

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
 Data File : BF088453.D
 Acq On : 27 Jun 2016 13:49
 Operator : UM/SJ
 Sample : PB91593BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 27 19:08:01 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 04:27:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	236895	20.00	ng	-0.16
21) Naphthalene-d8	7.83	136	296611	20.00	ng	-0.30
38) Acenaphthene-d10	9.58	164	139758	20.00	ng	-0.31
63) Phenanthrene-d10	11.05	188	266523	20.00	ng	-0.31
75) Chrysene-d12	13.68	240	220111	20.00	ng	-0.31
86) Perylene-d12	15.03	264	187883	20.00	ng	-0.37

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.13	112	485750	35.05	ng	-0.30
7) Phenol-d6	6.20	99	593886	35.36	ng	-0.27
23) Nitrobenzene-d5	7.12	82	379206	74.65	ng	-0.30
41) 2,4,6-Tribromophenol	10.36	330	135874	92.07	ng	-0.31
44) 2-Fluorobiphenyl	8.90	172	718890	80.51	ng	-0.31
78) Terphenyl-d14	12.63	244	710669	73.47	ng	-0.32

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Aniline	6.28	93	98428	4.12	ng	# 57
8) 2-Chlorophenol	6.33	128	106135	6.47	ng	84
9) Benzaldehyde	6.09	77	61672	4.66	ng	99
10) Phenol	6.23	94	122408	4.84	ng	91
11) bis(2-Chloroethyl)ether	6.28	93	98428	6.68	ng	86
12) 1,3-Dichlorobenzene	6.47	146	108192	6.15	ng	98
13) 1,4-Dichlorobenzene	6.71	146	108039	6.09	ng	97
14) 1,2-Dichlorobenzene	6.71	146	108039	6.70	ng	96
15) Benzyl Alcohol	6.71	79	74861	5.70	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.83	45	103770	5.22	ng	# 12
17) 2-Methylphenol	6.99	107	98819	7.43	ng	# 77
18) Hexachloroethane	7.04	117	39998	6.36	ng	90
19) n-Nitroso-di-n-propylamine	7.12	70	48847	4.55	ng	# 69
20) 3+4-Methylphenols	6.99	107	97770	6.30	ng	# 79
22) Acetophenone	6.96	105	144286	21.77	ng	# 97
24) Nitrobenzene	7.13	77	96125	19.54	ng	89
25) Isophorone	7.37	82	178203	18.94	ng	97
26) 2-Nitrophenol	7.45	139	53672	20.36	ng	91
27) 2,4-Dimethylphenol	7.51	122	97042	20.00	ng	95
28) bis(2-Chloroethoxy)methane	7.60	93	114700	19.66	ng	98
29) 2,4-Dichlorophenol	7.70	162	90312	22.29	ng	97
30) 1,2,4-Trichlorobenzene	7.77	180	92471	20.96	ng	98
31) Naphthalene	7.85	128	312916	21.32	ng	97
32) Benzoic acid	7.51	122	97042	36.32	ng	# 13
33) 4-Chloroaniline	7.92	127	69088	10.54	ng	# 94
34) Hexachlorobutadiene	7.96	225	48931	21.03	ng	97
35) Caprolactam	8.28	113	27259	20.31	ng	# 68
36) 4-Chloro-3-methylphenol	8.42	107	88113	20.33	ng	89
37) 2-Methylnaphthalene	8.54	142	206383	21.33	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	88115	20.20	ng	# 1
40) Hexachlorocyclopentadiene	8.68	237	23632	10.48	ng	99
42) 2,4,6-Trichlorophenol	8.83	196	48184	17.24	ng	96
43) 2,4,5-Trichlorophenol	8.88	196	53372	18.36	ng	# 83
45) 1,1'-Biphenyl	9.00	154	258056	21.34	ng	96

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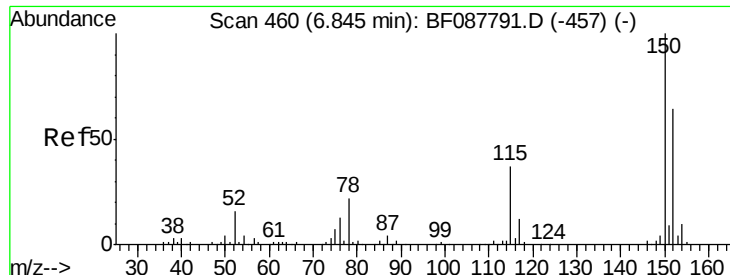
Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

46) 2-Chloronaphthalene	9.03	162	201237	22.25	nq	94
47) 2-Nitroaniline	9.14	65	54183	20.31	nq	# 68
48) Acenaphthylene	9.43	152	313393	21.79	nq	99
49) Dimethylphthalate	9.31	163	237977	23.51	nq	99
50) 2,6-Dinitrotoluene	9.38	165	53697	23.16	nq	95
51) Acenaphthene	9.60	154	180852	20.15	nq	99
52) 3-Nitroaniline	9.55	138	41609	15.55	nq	87
53) 2,4-Dinitrophenol	9.75	184	4037	6.93	nq	# 43
54) Dibenzofuran	9.78	168	277207	22.43	nq	93
55) 4-Nitrophenol	9.78	139	152349	73.37	nq	# 15
56) 2,4-Dinitrotoluene	9.79	165	66957	22.47	nq	96
57) Fluorene	10.11	166	215419	23.48	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.87	232	20792	9.10	nq	# 56
59) Diethylphthalate	10.01	149	247883	24.19	nq	99
60) 4-Chlorophenyl-phenylether	10.11	204	97540	23.73	nq	98
61) 4-Nitroaniline	10.17	138	54301	21.40	nq	96
62) Azobenzene	10.27	77	232232	22.92	nq	96
64) 4,6-Dinitro-2-methylphenol	10.22	198	5628	5.39	nq	82
65) n-Nitrosodiphenylamine	10.24	169	203215	22.98	nq	99
66) 4-Bromophenyl-phenylether	10.60	248	60678	21.22	nq	93
67) Hexachlorobenzene	10.66	284	65298	21.98	nq	93
68) Atrazine	10.78	200	61161	22.84	nq	97
69) Pentachlorophenol	10.88	266	18967	12.11	nq	96
70) Phenanthrene	11.07	178	319065	22.81	nq	98
71) Anthracene	11.12	178	347236	24.61	nq	98
72) Carbazole	11.29	167	325703	24.67	nq	99
73) Di-n-butylphthalate	11.62	149	378036	22.62	nq	99
74) Fluoranthene	12.25	202	334182	22.64	nq	99
76) Benzidine	12.39	184	250278	41.07	nq	99
77) Pyrene	12.48	202	345916	21.18	nq	98
79) Butylbenzylphthalate	13.11	149	164242	22.74	nq	99
80) Benzo(a)anthracene	13.67	228	261648	20.86	nq	98
81) 3,3'-Dichlorobenzidine	13.63	252	51057	15.14	nq	# 96
82) Chrysene	13.70	228	302953	25.67	nq	98
83) Bis(2-ethylhexyl)phthalate	13.67	149	201038	22.87	nq	100
84) Di-n-octyl phthalate	14.27	149	358123	25.07	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.25	276	214956	19.61	nq	# 100
87) Benzo(b)fluoranthene	14.70	252	517695	39.53	nq	100
88) Benzo(k)fluoranthene	14.70	252	518617	52.50	nq	# 94
89) Benzo(a)pyrene	14.97	252	241059	22.75	nq	98
90) Dibenzo(a,h)anthracene	16.25	278	178133	18.10	nq	99
91) Benzo(g,h,i)perylene	16.62	276	177838	17.57	nq	97

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

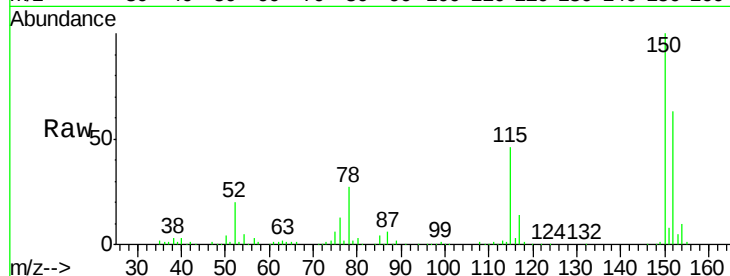


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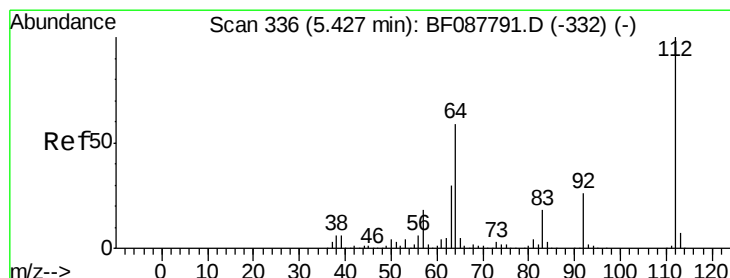
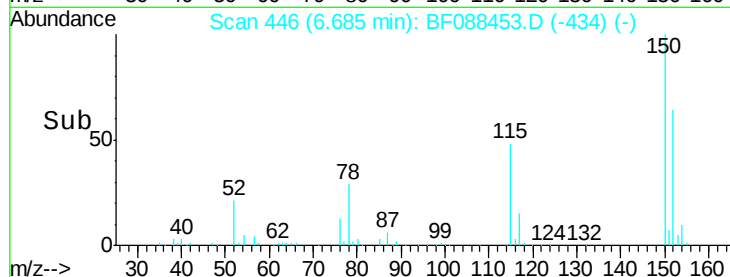
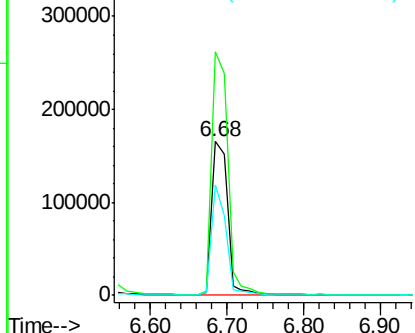
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 446
Delta R.T. -0.16 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 236895
Ion Ratio Lower Upper
152 100
150 158.3 123.8 185.6
115 72.2 39.6 59.4#



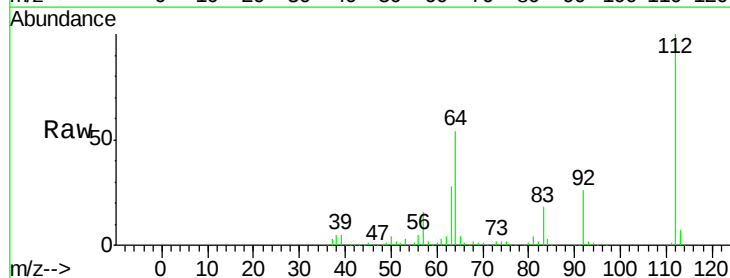
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



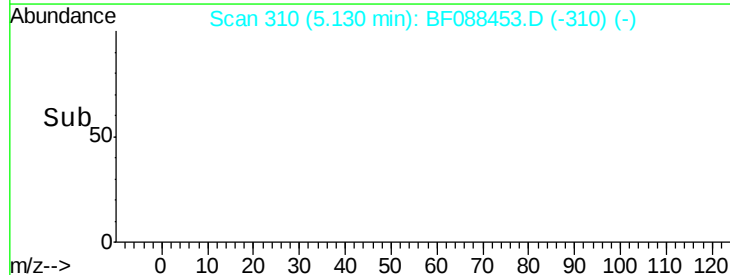
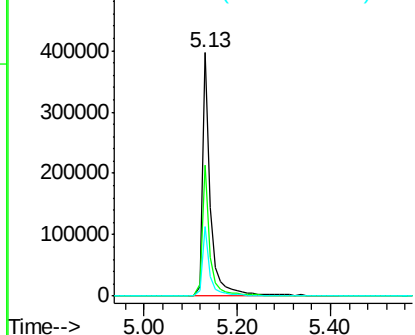
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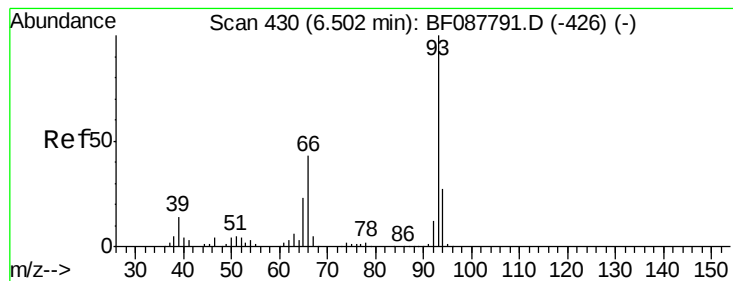
2-Fluorophenol
Concen: 35.05 ng
RT: 5.13 min Scan# 310
Delta R.T. -0.30 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Tgt Ion:112 Resp: 485750
Ion Ratio Lower Upper
112 100
64 54.0 42.2 63.2
63 28.4 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: 4.12 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.22 min

Lab File: BF088453.D

Acq: 27 Jun 2016 13:49

Instrument :

BNA_F

ClientSampleId :

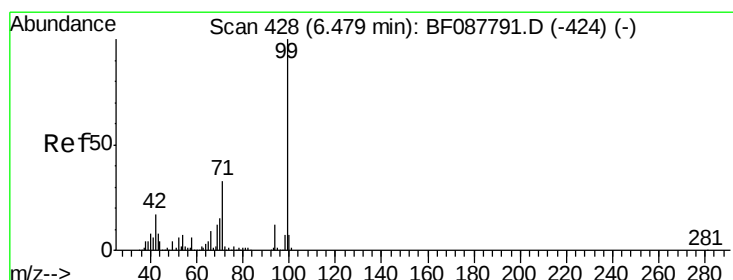
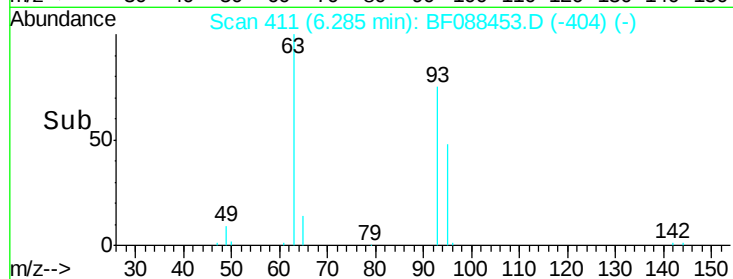
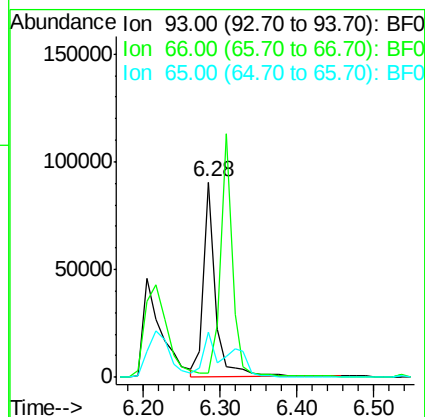
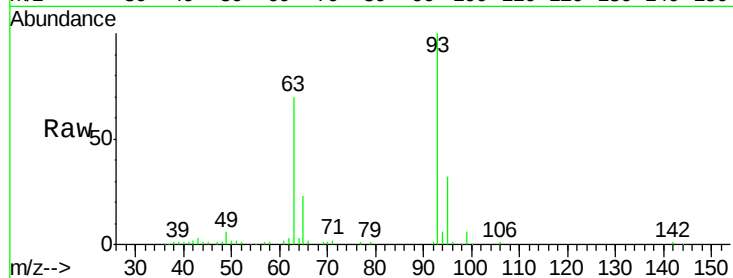
Tot Ion: 93 Resp: 98428

Ion Ratio Lower Upper

93 100

66 2.0 29.8 44.8#

65 22.9 14.9 22.3#



#7

Phenol-d6

Concen: 35.36 ng

RT: 6.20 min Scan# 404

Delta R.T. -0.27 min

Lab File: BF088453.D

Acq: 27 Jun 2016 13:49

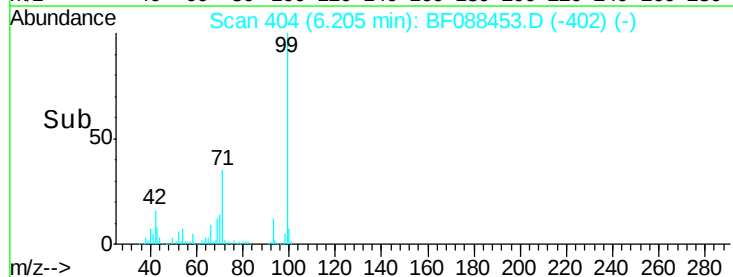
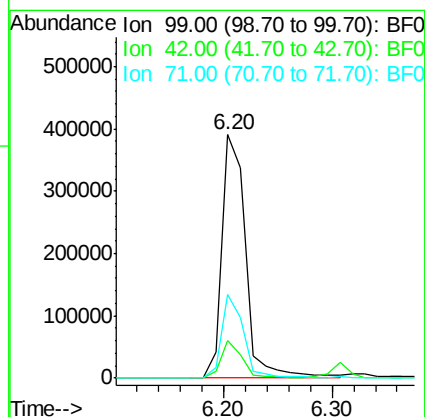
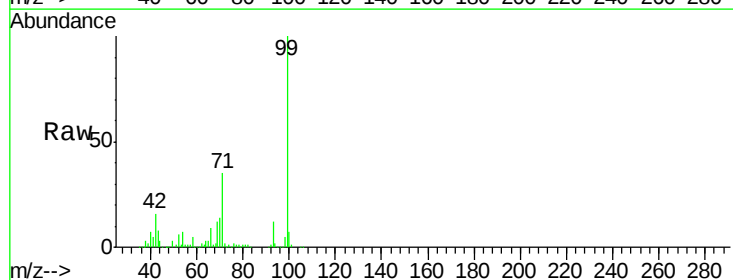
Tgt Ion: 99 Resp: 593886

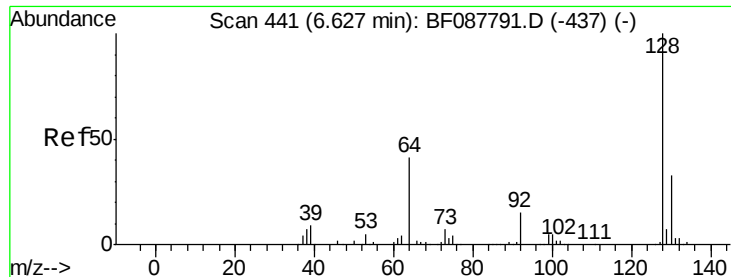
Ion Ratio Lower Upper

99 100

42 15.5 12.2 18.2

71 34.6 23.4 35.0





#8

2-Chlorophenol

Concen: 6.47 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.30 min

Lab File: BF088453.D

Acq: 27 Jun 2016 13:49

Instrument :

BNA_F

ClientSampleId :

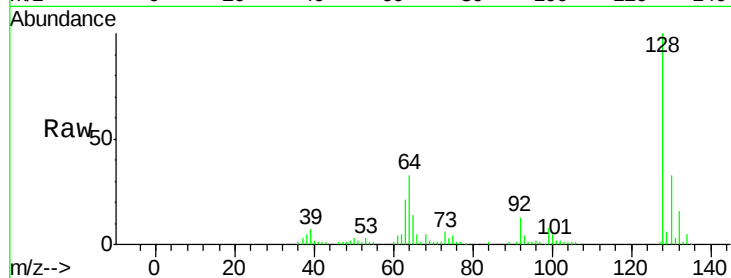
Tot Ion:128 Resp: 106135

Ion Ratio Lower Upper

128 100

130 32.8 12.0 52.0

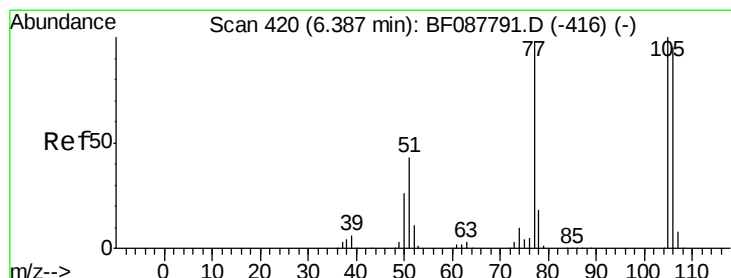
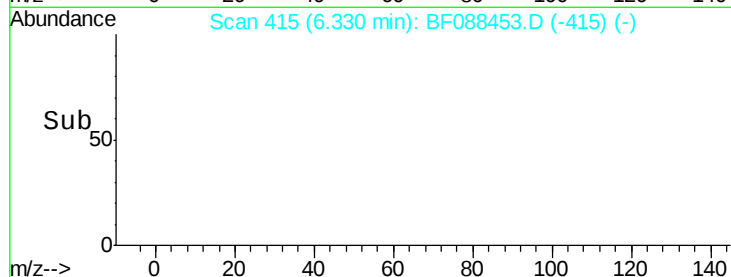
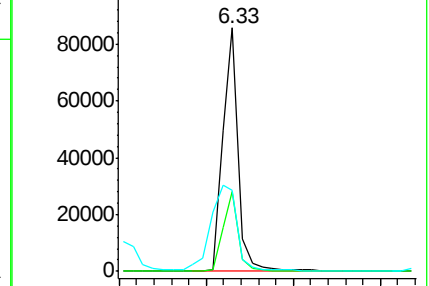
64 33.3 30.8 70.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): E



#9

Benzaldehyde

Concen: 4.66 ng

RT: 6.09 min Scan# 394

Delta R.T. -0.30 min

Lab File: BF088453.D

Acq: 27 Jun 2016 13:49

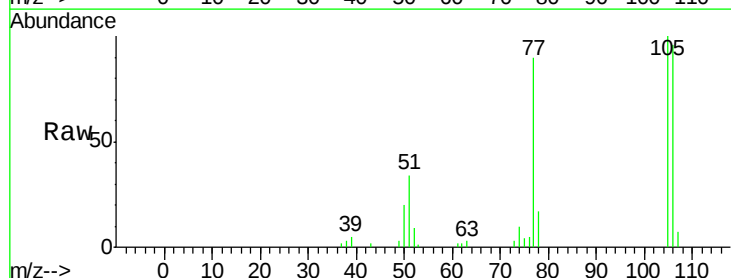
Tgt Ion: 77 Resp: 61672

Ion Ratio Lower Upper

77 100

105 111.4 90.6 130.6

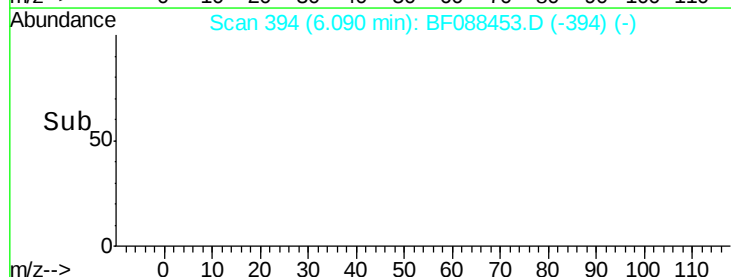
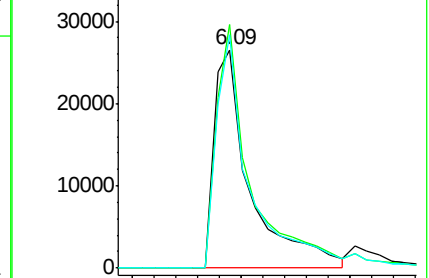
106 106.5 85.3 125.3

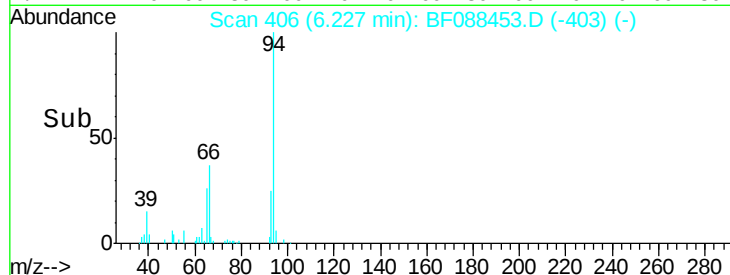
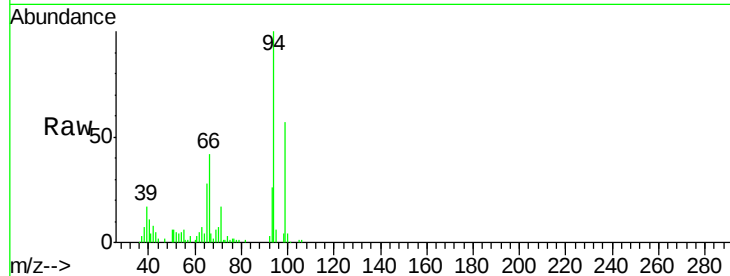
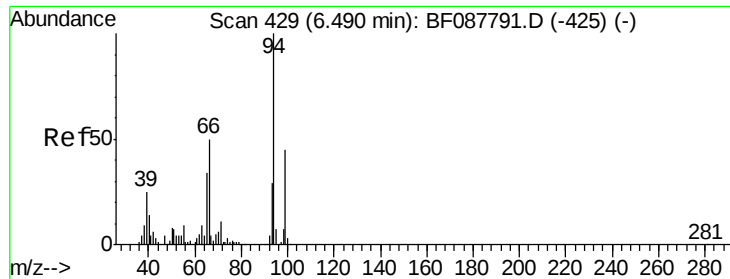


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 4.84 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.26 min

Lab File: BF088453.D

Acq: 27 Jun 2016 13:49

Instrument :

BNA_F

ClientSampleId :

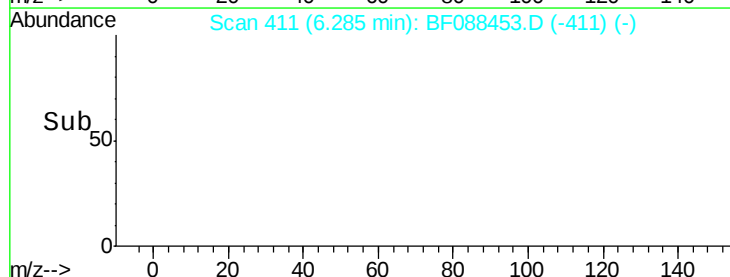
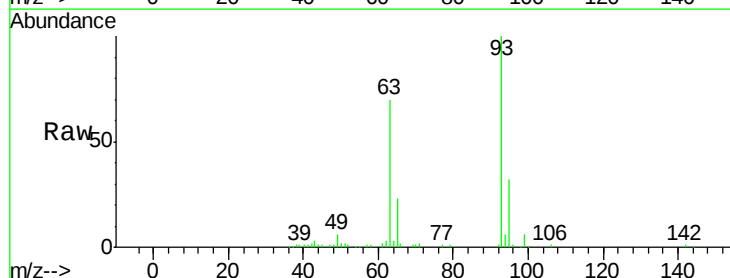
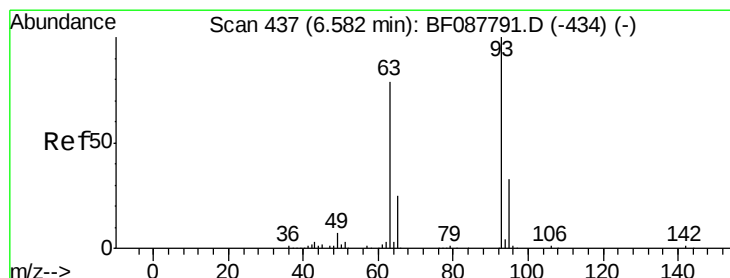
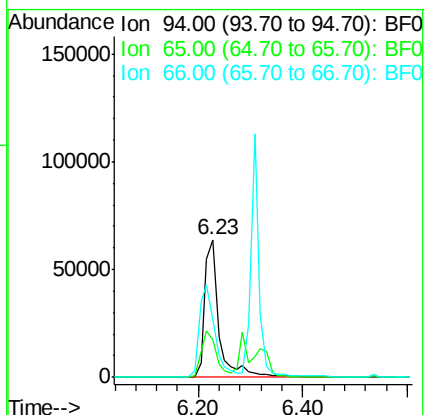
Tot Ion: 94 Resp: 122408

Ion Ratio Lower Upper

94 100

65 27.5 5.9 45.9

66 41.7 14.0 54.0



#11

bis(2-Chloroethyl)ether

Concen: 6.68 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.30 min

Lab File: BF088453.D

Acq: 27 Jun 2016 13:49

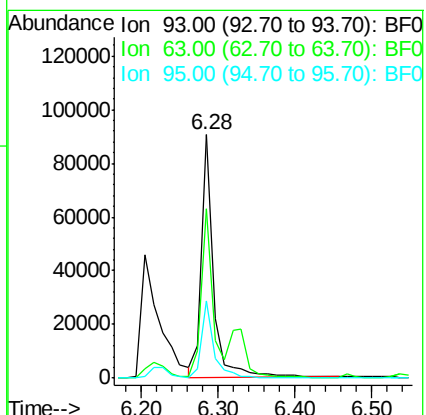
Tgt Ion: 93 Resp: 98428

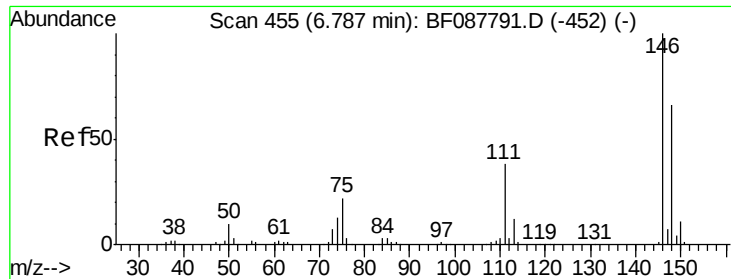
Ion Ratio Lower Upper

93 100

63 69.5 67.6 107.6

95 31.9 12.5 52.5

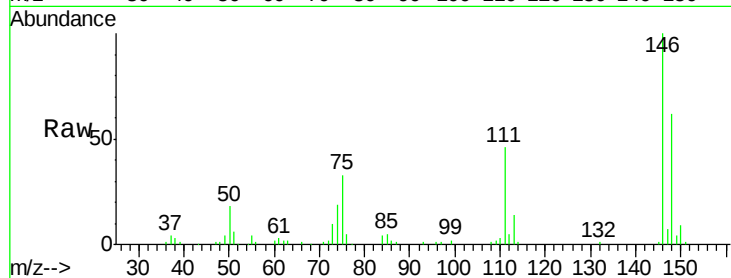




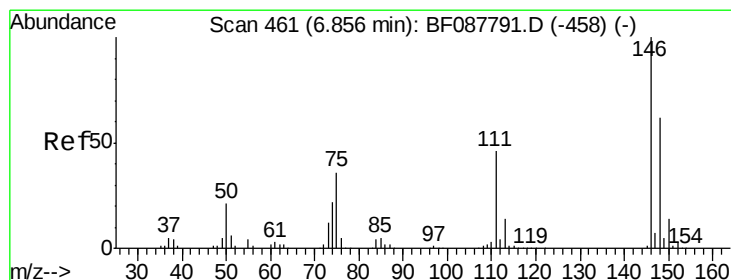
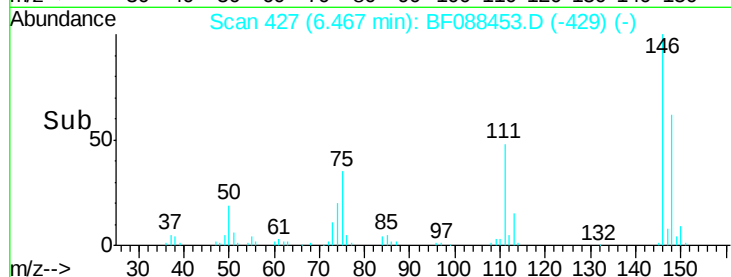
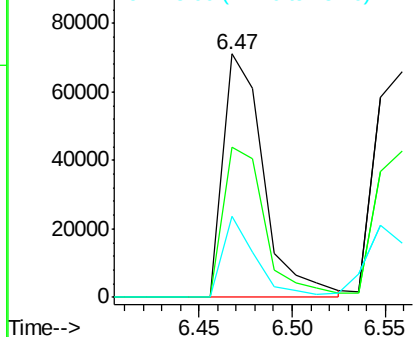
#12
 1,3-Dichlorobenzene
 Concen: 6.15 ng
 RT: 6.47 min Scan# 427
 Delta R.T. -0.32 min
 Lab File: BF088453.D
 Acq: 27 Jun 2016 13:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.7	50.9	76.3
75	33.0	25.6	38.4

