

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 :
 PB91593BS

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						
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				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

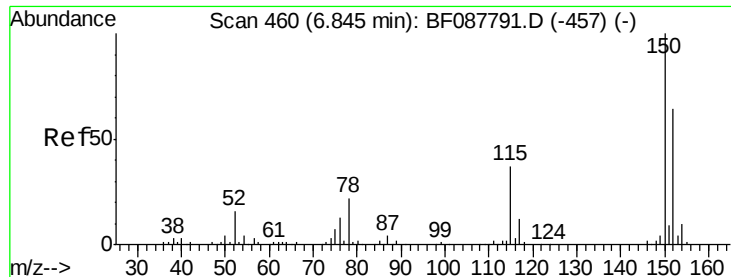
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
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 Response via : Initial Calibration

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

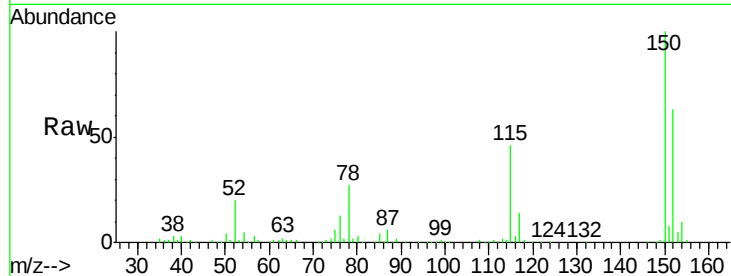


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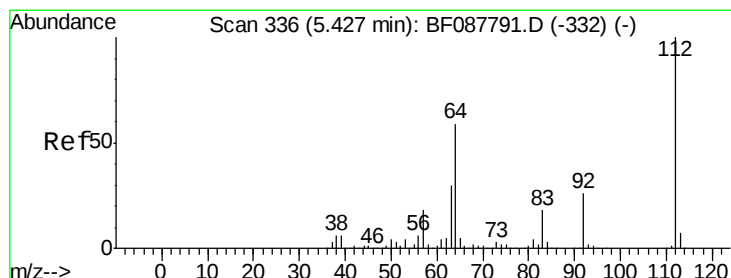
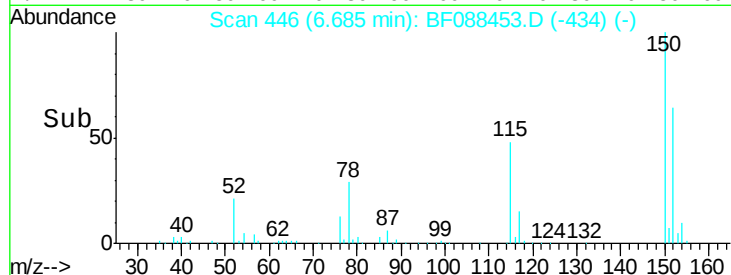
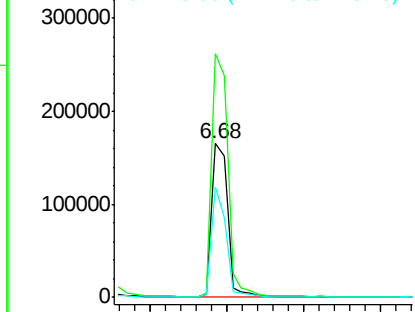
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 446
Delta R.T. -0.16 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Instrument :
BNA_F
ClientSampleId :
PB91593BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	123.8	185.6
115	72.2	39.6	59.4



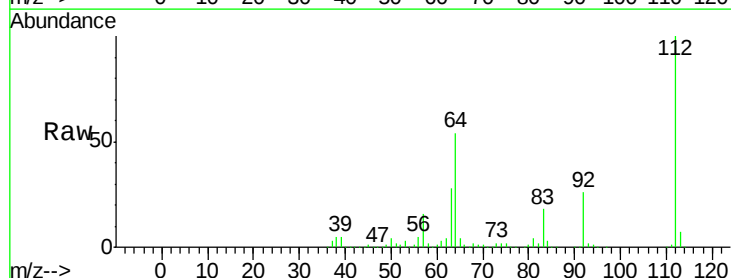
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



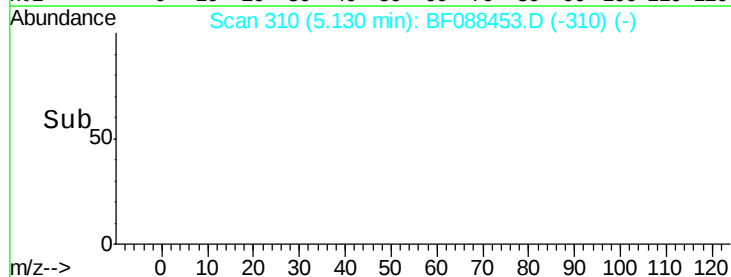
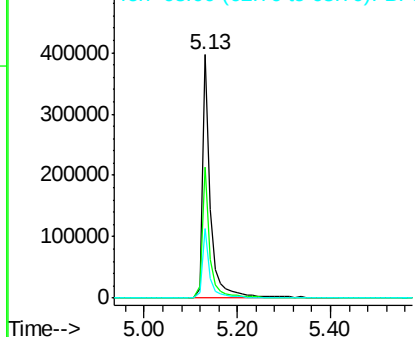
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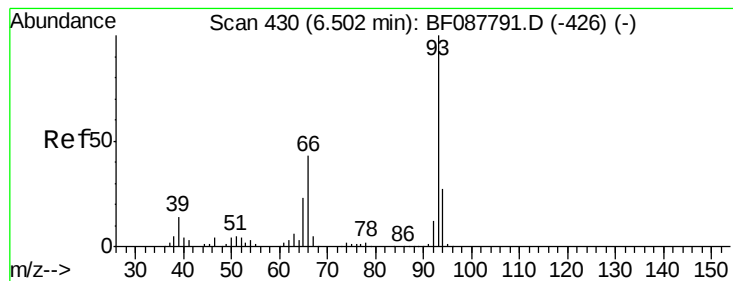
2-Fluorophenol
Concen: 35.05 ng
RT: 5.13 min Scan# 310
Delta R.T. -0.30 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Tgt Ion	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 :

PB91593BS

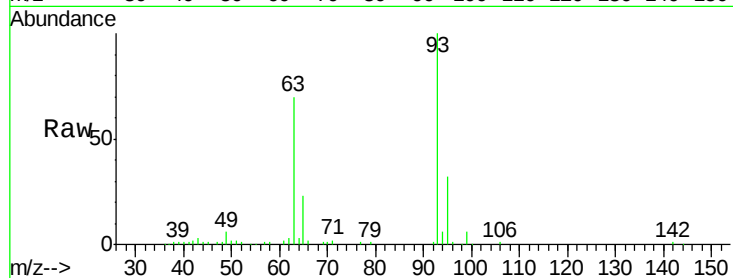
Tot Ion: 93 Resp: 98428

Ion Ratio Lower Upper

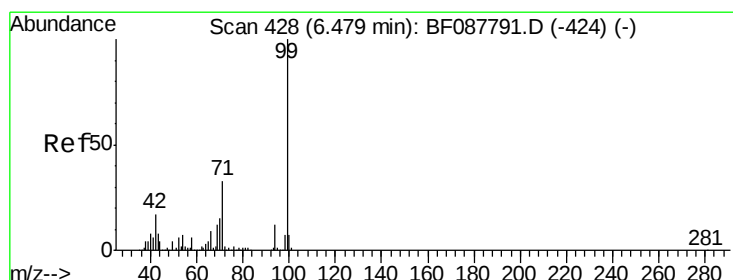
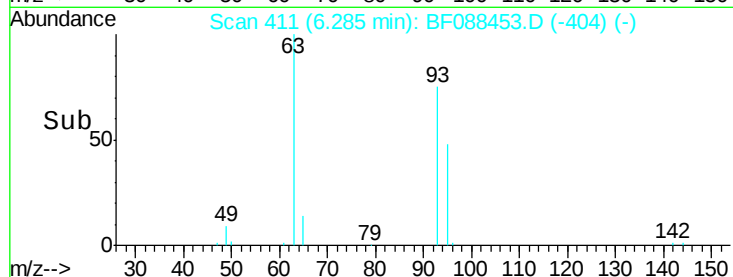
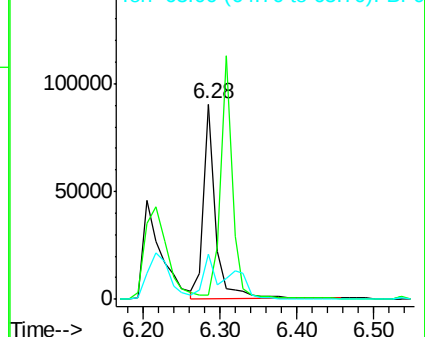
93 100

66 2.0 29.8 44.8#

65 22.9 14.9 22.3#



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 66.00 (65.70 to 66.70): BF0
Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 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

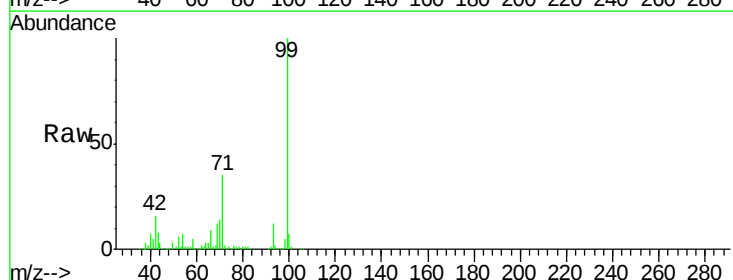
Tgt Ion: 99 Resp: 593886

Ion Ratio Lower Upper

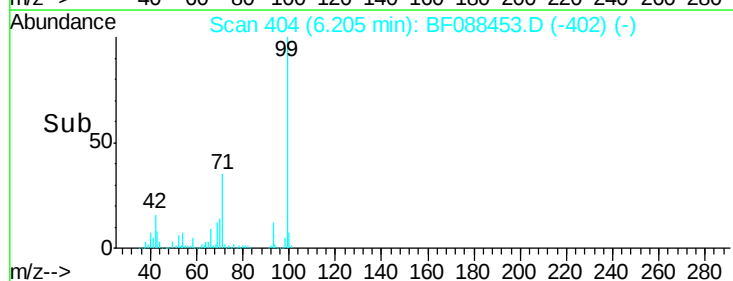
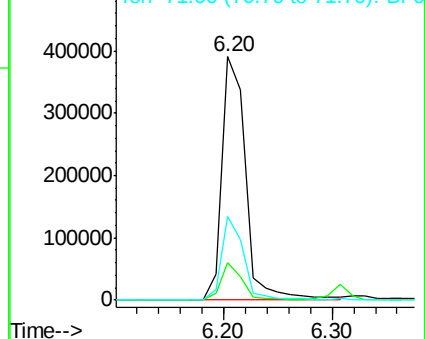
99 100

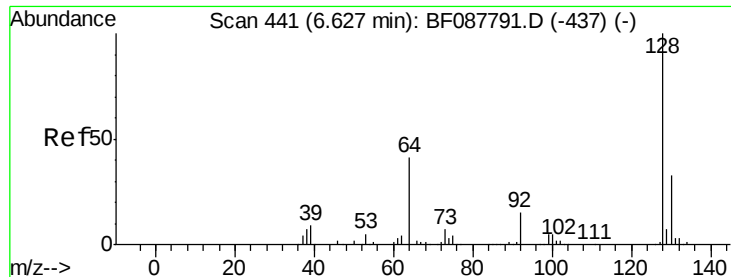
42 15.5 12.2 18.2

71 34.6 23.4 35.0



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

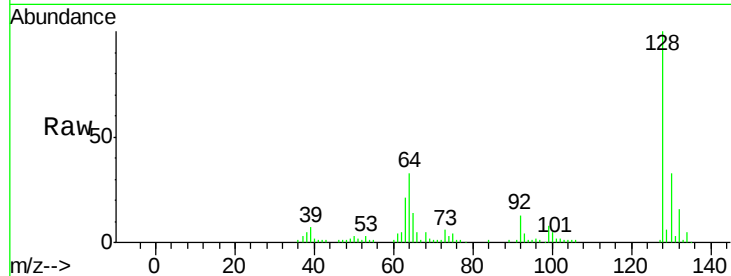




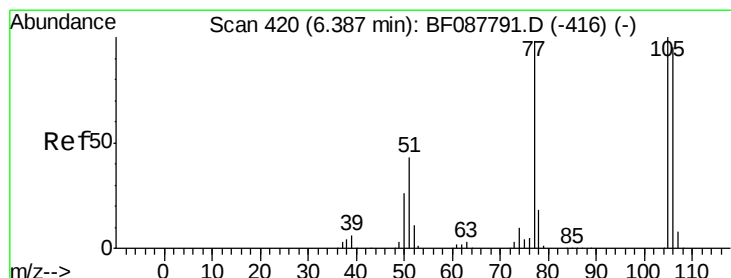
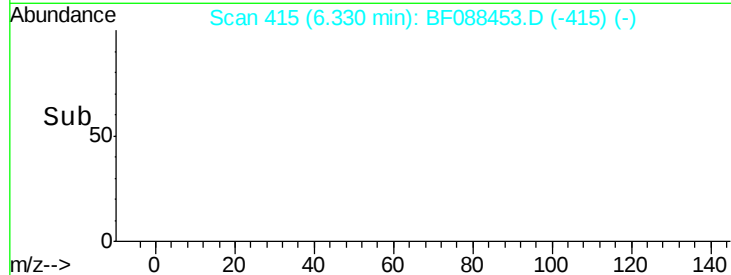
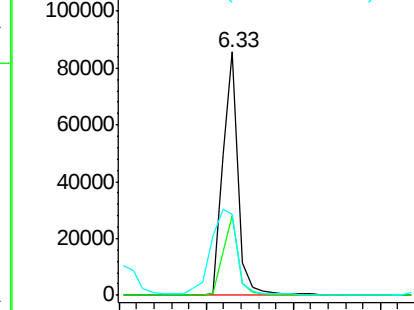
#8
2-Chlorophenol
Concen: 6.47 ng
RT: 6.33 min Scan# 415
Delta R.T. -0.30 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Instrument :
BNA_F
ClientSampled :
PB91593BS

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

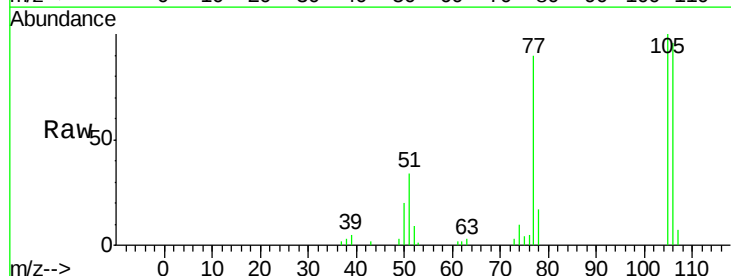


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): E

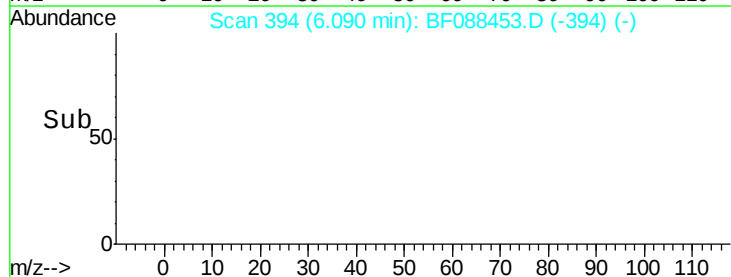
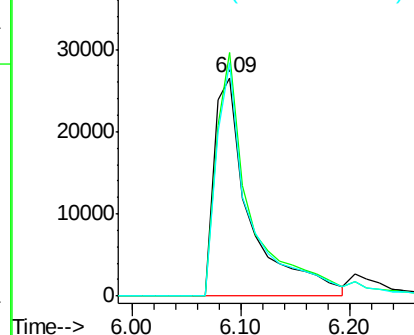


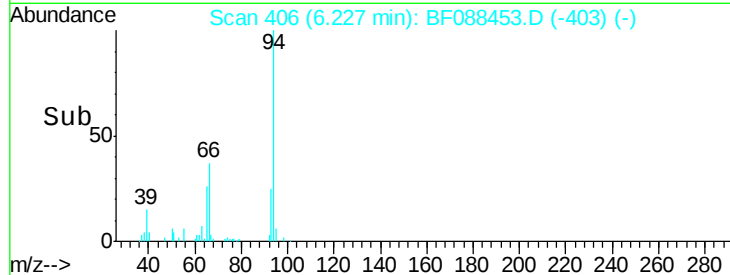
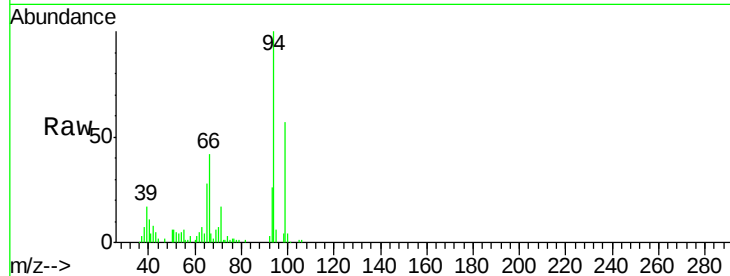
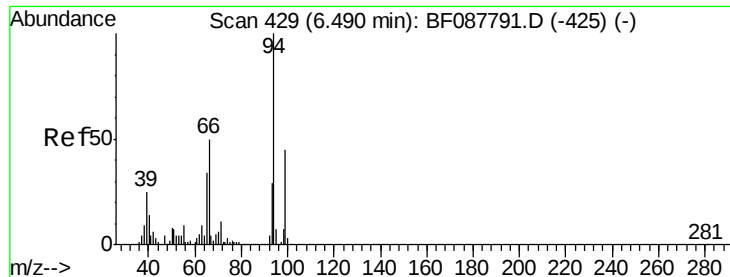
#9
Benzaldehyde
Concen: 4.66 ng
RT: 6.09 min Scan# 394
Delta R.T. -0.30 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

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 :

PB91593BS

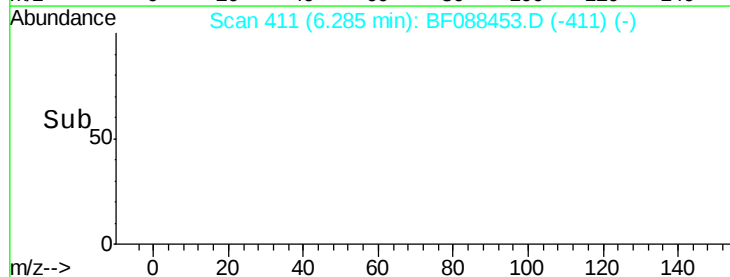
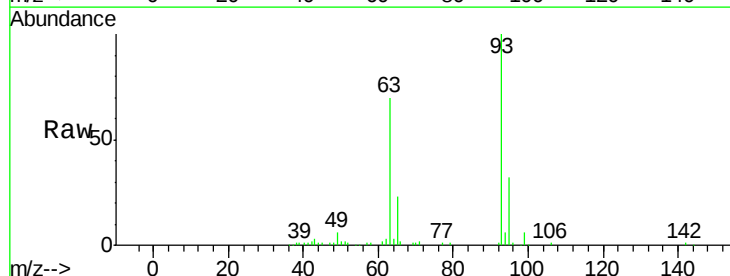
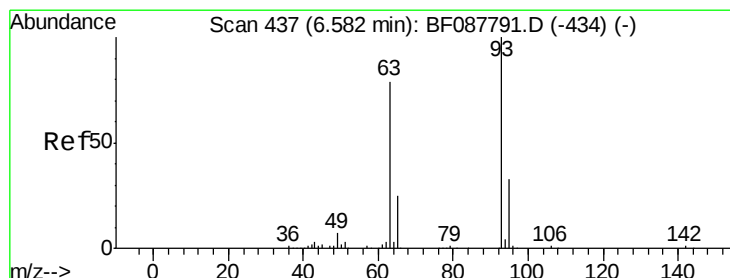
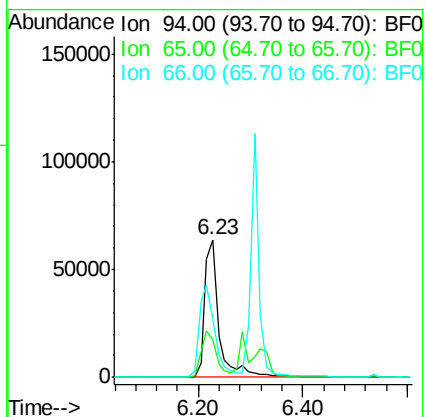
Tot Ion: 94 Resp: 122408

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

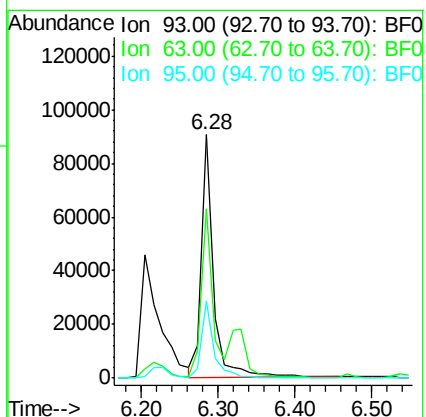
Tgt Ion: 93 Resp: 98428

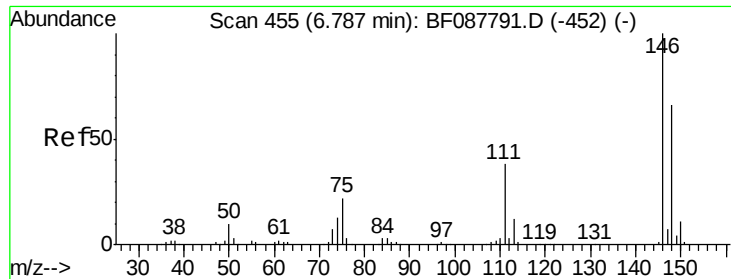
Ion Ratio Lower Upper

93 100

63 69.5 67.6 107.6

95 31.9 12.5 52.5

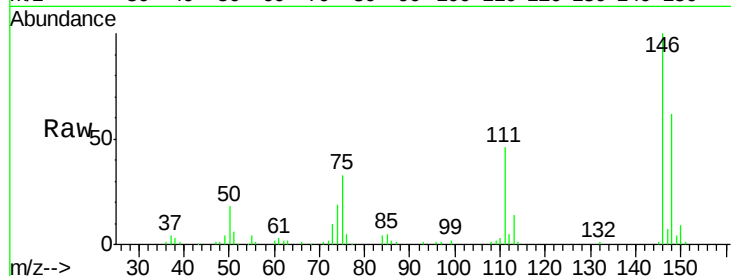




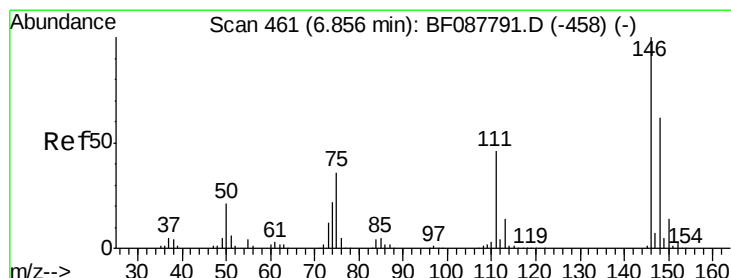
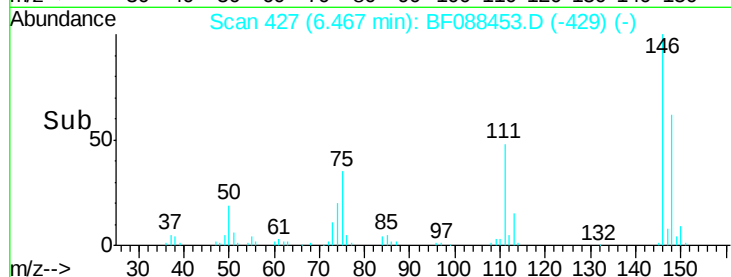
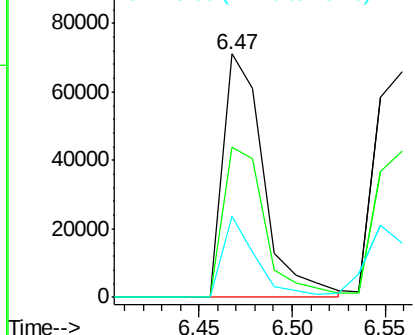
#12
 1,3-Dichlorobenzene
 Concen: 6.15 ng
 RT: 6.47 min Scan# 427
 Delta R.T. -0.32 min
 Lab File: BF088453.D
 Acq: 27 Jun 2016 13:49

Instrument :
 BNA_F
 ClientSampleID :
 PB91593BS

Tot Ion:146 Resp: 108192
 Ion Ratio Lower Upper
 146 100
 148 61.7 50.9 76.3
 75 33.0 25.6 38.4

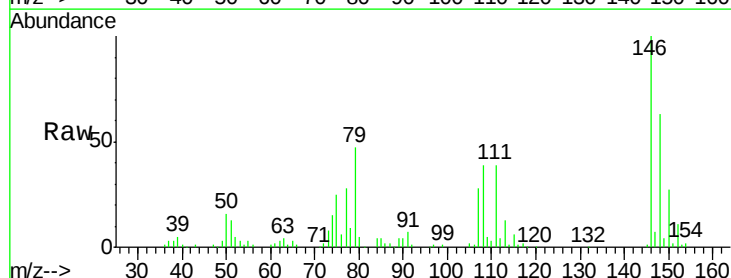


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

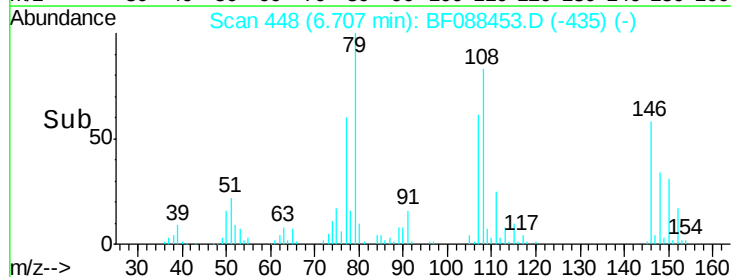
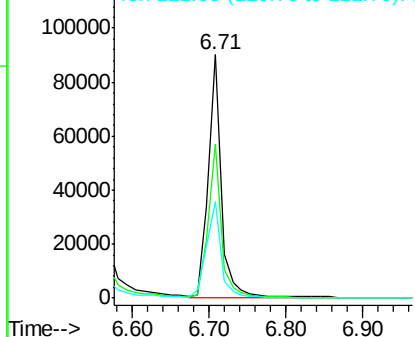


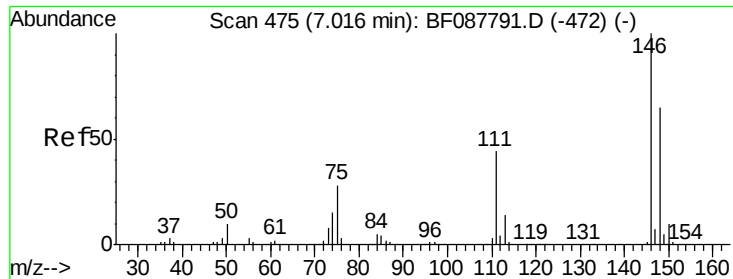
#13
 1,4-Dichlorobenzene
 Concen: 6.09 ng
 RT: 6.71 min Scan# 448
 Delta R.T. -0.15 min
 Lab File: BF088453.D
 Acq: 27 Jun 2016 13:49

Tgt Ion:146 Resp: 108039
 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

ClientSampleId :

PB91593BS

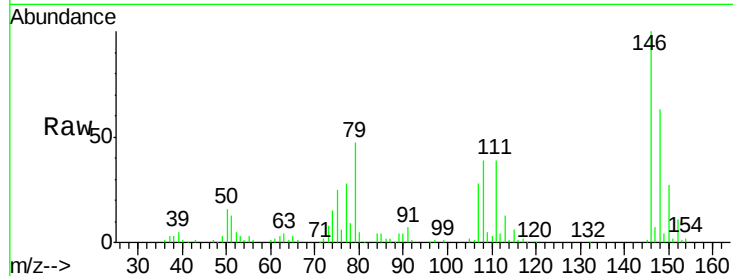
Tot Ion:146 Resp: 108039

Ion Ratio Lower Upper

146 100

148 63.4 52.3 78.5

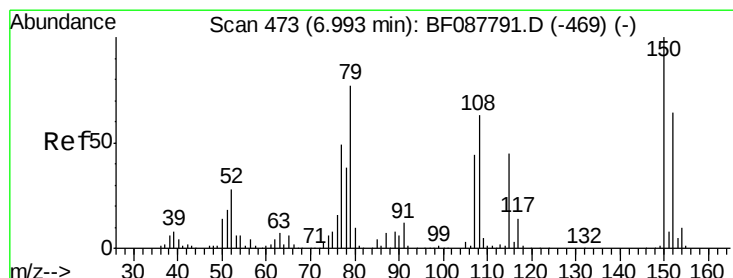
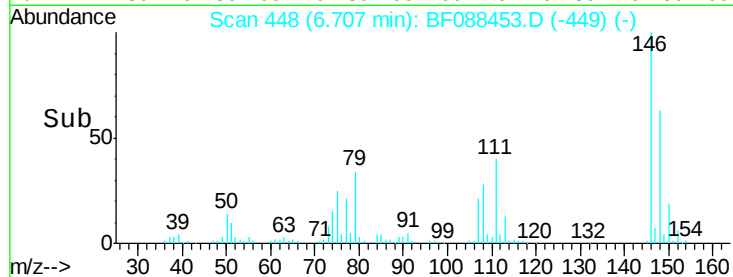
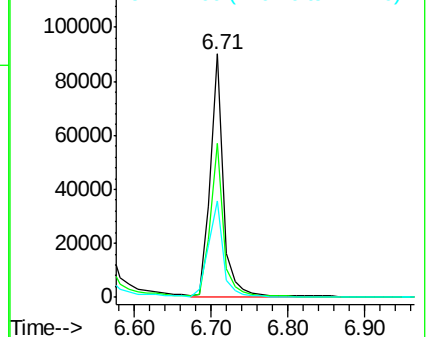
111 39.5 28.7 43.1



