

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
 Data File : BF088440.D
 Acq On : 27 Jun 2016 6:30
 Operator : UM/SJ
 Sample : PB91573BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91573BS

Quant Time: Jun 27 08:15:11 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	6.71	152	249424	20.00	ng	-0.14
21) Naphthalene-d8	7.84	136	300376	20.00	ng	-0.29
38) Acenaphthene-d10	9.58	164	132744	20.00	ng	-0.31
63) Phenanthrene-d10	11.05	188	231521	20.00	ng	-0.31
75) Chrysene-d12	13.68	240	140922	20.00	ng	-0.31
86) Perylene-d12	15.03	264	132979	20.00	ng	-0.37

System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	495709	33.98	ng	-0.29
7) Phenol-d6	6.23	99	600025	33.93	ng	-0.25
23) Nitrobenzene-d5	7.13	82	378773	73.63	ng	-0.29
41) 2,4,6-Tribromophenol	10.38	330	141369	100.86	ng	-0.30
44) 2-Fluorobiphenyl	8.91	172	667270	78.55	ng	-0.30
78) Terphenyl-d14	12.64	244	558716	90.22	ng	-0.31

Target Compounds				Qvalue		
6) Aniline	6.30	93	197154	7.83	ng	# 56
8) 2-Chlorophenol	6.34	128	213318	12.35	ng	87
10) Phenol	6.24	94	262225	12.57	ng	97
11) bis(2-Chloroethyl)ether	6.30	93	197284	12.72	ng	87
12) 1,3-Dichlorobenzene	6.72	146	207284	11.19	ng	96
13) 1,4-Dichlorobenzene	6.72	146	212535	11.39	ng	99
14) 1,2-Dichlorobenzene	6.72	146	212537	12.52	ng	96
15) Benzyl Alcohol	6.72	79	145614	10.53	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.84	45	195564	9.34	ng	# 1
17) 2-Methylphenol	7.00	107	209313	14.95	ng	# 77
19) n-Nitroso-di-n-propylamine	6.98	70	130962	11.58	ng	90
20) 3+4-Methylphenols	7.00	107	210120	12.86	ng	# 78
22) Acetophenone	6.97	105	280445	41.78	ng	# 96
24) Nitrobenzene	7.14	77	183978	36.92	ng	87
25) Isophorone	7.39	82	361940	37.99	ng	94
26) 2-Nitrophenol	7.46	139	111087	41.62	ng	90
27) 2,4-Dimethylphenol	7.52	122	176322	35.88	ng	91
28) bis(2-Chloroethoxy)methane	7.61	93	242562	41.05	ng	98
29) 2,4-Dichlorophenol	7.71	162	172386	42.01	ng	97
30) 1,2,4-Trichlorobenzene	7.78	180	174103	38.97	ng	99
31) Naphthalene	7.86	128	620827	41.77	ng	98
32) Benzoic acid	7.70	122	91358	33.76	ng	95
33) 4-Chloroaniline	7.93	127	73827	11.12	ng	95
34) Hexachlorobutadiene	7.98	225	95322	40.45	ng	98
35) Caprolactam	8.31	113	35402	26.05	ng	# 81
36) 4-Chloro-3-methylphenol	8.43	107	173584	39.56	ng	97
37) 2-Methylnaphthalene	8.65	142	372459	38.02	ng	94
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	169875	51.82	ng	# 1
40) Hexachlorocyclopentadiene	8.70	237	17395	8.12	ng	99
42) 2,4,6-Trichlorophenol	8.84	196	105204	39.63	ng	99
43) 2,4,5-Trichlorophenol	8.89	196	96233	34.84	ng	# 75
45) 1,1'-Biphenyl	9.02	154	485505	49.32	ng	96
46) 2-Chloronaphthalene	9.04	162	370817	43.17	ng	94
47) 2-Nitroaniline	9.15	65	101489	40.05	ng	# 66

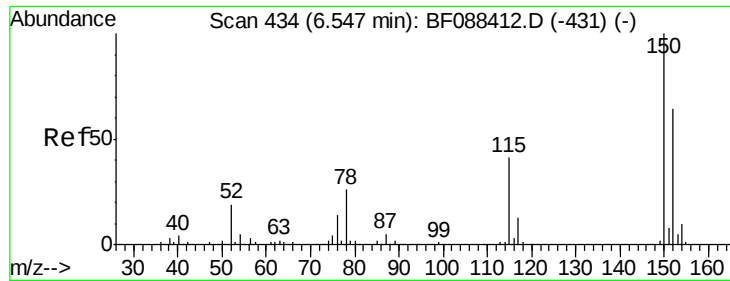
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) Acenaphthylene	9.44	152	545977	39.96	nq	99
49) Dimethylphthalate	9.32	163	412201	42.87	nq	99
50) 2,6-Dinitrotoluene	9.39	165	96524	43.83	nq	# 80
51) Acenaphthene	9.61	154	314921	36.95	nq	98
52) 3-Nitroaniline	9.56	138	45166	17.77	nq	83
53) 2,4-Dinitrophenol	9.69	184	34744	34.72	nq	# 85
54) Dibenzofuran	9.79	168	471378	40.16	nq	95
55) 4-Nitrophenol	9.78	139	280817	142.38	nq	# 16
56) 2,4-Dinitrotoluene	9.80	165	116457	41.15	nq	98
57) Fluorene	10.12	166	335802	42.01	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.87	232	67507	31.10	nq	# 59
59) Diethylphthalate	10.02	149	420607	43.21	nq	99
60) 4-Chlorophenyl-phenylether	10.12	204	161536	41.38	nq	99
61) 4-Nitroaniline	10.18	138	76936	31.92	nq	94
62) Azobenzene	10.28	77	406359	42.22	nq	94
64) 4,6-Dinitro-2-methylphenol	10.22	198	36827	26.49	nq	# 67
65) n-Nitrosodiphenylamine	10.25	169	345796	45.01	nq	100
66) 4-Bromophenyl-phenylether	10.60	248	97662	39.32	nq	# 74
67) Hexachlorobenzene	10.67	284	103249	40.01	nq	93
68) Atrazine	10.79	200	107985	46.42	nq	95
69) Pentachlorophenol	10.88	266	75100	55.21	nq	97
70) Phenanthrene	11.08	178	511293	42.09	nq	98
71) Anthracene	11.13	178	505114	41.22	nq	99
72) Carbazole	11.30	167	506136	44.14	nq	98
73) Di-n-butylphthalate	11.63	149	657555	45.30	nq	98
74) Fluoranthene	12.26	202	479472	37.40	nq	97
76) Benzidine	12.40	184	221372	56.73	nq	98
77) Pvrene	12.49	202	449417	42.98	nq	98
79) Butylbenzylphthalate	13.11	149	227739	49.26	nq	# 78
80) Benzo(a)anthracene	13.67	228	339322	42.25	nq	99
81) 3,3'-Dichlorobenzidine	13.65	252	99176	45.92	nq	98
82) Chrysene	13.71	228	377272	49.94	nq	97
83) Bis(2-ethylhexyl)phthalate	13.68	149	298624	53.06	nq	# 96
84) Di-n-octyl phthalate	14.29	149	536714	58.69	nq	# 100
85) Indeno(1,2,3-cd)pvrene	16.26	276	292105	41.61	nq	# 100
87) Benzo(b)fluoranthene	14.70	252	679976	73.36	nq	# 96
88) Benzo(k)fluoranthene	14.70	252	681121	97.42	nq	98
89) Benzo(a)pyrene	14.98	252	322147	42.96	nq	# 95
90) Dibenzo(a,h)anthracene	16.26	278	252511	36.26	nq	97
91) Benzo(g,h,i)perylene	16.62	276	239420	33.42	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 448

Delta R.T. -0.14 min

Lab File: BF088440.D

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PB91573BS

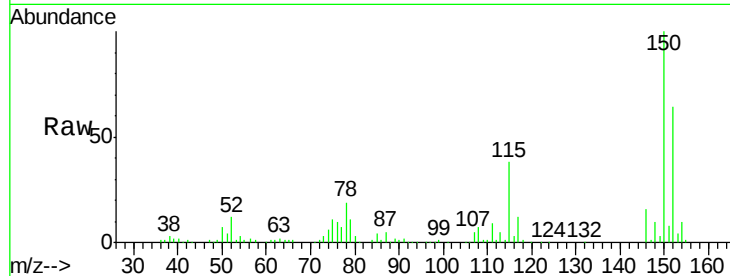
Tot Ion:152 Resp: 249424

Ion Ratio Lower Upper

152 100

150 155.9 123.8 185.6

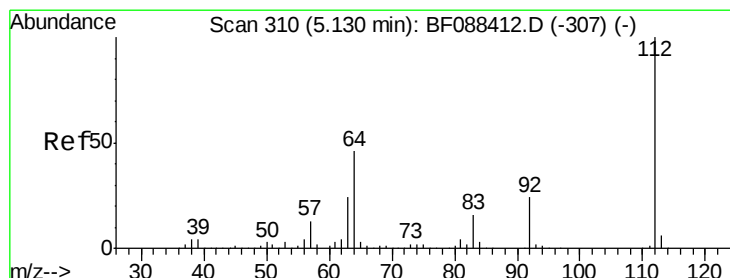
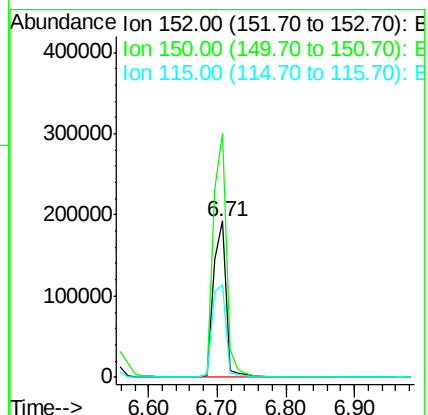
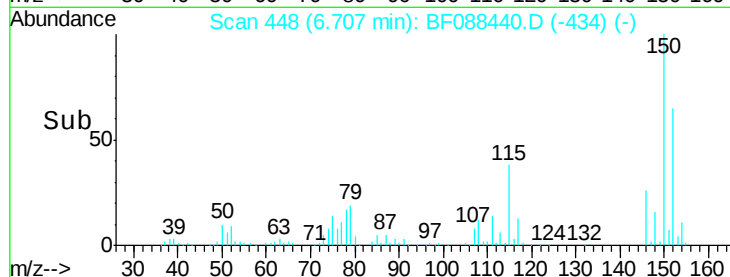
115 59.2 39.6 59.4



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



#5

2-Fluorophenol

Concen: 33.98 ng

RT: 5.14 min Scan# 311

Delta R.T. -0.29 min

Lab File: BF088440.D

Acq: 27 Jun 2016 6:30

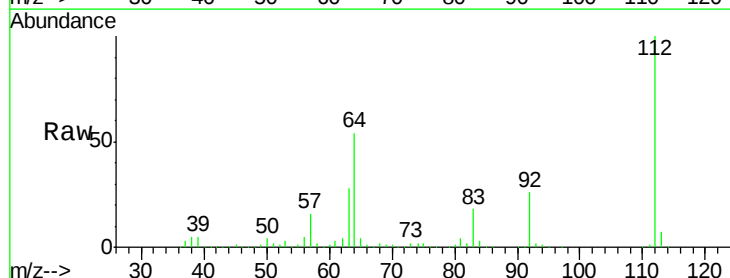
Tgt Ion:112 Resp: 495709

Ion Ratio Lower Upper

112 100

64 54.4 42.2 63.2

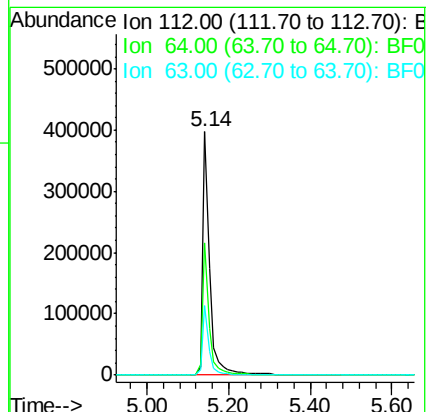
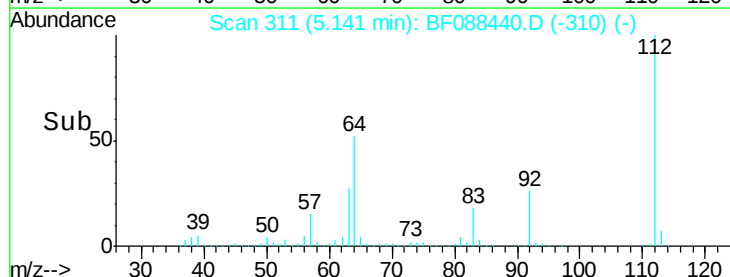
63 28.4 21.8 32.8

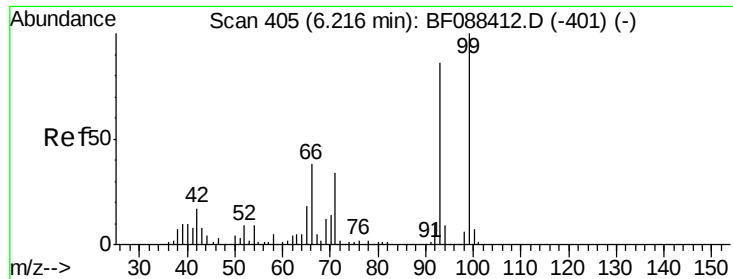


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 7.83 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.21 min

Lab File: BF088440.D

Acq: 27 Jun 2016 6:30

Instrument :

BNA_F

ClientSampleId :

PB91573BS

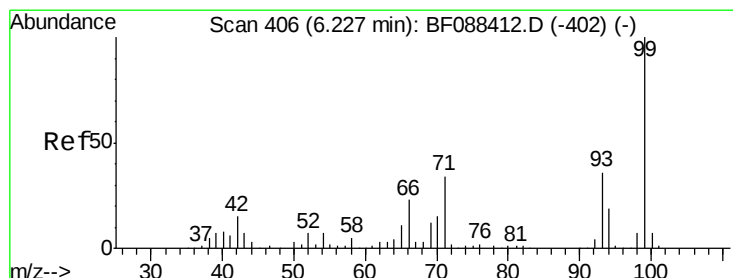
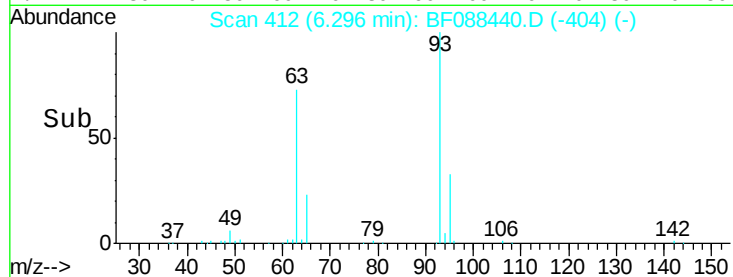
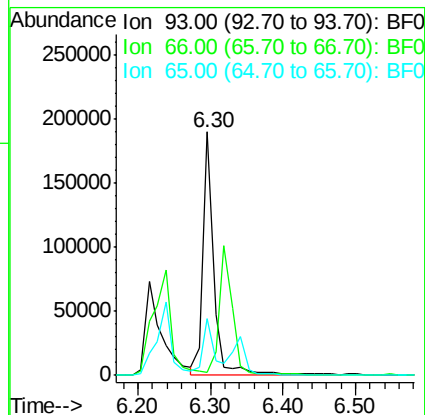
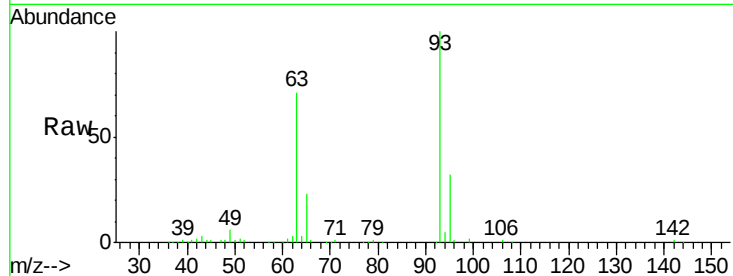
Tot Ion: 93 Resp: 197154

Ion Ratio Lower Upper

93 100

66 1.4 29.8 44.8#

65 23.4 14.9 22.3#



#7

Phenol-d6

Concen: 33.93 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.25 min

Lab File: BF088440.D

Acq: 27 Jun 2016 6:30

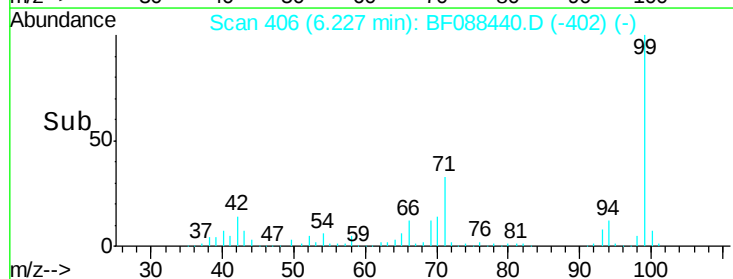
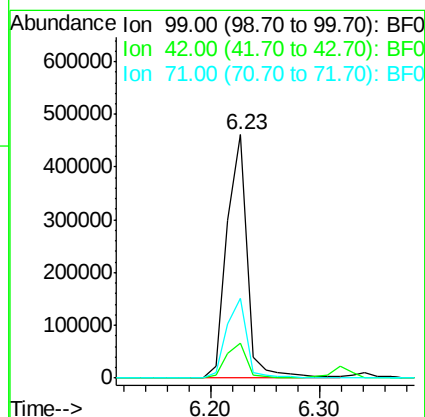
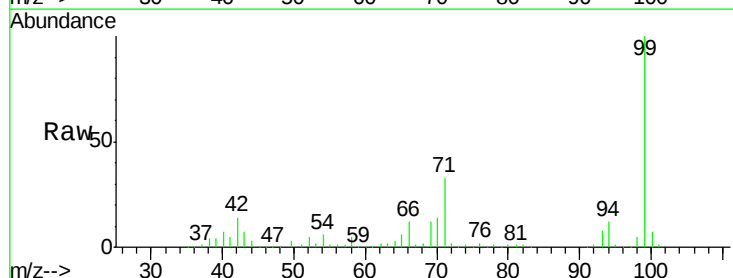
Tgt Ion: 99 Resp: 600025

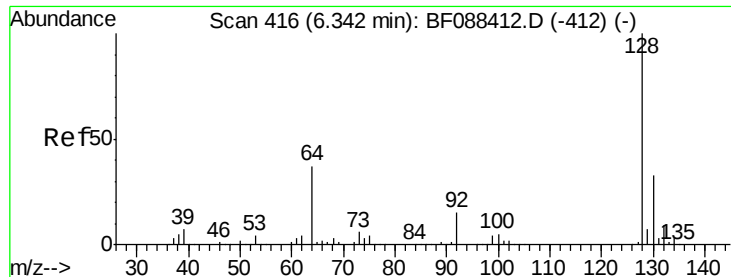
Ion Ratio Lower Upper

99 100

42 14.1 12.2 18.2

71 33.0 23.4 35.0





#8

2-Chlorophenol

Concen: 12.35 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.29 min

Lab File: BF088440.D

Acq: 27 Jun 2016 6:30

Instrument :

BNA_F

ClientSampled :

PB91573BS

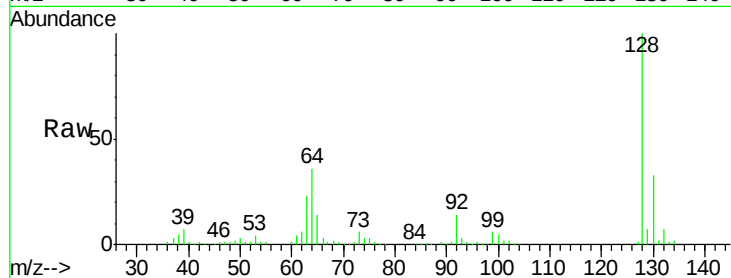
Tot Ion:128 Resp: 213318

Ion Ratio Lower Upper

128 100

130 32.8 12.0 52.0

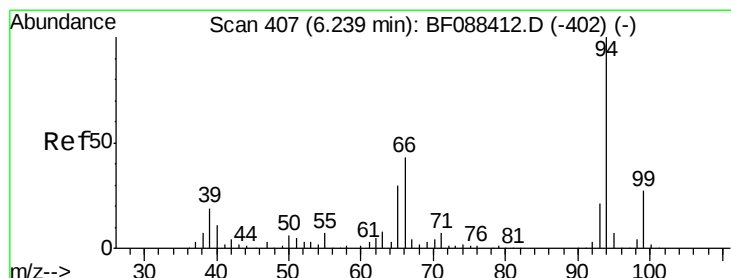
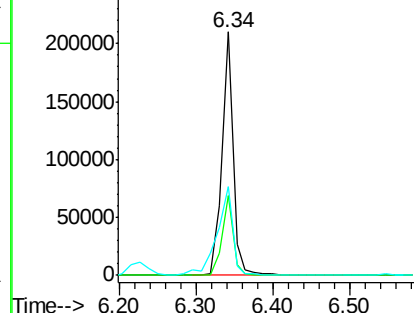
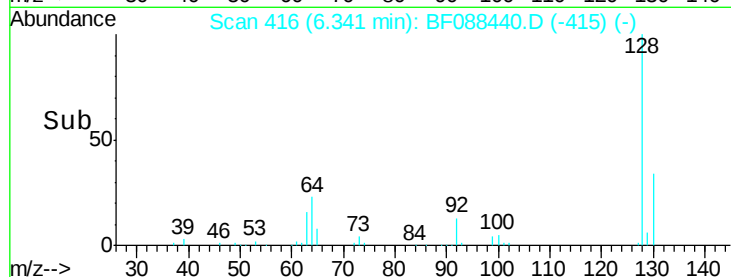
64 36.5 30.8 70.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



#10

Phenol

Concen: 12.57 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.25 min

Lab File: BF088440.D

Acq: 27 Jun 2016 6:30

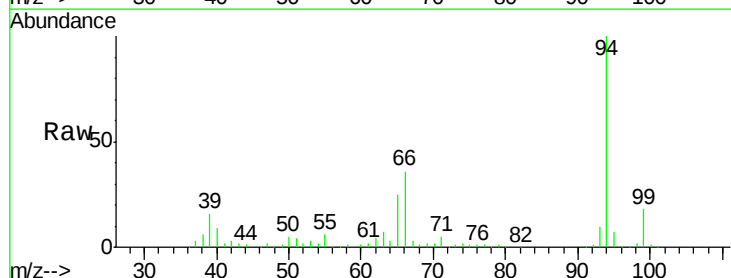
Tgt Ion: 94 Resp: 262225

Ion Ratio Lower Upper

94 100

65 25.3 5.9 45.9

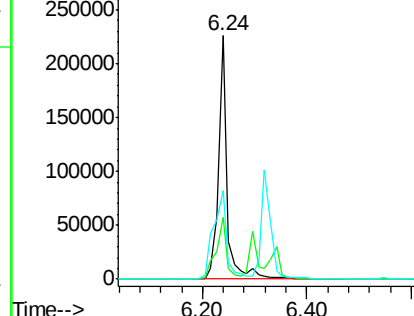
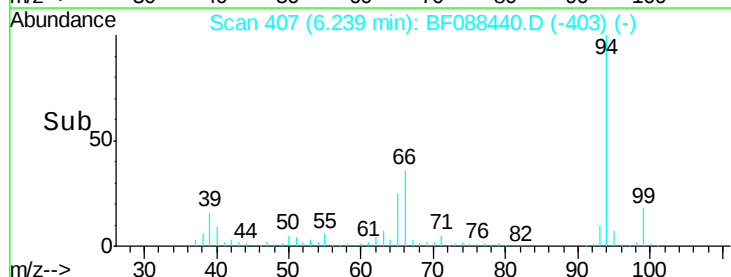
66 36.5 14.0 54.0

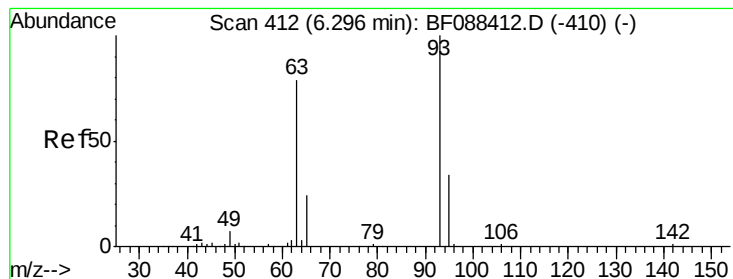


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

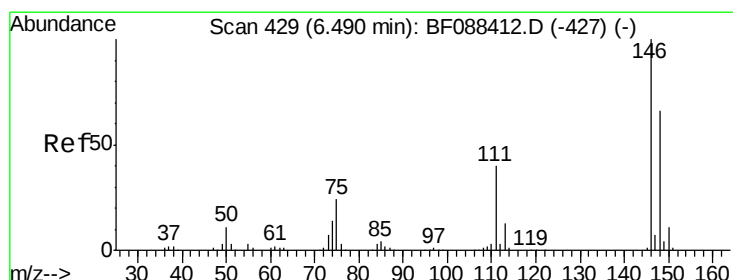
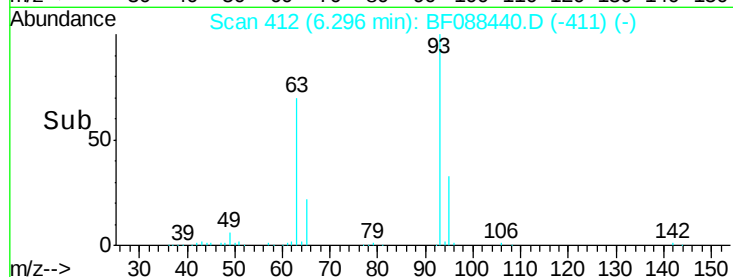
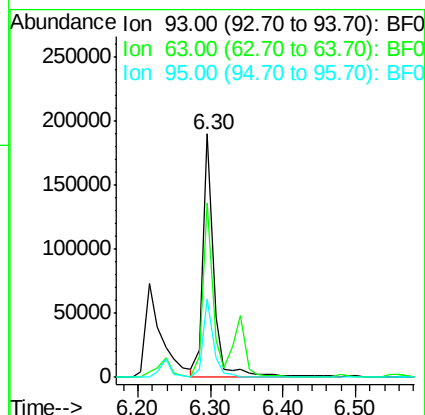
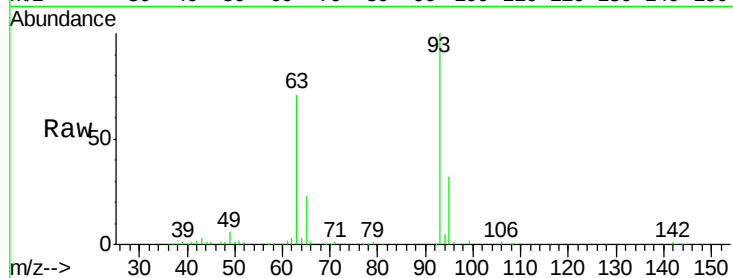