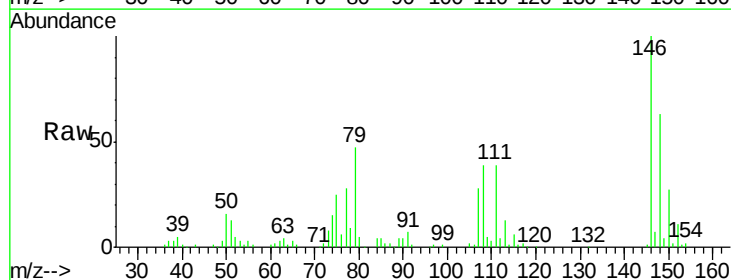


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

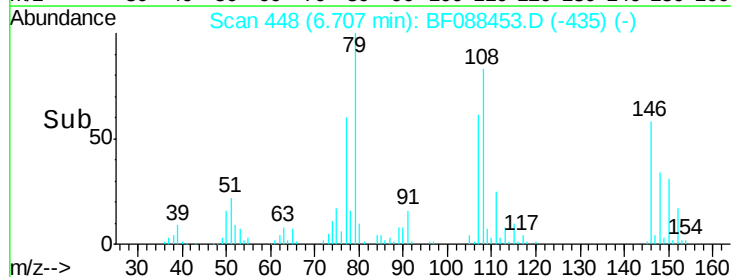
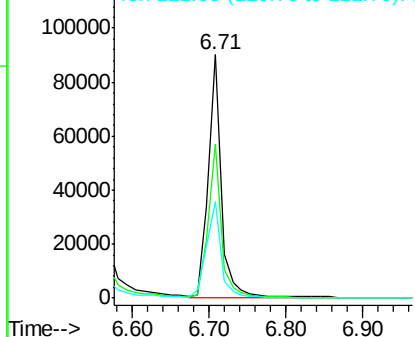


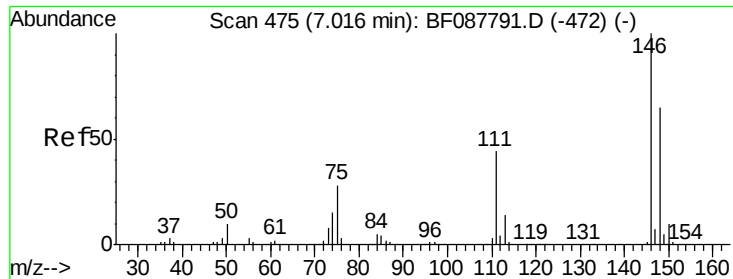
#13
 1,4-Dichlorobenzene
 Concen: 6.09 ng
 RT: 6.71 min Scan# 448
 Delta R.T. -0.15 min
 Lab File: BF088453.D
 Acq: 27 Jun 2016 13:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	52.0	78.0
111	39.5	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: 6.70 ng

RT: 6.71 min Scan# 448

Delta R.T. -0.31 min

Lab File: BF088453.D

Acq: 27 Jun 2016 13:49

Instrument :

BNA_F

ClientSampled :

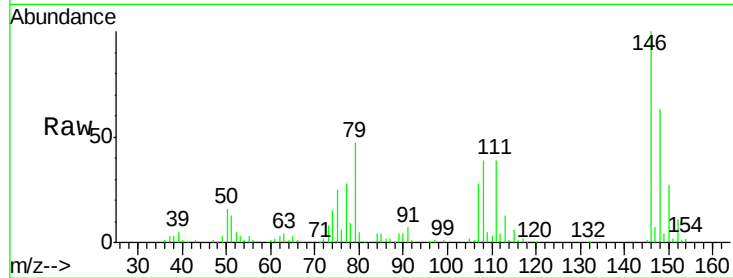
Tot Ion:146 Resp: 108039

Ion Ratio Lower Upper

146 100

148 63.4 52.3 78.5

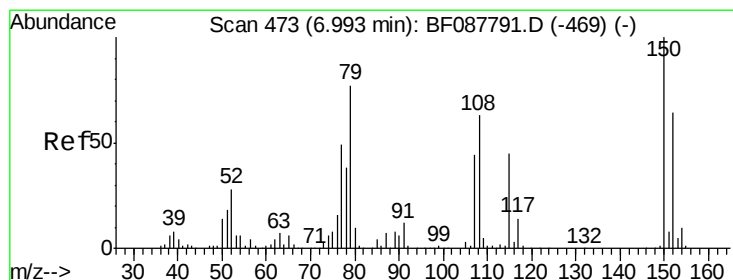
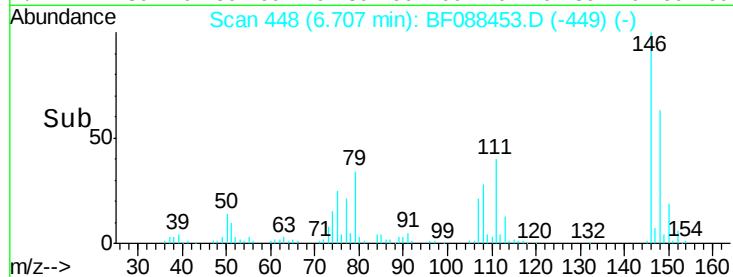
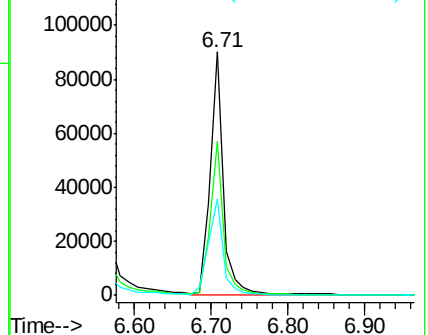
111 39.5 28.7 43.1



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: 5.70 ng

RT: 6.71 min Scan# 448

Delta R.T. -0.29 min

Lab File: BF088453.D

Acq: 27 Jun 2016 13:49

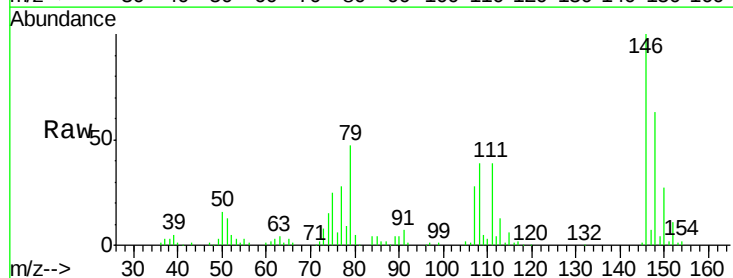
Tgt Ion: 79 Resp: 74861

Ion Ratio Lower Upper

79 100

108 84.0 65.0 97.6

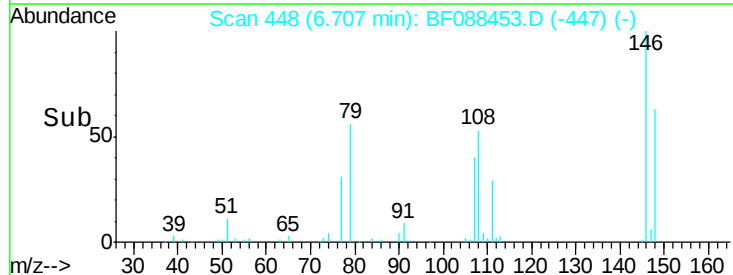
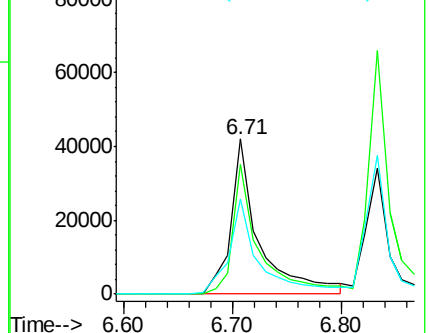
77 61.1 50.3 75.5

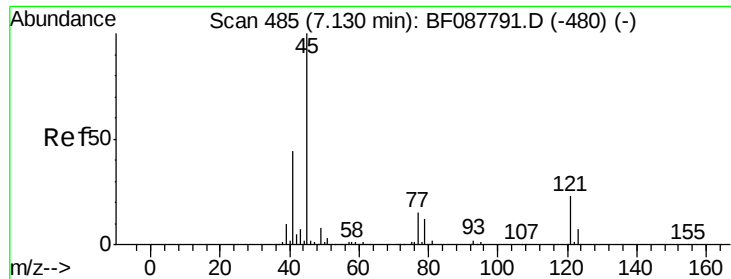


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

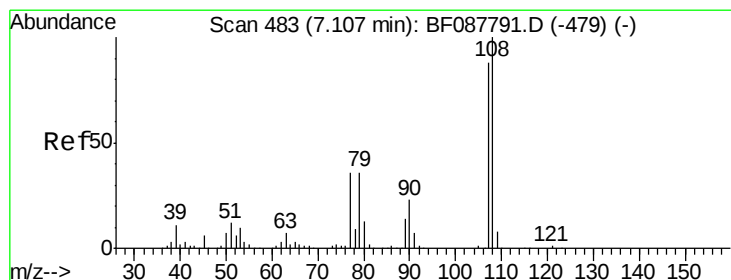
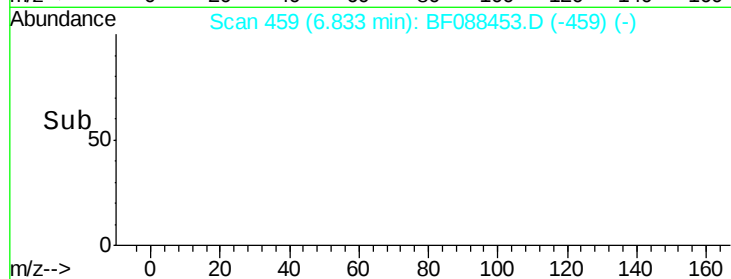
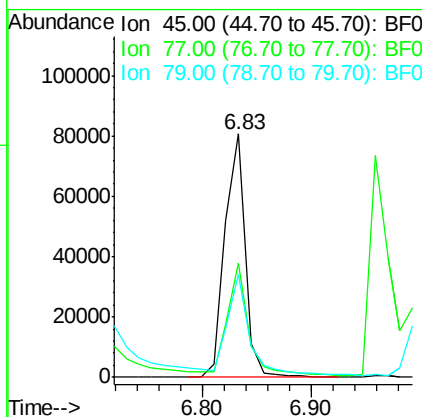
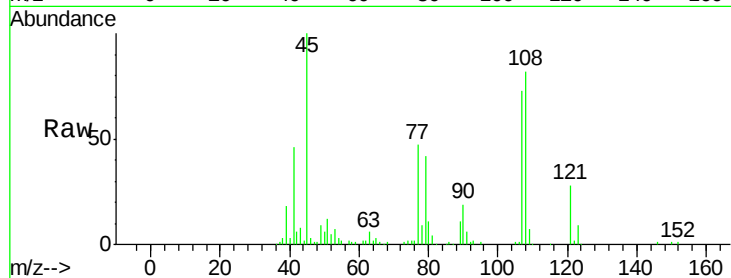




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 5.22 ng
RT: 6.83 min Scan# 459
Delta R.T. -0.30 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

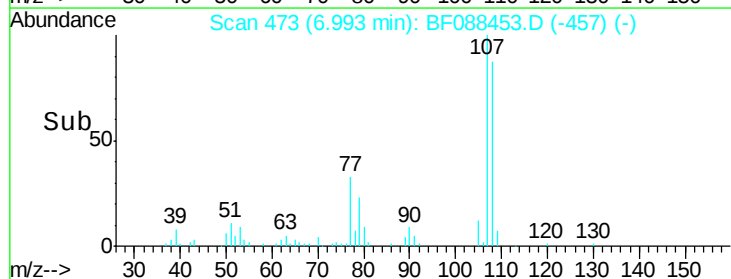
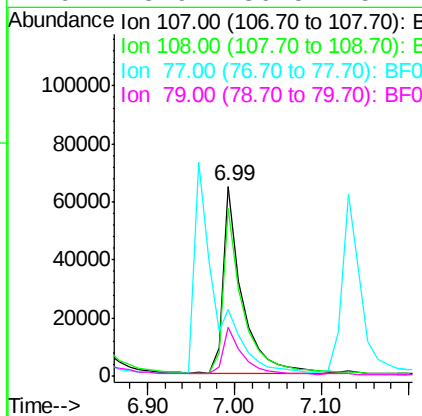
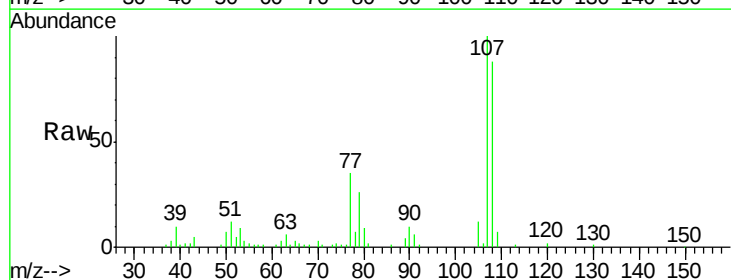
Instrument :
BNA_F
ClientSampleId :

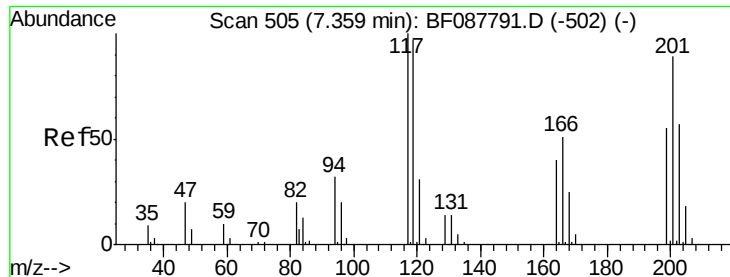
Tot Ion: 45 Resp: 103770
Ion Ratio Lower Upper
45 100
77 46.8 0.0 32.5#
79 42.3 0.0 29.5#



#17
2-Methylphenol
Concen: 7.43 ng
RT: 6.99 min Scan# 473
Delta R.T. -0.11 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Tgt Ion: 107 Resp: 98819
Ion Ratio Lower Upper
107 100
108 88.4 90.9 136.3#
77 35.4 36.6 55.0#
79 25.9 36.5 54.7#

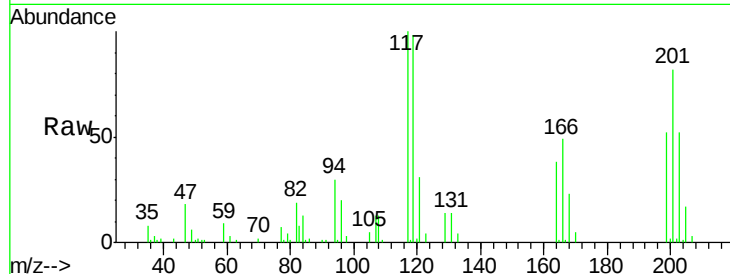




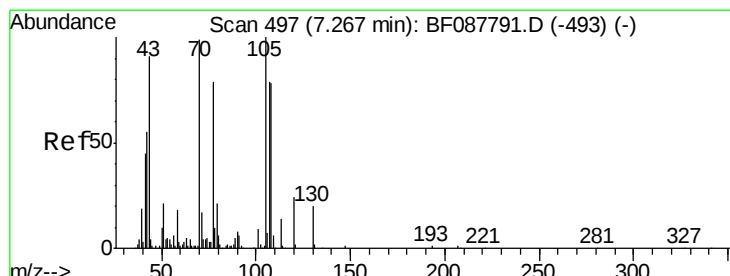
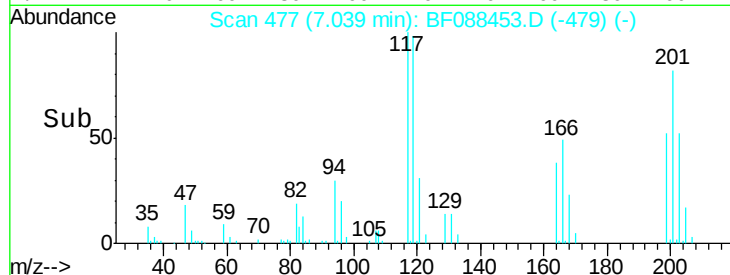
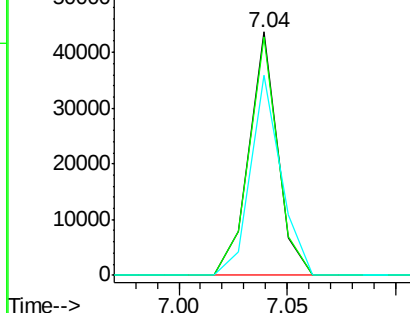
#18
Hexachloroethane
Concen: 6.36 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.32 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:117 Resp: 39998
Ion Ratio Lower Upper
117 100
119 98.1 77.4 116.2
201 82.1 80.4 120.6

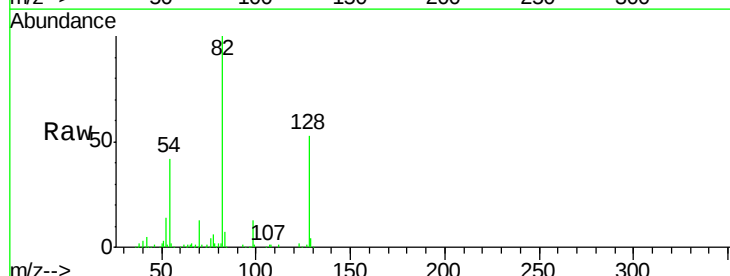


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

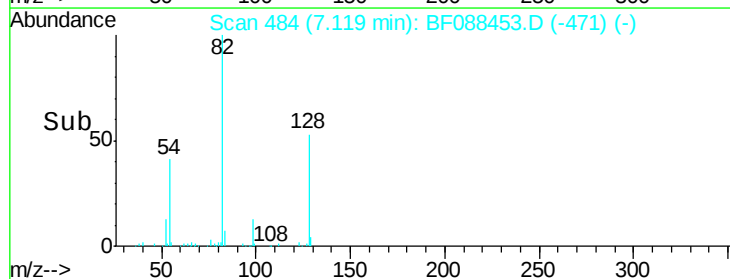
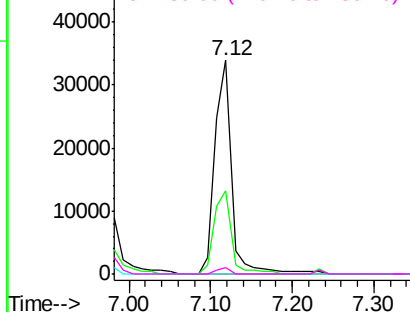


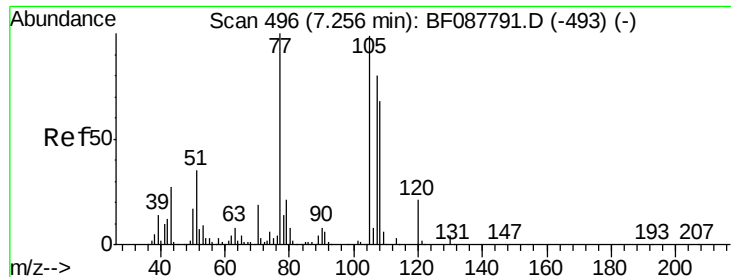
#19
n-Nitroso-di-n-propylamine
Concen: 4.55 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.15 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Tgt Ion: 70 Resp: 48847
Ion Ratio Lower Upper
70 100
42 39.1 49.6 74.4#
101 0.0 7.1 10.7#
130 2.9 15.4 23.2#



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





#20

3+4-Methylphenols

Concen: 6.30 ng

RT: 6.99 min Scan# 473

Delta R.T. -0.26 min

Lab File: BF088453.D

Acq: 27 Jun 2016 13:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 97770

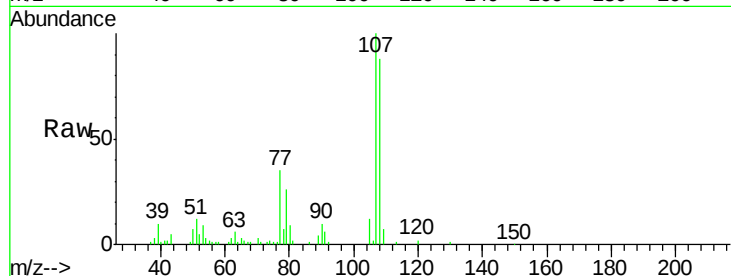
Ion Ratio Lower Upper

107 100

108 88.4 67.8 107.8

77 35.4 59.3 99.3#

79 25.9 7.0 47.0

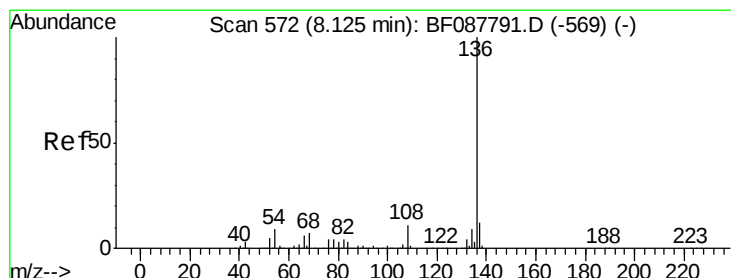
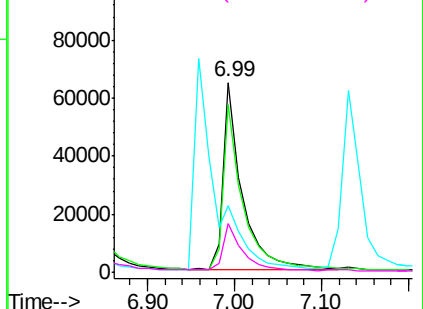
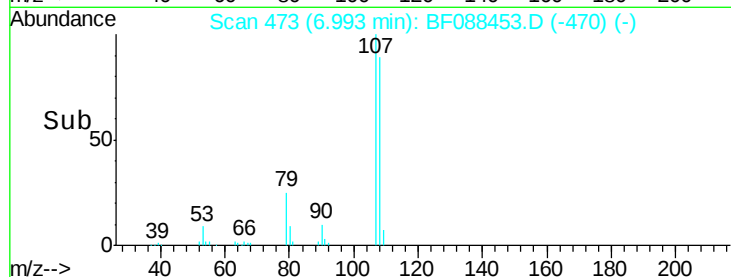


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.83 min Scan# 546

Delta R.T. -0.30 min

Lab File: BF088453.D

Acq: 27 Jun 2016 13:49

Tgt Ion:136 Resp: 296611

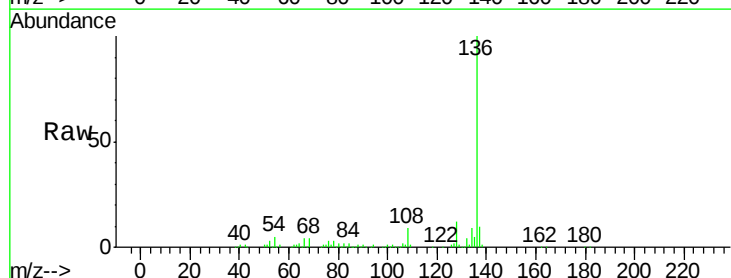
Ion Ratio Lower Upper

136 100

137 10.5 9.1 13.7

54 4.9 6.6 10.0#

68 4.4 5.1 7.7#

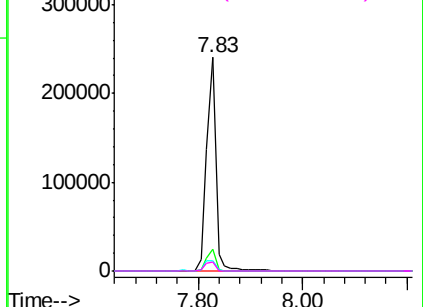
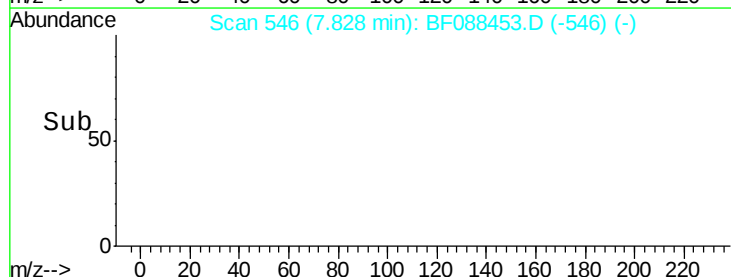


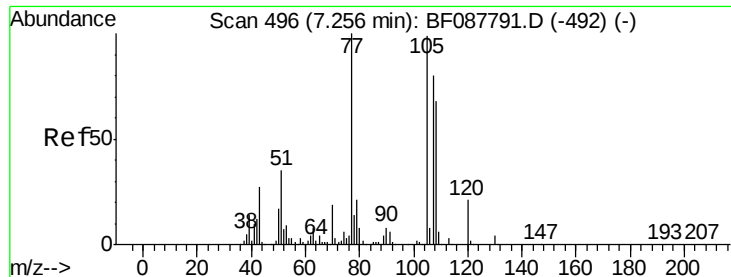
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

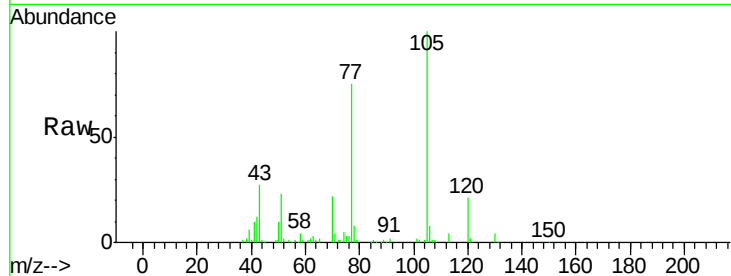




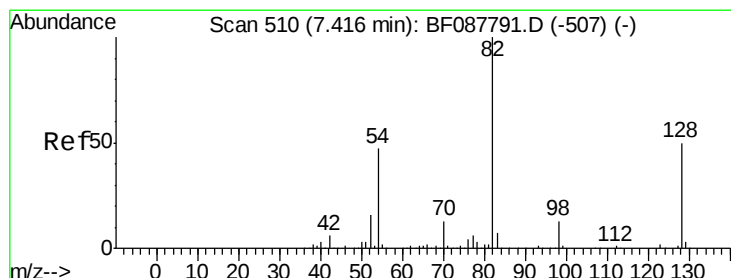
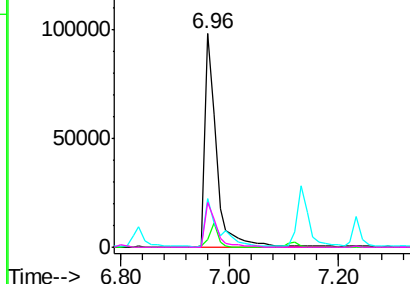
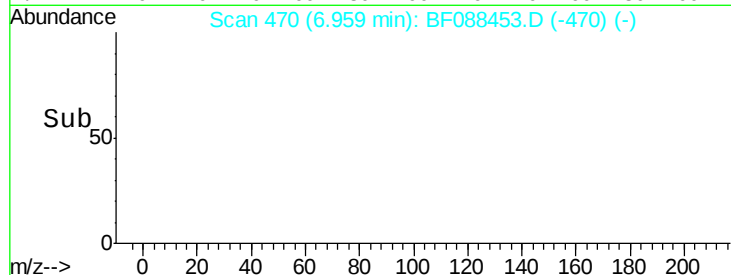
#22
Acetophenone
Concen: 21.77 ng
RT: 6.96 min Scan# 470
Delta R.T. -0.30 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:105 Resp: 144286
Ion Ratio Lower Upper
105 100
71 3.9 5.3 7.9#
51 22.9 18.2 27.4
120 20.8 18.0 27.0

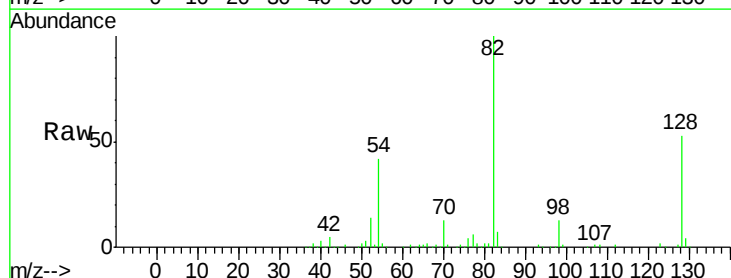


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

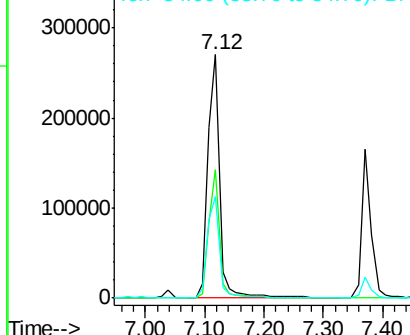
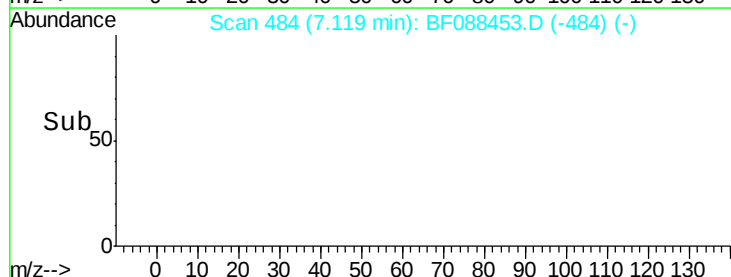


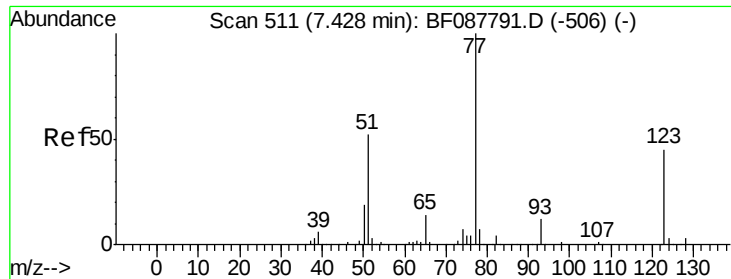
#23
Nitrobenzene-d5
Concen: 74.65 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.30 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Tgt Ion: 82 Resp: 379206
Ion Ratio Lower Upper
82 100
128 52.7 35.9 53.9
54 41.7 40.9 61.3



