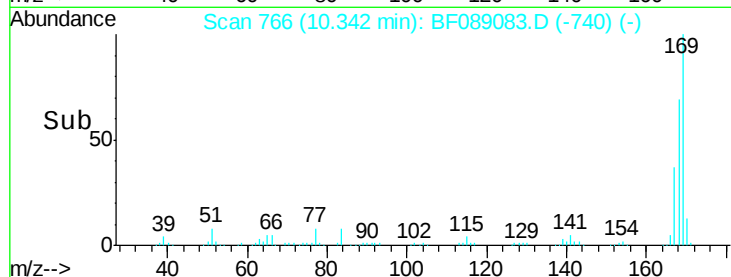
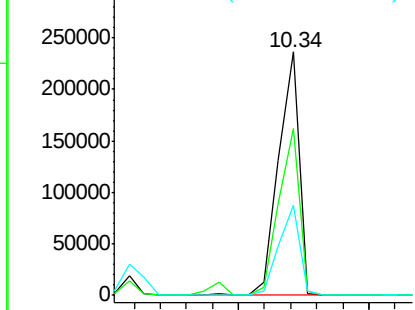
#65
 n-Nitrosodiphenylamine
 Concen: 41.79 ng
 RT: 10.34 min Scan# 766
 Delta R.T. -0.00 min
 Lab File: BF089083.D
 Acq: 18 Jul 2016 14:38

Instrument :
 BNA_F
 ClientSampleId :
 PB92185BS

Tot Ion:169 Resp: 263085
 Ion Ratio Lower Upper
 169 100
 168 68.7 53.4 80.0
 167 37.2 29.4 44.0

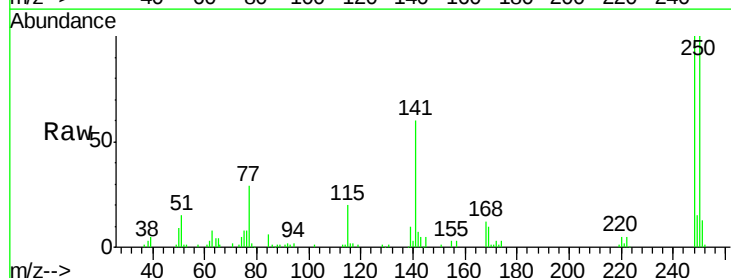


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

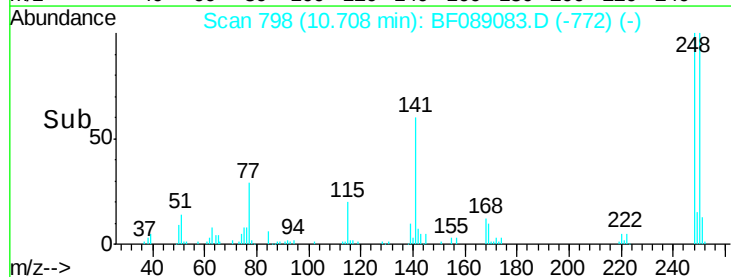
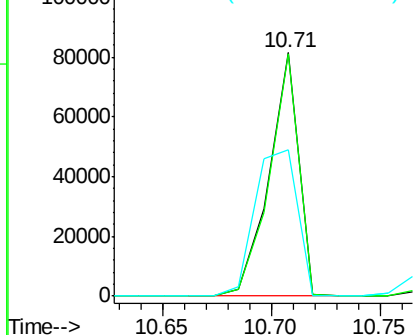


#66
 4-Bromophenyl-phenylether
 Concen: 41.54 ng
 RT: 10.71 min Scan# 798
 Delta R.T. -0.00 min
 Lab File: BF089083.D
 Acq: 18 Jul 2016 14:38

Tgt Ion:248 Resp: 77870
 Ion Ratio Lower Upper
 248 100
 250 99.5 77.1 115.7
 141 60.3 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

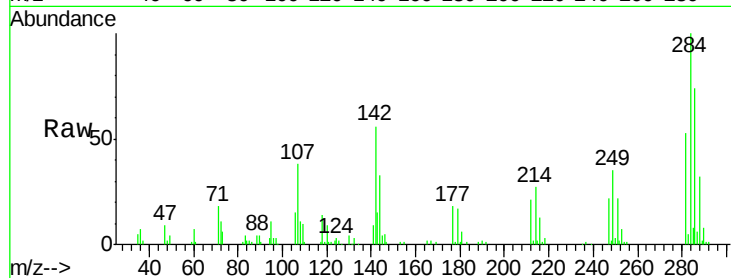




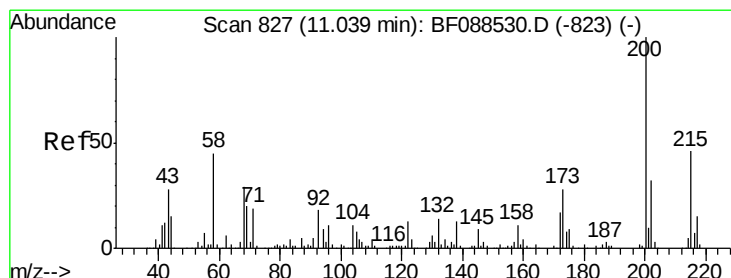
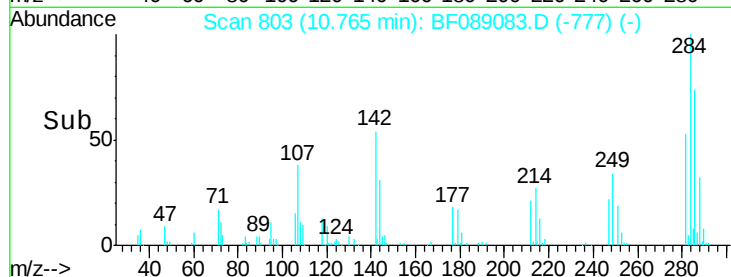
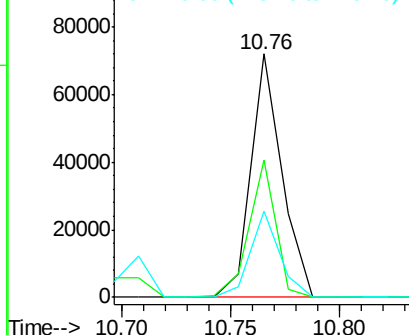
#67
Hexachlorobenzene
Concen: 34.34 ng
RT: 10.76 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF089083.D
Acq: 18 Jul 2016 14:38

Instrument :
BNA_F
ClientSampleId :
PB92185BS

Tot Ion:284 Resp: 71264
Ion Ratio Lower Upper
284 100
142 56.3 35.8 53.8#
249 35.3 25.8 38.6

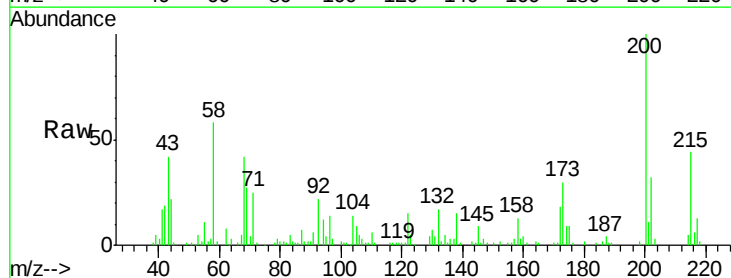


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

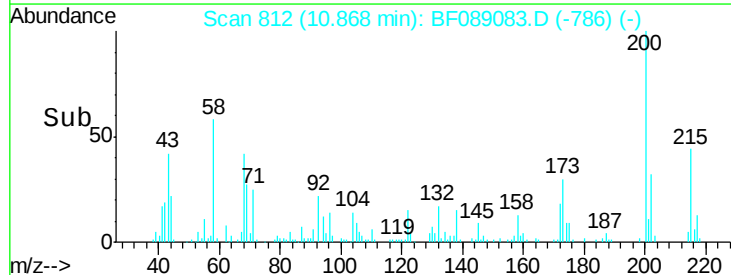
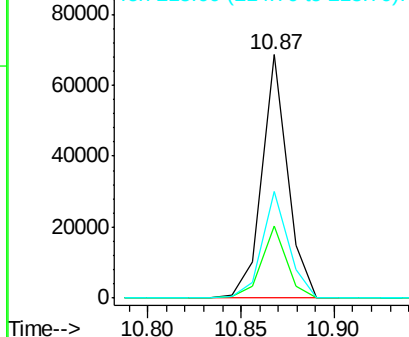


#68
Atrazine
Concen: 33.03 ng
RT: 10.87 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF089083.D
Acq: 18 Jul 2016 14:38