#11
bis(2-Chloroethyl)ether
Concen: 12.72 ng
RT: 6.30 min Scan# 412
Delta R.T. -0.29 min
Lab File: BF088440.D
Acq: 27 Jun 2016 6:30

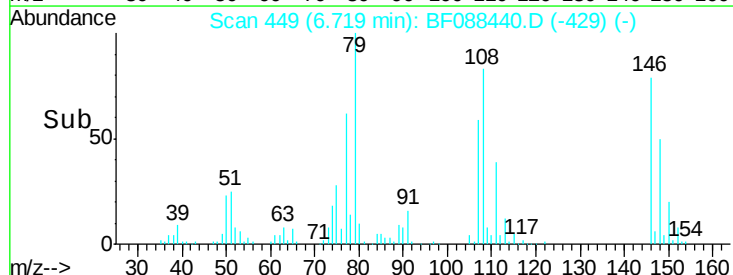
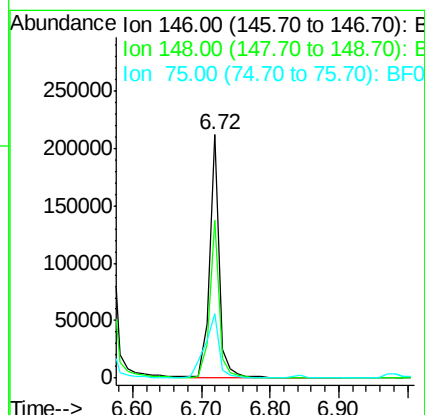
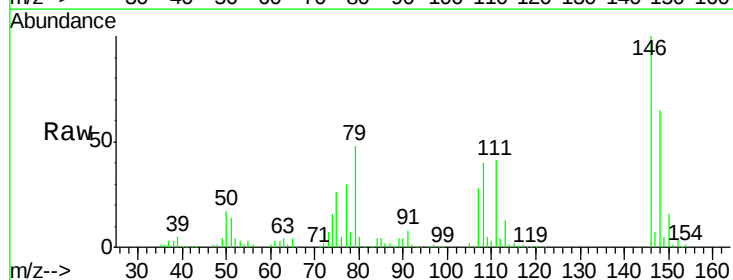
Instrument :
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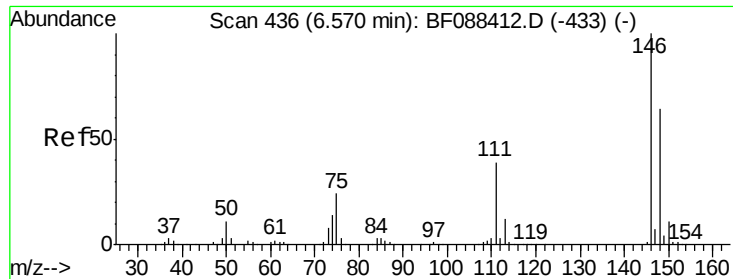
Tot Ion: 93 Resp: 197284
Ion Ratio Lower Upper
93 100
63 71.4 67.6 107.6
95 32.2 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 11.19 ng
RT: 6.72 min Scan# 449
Delta R.T. -0.07 min
Lab File: BF088440.D
Acq: 27 Jun 2016 6:30

Tgt Ion: 146 Resp: 207284
Ion Ratio Lower Upper
146 100
148 64.8 50.9 76.3
75 26.4 25.6 38.4

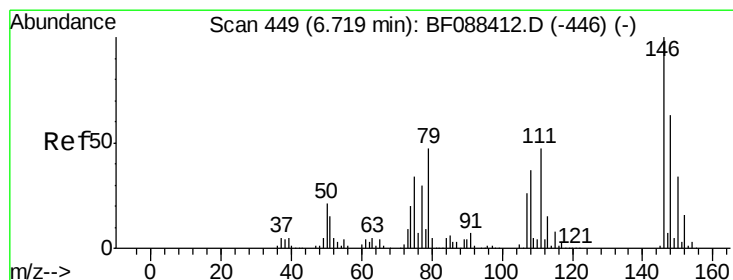
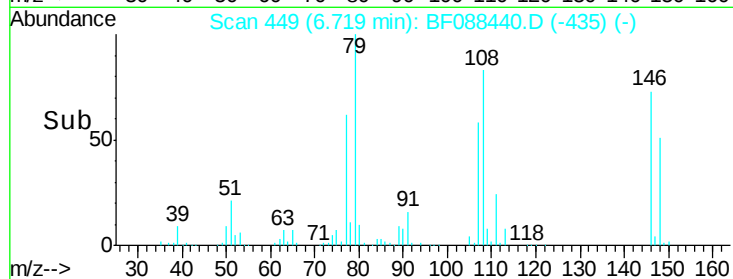
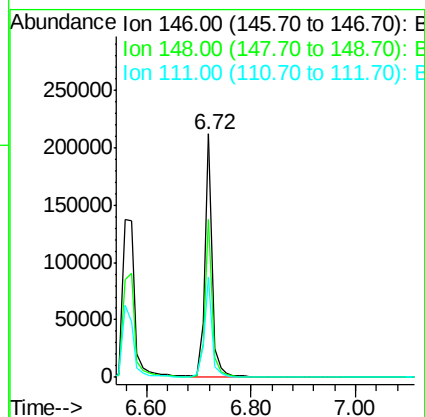
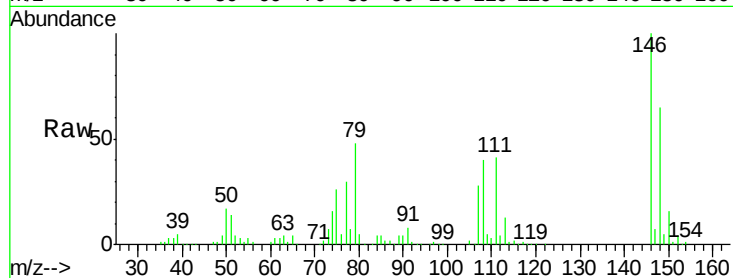




#13
 1,4-Dichlorobenzene
 Concen: 11.39 ng
 RT: 6.72 min Scan# 449
 Delta R.T. -0.14 min
 Lab File: BF088440.D
 Acq: 27 Jun 2016 6:30

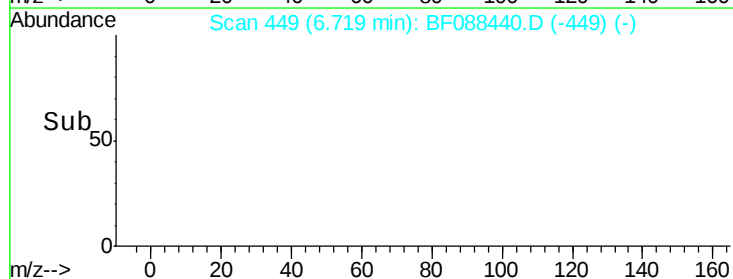
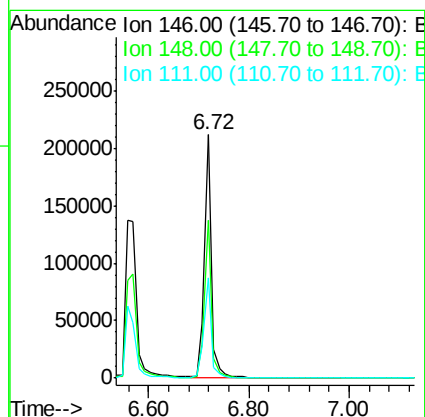
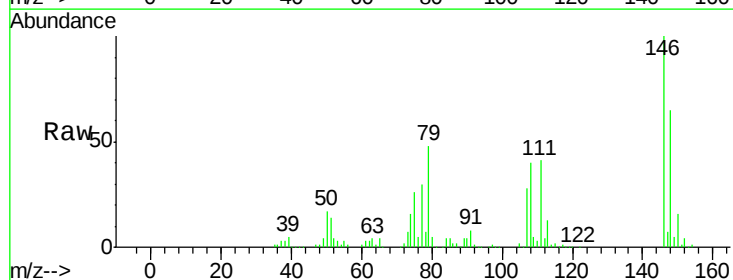
Instrument :
 BNA_F
 ClientSampleId :
 PB91573BS

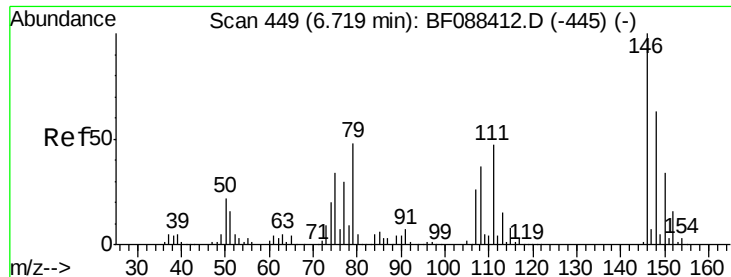
Tot Ion:146 Resp: 212535
 Ion Ratio Lower Upper
 146 100
 148 64.8 52.0 78.0
 111 41.4 33.8 50.8



#14
 1,2-Dichlorobenzene
 Concen: 12.52 ng
 RT: 6.72 min Scan# 449
 Delta R.T. -0.30 min
 Lab File: BF088440.D
 Acq: 27 Jun 2016 6:30

Tgt Ion:146 Resp: 212537
 Ion Ratio Lower Upper
 146 100
 148 64.8 52.3 78.5
 111 41.4 28.7 43.1





#15

Benzyl Alcohol

Concen: 10.53 ng

RT: 6.72 min Scan# 449

Delta R.T. -0.27 min

Lab File: BF088440.D

Acq: 27 Jun 2016 6:30

Instrument :

BNA_F

ClientSampleID :

PB91573BS

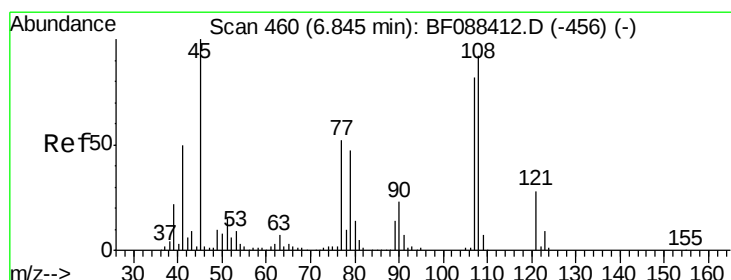
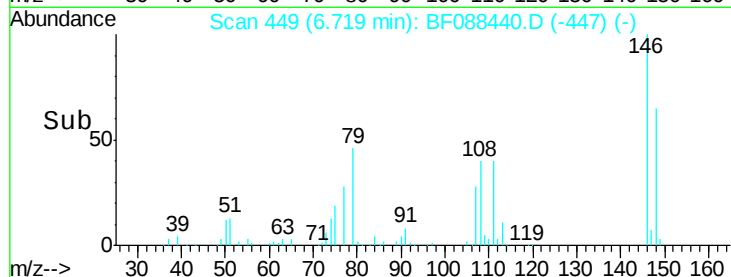
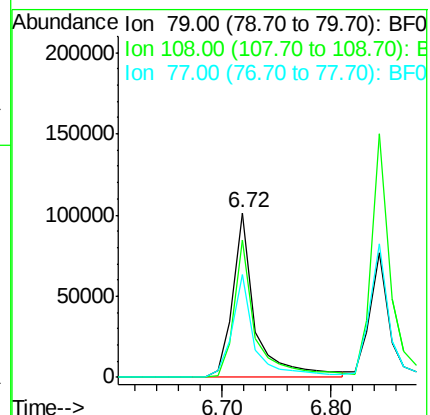
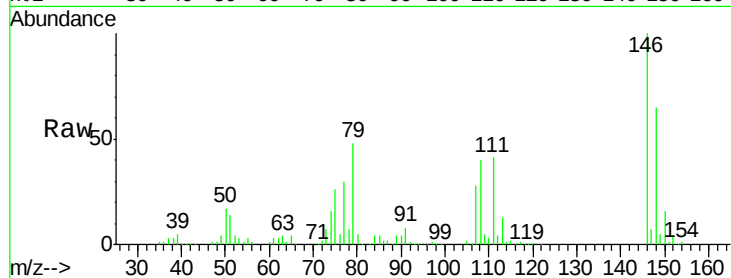
Tot Ion: 79 Resp: 145614

Ion Ratio Lower Upper

79 100

108 83.7 65.0 97.6

77 62.4 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 9.34 ng

RT: 6.84 min Scan# 460

Delta R.T. -0.29 min

Lab File: BF088440.D

Acq: 27 Jun 2016 6:30

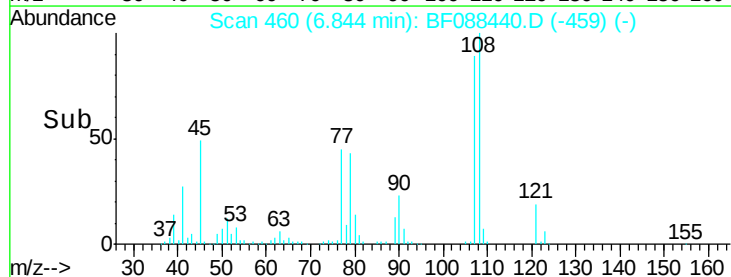
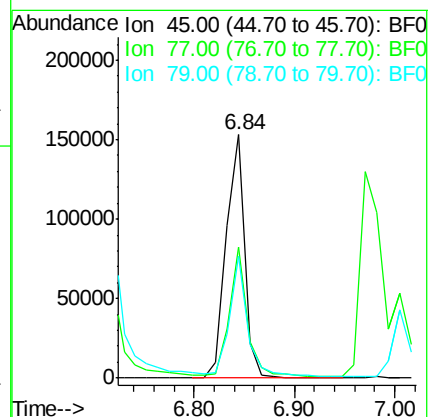
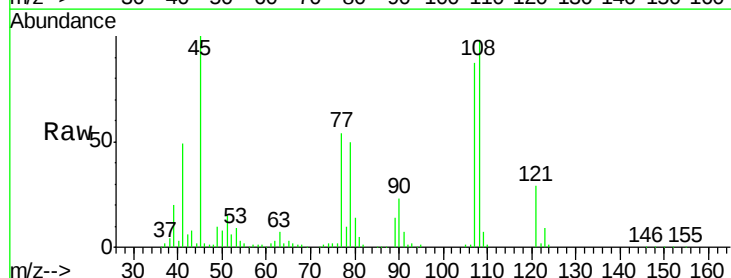
Tgt Ion: 45 Resp: 195564

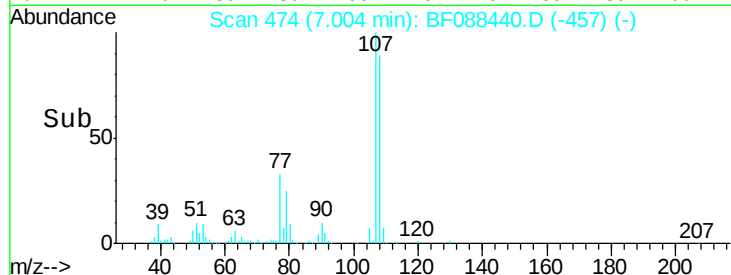
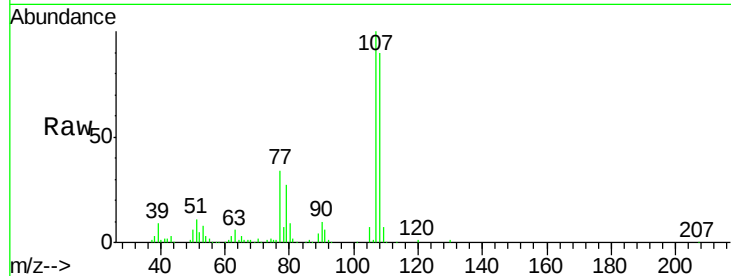
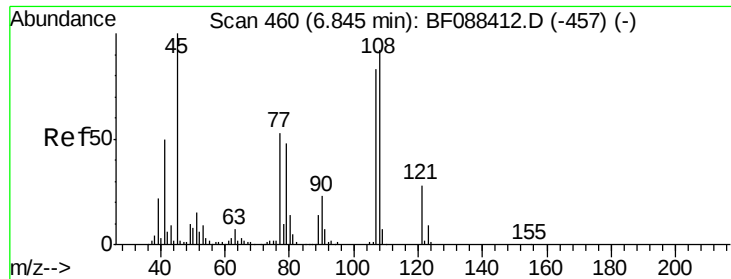
Ion Ratio Lower Upper

45 100

77 53.8 0.0 32.5#

79 50.3 0.0 29.5#

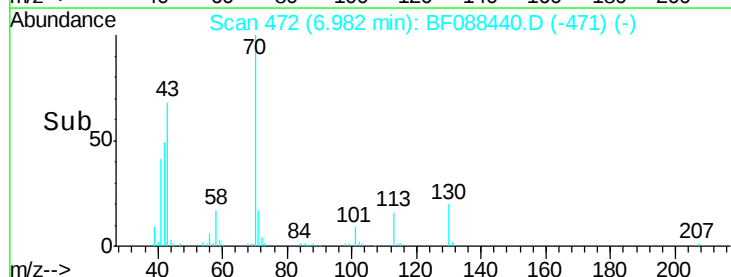
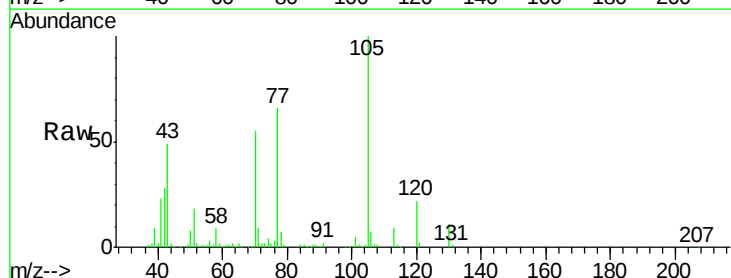
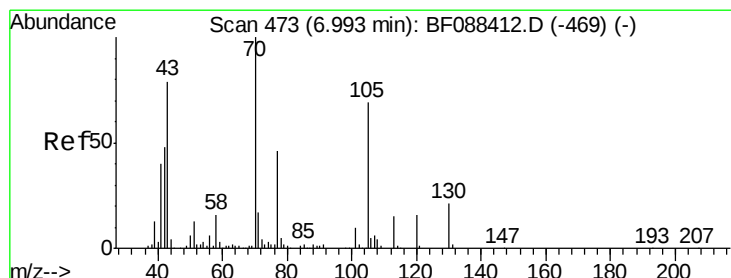
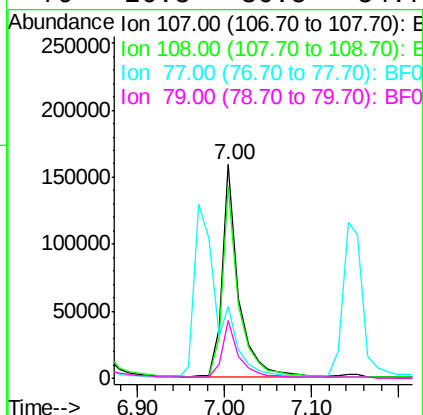




#17
2-Methylphenol
Concen: 14.95 ng
RT: 7.00 min Scan# 474
Delta R.T. -0.10 min
Lab File: BF088440.D
Acq: 27 Jun 2016 6:30

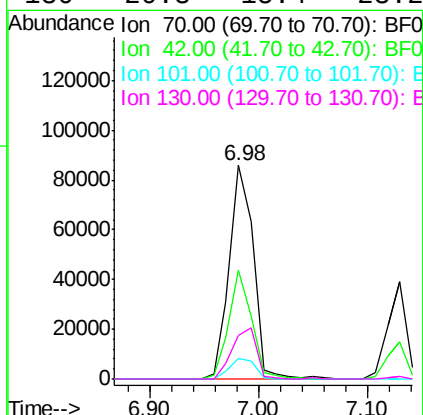
Instrument :
BNA_F
ClientSampleID :
PB91573BS

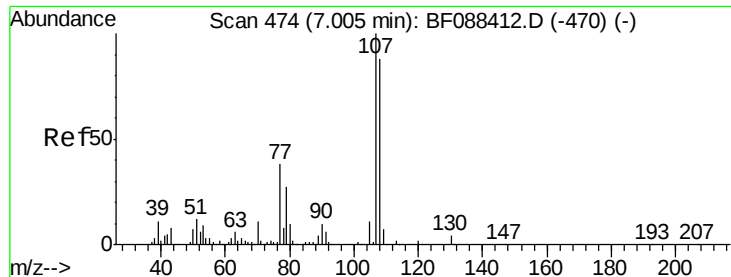
Tot Ion	Ratio	Lower	Upper
107	100		
108	90.0	90.9	136.3#
77	33.6	36.6	55.0#
79	26.8	36.5	54.7#



#19
n-Nitroso-di-n-propylamine
Concen: 11.58 ng
RT: 6.98 min Scan# 472
Delta R.T. -0.29 min
Lab File: BF088440.D
Acq: 27 Jun 2016 6:30

Tgt Ion	Ratio	Lower	Upper
70	100		
42	50.9	49.6	74.4
101	9.3	7.1	10.7
130	20.3	15.4	23.2





#20

3+4-Methylphenols

Concen: 12.86 ng

RT: 7.00 min Scan# 474

Delta R.T. -0.25 min

Lab File: BF088440.D

Acq: 27 Jun 2016 6:30

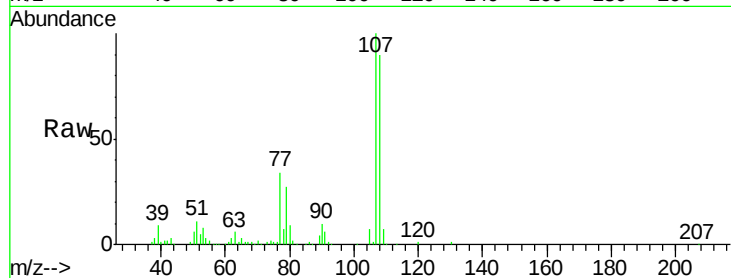
Instrument :

BNA_F

ClientSampleId :

PB91573BS

Tot Ion:	107	Resp:	210120
Ion	Ratio	Lower	Upper
107	100		
108	90.0	67.8	107.8
77	33.6	59.3	99.3#
79	26.8	7.0	47.0

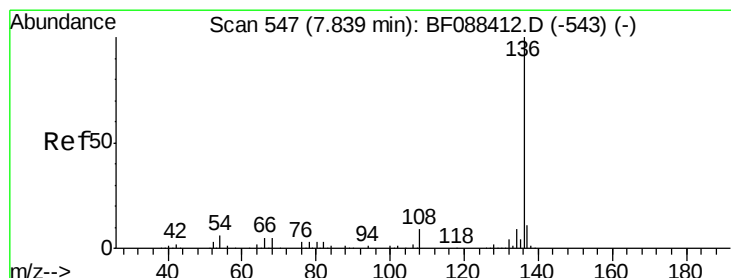
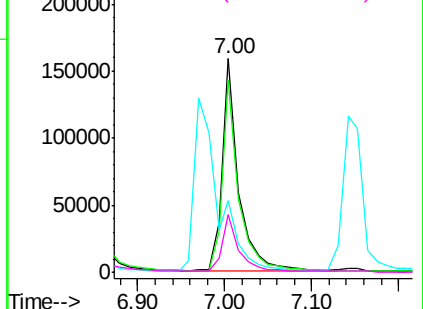
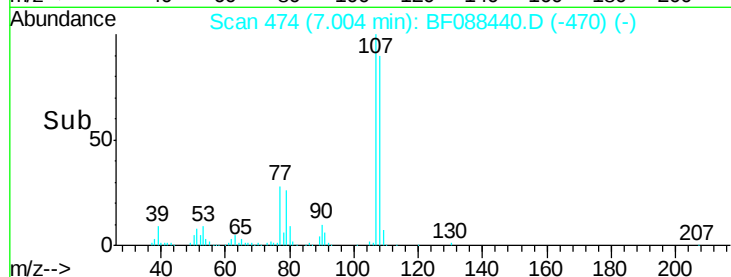


Abundance Ion 107.00 (106.70 to 107.70): E

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

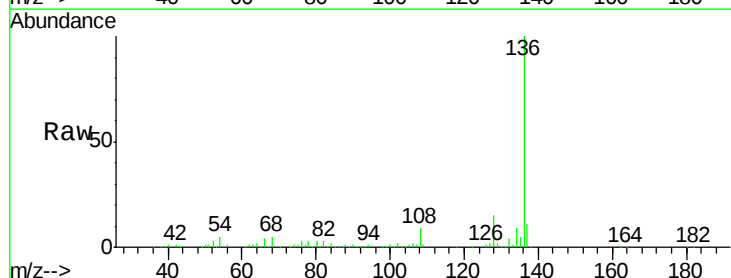
RT: 7.84 min Scan# 547

Delta R.T. -0.29 min

Lab File: BF088440.D

Acq: 27 Jun 2016 6:30

Tgt Ion:	136	Resp:	300376
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	5.5	6.6	10.0#
68	4.6	5.1	7.7#

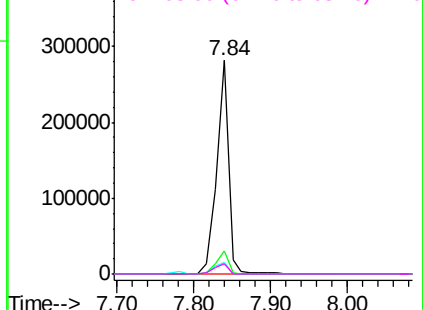
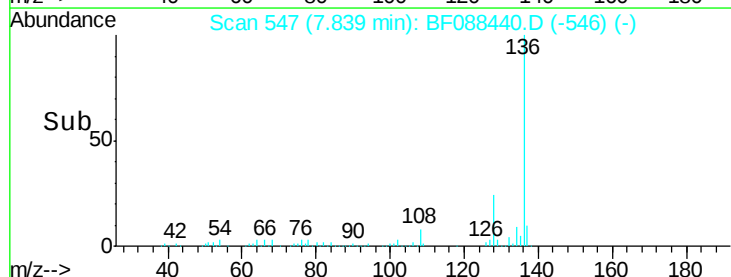