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

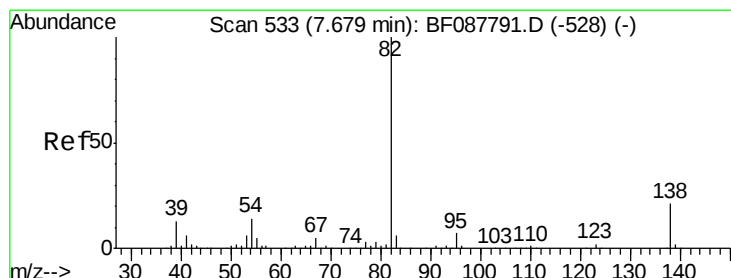
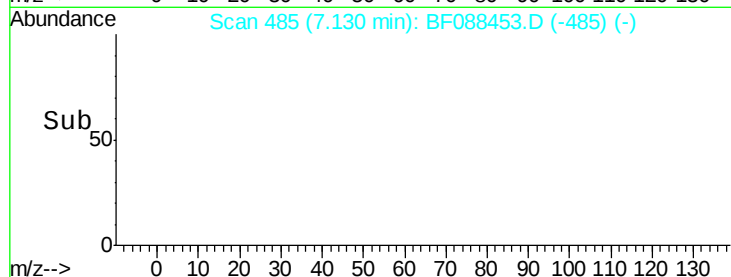
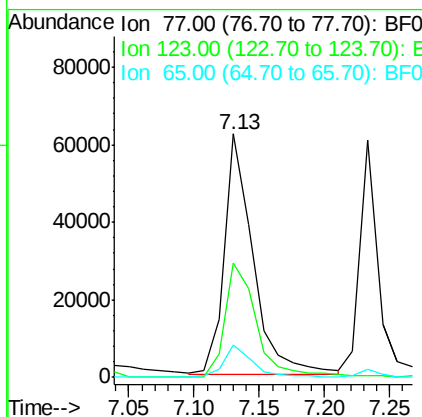
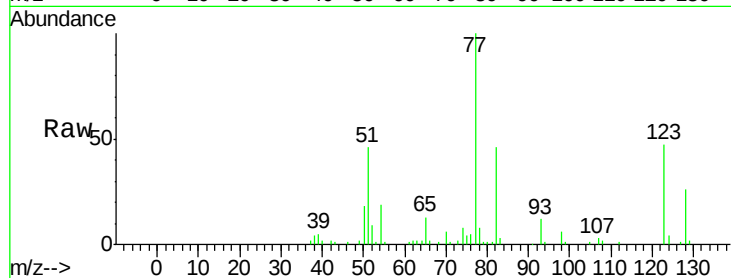




#24
 Nitrobenzene
 Concen: 19.54 ng
 RT: 7.13 min Scan# 485
 Delta R.T. -0.30 min
 Lab File: BF088453.D
 Acq: 27 Jun 2016 13:49

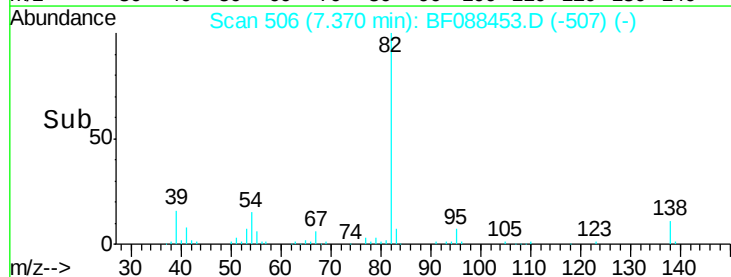
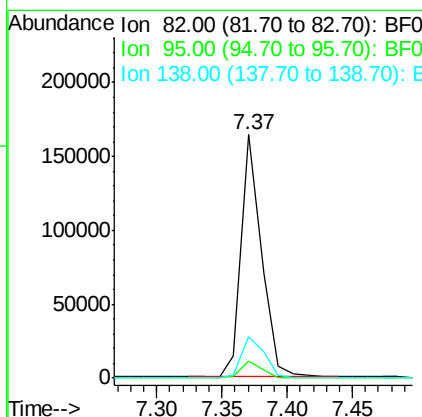
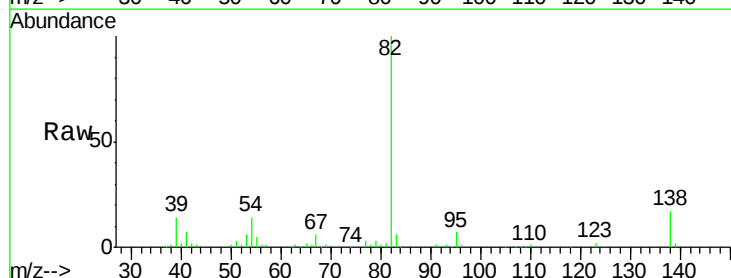
Instrument :
 BNA_F
 ClientSampleId :

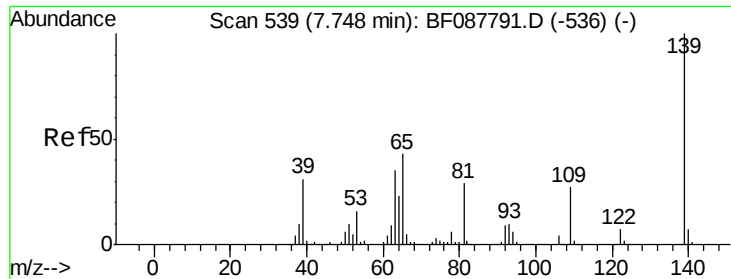
Tot Ion	Ratio	Lower	Upper
77	100		
123	46.8	45.0	67.4
65	13.4	10.2	15.2



#25
 Isophorone
 Concen: 18.94 ng
 RT: 7.37 min Scan# 506
 Delta R.T. -0.31 min
 Lab File: BF088453.D
 Acq: 27 Jun 2016 13:49

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.4	8.2
138	16.8	14.6	21.8

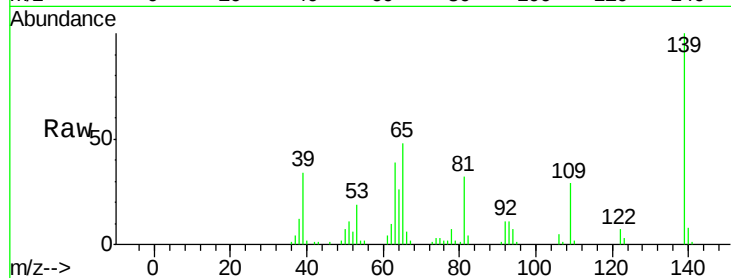




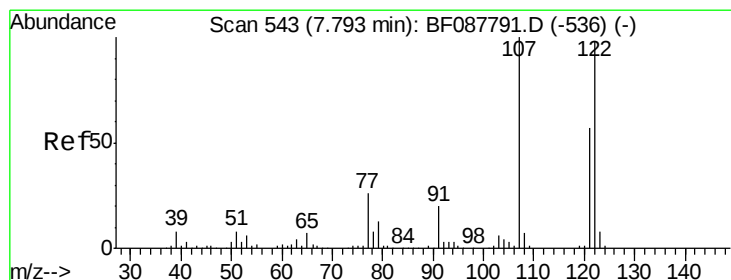
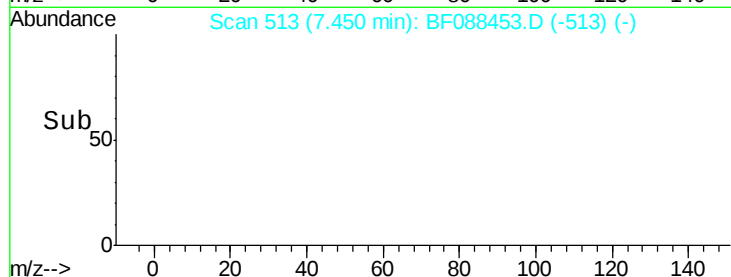
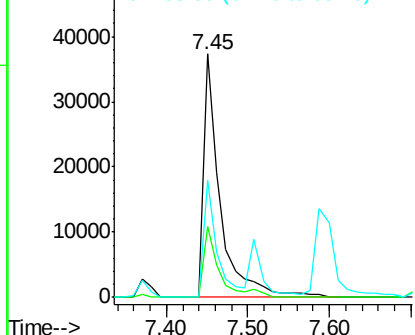
#26
2-Nitrophenol
Concen: 20.36 ng
RT: 7.45 min Scan# 513
Delta R.T. -0.30 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 53672
Ion Ratio Lower Upper
139 100
109 29.1 23.0 34.4
65 48.1 45.8 68.8

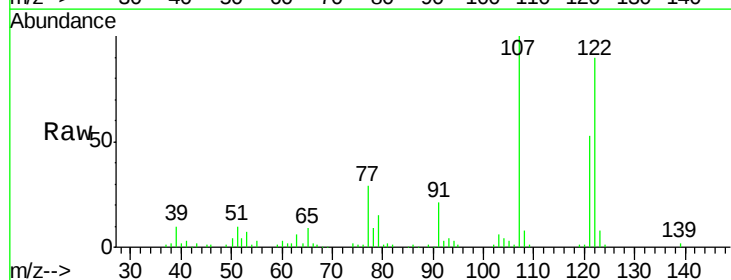


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

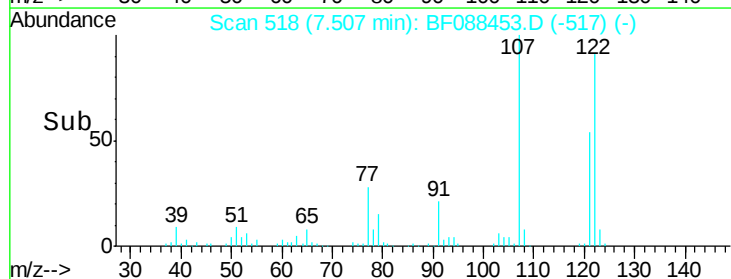
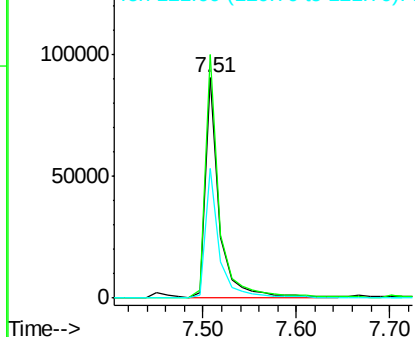


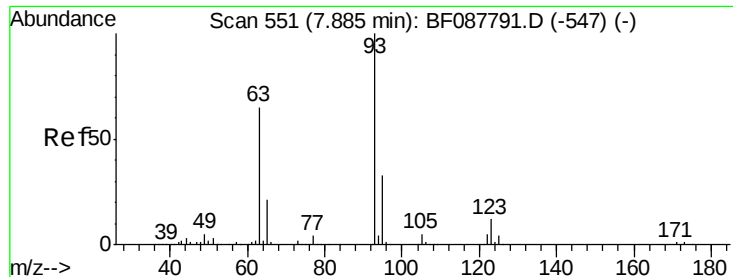
#27
2,4-Dimethylphenol
Concen: 20.00 ng
RT: 7.51 min Scan# 518
Delta R.T. -0.29 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Tgt Ion:122 Resp: 97042
Ion Ratio Lower Upper
122 100
107 110.5 82.4 123.6
121 58.7 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

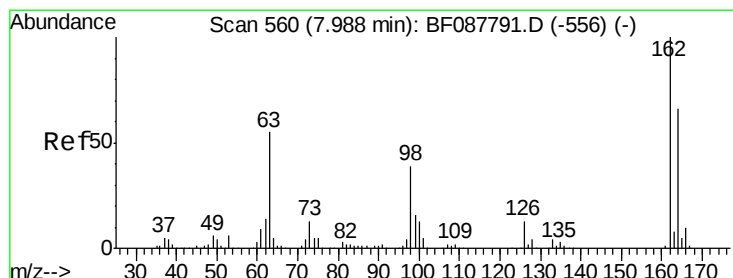
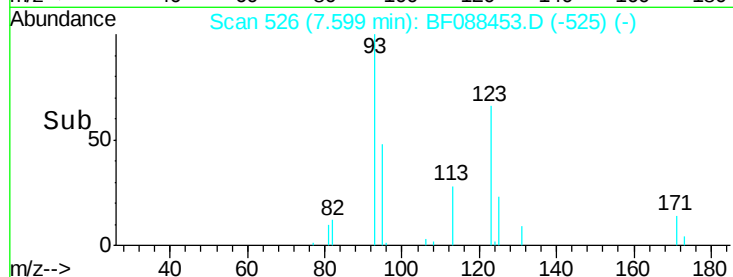
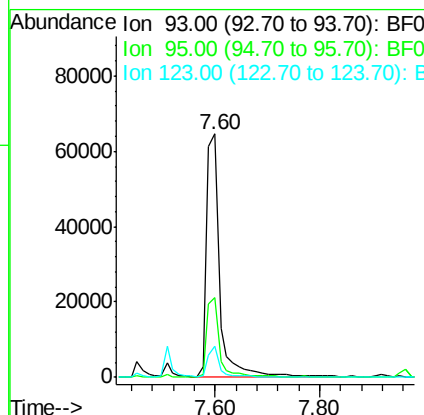
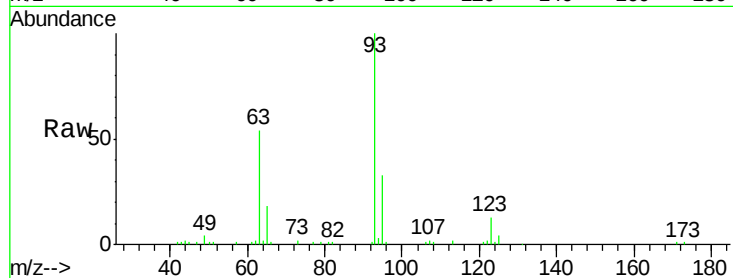




#28
bis(2-Chloroethoxy)methane
Concen: 19.66 ng
RT: 7.60 min Scan# 526
Delta R.T. -0.29 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

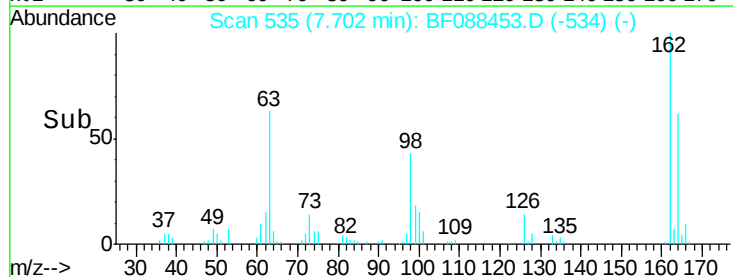
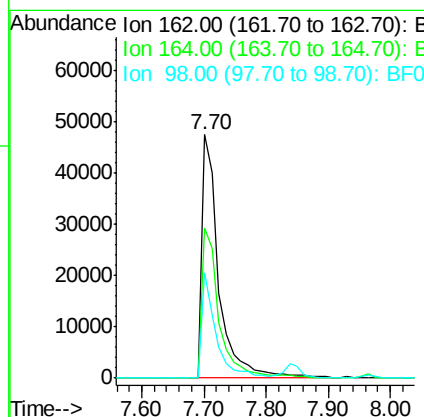
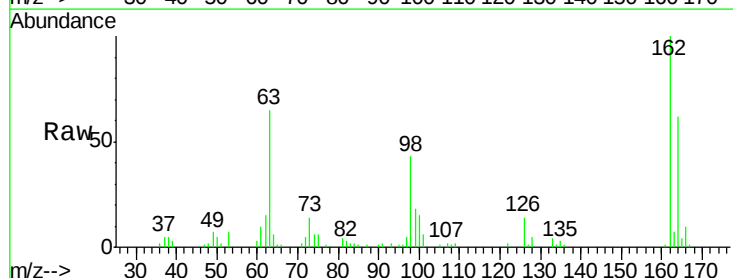
Instrument :
BNA_F
ClientSampleId :

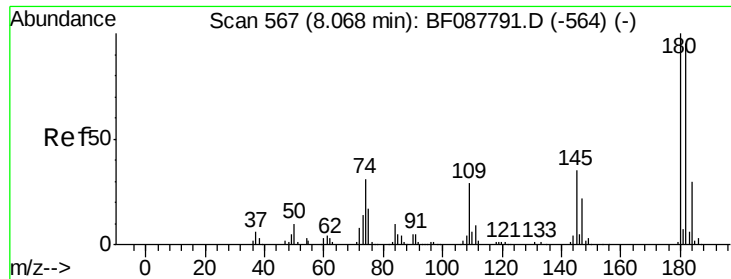
Tot Ion: 93 Resp: 114700
Ion Ratio Lower Upper
93 100
95 32.7 26.5 39.7
123 12.7 11.6 17.4



#29
2,4-Dichlorophenol
Concen: 22.29 ng
RT: 7.70 min Scan# 535
Delta R.T. -0.29 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Tgt Ion: 162 Resp: 90312
Ion Ratio Lower Upper
162 100
164 61.6 43.8 83.8
98 43.1 21.3 61.3

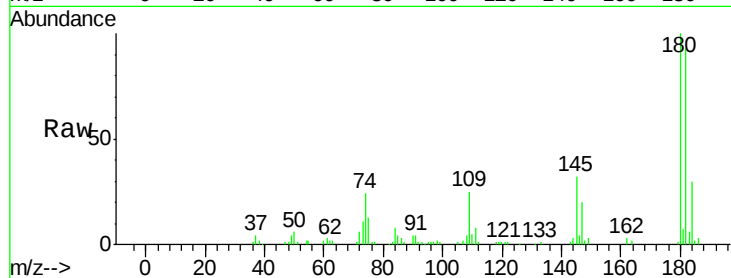




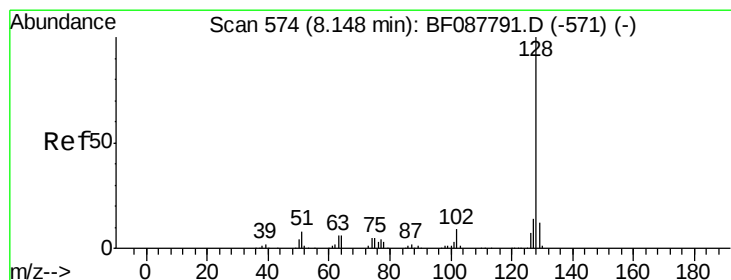
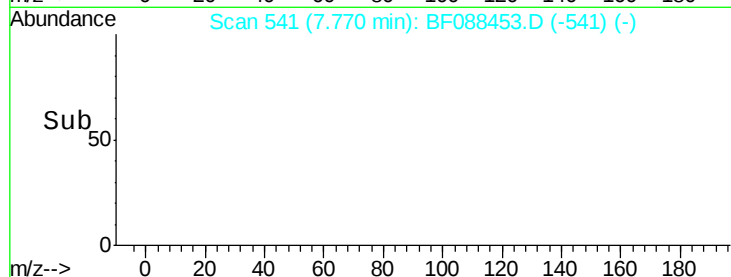
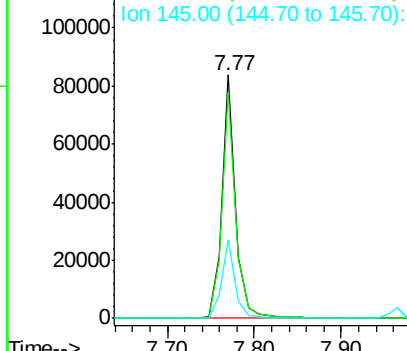
#30
 1,2,4-Trichlorobenzene
 Concen: 20.96 ng
 RT: 7.77 min Scan# 541
 Delta R.T. -0.30 min
 Lab File: BF088453.D
 Acq: 27 Jun 2016 13:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:180 Resp: 92471
 Ion Ratio Lower Upper
 180 100
 182 92.7 76.0 114.0
 145 32.1 26.5 39.7

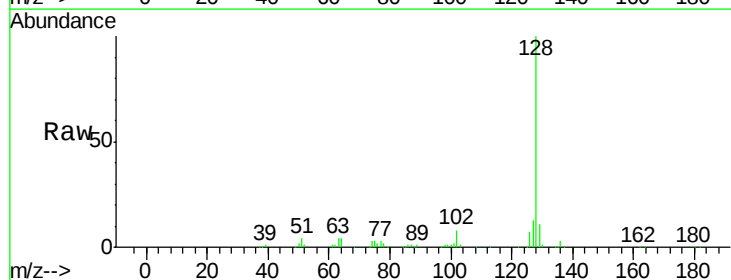


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

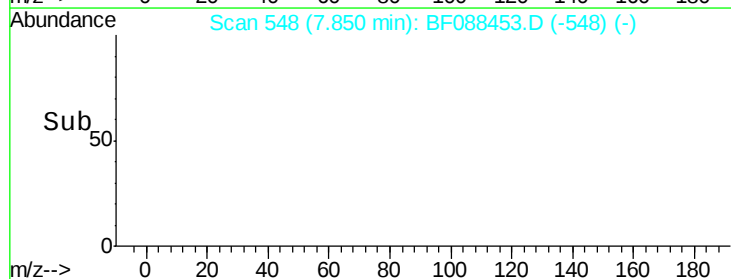
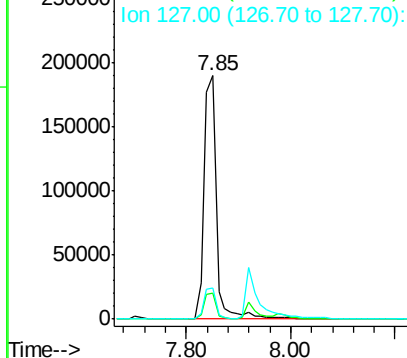


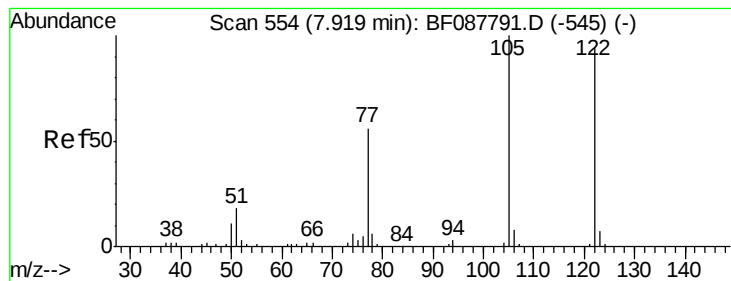
#31
 Naphthalene
 Concen: 21.32 ng
 RT: 7.85 min Scan# 548
 Delta R.T. -0.30 min
 Lab File: BF088453.D
 Acq: 27 Jun 2016 13:49

Tgt Ion:128 Resp: 312916
 Ion Ratio Lower Upper
 128 100
 129 10.6 9.4 14.2
 127 12.8 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 36.32 ng

RT: 7.51 min Scan# 518

Delta R.T. -0.41 min

Lab File: BF088453.D

Acq: 27 Jun 2016 13:49

Instrument :

BNA_F

ClientSampleId :

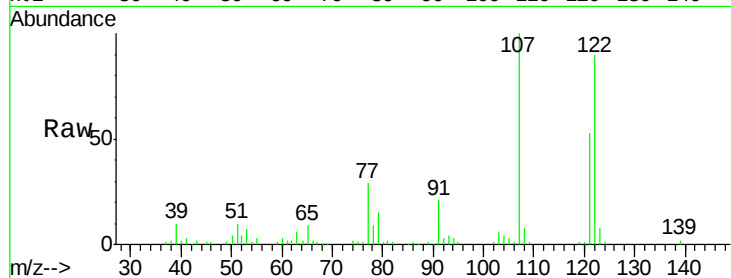
Tot Ion:122 Resp: 97042

Ion Ratio Lower Upper

122 100

105 3.9 101.6 141.6#

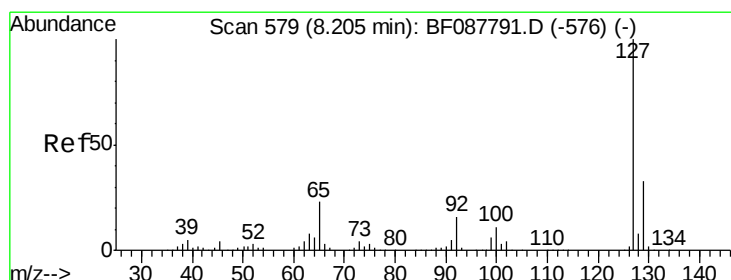
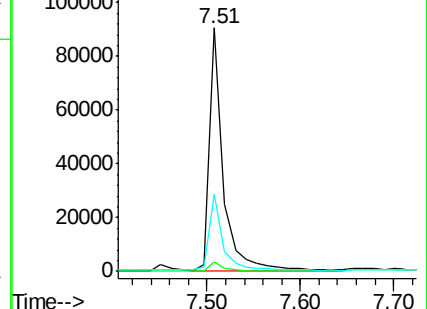
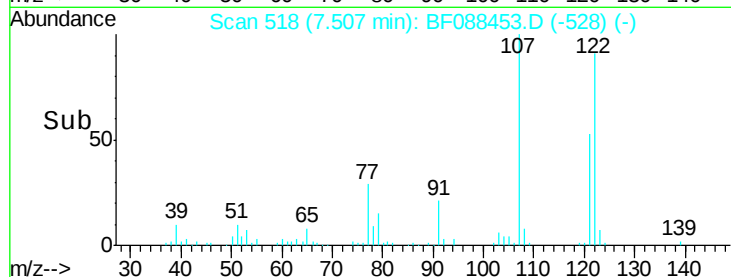
77 31.7 70.6 110.6#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 10.54 ng

RT: 7.92 min Scan# 554

Delta R.T. -0.29 min

Lab File: BF088453.D

Acq: 27 Jun 2016 13:49

Tgt Ion:127 Resp: 69088

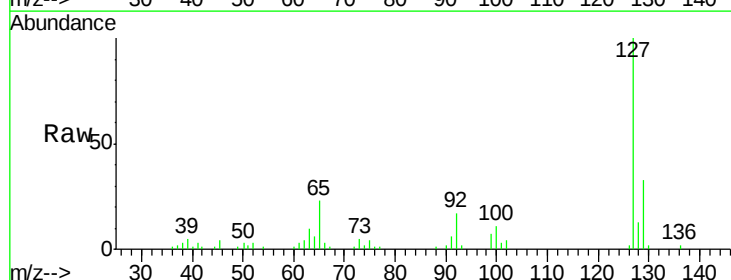
Ion Ratio Lower Upper

127 100

129 32.7 26.3 39.5

65 23.5 24.7 37.1#

92 16.9 15.4 23.0

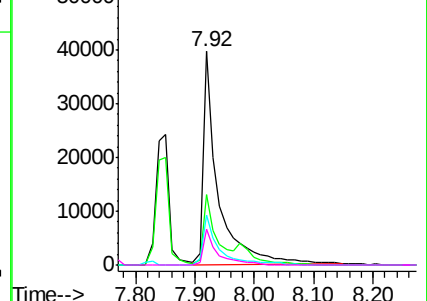
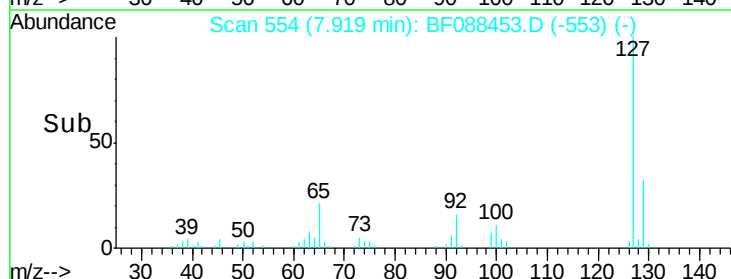


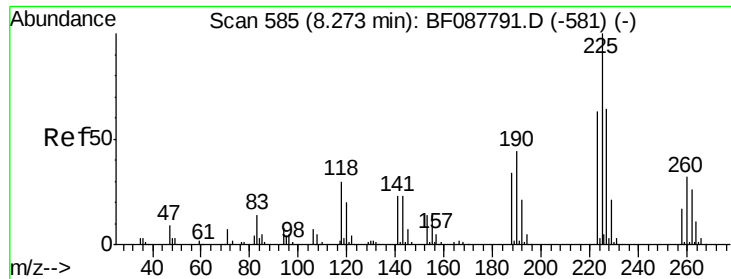
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

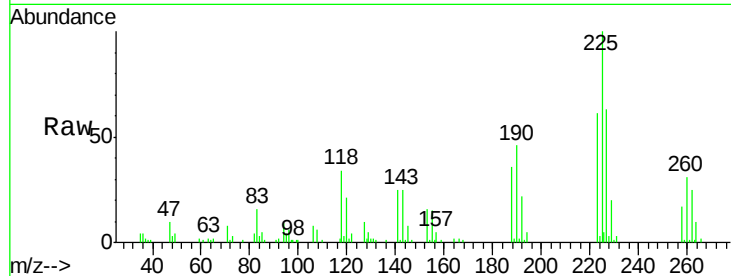




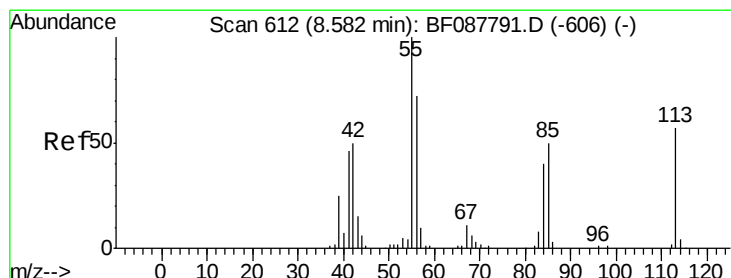
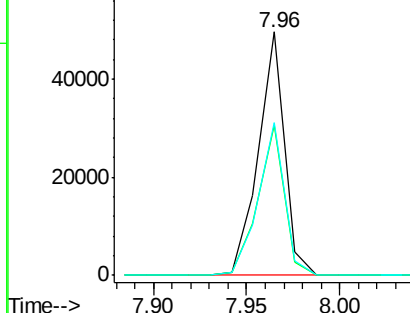
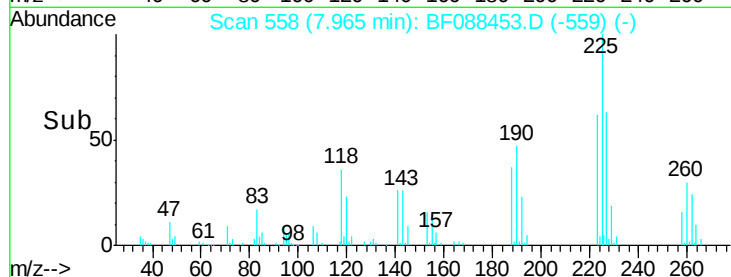
#34
Hexachlorobutadiene
Concen: 21.03 ng
RT: 7.96 min Scan# 558
Delta R.T. -0.31 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:225 Resp: 48931
Ion Ratio Lower Upper
225 100
223 61.5 50.9 76.3
227 62.9 51.9 77.9