Tgt Ion:200 Resp: 64793
Ion Ratio Lower Upper
200 100
173 29.6 4.0 44.0
215 43.8 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: 37.07 ng

RT: 10.96 min Scan# 820

Delta R.T. -0.00 min

Lab File: BF089083.D

Acq: 18 Jul 2016 14:38

Instrument :

BNA_F

ClientSampleId :

PB92185BS

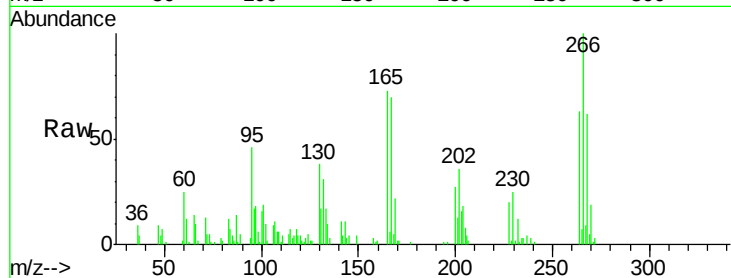
Tot Ion:266 Resp: 45524

Ion Ratio Lower Upper

266 100

268 62.3 52.8 79.2

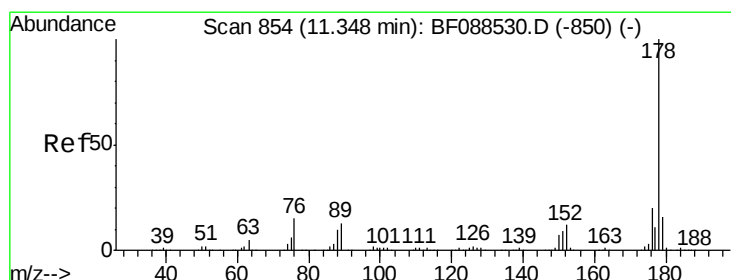
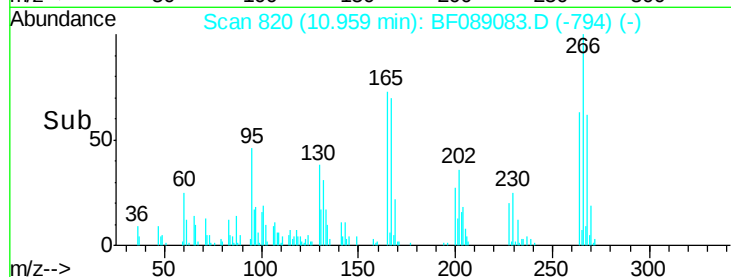
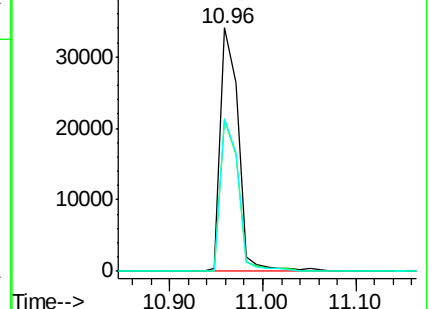
264 62.7 49.6 74.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 42.10 ng

RT: 11.18 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF089083.D

Acq: 18 Jul 2016 14:38

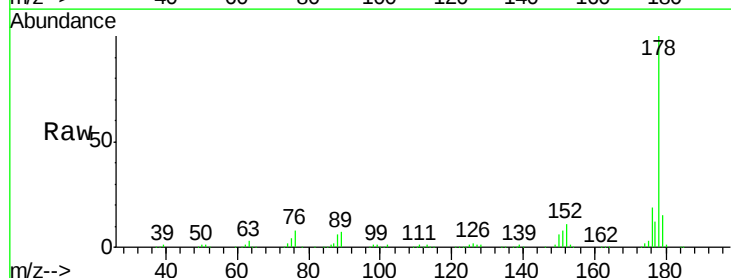
Tgt Ion:178 Resp: 428043

Ion Ratio Lower Upper

178 100

176 19.1 15.8 23.6

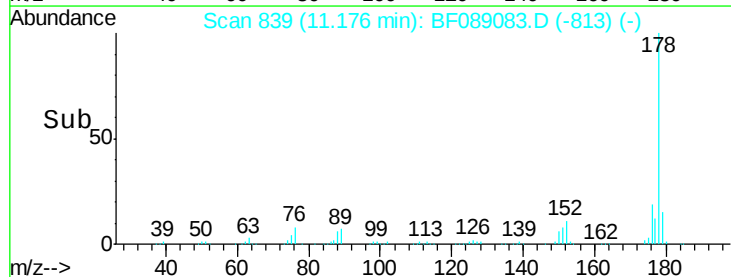
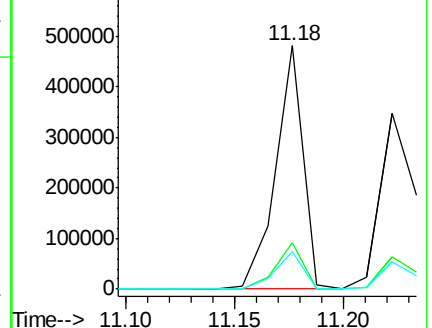
179 15.3 13.0 19.4

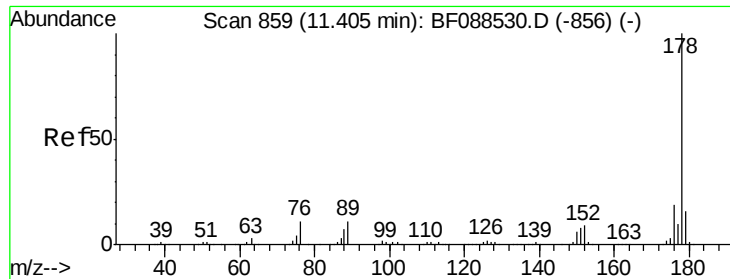


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

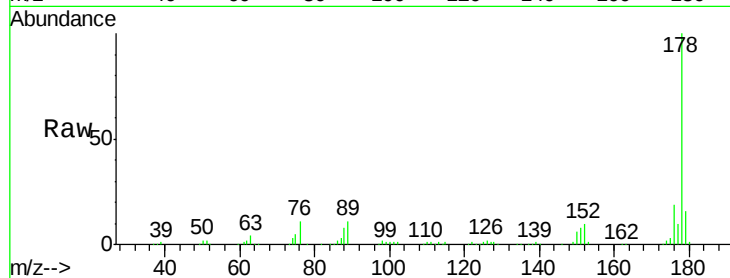




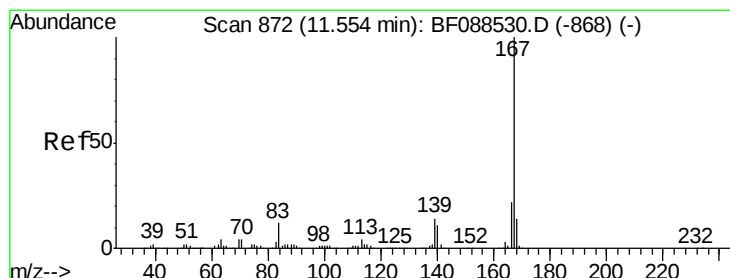
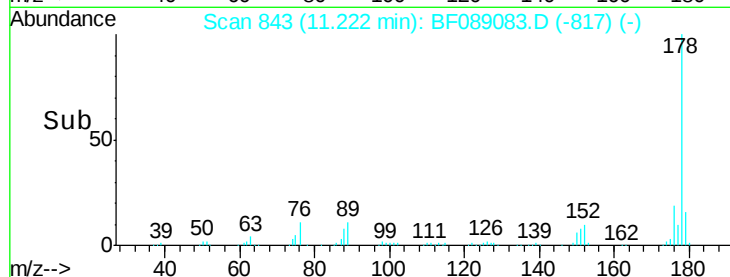
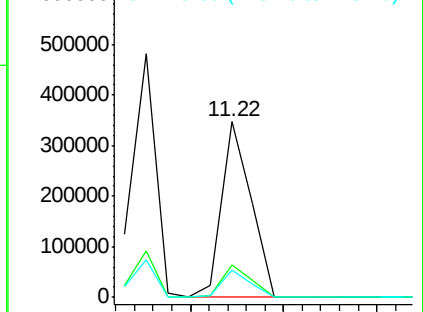
#71
 Anthracene
 Concen: 37.73 ng
 RT: 11.22 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BF089083.D
 Acq: 18 Jul 2016 14:38

Instrument :
 BNA_F
 ClientSampleId :
 PB92185BS

Tot Ion:178 Resp: 381467
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.6 23.4
 179 15.5 12.8 19.2