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

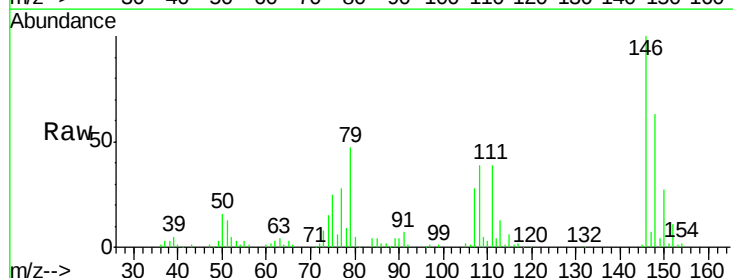
Tgt Ion: 79 Resp: 74861

Ion Ratio Lower Upper

79 100

108 84.0 65.0 97.6

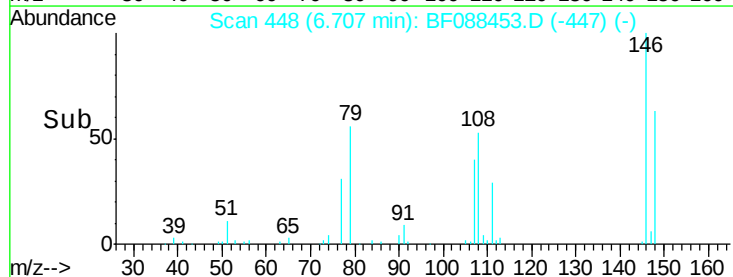
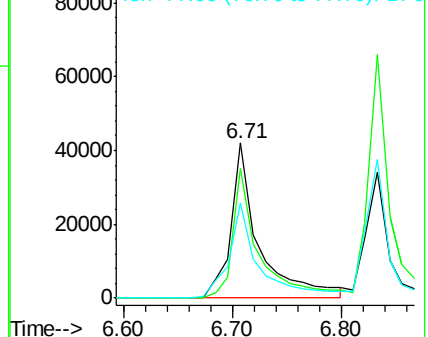
77 61.1 50.3 75.5

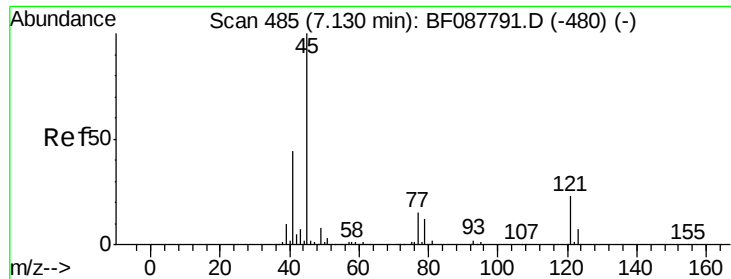


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

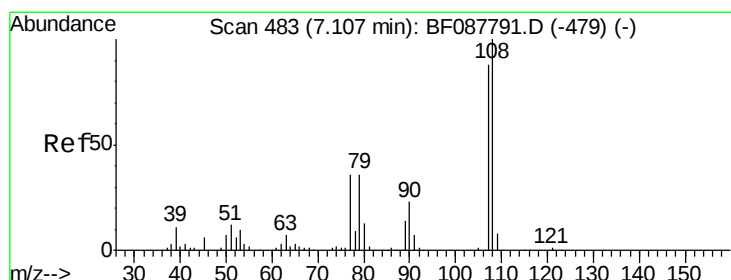
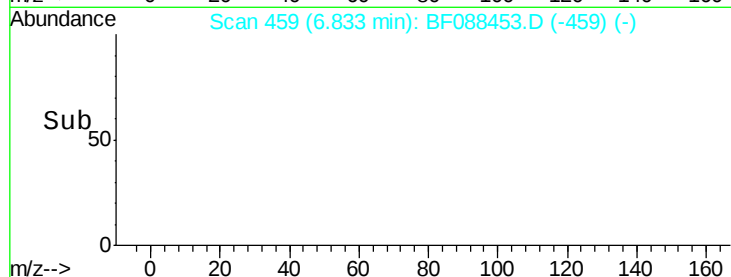
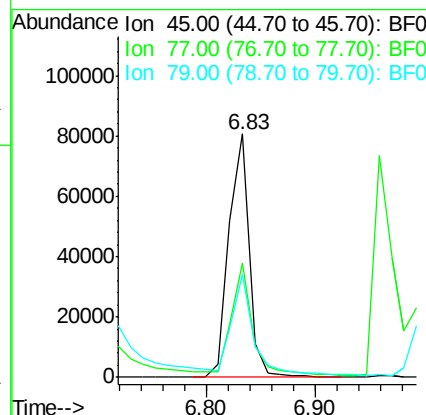
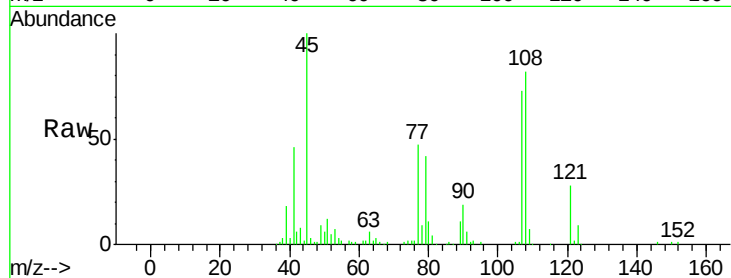




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 5.22 ng
RT: 6.83 min Scan# 459
Delta R.T. -0.30 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

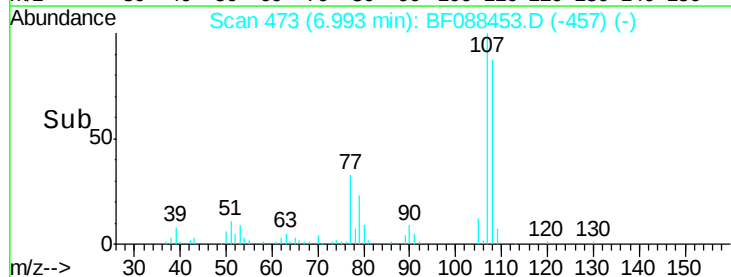
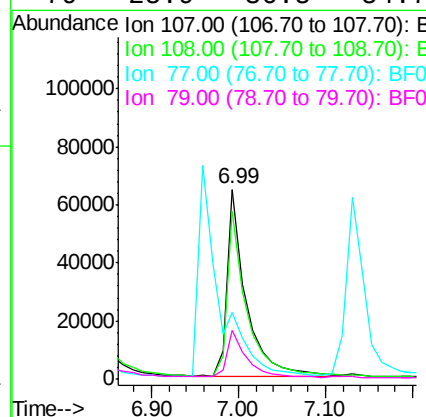
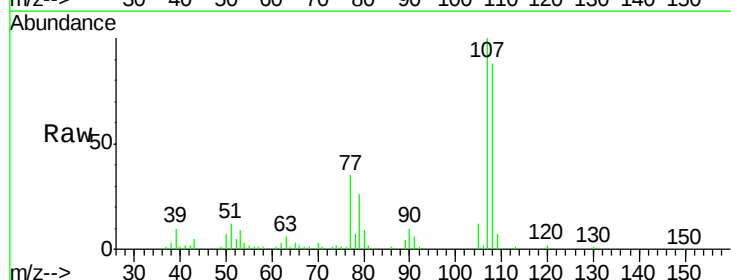
Instrument :
BNA_F
ClientSampleId :
PB91593BS

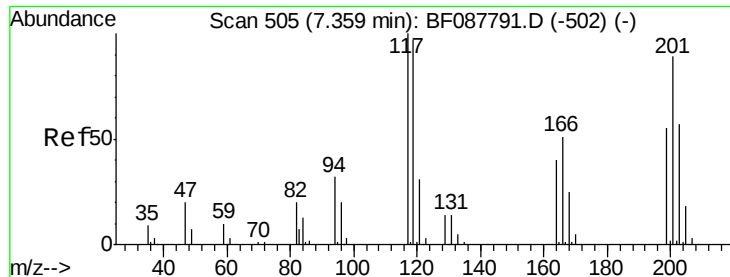
Tot Ion: 45 Resp: 103770
Ion Ratio Lower Upper
45 100
77 46.8 0.0 32.5#
79 42.3 0.0 29.5#



#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#

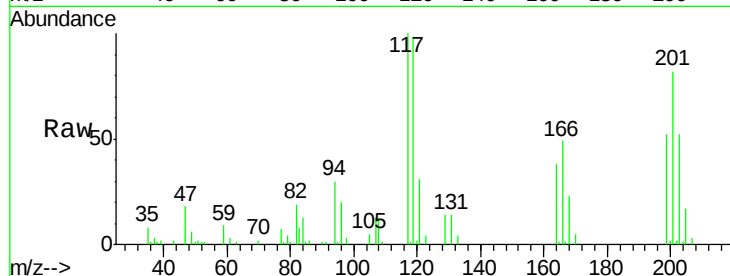




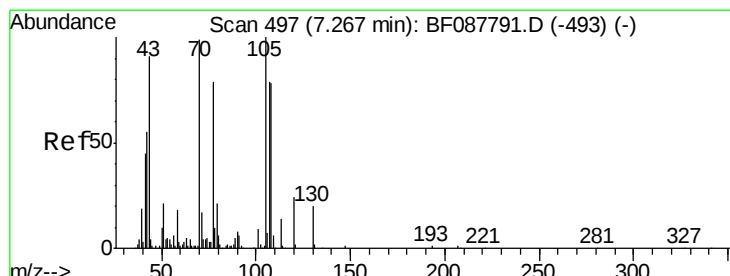
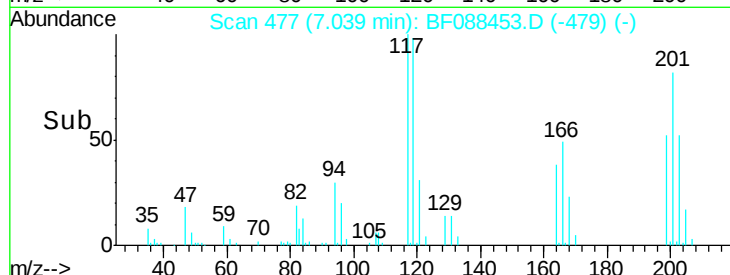
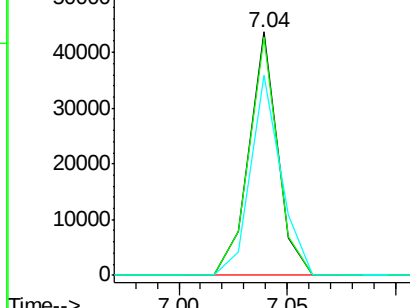
#18
Hexachloroethane
Concen: 6.36 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.32 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Instrument :
BNA_F
ClientSampleId :
PB91593BS

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

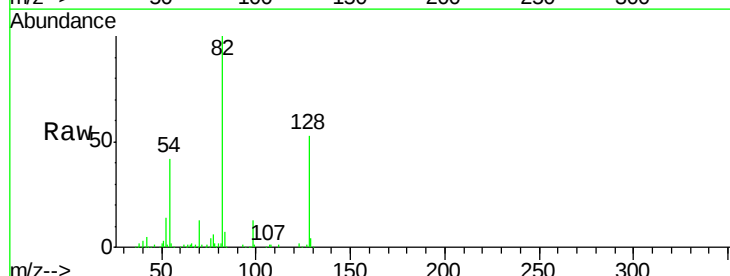


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

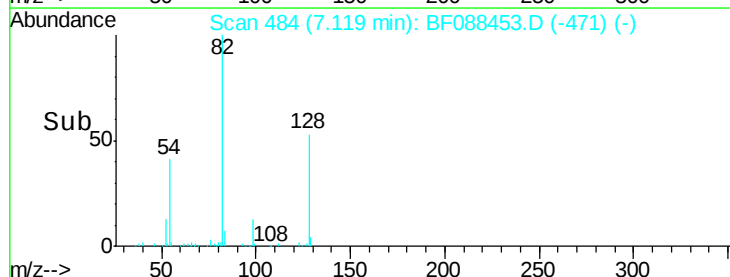
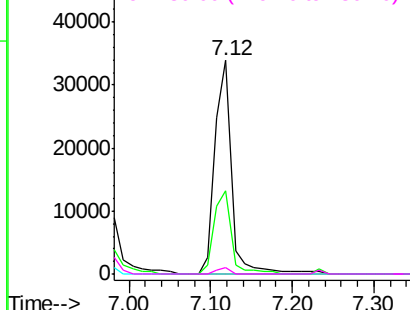


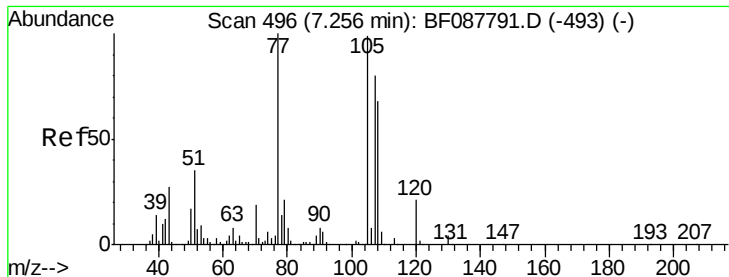
#19
n-Nitroso-di-n-propylamine
Concen: 4.55 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.15 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

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 :

PB91593BS

Tot Ion:107 Resp: 97770

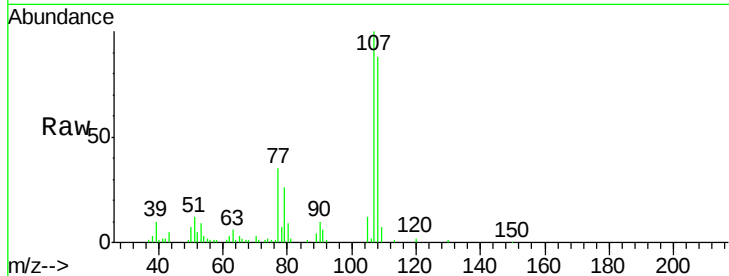
Ion Ratio Lower Upper

107 100

108 88.4 67.8 107.8

77 35.4 59.3 99.3#

79 25.9 7.0 47.0

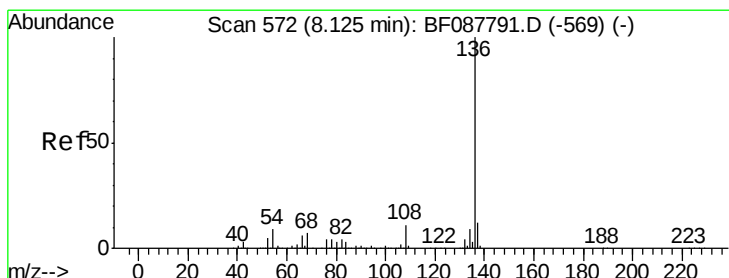
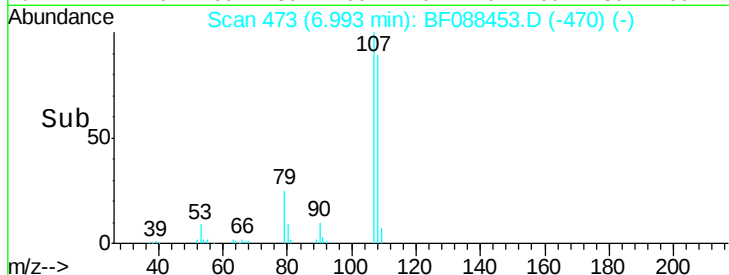
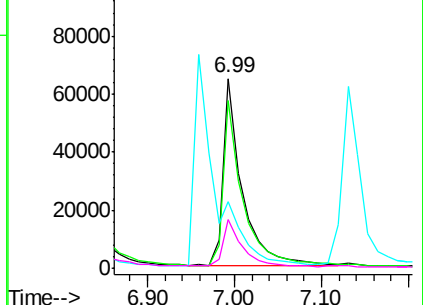


Abundance Ion 107.00 (106.70 to 107.70): E

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

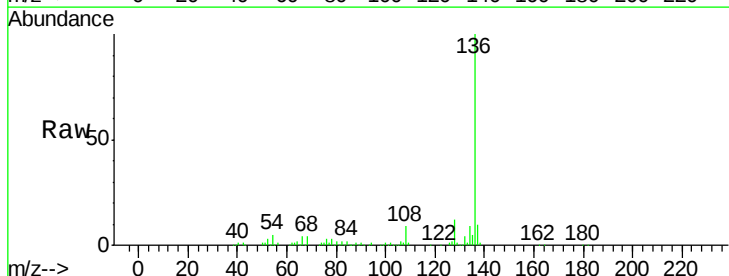
Ion Ratio Lower Upper

136 100

137 10.5 9.1 13.7

54 4.9 6.6 10.0#

68 4.4 5.1 7.7#

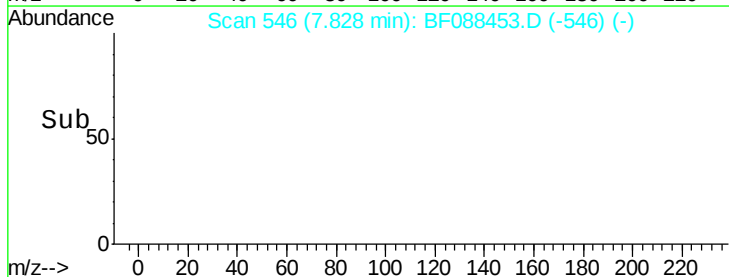
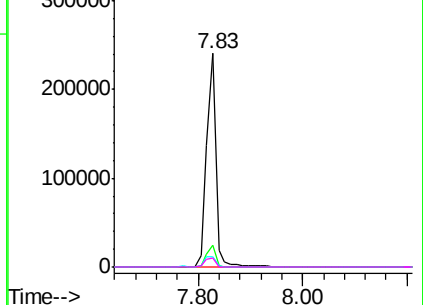


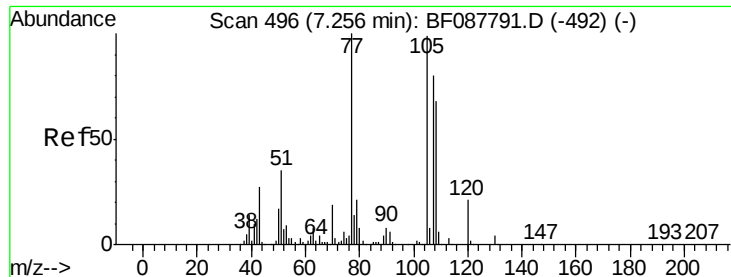
Abundance Ion 136.00 (135.70 to 136.70): E

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

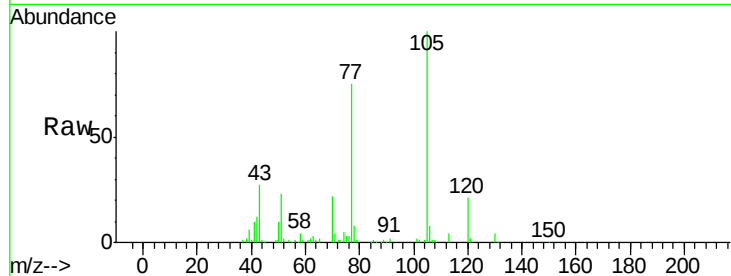




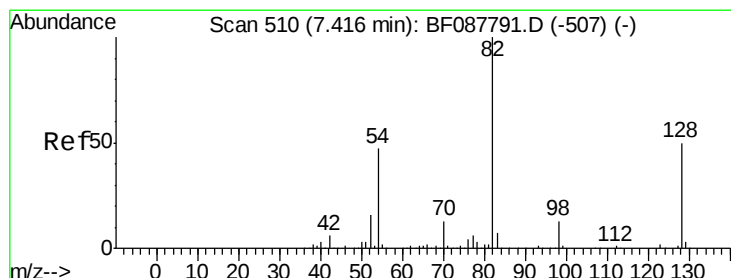
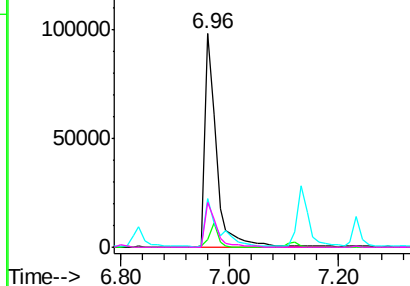
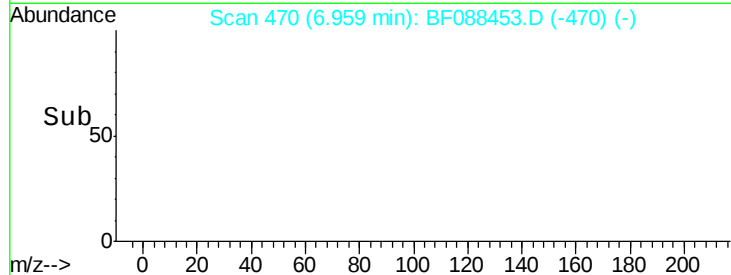
#22
 Acetophenone
 Concen: 21.77 ng
 RT: 6.96 min Scan# 470
 Delta R.T. -0.30 min
 Lab File: BF088453.D
 Acq: 27 Jun 2016 13:49

Instrument :
 BNA_F
 ClientSampleId :
 PB91593BS

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

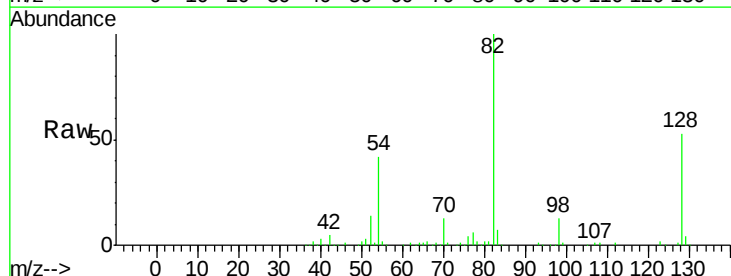


Abundance Ion 105.00 (104.70 to 105.70): E
 Ion 71.00 (70.70 to 71.70): BF0
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 120.00 (119.70 to 120.70): E

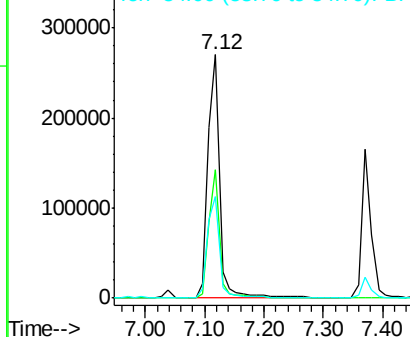
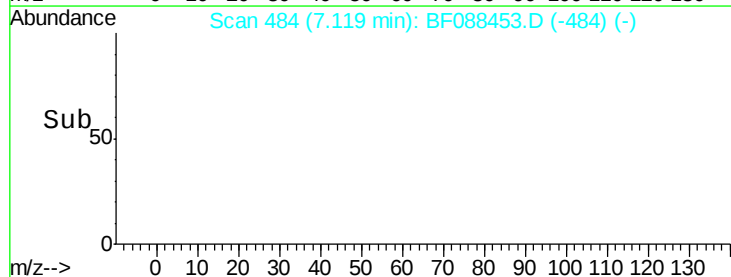


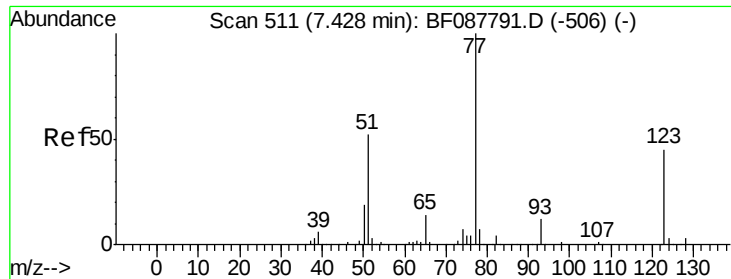
#23
 Nitrobenzene-d5
 Concen: 74.65 ng
 RT: 7.12 min Scan# 484
 Delta R.T. -0.30 min
 Lab File: BF088453.D
 Acq: 27 Jun 2016 13:49

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 :

PB91593BS

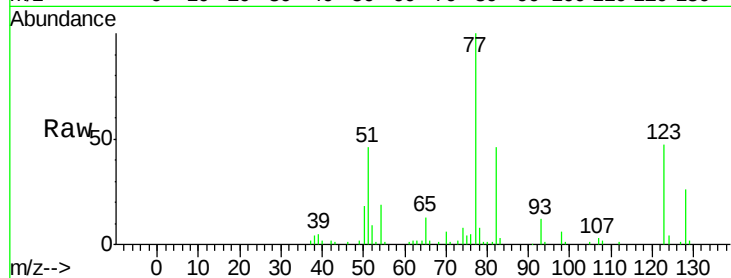
Tot Ion: 77 Resp: 96125

Ion Ratio Lower Upper

77 100

123 46.8 45.0 67.4

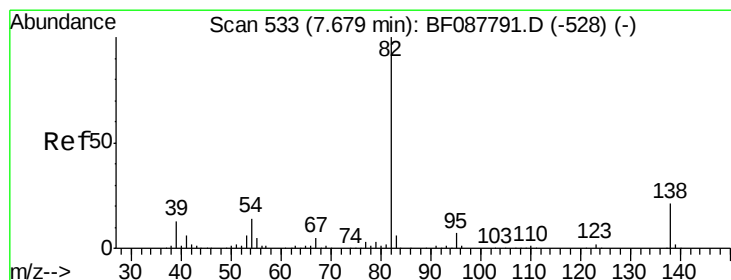
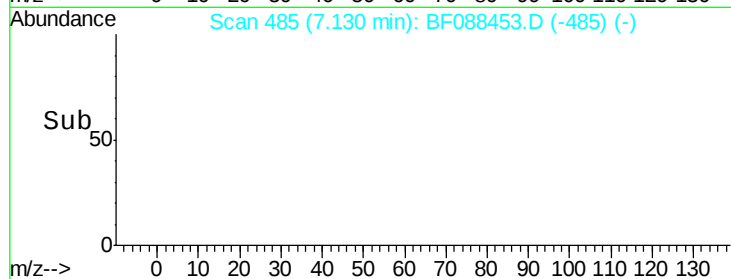
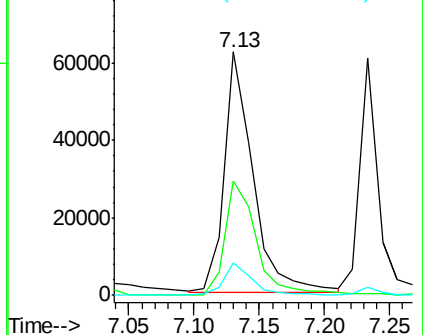
65 13.4 10.2 15.2



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 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

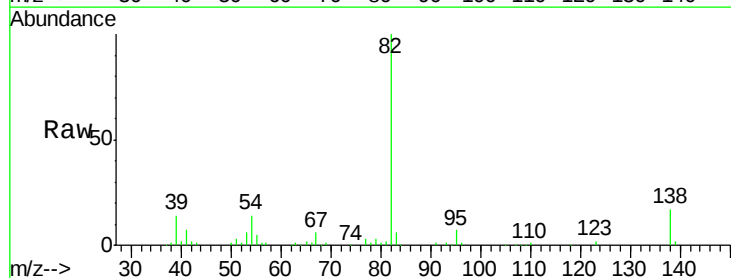
Tgt Ion: 82 Resp: 178203

Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.2

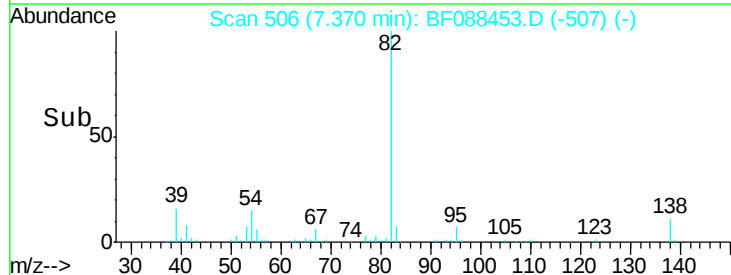
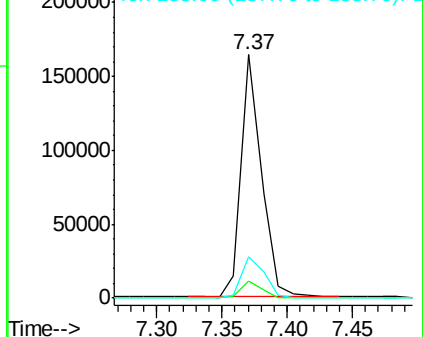
138 16.8 14.6 21.8