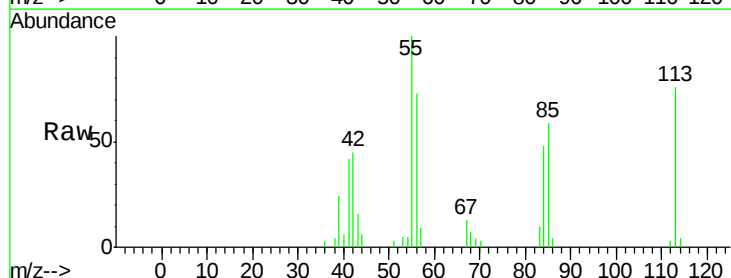


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

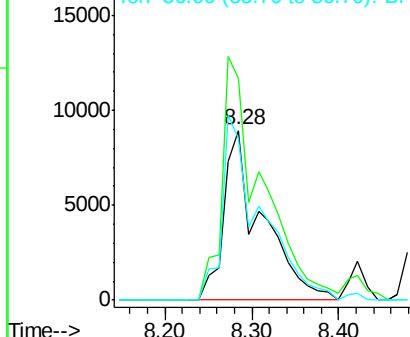
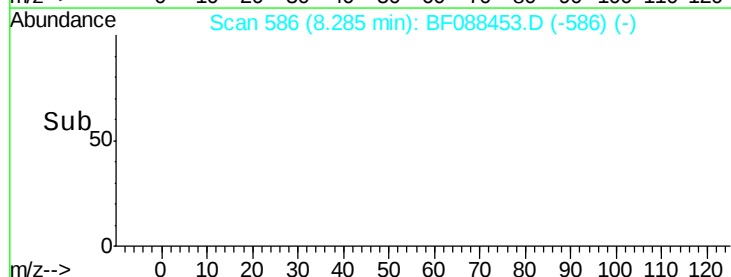


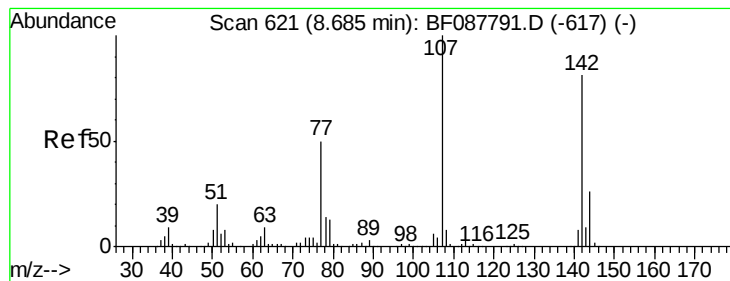
#35
Caprolactam
Concen: 20.31 ng
RT: 8.28 min Scan# 586
Delta R.T. -0.30 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Tgt Ion:113 Resp: 27259
Ion Ratio Lower Upper
113 100
55 130.8 158.6 198.6#
56 95.5 110.6 150.6#



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: 20.33 ng

RT: 8.42 min Scan# 598

Delta R.T. -0.26 min

Lab File: BF088453.D

Acq: 27 Jun 2016 13:49

Instrument :

BNA_F

ClientSampled :

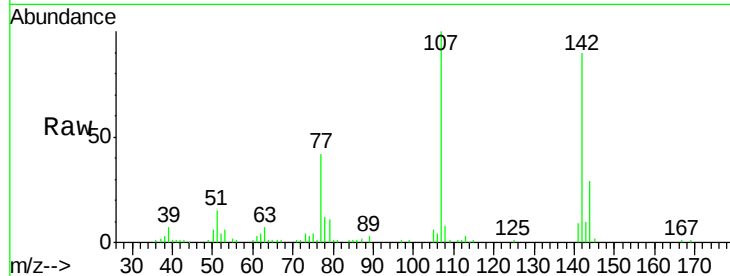
Tot Ion:107 Resp: 88113

Ion Ratio Lower Upper

107 100

144 29.2 20.8 31.2

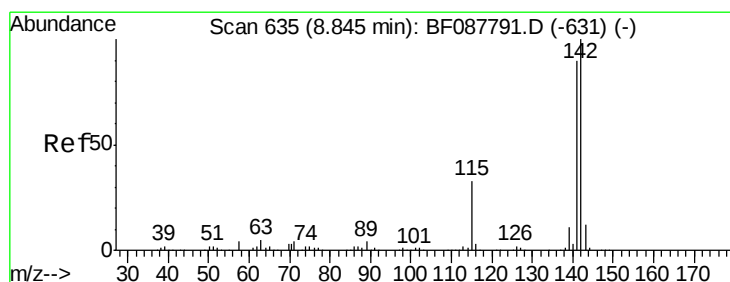
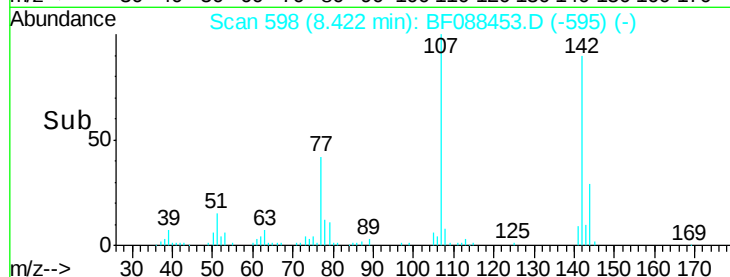
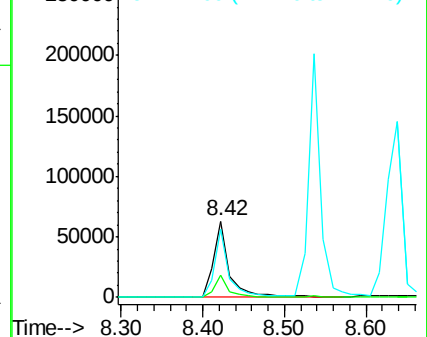
142 90.2 63.4 95.2



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: 21.33 ng

RT: 8.54 min Scan# 608

Delta R.T. -0.31 min

Lab File: BF088453.D

Acq: 27 Jun 2016 13:49

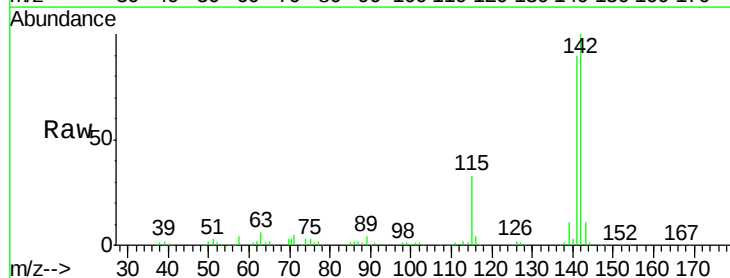
Tgt Ion:142 Resp: 206383

Ion Ratio Lower Upper

142 100

141 89.5 71.0 106.6

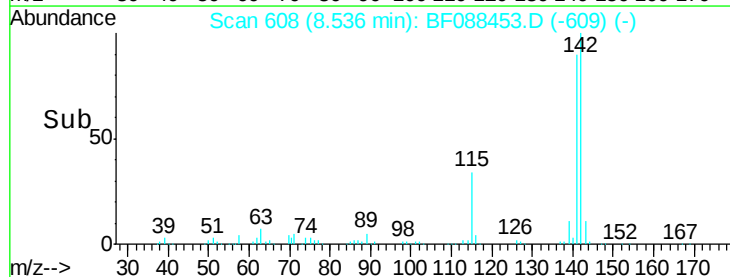
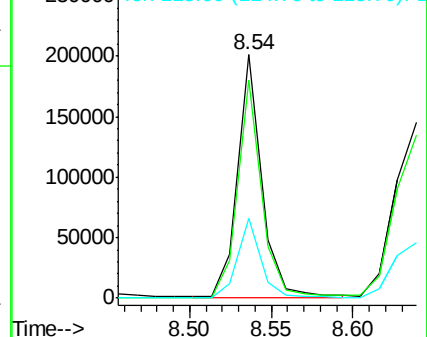
115 32.7 22.6 33.8

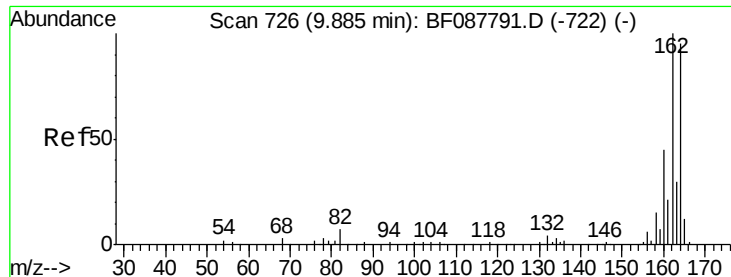


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.58 min Scan# 699

Delta R.T. -0.31 min

Lab File: BF088453.D

Acq: 27 Jun 2016 13:49

Instrument :

BNA_F

ClientSampled :

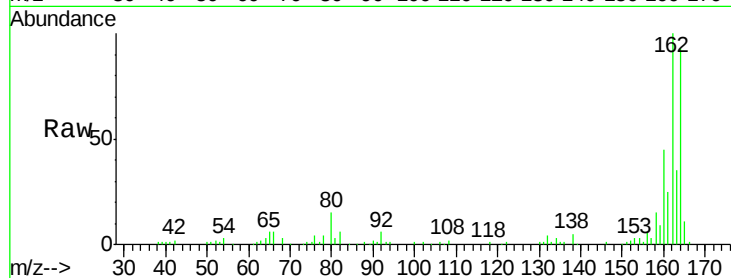
Tot Ion:164 Resp: 139758

Ion Ratio Lower Upper

164 100

162 107.7 85.4 128.2

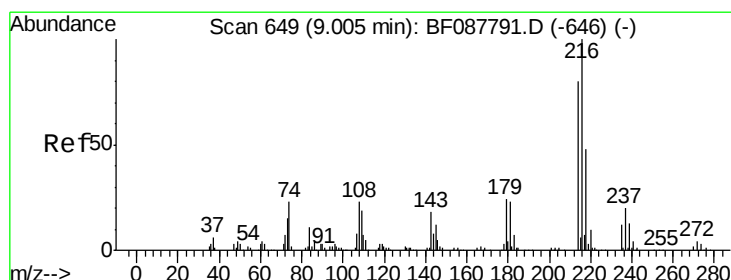
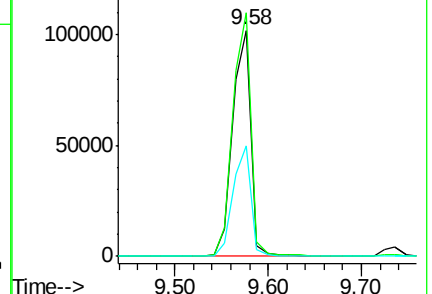
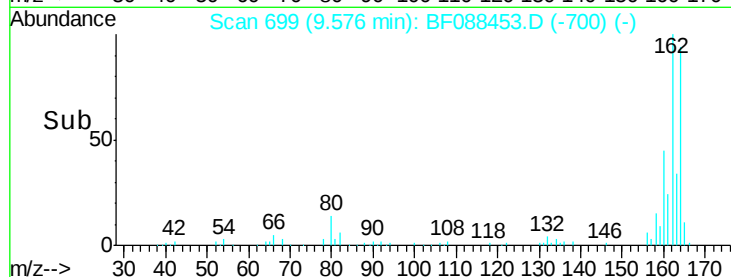
160 48.8 39.5 59.3



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: 20.20 ng

RT: 8.71 min Scan# 623

Delta R.T. -0.30 min

Lab File: BF088453.D

Acq: 27 Jun 2016 13:49

Tgt Ion:216 Resp: 88115

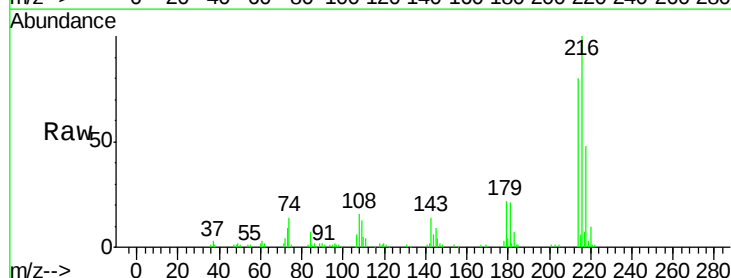
Ion Ratio Lower Upper

216 100

214 79.3 2.9 4.3#

179 22.1 0.0 0.0#

108 18.6 0.5 0.7#

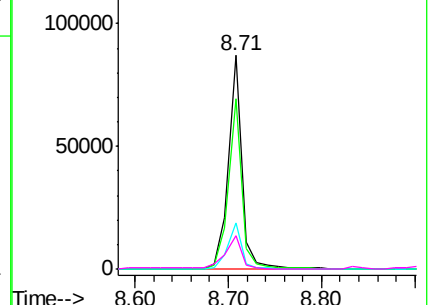
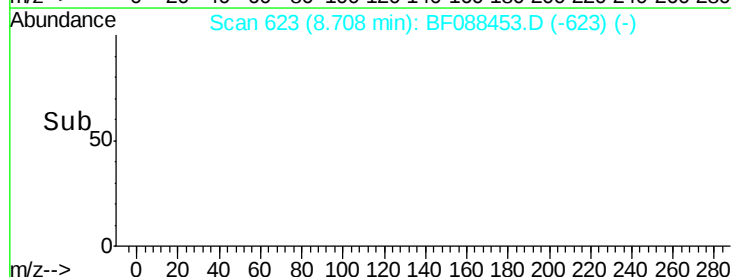


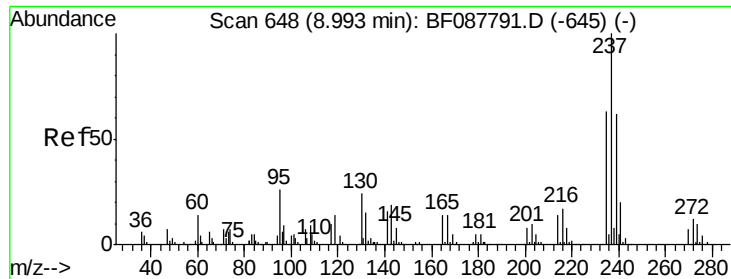
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

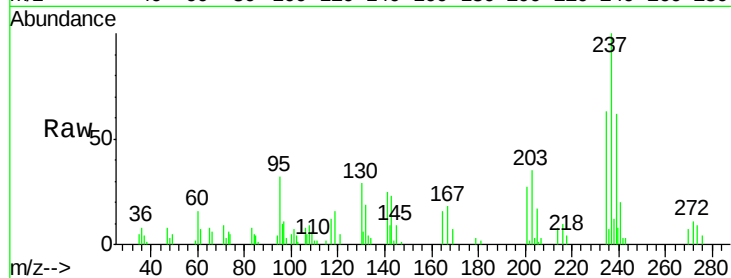




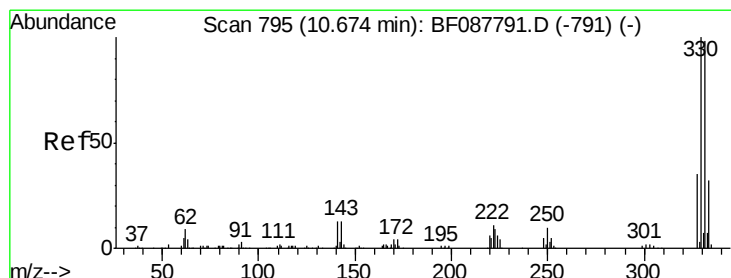
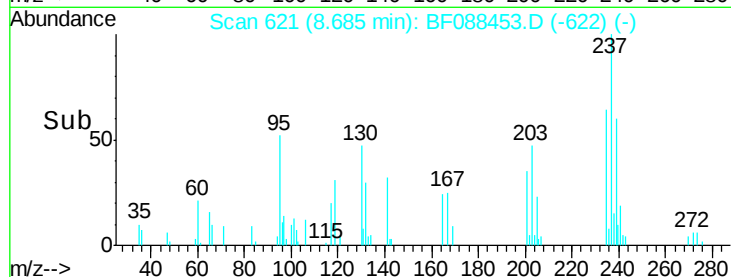
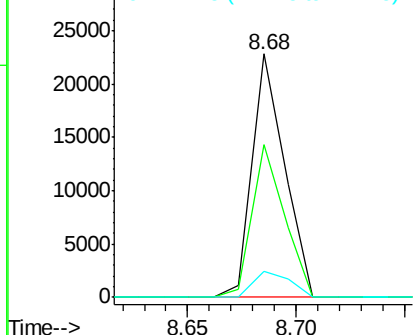
#40
Hexachlorocyclopentadiene
Concen: 10.48 ng
RT: 8.68 min Scan# 621
Delta R.T. -0.31 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 23632
Ion Ratio Lower Upper
237 100
235 62.8 43.4 83.4
272 10.7 0.0 32.3

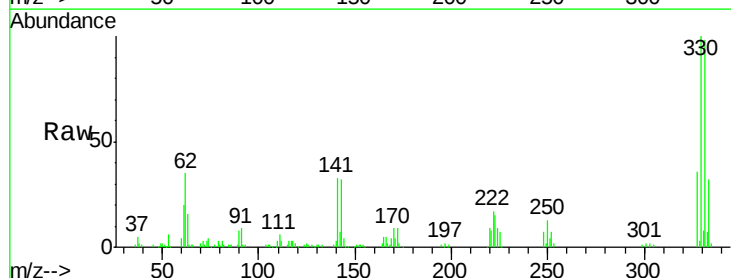


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

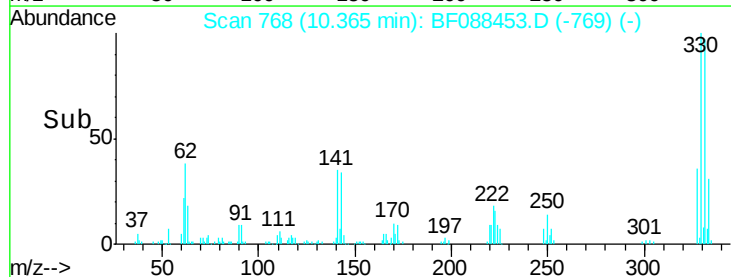
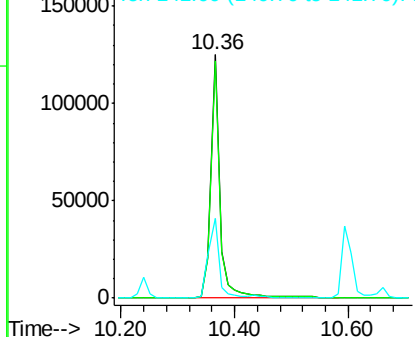


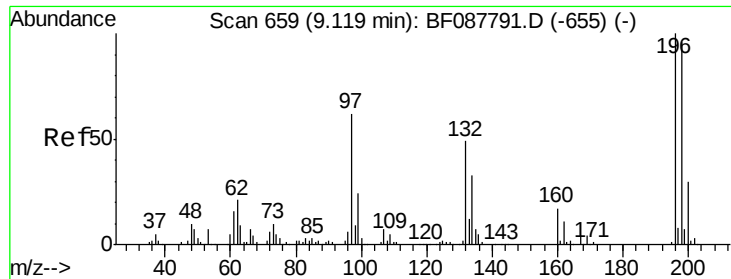
#41
2,4,6-Tribromophenol
Concen: 92.07 ng
RT: 10.36 min Scan# 768
Delta R.T. -0.31 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Tgt Ion:330 Resp: 135874
Ion Ratio Lower Upper
330 100
332 97.1 0.0 0.0#
141 40.1 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

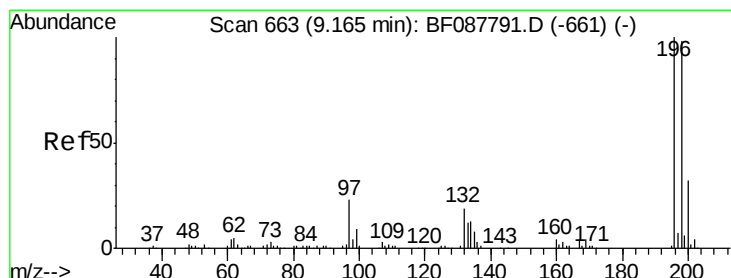
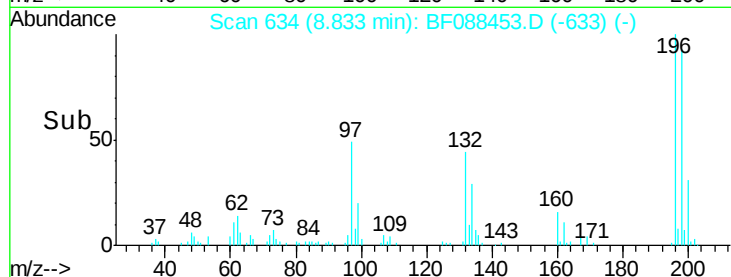
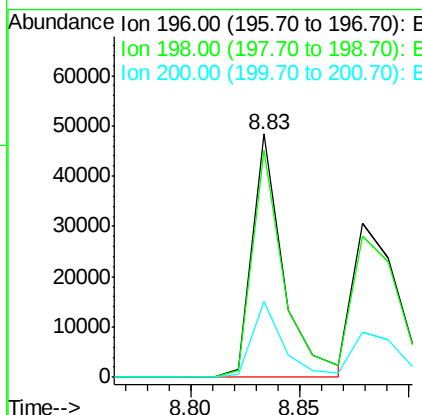
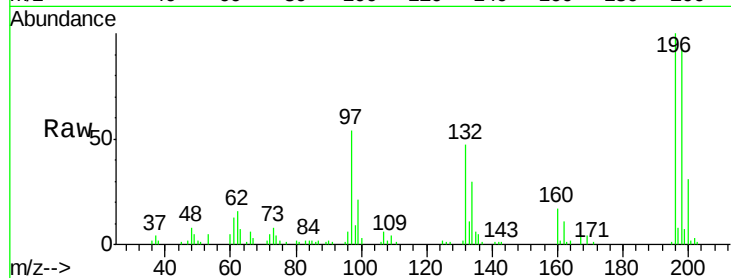




#42
2,4,6-Trichlorophenol
Concen: 17.24 ng
RT: 8.83 min Scan# 634
Delta R.T. -0.29 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

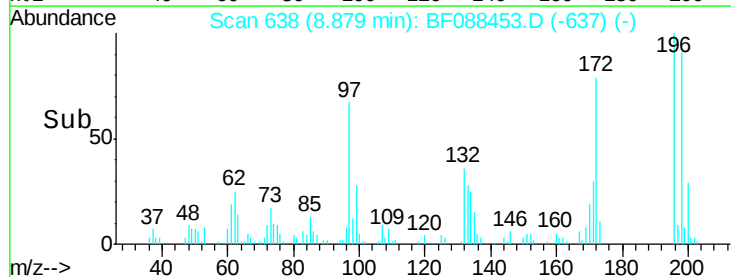
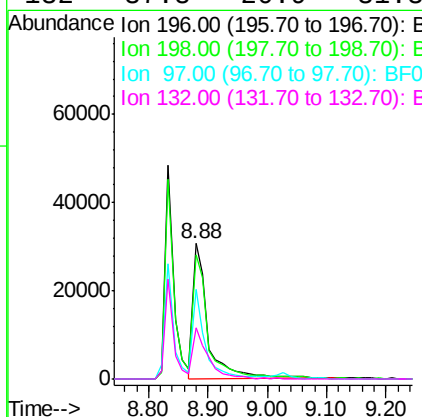
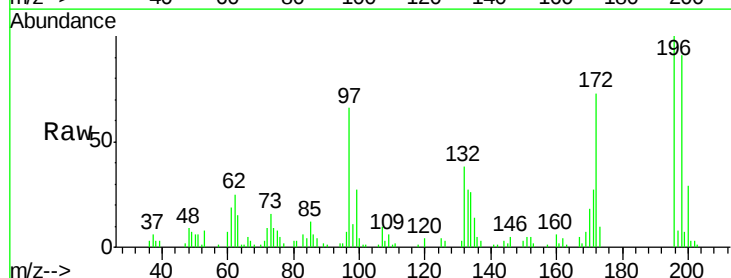
Instrument :
BNA_F
ClientSampleId :

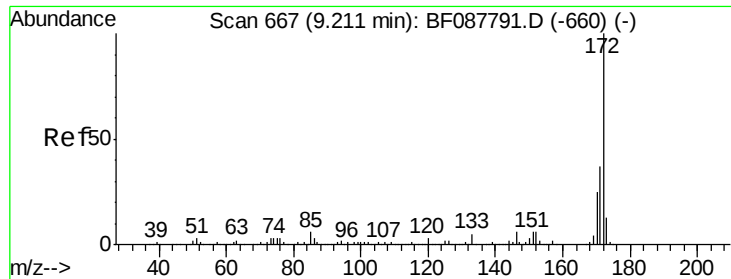
Tot Ion:196 Resp: 48184
Ion Ratio Lower Upper
196 100
198 93.3 78.0 117.0
200 31.0 25.4 38.2



#43
2,4,5-Trichlorophenol
Concen: 18.36 ng
RT: 8.88 min Scan# 638
Delta R.T. -0.29 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Tgt Ion:196 Resp: 53372
Ion Ratio Lower Upper
196 100
198 91.4 77.5 116.3
97 66.2 32.0 48.0#
132 37.8 20.9 31.3#

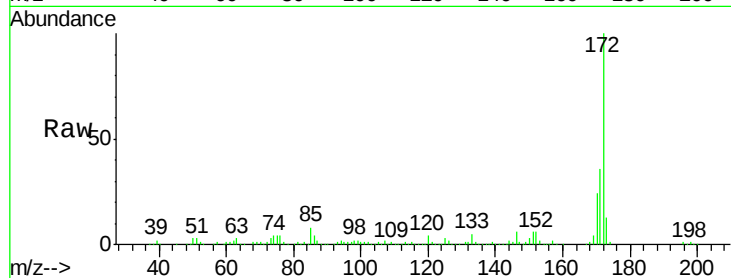




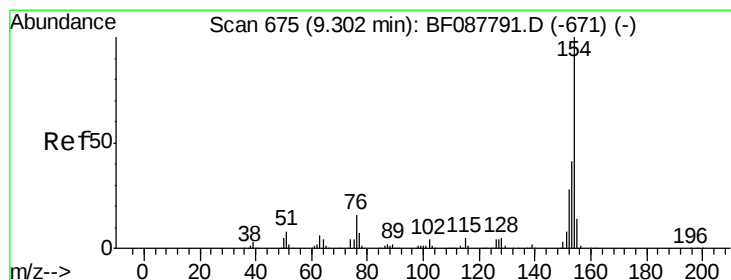
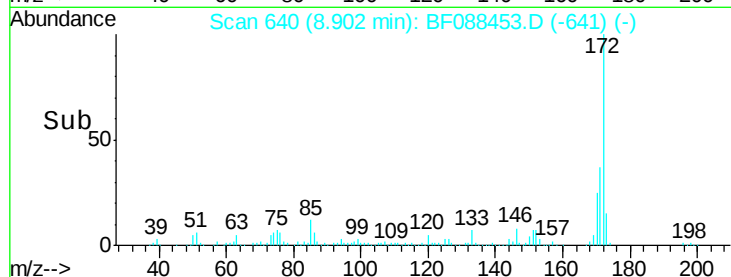
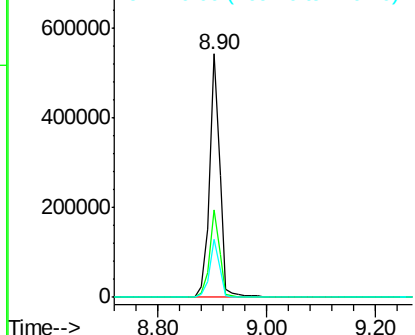
#44
 2-Fluorobiphenyl
 Concen: 80.51 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.31 min
 Lab File: BF088453.D
 Acq: 27 Jun 2016 13:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 718890
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.6 43.0
 170 23.9 19.2 28.8

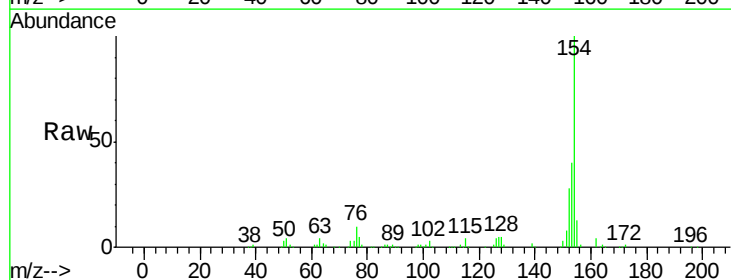


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

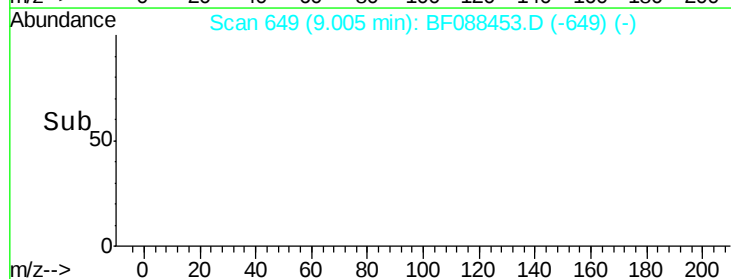
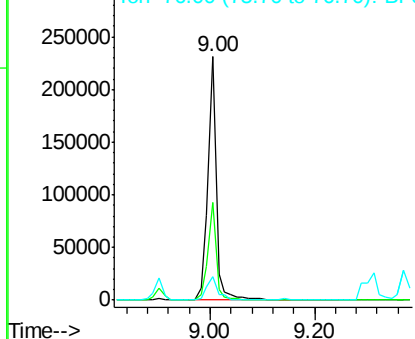


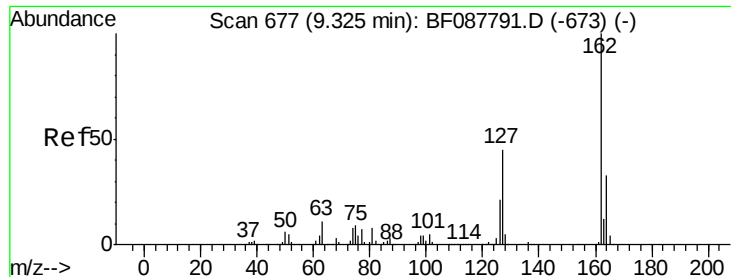
#45
 1,1'-Biphenyl
 Concen: 21.34 ng
 RT: 9.00 min Scan# 649
 Delta R.T. -0.30 min
 Lab File: BF088453.D
 Acq: 27 Jun 2016 13:49

Tgt Ion:154 Resp: 258056
 Ion Ratio Lower Upper
 154 100
 153 40.3 20.6 60.6
 76 9.7 0.0 35.1