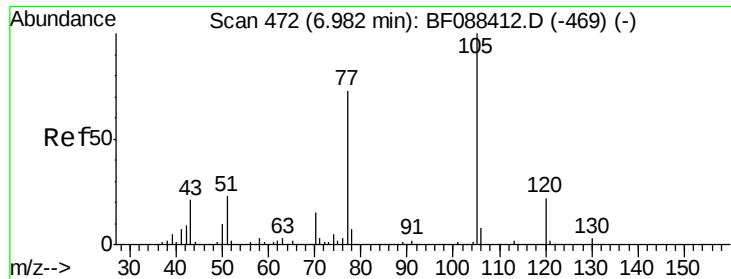
Abundance Ion 136.00 (135.70 to 136.70): E

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

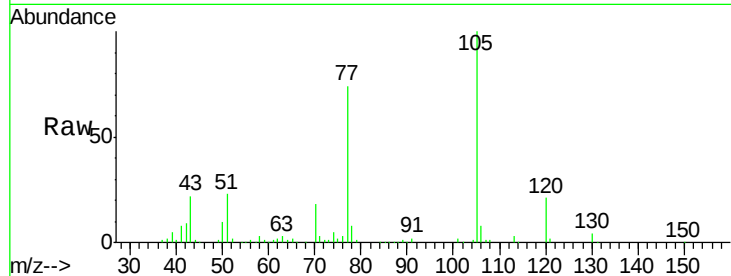




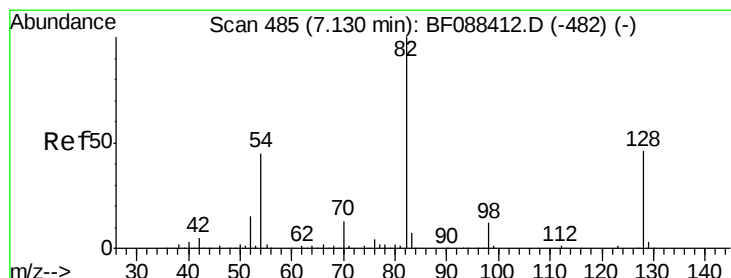
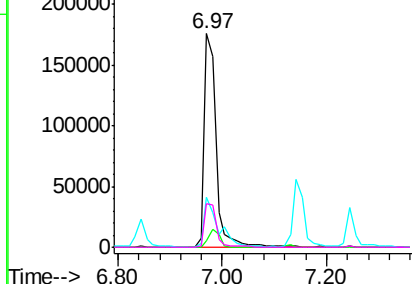
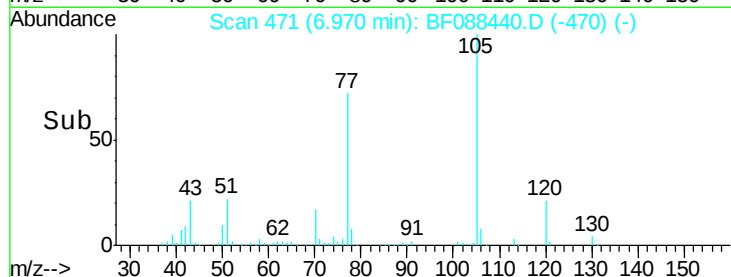
#22
Acetophenone
Concen: 41.78 ng
RT: 6.97 min Scan# 471
Delta R.T. -0.29 min
Lab File: BF088440.D
Acq: 27 Jun 2016 6:30

Instrument :
BNA_F
ClientSampleId :
PB91573BS

Tot Ion:105 Resp: 280445
Ion Ratio Lower Upper
105 100
71 3.0 5.3 7.9#
51 23.4 18.2 27.4
120 20.6 18.0 27.0

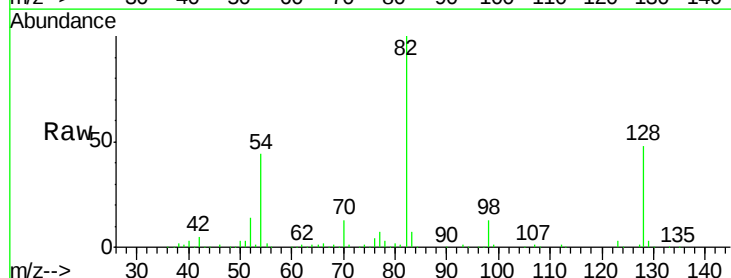


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

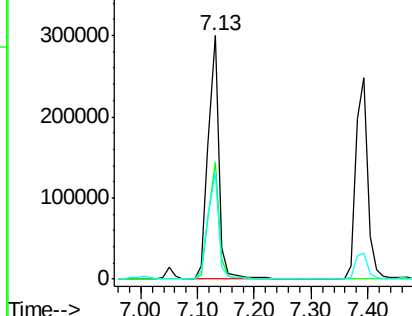
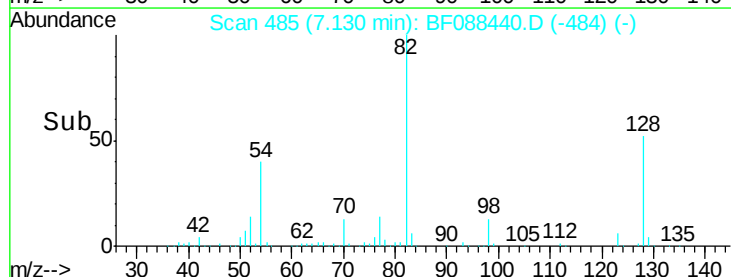


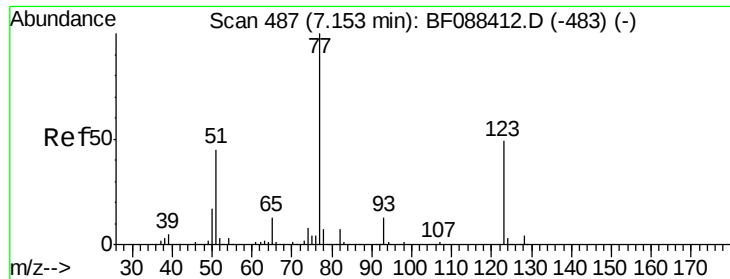
#23
Nitrobenzene-d5
Concen: 73.63 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.29 min
Lab File: BF088440.D
Acq: 27 Jun 2016 6:30

Tgt Ion: 82 Resp: 378773
Ion Ratio Lower Upper
82 100
128 48.0 35.9 53.9
54 43.6 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

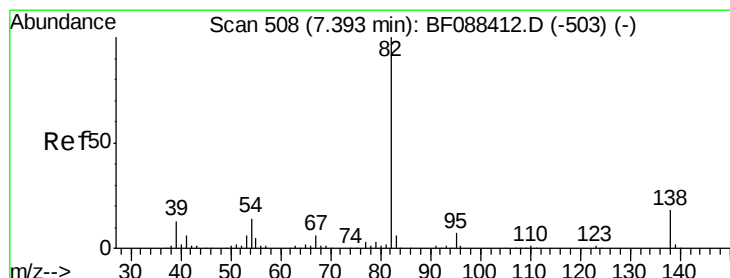
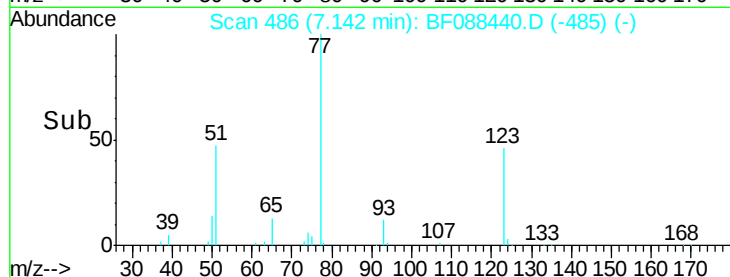
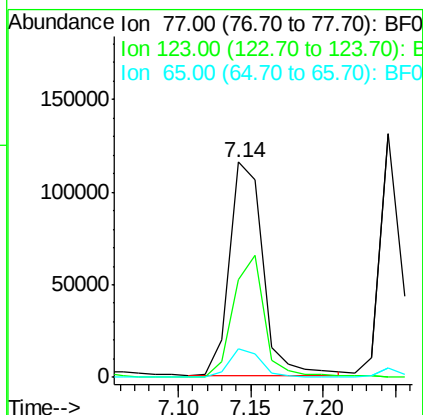
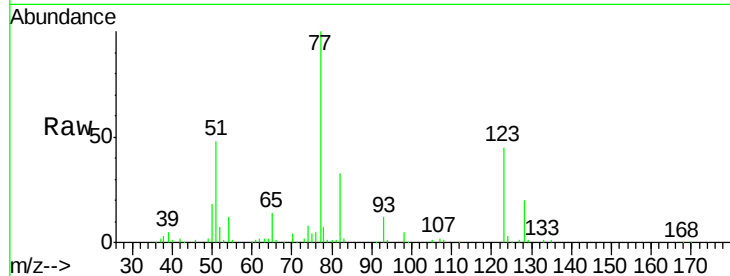




#24
Nitrobenzene
Concen: 36.92 ng
RT: 7.14 min Scan# 486
Delta R.T. -0.29 min
Lab File: BF088440.D
Acq: 27 Jun 2016 6:30

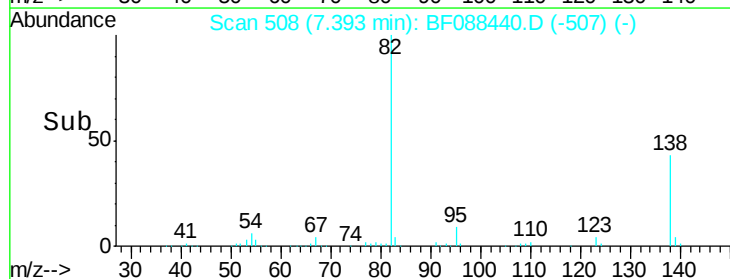
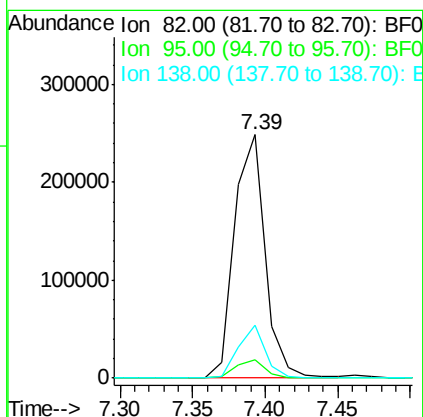
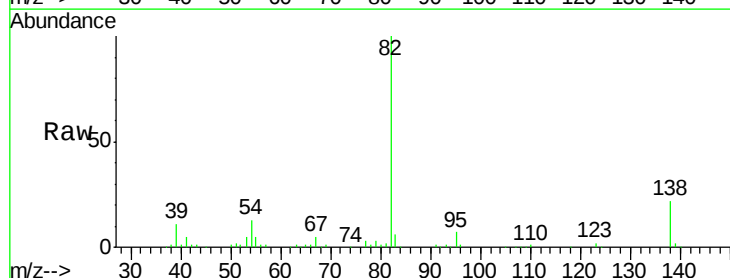
Instrument :
BNA_F
ClientSampleId :
PB91573BS

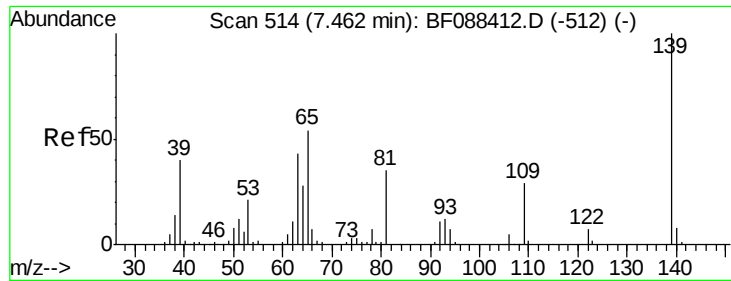
Tot Ion: 77 Resp: 183978
Ion Ratio Lower Upper
77 100
123 45.2 45.0 67.4
65 13.6 10.2 15.2



#25
Isophorone
Concen: 37.99 ng
RT: 7.39 min Scan# 508
Delta R.T. -0.29 min
Lab File: BF088440.D
Acq: 27 Jun 2016 6:30

Tgt Ion: 82 Resp: 361940
Ion Ratio Lower Upper
82 100
95 7.5 5.4 8.2
138 21.6 14.6 21.8

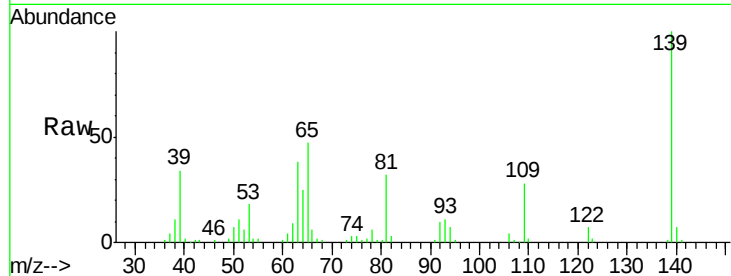




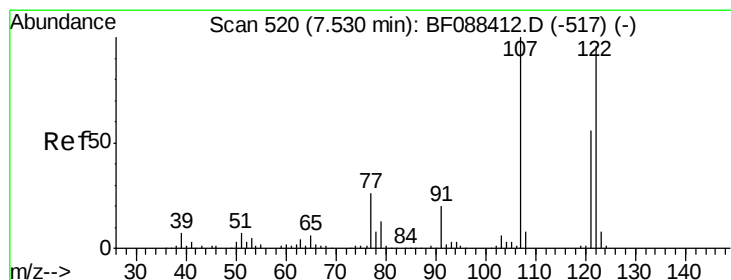
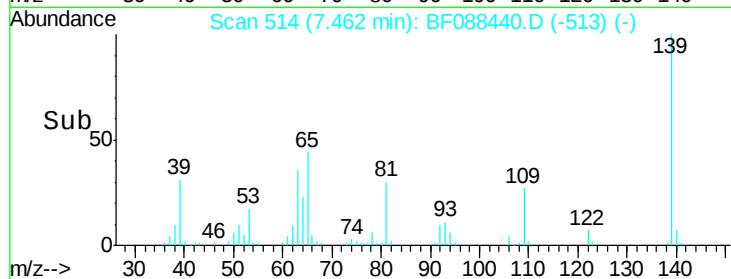
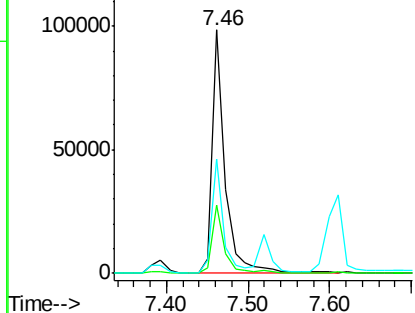
#26
2-Nitrophenol
Concen: 41.62 ng
RT: 7.46 min Scan# 514
Delta R.T. -0.29 min
Lab File: BF088440.D
Acq: 27 Jun 2016 6:30

Instrument :
BNA_F
ClientSampleId :
PB91573BS

Tot Ion:139 Resp: 111087
Ion Ratio Lower Upper
139 100
109 28.0 23.0 34.4
65 47.1 45.8 68.8

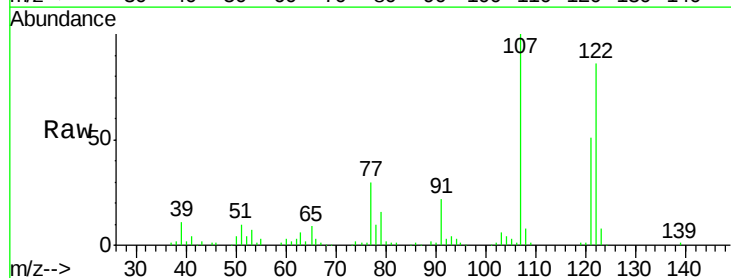


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

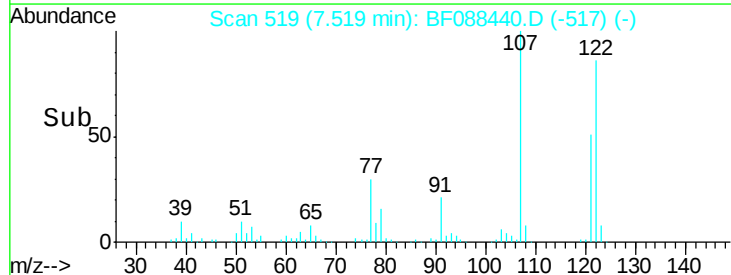
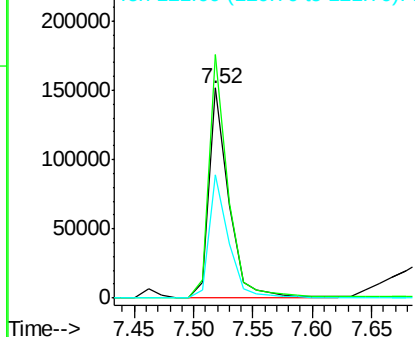


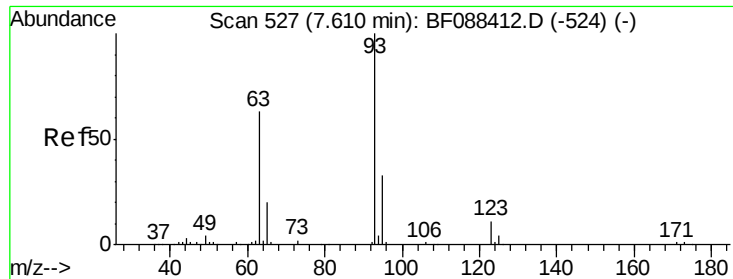
#27
2,4-Dimethylphenol
Concen: 35.88 ng
RT: 7.52 min Scan# 519
Delta R.T. -0.27 min
Lab File: BF088440.D
Acq: 27 Jun 2016 6:30

Tgt Ion:122 Resp: 176322
Ion Ratio Lower Upper
122 100
107 116.1 82.4 123.6
121 59.0 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

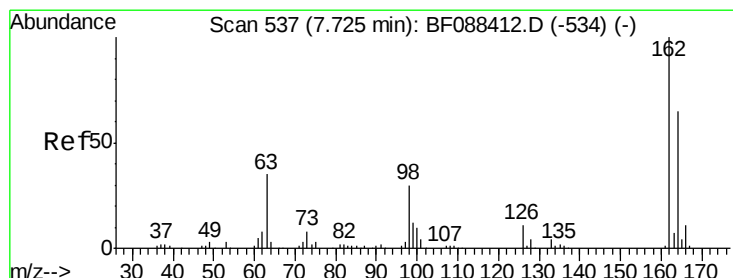
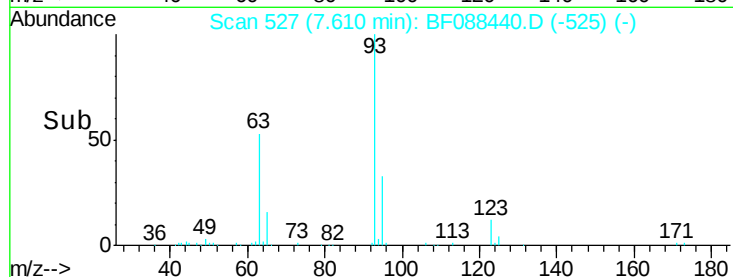
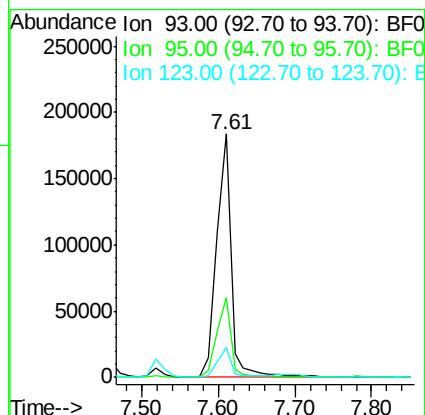
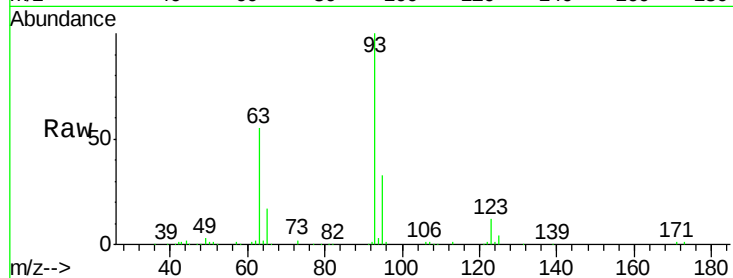




#28
bis(2-Chloroethoxy)methane
Concen: 41.05 ng
RT: 7.61 min Scan# 527
Delta R.T. -0.27 min
Lab File: BF088440.D
Acq: 27 Jun 2016 6:30

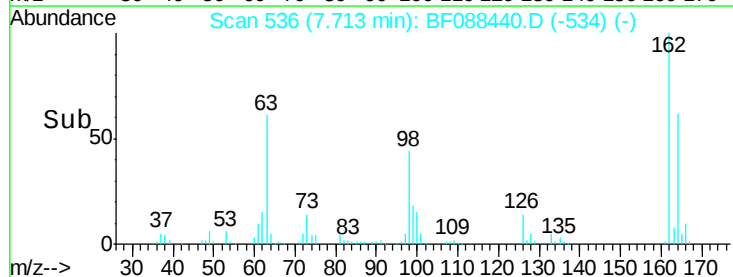
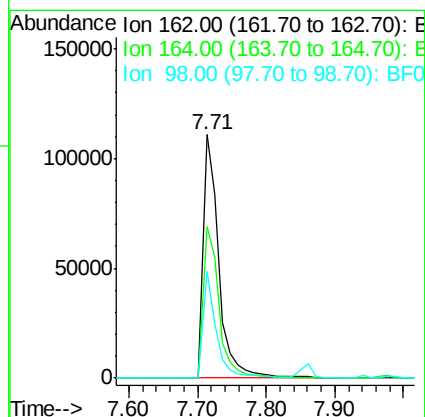
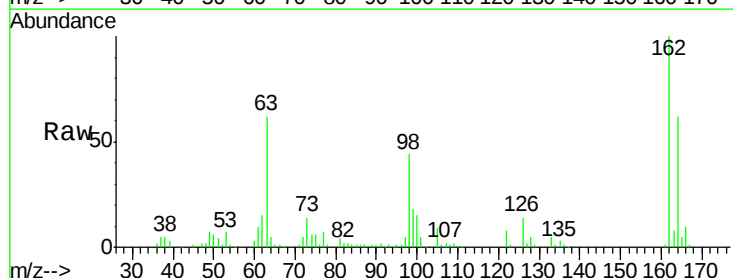
Instrument :
BNA_F
ClientSampleId :
PB91573BS

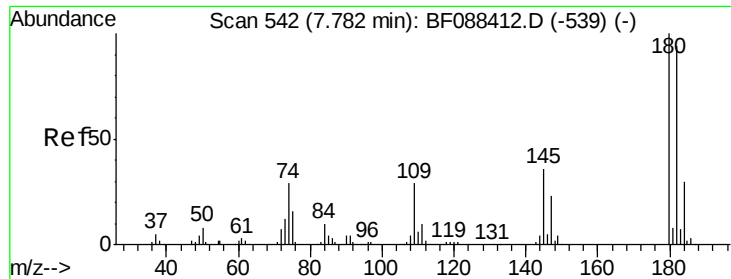
Tot Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.5	39.7
123	12.1	11.6	17.4



#29
2,4-Dichlorophenol
Concen: 42.01 ng
RT: 7.71 min Scan# 536
Delta R.T. -0.27 min
Lab File: BF088440.D
Acq: 27 Jun 2016 6:30

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.3	43.8	83.8
98	44.0	21.3	61.3

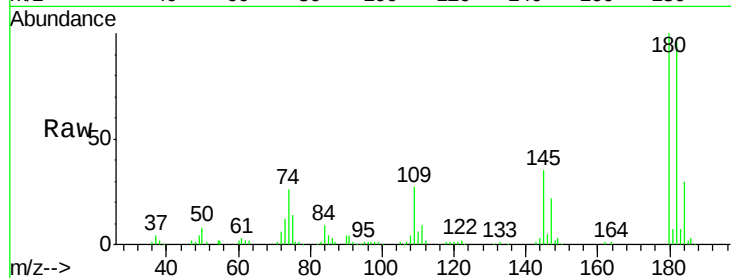




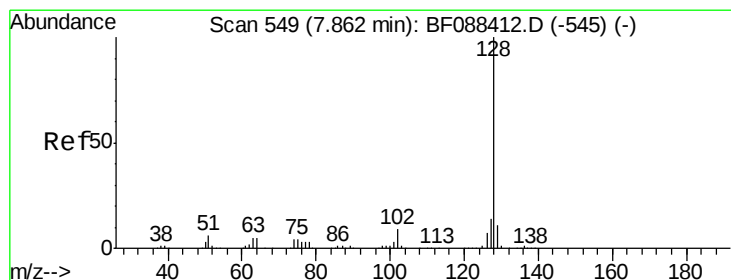
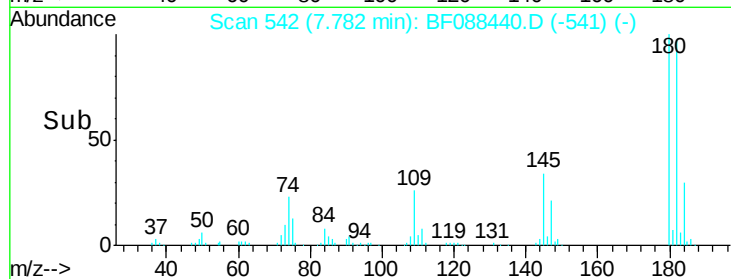
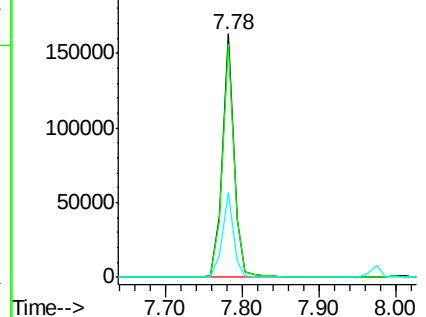
#30
 1,2,4-Trichlorobenzene
 Concen: 38.97 ng
 RT: 7.78 min Scan# 542
 Delta R.T. -0.29 min
 Lab File: BF088440.D
 Acq: 27 Jun 2016 6:30

Instrument :
 BNA_F
 ClientSampleId :
 PB91573BS

Tot Ion:180 Resp: 174103
 Ion Ratio Lower Upper
 180 100
 182 95.8 76.0 114.0
 145 34.7 26.5 39.7