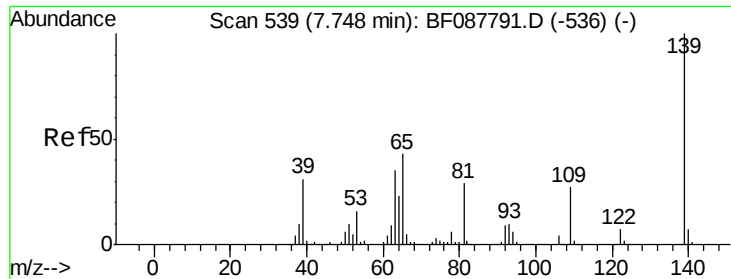


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

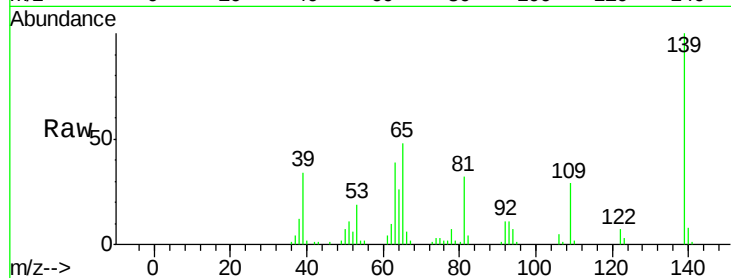




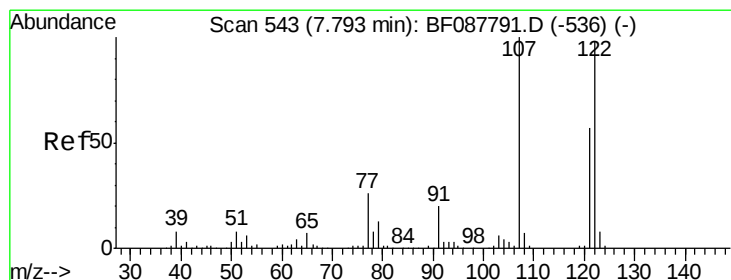
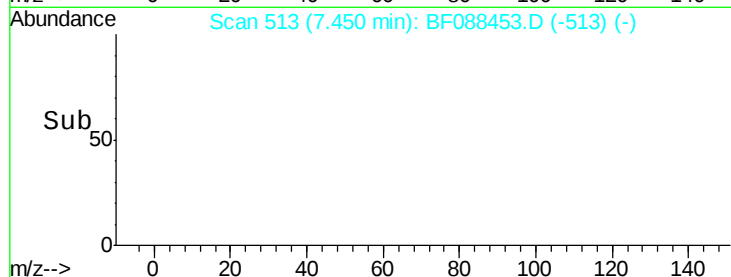
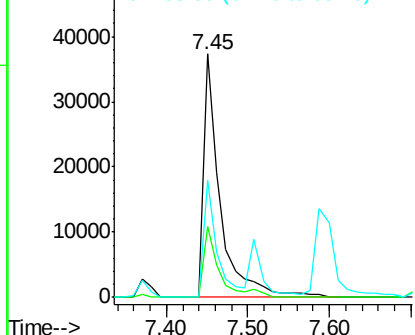
#26
2-Nitrophenol
Concen: 20.36 ng
RT: 7.45 min Scan# 513
Delta R.T. -0.30 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Instrument :
BNA_F
ClientSampleId :
PB91593BS

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

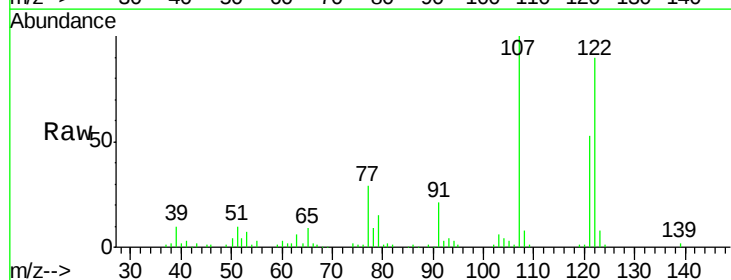


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

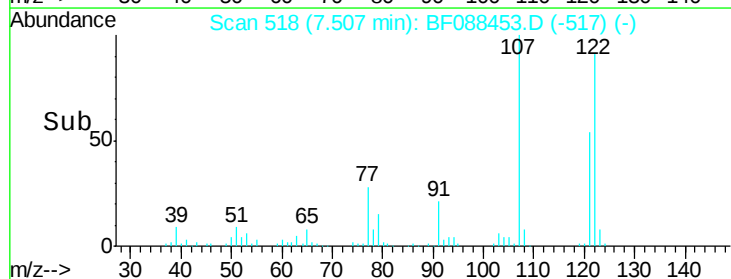
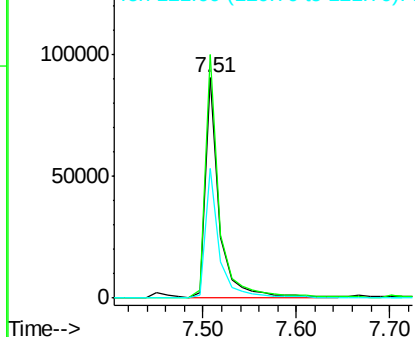


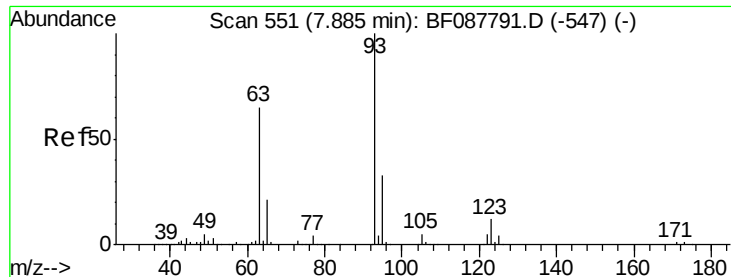
#27
2,4-Dimethylphenol
Concen: 20.00 ng
RT: 7.51 min Scan# 518
Delta R.T. -0.29 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

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

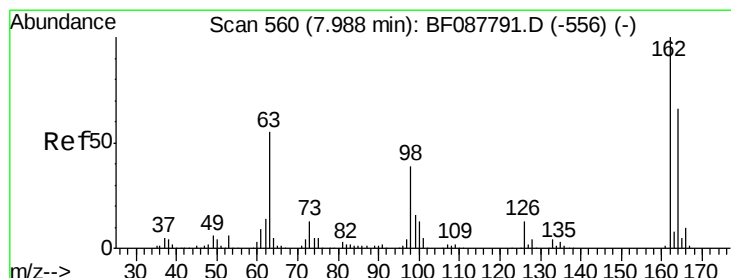
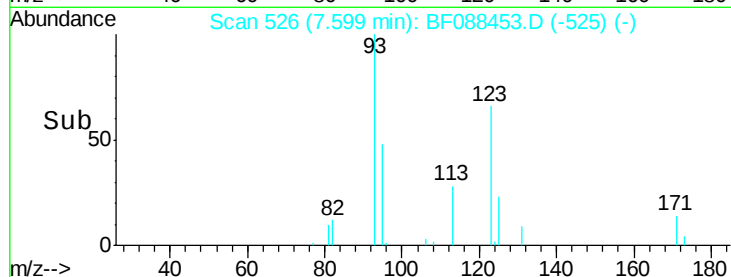
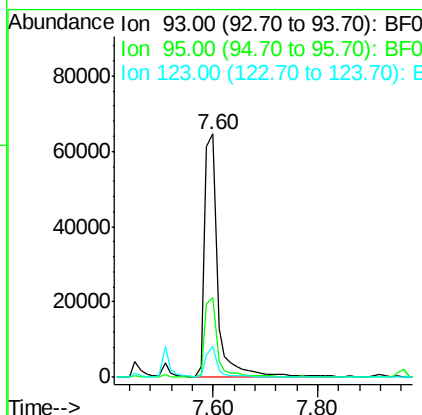
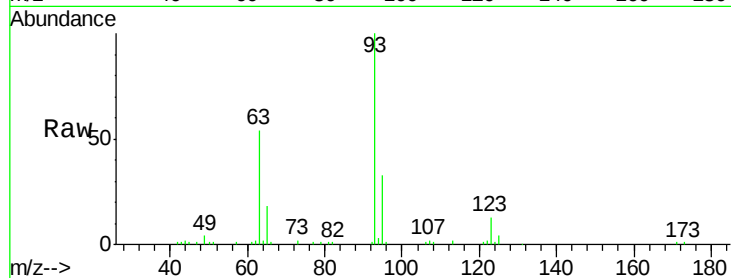




#28
bis(2-Chloroethoxy)methane
Concen: 19.66 ng
RT: 7.60 min Scan# 526
Delta R.T. -0.29 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

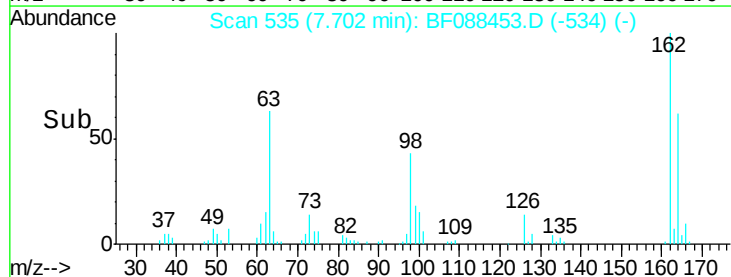
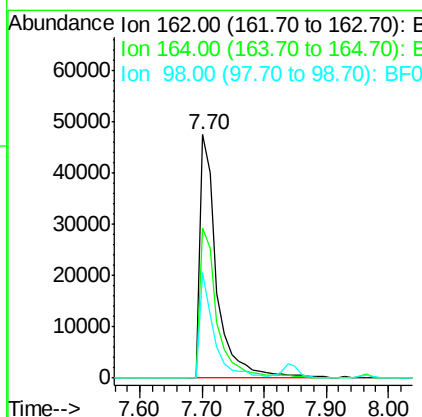
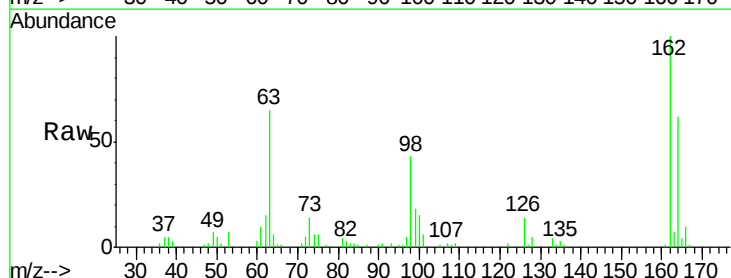
Instrument :
BNA_F
ClientSampleId :
PB91593BS

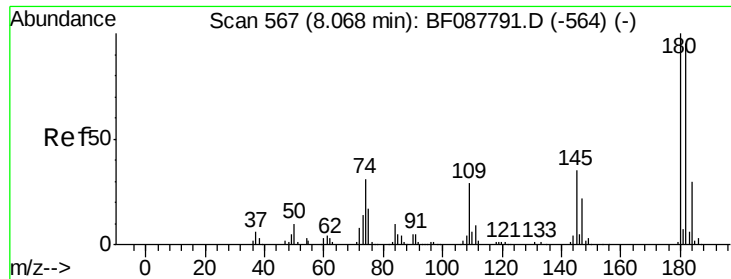
Tot Ion: 93 Resp: 114700
Ion Ratio Lower Upper
93 100
95 32.7 26.5 39.7
123 12.7 11.6 17.4



#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

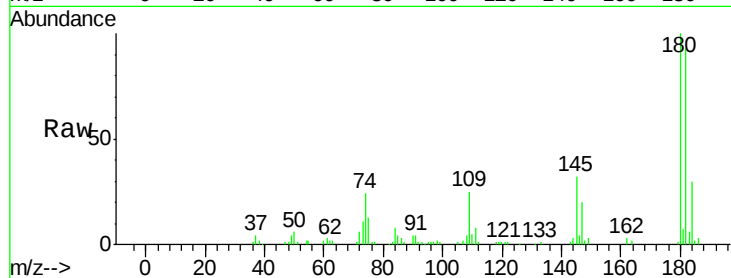




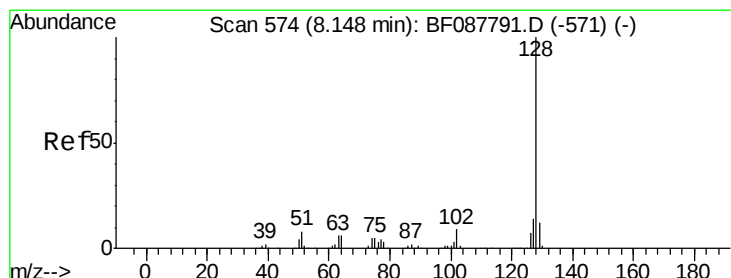
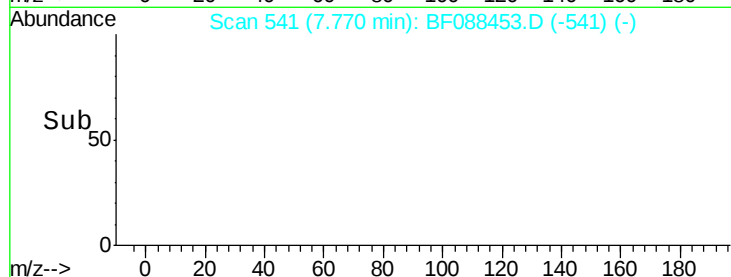
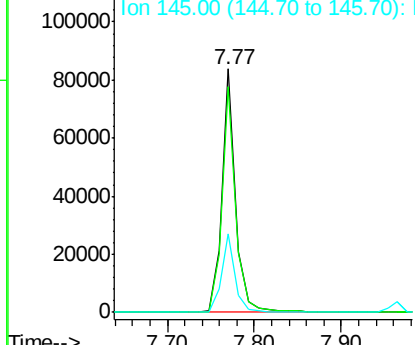
#30
 1,2,4-Trichlorobenzene
 Concen: 20.96 ng
 RT: 7.77 min Scan# 541
 Delta R.T. -0.30 min
 Lab File: BF088453.D
 Acq: 27 Jun 2016 13:49

Instrument :
 BNA_F
 ClientSampleId :
 PB91593BS

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

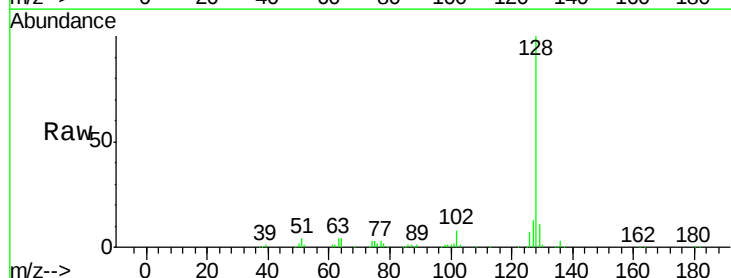


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

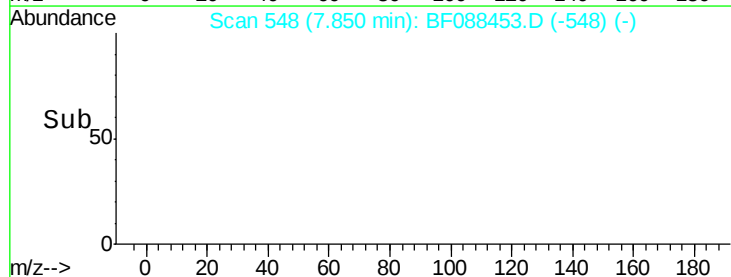
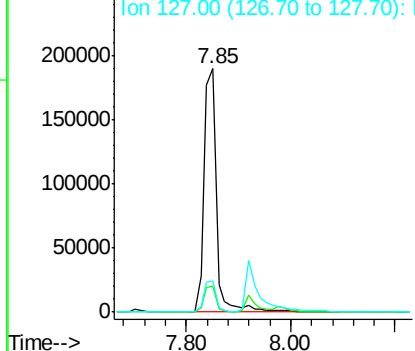


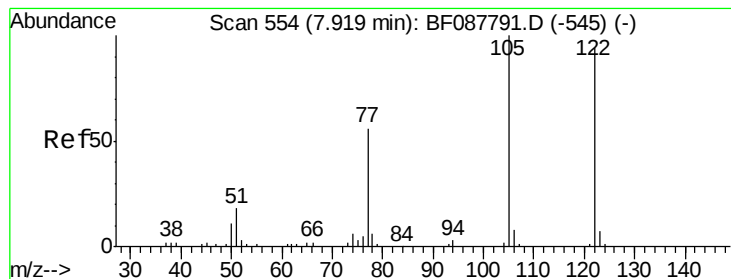
#31
 Naphthalene
 Concen: 21.32 ng
 RT: 7.85 min Scan# 548
 Delta R.T. -0.30 min
 Lab File: BF088453.D
 Acq: 27 Jun 2016 13:49

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 :

PB91593BS

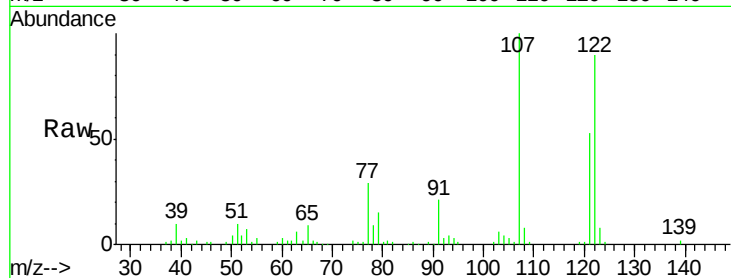
Tot Ion:122 Resp: 97042

Ion Ratio Lower Upper

122 100

105 3.9 101.6 141.6#

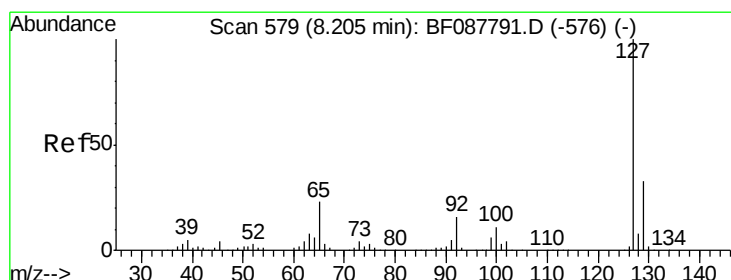
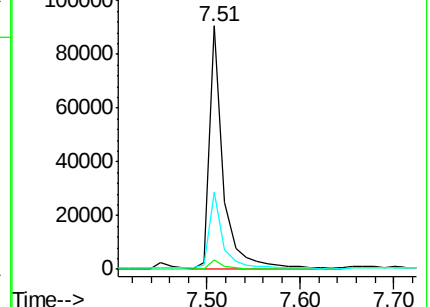
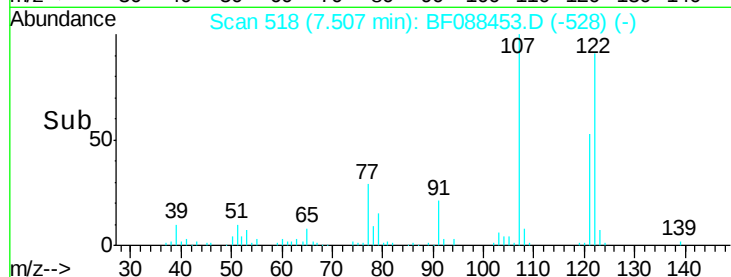
77 31.7 70.6 110.6#



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

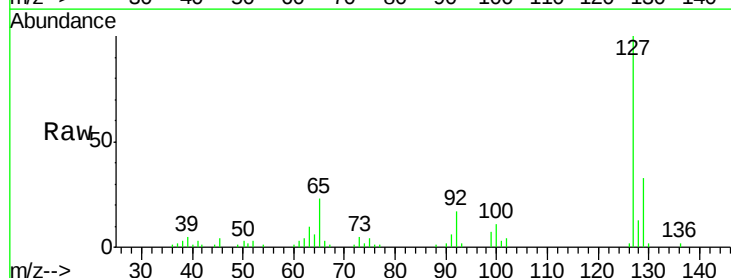
Ion Ratio Lower Upper

127 100

129 32.7 26.3 39.5

65 23.5 24.7 37.1#

92 16.9 15.4 23.0

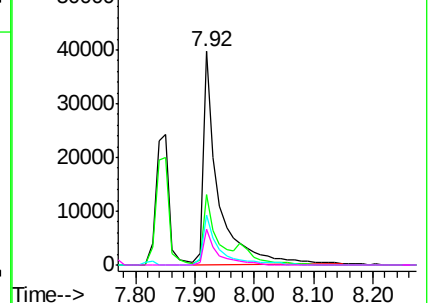
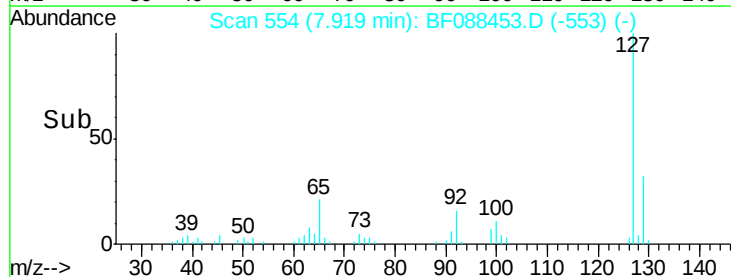


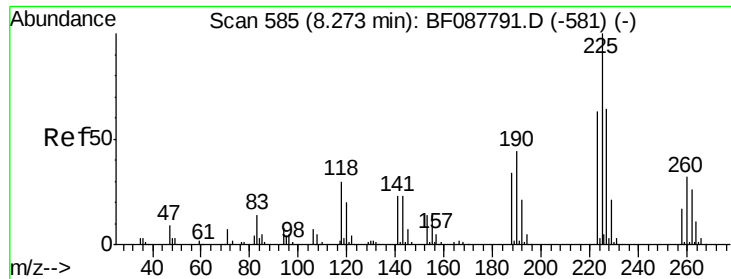
Abundance Ion 127.00 (126.70 to 127.70): E

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 :

PB91593BS

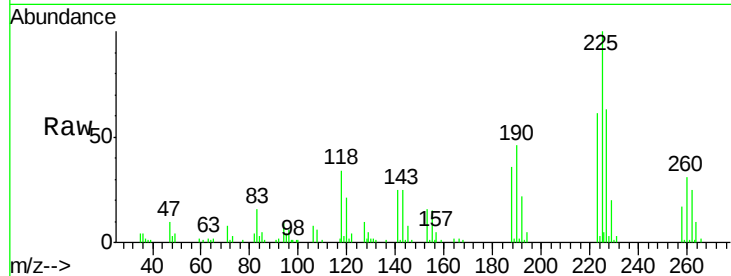
Tot Ion:225 Resp: 48931

Ion Ratio Lower Upper

225 100

223 61.5 50.9 76.3

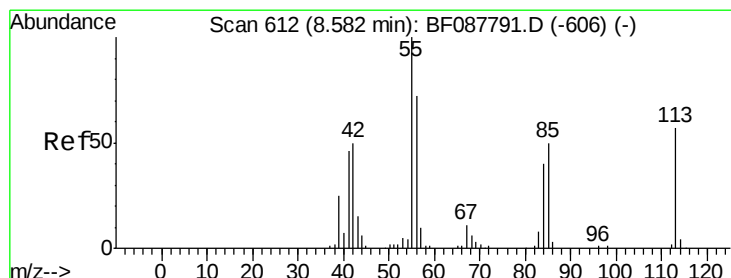
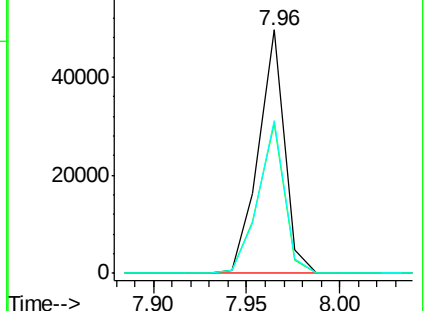
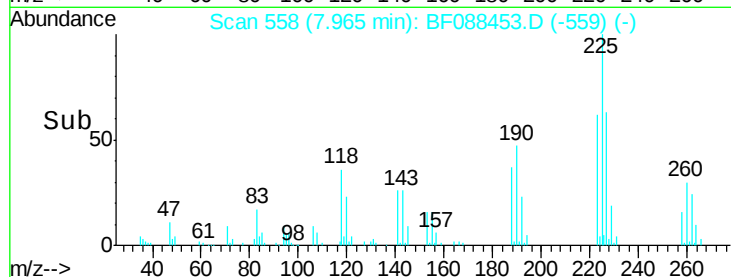
227 62.9 51.9 77.9



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

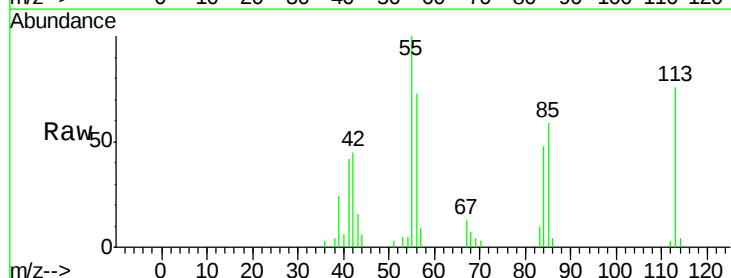
Tgt Ion:113 Resp: 27259

Ion Ratio Lower Upper

113 100

55 130.8 158.6 198.6#

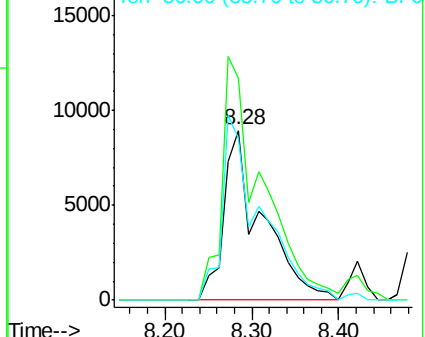
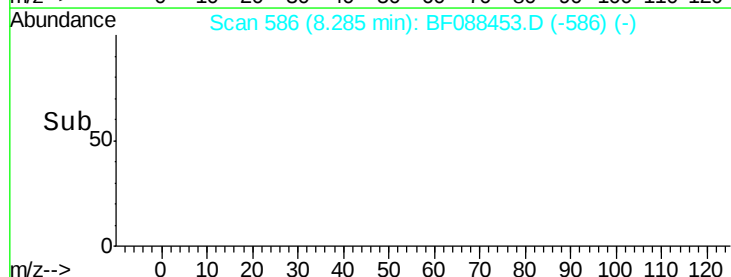
56 95.5 110.6 150.6#

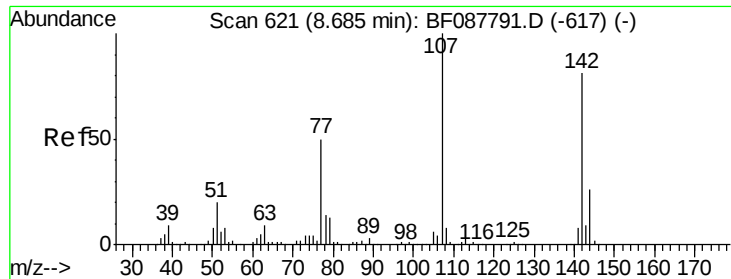


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

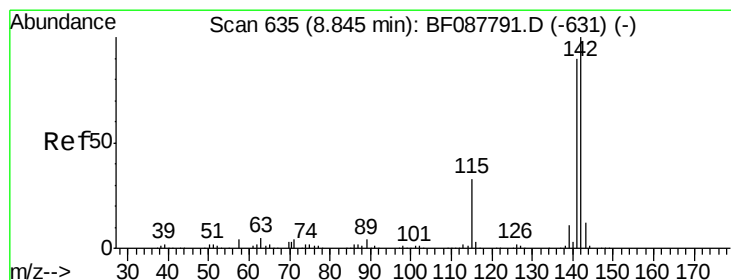
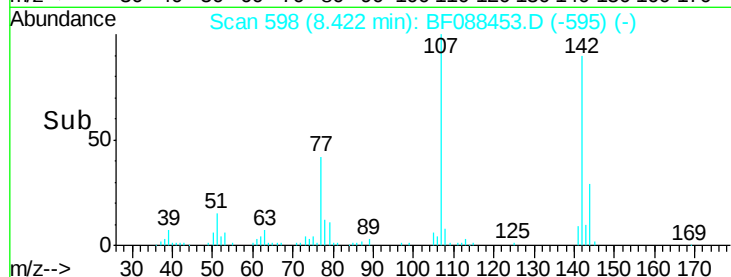
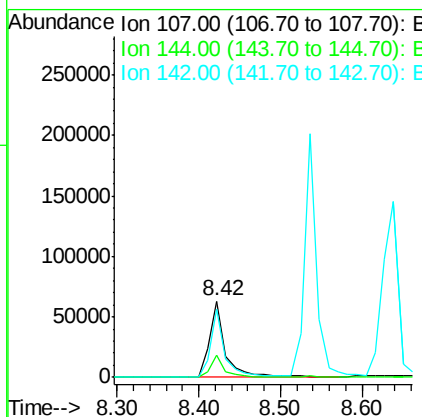
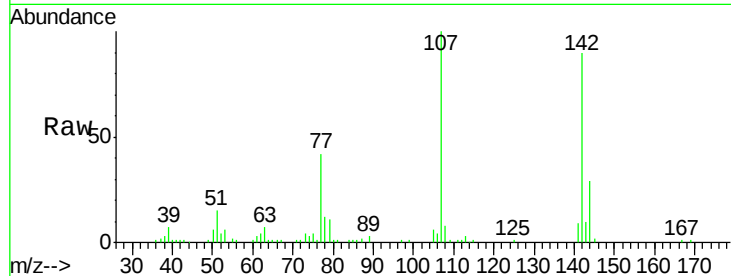