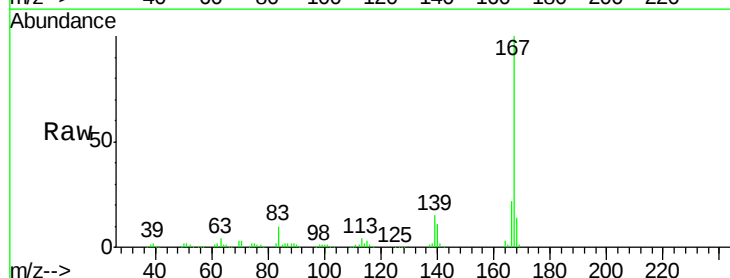


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

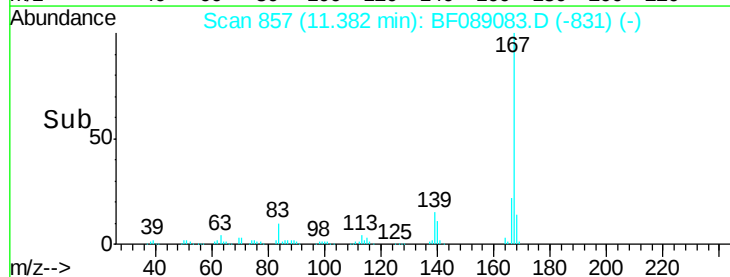
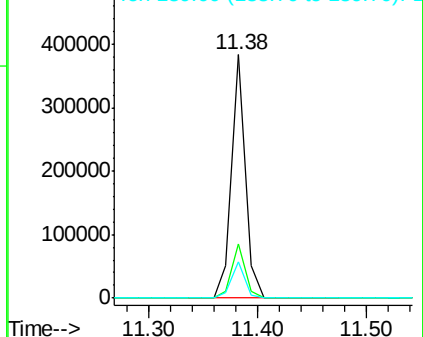


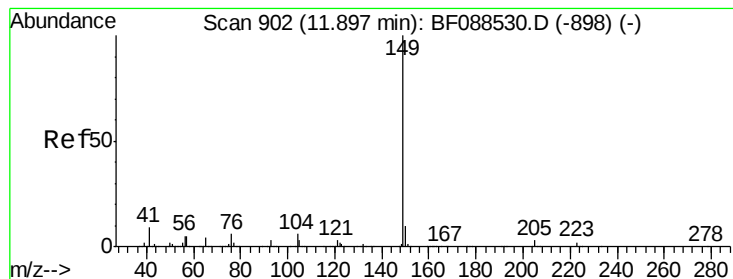
#72
 Carbazole
 Concen: 35.20 ng
 RT: 11.38 min Scan# 857
 Delta R.T. -0.00 min
 Lab File: BF089083.D
 Acq: 18 Jul 2016 14:38

Tgt Ion:167 Resp: 334931
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.8 26.6
 139 14.7 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: 40.23 ng

RT: 11.72 min Scan# 887

Delta R.T. -0.00 min

Lab File: BF089083.D

Acq: 18 Jul 2016 14:38

Instrument :

BNA_F

ClientSampleId :

PB92185BS

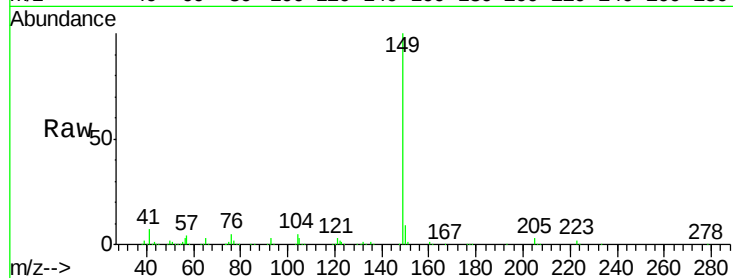
Tot Ion:149 Resp: 445349

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

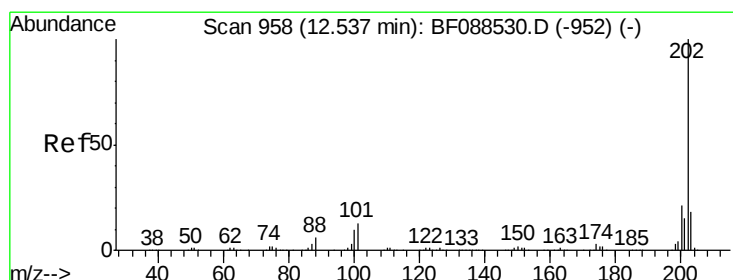
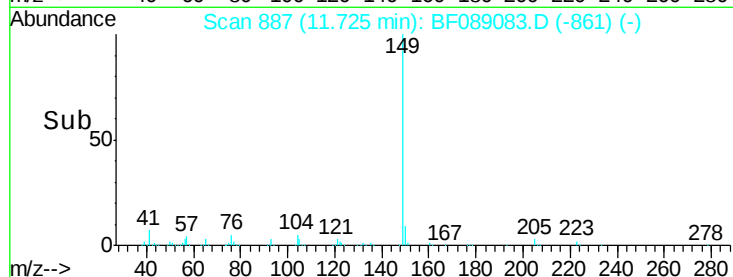
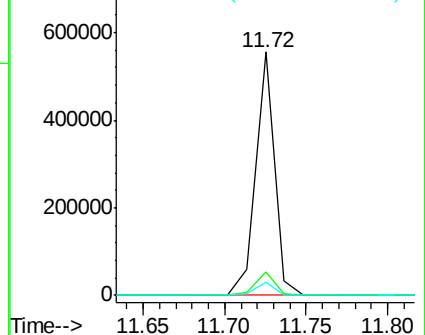
104 5.4 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.50 ng

RT: 12.35 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF089083.D

Acq: 18 Jul 2016 14:38

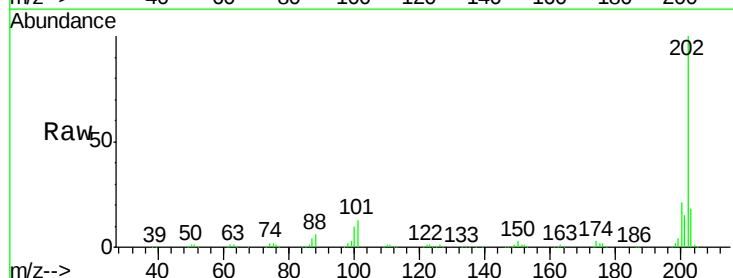
Tgt Ion:202 Resp: 407190

Ion Ratio Lower Upper

202 100

101 12.9 0.0 33.1

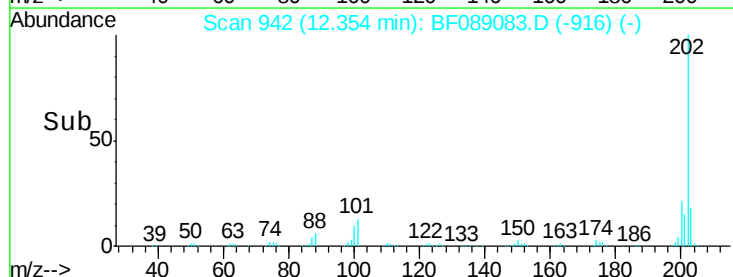
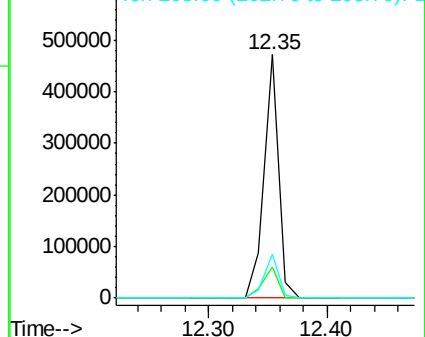
203 18.0 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.77 min Scan# 1066

Delta R.T. -0.00 min

Lab File: BF089083.D

Acq: 18 Jul 2016 14:38

Instrument :

BNA_F

ClientSampleId :