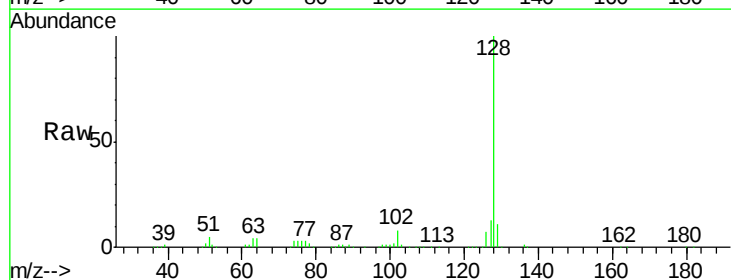


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

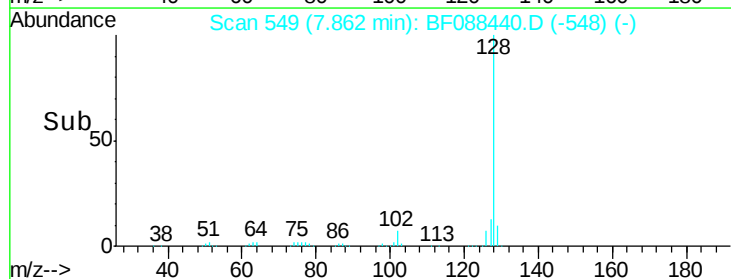
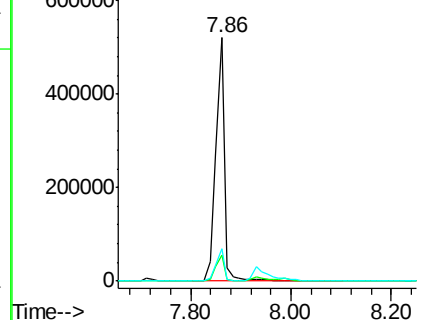


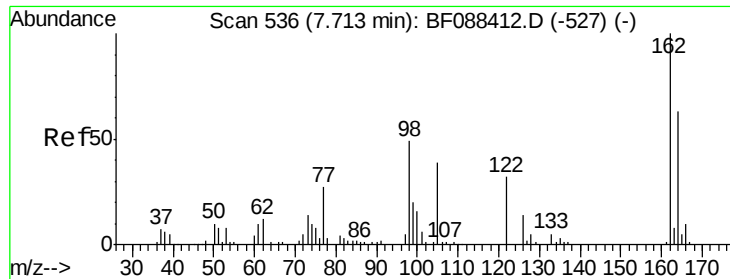
#31
 Naphthalene
 Concen: 41.77 ng
 RT: 7.86 min Scan# 549
 Delta R.T. -0.29 min
 Lab File: BF088440.D
 Acq: 27 Jun 2016 6:30

Tgt Ion:128 Resp: 620827
 Ion Ratio Lower Upper
 128 100
 129 10.8 9.4 14.2
 127 13.2 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

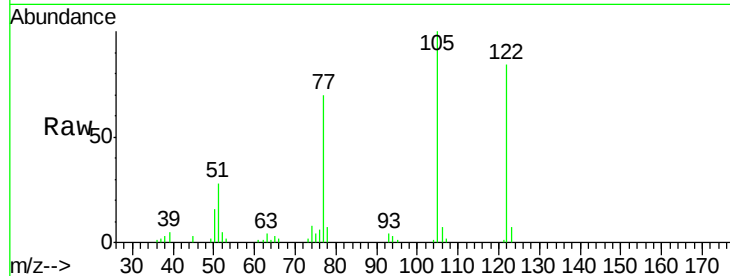




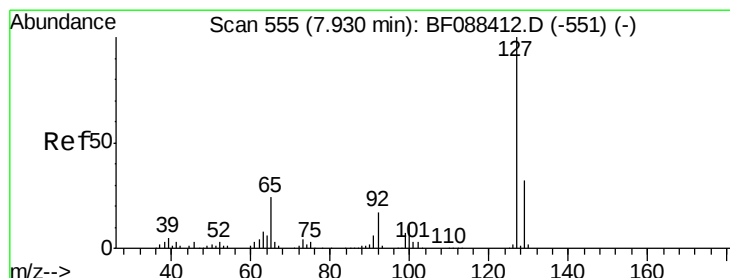
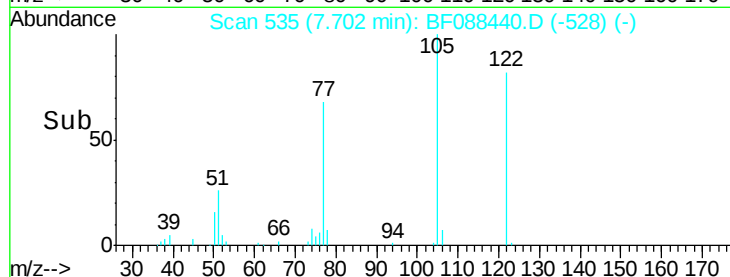
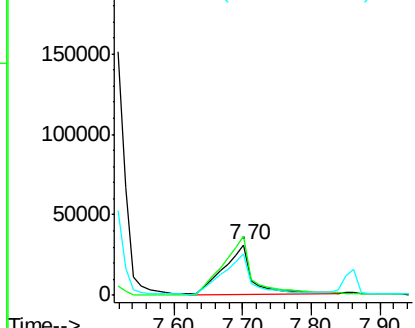
#32
Benzoic acid
Concen: 33.76 ng
RT: 7.70 min Scan# 535
Delta R.T. -0.22 min
Lab File: BF088440.D
Acq: 27 Jun 2016 6:30

Instrument :
BNA_F
ClientSampleId :
PB91573BS

Tot Ion:122 Resp: 91358
Ion Ratio Lower Upper
122 100
105 118.6 101.6 141.6
77 82.8 70.6 110.6

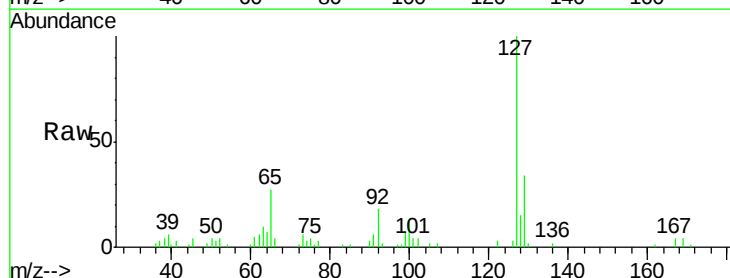


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

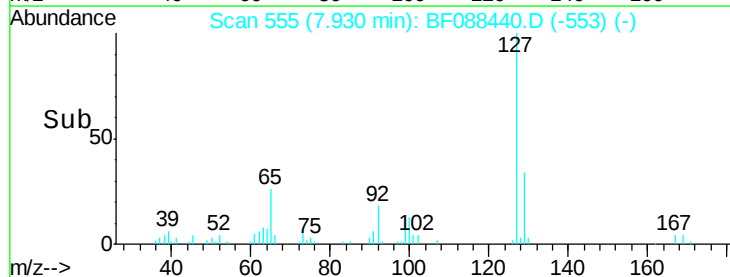
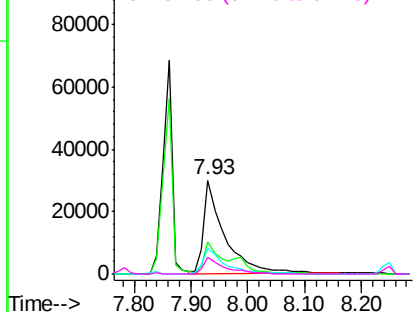


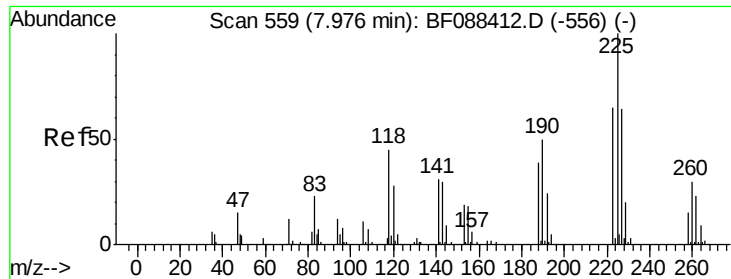
#33
4-Chloroaniline
Concen: 11.12 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.27 min
Lab File: BF088440.D
Acq: 27 Jun 2016 6:30

Tgt Ion:127 Resp: 73827
Ion Ratio Lower Upper
127 100
129 34.3 26.3 39.5
65 26.7 24.7 37.1
92 17.5 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

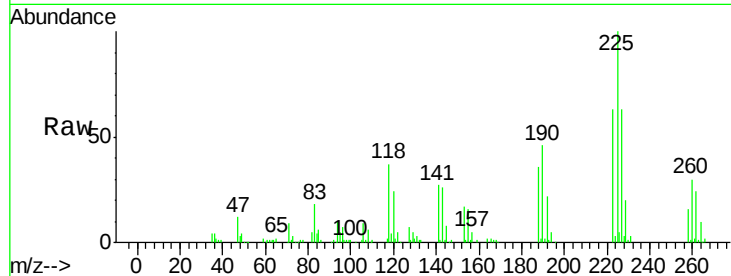




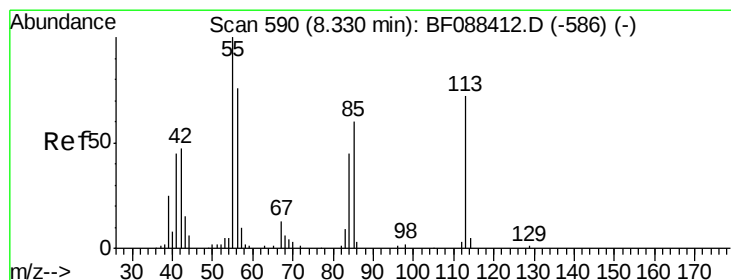
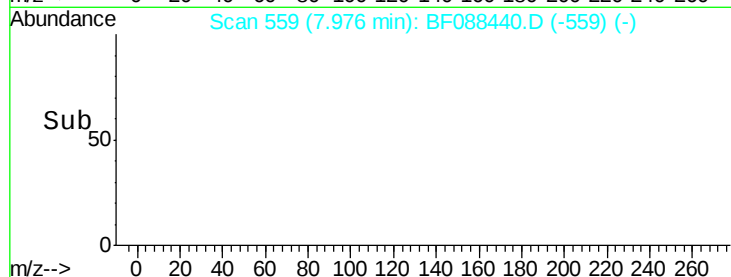
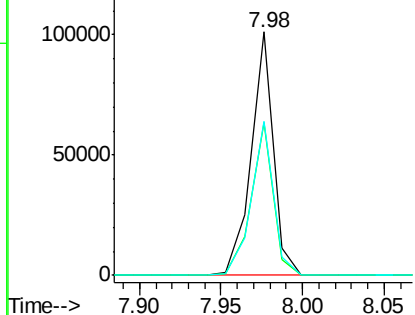
#34
Hexachlorobutadiene
Concen: 40.45 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.30 min
Lab File: BF088440.D
Acq: 27 Jun 2016 6:30

Instrument :
BNA_F
ClientSampleId :
PB91573BS

Tot Ion:225 Resp: 95322
Ion Ratio Lower Upper
225 100
223 62.6 50.9 76.3
227 63.3 51.9 77.9

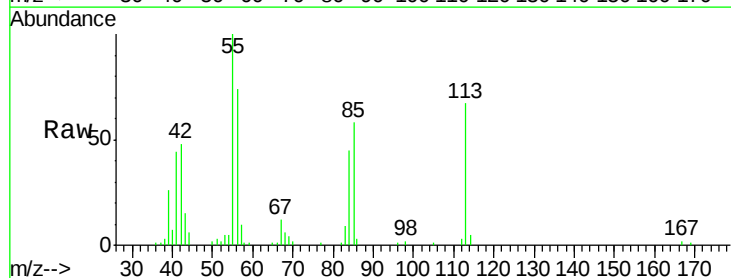


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

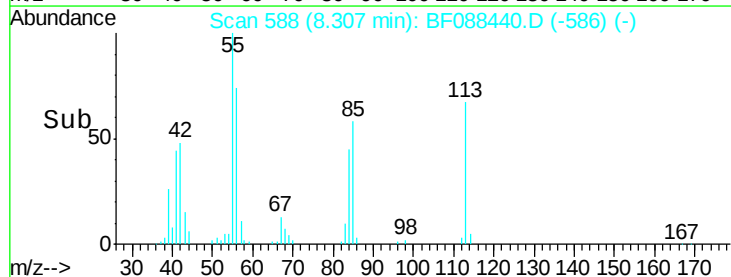
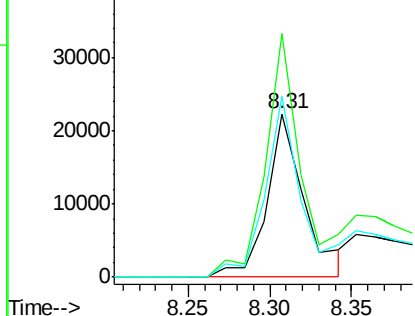


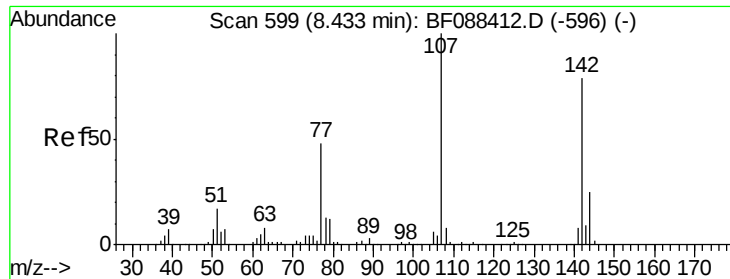
#35
Caprolactam
Concen: 26.05 ng
RT: 8.31 min Scan# 588
Delta R.T. -0.27 min
Lab File: BF088440.D
Acq: 27 Jun 2016 6:30

Tgt Ion:113 Resp: 35402
Ion Ratio Lower Upper
113 100
55 149.1 158.6 198.6#
56 110.4 110.6 150.6#



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

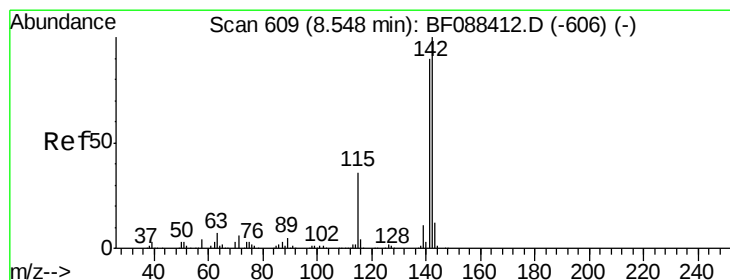
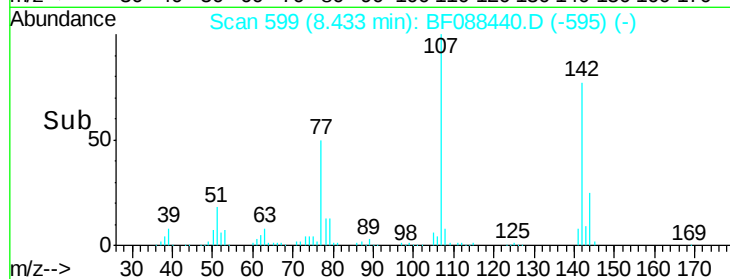
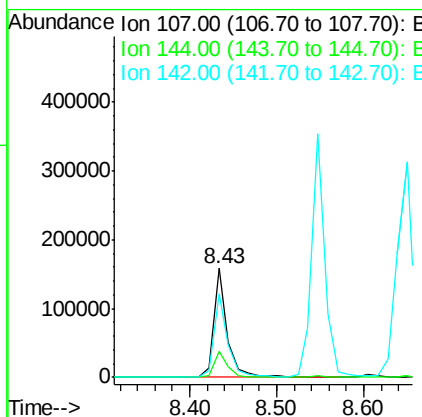
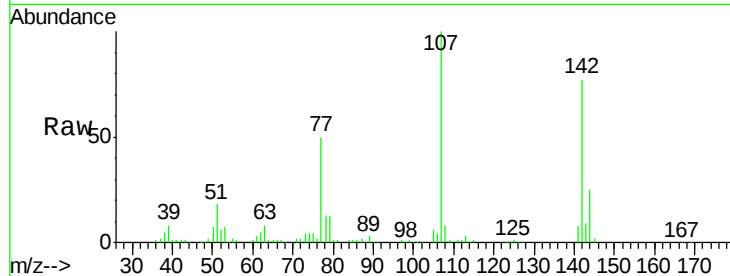




#36
 4-Chloro-3-methylphenol
 Concen: 39.56 ng
 RT: 8.43 min Scan# 599
 Delta R.T. -0.25 min
 Lab File: BF088440.D
 Acq: 27 Jun 2016 6:30

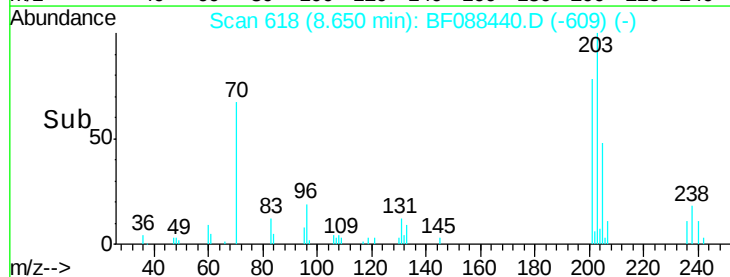
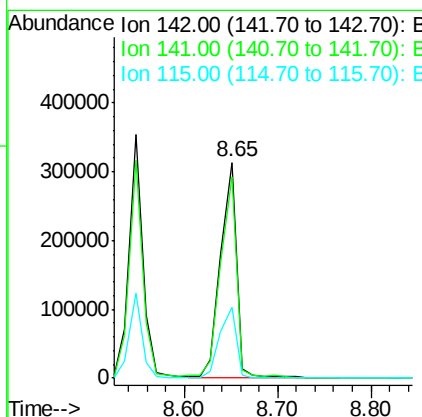
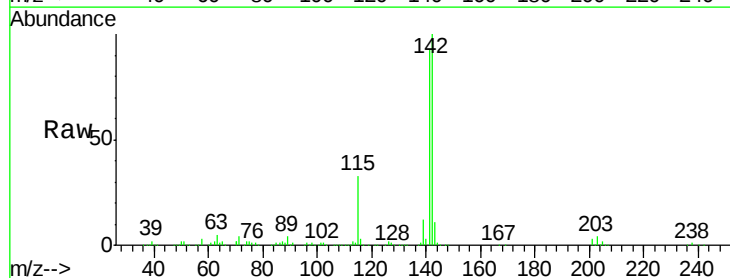
Instrument :
 BNA_F
 ClientSampleId :
 PB91573BS

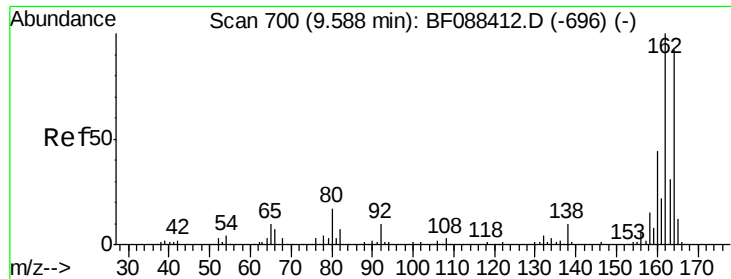
Tot Ion:107 Resp: 173584
 Ion Ratio Lower Upper
 107 100
 144 24.5 20.8 31.2
 142 77.1 63.4 95.2



#37
 2-Methylnaphthalene
 Concen: 38.02 ng
 RT: 8.65 min Scan# 618
 Delta R.T. -0.19 min
 Lab File: BF088440.D
 Acq: 27 Jun 2016 6:30

Tgt Ion:142 Resp: 372459
 Ion Ratio Lower Upper
 142 100
 141 93.1 71.0 106.6
 115 32.9 22.6 33.8

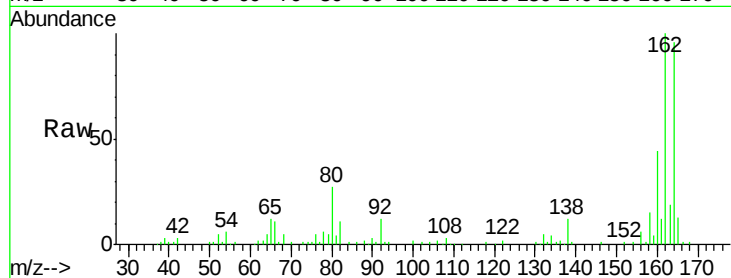




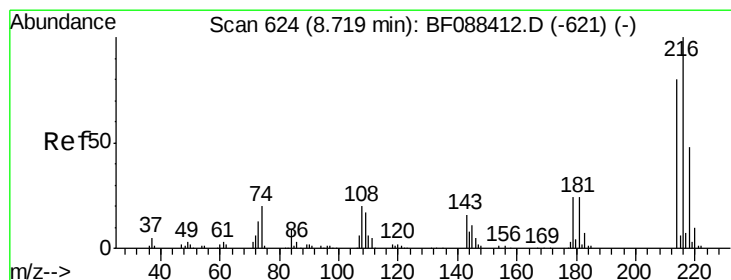
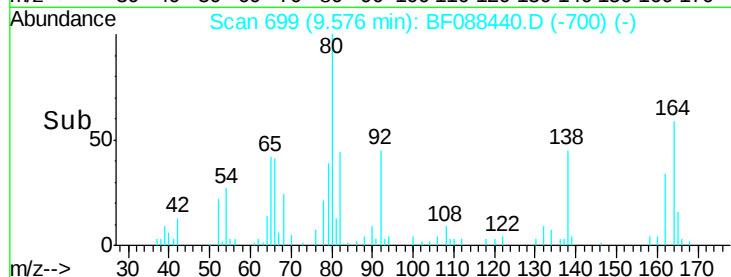
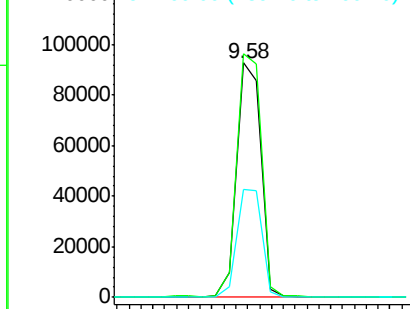
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.31 min
Lab File: BF088440.D
Acq: 27 Jun 2016 6:30

Instrument :
BNA_F
ClientSampleId :
PB91573BS

Tot Ion:164 Resp: 132744
Ion Ratio Lower Upper
164 100
162 103.9 85.4 128.2
160 45.8 39.5 59.3

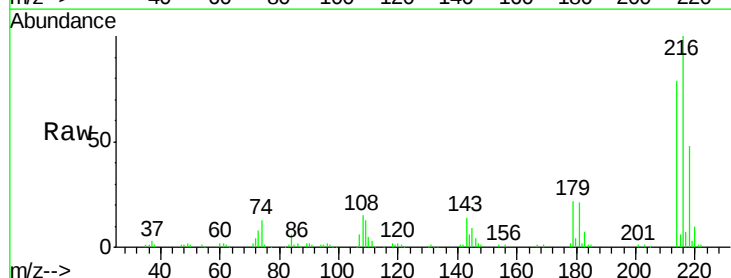


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

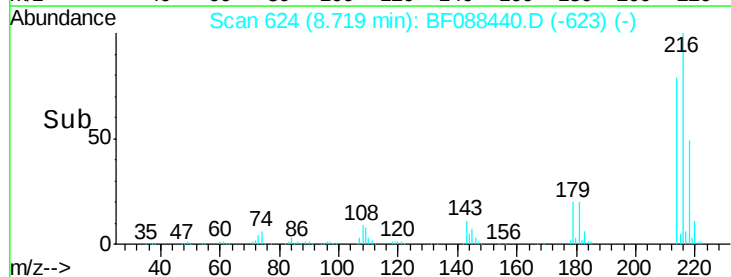
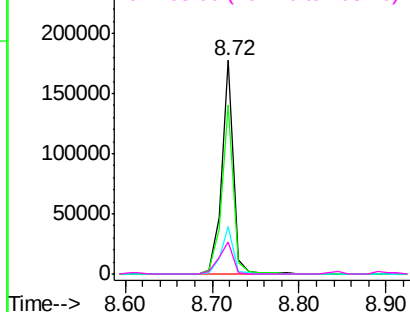


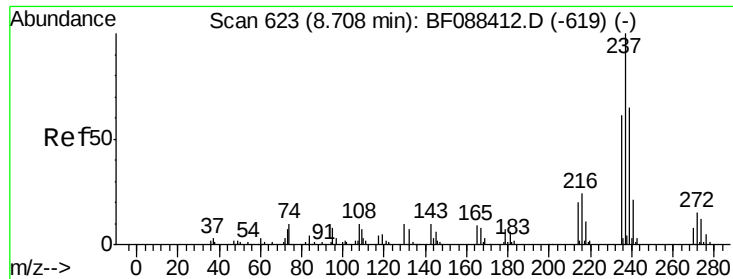
#39
1,2,4,5-Tetrachlorobenzene
Concen: 51.82 ng
RT: 8.72 min Scan# 624
Delta R.T. -0.29 min
Lab File: BF088440.D
Acq: 27 Jun 2016 6:30

Tgt Ion:216 Resp: 169875
Ion Ratio Lower Upper
216 100
214 78.7 2.9 4.3#
179 22.6 0.0 0.0#
108 18.2 0.5 0.7#