#36
 4-Chloro-3-methylphenol
 Concen: 20.33 ng
 RT: 8.42 min Scan# 598
 Delta R.T. -0.26 min
 Lab File: BF088453.D
 Acq: 27 Jun 2016 13:49

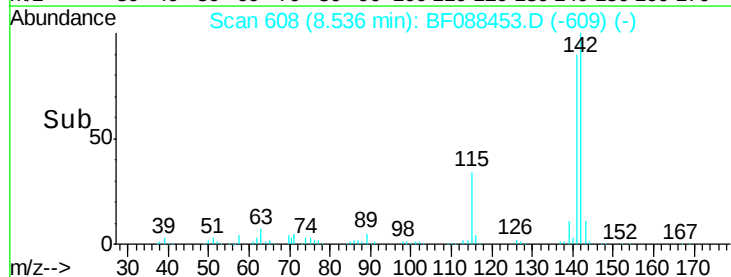
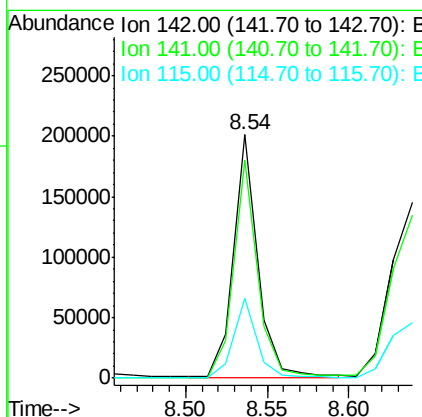
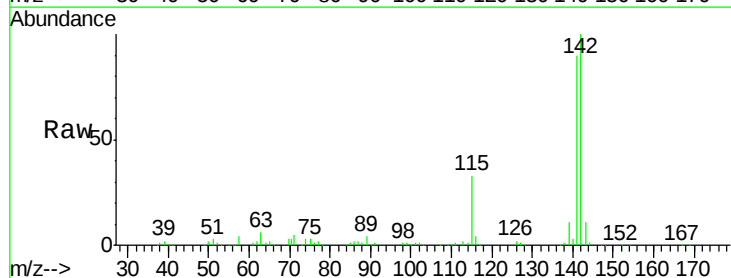
Instrument :
 BNA_F
 ClientSampleId :
 PB91593BS

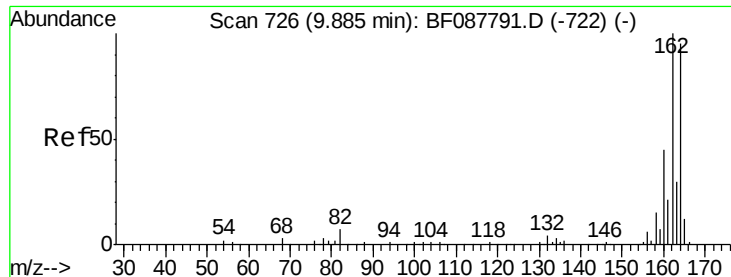
Tot Ion:107 Resp: 88113
 Ion Ratio Lower Upper
 107 100
 144 29.2 20.8 31.2
 142 90.2 63.4 95.2



#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





#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

ClientSampleId :

PB91593BS

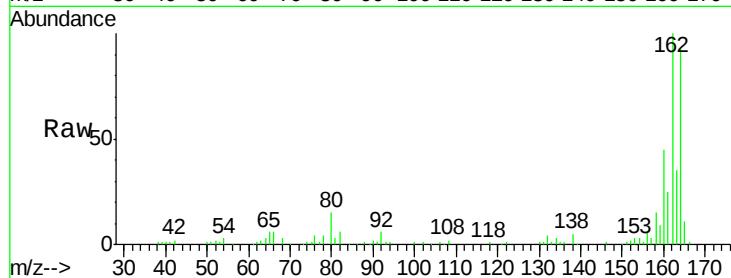
Tot Ion:164 Resp: 139758

Ion Ratio Lower Upper

164 100

162 107.7 85.4 128.2

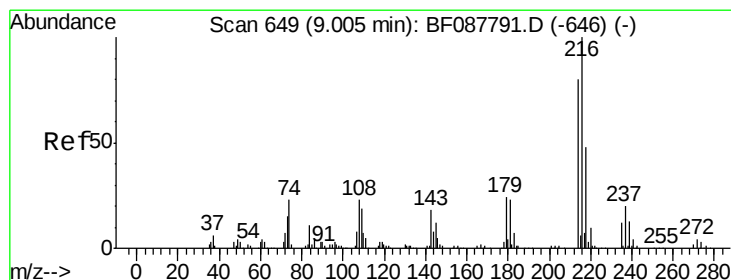
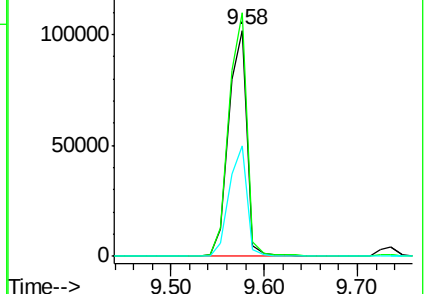
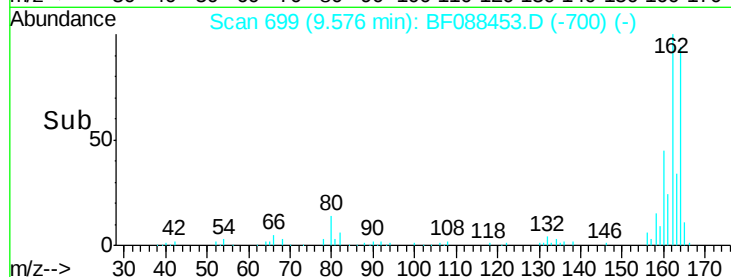
160 48.8 39.5 59.3



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

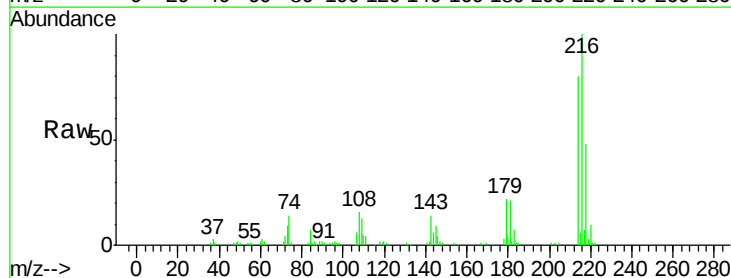
Ion Ratio Lower Upper

216 100

214 79.3 2.9 4.3#

179 22.1 0.0 0.0#

108 18.6 0.5 0.7#

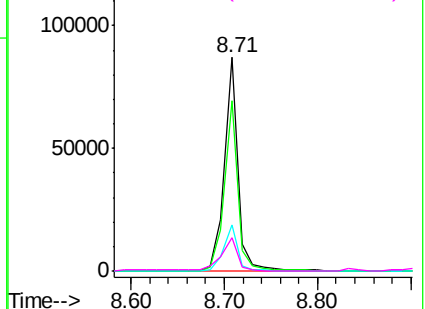
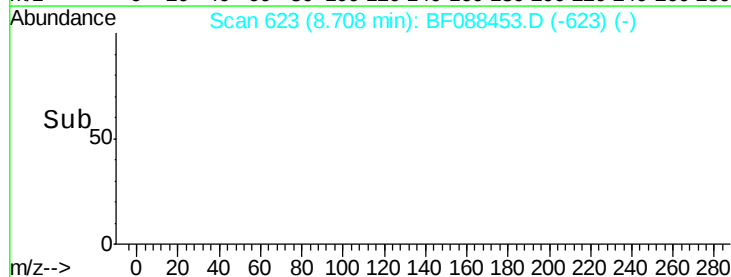


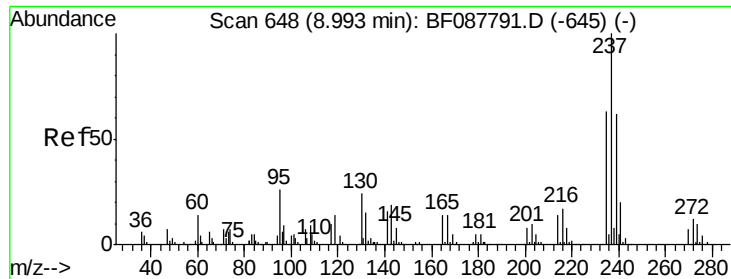
Abundance Ion 216.00 (215.70 to 216.70): E

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

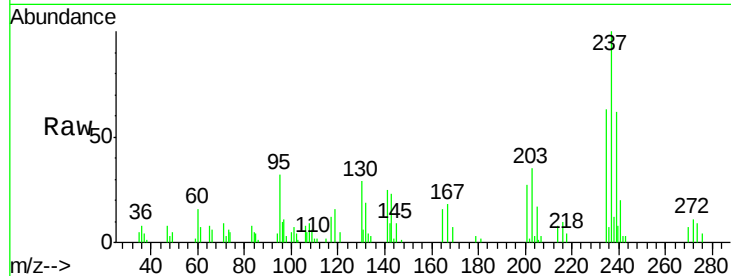




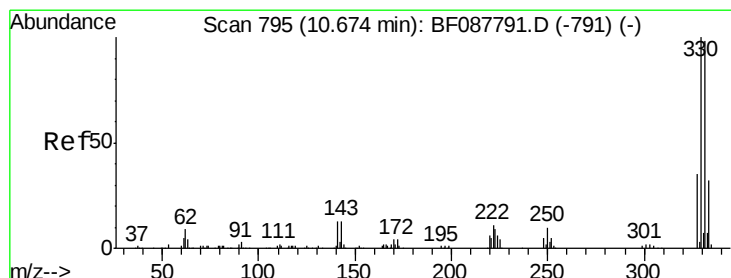
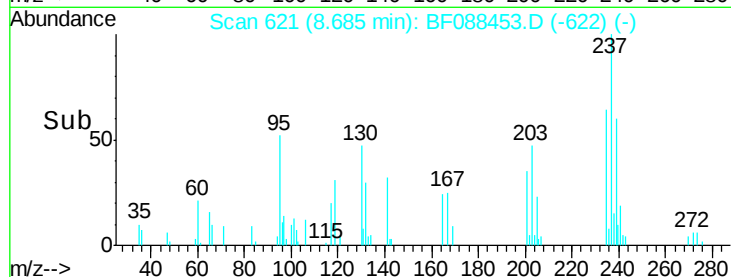
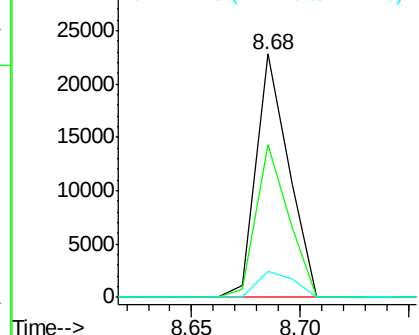
#40
Hexachlorocyclopentadiene
Concen: 10.48 ng
RT: 8.68 min Scan# 621
Delta R.T. -0.31 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Instrument :
BNA_F
ClientSampleId :
PB91593BS

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

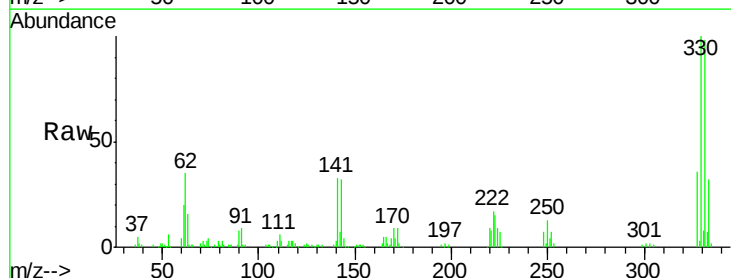


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

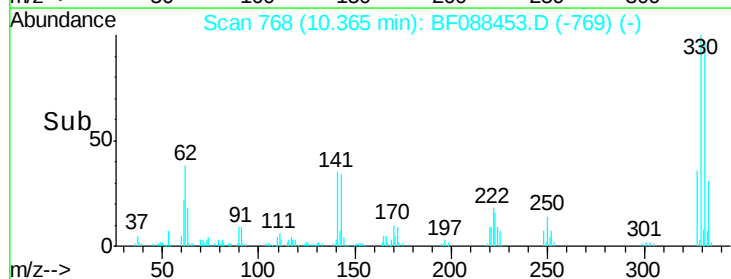
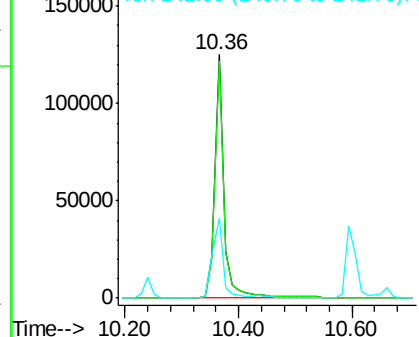


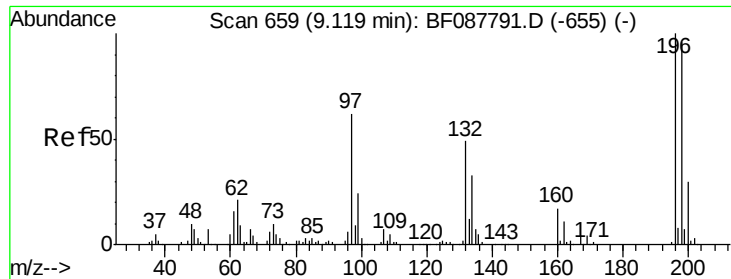
#41
2,4,6-Tribromophenol
Concen: 92.07 ng
RT: 10.36 min Scan# 768
Delta R.T. -0.31 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

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

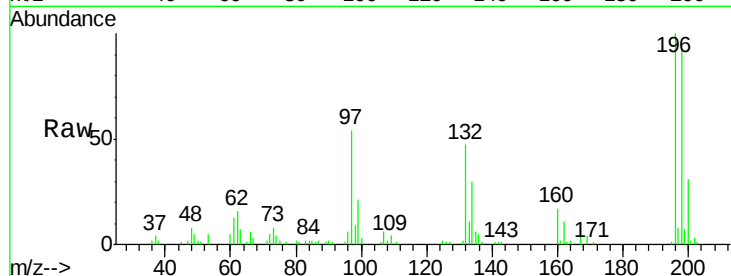




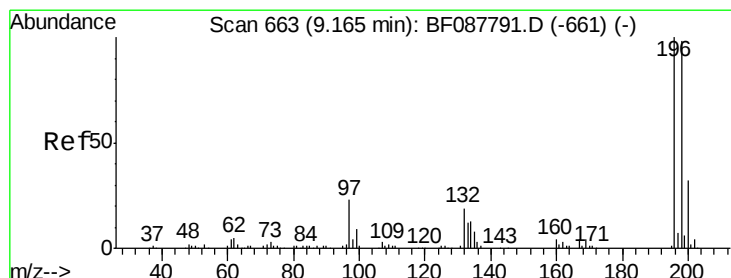
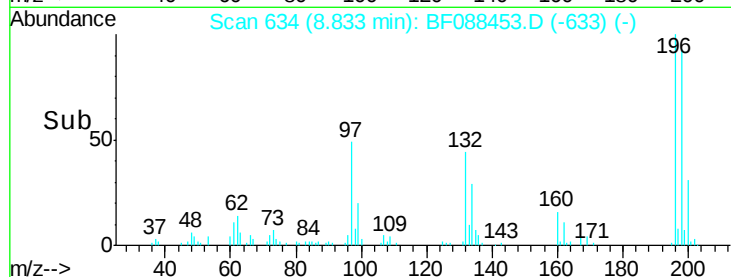
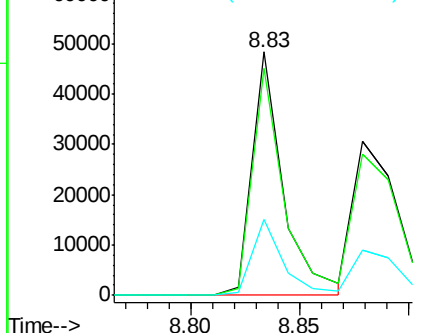
#42
2,4,6-Trichlorophenol
Concen: 17.24 ng
RT: 8.83 min Scan# 634
Delta R.T. -0.29 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Instrument :
BNA_F
ClientSampleId :
PB91593BS

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

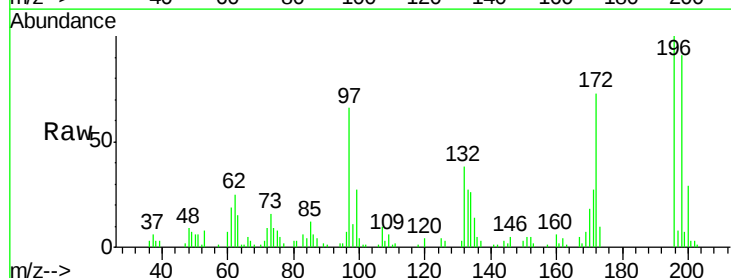


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

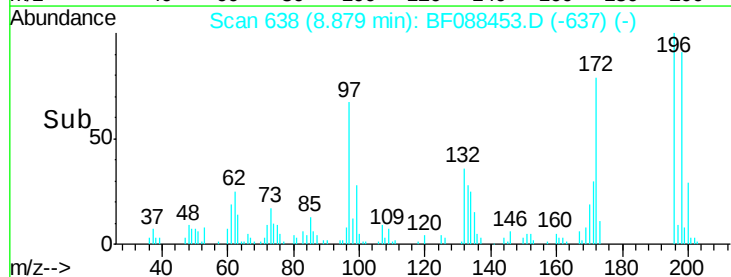
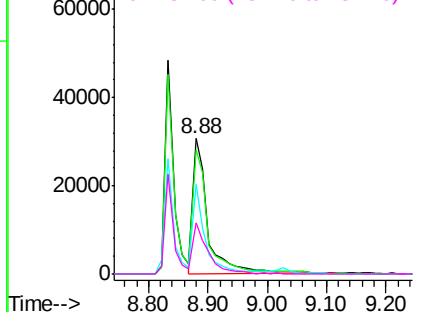


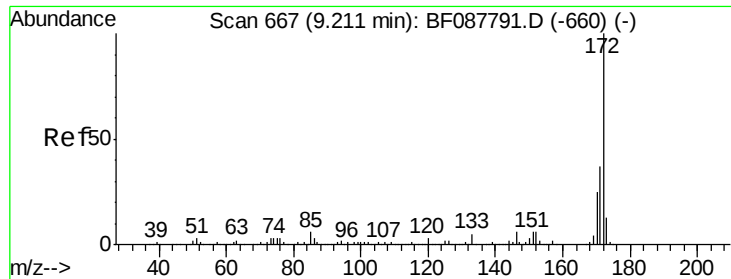
#43
2,4,5-Trichlorophenol
Concen: 18.36 ng
RT: 8.88 min Scan# 638
Delta R.T. -0.29 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

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#



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

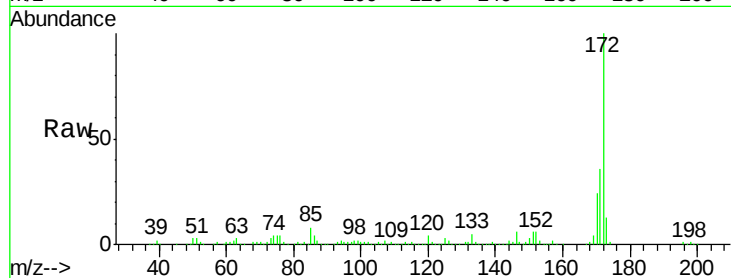




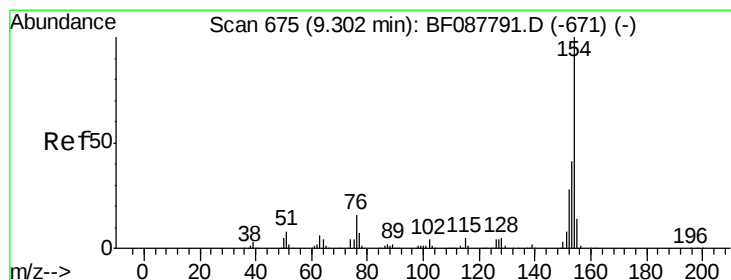
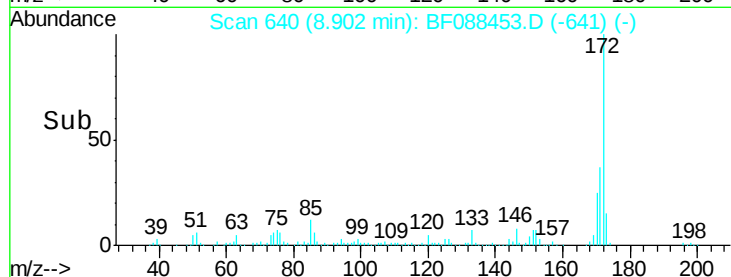
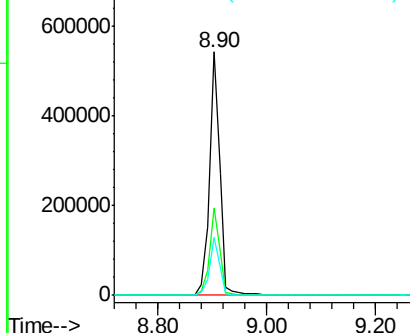
#44
 2-Fluorobiphenyl
 Concen: 80.51 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.31 min
 Lab File: BF088453.D
 Acq: 27 Jun 2016 13:49

Instrument :
 BNA_F
 ClientSampleId :
 PB91593BS

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

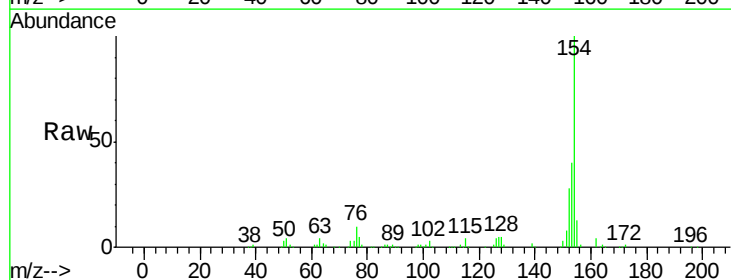


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

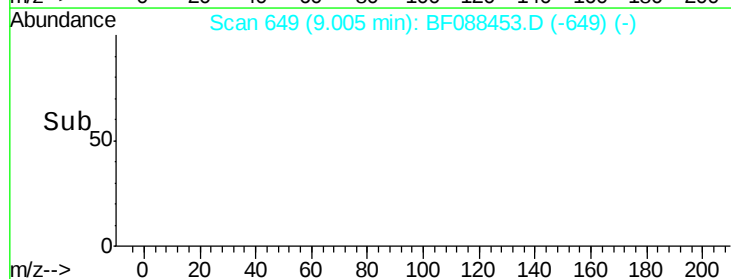
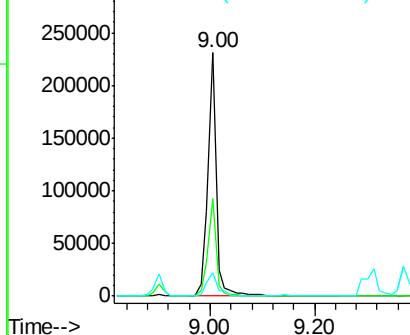


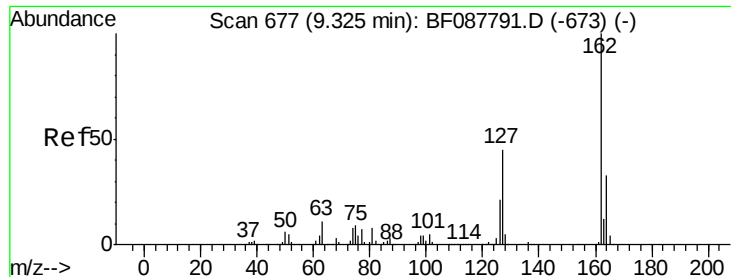
#45
 1,1'-Biphenyl
 Concen: 21.34 ng
 RT: 9.00 min Scan# 649
 Delta R.T. -0.30 min
 Lab File: BF088453.D
 Acq: 27 Jun 2016 13:49

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

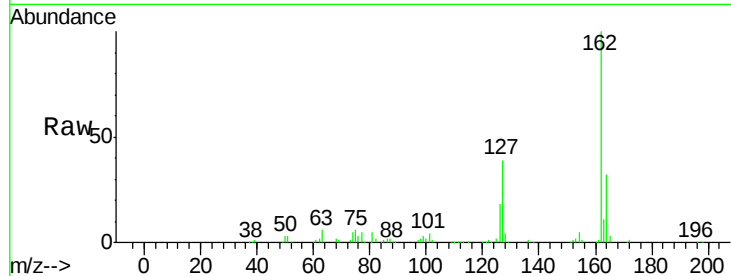




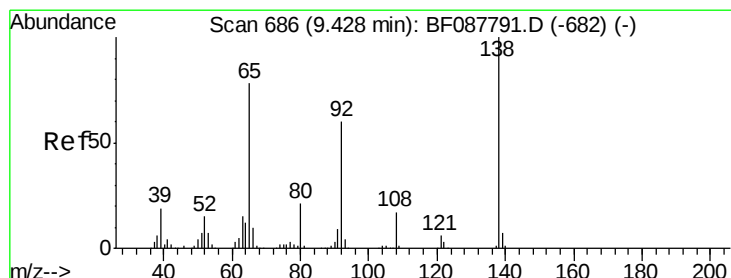
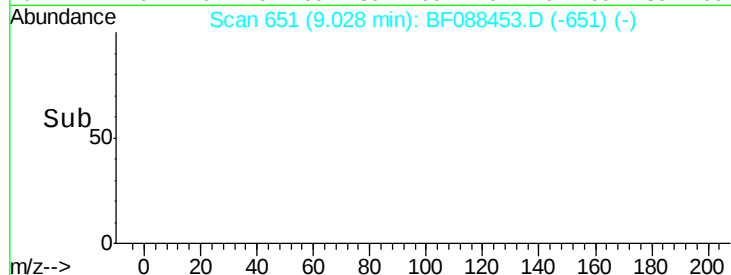
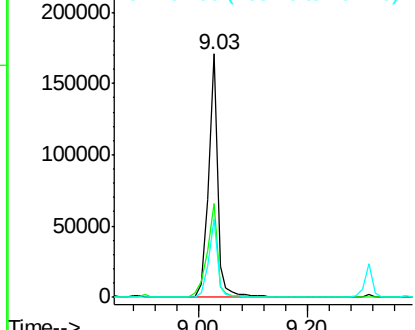
#46
2-Chloronaphthalene
Concen: 22.25 ng
RT: 9.03 min Scan# 651
Delta R.T. -0.30 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Instrument :
BNA_F
ClientSampleId :
PB91593BS

Tot Ion:162 Resp: 201237
Ion Ratio Lower Upper
162 100
127 38.6 35.2 52.8
164 32.1 26.6 39.8

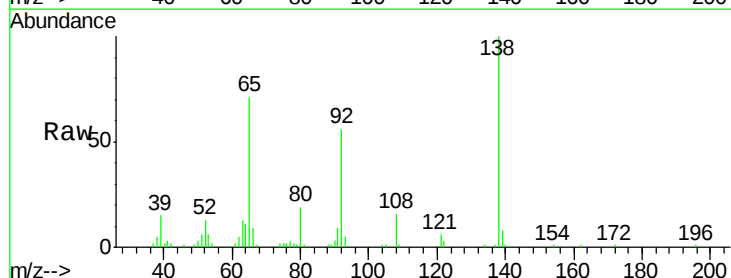


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

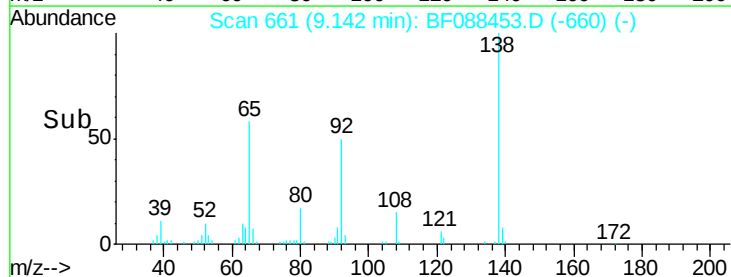
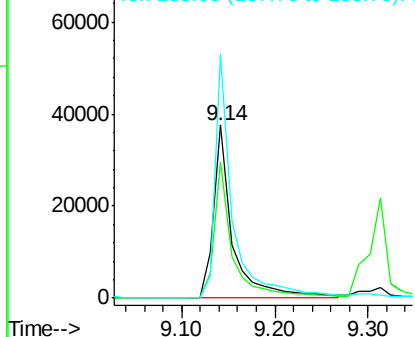