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

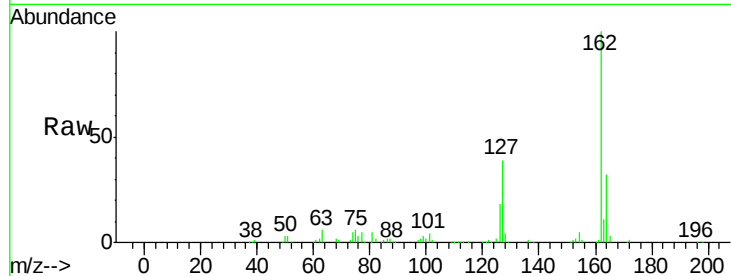




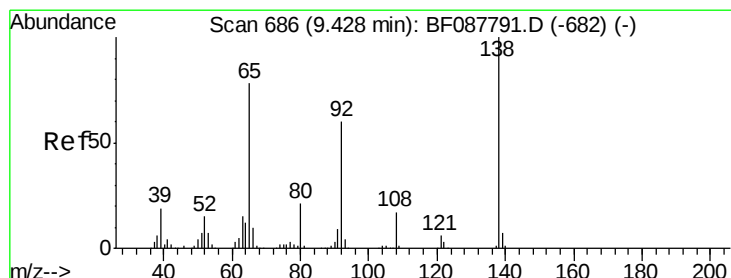
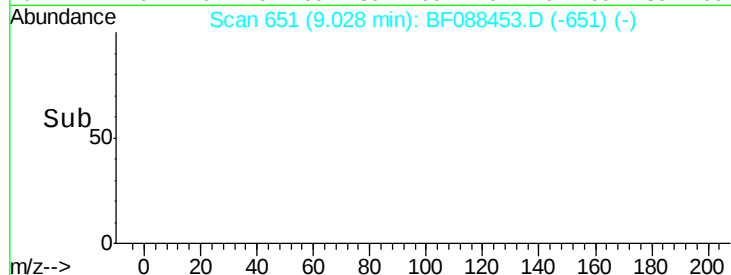
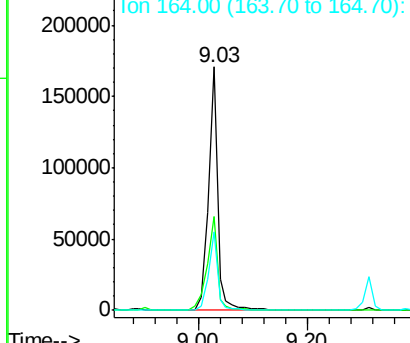
#46
2-Chloronaphthalene
Concen: 22.25 ng
RT: 9.03 min Scan# 651
Delta R.T. -0.30 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.6	35.2	52.8
164	32.1	26.6	39.8

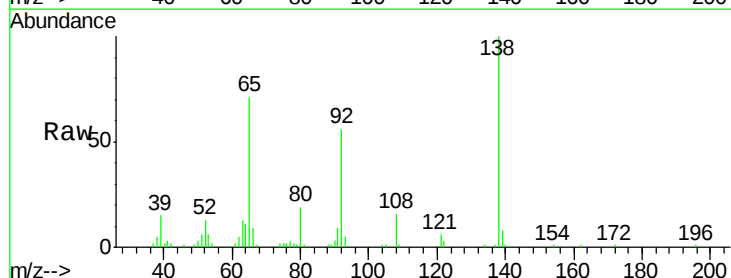


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

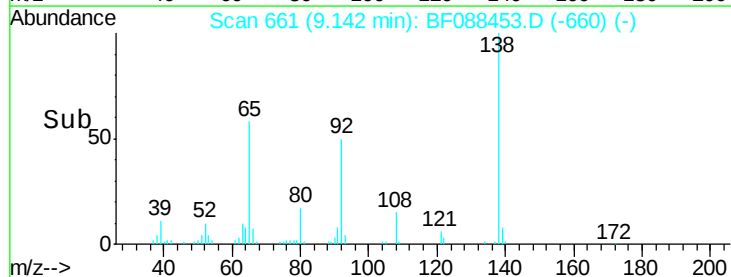
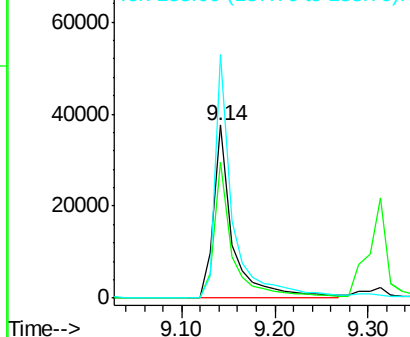


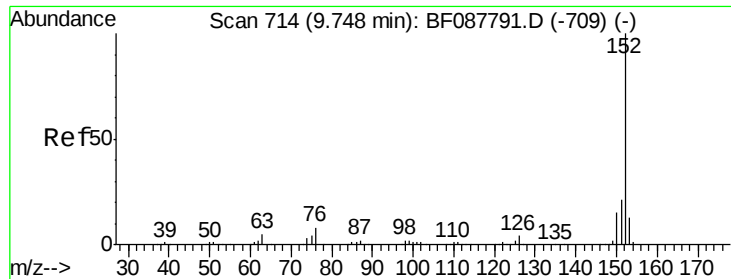
#47
2-Nitroaniline
Concen: 20.31 ng
RT: 9.14 min Scan# 661
Delta R.T. -0.29 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Tgt Ion	Ratio	Lower	Upper
65	100		
92	78.9	54.6	82.0
138	141.1	77.0	115.4



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

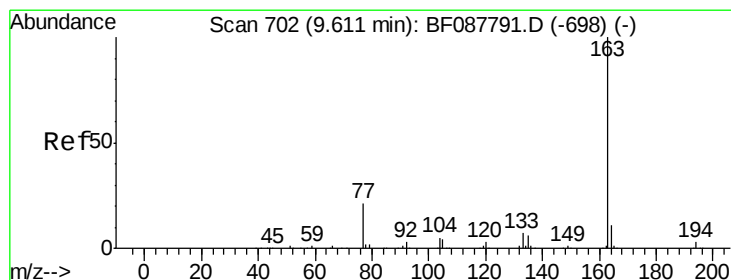
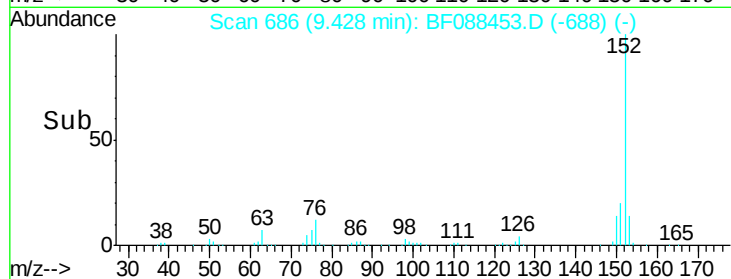
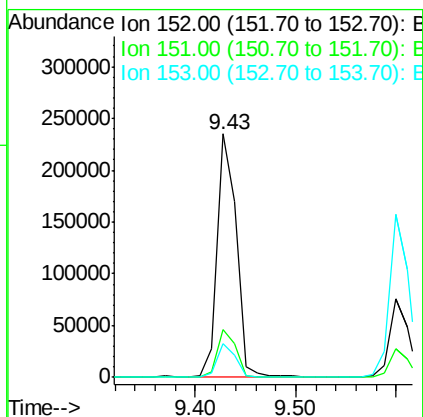
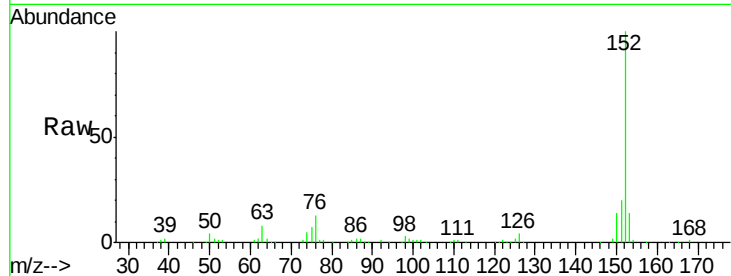




#48
Acenaphthylene
Concen: 21.79 ng
RT: 9.43 min Scan# 686
Delta R.T. -0.32 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

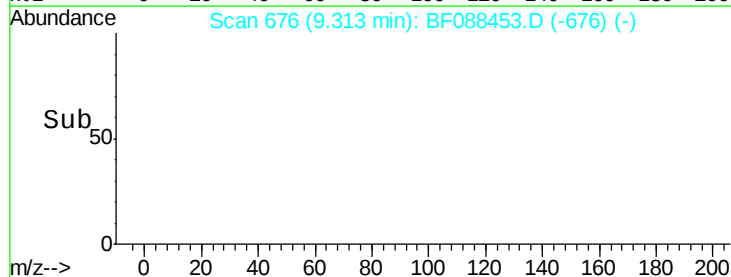
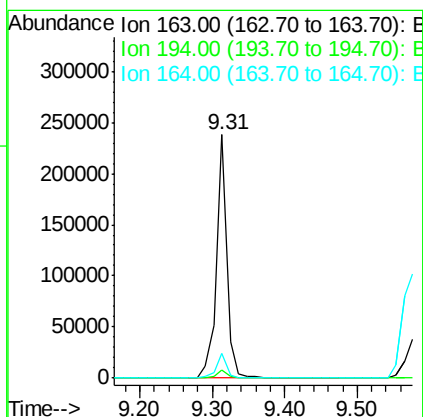
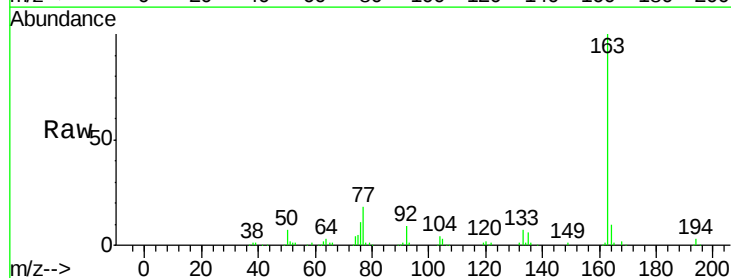
Instrument :
BNA_F
ClientSampleId :

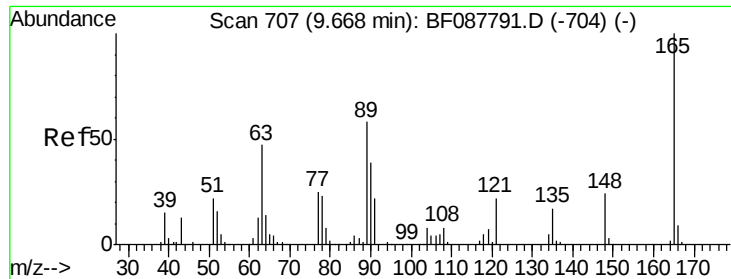
Tot Ion:152 Resp: 313393
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.4
153 13.7 11.0 16.6



#49
Dimethylphthalate
Concen: 23.51 ng
RT: 9.31 min Scan# 676
Delta R.T. -0.30 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Tgt Ion:163 Resp: 237977
Ion Ratio Lower Upper
163 100
194 3.3 2.8 4.2
164 9.9 8.3 12.5

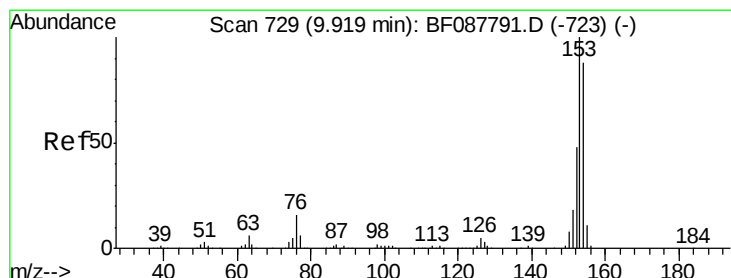
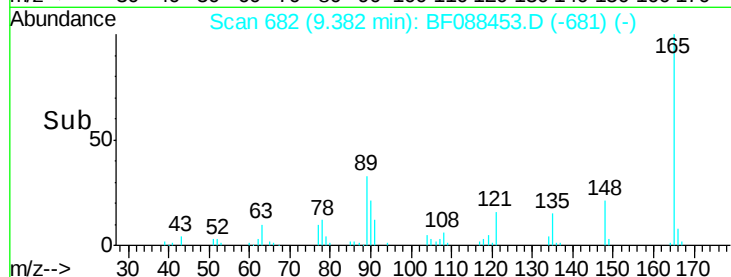
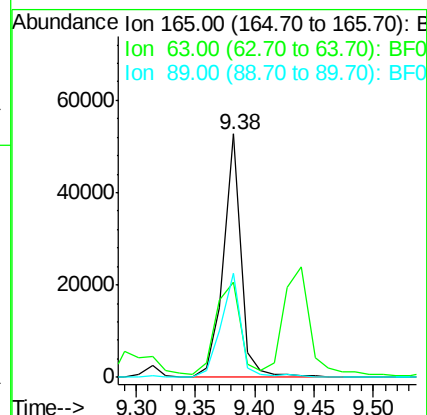
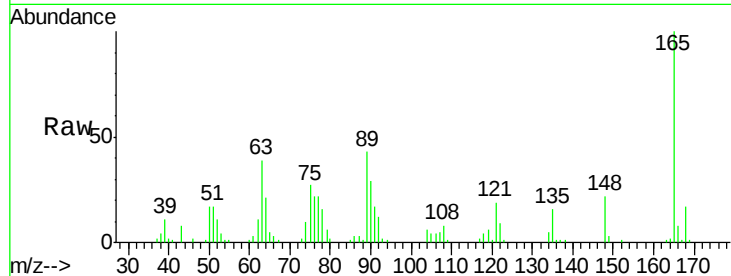




#50
2,6-Dinitrotoluene
Concen: 23.16 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.29 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

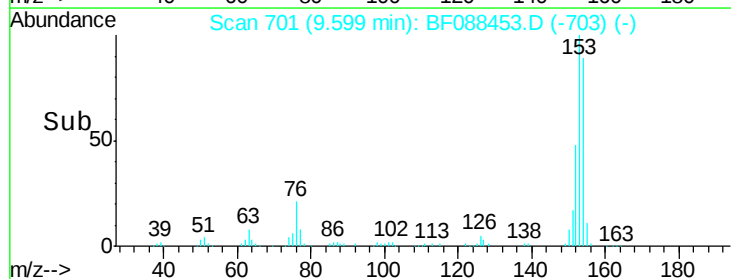
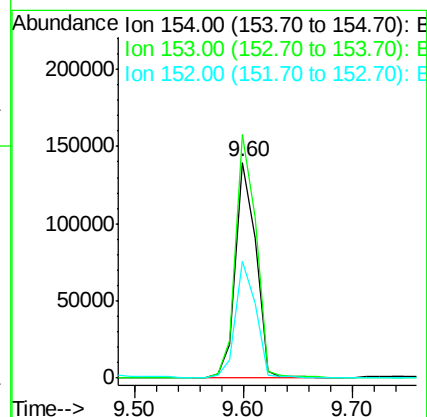
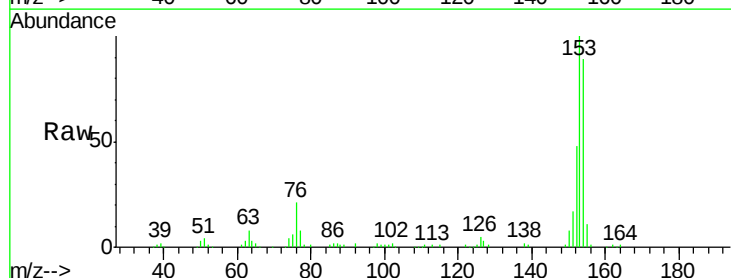
Instrument :
BNA_F
ClientSampleId :

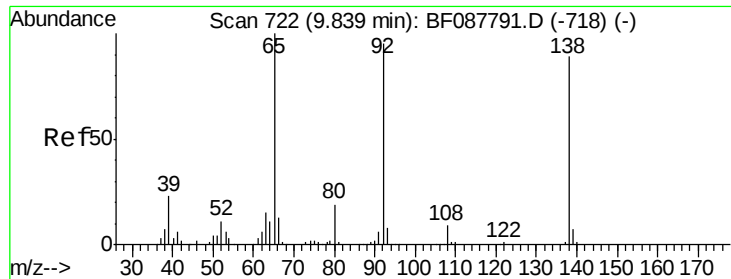
Tot Ion	Ratio	Lower	Upper
165	100		
63	39.0	28.1	42.1
89	42.8	32.2	48.2



#51
Acenaphthene
Concen: 20.15 ng
RT: 9.60 min Scan# 701
Delta R.T. -0.32 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.8	89.5	134.3
152	54.0	42.7	64.1





#52

3-Nitroaniline

Concen: 15.55 ng

RT: 9.55 min Scan# 697

Delta R.T. -0.29 min

Lab File: BF088453.D

Acq: 27 Jun 2016 13:49

Instrument :

BNA_F

ClientSampleId :

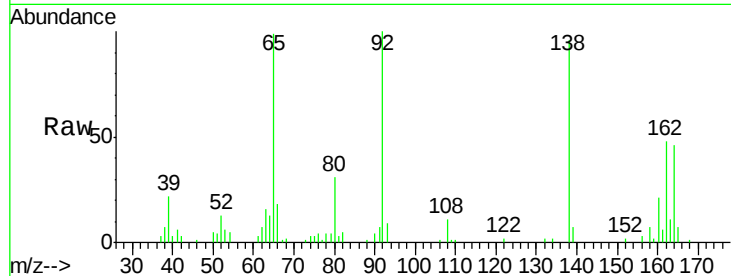
Tot Ion:138 Resp: 41609

Ion Ratio Lower Upper

138 100

108 11.9 8.5 12.7

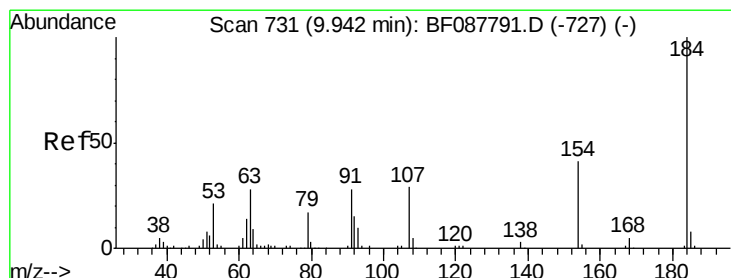
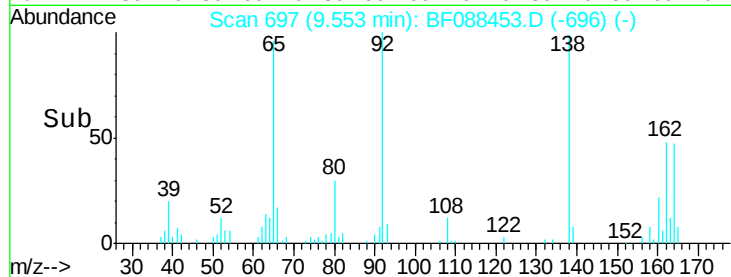
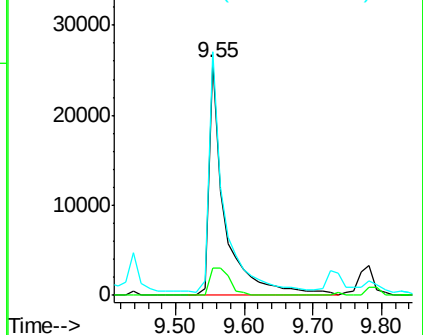
92 104.4 95.7 143.5



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: 6.93 ng

RT: 9.75 min Scan# 714

Delta R.T. -0.19 min

Lab File: BF088453.D

Acq: 27 Jun 2016 13:49

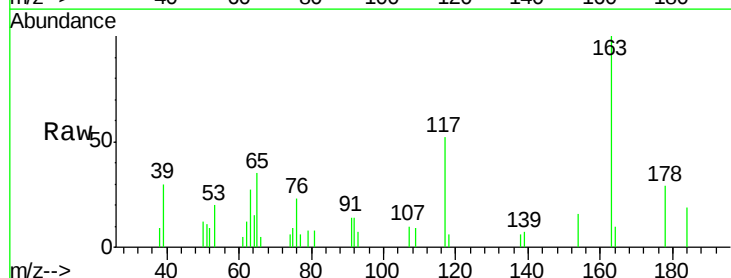
Tgt Ion:184 Resp: 4037

Ion Ratio Lower Upper

184 100

63 142.1 57.6 86.4#

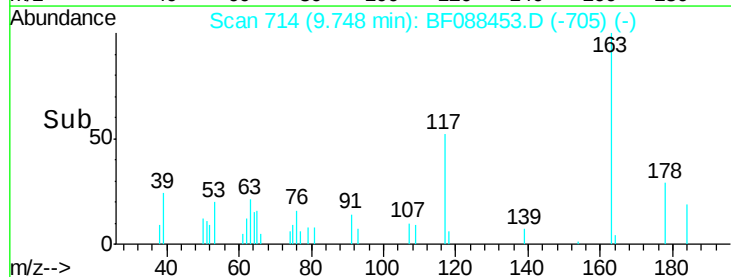
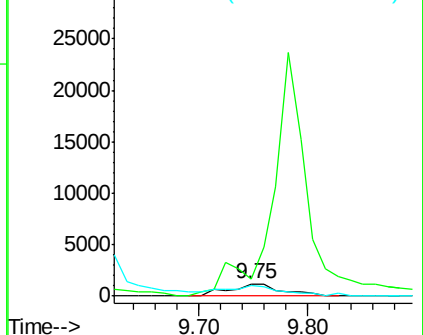
154 88.4 53.5 80.3#

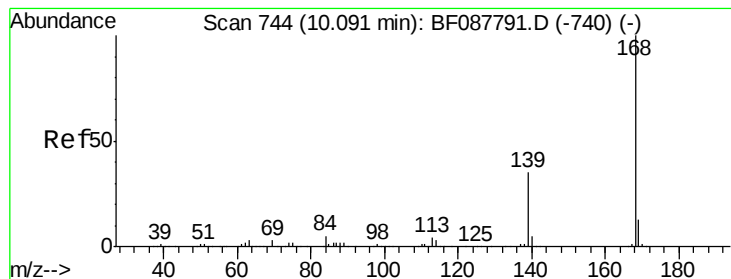


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 22.43 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.31 min

Lab File: BF088453.D

Acq: 27 Jun 2016 13:49

Instrument :

BNA_F

ClientSampleId :

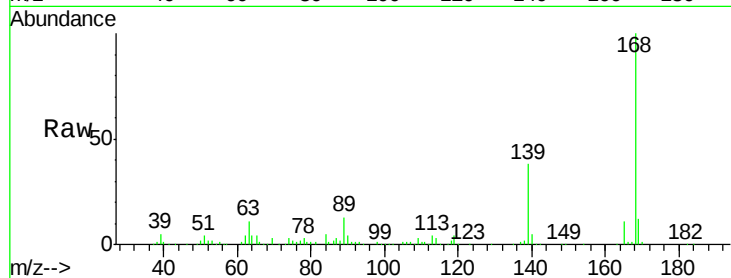
Tot Ion:168 Resp: 277207

Ion Ratio Lower Upper

168 100

139 38.4 26.4 39.6

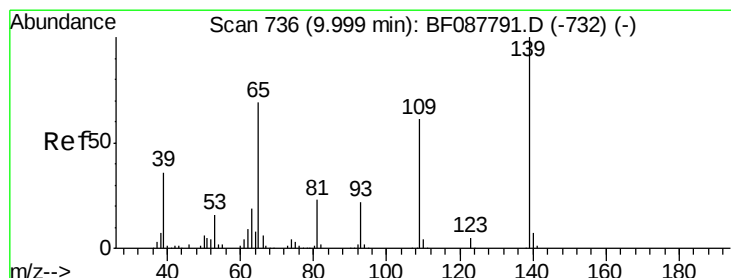
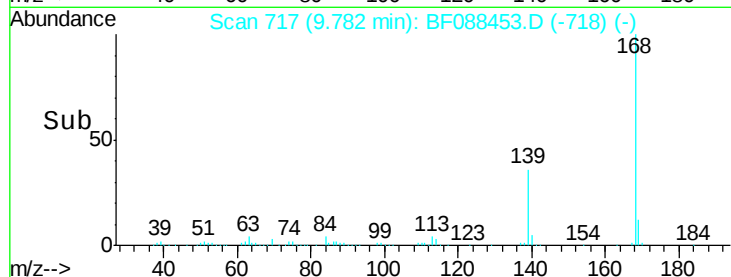
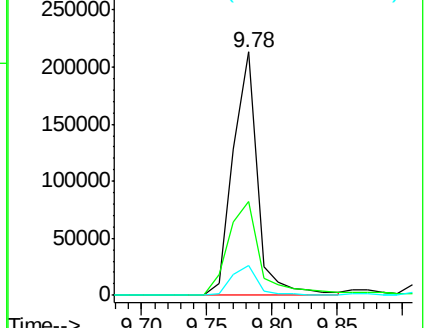
169 12.5 10.4 15.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 73.37 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.22 min

Lab File: BF088453.D

Acq: 27 Jun 2016 13:49

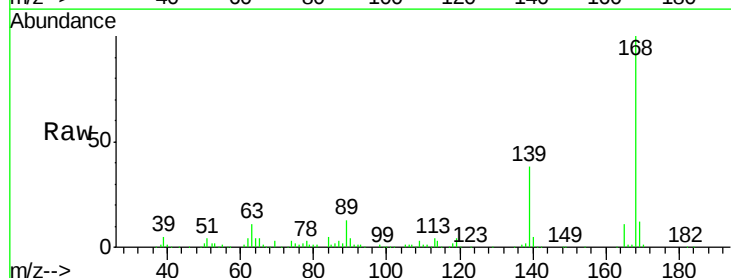
Tgt Ion:139 Resp: 152349

Ion Ratio Lower Upper

139 100

109 7.1 48.9 88.9#

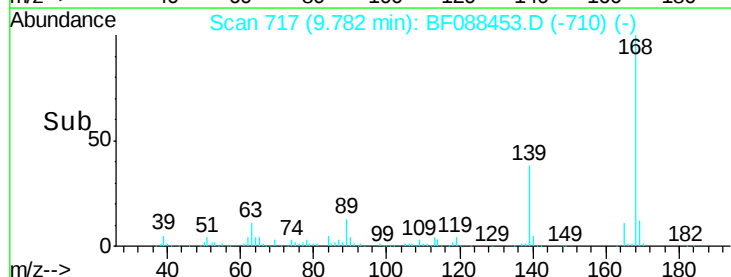
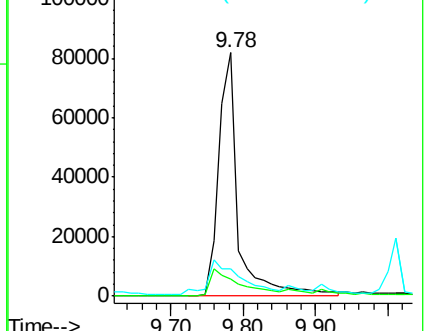
65 11.4 84.9 124.9#

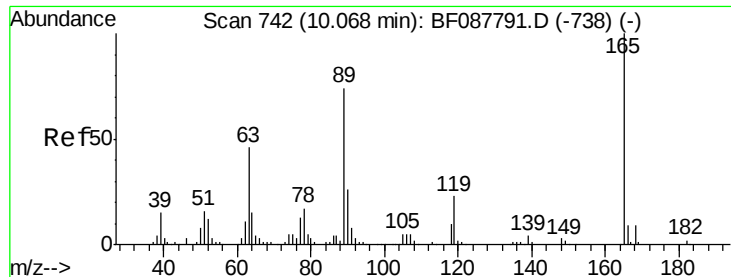


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 22.47 ng

RT: 9.79 min Scan# 718

Delta R.T. -0.27 min

Lab File: BF088453.D

Acq: 27 Jun 2016 13:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 66957

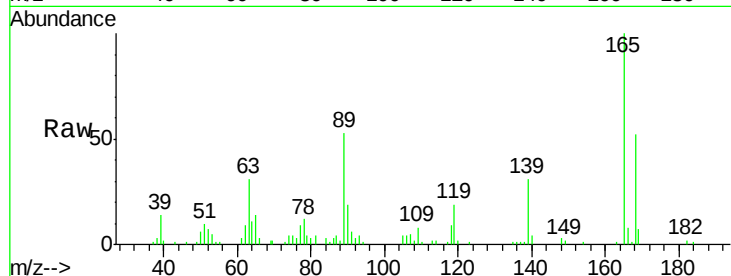
Ion Ratio Lower Upper

165 100

63 31.5 22.0 33.0

89 53.4 41.1 61.7

182 2.4 2.0 3.0

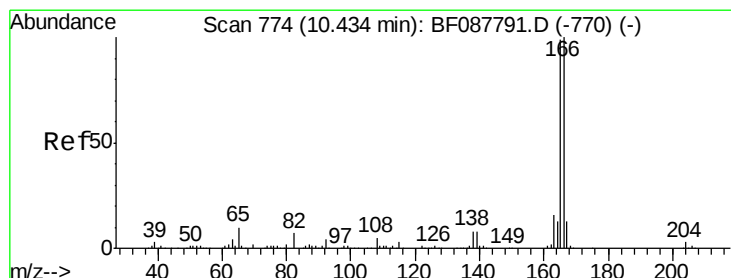
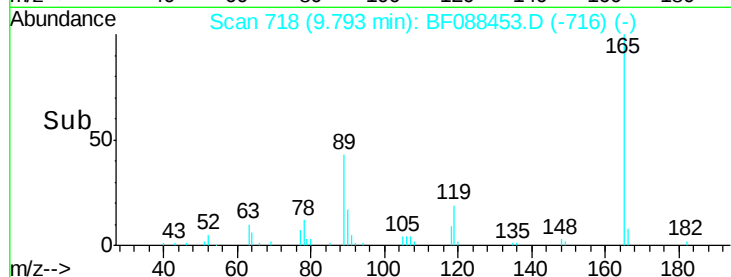
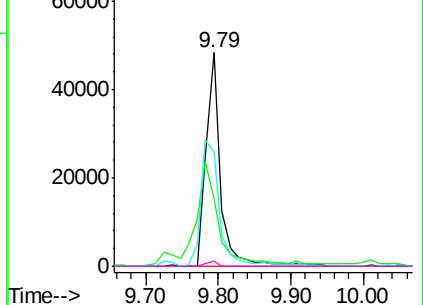


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 23.48 ng

RT: 10.11 min Scan# 746

Delta R.T. -0.32 min

Lab File: BF088453.D

Acq: 27 Jun 2016 13:49

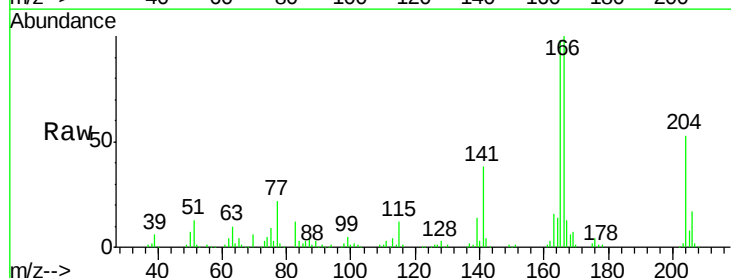
Tgt Ion:166 Resp: 215419

Ion Ratio Lower Upper

166 100

165 98.4 77.8 116.8

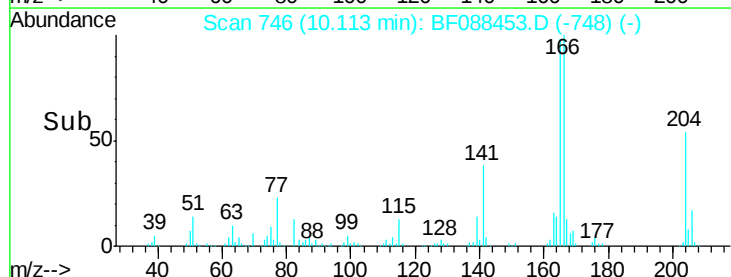
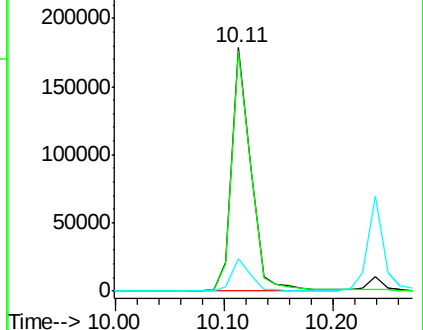
167 13.3 11.2 16.8