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

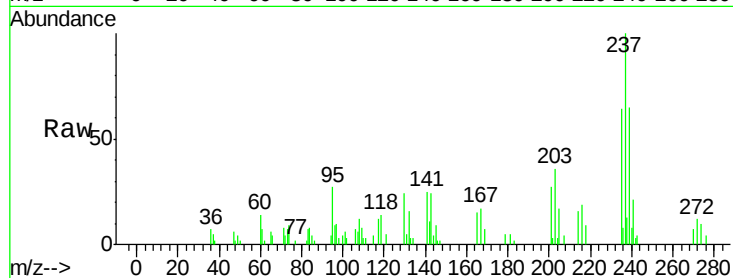




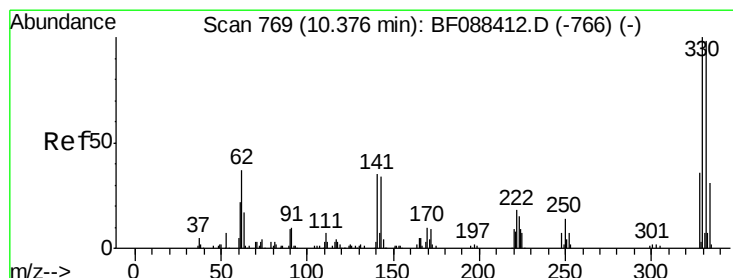
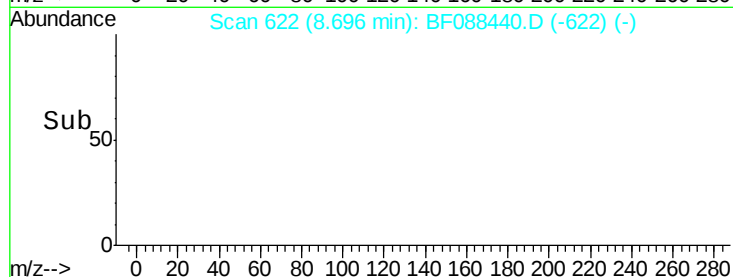
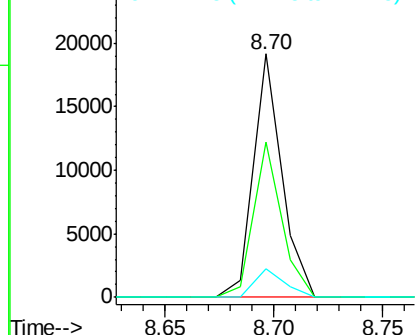
#40
Hexachlorocyclopentadiene
Concen: 8.12 ng
RT: 8.70 min Scan# 622
Delta R.T. -0.30 min
Lab File: BF088440.D
Acq: 27 Jun 2016 6:30

Instrument :
BNA_F
ClientSampleId :
PB91573BS

Tot Ion:237 Resp: 17395
Ion Ratio Lower Upper
237 100
235 64.0 43.4 83.4
272 11.8 0.0 32.3

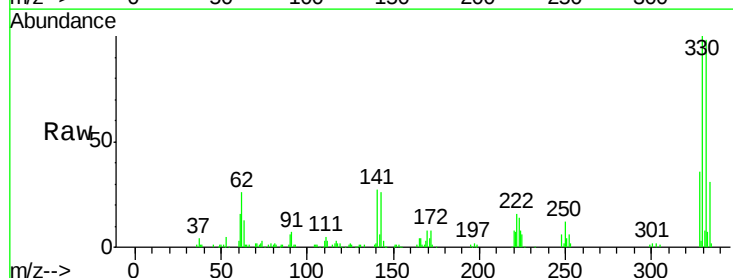


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

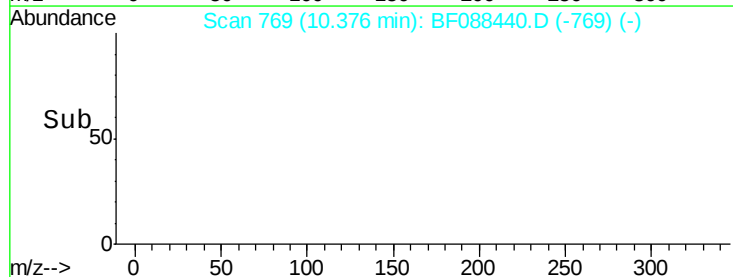
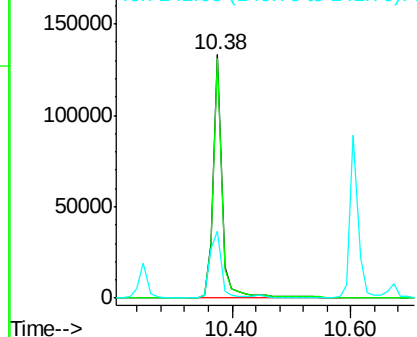


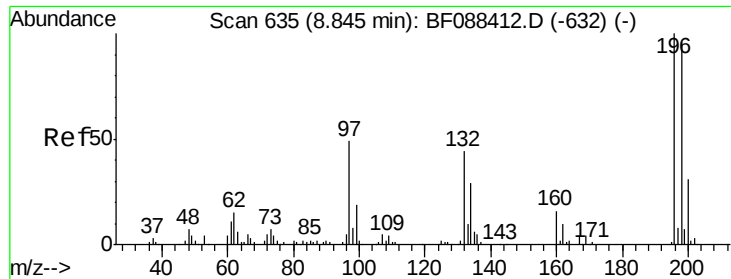
#41
2,4,6-Tribromophenol
Concen: 100.86 ng
RT: 10.38 min Scan# 769
Delta R.T. -0.30 min
Lab File: BF088440.D
Acq: 27 Jun 2016 6:30

Tgt Ion:330 Resp: 141369
Ion Ratio Lower Upper
330 100
332 97.4 0.0 0.0#
141 35.1 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

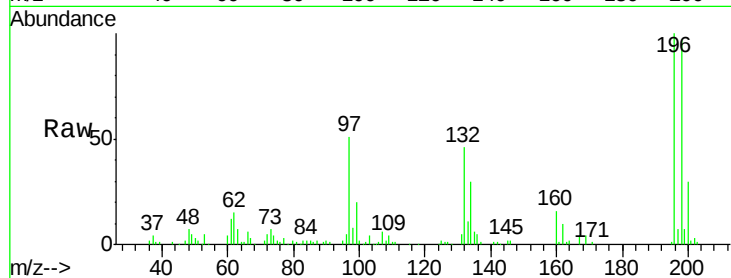




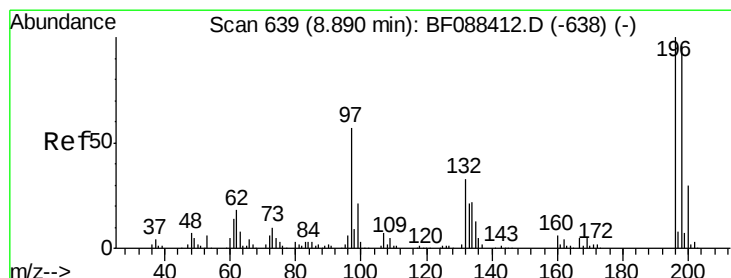
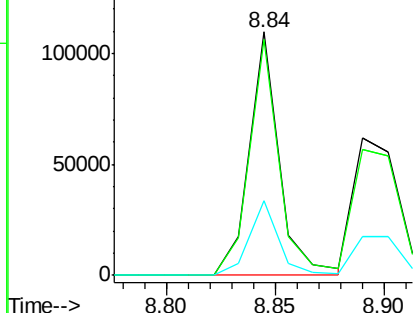
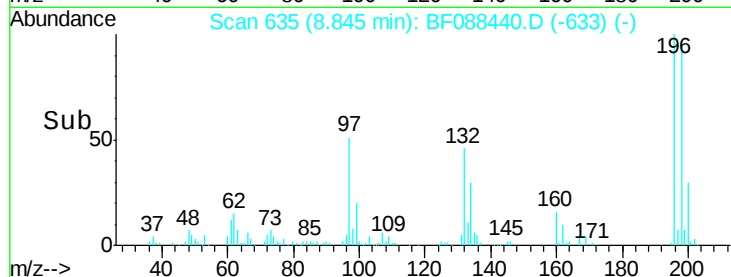
#42
 2,4,6-Trichlorophenol
 Concen: 39.63 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.27 min
 Lab File: BF088440.D
 Acq: 27 Jun 2016 6:30

Instrument :
 BNA_F
 ClientSampleId :
 PB91573BS

Tot Ion:196 Resp: 105204
 Ion Ratio Lower Upper
 196 100
 198 96.7 78.0 117.0
 200 30.5 25.4 38.2

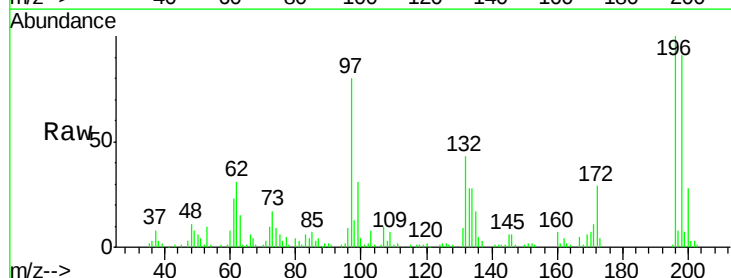


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

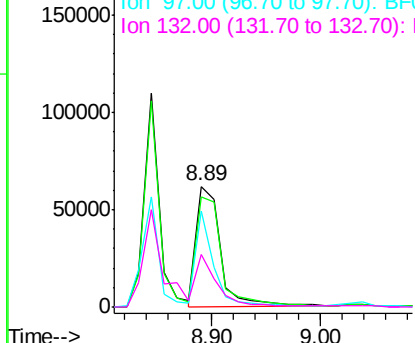
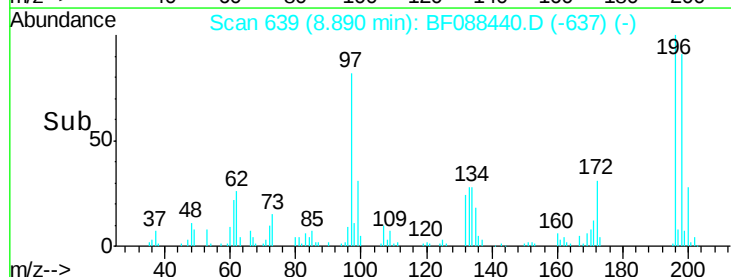


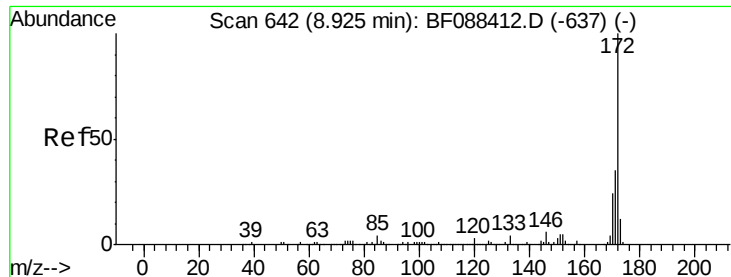
#43
 2,4,5-Trichlorophenol
 Concen: 34.84 ng
 RT: 8.89 min Scan# 639
 Delta R.T. -0.27 min
 Lab File: BF088440.D
 Acq: 27 Jun 2016 6:30

Tgt Ion:196 Resp: 96233
 Ion Ratio Lower Upper
 196 100
 198 91.1 77.5 116.3
 97 79.8 32.0 48.0#
 132 43.0 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: 78.55 ng

RT: 8.91 min Scan# 641

Delta R.T. -0.30 min

Lab File: BF088440.D

Acq: 27 Jun 2016 6:30

Instrument :

BNA_F

ClientSampleId :

PB91573BS

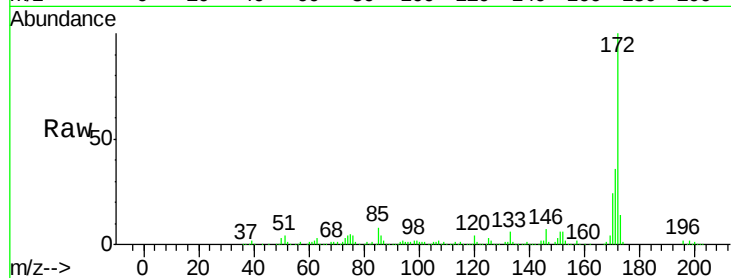
Tot Ion:172 Resp: 667270

Ion Ratio Lower Upper

172 100

171 36.0 28.6 43.0

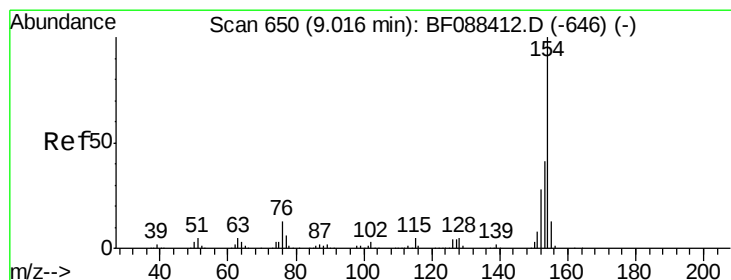
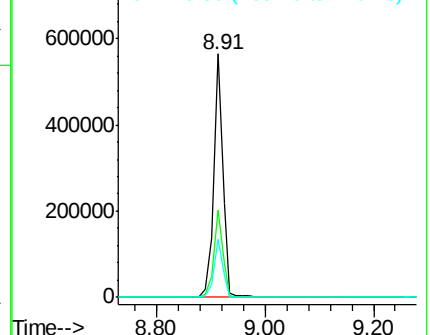
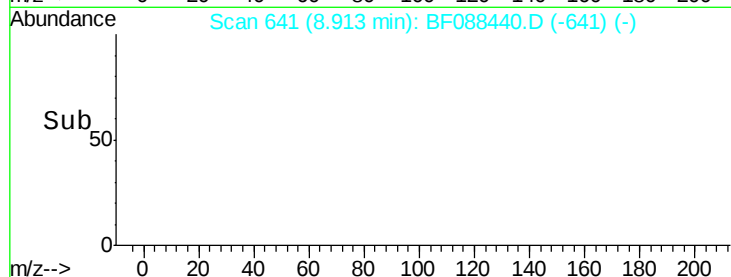
170 23.9 19.2 28.8



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: 49.32 ng

RT: 9.02 min Scan# 650

Delta R.T. -0.29 min

Lab File: BF088440.D

Acq: 27 Jun 2016 6:30

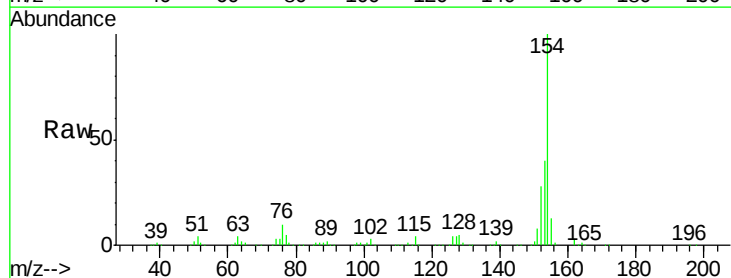
Tgt Ion:154 Resp: 485505

Ion Ratio Lower Upper

154 100

153 40.3 20.6 60.6

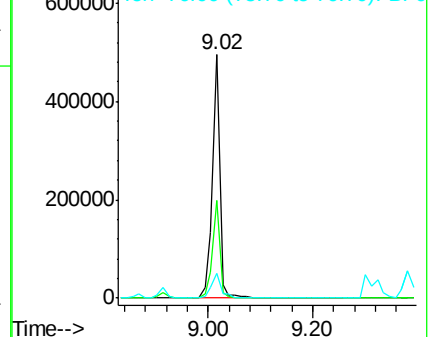
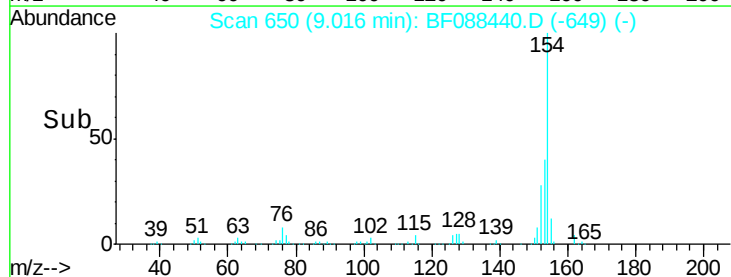
76 10.1 0.0 35.1

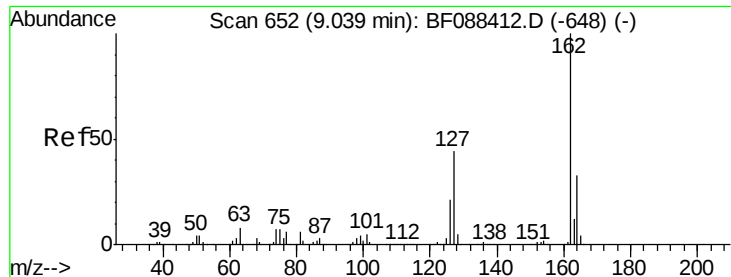


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

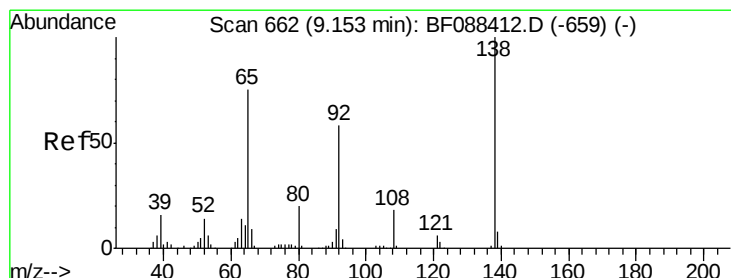
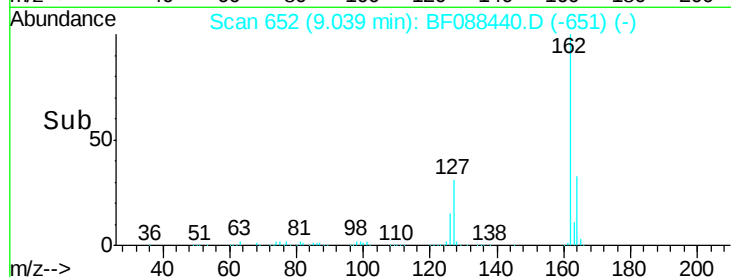
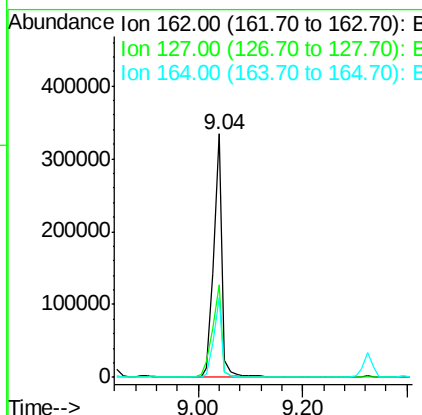
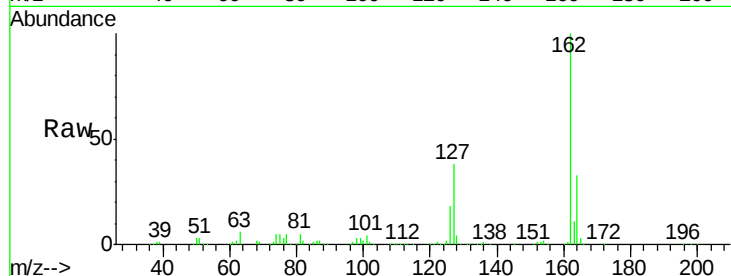




#46
2-Chloronaphthalene
Concen: 43.17 ng
RT: 9.04 min Scan# 652
Delta R.T. -0.29 min
Lab File: BF088440.D
Acq: 27 Jun 2016 6:30

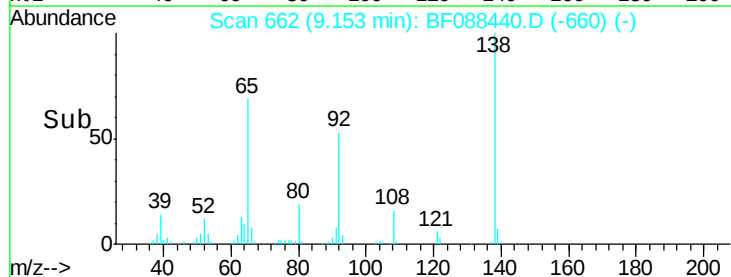
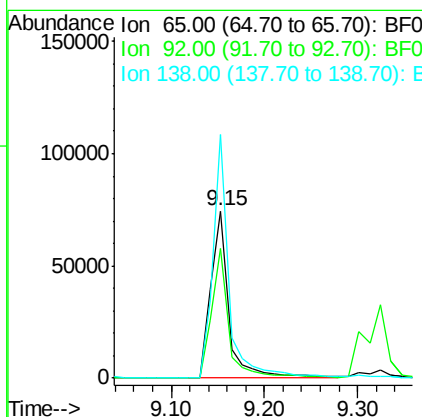
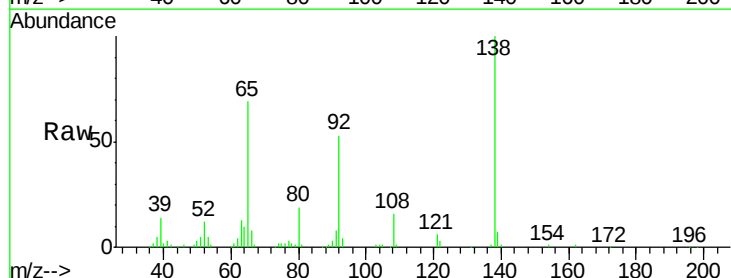
Instrument :
BNA_F
ClientSampleId :
PB91573BS

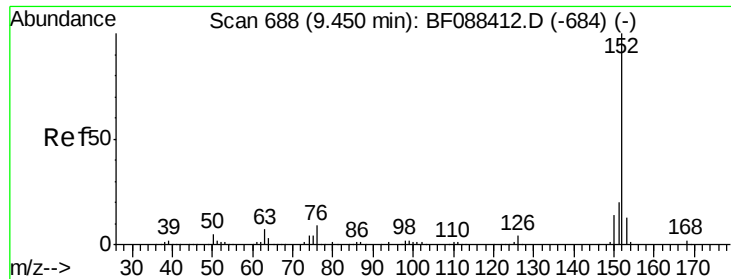
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.1	35.2	52.8
164	32.7	26.6	39.8



#47
2-Nitroaniline
Concen: 40.05 ng
RT: 9.15 min Scan# 662
Delta R.T. -0.27 min
Lab File: BF088440.D
Acq: 27 Jun 2016 6:30

Tgt Ion	Ratio	Lower	Upper
65	100		
92	77.8	54.6	82.0
138	145.6	77.0	115.4





#48

Acenaphthylene

Concen: 39.96 ng

RT: 9.44 min Scan# 687

Delta R.T. -0.31 min

Lab File: BF088440.D

Acq: 27 Jun 2016 6:30

Instrument :

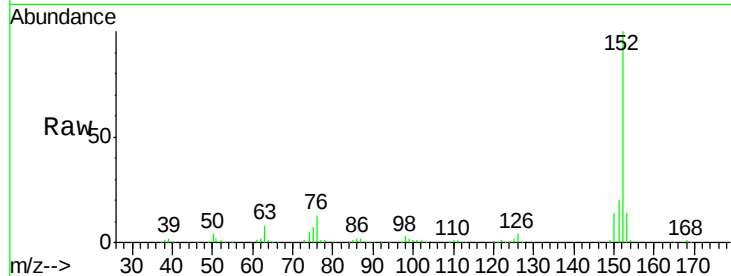
BNA_F

ClientSampleId :

PB91573BS

Tot Ion:152 Resp: 545977

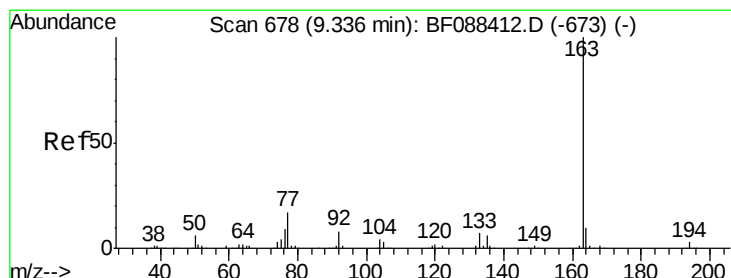
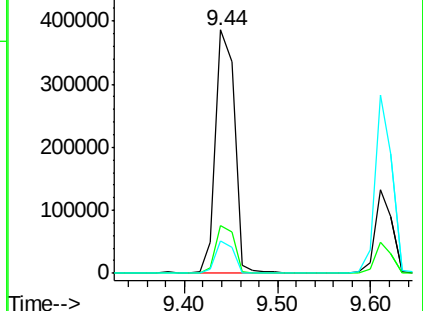
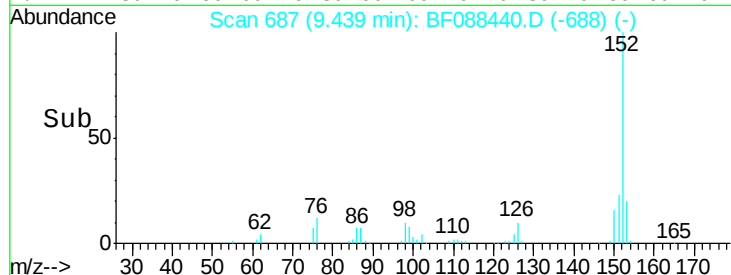
Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.2	24.4
153	13.5	11.0	16.6



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: 42.87 ng

RT: 9.32 min Scan# 677

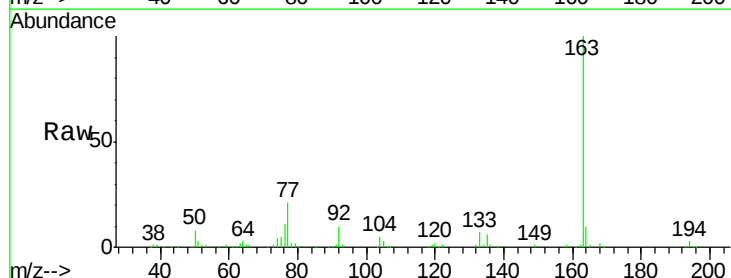
Delta R.T. -0.29 min

Lab File: BF088440.D

Acq: 27 Jun 2016 6:30

Tgt Ion:163 Resp: 412201

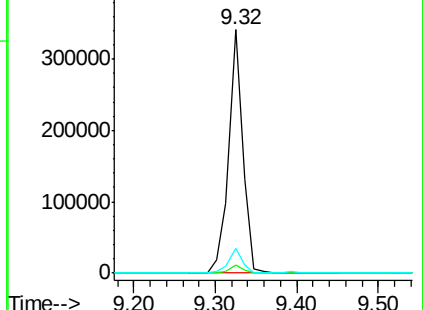
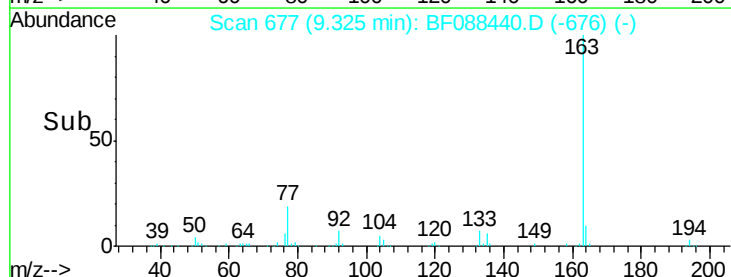
Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.8	4.2
164	10.1	8.3	12.5