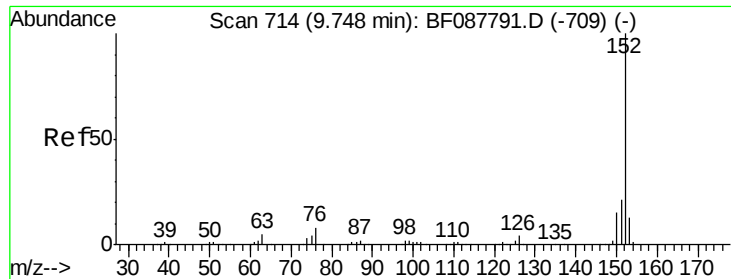
#47
2-Nitroaniline
Concen: 20.31 ng
RT: 9.14 min Scan# 661
Delta R.T. -0.29 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Tgt Ion: 65 Resp: 54183
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 :

PB91593BS

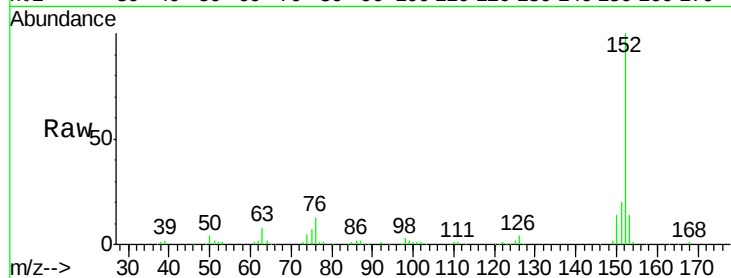
Tot Ion:152 Resp: 313393

Ion Ratio Lower Upper

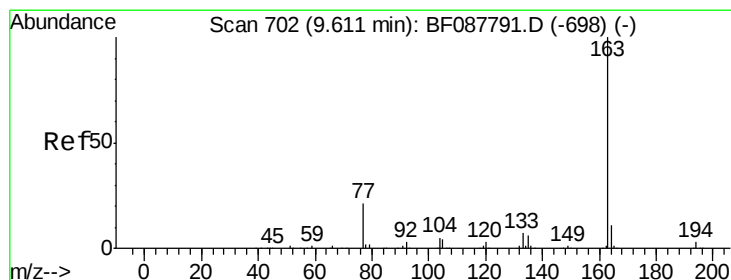
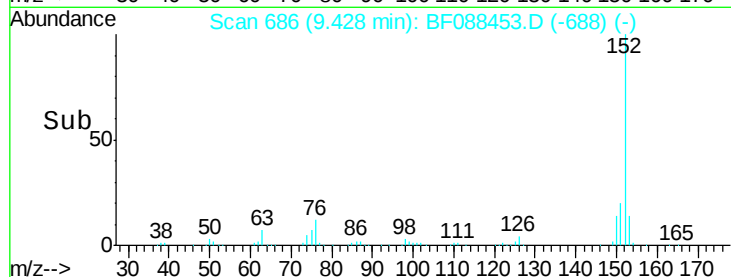
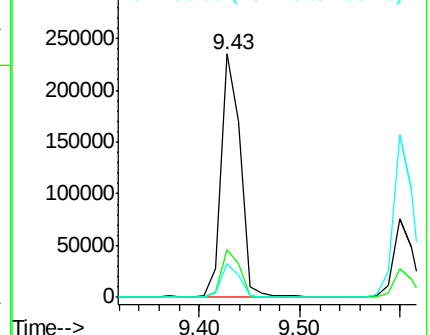
152 100

151 19.9 16.2 24.4

153 13.7 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 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

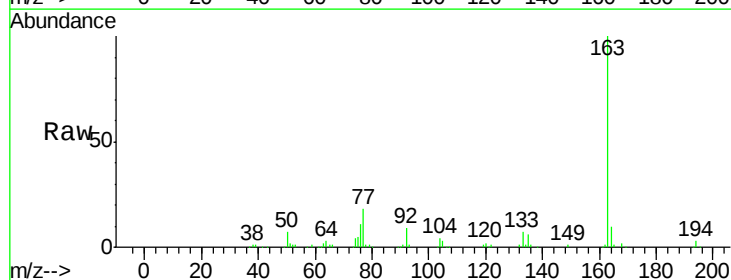
Tgt Ion:163 Resp: 237977

Ion Ratio Lower Upper

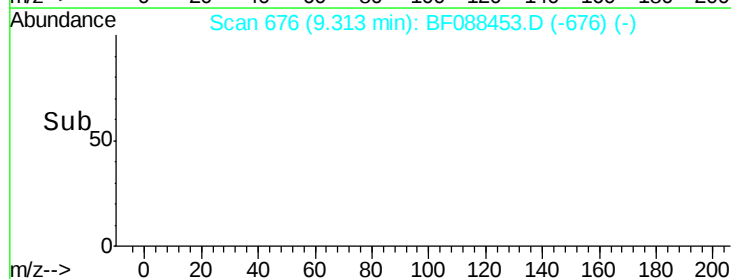
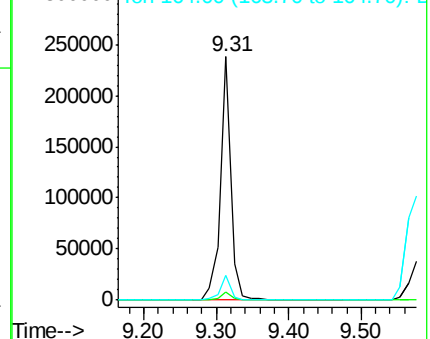
163 100

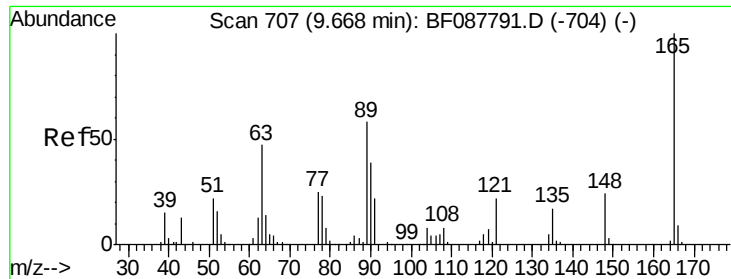
194 3.3 2.8 4.2

164 9.9 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

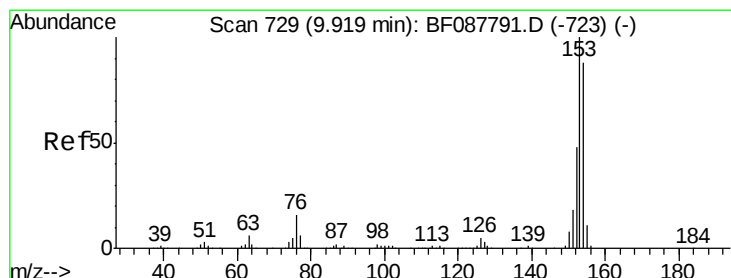
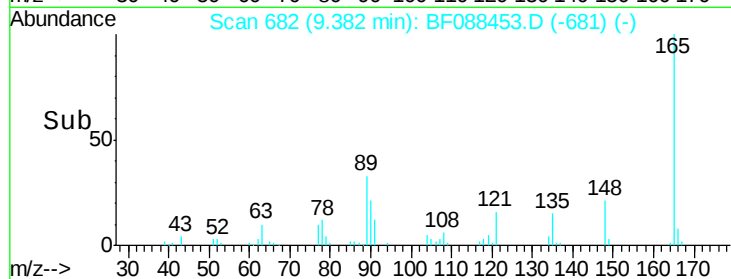
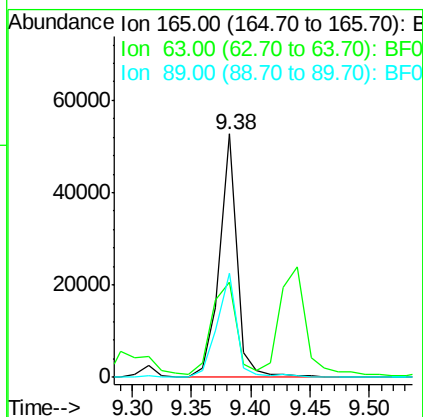
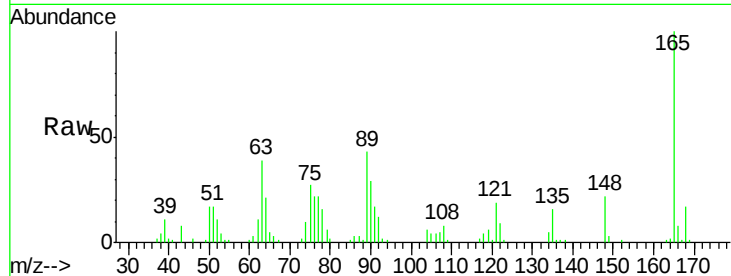




#50
2,6-Dinitrotoluene
Concen: 23.16 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.29 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

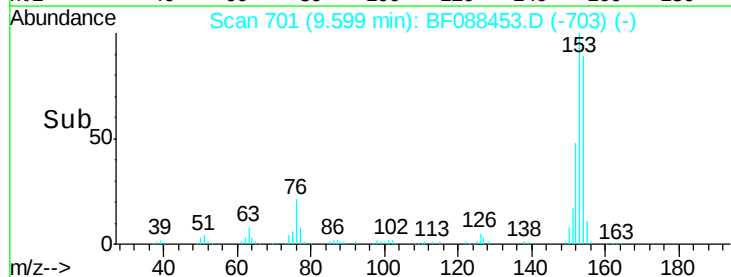
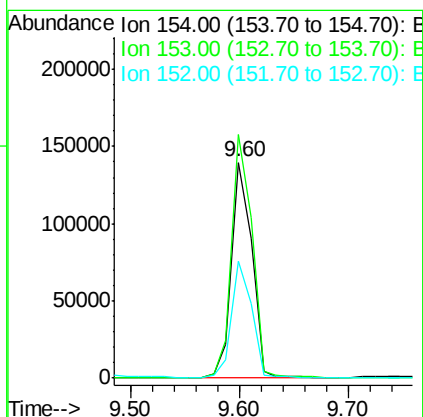
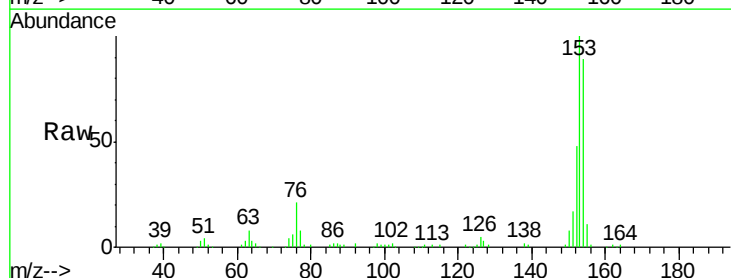
Instrument :
BNA_F
ClientSampleId :
PB91593BS

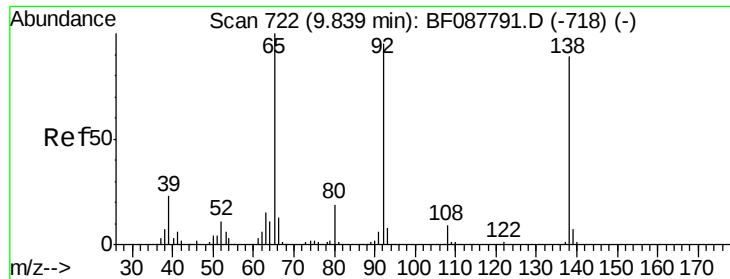
Tot Ion:165 Resp: 53697
Ion Ratio Lower Upper
165 100
63 39.0 28.1 42.1
89 42.8 32.2 48.2



#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:154 Resp: 180852
Ion Ratio Lower Upper
154 100
153 112.8 89.5 134.3
152 54.0 42.7 64.1

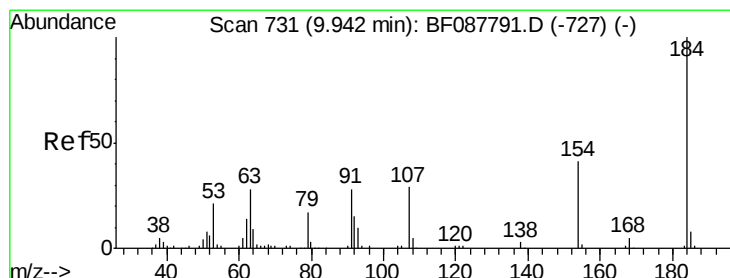
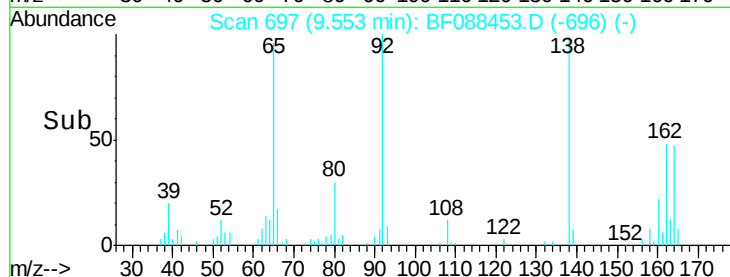
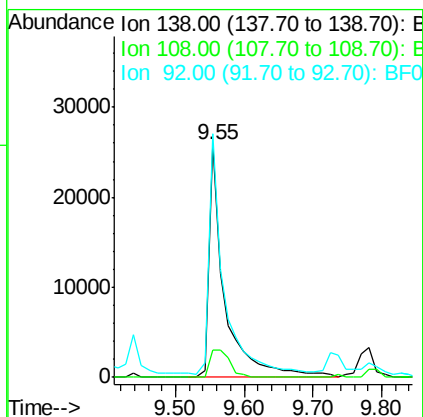
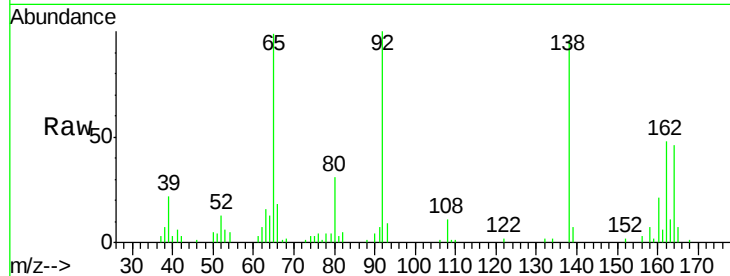




#52
3-Nitroaniline
Concen: 15.55 ng
RT: 9.55 min Scan# 697
Delta R.T. -0.29 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

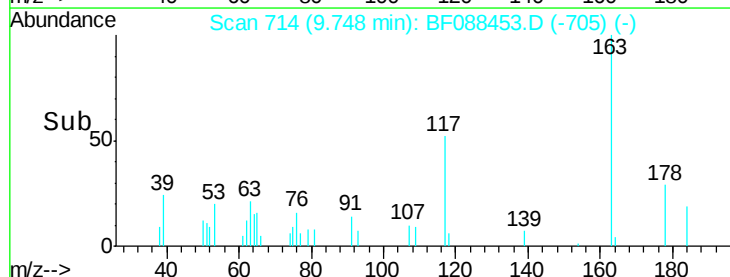
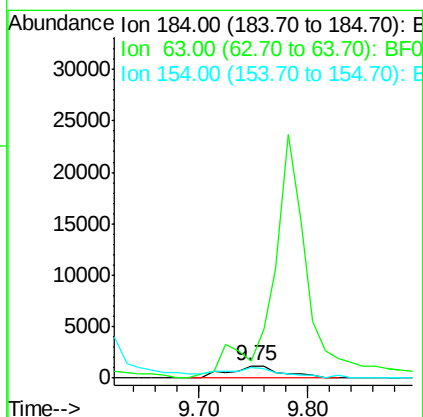
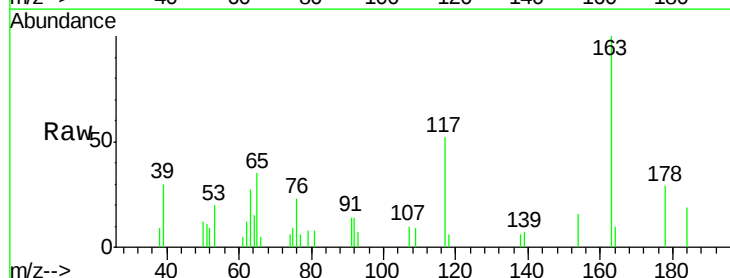
Instrument :
BNA_F
ClientSampleId :
PB91593BS

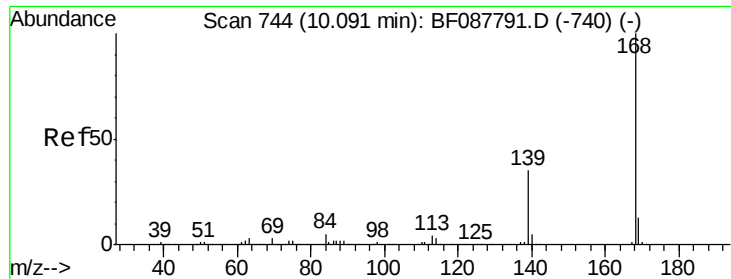
Tot Ion:138 Resp: 41609
Ion Ratio Lower Upper
138 100
108 11.9 8.5 12.7
92 104.4 95.7 143.5



#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#

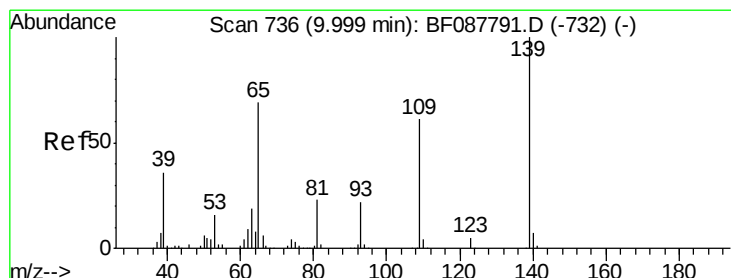
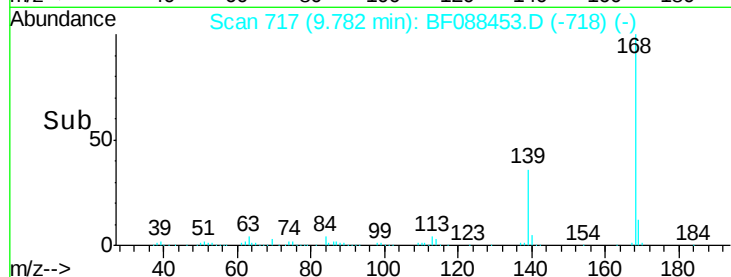
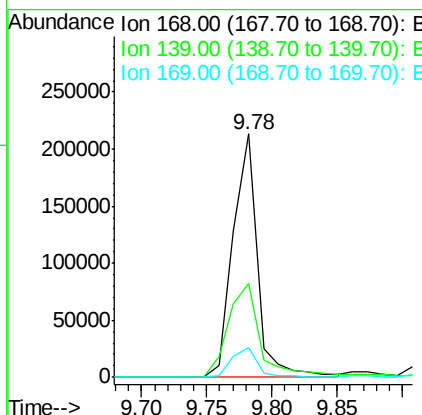
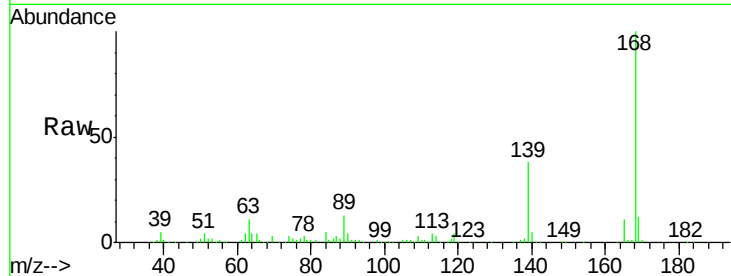




#54
Dibenzofuran
Concen: 22.43 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.31 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

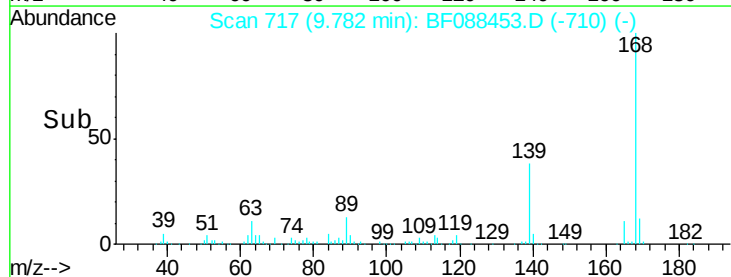
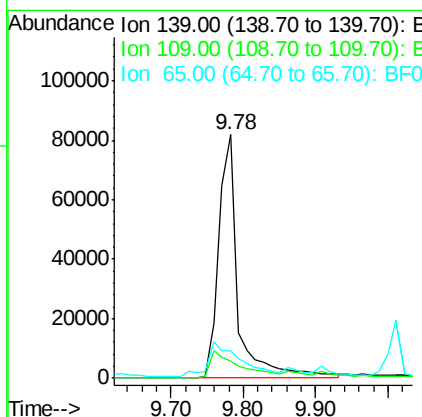
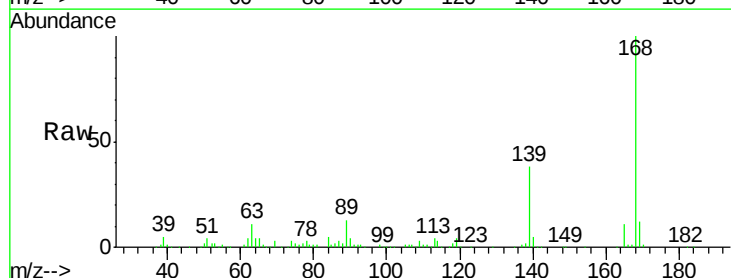
Instrument :
BNA_F
ClientSampleId :
PB91593BS

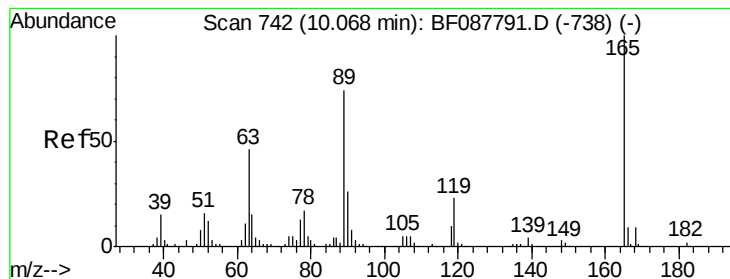
Tot Ion:168 Resp: 277207
Ion Ratio Lower Upper
168 100
139 38.4 26.4 39.6
169 12.5 10.4 15.6



#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#





#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 :

PB91593BS

Tot Ion:165 Resp: 66957

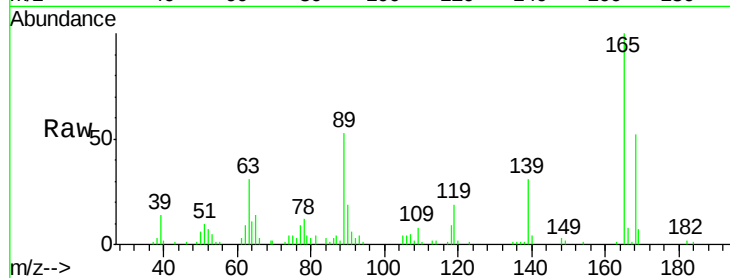
Ion Ratio Lower Upper

165 100

63 31.5 22.0 33.0

89 53.4 41.1 61.7

182 2.4 2.0 3.0

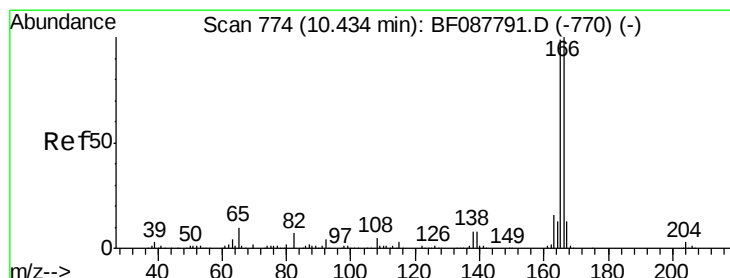
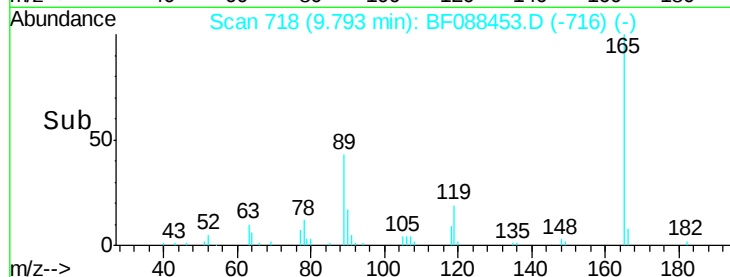
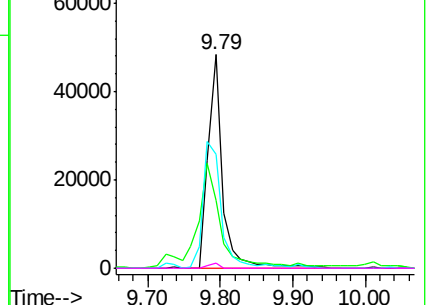


Abundance Ion 165.00 (164.70 to 165.70): E

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

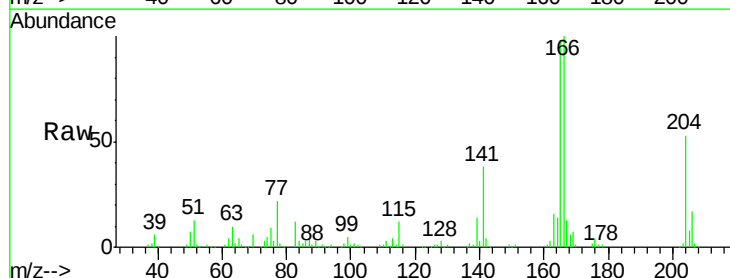
Tgt Ion:166 Resp: 215419

Ion Ratio Lower Upper

166 100

165 98.4 77.8 116.8

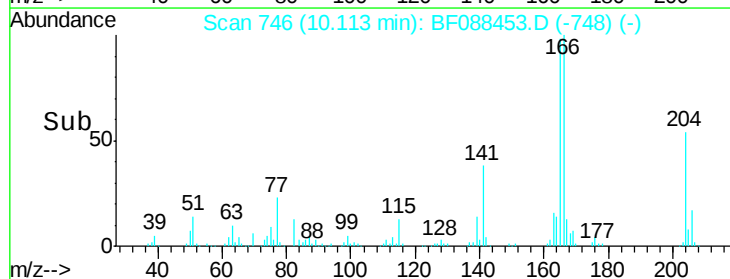
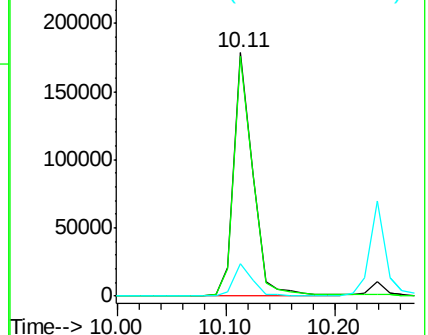
167 13.3 11.2 16.8

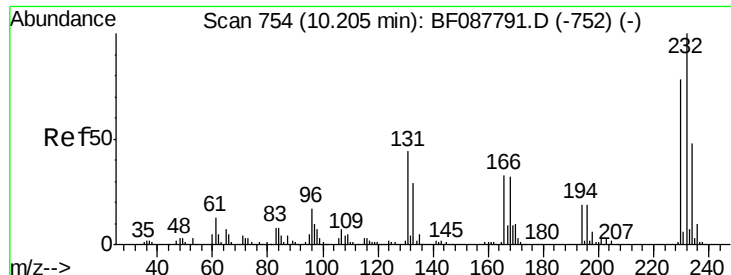


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

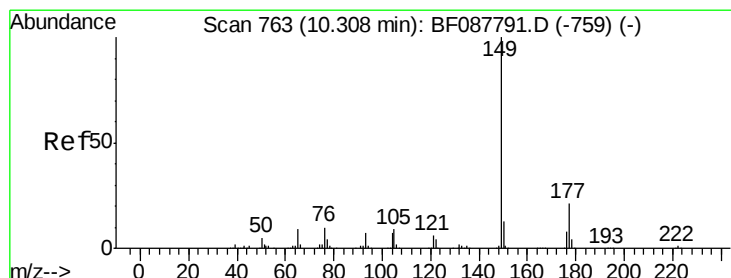
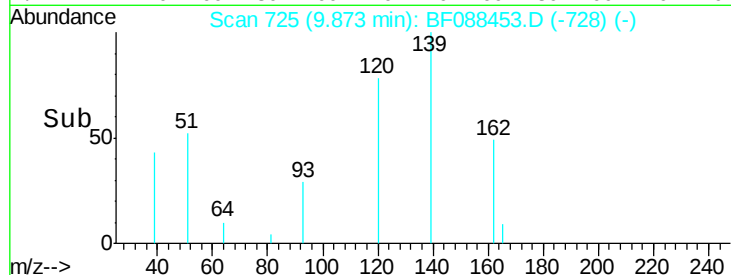
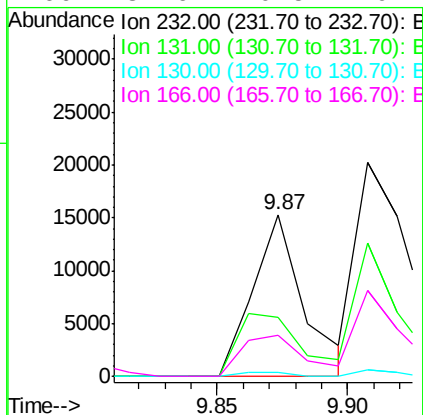
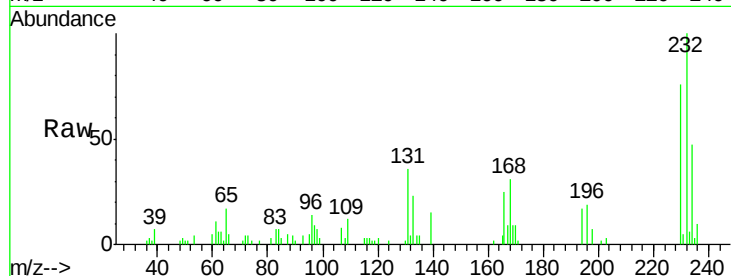