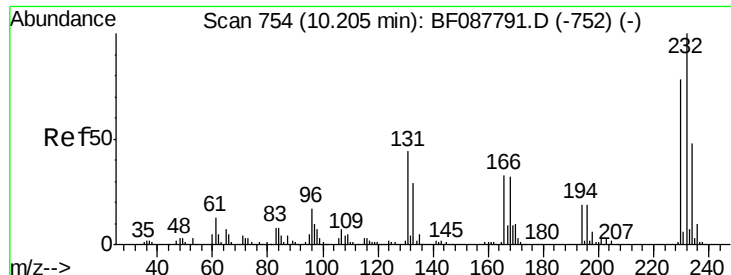


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

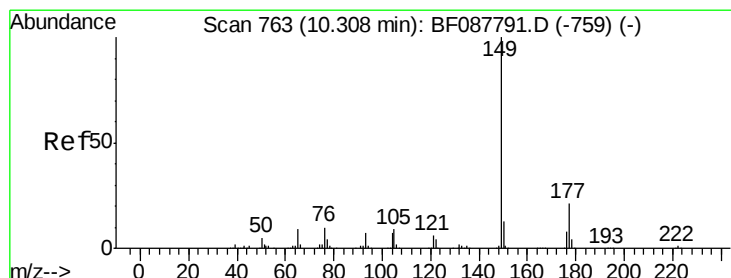
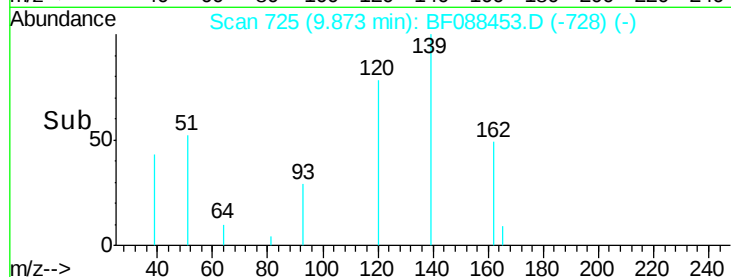
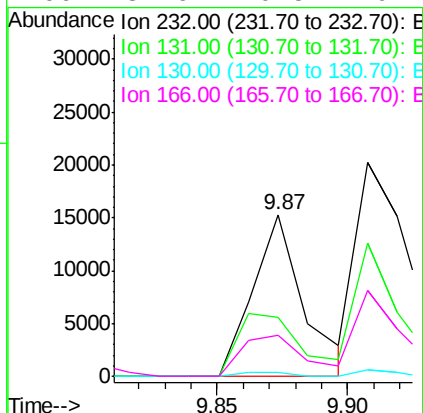
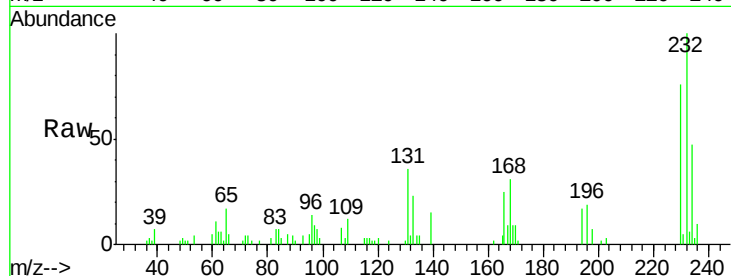




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 9.10 ng
 RT: 9.87 min Scan# 725
 Delta R.T. -0.33 min
 Lab File: BF088453.D
 Acq: 27 Jun 2016 13:49

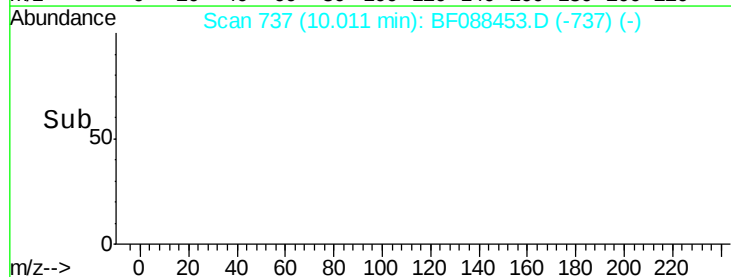
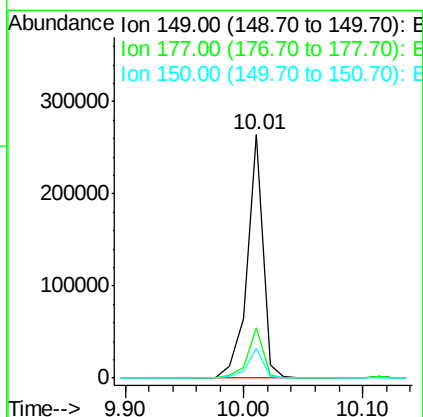
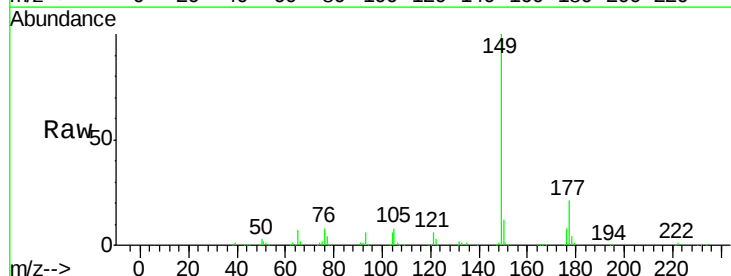
Instrument :
 BNA_F
 ClientSampleId :

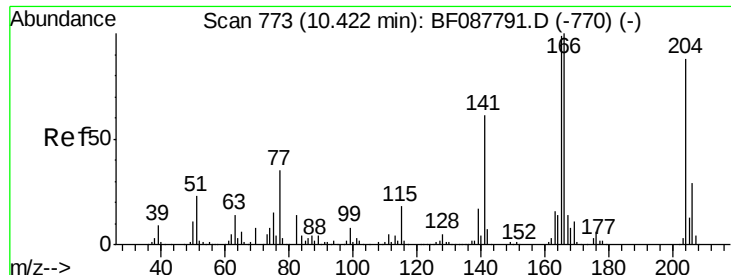
Tot Ion:232 Resp: 20792
 Ion Ratio Lower Upper
 232 100
 131 49.2 0.9 1.3#
 130 2.3 1.5 2.3#
 166 31.6 0.5 0.7#



#59
 Diethylphthalate
 Concen: 24.19 ng
 RT: 10.01 min Scan# 737
 Delta R.T. -0.30 min
 Lab File: BF088453.D
 Acq: 27 Jun 2016 13:49

Tgt Ion:149 Resp: 247883
 Ion Ratio Lower Upper
 149 100
 177 20.7 16.9 25.3
 150 12.2 10.1 15.1

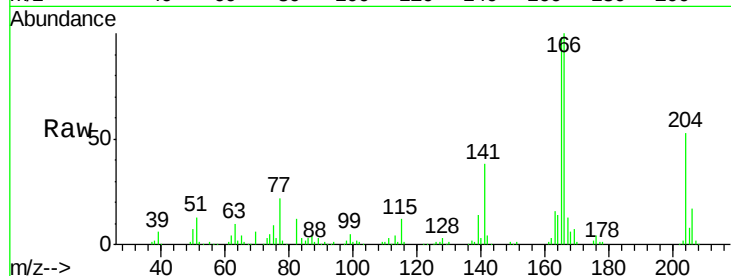




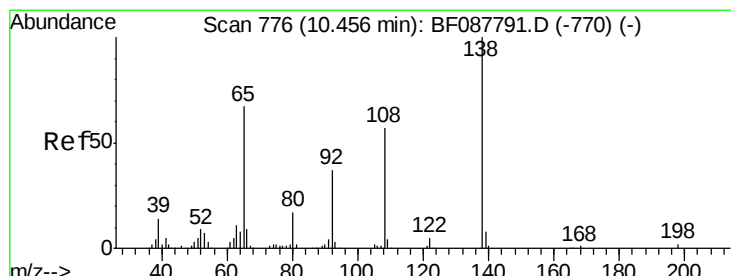
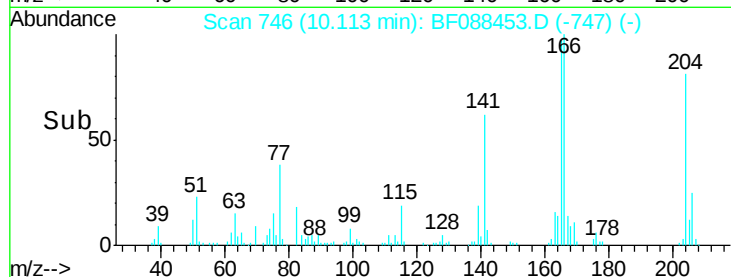
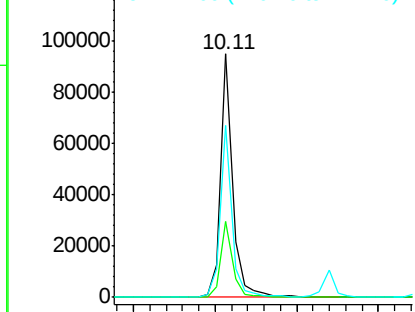
#60
4-Chlorophenyl-phenylether
Concen: 23.73 ng
RT: 10.11 min Scan# 746
Delta R.T. -0.31 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 97540
Ion Ratio Lower Upper
204 100
206 31.4 26.3 39.5
141 70.5 55.0 82.6

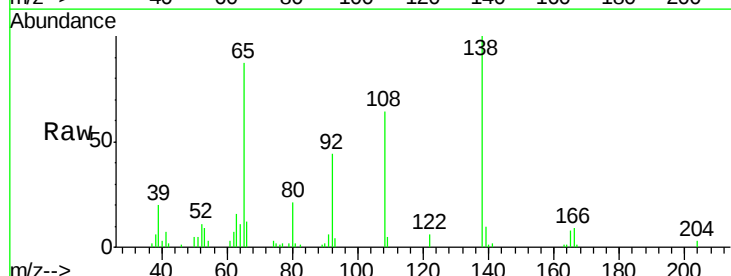


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

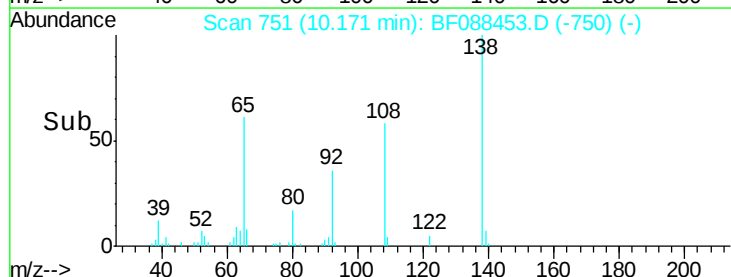
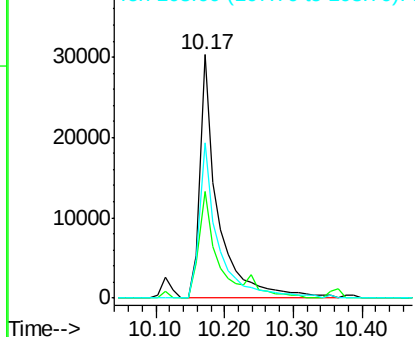


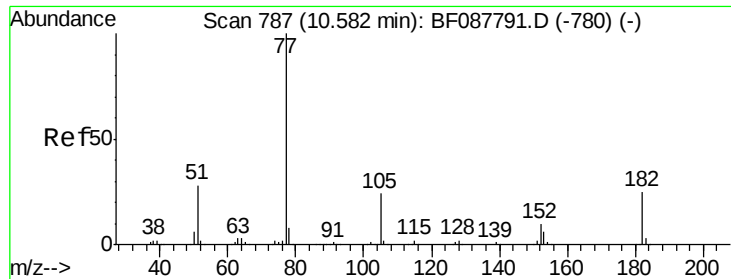
#61
4-Nitroaniline
Concen: 21.40 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.29 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Tgt Ion:138 Resp: 54301
Ion Ratio Lower Upper
138 100
92 43.8 27.3 67.3
108 63.8 46.7 86.7



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





#62

Azobenzene

Concen: 22.92 ng

RT: 10.27 min Scan# 760

Delta R.T. -0.31 min

Lab File: BF088453.D

Acq: 27 Jun 2016 13:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 232232

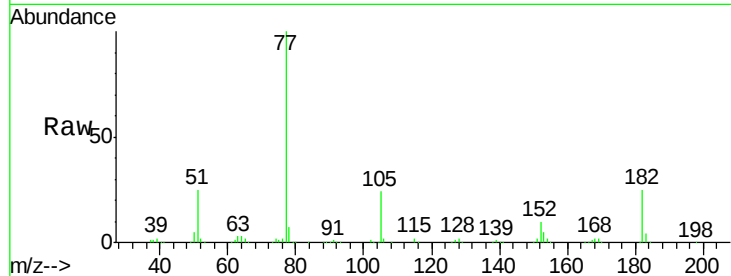
Ion Ratio Lower Upper

77 100

182 25.4 4.4 44.4

105 23.9 3.8 43.8

51 24.8 9.3 49.3

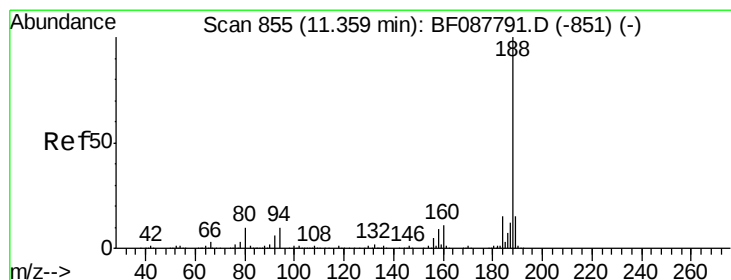
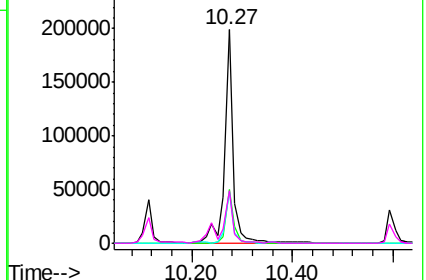
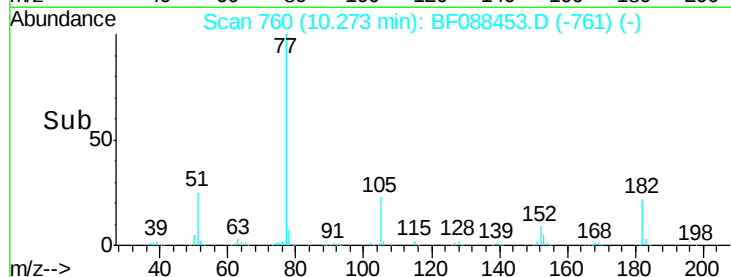


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.05 min Scan# 828

Delta R.T. -0.31 min

Lab File: BF088453.D

Acq: 27 Jun 2016 13:49

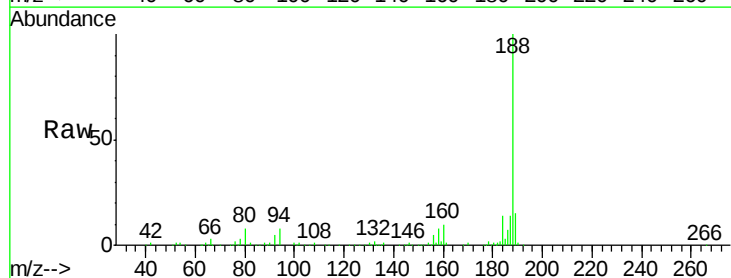
Tgt Ion: 188 Resp: 266523

Ion Ratio Lower Upper

188 100

94 8.1 9.0 13.6#

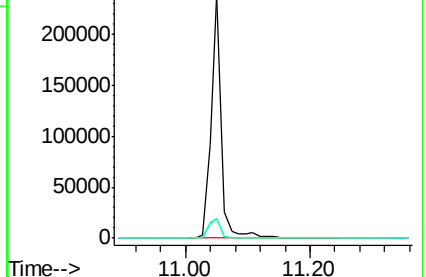
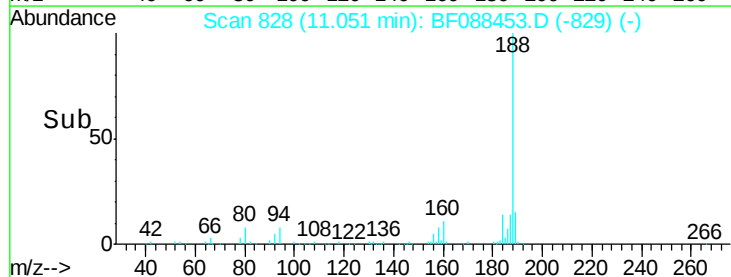
80 8.2 10.0 15.0#

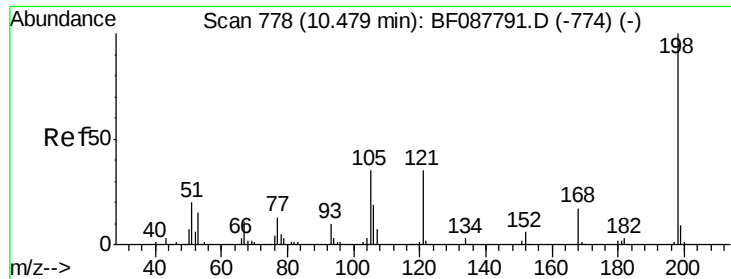


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

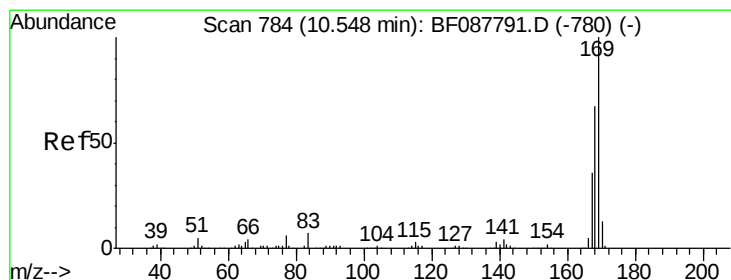
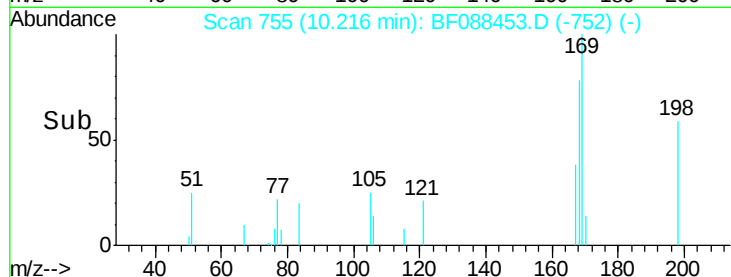
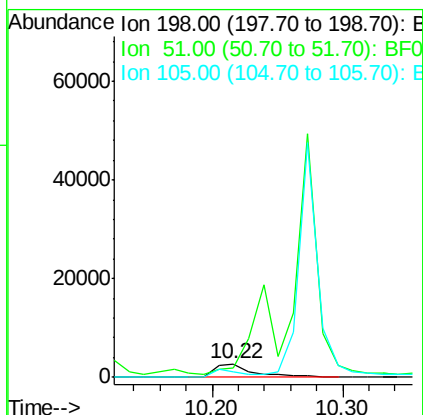
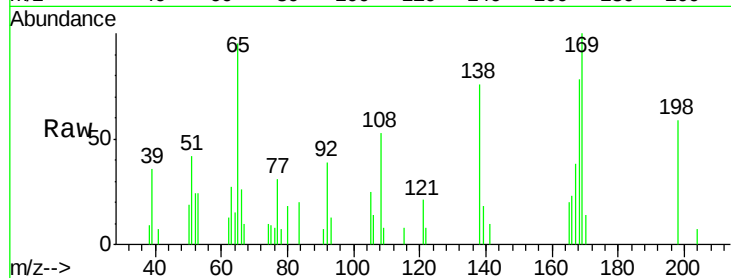




#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.39 ng
 RT: 10.22 min Scan# 755
 Delta R.T. -0.26 min
 Lab File: BF088453.D
 Acq: 27 Jun 2016 13:49

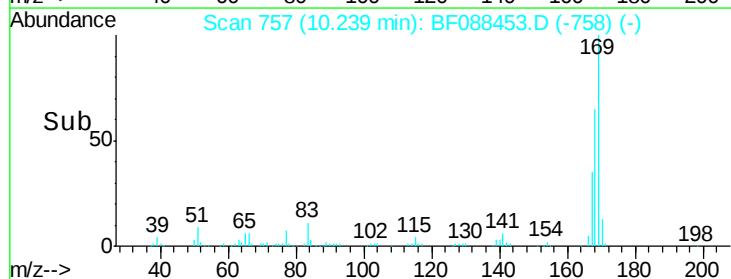
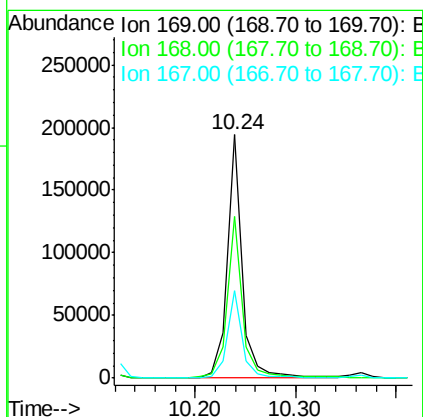
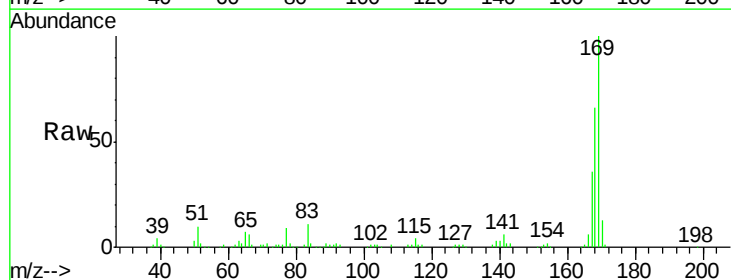
Instrument :
 BNA_F
 ClientSampleId :

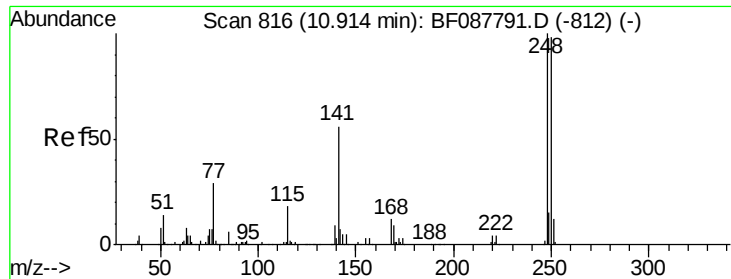
Tot Ion:198 Resp: 5628
 Ion Ratio Lower Upper
 198 100
 51 72.3 39.6 79.6
 105 42.6 36.6 76.6



#65
 n-Nitrosodiphenylamine
 Concen: 22.98 ng
 RT: 10.24 min Scan# 757
 Delta R.T. -0.31 min
 Lab File: BF088453.D
 Acq: 27 Jun 2016 13:49

Tgt Ion:169 Resp: 203215
 Ion Ratio Lower Upper
 169 100
 168 66.4 53.4 80.0
 167 35.7 29.4 44.0

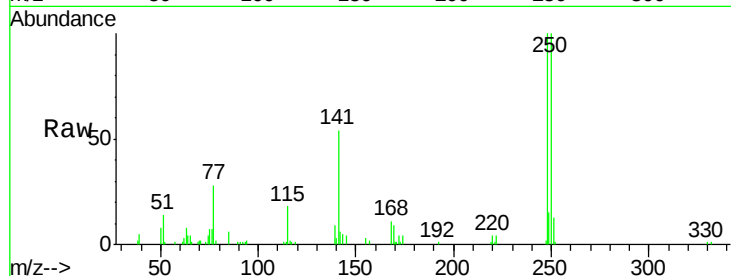




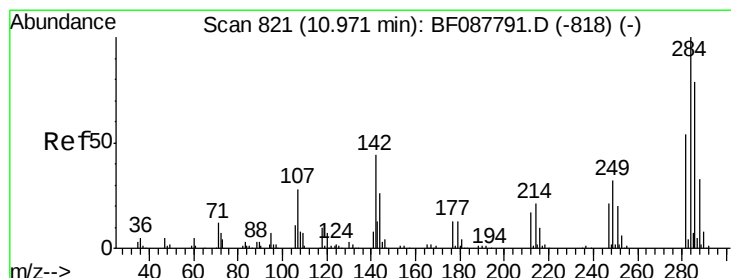
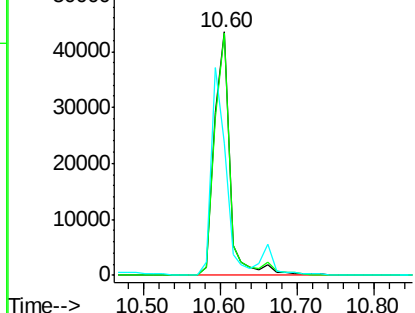
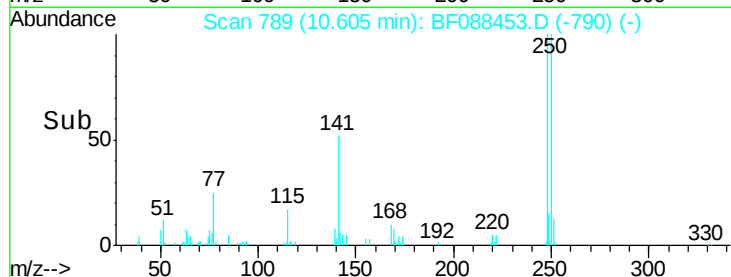
#66
4-Bromophenyl-phenylether
Concen: 21.22 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.31 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 60678
Ion Ratio Lower Upper
248 100
250 99.7 77.1 115.7
141 54.1 50.6 76.0

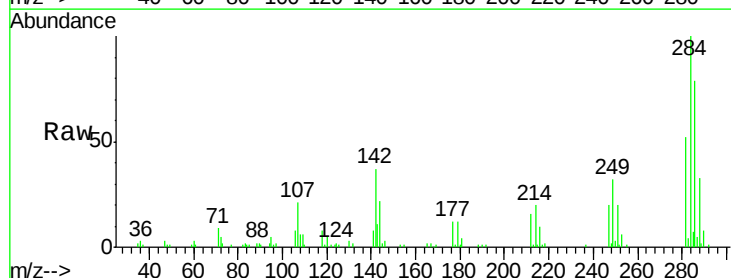


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

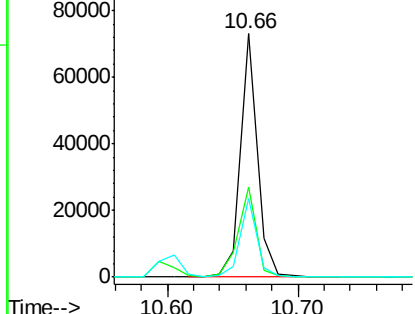
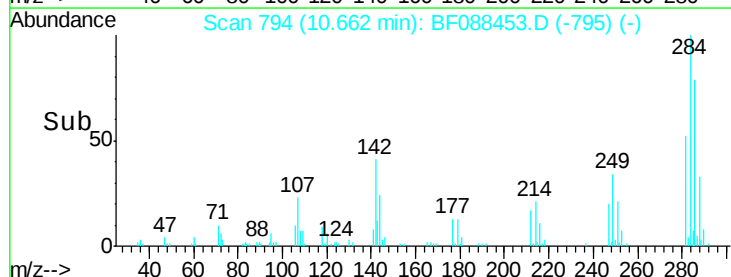


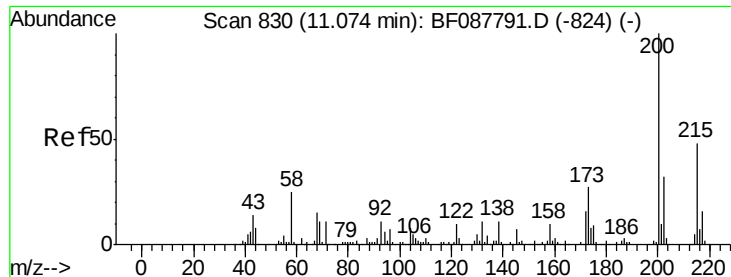
#67
Hexachlorobenzene
Concen: 21.98 ng
RT: 10.66 min Scan# 794
Delta R.T. -0.31 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Tgt Ion:284 Resp: 65298
Ion Ratio Lower Upper
284 100
142 37.1 35.8 53.8
249 32.5 25.8 38.6



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

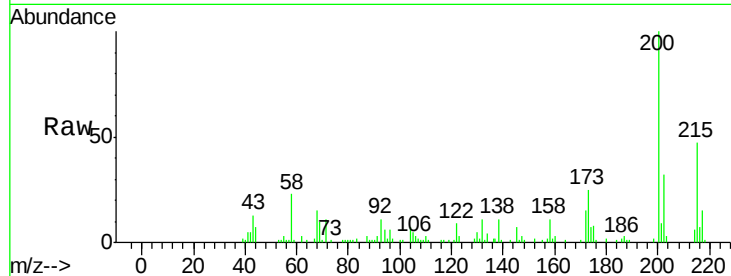




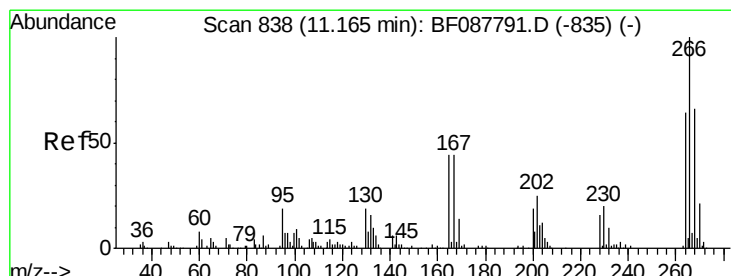
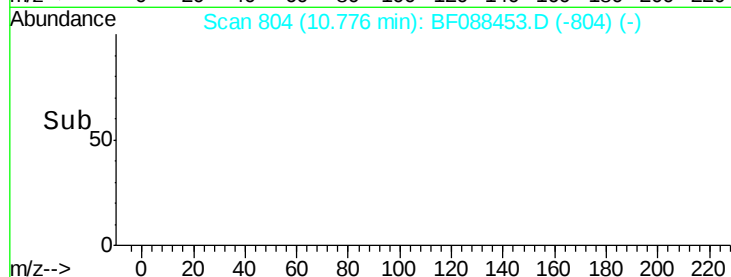
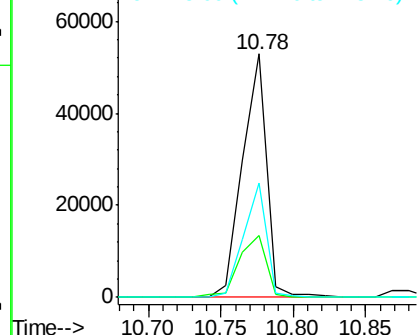
#68
Atrazine
Concen: 22.84 ng
RT: 10.78 min Scan# 804
Delta R.T. -0.30 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 61161
Ion Ratio Lower Upper
200 100
173 25.5 4.0 44.0
215 47.0 29.3 69.3