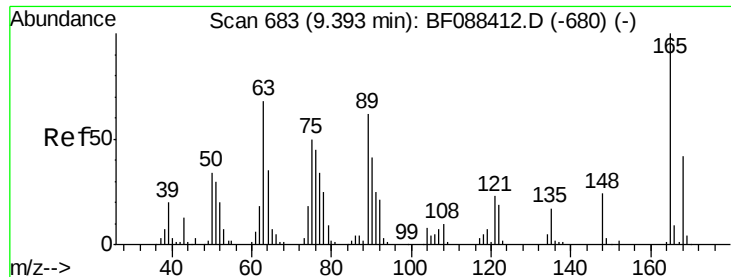


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

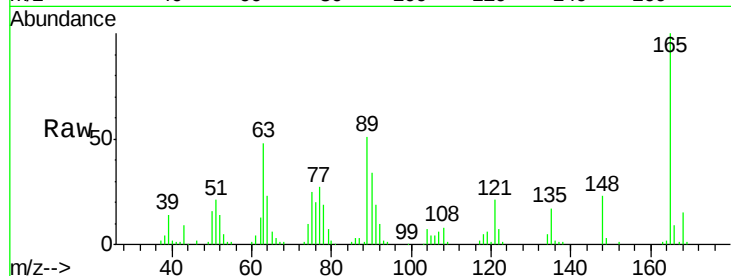




#50
 2,6-Dinitrotoluene
 Concen: 43.83 ng
 RT: 9.39 min Scan# 683
 Delta R.T. -0.27 min
 Lab File: BF088440.D
 Acq: 27 Jun 2016 6:30

Instrument :
 BNA_F
 ClientSampleId :
 PB91573BS

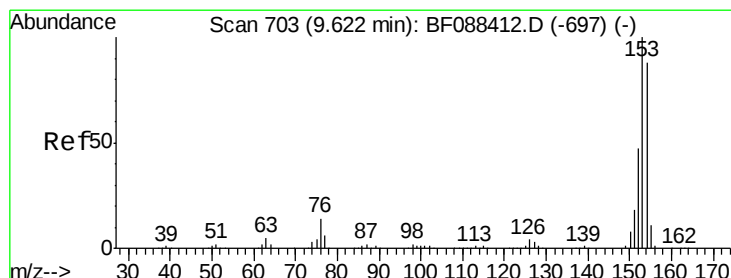
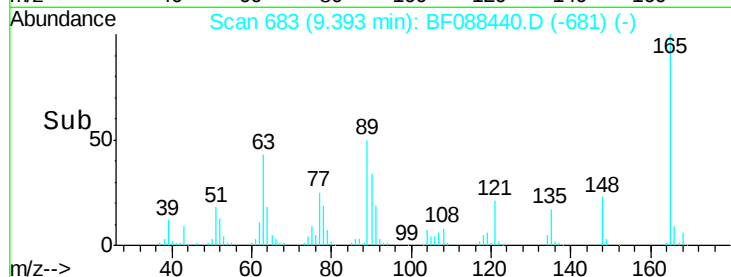
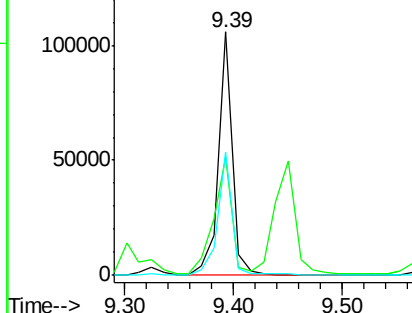
Tot Ion	Ratio	Lower	Upper
165	100		
63	48.4	28.1	42.1#
89	50.6	32.2	48.2#



Abundance Ion 165.00 (164.70 to 165.70): E

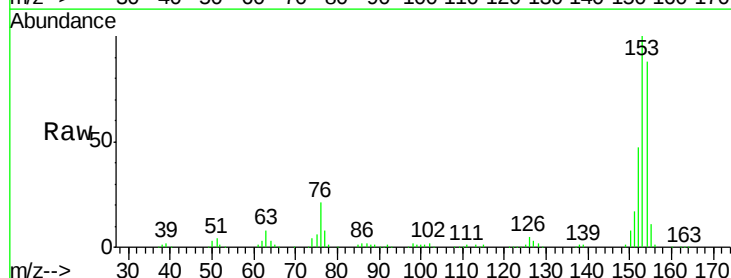
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#51
 Acenaphthene
 Concen: 36.95 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.31 min
 Lab File: BF088440.D
 Acq: 27 Jun 2016 6:30

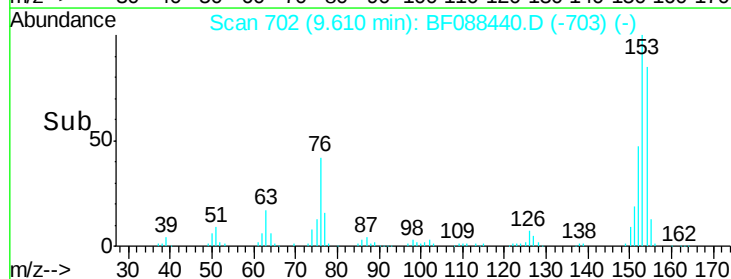
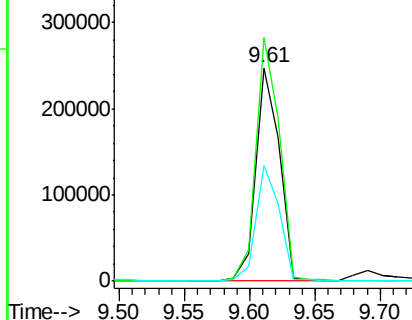
Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.1	89.5	134.3
152	53.9	42.7	64.1

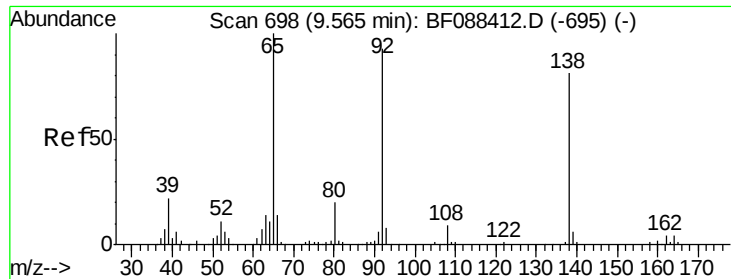


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

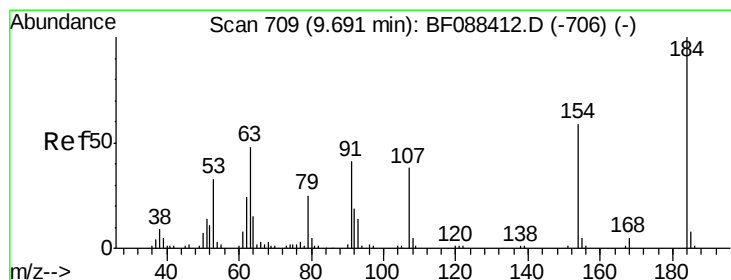
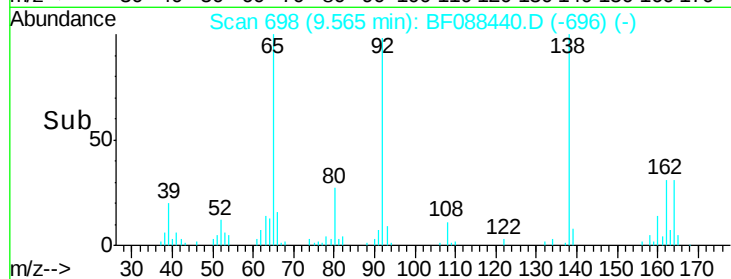
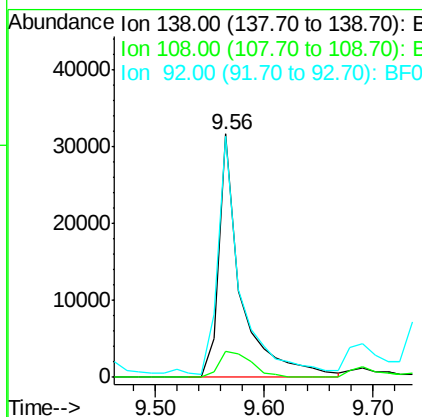
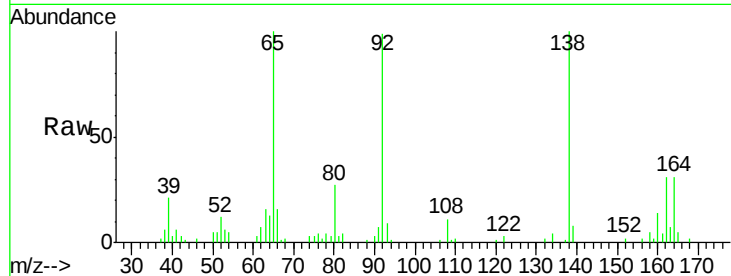




#52
 3-Nitroaniline
 Concen: 17.77 ng
 RT: 9.56 min Scan# 698
 Delta R.T. -0.27 min
 Lab File: BF088440.D
 Acq: 27 Jun 2016 6:30

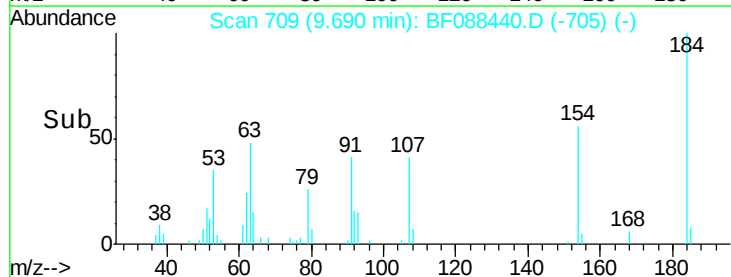
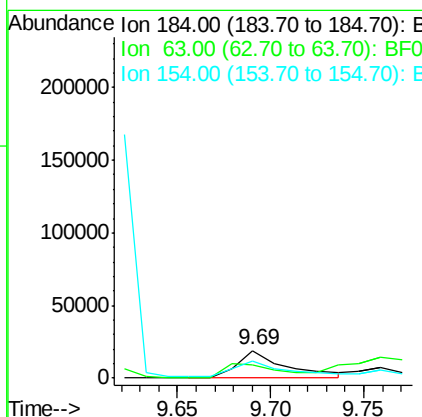
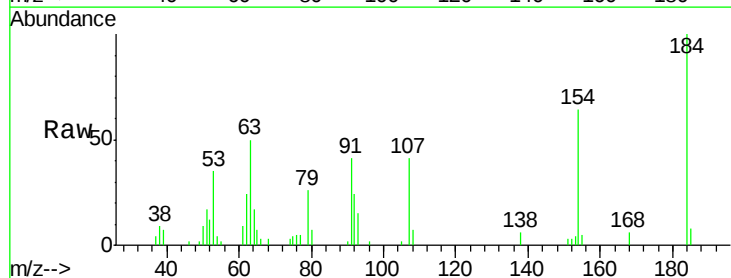
Instrument :
 BNA_F
 ClientSampleId :
 PB91573BS

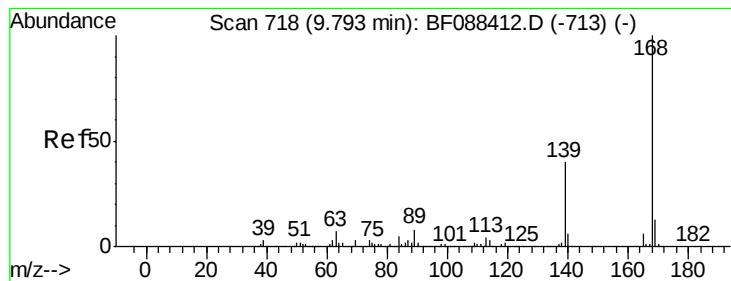
Tot Ion:138 Resp: 45166
 Ion Ratio Lower Upper
 138 100
 108 10.6 8.5 12.7
 92 98.8 95.7 143.5



#53
 2,4-Dinitrophenol
 Concen: 34.72 ng
 RT: 9.69 min Scan# 709
 Delta R.T. -0.25 min
 Lab File: BF088440.D
 Acq: 27 Jun 2016 6:30

Tgt Ion:184 Resp: 34744
 Ion Ratio Lower Upper
 184 100
 63 50.4 57.6 86.4#
 154 64.4 53.5 80.3





#54

Dibenzenofuran

Concen: 40.16 ng

RT: 9.79 min Scan# 718

Delta R.T. -0.30 min

Lab File: BF088440.D

Acq: 27 Jun 2016 6:30

Instrument :

BNA_F

ClientSampleId :

PB91573BS

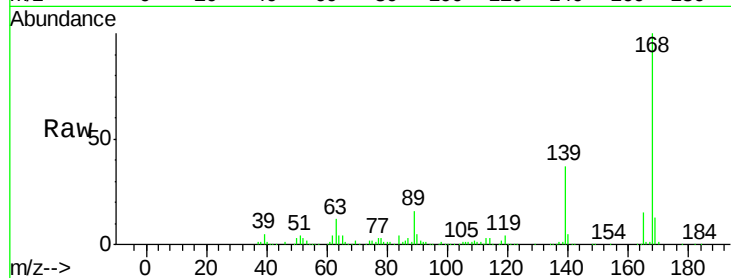
Tot Ion:168 Resp: 471378

Ion Ratio Lower Upper

168 100

139 37.1 26.4 39.6

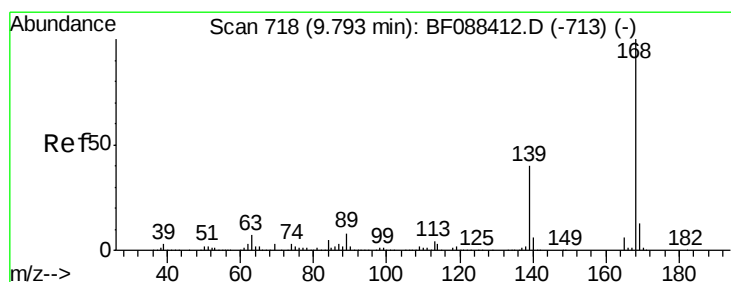
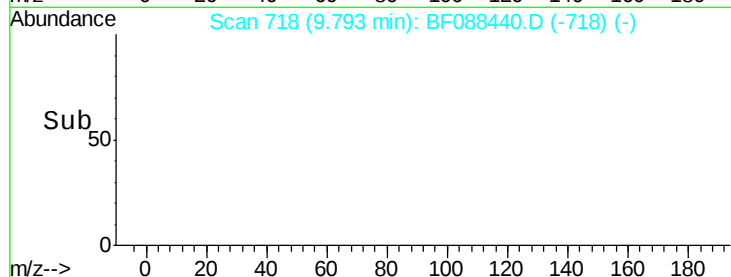
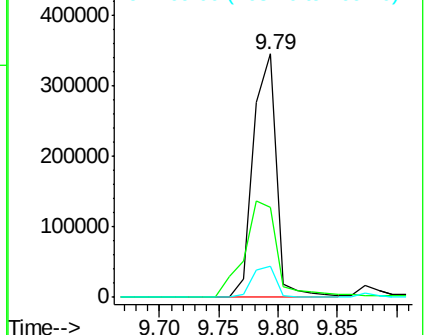
169 12.9 10.4 15.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 142.38 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.22 min

Lab File: BF088440.D

Acq: 27 Jun 2016 6:30

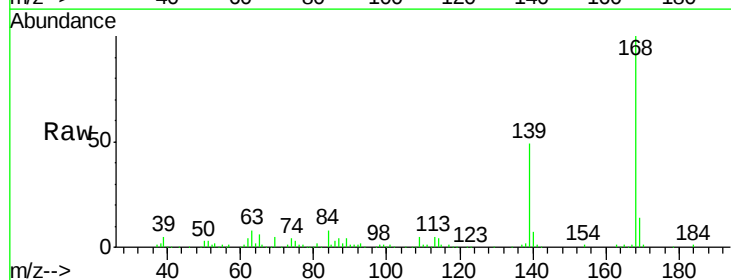
Tgt Ion:139 Resp: 280817

Ion Ratio Lower Upper

139 100

109 9.2 48.9 88.9#

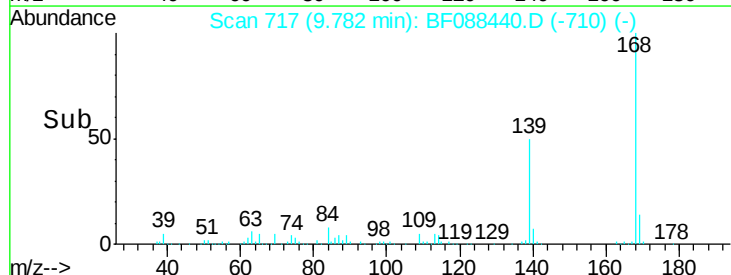
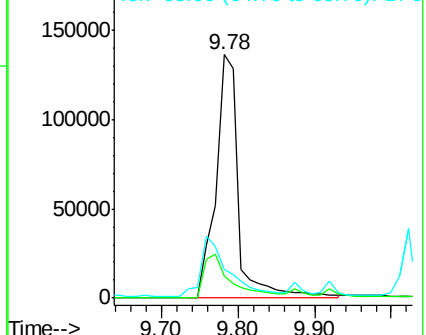
65 11.8 84.9 124.9#

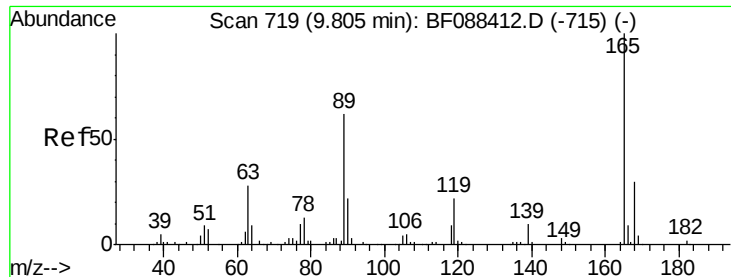


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

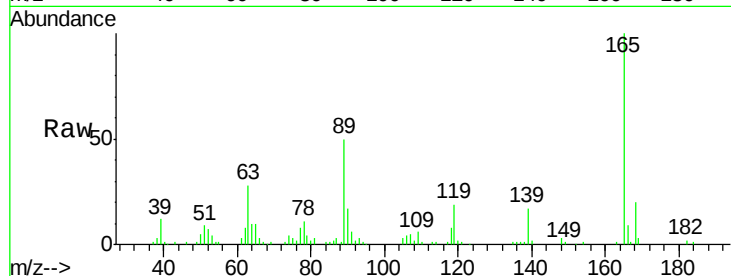




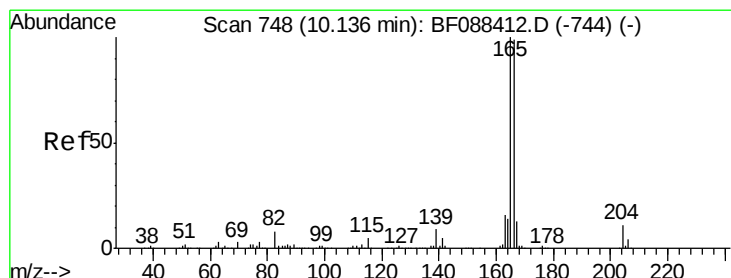
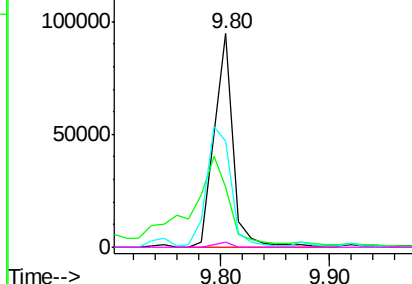
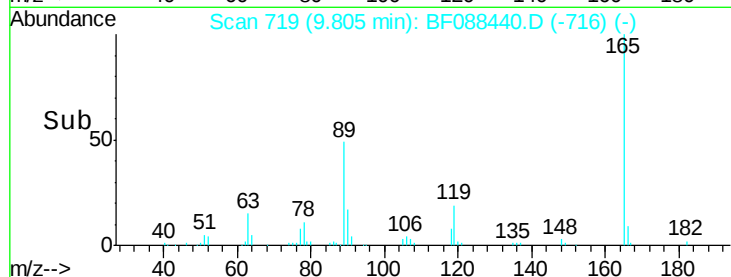
#56
2,4-Dinitrotoluene
Concen: 41.15 ng
RT: 9.80 min Scan# 719
Delta R.T. -0.26 min
Lab File: BF088440.D
Acq: 27 Jun 2016 6:30

Instrument :
BNA_F
ClientSampleId :
PB91573BS

Tot Ion:165	Resp:	116457
Ion Ratio	Lower	Upper
165	100	
63	28.5	22.0 33.0
89	49.9	41.1 61.7
182	2.4	2.0 3.0

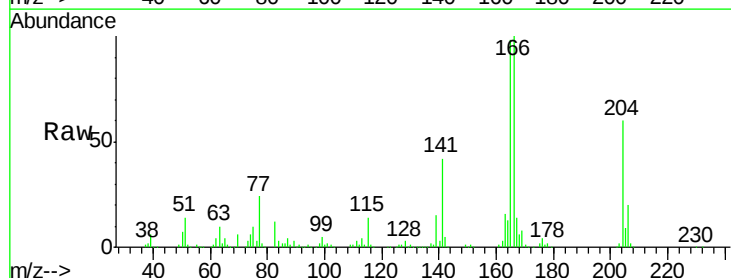


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

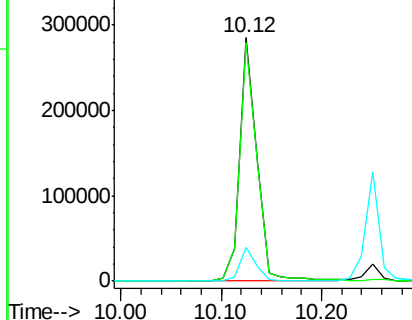
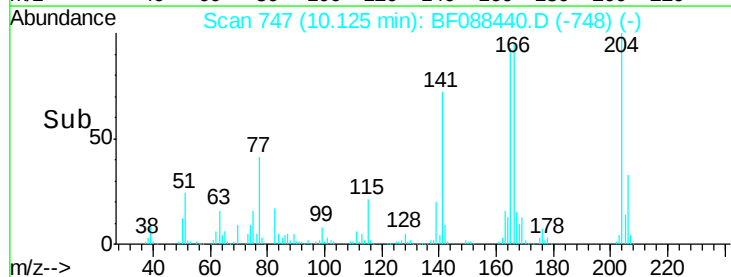


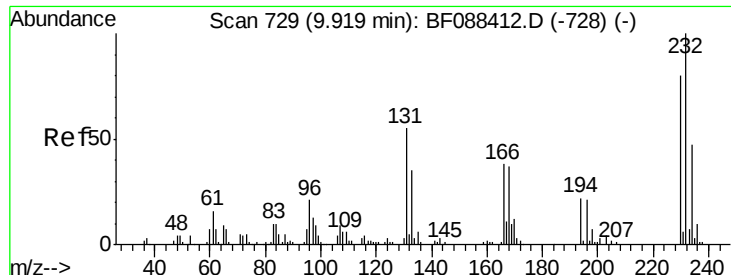
#57
Fluorene
Concen: 42.01 ng
RT: 10.12 min Scan# 747
Delta R.T. -0.31 min
Lab File: BF088440.D
Acq: 27 Jun 2016 6:30

Tgt Ion:166	Resp:	335802
Ion Ratio	Lower	Upper
166	100	
165	98.1	77.8 116.8
167	14.0	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

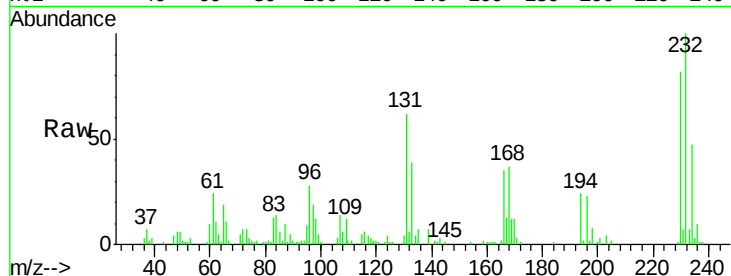




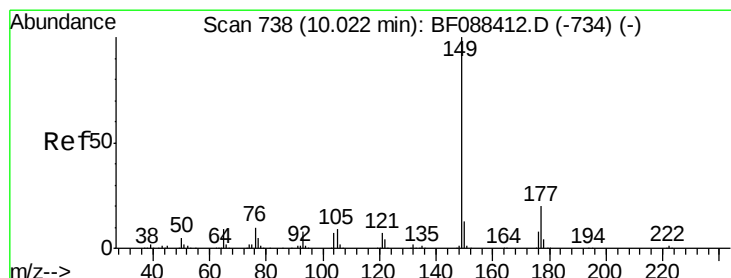
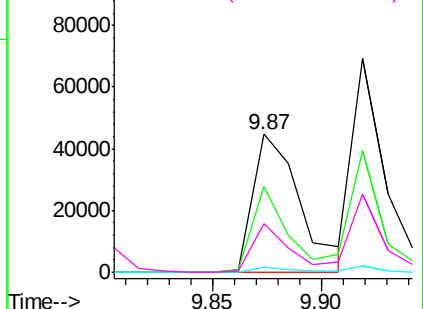
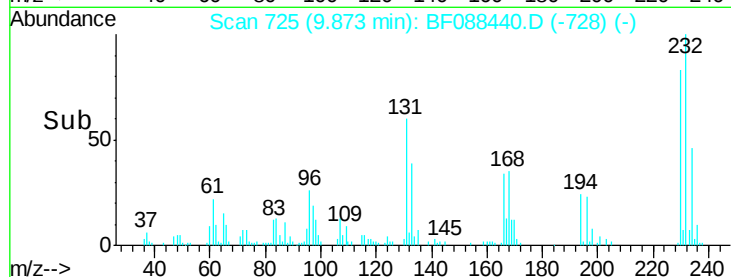
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 31.10 ng
 RT: 9.87 min Scan# 725
 Delta R.T. -0.33 min
 Lab File: BF088440.D
 Acq: 27 Jun 2016 6:30

Instrument :
 BNA_F
 ClientSampleId :
 PB91573BS

Tot Ion:232 Resp: 67507
 Ion Ratio Lower Upper
 232 100
 131 45.3 0.9 1.3#
 130 3.0 1.5 2.3#
 166 27.2 0.5 0.7#