#58
2,3,4,6-Tetrachlorophenol
Concen: 9.10 ng
RT: 9.87 min Scan# 725
Delta R.T. -0.33 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

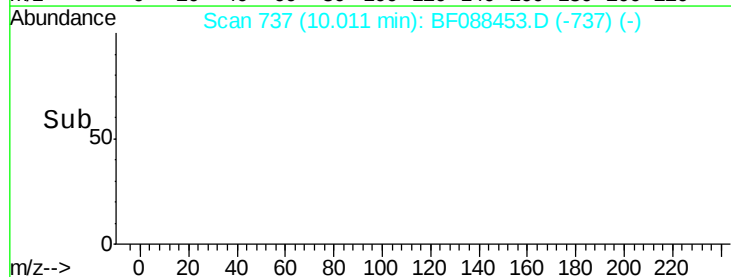
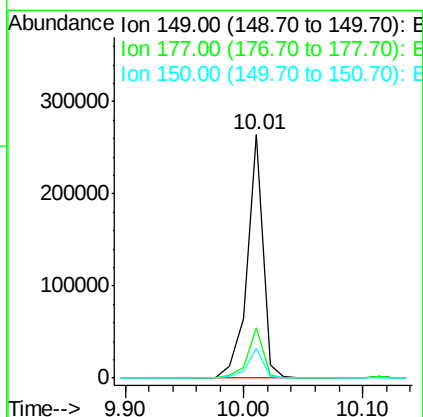
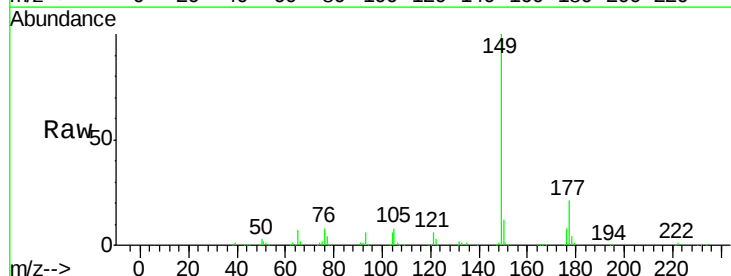
Instrument :
BNA_F
ClientSampleId :
PB91593BS

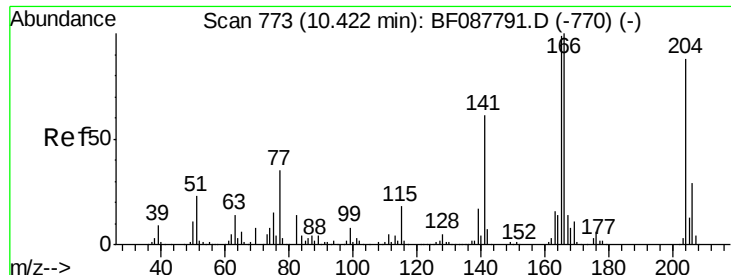
Tot Ion:232 Resp: 20792
Ion Ratio Lower Upper
232 100
131 49.2 0.9 1.3#
130 2.3 1.5 2.3#
166 31.6 0.5 0.7#



#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

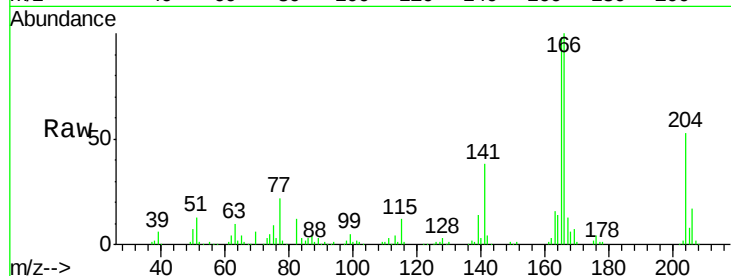




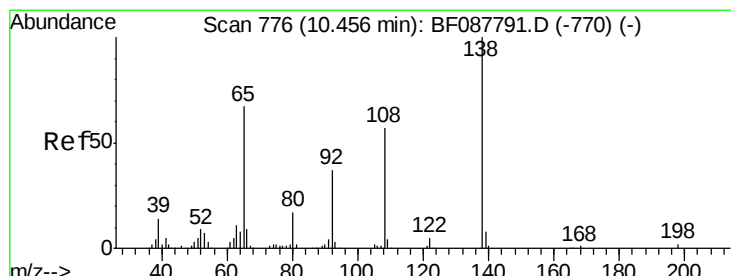
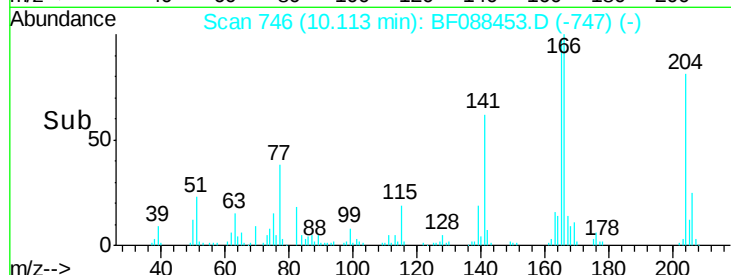
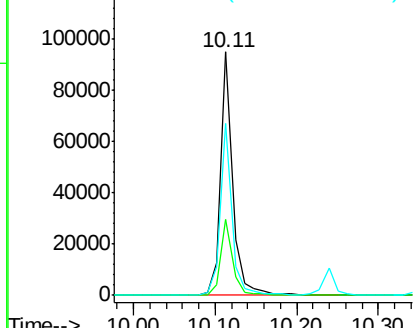
#60
4-Chlorophenyl-phenylether
Concen: 23.73 ng
RT: 10.11 min Scan# 746
Delta R.T. -0.31 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Instrument :
BNA_F
ClientSampleId :
PB91593BS

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

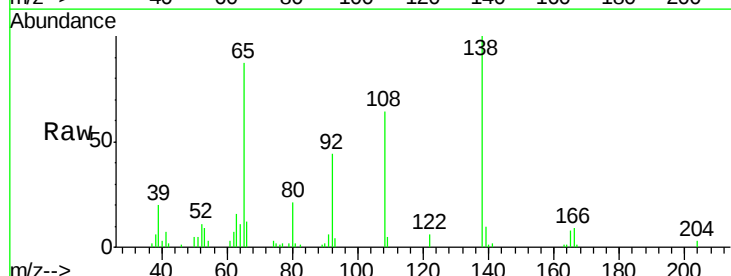


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

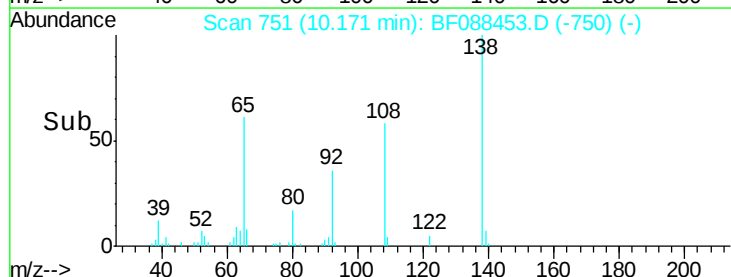
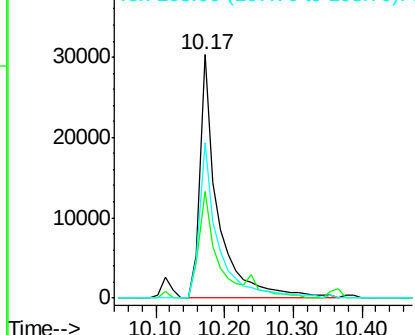


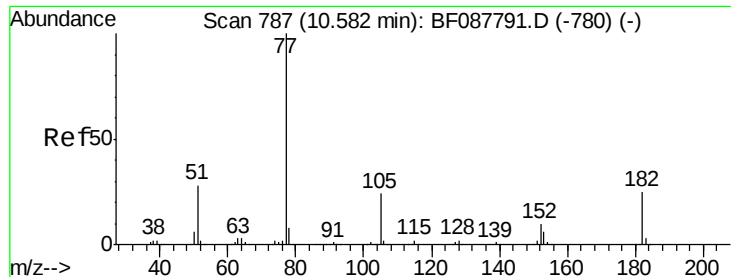
#61
4-Nitroaniline
Concen: 21.40 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.29 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

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 :

PB91593BS

Tot Ion: 77 Resp: 232232

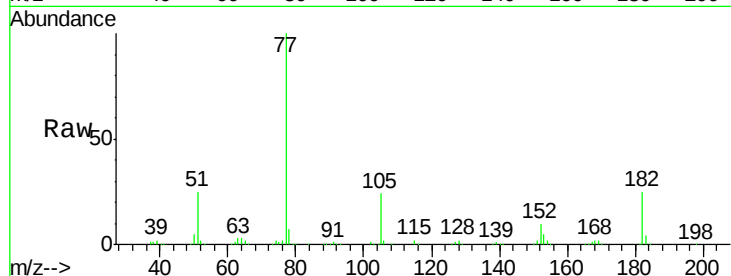
Ion Ratio Lower Upper

77 100

182 25.4 4.4 44.4

105 23.9 3.8 43.8

51 24.8 9.3 49.3

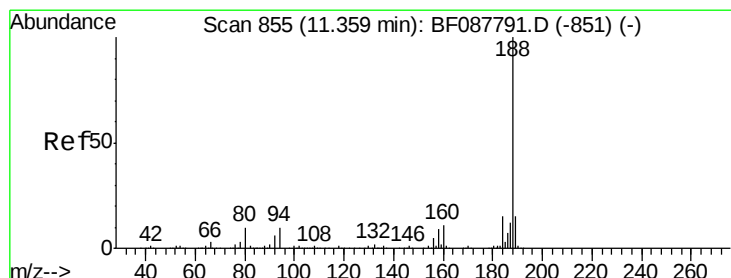
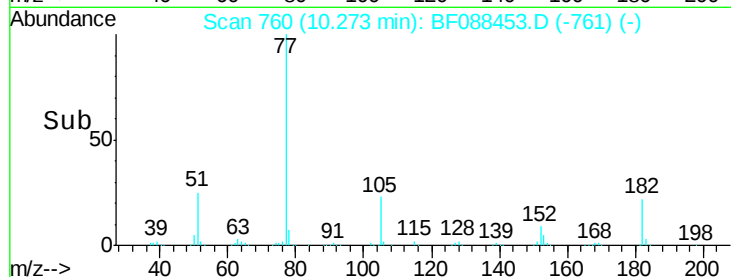
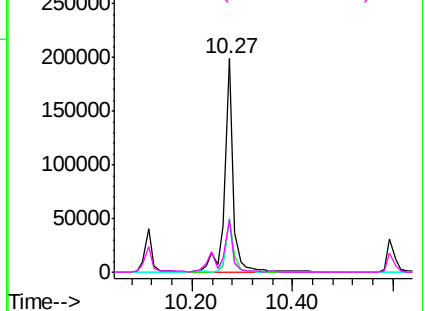


Abundance Ion 77.00 (76.70 to 77.70): BF0

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

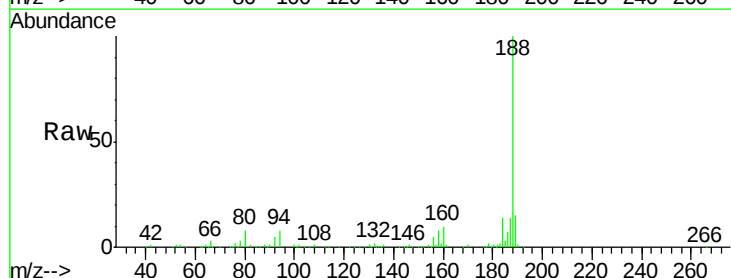
Tgt Ion: 188 Resp: 266523

Ion Ratio Lower Upper

188 100

94 8.1 9.0 13.6#

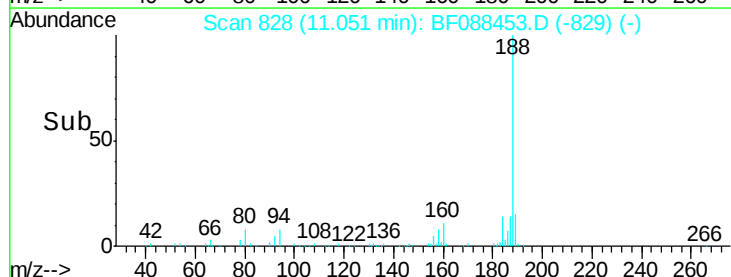
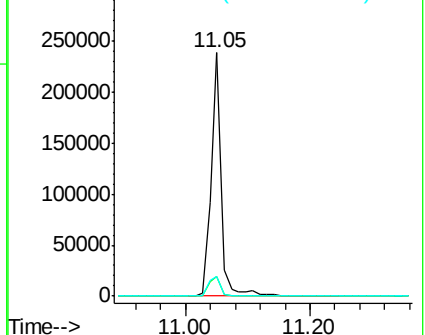
80 8.2 10.0 15.0#

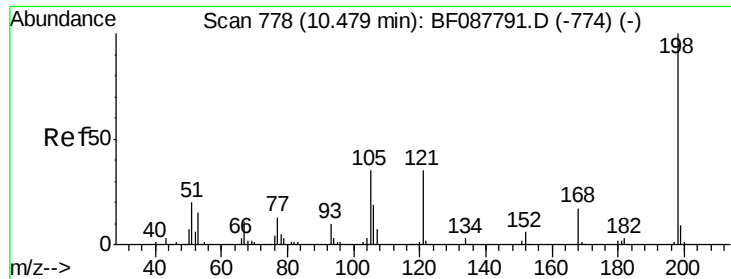


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

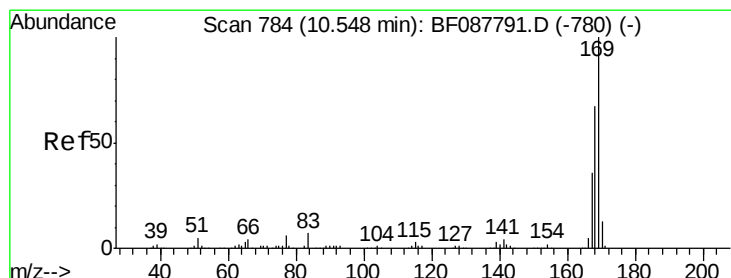
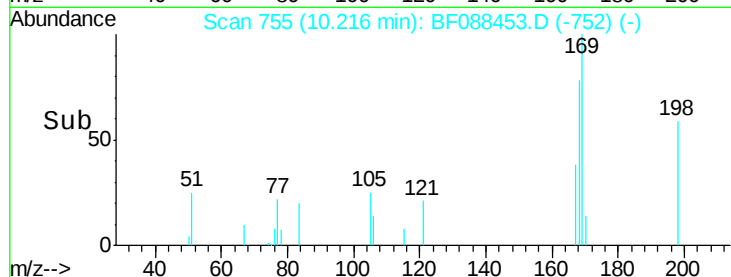
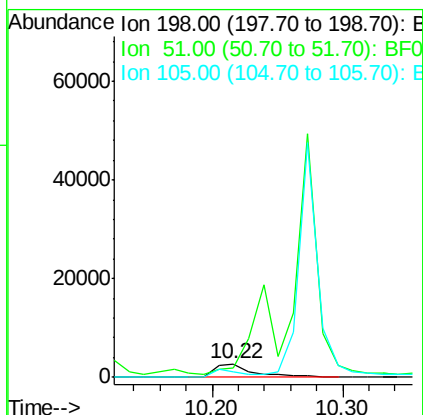
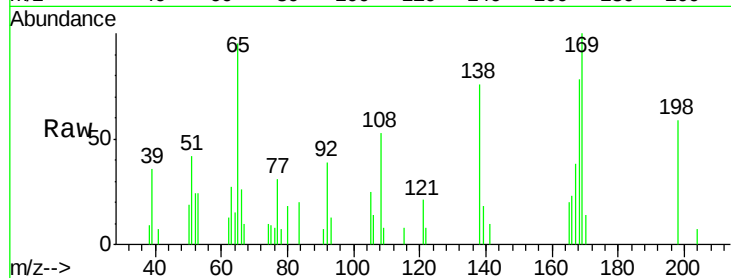




#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.39 ng
 RT: 10.22 min Scan# 755
 Delta R.T. -0.26 min
 Lab File: BF088453.D
 Acq: 27 Jun 2016 13:49

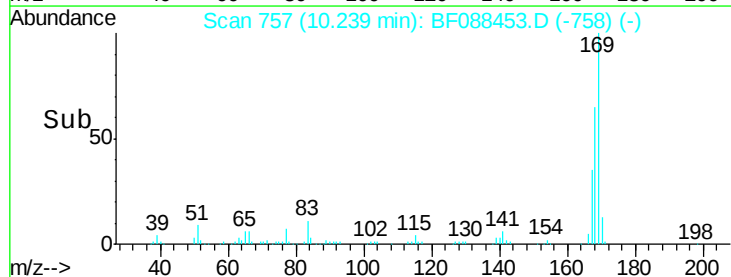
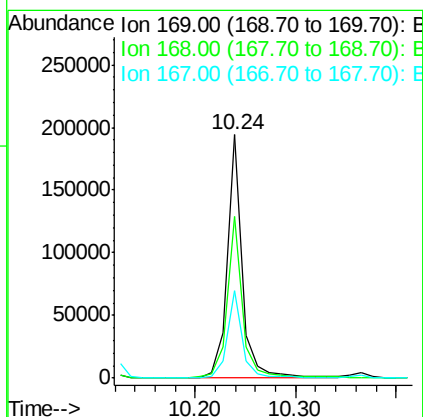
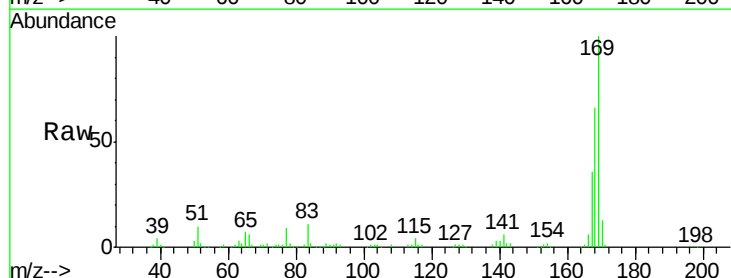
Instrument :
 BNA_F
 ClientSampleId :
 PB91593BS

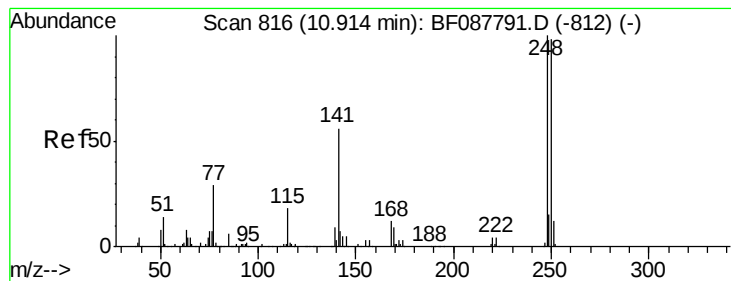
Tot Ion:198 Resp: 5628
 Ion Ratio Lower Upper
 198 100
 51 72.3 39.6 79.6
 105 42.6 36.6 76.6



#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 :

PB91593BS

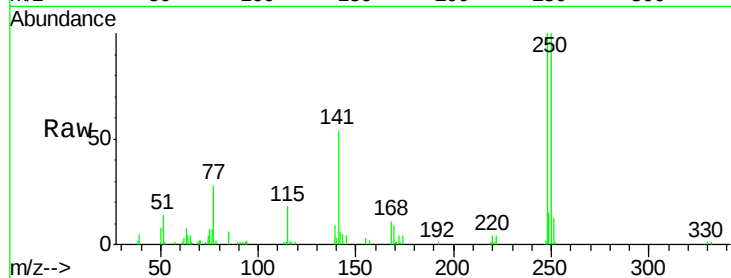
Tot Ion:248 Resp: 60678

Ion Ratio Lower Upper

248 100

250 99.7 77.1 115.7

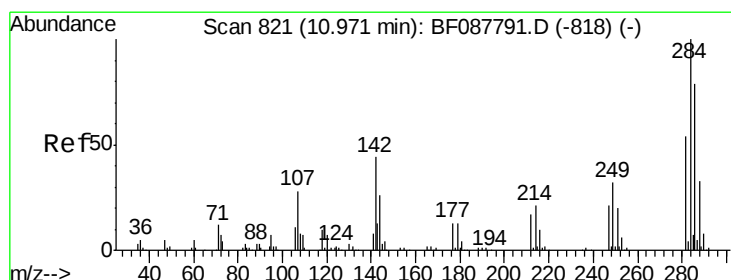
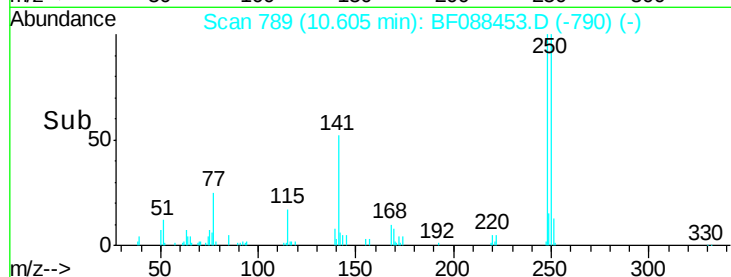
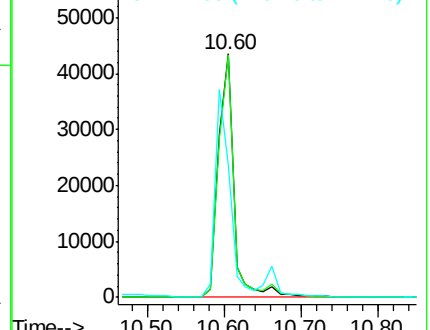
141 54.1 50.6 76.0



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

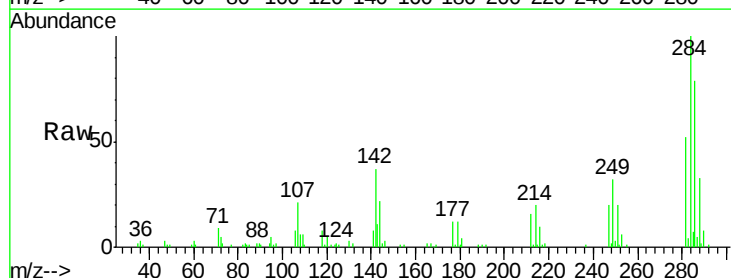
Tgt Ion:284 Resp: 65298

Ion Ratio Lower Upper

284 100

142 37.1 35.8 53.8

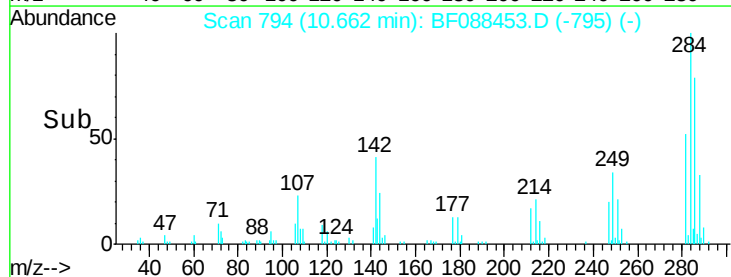
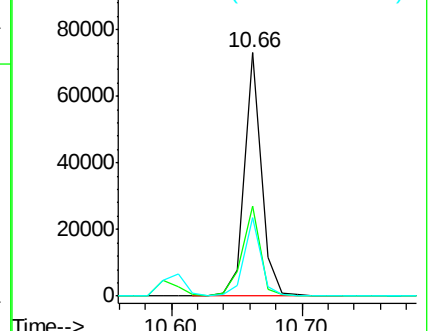
249 32.5 25.8 38.6

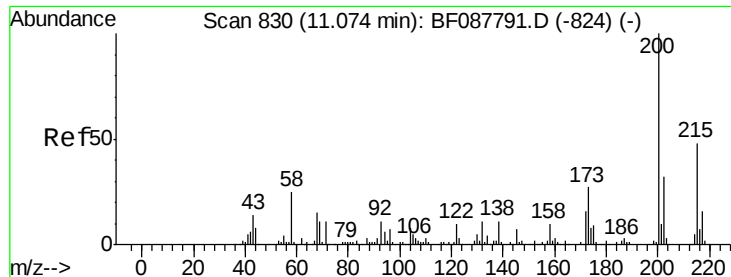


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

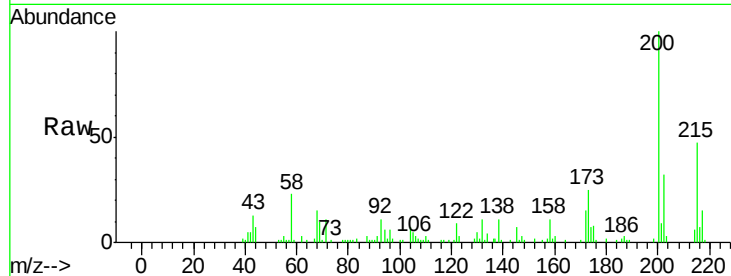




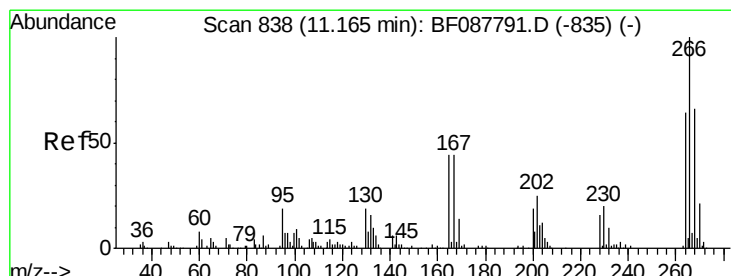
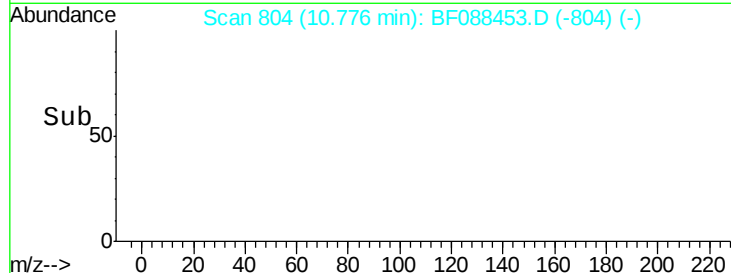
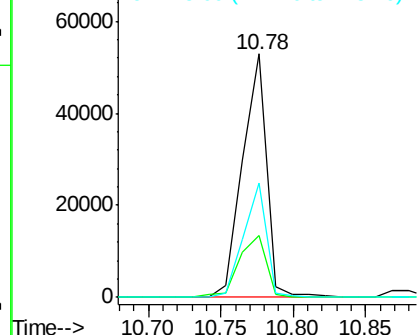
#68
Atrazine
Concen: 22.84 ng
RT: 10.78 min Scan# 804
Delta R.T. -0.30 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

Instrument :
BNA_F
ClientSampleId :
PB91593BS

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

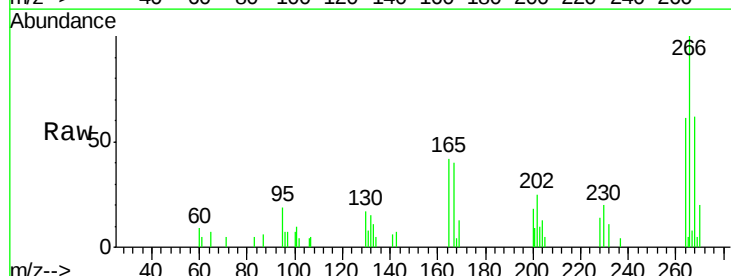


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

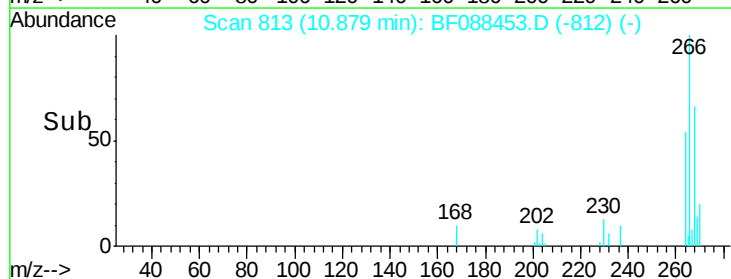
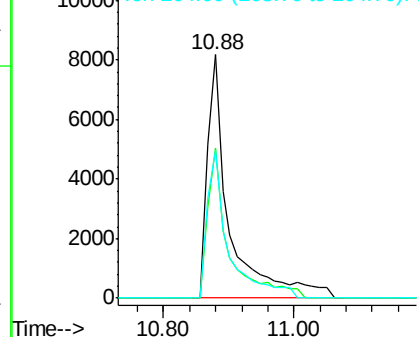