PB92185BS

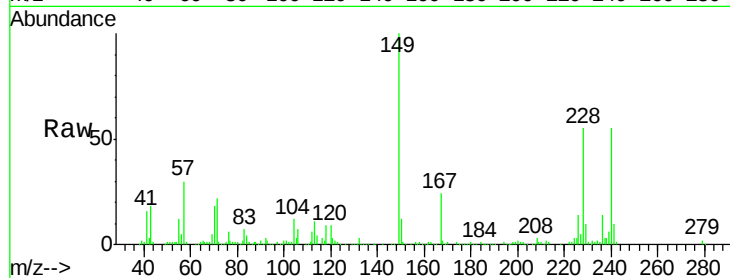
Tot Ion:240 Resp: 129795

Ion Ratio Lower Upper

240 100

120 16.4 6.8 10.2#

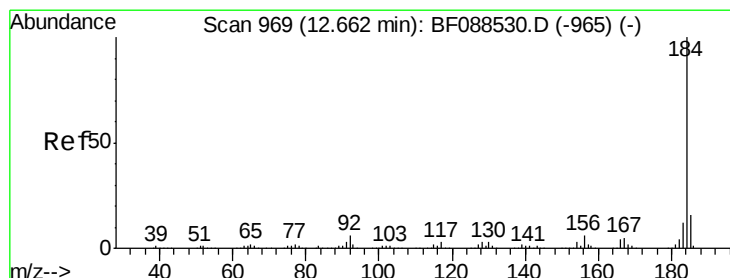
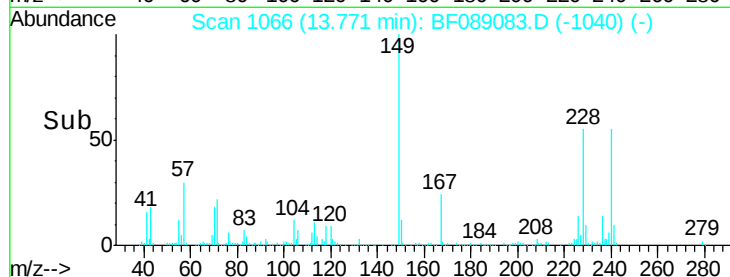
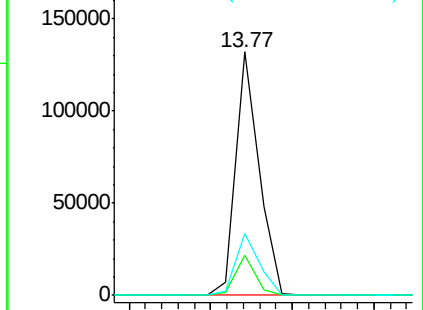
236 25.6 20.2 30.2



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: 30.42 ng

RT: 12.48 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF089083.D

Acq: 18 Jul 2016 14:38

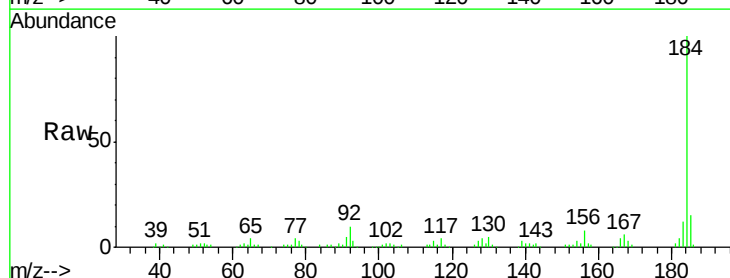
Tgt Ion:184 Resp: 199582

Ion Ratio Lower Upper

184 100

185 15.0 12.5 18.7

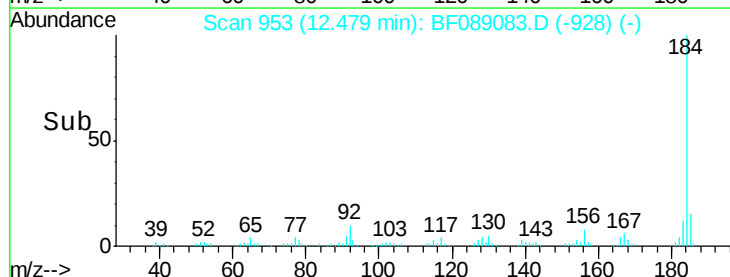
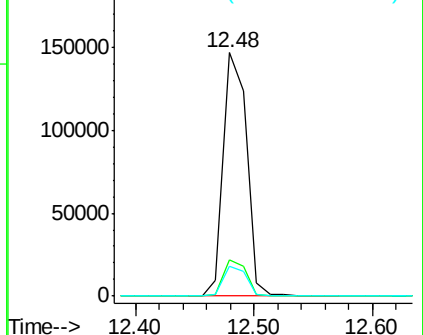
183 12.1 9.3 13.9



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: 41.23 ng

RT: 12.58 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF089083.D

Acq: 18 Jul 2016 14:38

Instrument :

BNA_F

ClientSampleId :

PB92185BS

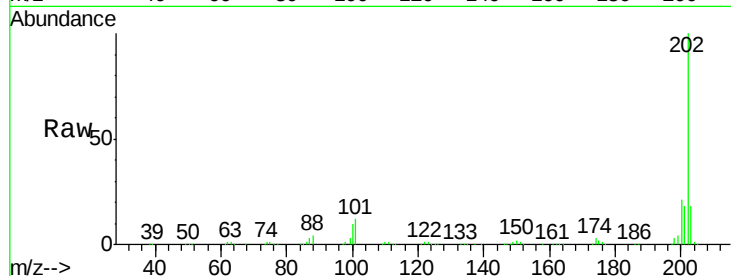
Tot Ion:202 Resp: 453772

Ion Ratio Lower Upper

202 100

200 21.2 17.4 26.2

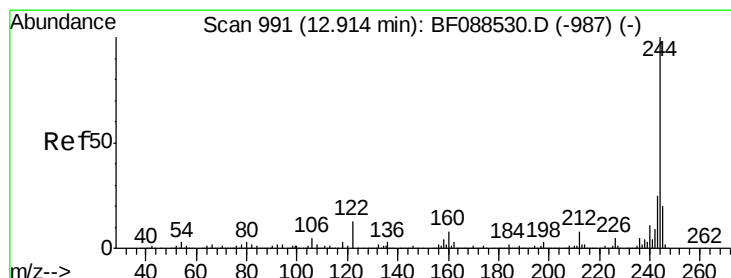
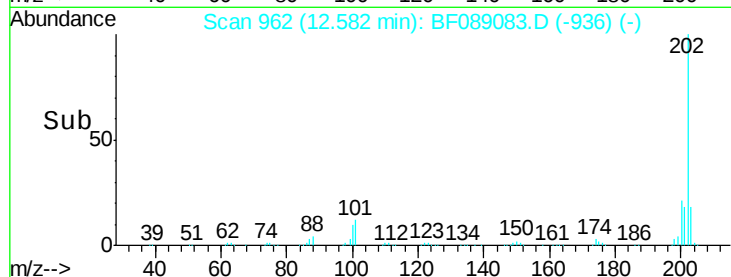
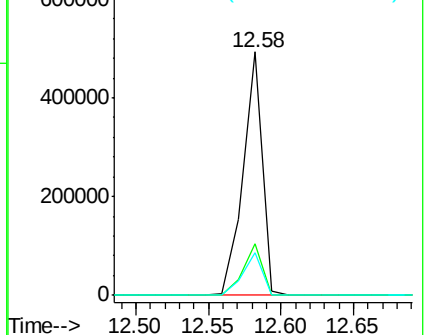
203 17.6 14.5 21.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 74.28 ng

RT: 12.73 min Scan# 975

Delta R.T. -0.00 min

Lab File: BF089083.D

Acq: 18 Jul 2016 14:38

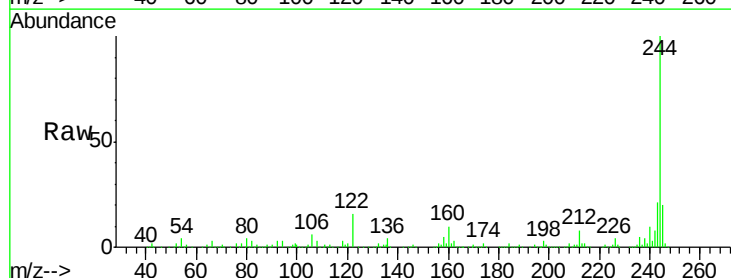
Tgt Ion:244 Resp: 432849

Ion Ratio Lower Upper

244 100

212 8.3 6.0 9.0

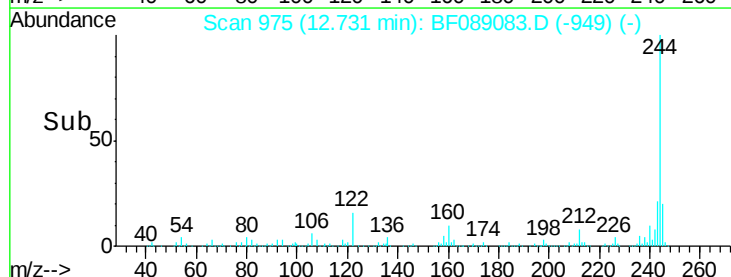
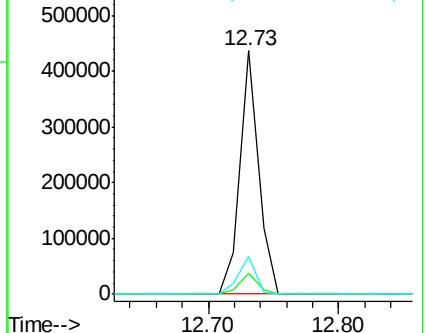
122 15.6 11.2 16.8