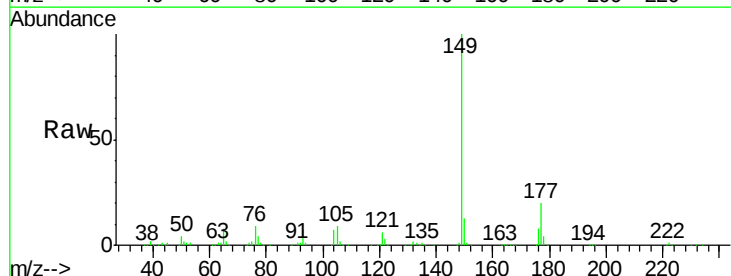


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

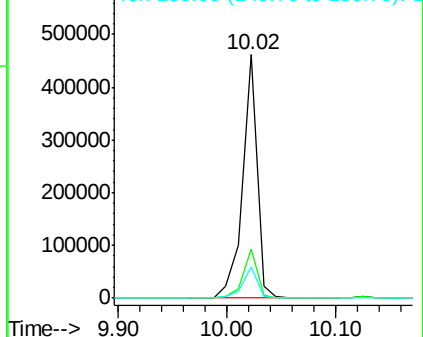
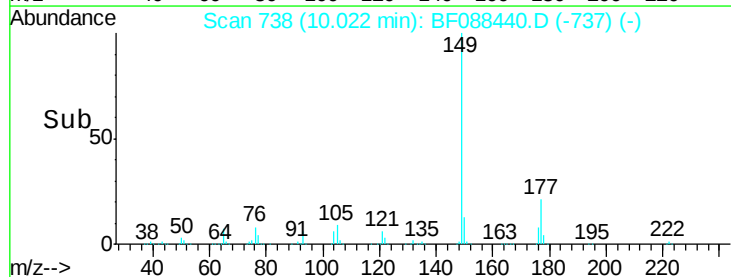


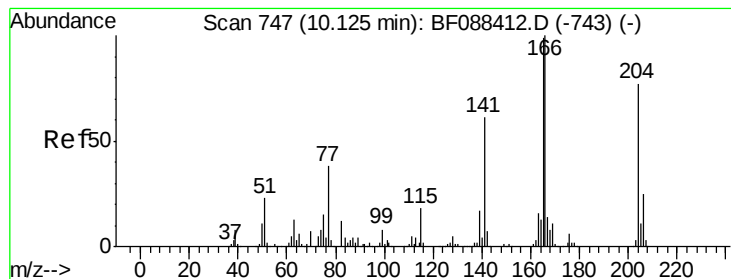
#59
 Diethylphthalate
 Concen: 43.21 ng
 RT: 10.02 min Scan# 738
 Delta R.T. -0.29 min
 Lab File: BF088440.D
 Acq: 27 Jun 2016 6:30

Tgt Ion:149 Resp: 420607
 Ion Ratio Lower Upper
 149 100
 177 20.4 16.9 25.3
 150 12.7 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





#60

4-Chlorophenyl-phenylether

Concen: 41.38 ng

RT: 10.12 min Scan# 747

Delta R.T. -0.30 min

Lab File: BF088440.D

Acq: 27 Jun 2016 6:30

Instrument :

BNA_F

ClientSampleId :

PB91573BS

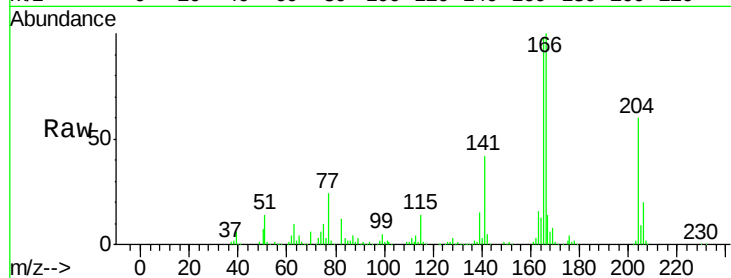
Tot Ion:204 Resp: 161536

Ion Ratio Lower Upper

204 100

206 32.8 26.3 39.5

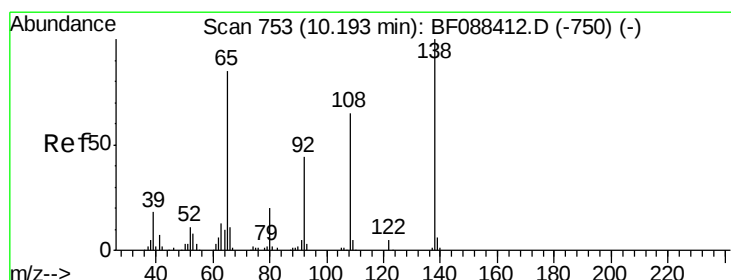
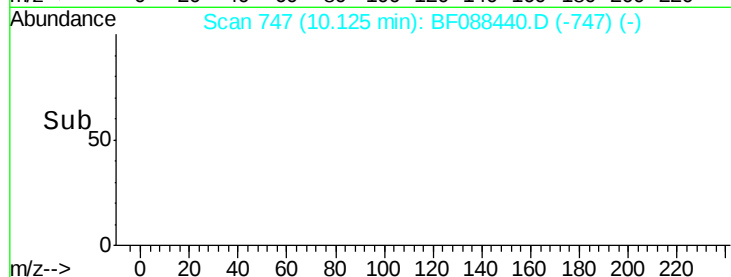
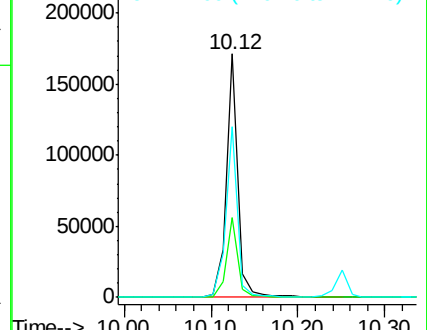
141 70.0 55.0 82.6



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#61

4-Nitroaniline

Concen: 31.92 ng

RT: 10.18 min Scan# 752

Delta R.T. -0.27 min

Lab File: BF088440.D

Acq: 27 Jun 2016 6:30

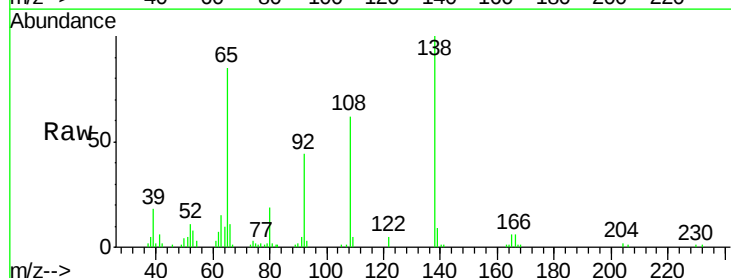
Tgt Ion:138 Resp: 76936

Ion Ratio Lower Upper

138 100

92 43.5 27.3 67.3

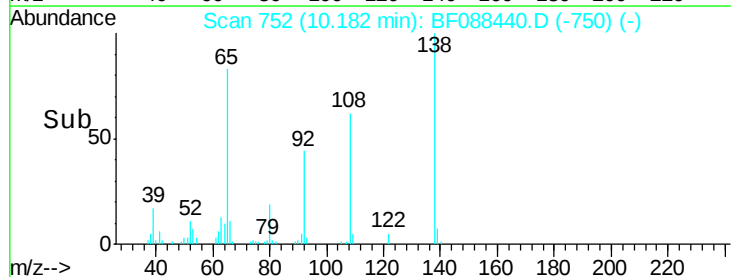
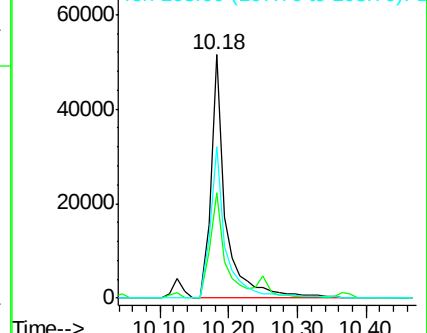
108 62.0 46.7 86.7

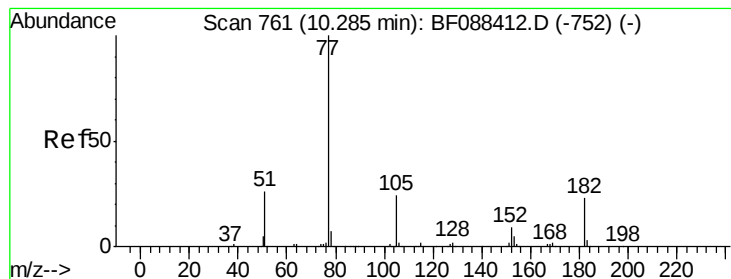


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 42.22 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.30 min

Lab File: BF088440.D

Acq: 27 Jun 2016 6:30

Instrument :

BNA_F

ClientSampleId :

PB91573BS

Tot Ion: 77 Resp: 406359

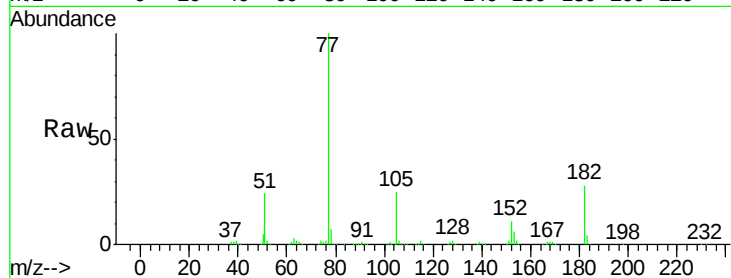
Ion Ratio Lower Upper

77 100

182 27.7 4.4 44.4

105 24.7 3.8 43.8

51 24.2 9.3 49.3

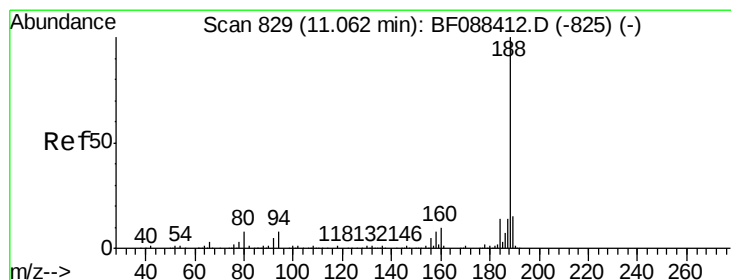
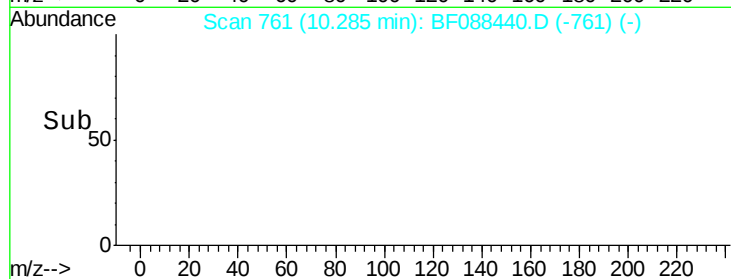
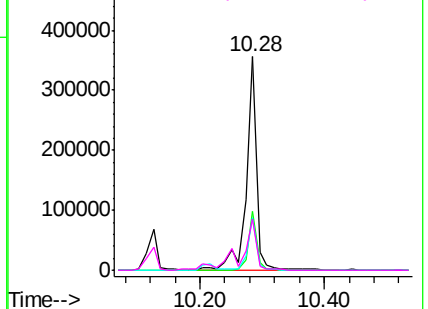


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.05 min Scan# 828

Delta R.T. -0.31 min

Lab File: BF088440.D

Acq: 27 Jun 2016 6:30

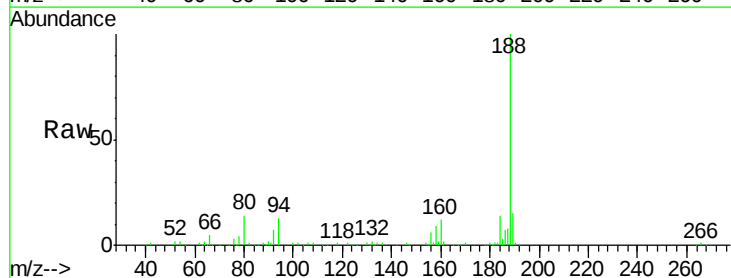
Tgt Ion: 188 Resp: 231521

Ion Ratio Lower Upper

188 100

94 13.1 9.0 13.6

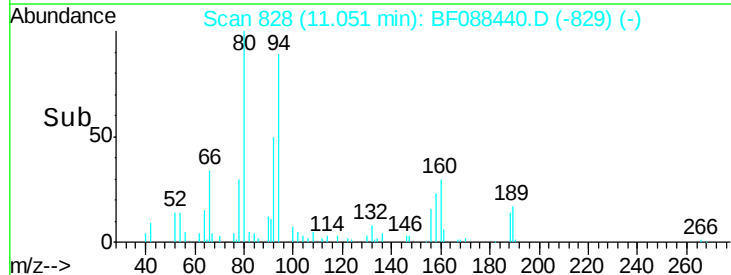
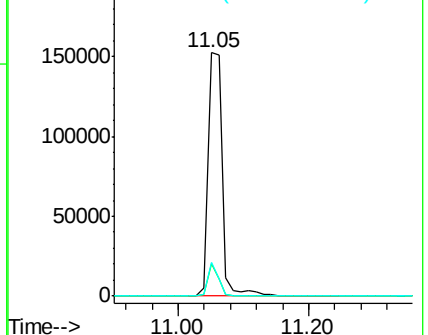
80 13.9 10.0 15.0

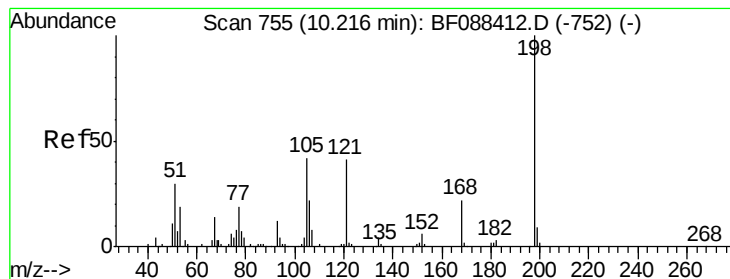


Abundance Ion 188.00 (187.70 to 188.70): E

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: 26.49 ng

RT: 10.22 min Scan# 755

Delta R.T. -0.26 min

Lab File: BF088440.D

Acq: 27 Jun 2016 6:30

Instrument :

BNA_F

ClientSampleId :

PB91573BS

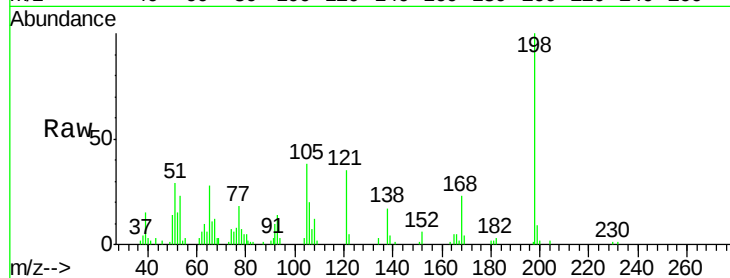
Tot Ion:198 Resp: 36827

Ion Ratio Lower Upper

198 100

51 28.6 39.6 79.6#

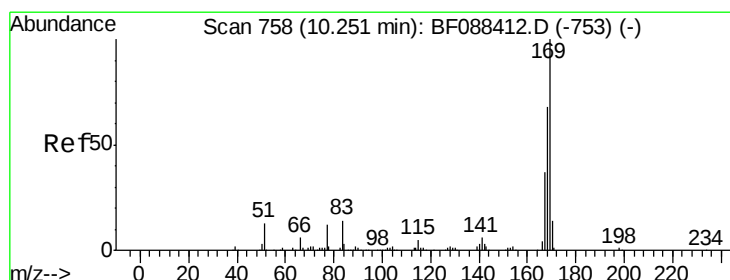
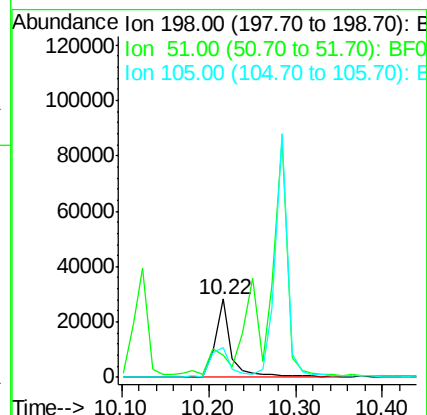
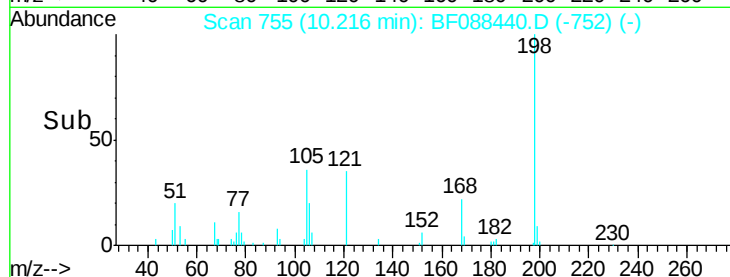
105 38.2 36.6 76.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 45.01 ng

RT: 10.25 min Scan# 758

Delta R.T. -0.30 min

Lab File: BF088440.D

Acq: 27 Jun 2016 6:30

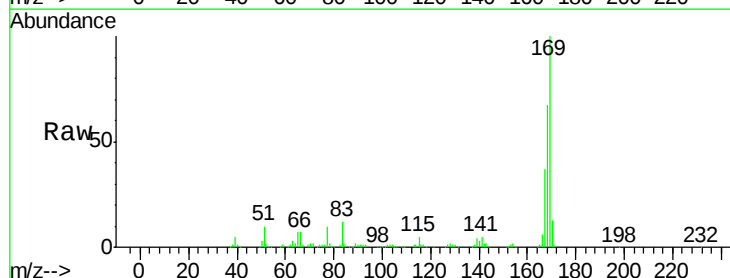
Tgt Ion:169 Resp: 345796

Ion Ratio Lower Upper

169 100

168 67.2 53.4 80.0

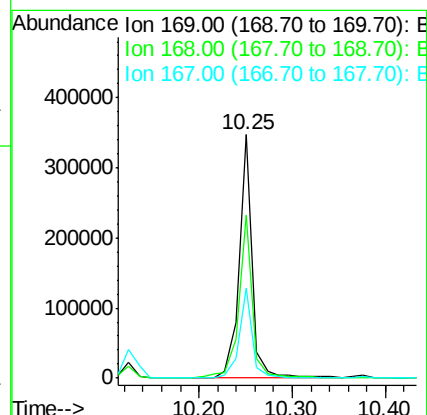
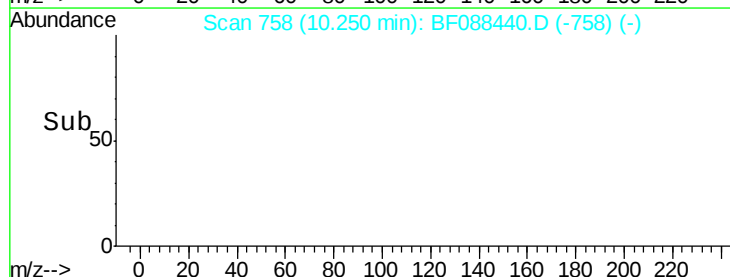
167 36.9 29.4 44.0

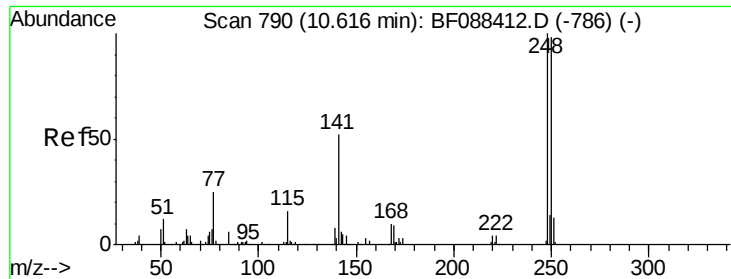


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

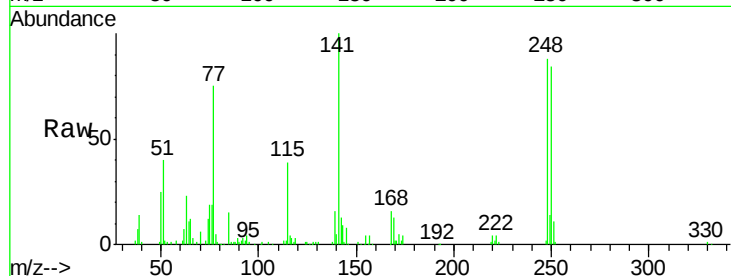




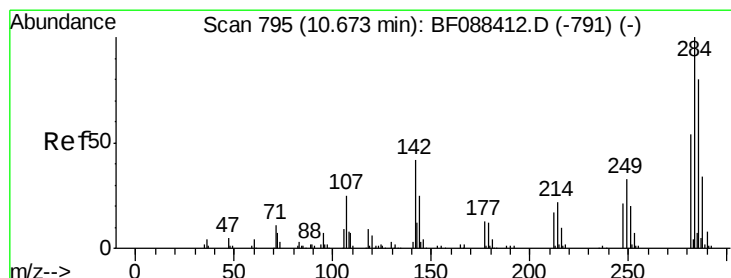
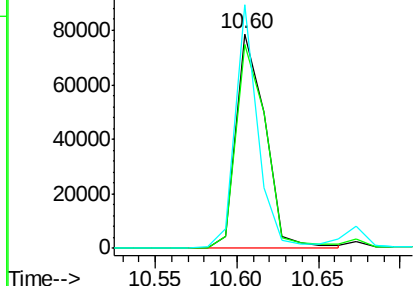
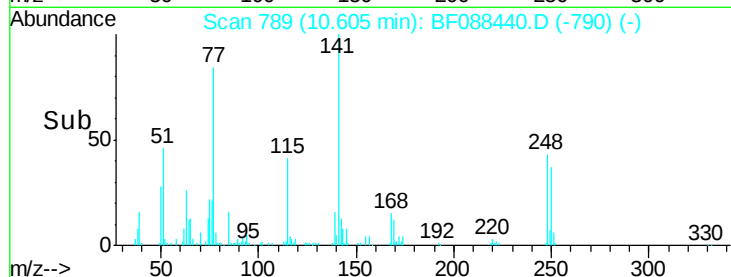
#66
4-Bromophenyl-phenylether
Concen: 39.32 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.31 min
Lab File: BF088440.D
Acq: 27 Jun 2016 6:30

Instrument :
BNA_F
ClientSampleId :
PB91573BS

Tot Ion:248 Resp: 97662
Ion Ratio Lower Upper
248 100
250 95.3 77.1 115.7
141 113.5 50.6 76.0#

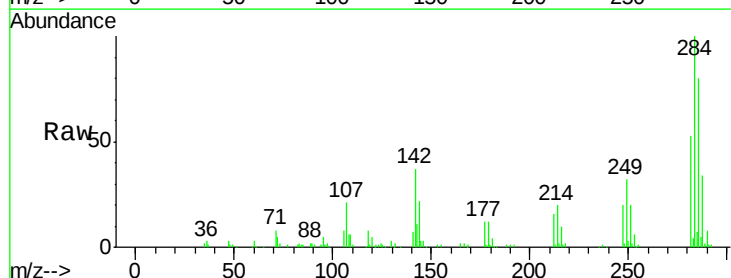


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

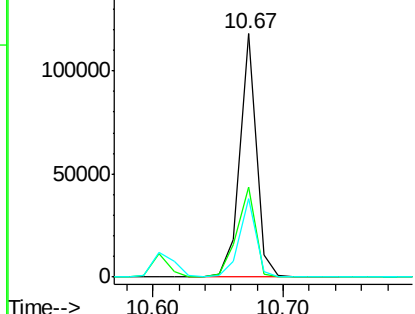
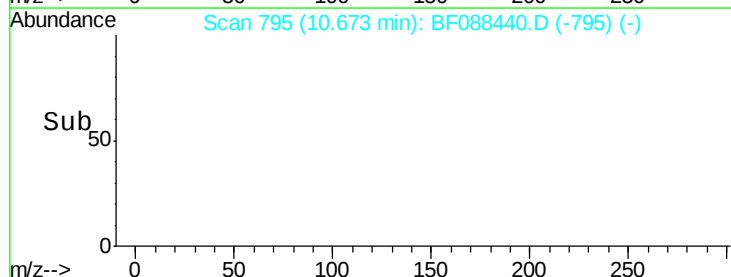


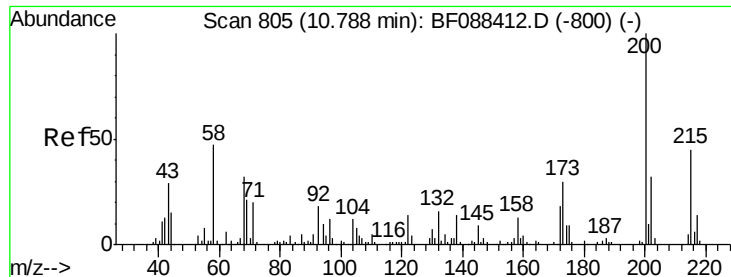
#67
Hexachlorobenzene
Concen: 40.01 ng
RT: 10.67 min Scan# 795
Delta R.T. -0.30 min
Lab File: BF088440.D
Acq: 27 Jun 2016 6:30

Tgt Ion:284 Resp: 103249
Ion Ratio Lower Upper
284 100
142 36.9 35.8 53.8
249 32.2 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: 46.42 ng

RT: 10.79 min Scan# 805

Delta R.T. -0.29 min

Lab File: BF088440.D

Acq: 27 Jun 2016 6:30

Instrument :

BNA_F

ClientSampleId :