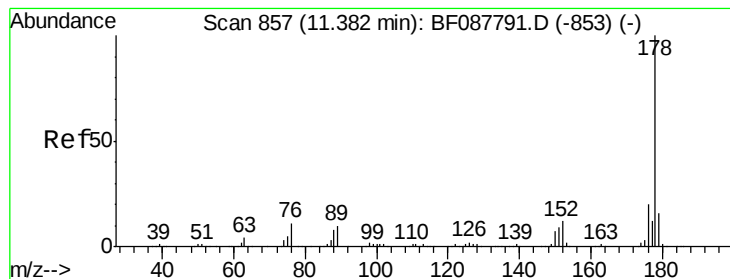
#69
Pentachlorophenol
Concen: 12.11 ng
RT: 10.88 min Scan# 813
Delta R.T. -0.29 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

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 :

PB91593BS

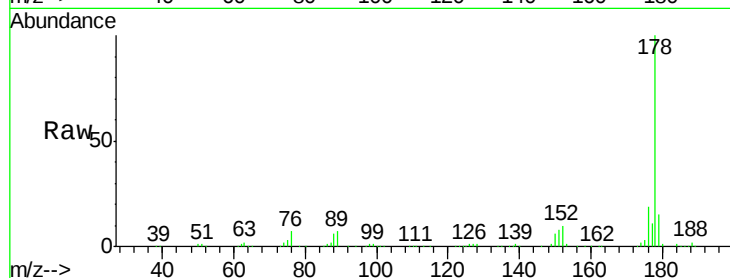
Tot Ion:178 Resp: 319065

Ion Ratio Lower Upper

178 100

176 19.2 15.8 23.6

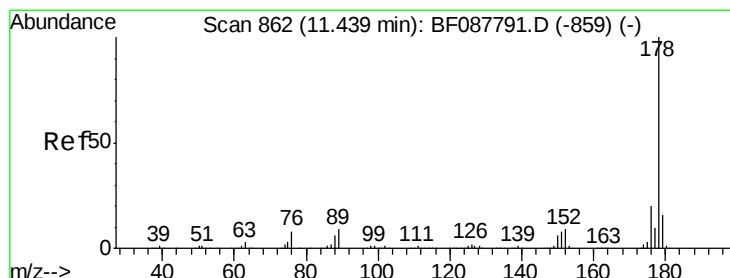
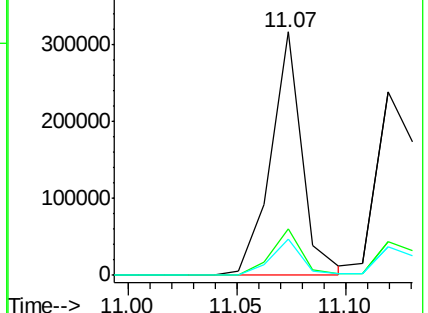
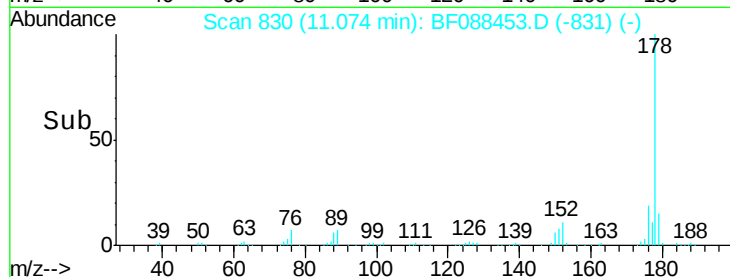
179 15.0 13.0 19.4



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

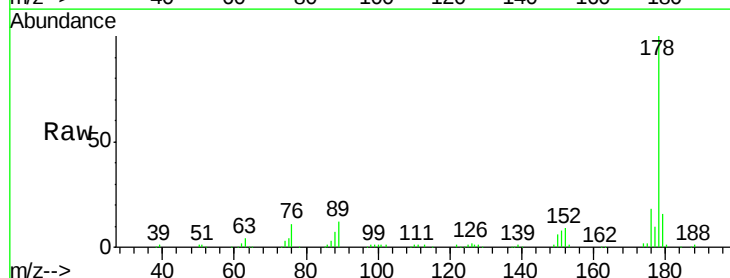
Tgt Ion:178 Resp: 347236

Ion Ratio Lower Upper

178 100

176 18.4 15.6 23.4

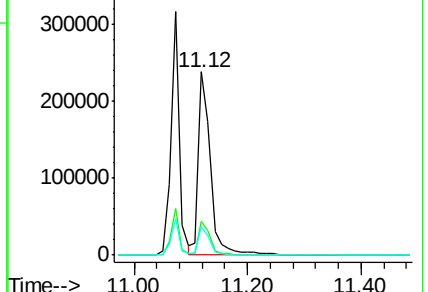
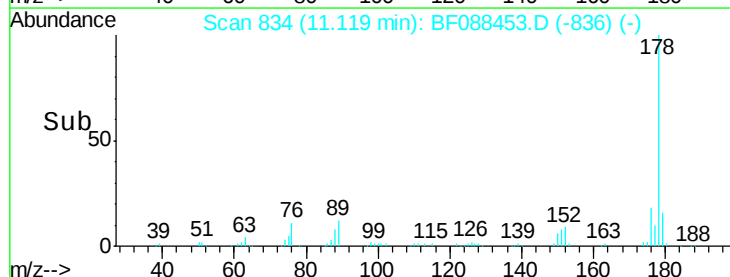
179 15.5 12.8 19.2

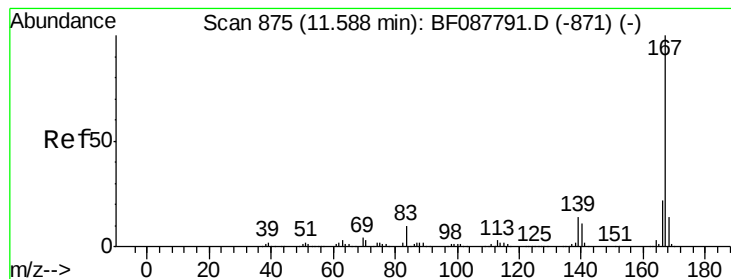


Abundance Ion 178.00 (177.70 to 178.70): E

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 :

PB91593BS

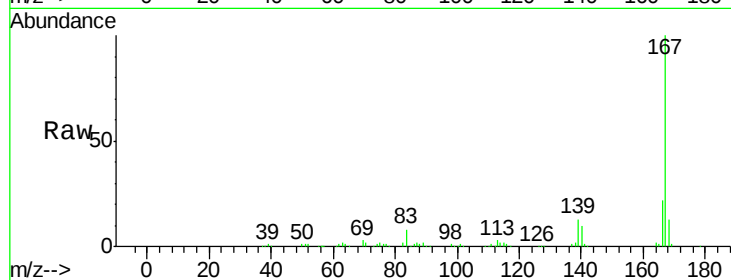
Tot Ion:167 Resp: 325703

Ion Ratio Lower Upper

167 100

166 22.0 17.8 26.6

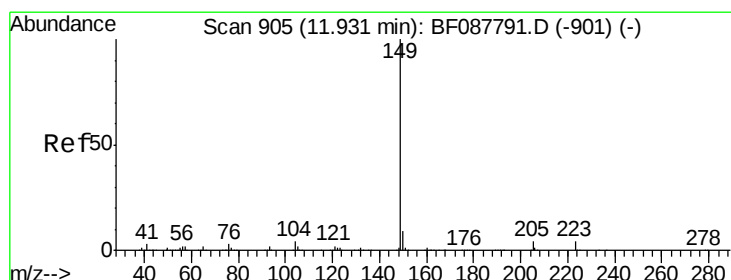
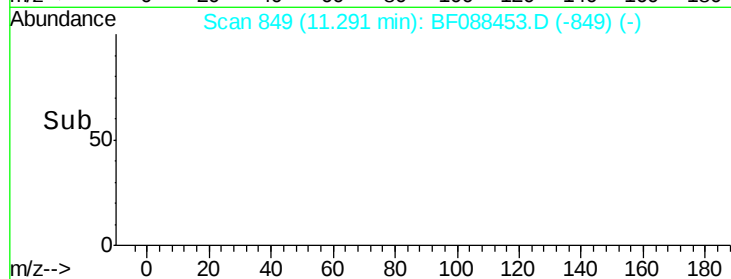
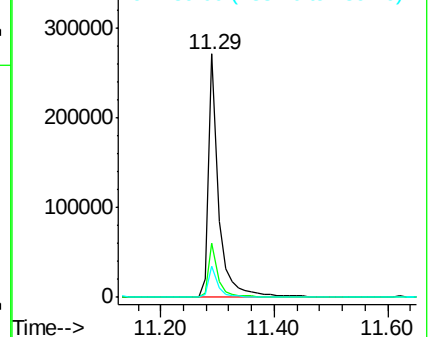
139 13.0 11.2 16.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 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

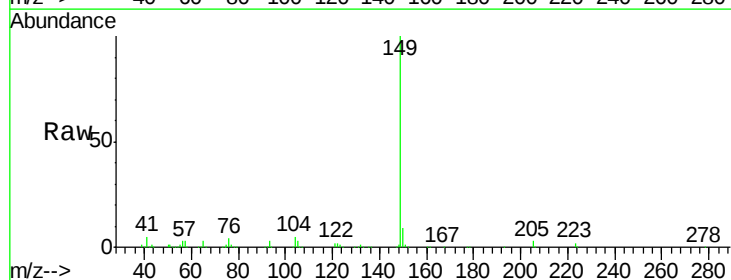
Tgt Ion:149 Resp: 378036

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

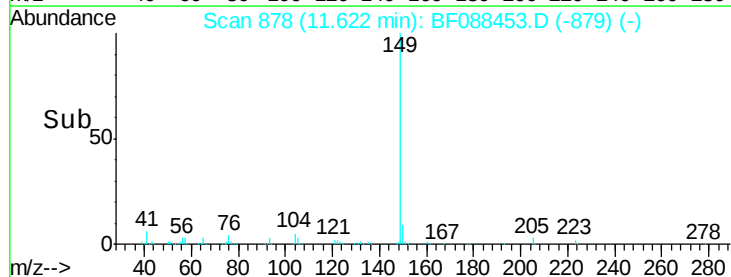
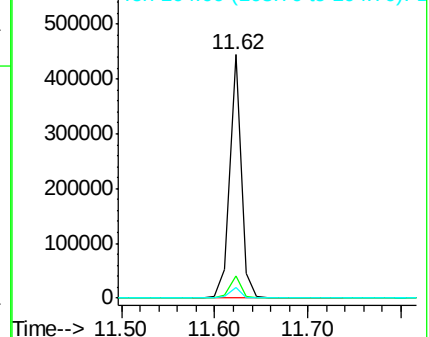
104 4.6 4.0 6.0

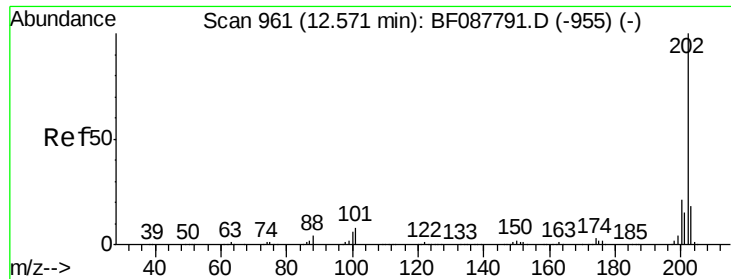


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

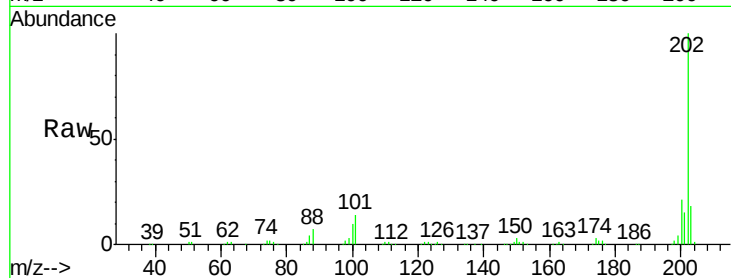




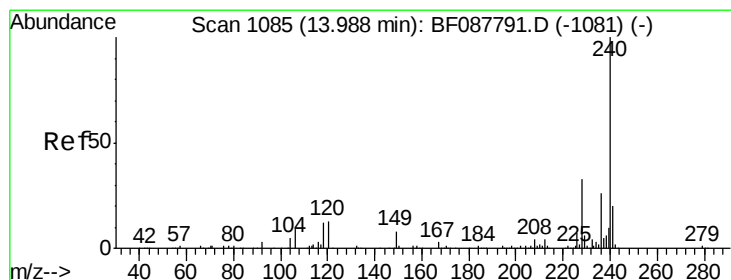
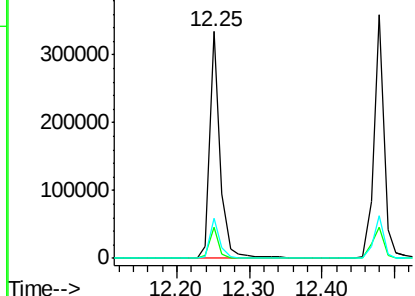
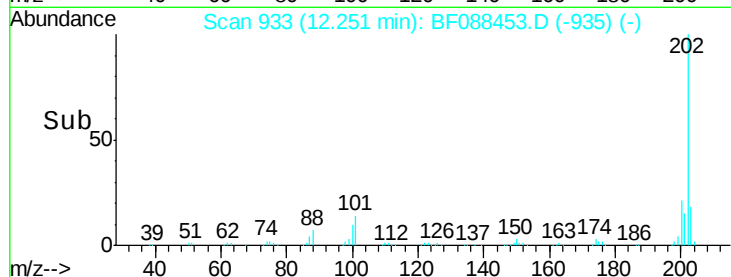
#74
 Fluoranthene
 Concen: 22.64 ng
 RT: 12.25 min Scan# 933
 Delta R.T. -0.32 min
 Lab File: BF088453.D
 Acq: 27 Jun 2016 13:49

Instrument :
 BNA_F
 ClientSampleId :
 PB91593BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.0	0.0	33.1
203	18.0	0.0	38.1

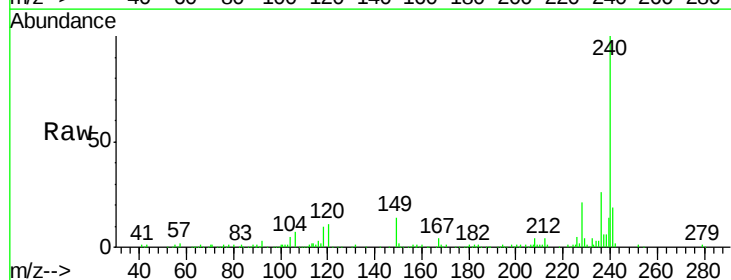


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

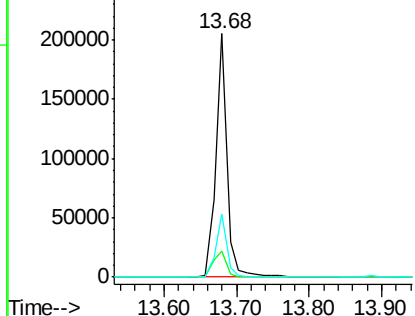
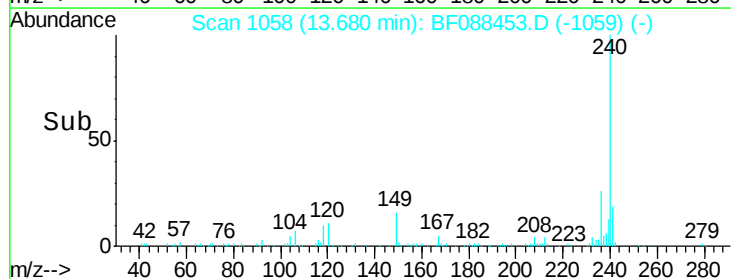


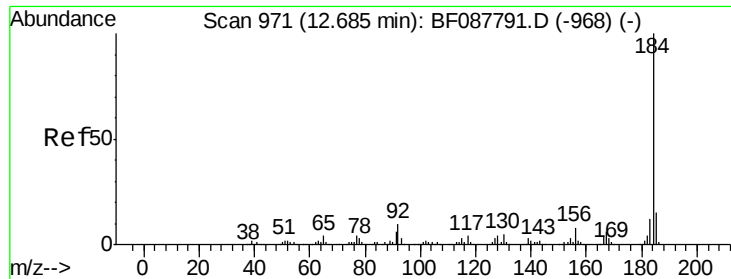
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.68 min Scan# 1058
 Delta R.T. -0.31 min
 Lab File: BF088453.D
 Acq: 27 Jun 2016 13:49

Tgt Ion	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

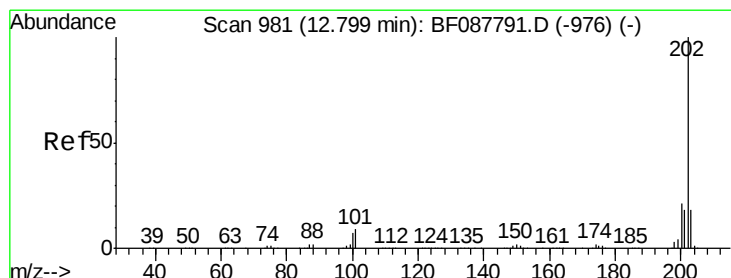
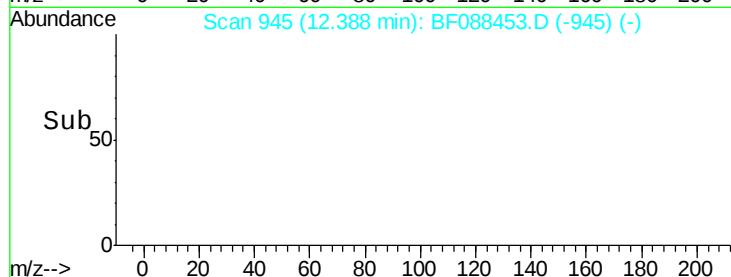
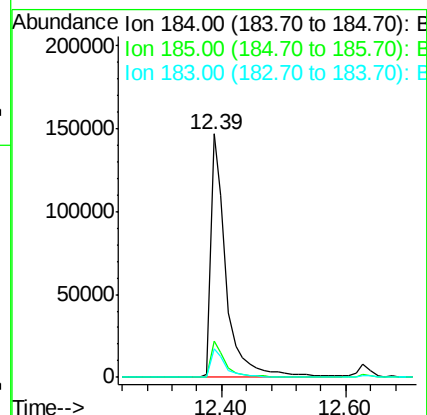
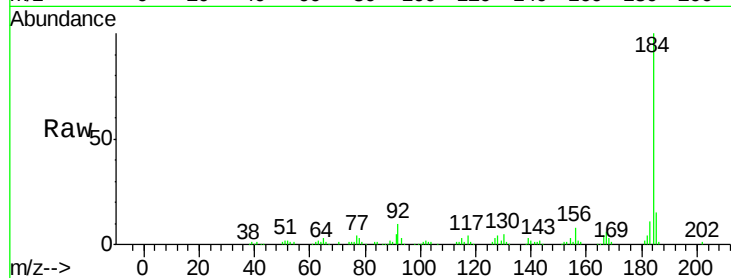




#76
Benzidine
Concen: 41.07 ng
RT: 12.39 min Scan# 945
Delta R.T. -0.30 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

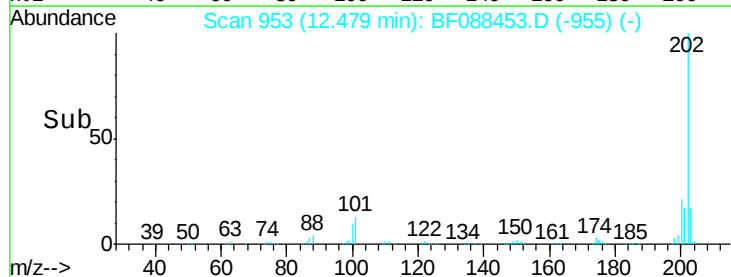
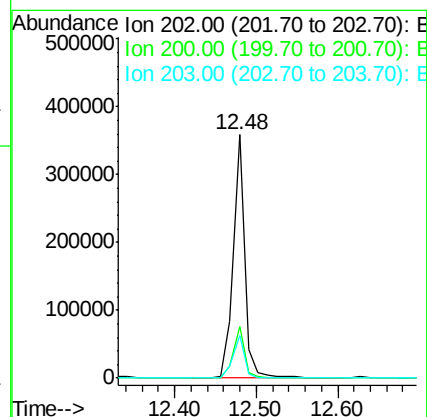
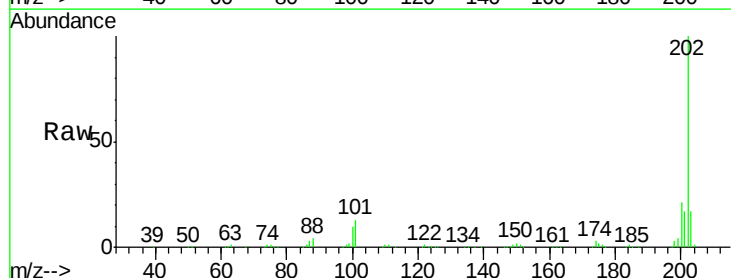
Instrument :
BNA_F
ClientSampleId :
PB91593BS

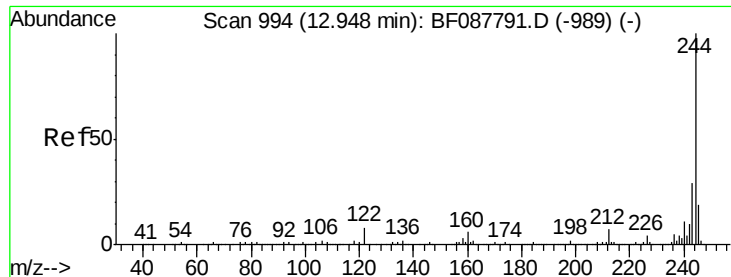
Tot Ion:184 Resp: 250278
Ion Ratio Lower Upper
184 100
185 14.6 12.5 18.7
183 11.5 9.3 13.9



#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

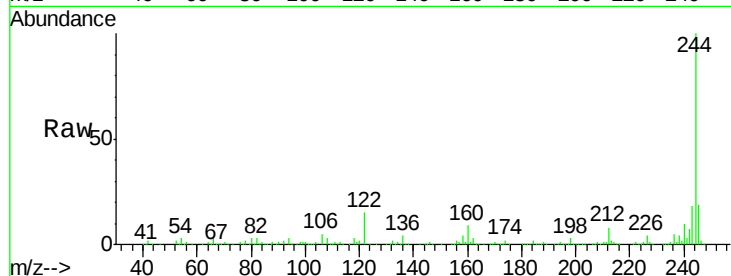




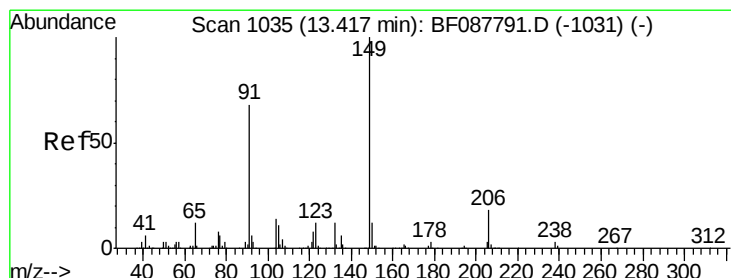
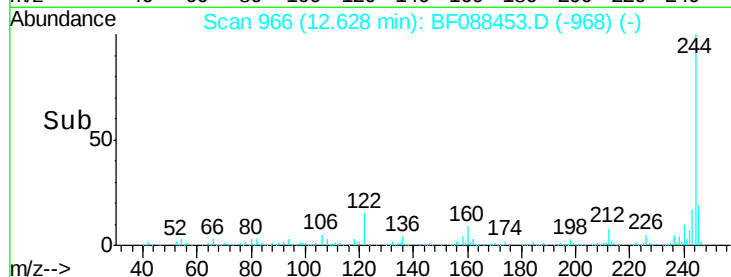
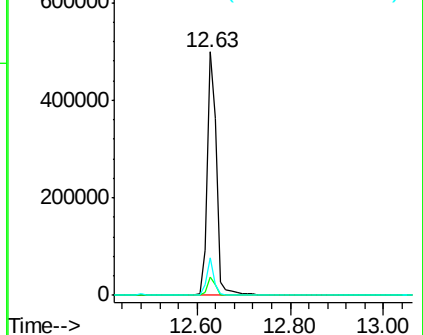
#78
 Terphenyl-d14
 Concen: 73.47 ng
 RT: 12.63 min Scan# 966
 Delta R.T. -0.32 min
 Lab File: BF088453.D
 Acq: 27 Jun 2016 13:49

Instrument :
 BNA_F
 ClientSampleId :
 PB91593BS

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

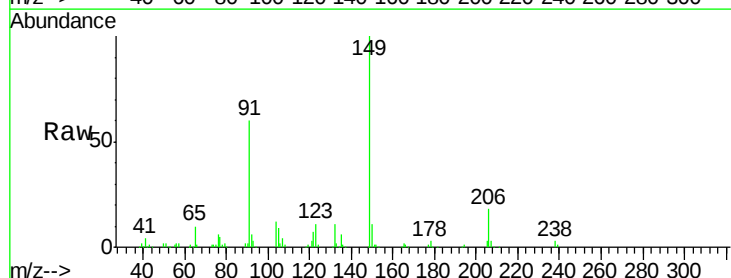


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

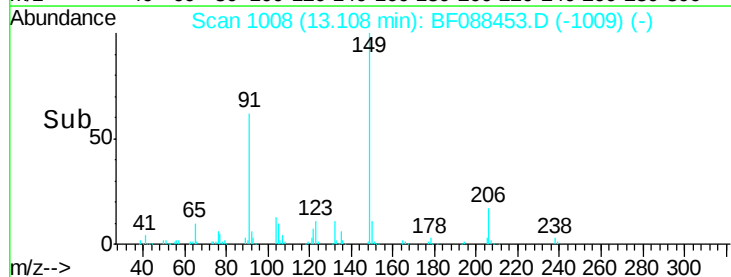
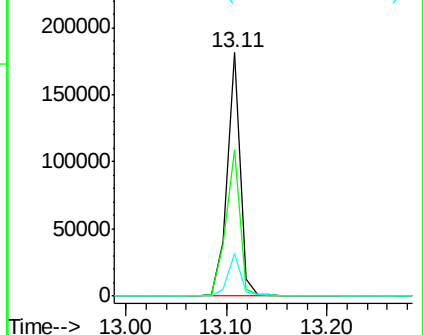


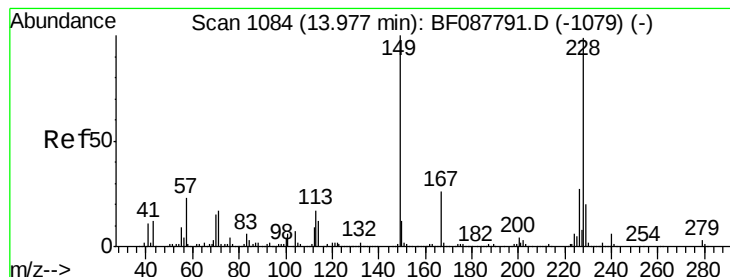
#79
 Butylbenzylphthalate
 Concen: 22.74 ng
 RT: 13.11 min Scan# 1008
 Delta R.T. -0.31 min
 Lab File: BF088453.D
 Acq: 27 Jun 2016 13:49

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 :