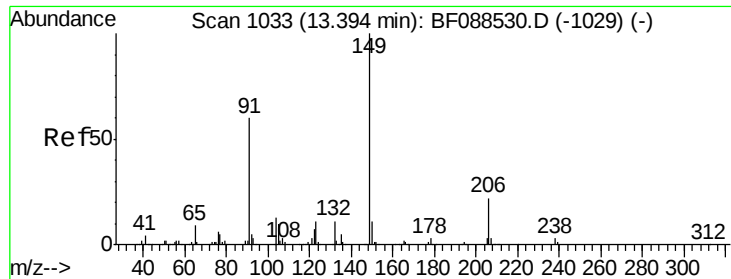


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 39.66 ng

RT: 13.21 min Scan# 1017

Delta R.T. -0.00 min

Lab File: BF089083.D

Acq: 18 Jul 2016 14:38

Instrument :

BNA_F

ClientSampleId :

PB92185BS

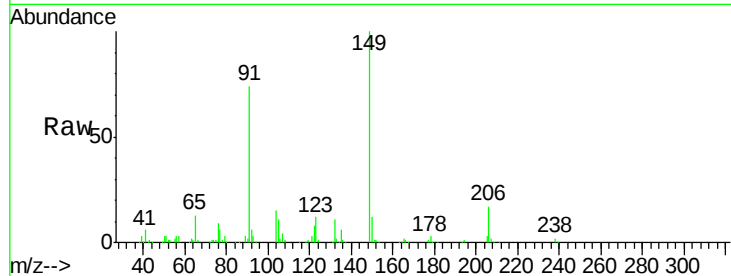
Tot Ion:149 Resp: 194685

Ion Ratio Lower Upper

149 100

91 73.5 48.0 72.0#

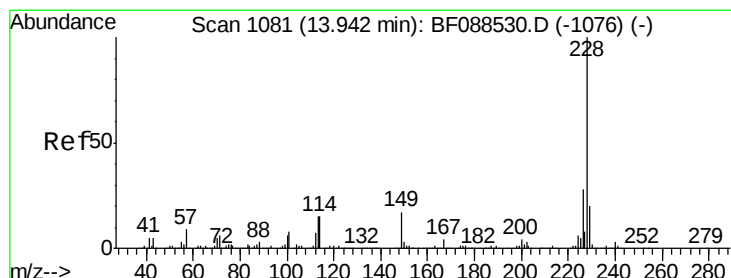
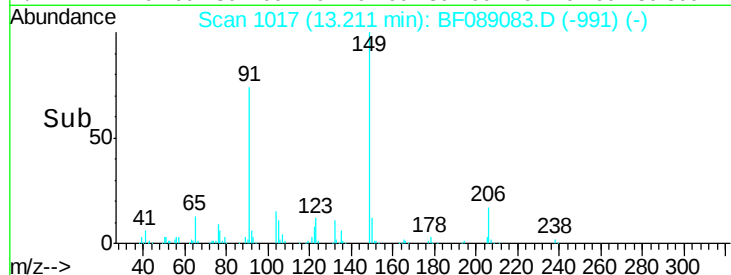
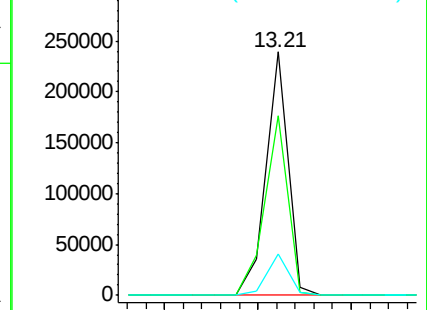
206 17.2 16.0 24.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 38.80 ng

RT: 13.76 min Scan# 1065

Delta R.T. -0.00 min

Lab File: BF089083.D

Acq: 18 Jul 2016 14:38

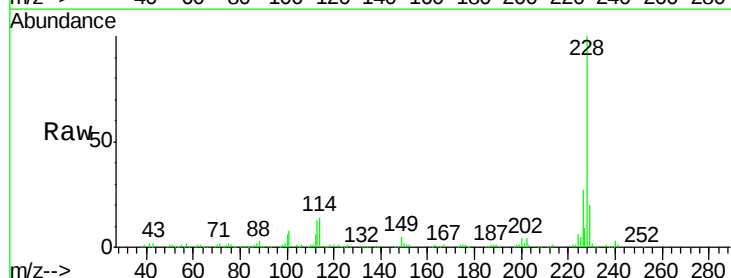
Tgt Ion:228 Resp: 324241

Ion Ratio Lower Upper

228 100

226 26.8 22.3 33.5

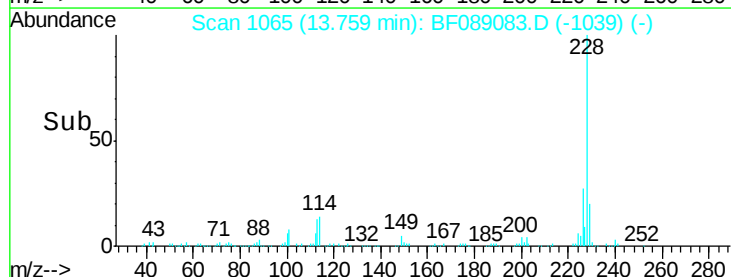
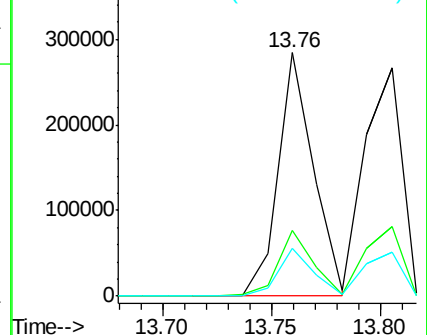
229 19.7 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

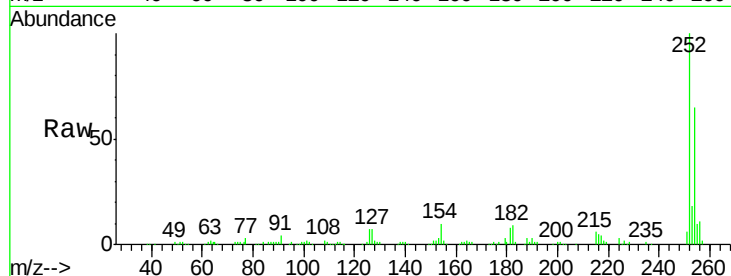




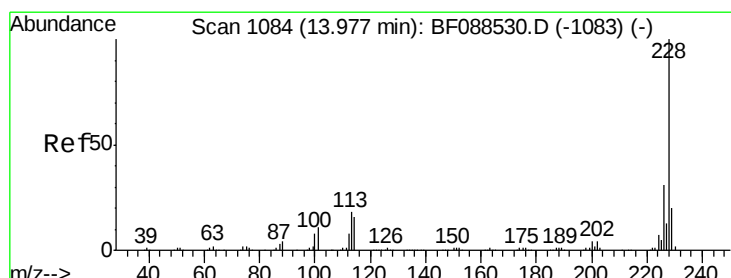
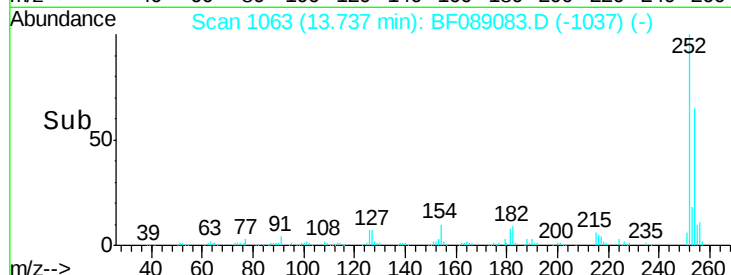
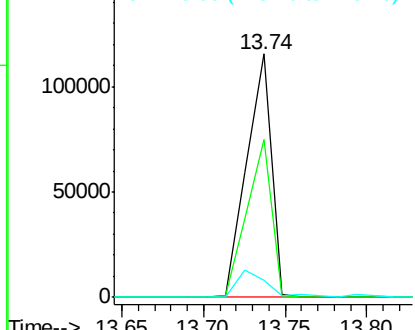
#81
 3,3'-Dichlorobenzidine
 Concen: 38.72 ng
 RT: 13.74 min Scan# 1063
 Delta R.T. -0.00 min
 Lab File: BF089083.D
 Acq: 18 Jul 2016 14:38