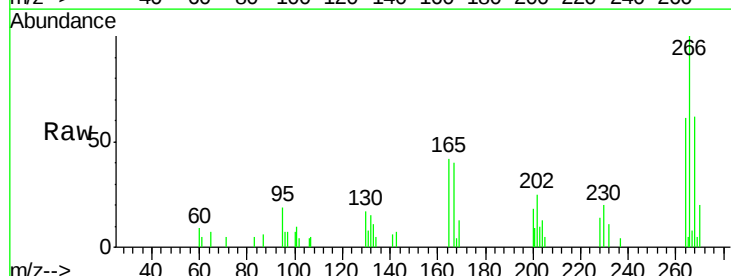


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

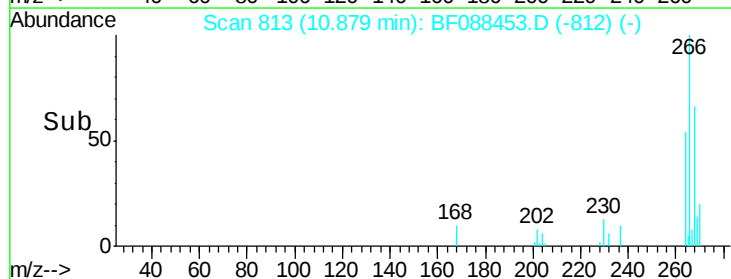
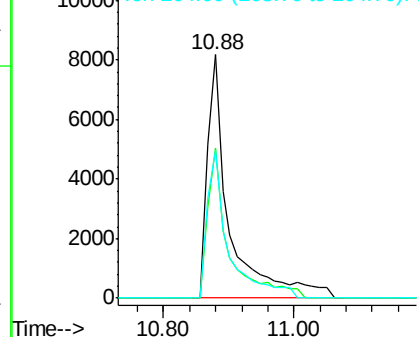


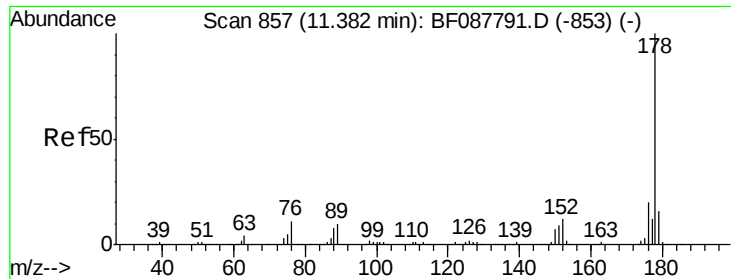
#69
Pentachlorophenol
Concen: 12.11 ng
RT: 10.88 min Scan# 813
Delta R.T. -0.29 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Tgt Ion:266 Resp: 18967
Ion Ratio Lower Upper
266 100
268 61.8 52.8 79.2
264 60.7 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

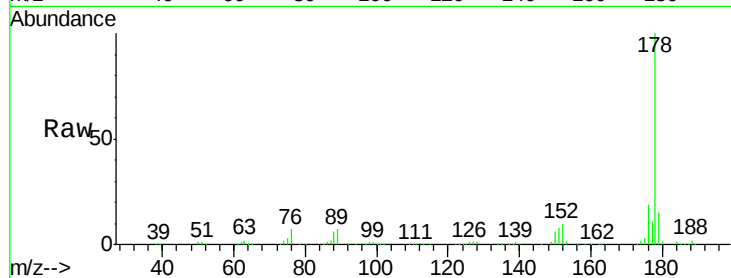




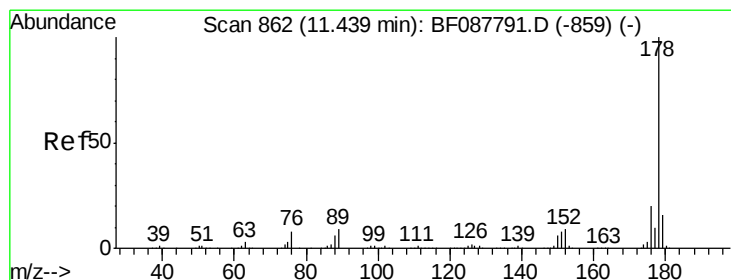
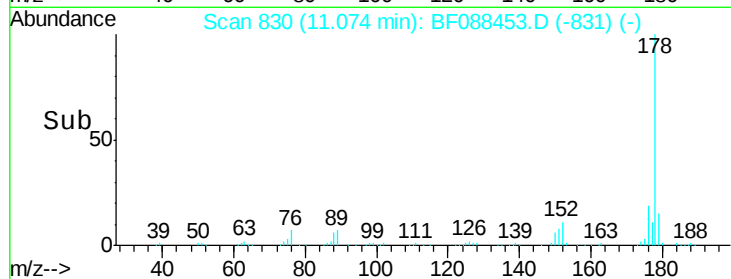
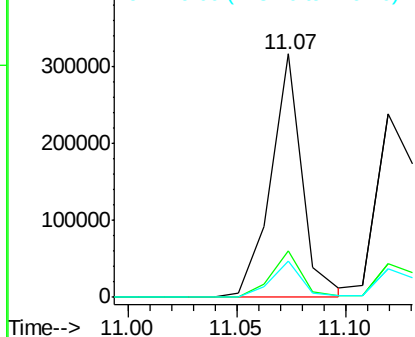
#70
Phenanthrene
Concen: 22.81 ng
RT: 11.07 min Scan# 830
Delta R.T. -0.31 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 319065
Ion Ratio Lower Upper
178 100
176 19.2 15.8 23.6
179 15.0 13.0 19.4

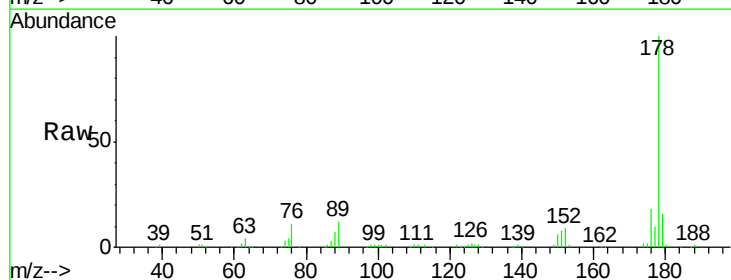


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

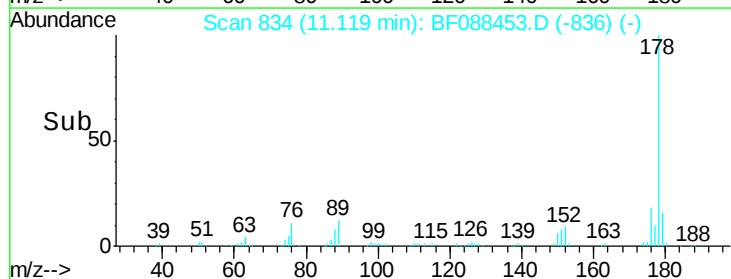
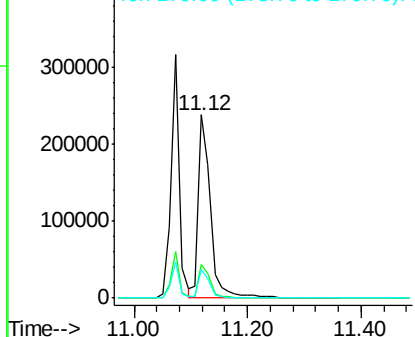


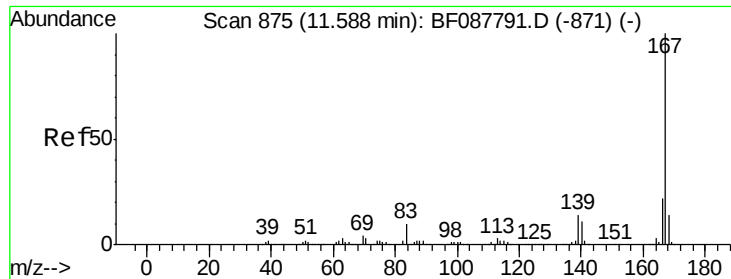
#71
Anthracene
Concen: 24.61 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.32 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Tgt Ion:178 Resp: 347236
Ion Ratio Lower Upper
178 100
176 18.4 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

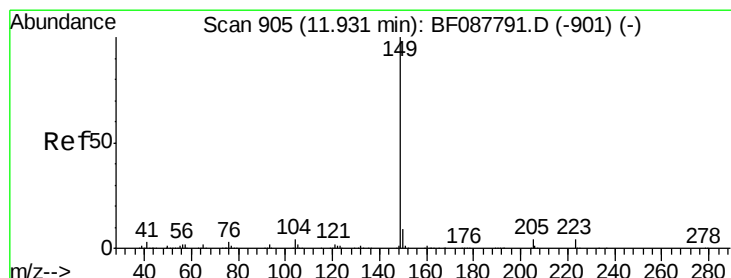
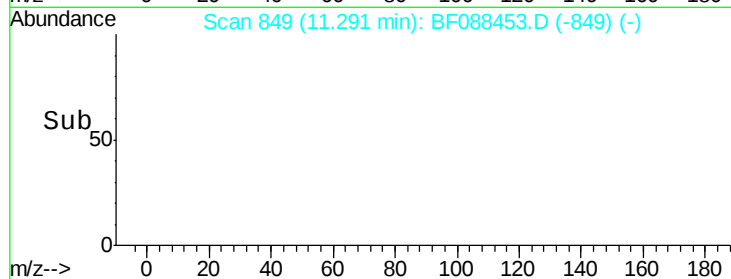
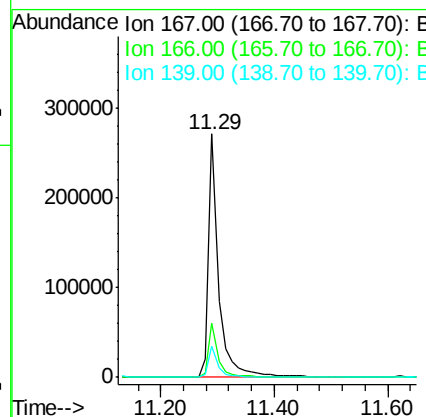
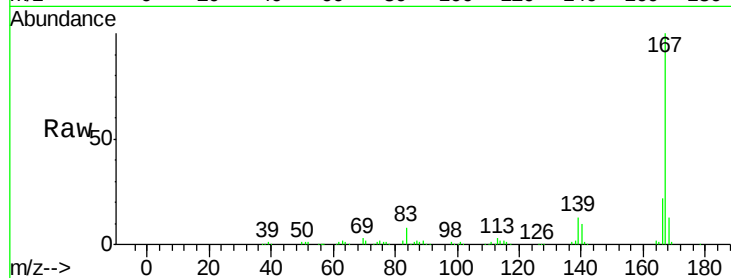




#72
 Carbazole
 Concen: 24.67 ng
 RT: 11.29 min Scan# 849
 Delta R.T. -0.30 min
 Lab File: BF088453.D
 Acq: 27 Jun 2016 13:49

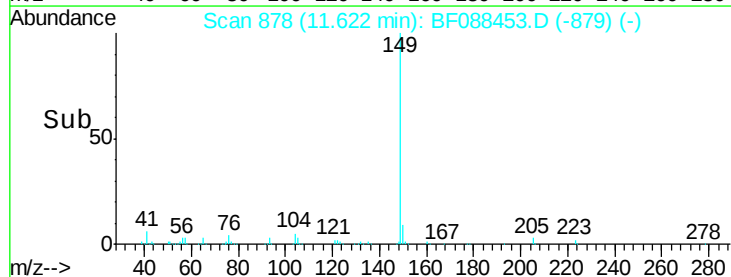
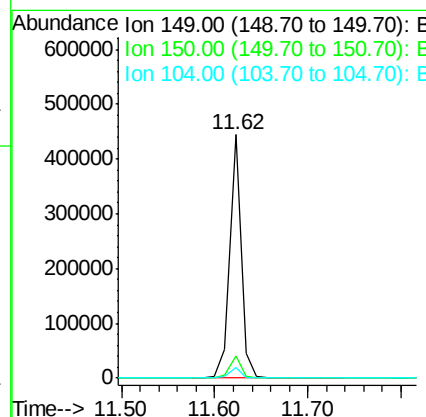
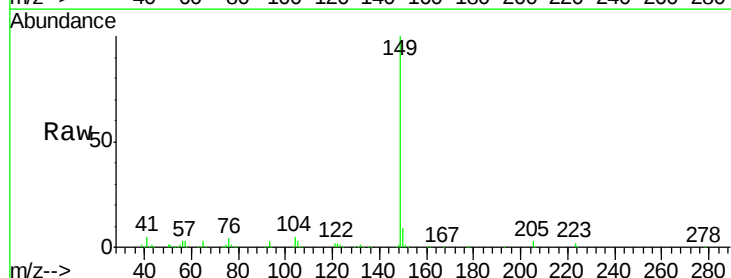
Instrument :
 BNA_F
 ClientSampleId :

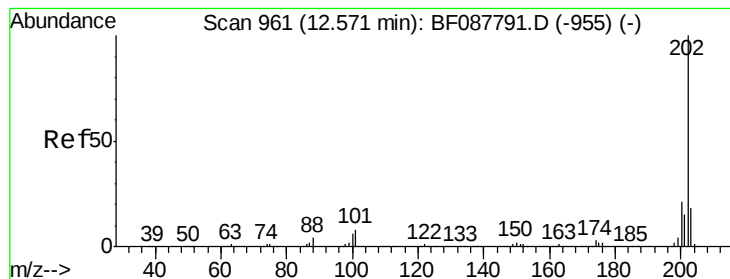
Tot Ion:167 Resp: 325703
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.8 26.6
 139 13.0 11.2 16.8



#73
 Di-n-butylphthalate
 Concen: 22.62 ng
 RT: 11.62 min Scan# 878
 Delta R.T. -0.31 min
 Lab File: BF088453.D
 Acq: 27 Jun 2016 13:49

Tgt Ion:149 Resp: 378036
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.8 11.6
 104 4.6 4.0 6.0





#74

Fluoranthene

Concen: 22.64 ng

RT: 12.25 min Scan# 933

Delta R.T. -0.32 min

Lab File: BF088453.D

Acq: 27 Jun 2016 13:49

Instrument :

BNA_F

ClientSampleId :

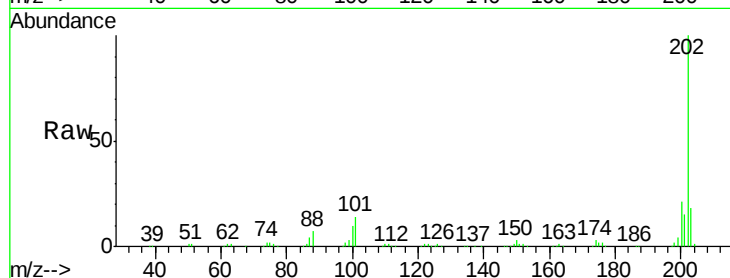
Tot Ion:202 Resp: 334182

Ion Ratio Lower Upper

202 100

101 14.0 0.0 33.1

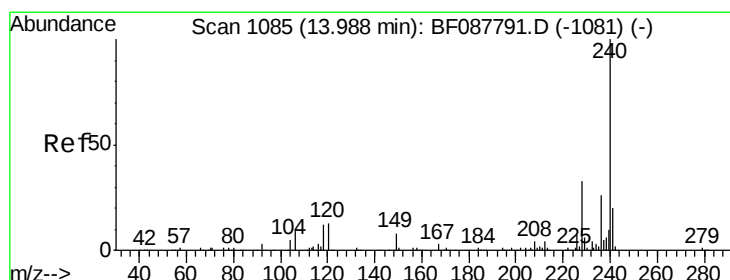
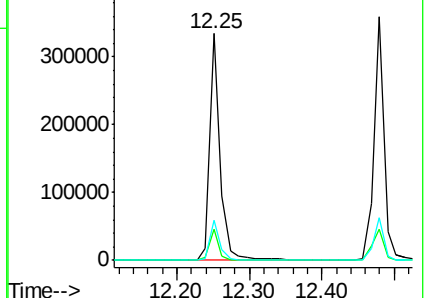
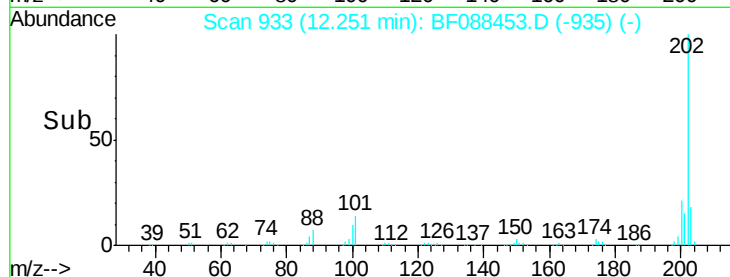
203 18.0 0.0 38.1



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: 13.68 min Scan# 1058

Delta R.T. -0.31 min

Lab File: BF088453.D

Acq: 27 Jun 2016 13:49

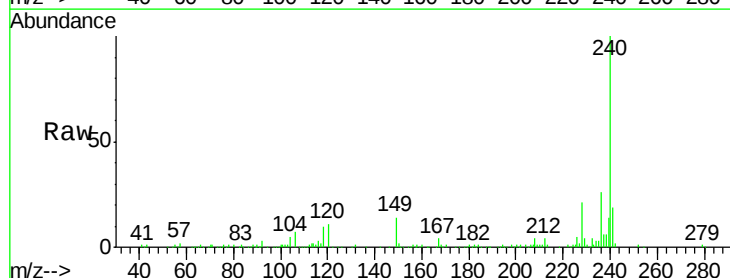
Tgt Ion:240 Resp: 220111

Ion Ratio Lower Upper

240 100

120 10.7 6.8 10.2#

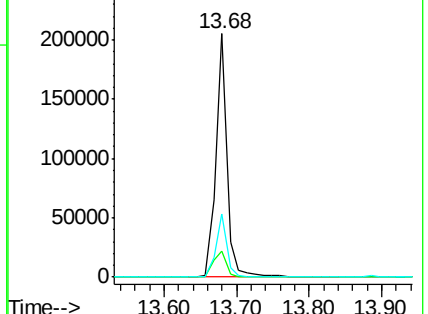
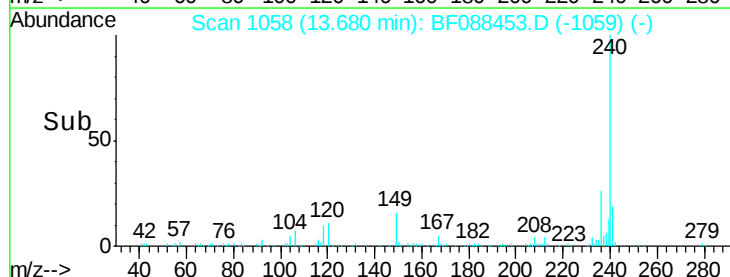
236 26.0 20.2 30.2

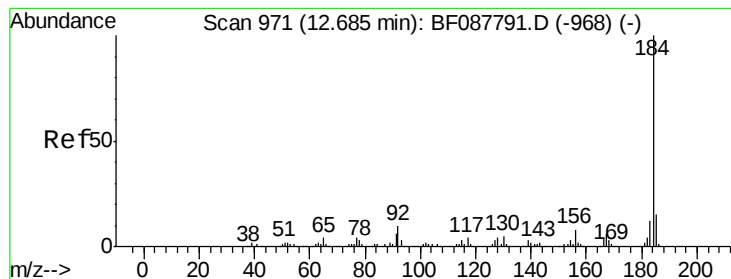


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 41.07 ng

RT: 12.39 min Scan# 945

Delta R.T. -0.30 min

Lab File: BF088453.D

Acq: 27 Jun 2016 13:49

Instrument :

BNA_F

ClientSampleId :

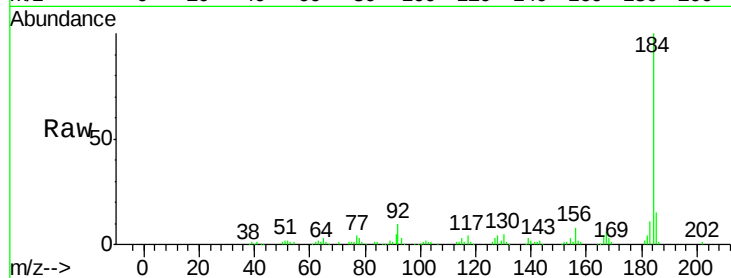
Tot Ion:184 Resp: 250278

Ion Ratio Lower Upper

184 100

185 14.6 12.5 18.7

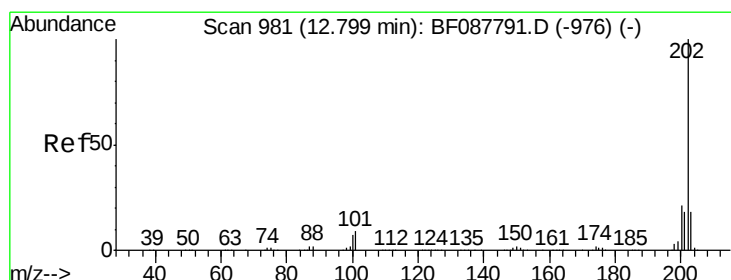
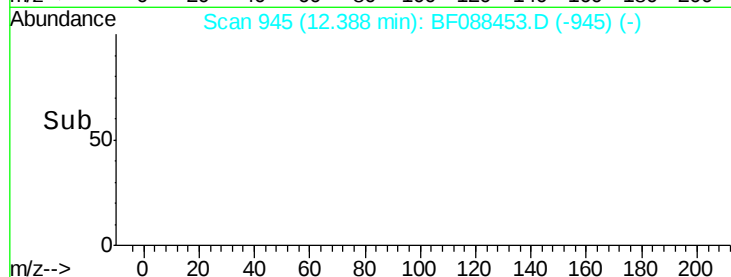
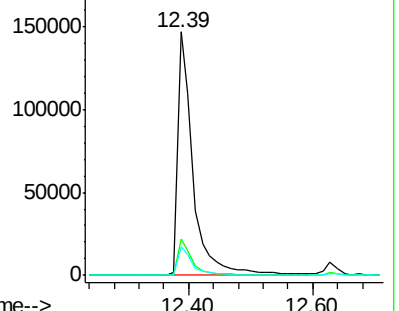
183 11.5 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 21.18 ng

RT: 12.48 min Scan# 953

Delta R.T. -0.32 min

Lab File: BF088453.D

Acq: 27 Jun 2016 13:49

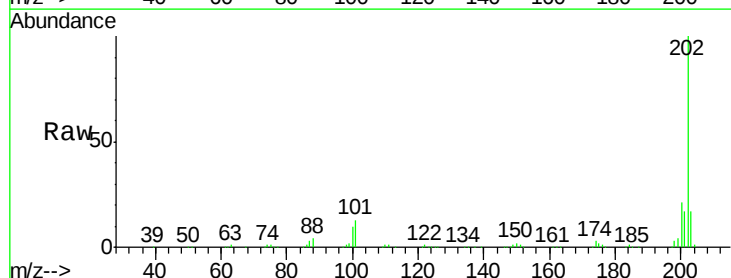
Tgt Ion:202 Resp: 345916

Ion Ratio Lower Upper

202 100

200 21.0 17.4 26.2

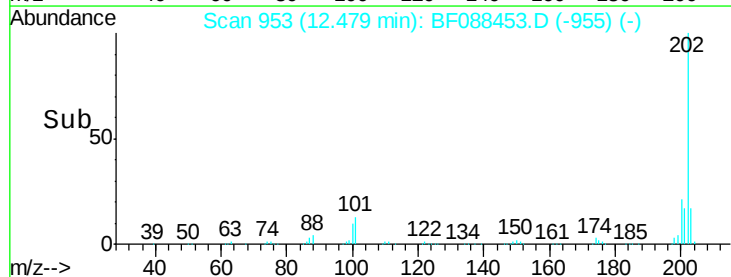
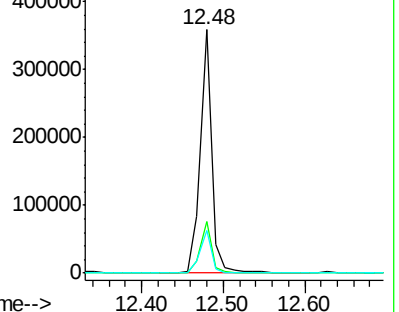
203 17.4 14.5 21.7

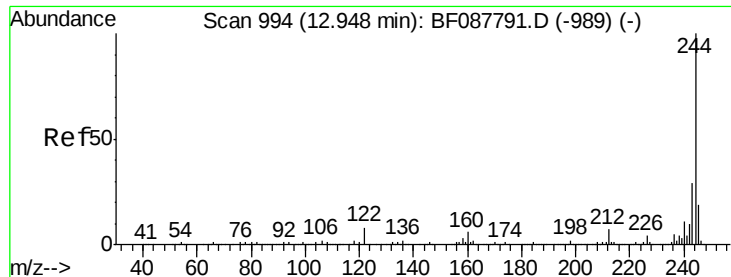


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

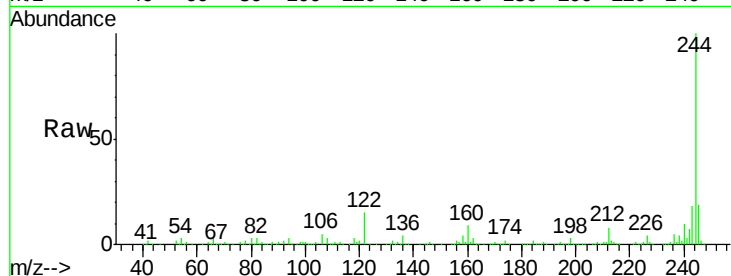




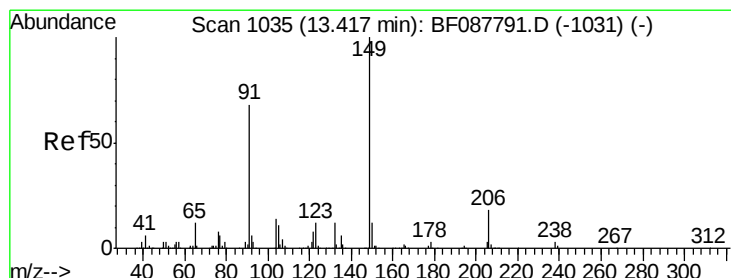
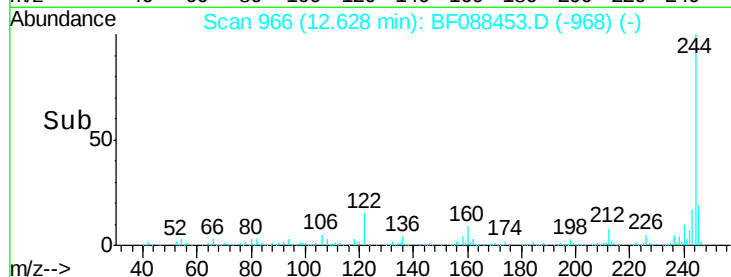
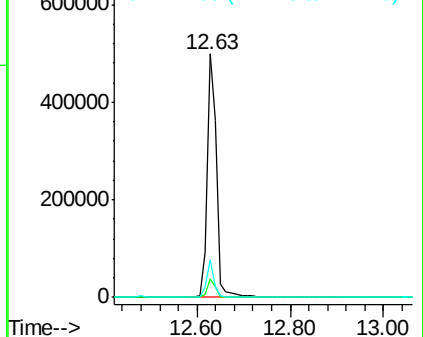
#78
 Terphenyl-d14
 Concen: 73.47 ng
 RT: 12.63 min Scan# 966
 Delta R.T. -0.32 min
 Lab File: BF088453.D
 Acq: 27 Jun 2016 13:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 710669
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 15.2 11.2 16.8

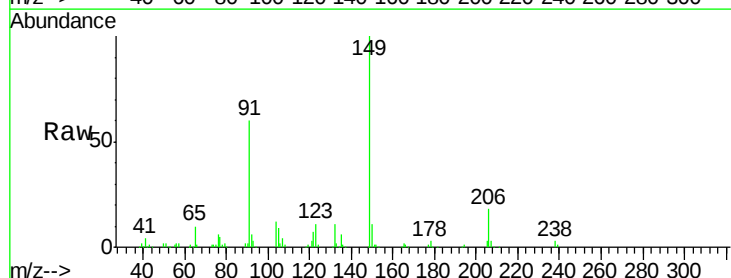


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

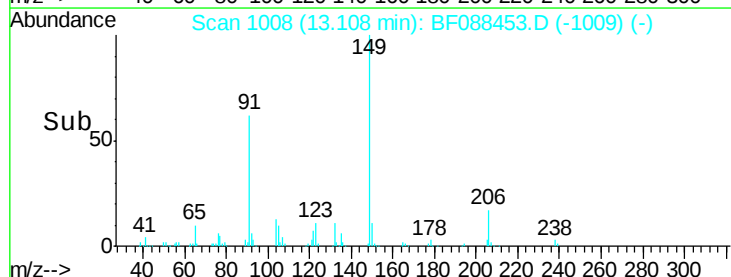
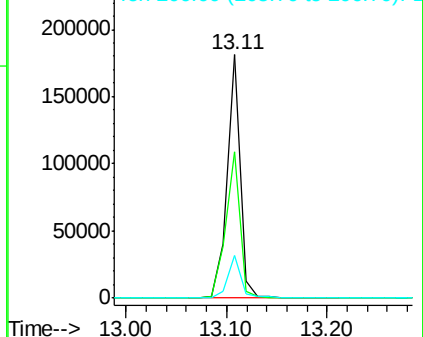


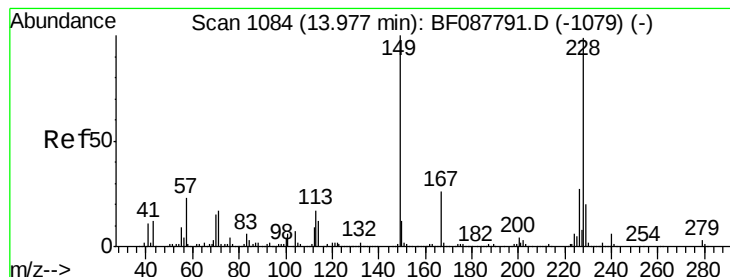
#79
 Butylbenzylphthalate
 Concen: 22.74 ng
 RT: 13.11 min Scan# 1008
 Delta R.T. -0.31 min
 Lab File: BF088453.D
 Acq: 27 Jun 2016 13:49