PB91593BS

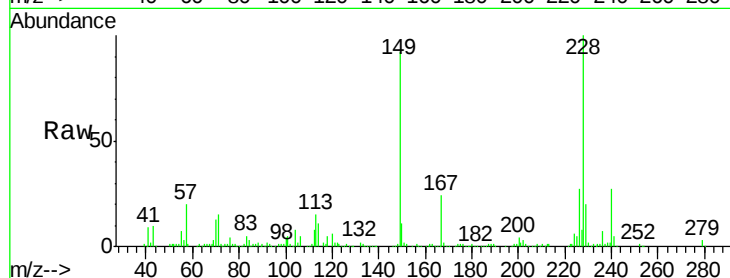
Tot Ion:228 Resp: 261648

Ion Ratio Lower Upper

228 100

226 26.8 22.3 33.5

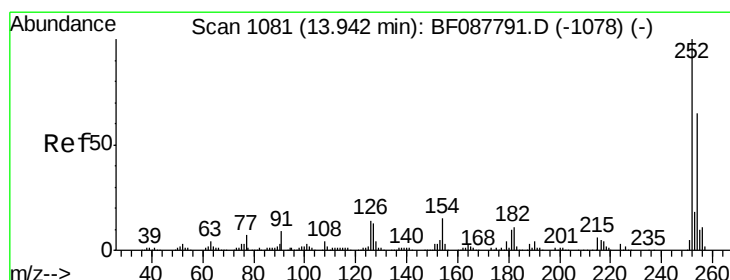
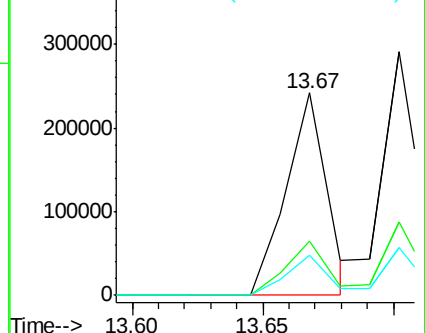
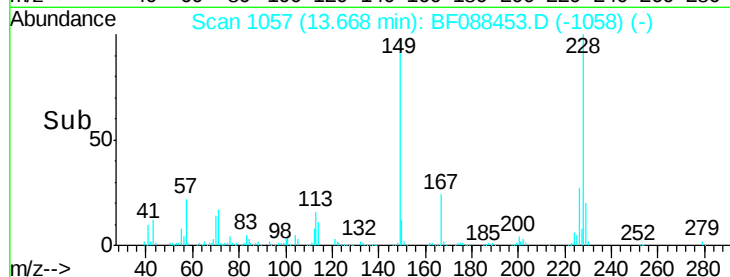
229 19.5 16.0 24.0



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

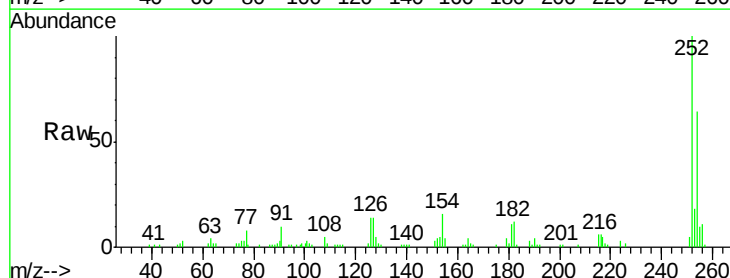
Tgt Ion:252 Resp: 51057

Ion Ratio Lower Upper

252 100

254 64.1 52.6 78.8

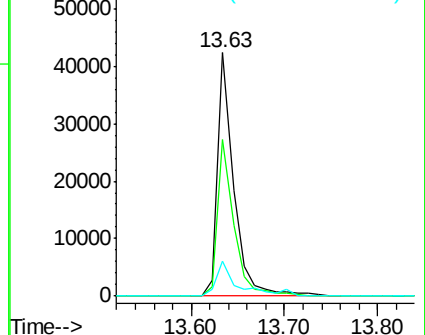
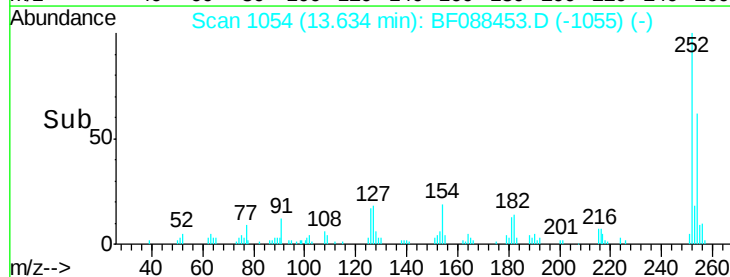
126 14.2 6.2 9.2#

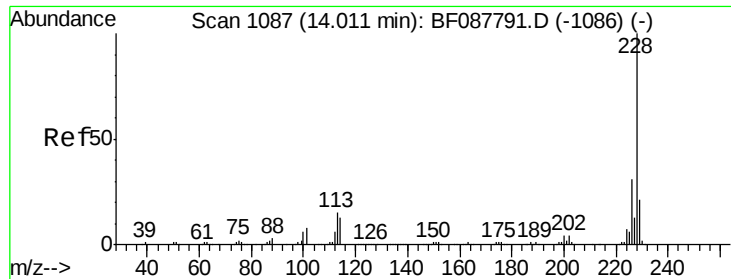


Abundance Ion 252.00 (251.70 to 252.70): E

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 :

PB91593BS

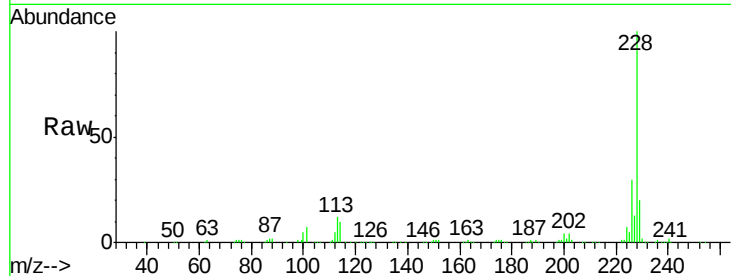
Tot Ion:228 Resp: 302953

Ion Ratio Lower Upper

228 100

226 30.0 25.4 38.2

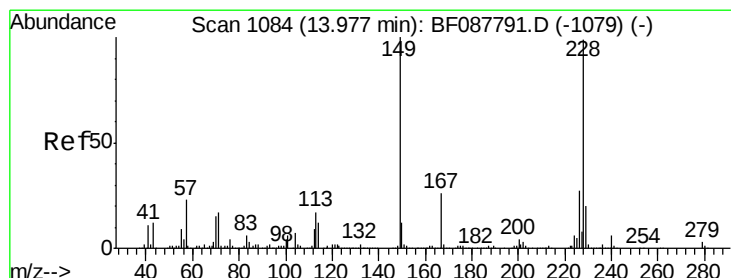
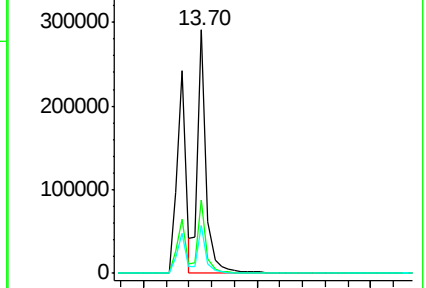
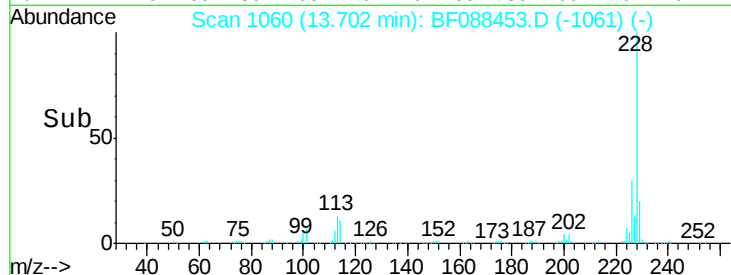
229 19.8 16.3 24.5



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

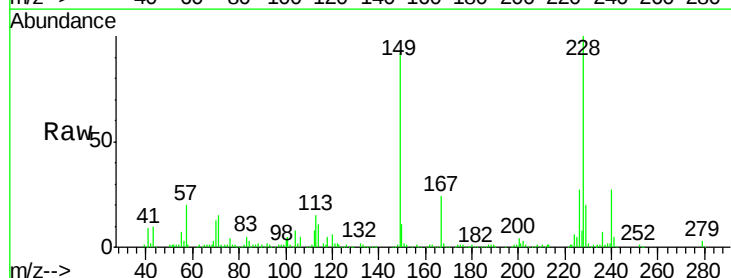
Tgt Ion:149 Resp: 201038

Ion Ratio Lower Upper

149 100

167 25.8 20.5 30.7

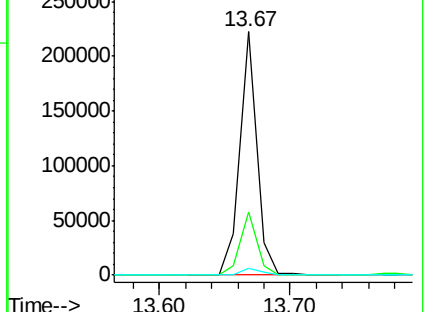
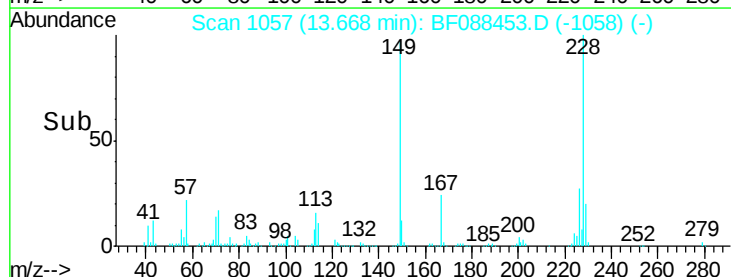
279 2.8 2.0 3.0

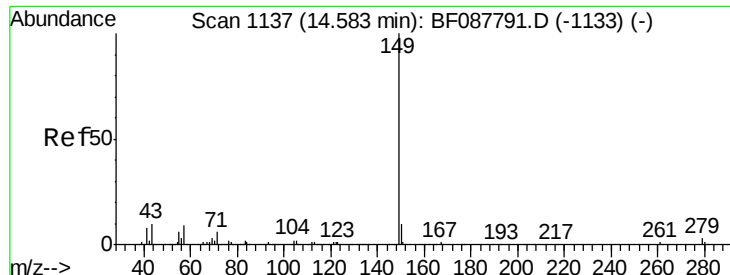


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

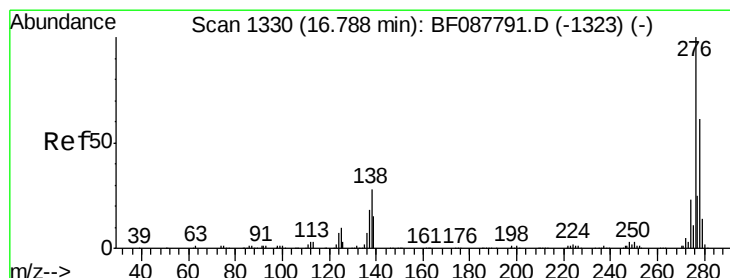
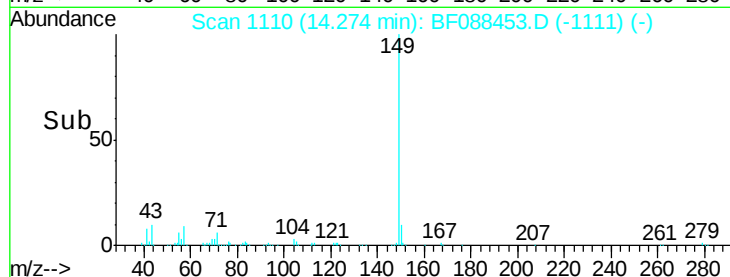
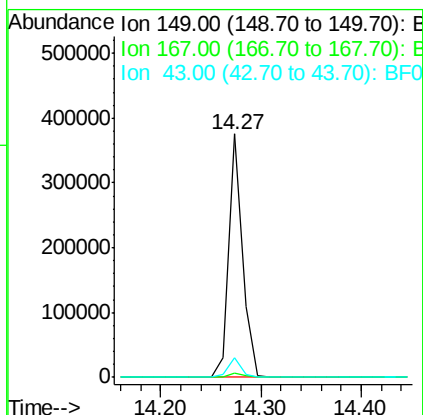
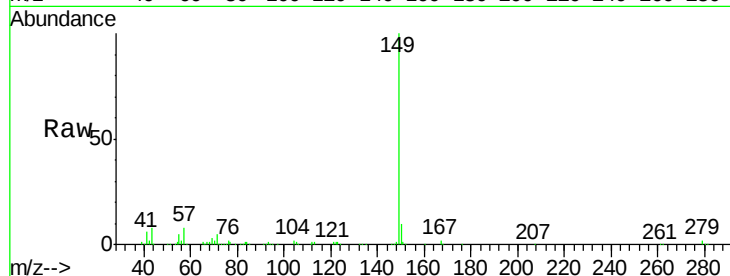




#84
Di-n-octyl phthalate
Concen: 25.07 ng
RT: 14.27 min Scan# 1110
Delta R.T. -0.31 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

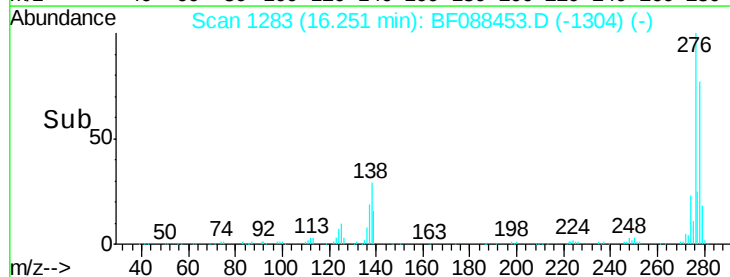
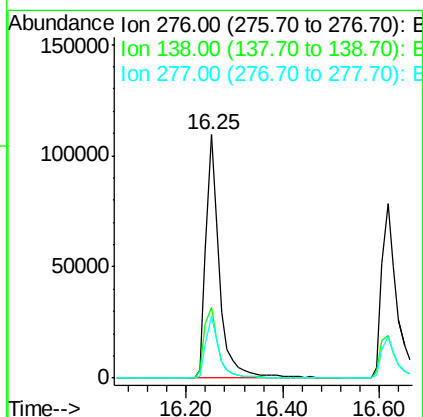
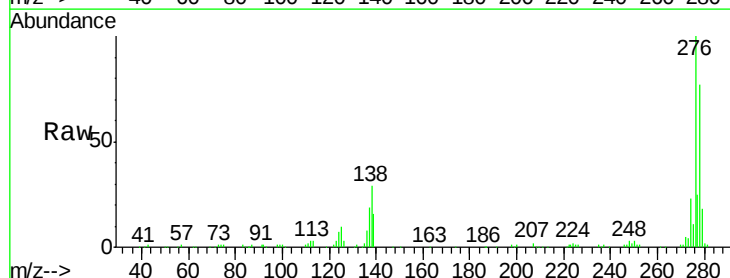
Instrument :
BNA_F
ClientSampleId :
PB91593BS

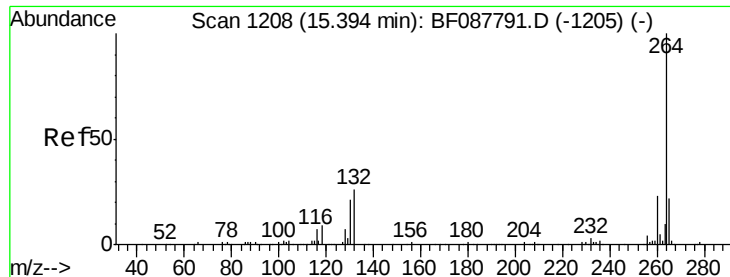
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	0.0	0.0#
43	7.6	0.0	0.0#



#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#

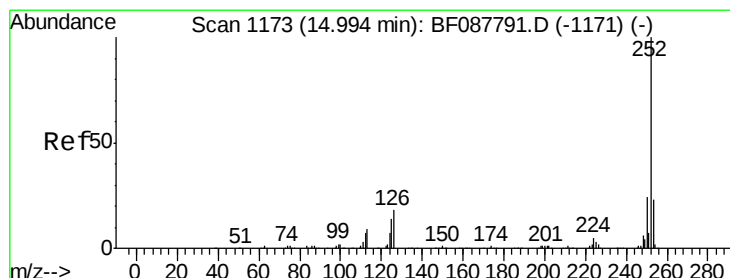
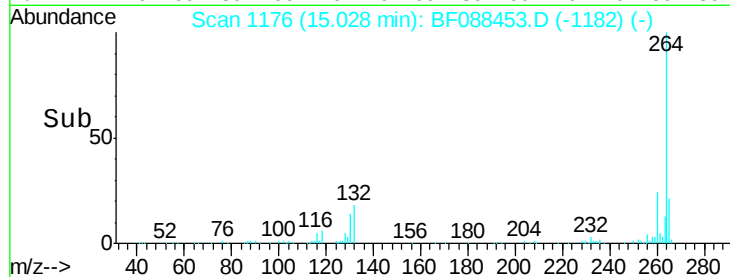
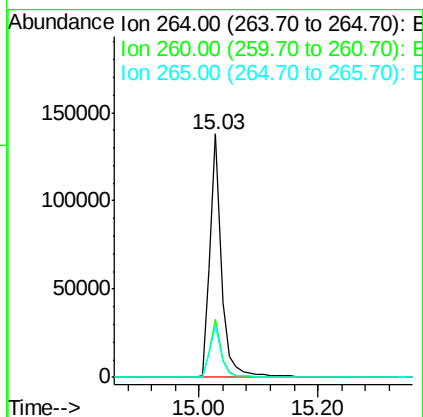
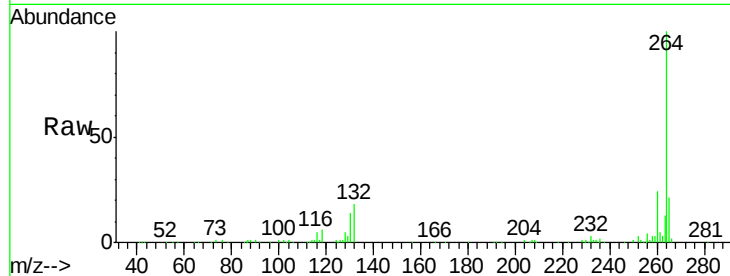




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.03 min Scan# 1176
Delta R.T. -0.37 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

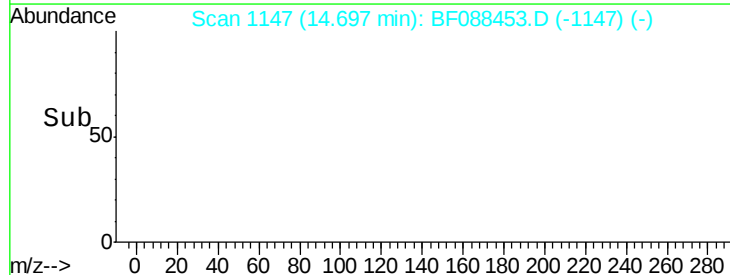
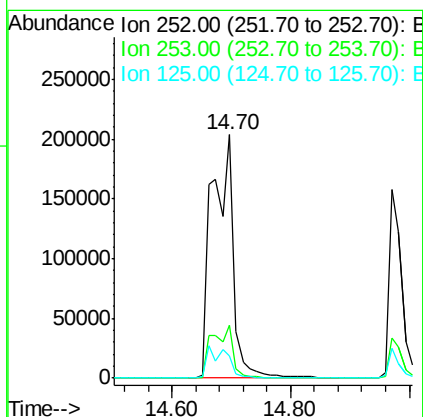
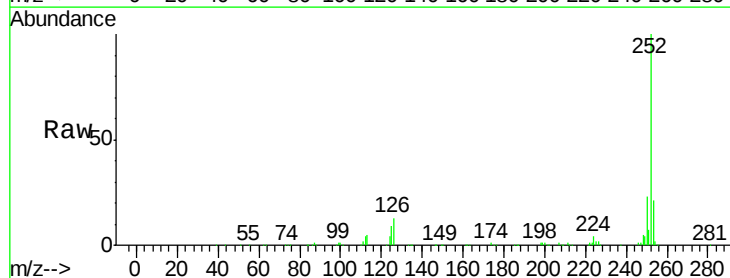
Instrument :
BNA_F
ClientSampleId :
PB91593BS

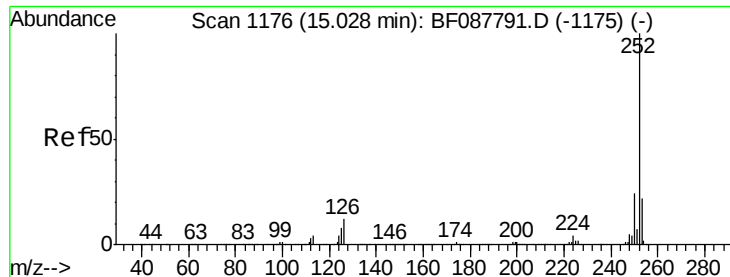
Tot Ion:264 Resp: 187883
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 21.3 16.9 25.3



#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

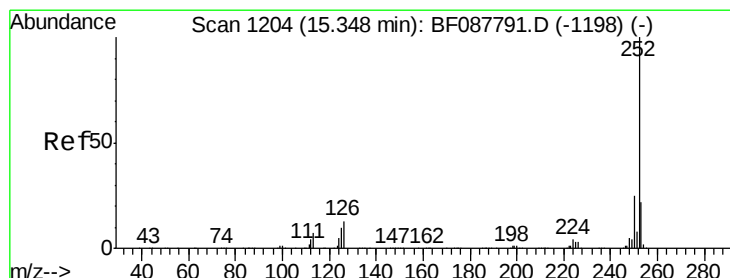
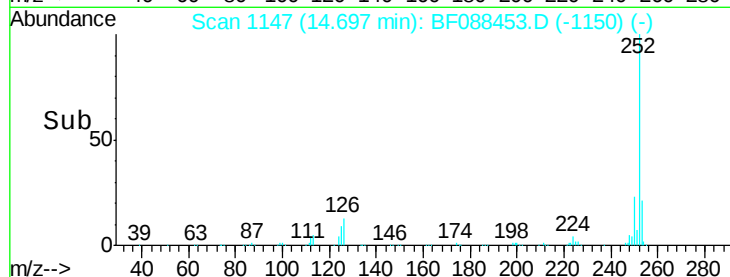
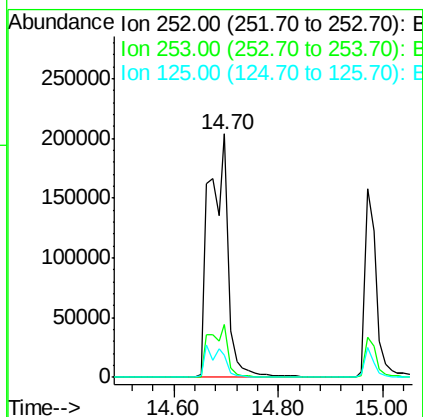
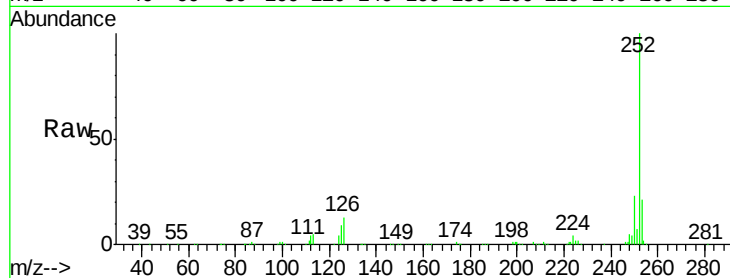




#88
Benzo(k)fluoranthene
Concen: 52.50 ng
RT: 14.70 min Scan# 1147
Delta R.T. -0.33 min
Lab File: BF088453.D
Acq: 27 Jun 2016 13:49

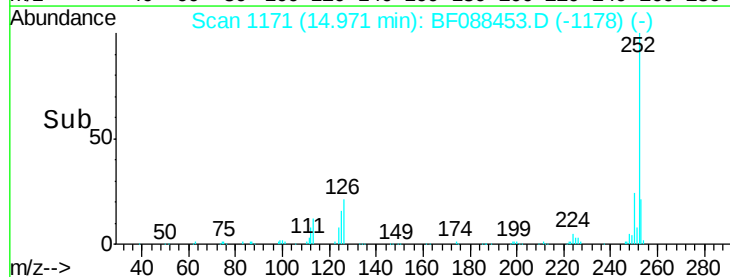
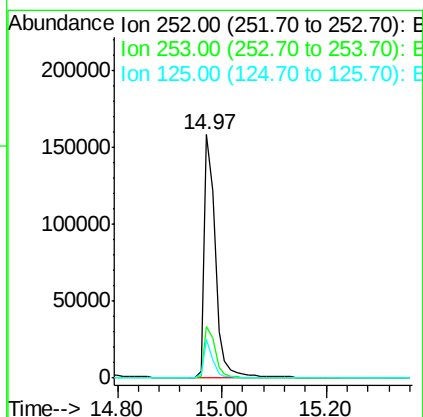
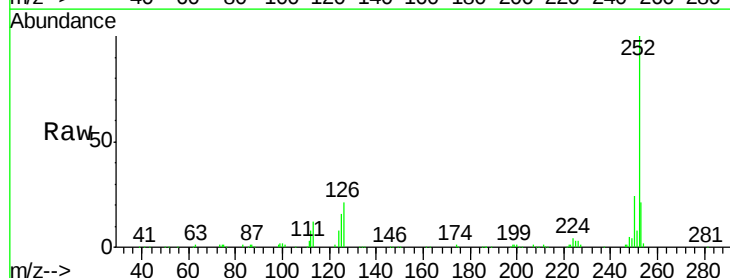
Instrument :
BNA_F
ClientSampled :
PB91593BS

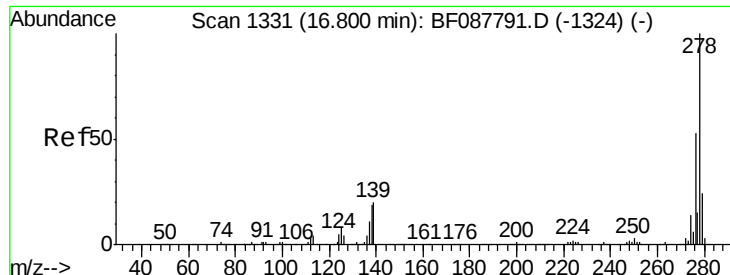
Tot Ion:252 Resp: 518617
Ion Ratio Lower Upper
252 100
253 21.5 18.0 27.0
125 8.9 11.2 16.8#



#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 :

PB91593BS

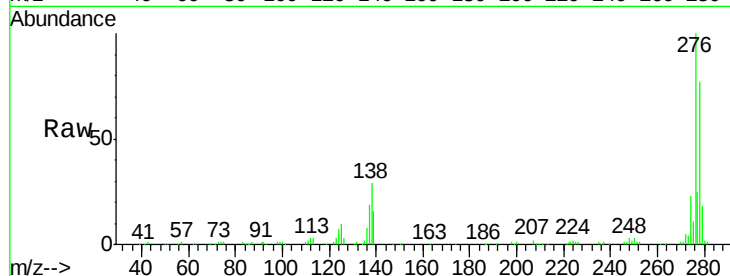
Tot Ion:278 Resp: 178133

Ion Ratio Lower Upper

278 100

139 20.2 15.7 23.5

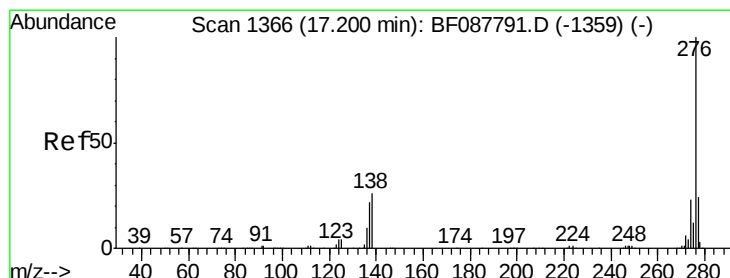
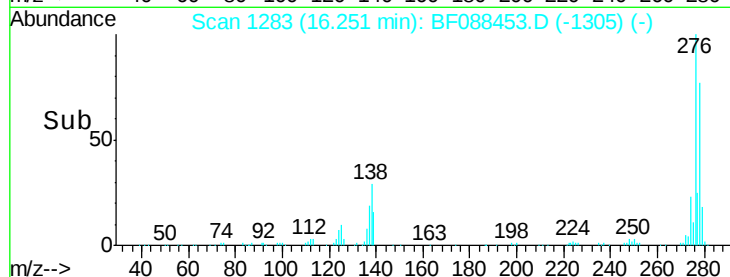
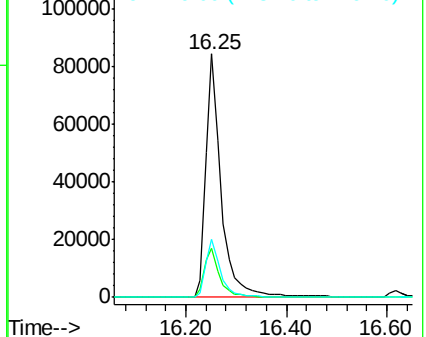
279 23.6 19.4 29.2



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

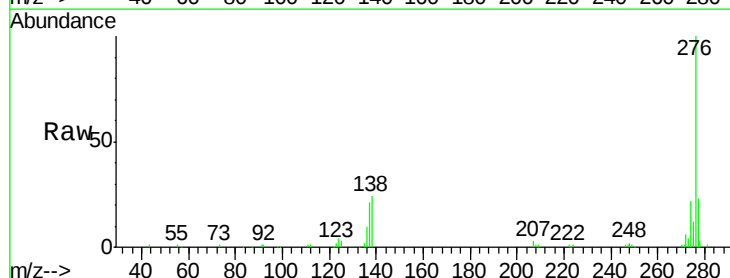
Tgt Ion:276 Resp: 177838

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