Instrument :
 BNA_F
 ClientSampleId :
 PB92185BS

Tot Ion:252 Resp: 121658
 Ion Ratio Lower Upper
 252 100
 254 64.6 52.6 78.8
 126 7.1 6.2 9.2

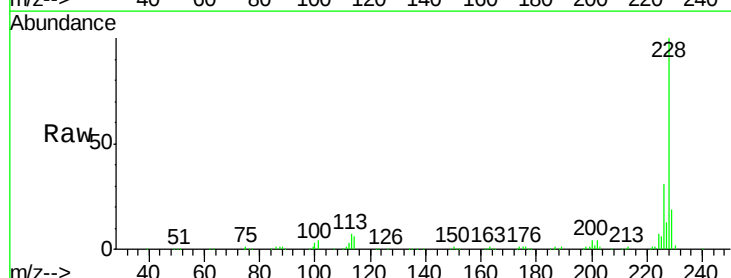


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

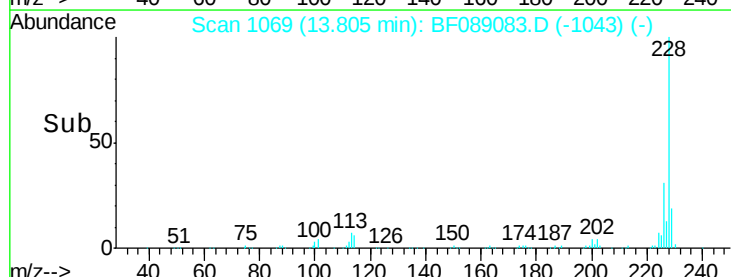
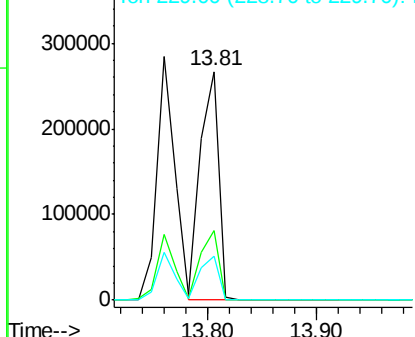


#82
 Chrysene
 Concen: 38.44 ng
 RT: 13.81 min Scan# 1069
 Delta R.T. -0.00 min
 Lab File: BF089083.D
 Acq: 18 Jul 2016 14:38

Tgt Ion:228 Resp: 317868
 Ion Ratio Lower Upper
 228 100
 226 30.6 25.4 38.2
 229 19.2 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.37 ng

RT: 13.77 min Scan# 1066

Delta R.T. -0.00 min

Lab File: BF089083.D

Acq: 18 Jul 2016 14:38

Instrument :

BNA_F

ClientSampleId :

PB92185BS

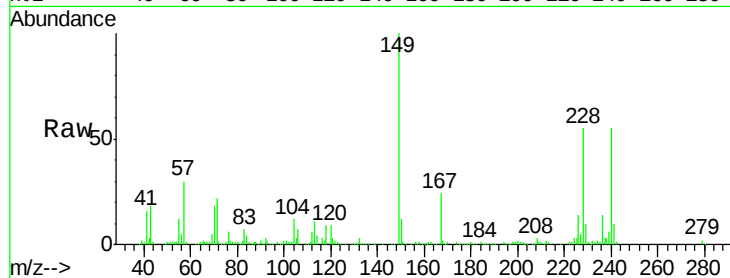
Tot Ion:149 Resp: 237465

Ion Ratio Lower Upper

149 100

167 23.8 20.5 30.7

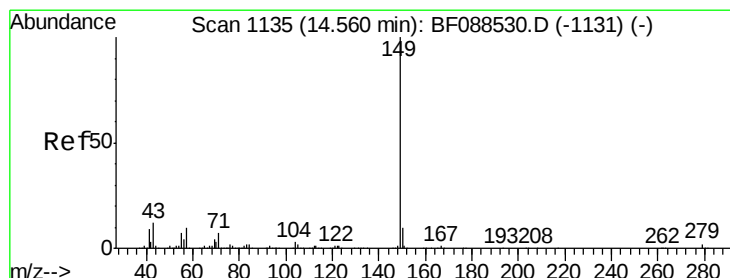
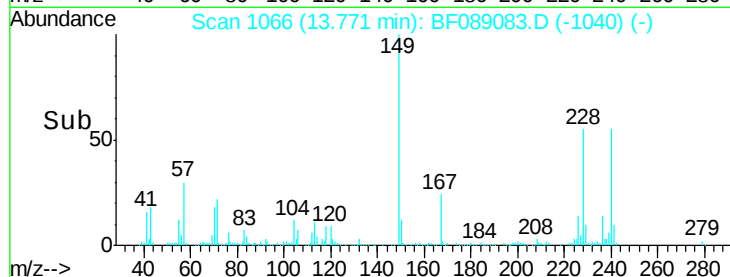
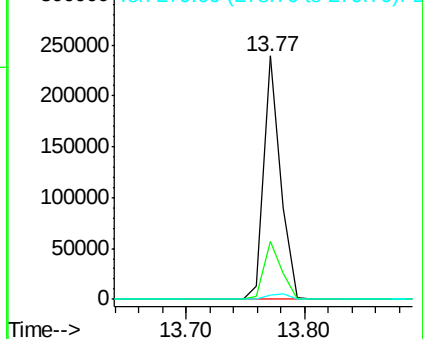
279 2.0 2.0 3.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 39.37 ng

RT: 14.39 min Scan# 1120

Delta R.T. 0.01 min

Lab File: BF089083.D

Acq: 18 Jul 2016 14:38

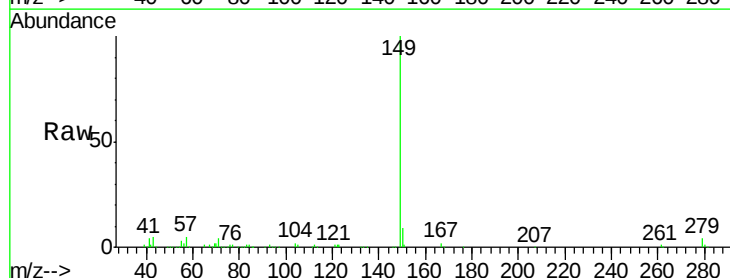
Tgt Ion:149 Resp: 374871

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

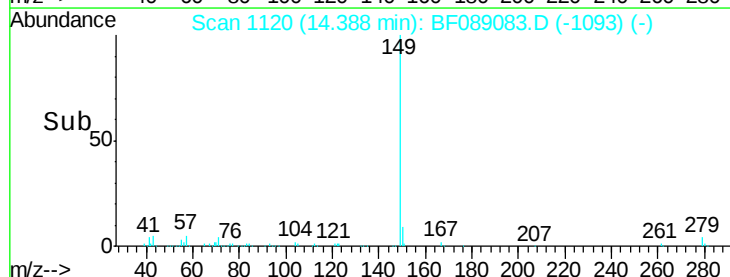
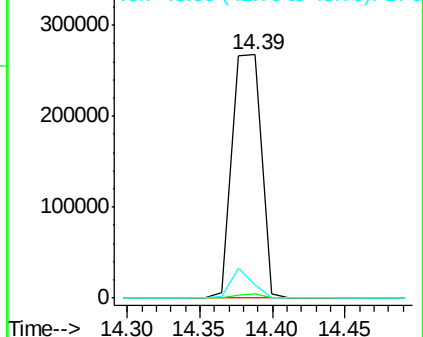
43 9.2 0.0 0.0#