Tgt Ion:149 Resp: 164242
 Ion Ratio Lower Upper
 149 100
 91 60.3 48.0 72.0
 206 17.7 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: 20.86 ng

RT: 13.67 min Scan# 1057

Delta R.T. -0.31 min

Lab File: BF088453.D

Acq: 27 Jun 2016 13:49

Instrument :

BNA_F

ClientSampleId :

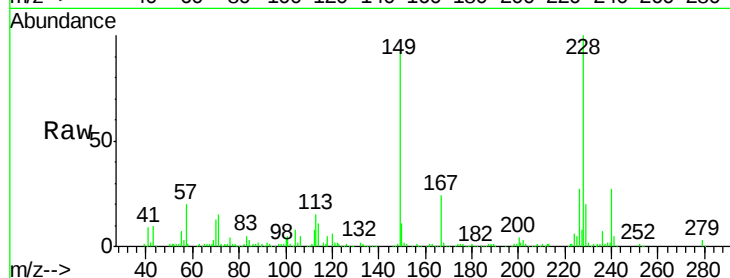
Tot Ion:228 Resp: 261648

Ion Ratio Lower Upper

228 100

226 26.8 22.3 33.5

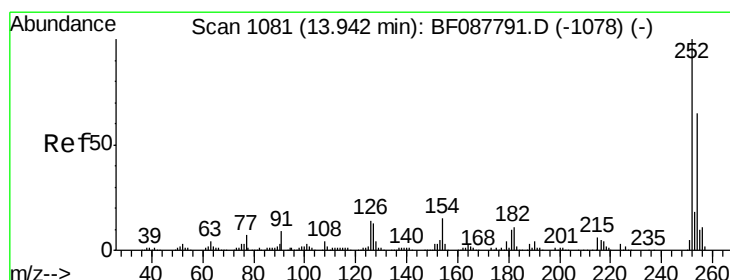
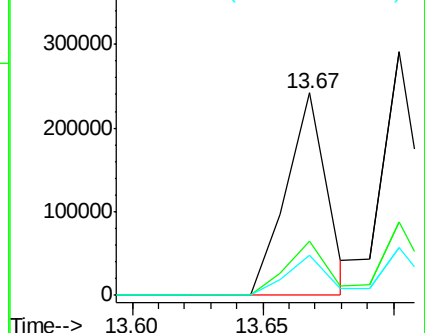
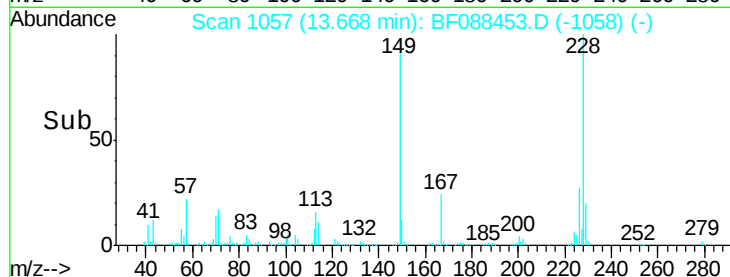
229 19.5 16.0 24.0



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: 15.14 ng

RT: 13.63 min Scan# 1054

Delta R.T. -0.31 min

Lab File: BF088453.D

Acq: 27 Jun 2016 13:49

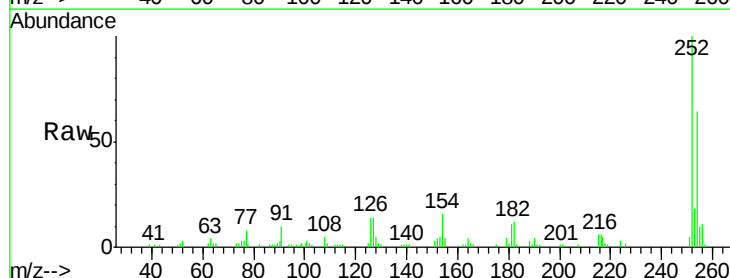
Tgt Ion:252 Resp: 51057

Ion Ratio Lower Upper

252 100

254 64.1 52.6 78.8

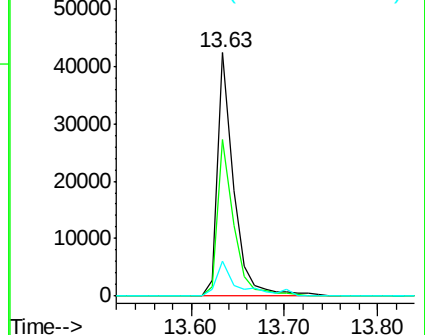
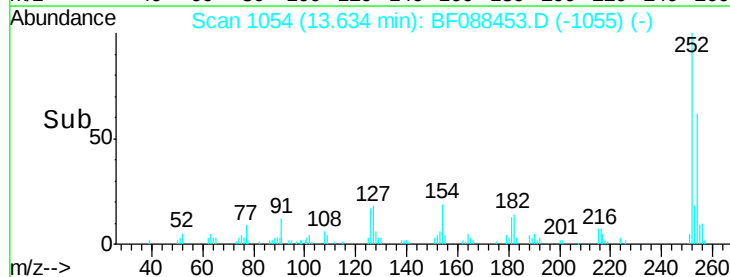
126 14.2 6.2 9.2#

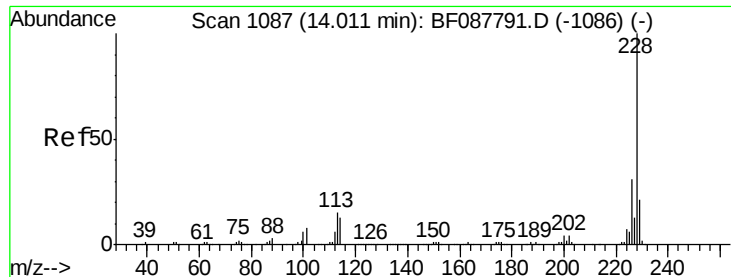


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 25.67 ng

RT: 13.70 min Scan# 1060

Delta R.T. -0.31 min

Lab File: BF088453.D

Acq: 27 Jun 2016 13:49

Instrument :

BNA_F

ClientSampleId :

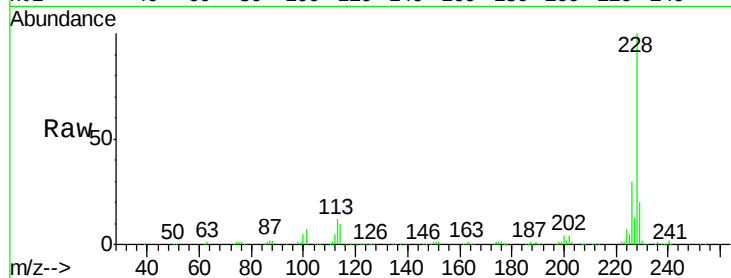
Tot Ion:228 Resp: 302953

Ion Ratio Lower Upper

228 100

226 30.0 25.4 38.2

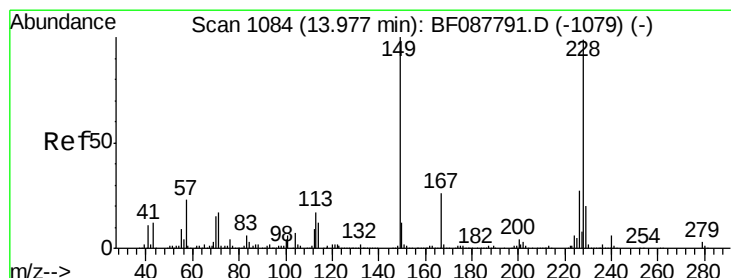
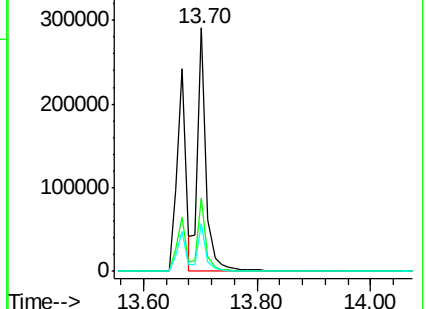
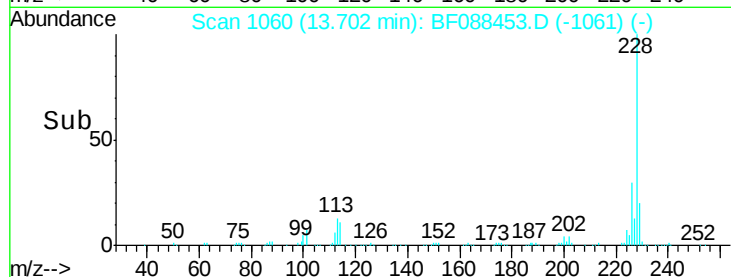
229 19.8 16.3 24.5



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: 22.87 ng

RT: 13.67 min Scan# 1057

Delta R.T. -0.31 min

Lab File: BF088453.D

Acq: 27 Jun 2016 13:49

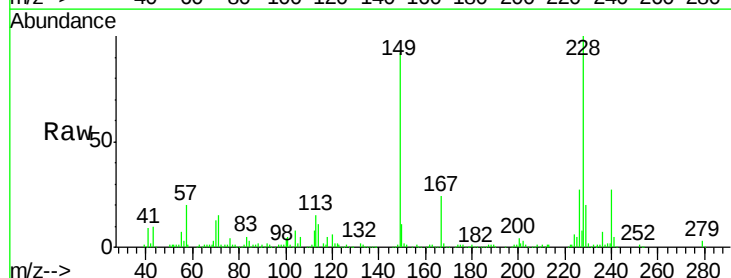
Tgt Ion:149 Resp: 201038

Ion Ratio Lower Upper

149 100

167 25.8 20.5 30.7

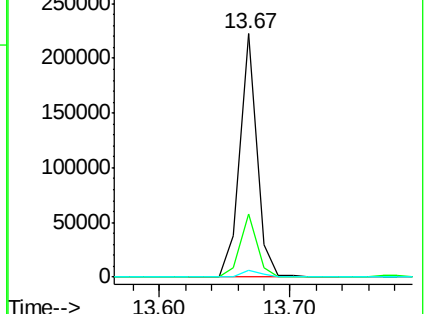
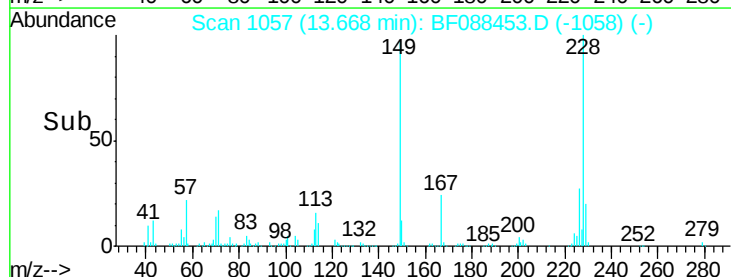
279 2.8 2.0 3.0

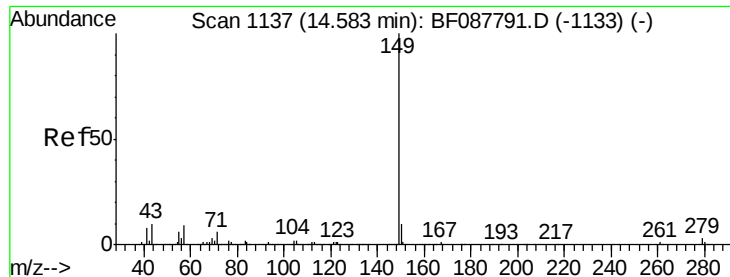


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

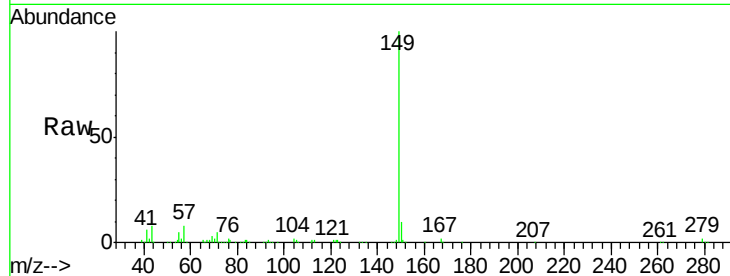




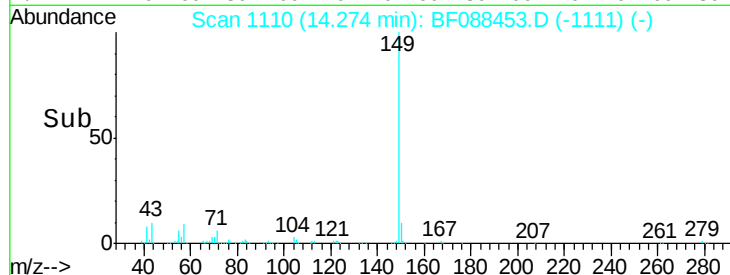
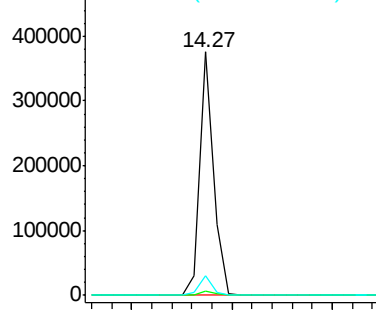
#84
Di-n-octyl phthalate
Concen: 25.07 ng
RT: 14.27 min Scan# 1110
Delta R.T. -0.31 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Instrument :
BNA_F
ClientSampleId :

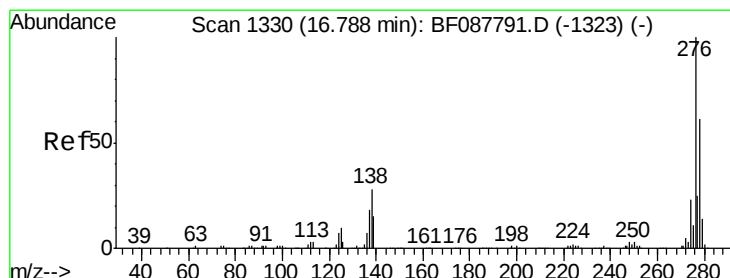
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	0.0	0.0#
43	7.6	0.0	0.0#



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

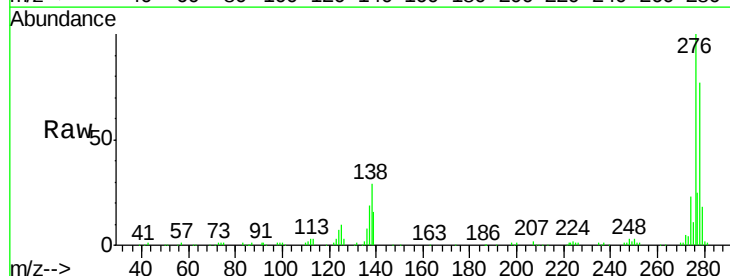


Time-->

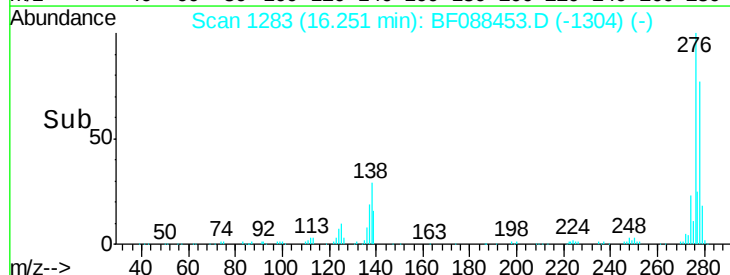
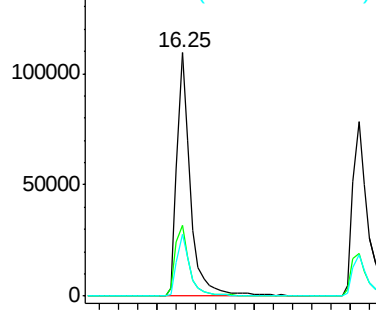


#85
Indeno(1,2,3-cd)pyrene
Concen: 19.61 ng
RT: 16.25 min Scan# 1283
Delta R.T. -0.54 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

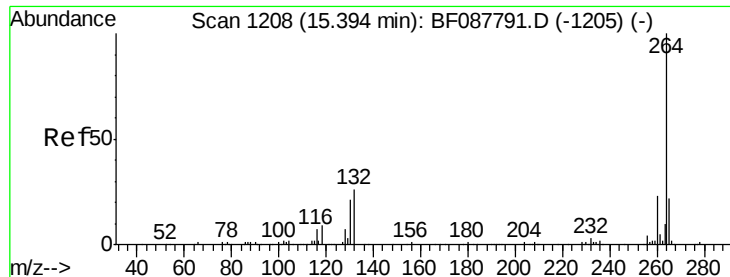
Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.3	0.0	0.0#
277	24.9	0.0	0.0#



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



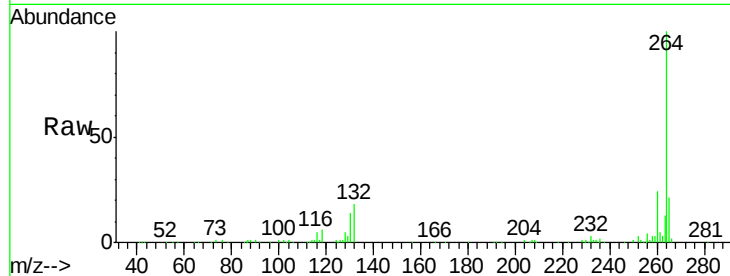
Time-->



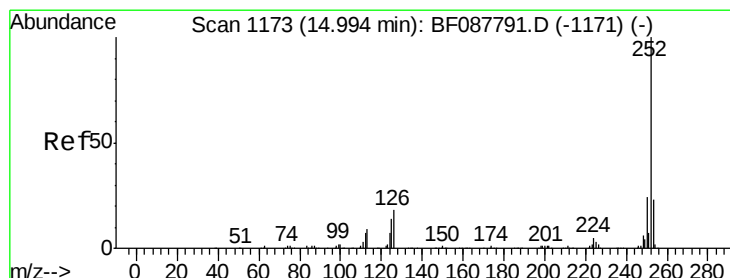
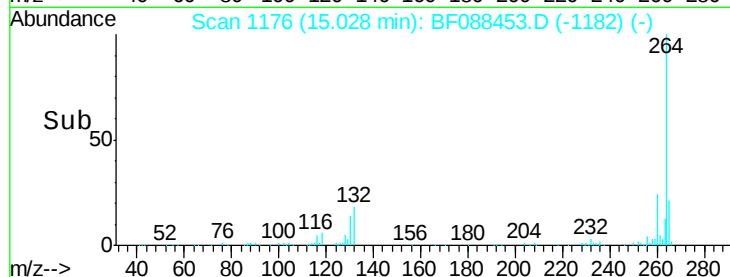
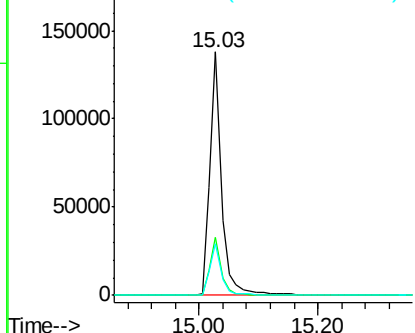
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.03 min Scan# 1176
Delta R.T. -0.37 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 187883
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 21.3 16.9 25.3

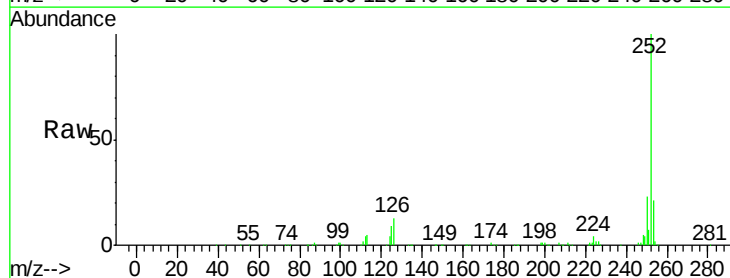


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

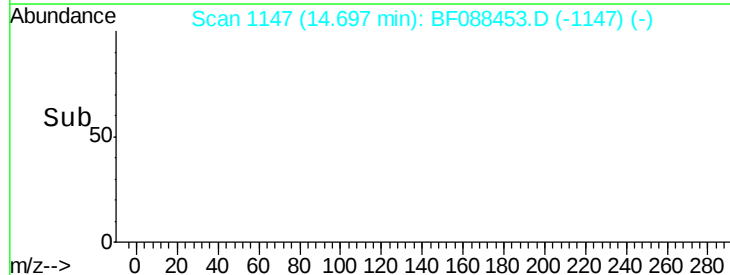
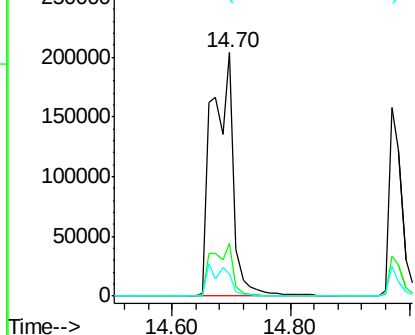


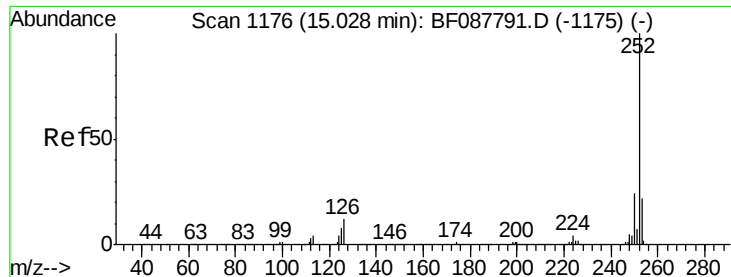
#87
Benzo(b)fluoranthene
Concen: 39.53 ng
RT: 14.70 min Scan# 1147
Delta R.T. -0.30 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Tgt Ion:252 Resp: 517695
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.2
125 8.9 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

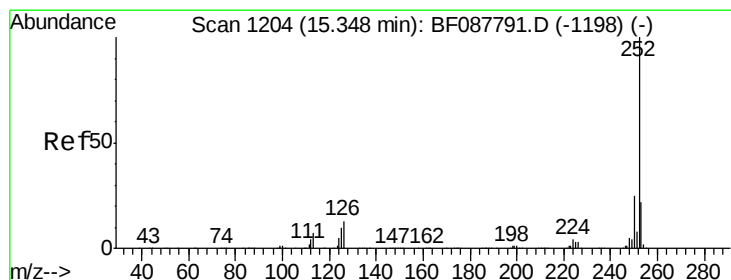
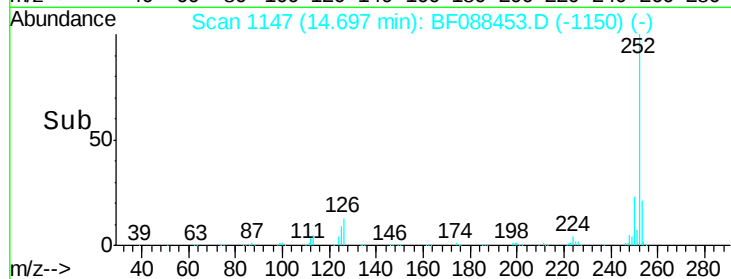
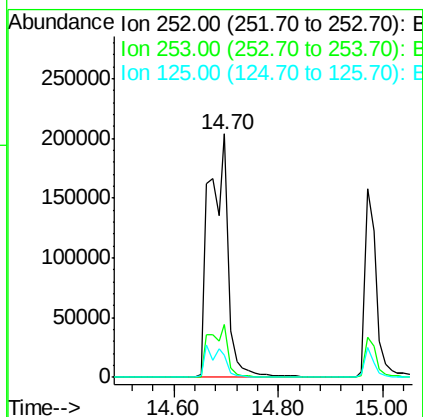
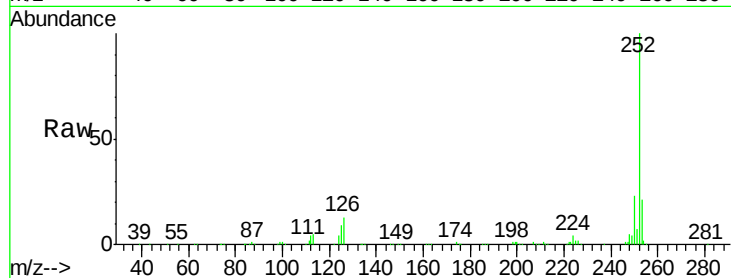




#88
Benzo(k)fluoranthene
Concen: 52.50 ng
RT: 14.70 min Scan# 1147
Delta R.T. -0.33 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

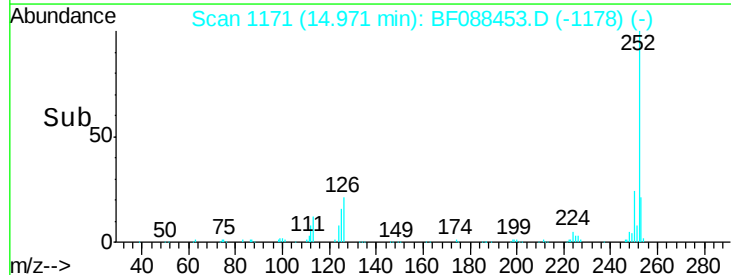
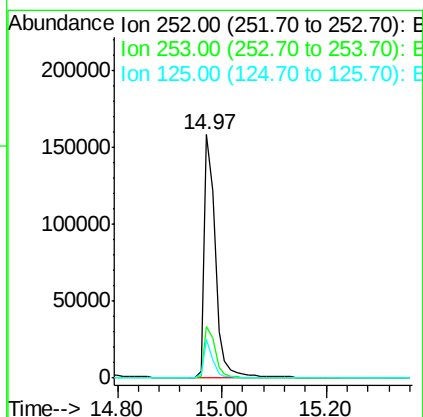
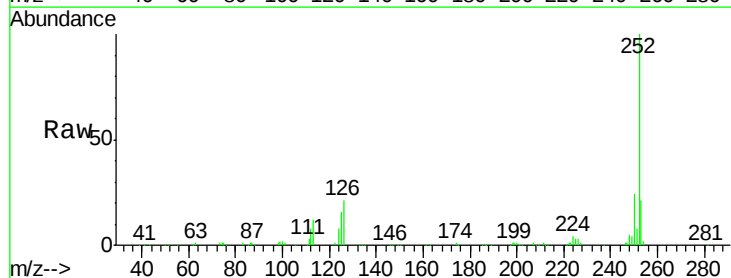
Instrument :
BNA_F
ClientSampled :

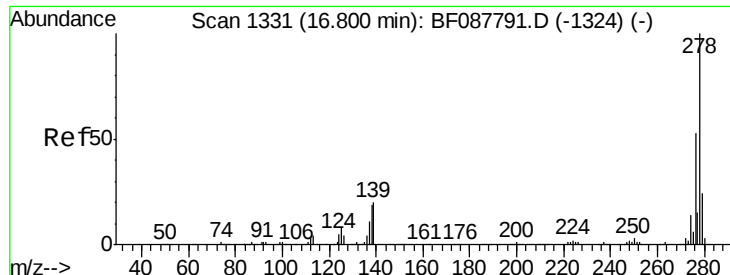
Tot Ion:252 Resp: 518617
Ion Ratio Lower Upper
252 100
253 21.5 18.0 27.0
125 8.9 11.2 16.8#



#89
Benzo(a)pyrene
Concen: 22.75 ng
RT: 14.97 min Scan# 1171
Delta R.T. -0.38 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Tgt Ion:252 Resp: 241059
Ion Ratio Lower Upper
252 100
253 21.2 17.9 26.9
125 16.0 12.5 18.7

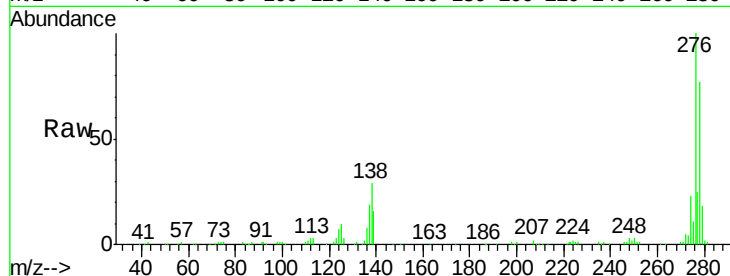




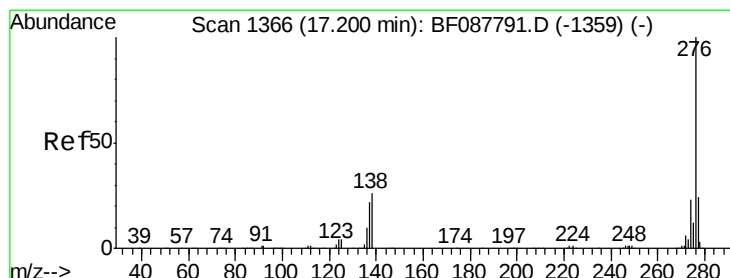
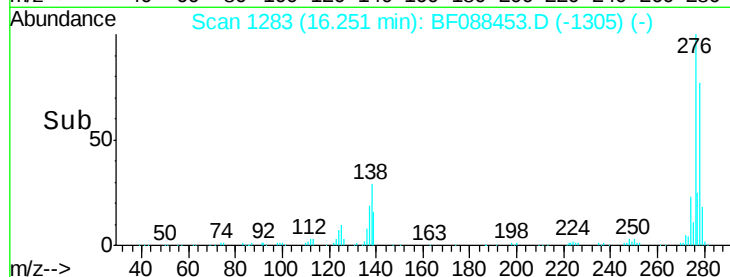
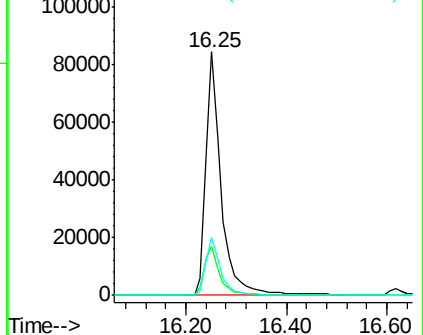
#90
Dibenzo(a,h)anthracene
Concen: 18.10 ng
RT: 16.25 min Scan# 1283
Delta R.T. -0.55 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 178133
Ion Ratio Lower Upper
278 100
139 20.2 15.7 23.5
279 23.6 19.4 29.2

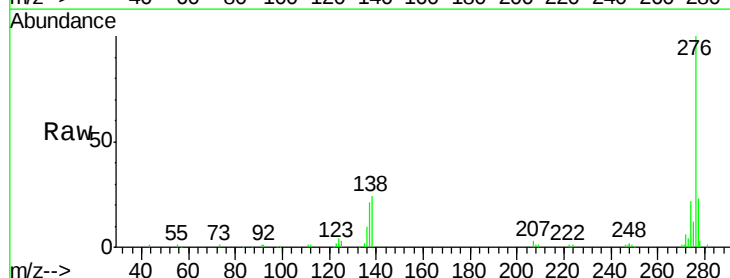


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 17.57 ng
RT: 16.62 min Scan# 1315
Delta R.T. -0.58 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Tgt Ion:276 Resp: 177838
Ion Ratio Lower Upper
276 100
277 23.3 18.9 28.3
138 24.4 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