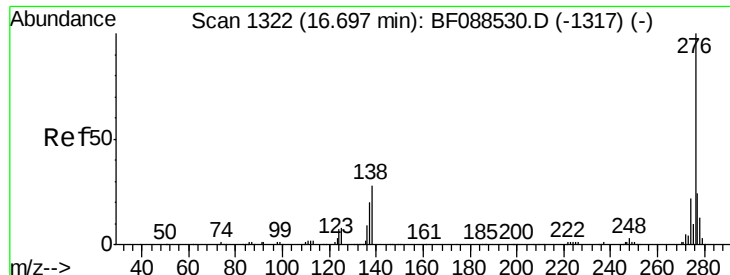


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

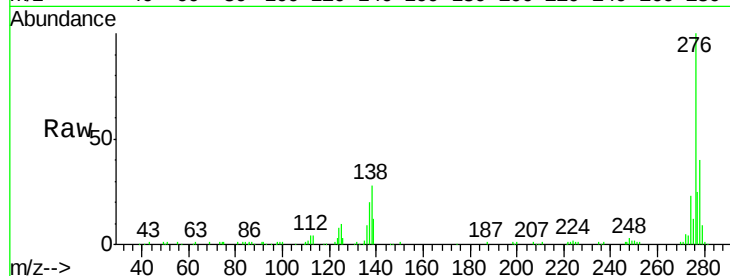




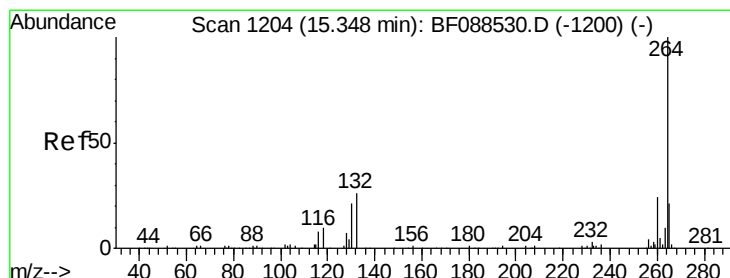
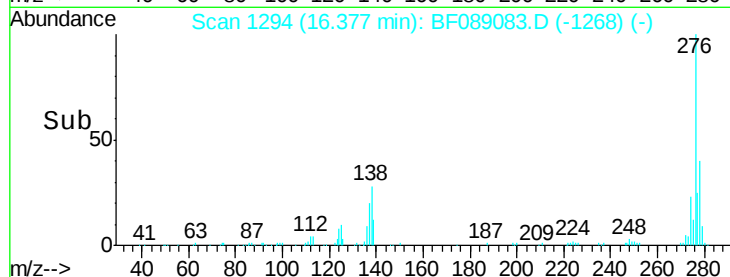
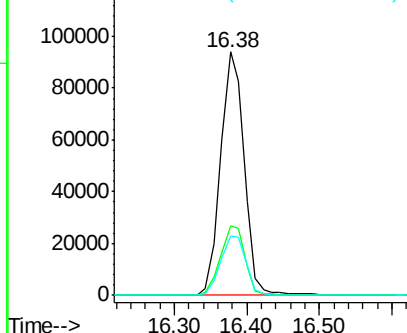
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.29 ng
 RT: 16.38 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: BF089083.D
 Acq: 18 Jul 2016 14:38

Instrument :
 BNA_F
 ClientSampleId :
 PB92185BS

Tot Ion:276 Resp: 211798
 Ion Ratio Lower Upper
 276 100
 138 29.6 0.0 0.0#
 277 26.1 0.0 0.0#

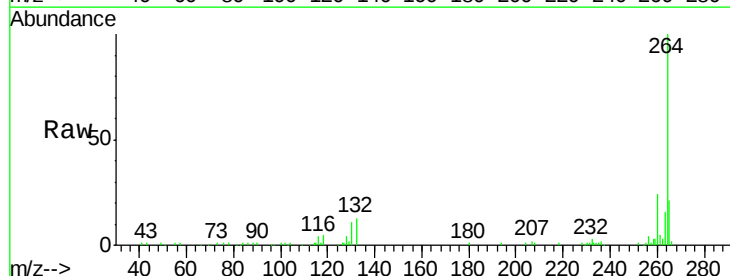


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

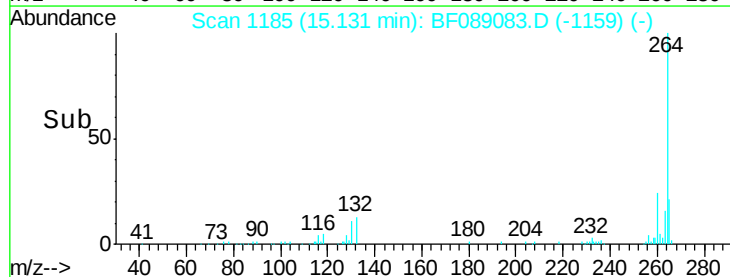
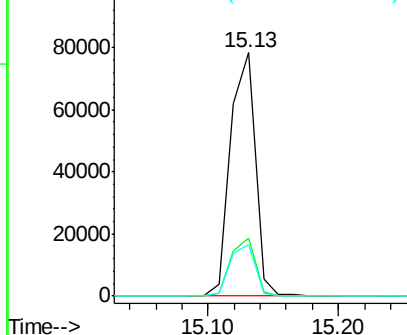


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.13 min Scan# 1185
 Delta R.T. -0.00 min
 Lab File: BF089083.D
 Acq: 18 Jul 2016 14:38

Tgt Ion:264 Resp: 103512
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.2 16.9 25.3



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





#87

Benzo(b)fluoranthene

Concen: 48.14 ng m

RT: 14.77 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BF089083.D

Acq: 18 Jul 2016 14:38

Instrument :

BNA_F

ClientSampleId :

PB92185BS

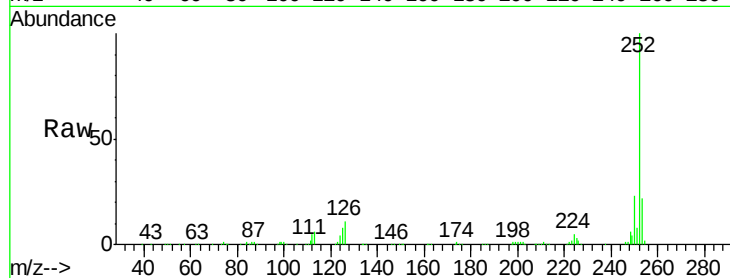
Tot Ion:252 Resp: 312598

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

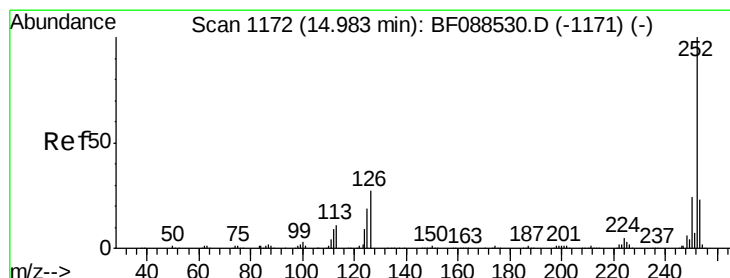
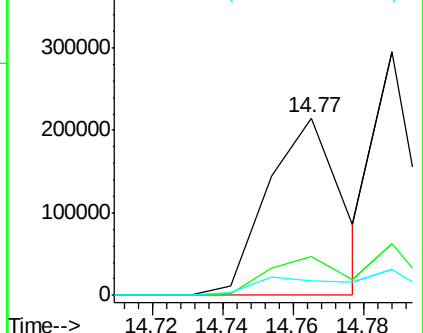
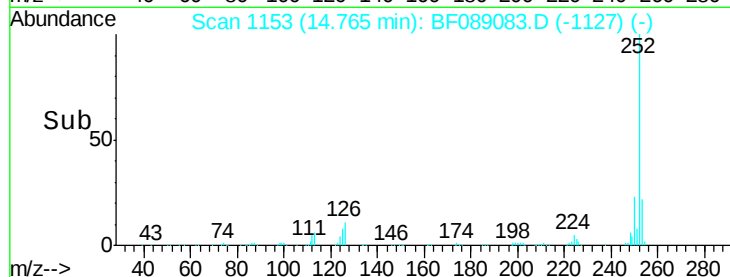
125 8.4 7.1 10.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 39.26 ng m

RT: 14.79 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BF089083.D

Acq: 18 Jul 2016 14:38

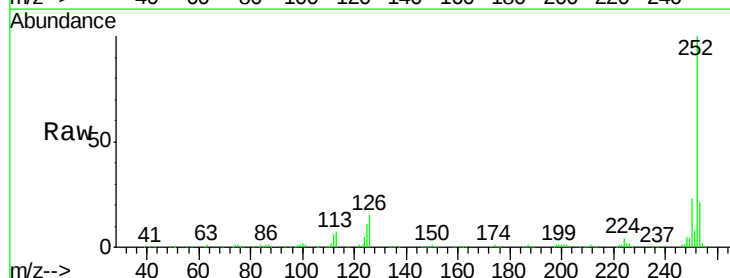
Tgt Ion:252 Resp: 221916

Ion Ratio Lower Upper

252 100

253 21.4 18.0 27.0

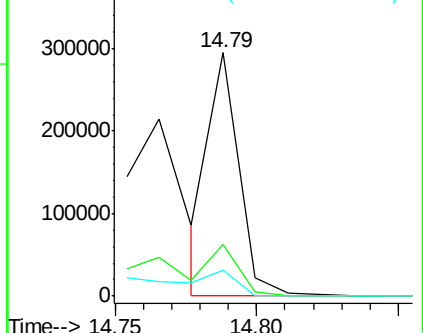
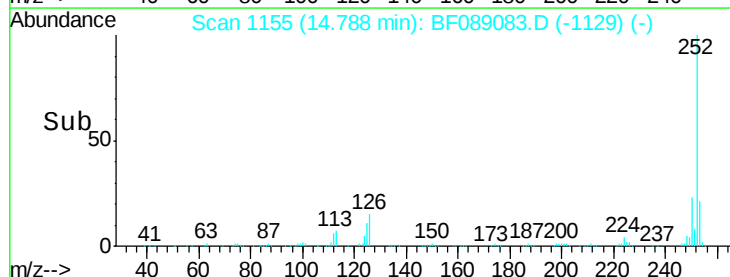
125 10.7 11.2 16.8#

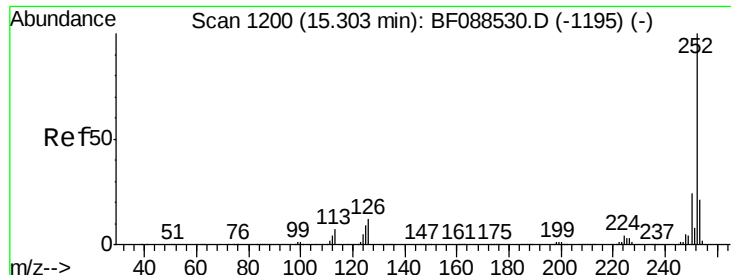


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

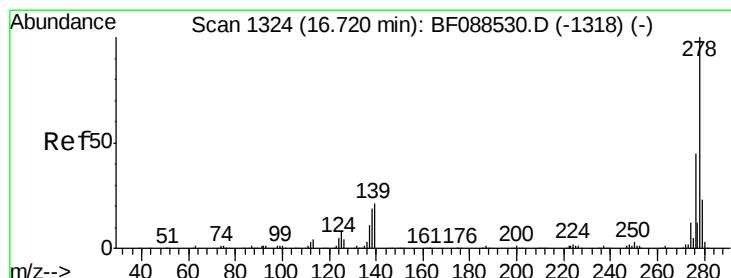
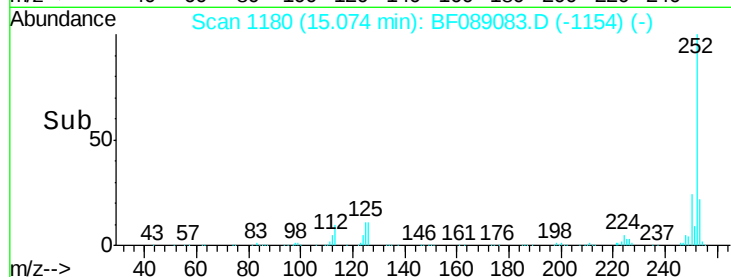
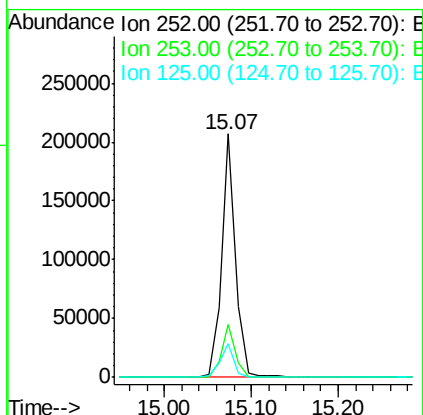
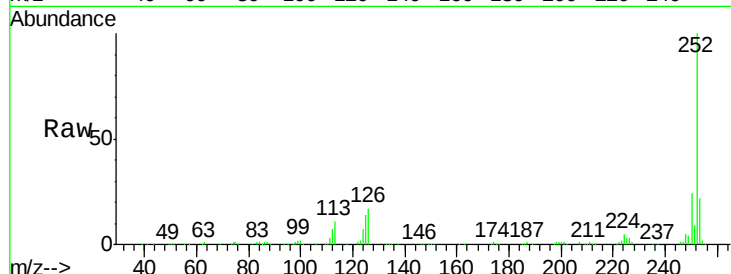




#89
Benzo(a)pyrene
Concen: 42.10 ng
RT: 15.07 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BF089083.D
Acq: 18 Jul 2016 14:38

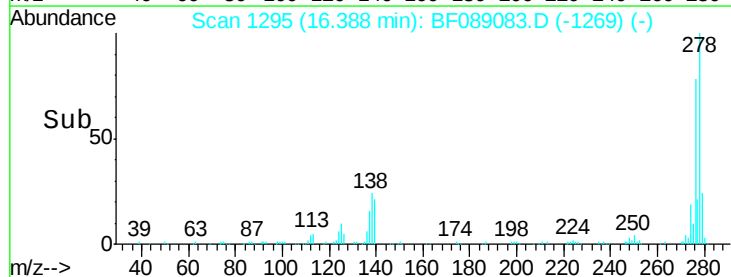
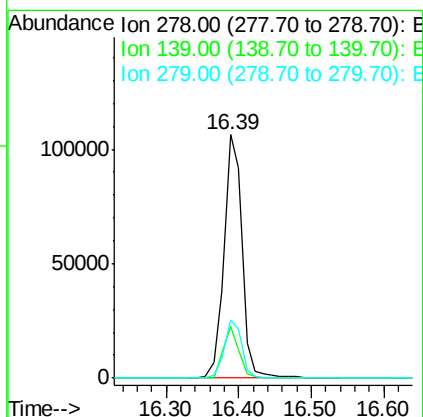
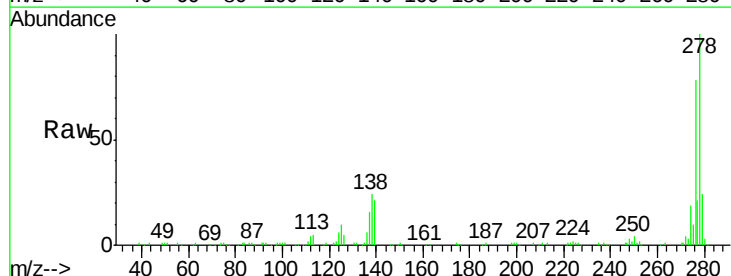
Instrument :
BNA_F
ClientSampled :
PB92185BS

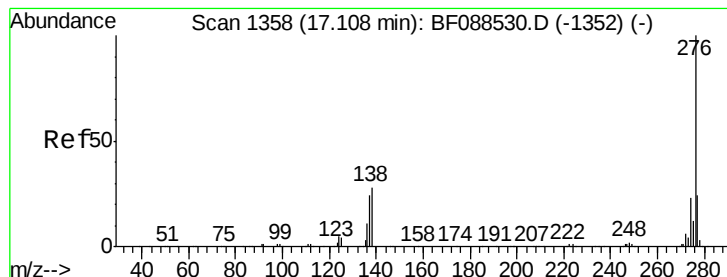
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	13.8	12.5	18.7



#90
Dibenzo(a,h)anthracene
Concen: 40.06 ng
RT: 16.39 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BF089083.D
Acq: 18 Jul 2016 14:38

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.1	15.7	23.5
279	23.8	19.4	29.2





#91

Benzo(a,h,i)perylene

Concen: 38.58 ng

RT: 16.75 min Scan# 1327

Delta R.T. -0.00 min

Lab File: BF089083.D

Acq: 18 Jul 2016 14:38

Instrument :

BNA_F

ClientSampleId :

PB92185BS

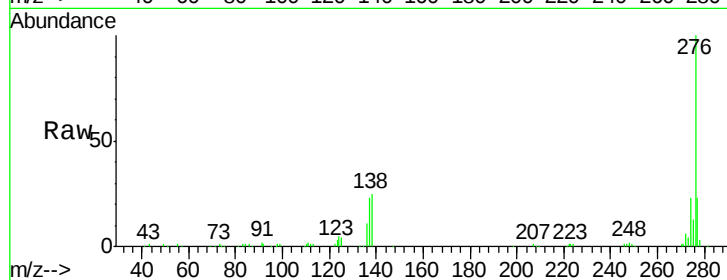
Tot Ion: 276 Resp: 183265

Ion Ratio Lower Upper

276 100

277 23.3 18.9 28.3

138 25.2 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