PB91573BS

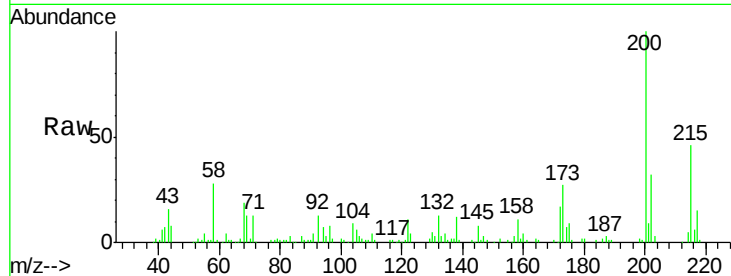
Tot Ion:200 Resp: 107985

Ion Ratio Lower Upper

200 100

173 27.2 4.0 44.0

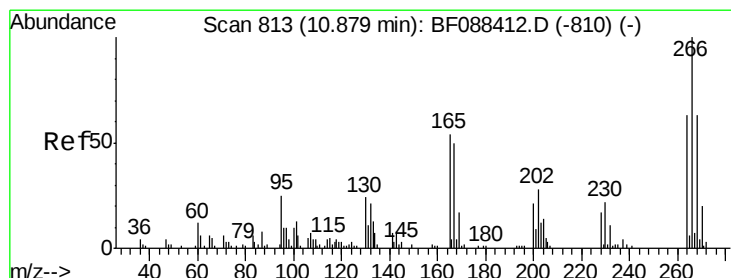
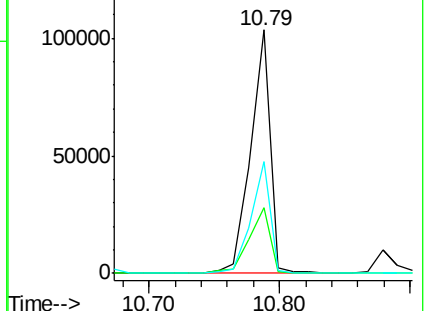
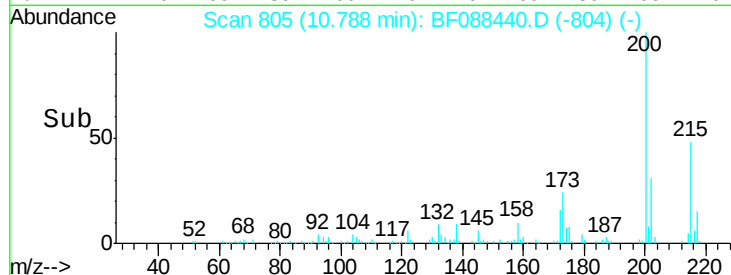
215 45.9 29.3 69.3



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: 55.21 ng

RT: 10.88 min Scan# 813

Delta R.T. -0.29 min

Lab File: BF088440.D

Acq: 27 Jun 2016 6:30

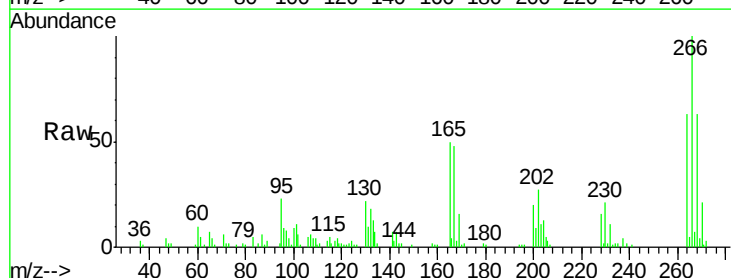
Tgt Ion:266 Resp: 75100

Ion Ratio Lower Upper

266 100

268 62.9 52.8 79.2

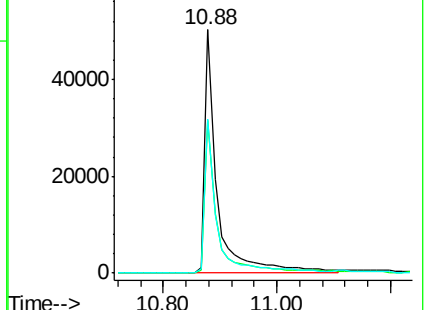
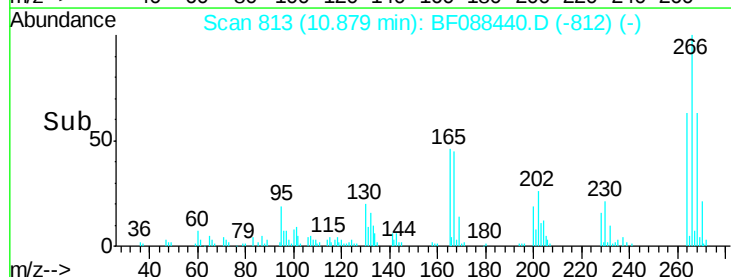
264 63.1 49.6 74.4

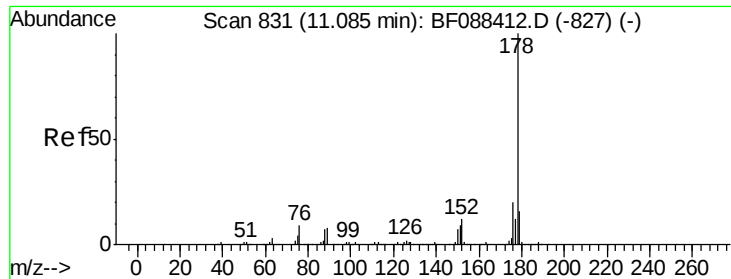


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

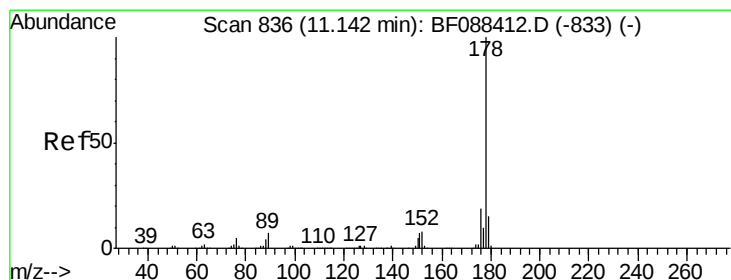
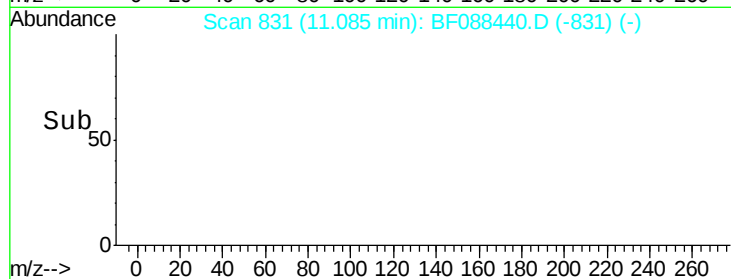
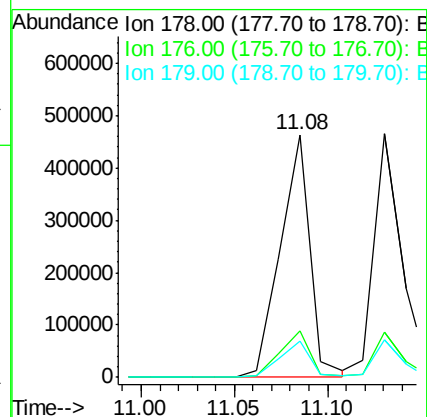
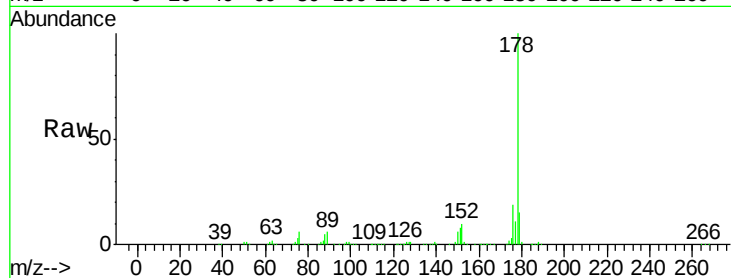




#70
Phenanthrene
Concen: 42.09 ng
RT: 11.08 min Scan# 831
Delta R.T. -0.30 min
Lab File: BF088440.D
Acq: 27 Jun 2016 6:30

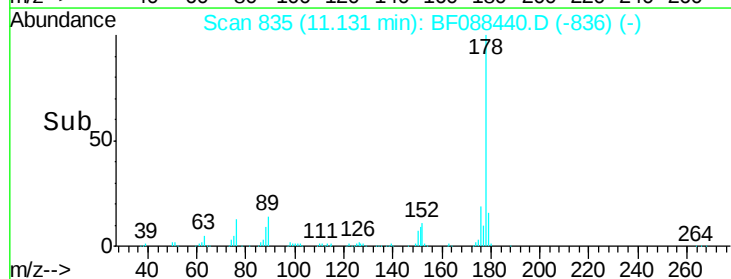
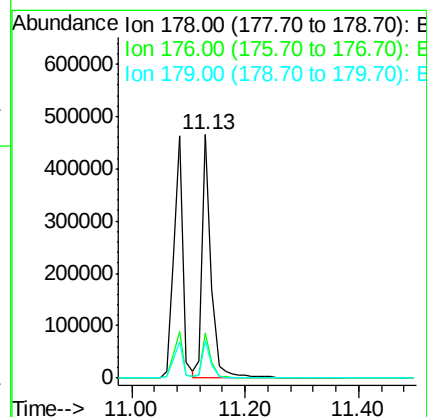
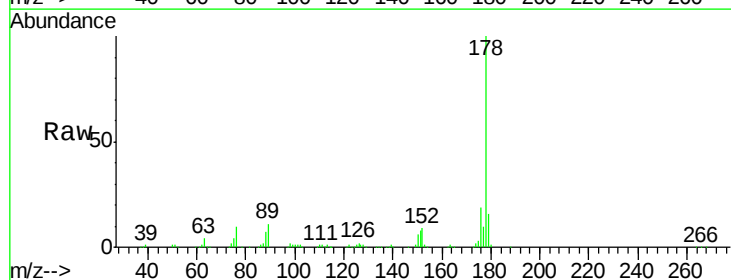
Instrument :
BNA_F
ClientSampleId :
PB91573BS

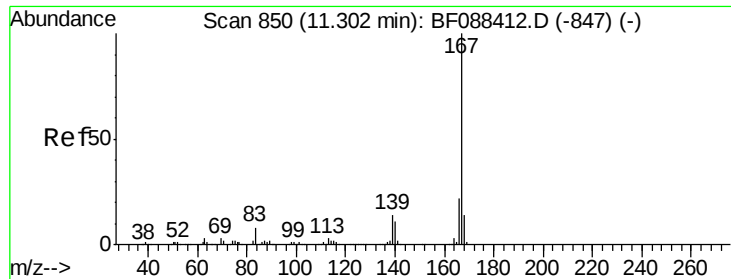
Tot Ion:178 Resp: 511293
Ion Ratio Lower Upper
178 100
176 18.9 15.8 23.6
179 15.1 13.0 19.4



#71
Anthracene
Concen: 41.22 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.31 min
Lab File: BF088440.D
Acq: 27 Jun 2016 6:30

Tgt Ion:178 Resp: 505114
Ion Ratio Lower Upper
178 100
176 18.7 15.6 23.4
179 15.6 12.8 19.2





#72

Carbazole

Concen: 44.14 ng

RT: 11.30 min Scan# 850

Delta R.T. -0.29 min

Lab File: BF088440.D

Acq: 27 Jun 2016 6:30

Instrument :

BNA_F

ClientSampleId :

PB91573BS

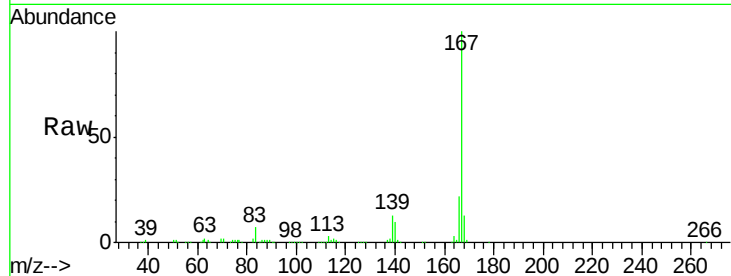
Tot Ion:167 Resp: 506136

Ion Ratio Lower Upper

167 100

166 21.9 17.8 26.6

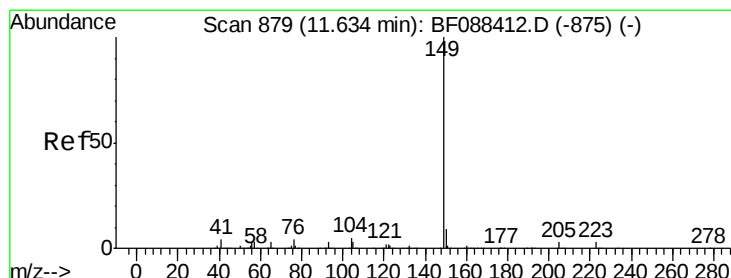
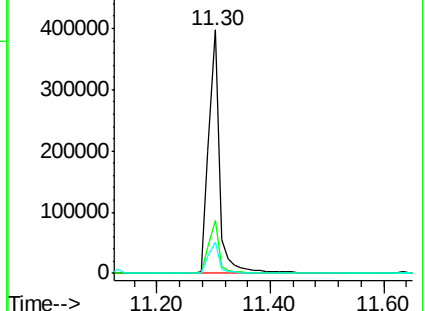
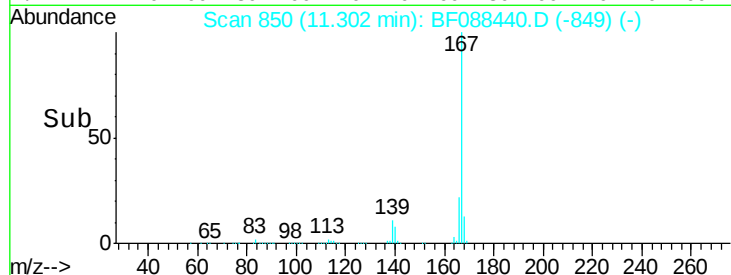
139 12.6 11.2 16.8



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: 45.30 ng

RT: 11.63 min Scan# 879

Delta R.T. -0.30 min

Lab File: BF088440.D

Acq: 27 Jun 2016 6:30

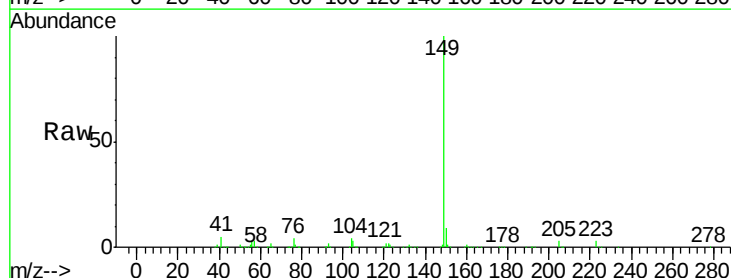
Tgt Ion:149 Resp: 657555

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

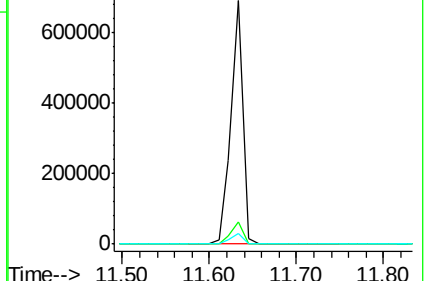
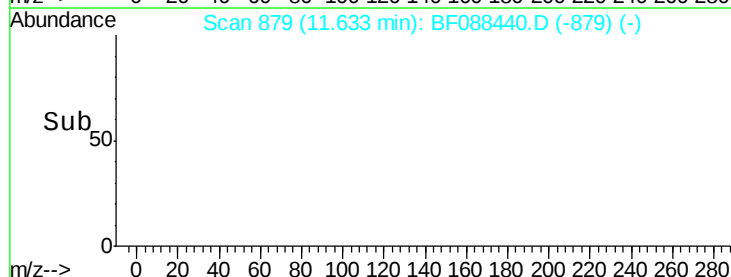
104 4.3 4.0 6.0

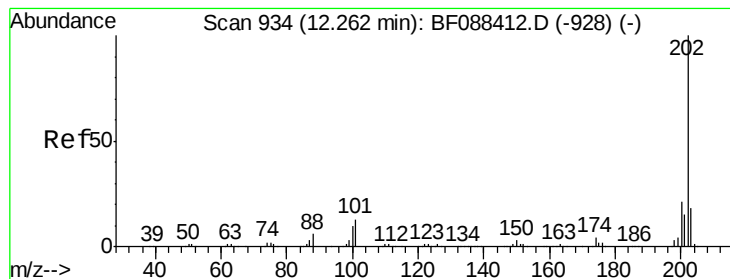


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 37.40 ng

RT: 12.26 min Scan# 934

Delta R.T. -0.31 min

Lab File: BF088440.D

Acq: 27 Jun 2016 6:30

Instrument :

BNA_F

ClientSampleId :

PB91573BS

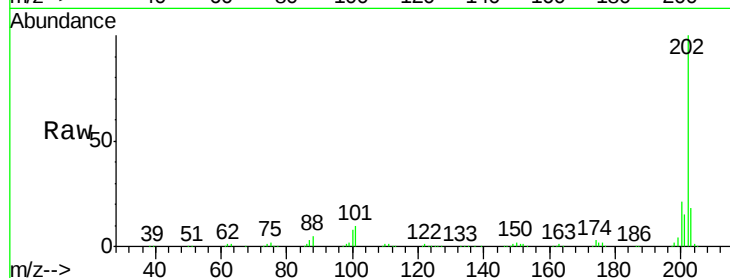
Tot Ion:202 Resp: 479472

Ion Ratio Lower Upper

202 100

101 10.4 0.0 33.1

203 17.6 0.0 38.1



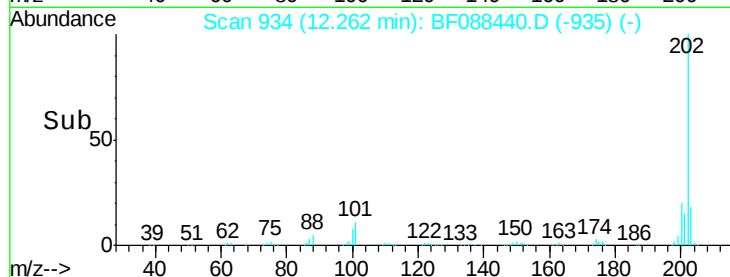
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

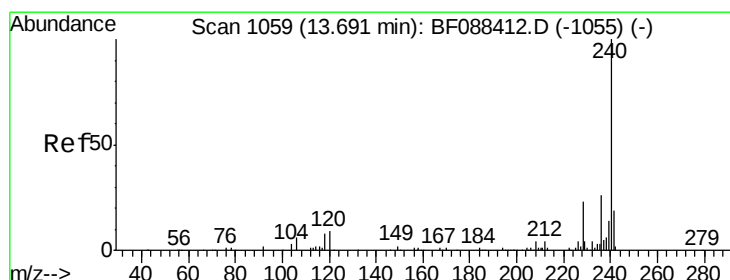
Ion 203.00 (202.70 to 203.70): E

12.26

Time-->



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.68 min Scan# 1058

Delta R.T. -0.31 min

Lab File: BF088440.D

Acq: 27 Jun 2016 6:30

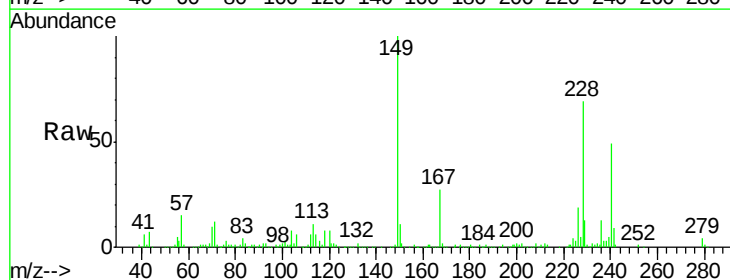
Tgt Ion:240 Resp: 140922

Ion Ratio Lower Upper

240 100

120 17.0 6.8 10.2#

236 25.9 20.2 30.2



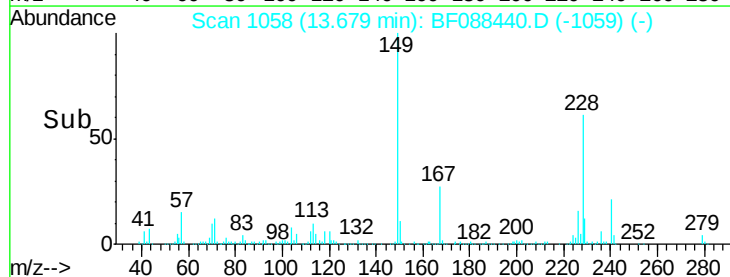
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

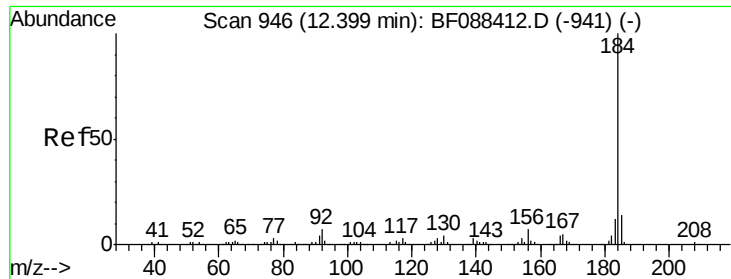
Ion 236.00 (235.70 to 236.70): E

13.68

Time-->



Time-->



#76

Benzidine

Concen: 56.73 ng

RT: 12.40 min Scan# 946

Delta R.T. -0.29 min

Lab File: BF088440.D

Acq: 27 Jun 2016 6:30

Instrument :

BNA_F

ClientSampleId :

PB91573BS

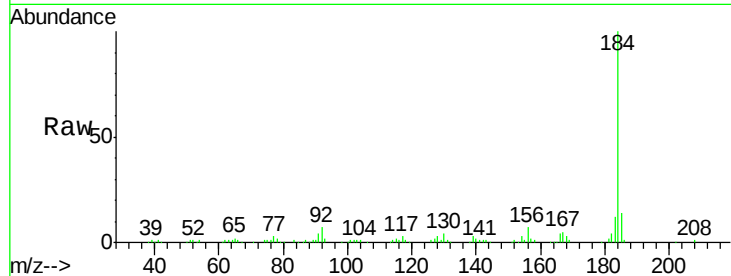
Tot Ion:184 Resp: 221372

Ion Ratio Lower Upper

184 100

185 14.0 12.5 18.7

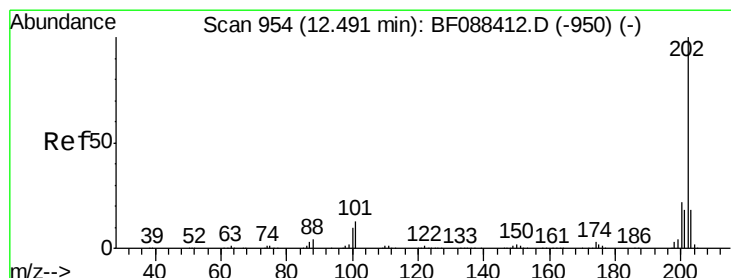
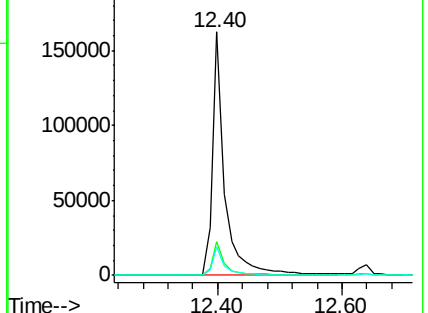
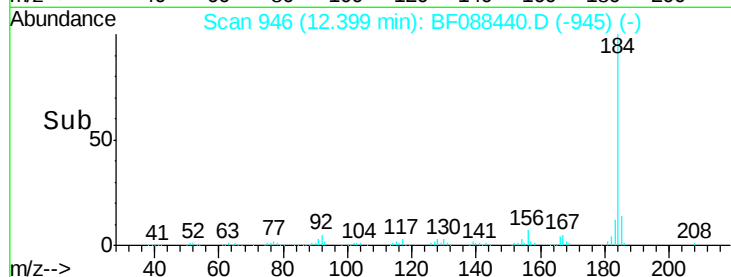
183 11.6 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 42.98 ng

RT: 12.49 min Scan# 954

Delta R.T. -0.31 min

Lab File: BF088440.D

Acq: 27 Jun 2016 6:30

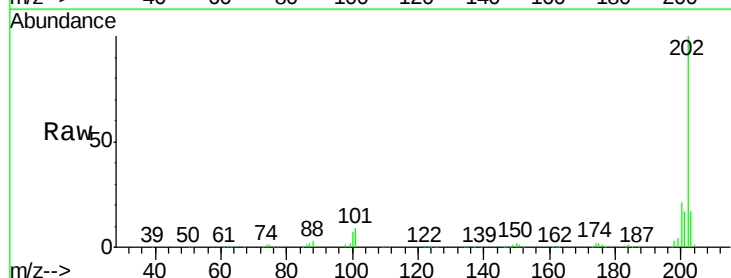
Tgt Ion:202 Resp: 449417

Ion Ratio Lower Upper

202 100

200 21.0 17.4 26.2

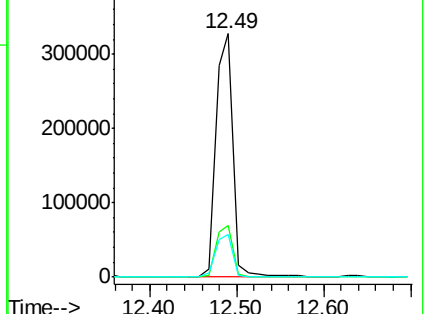
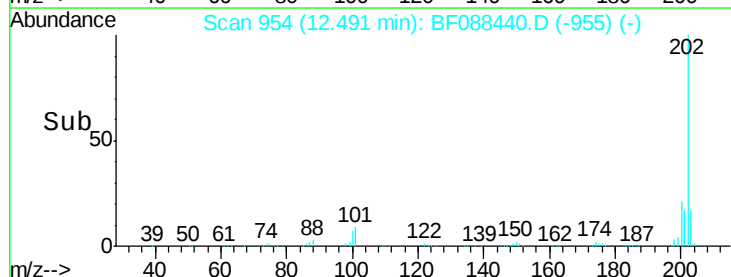
203 17.3 14.5 21.7

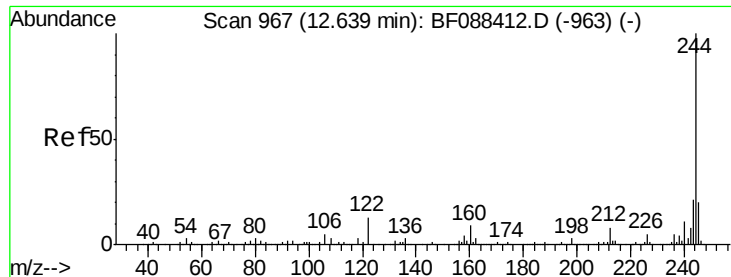


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

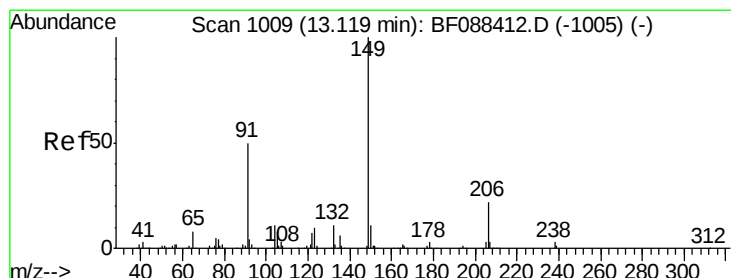
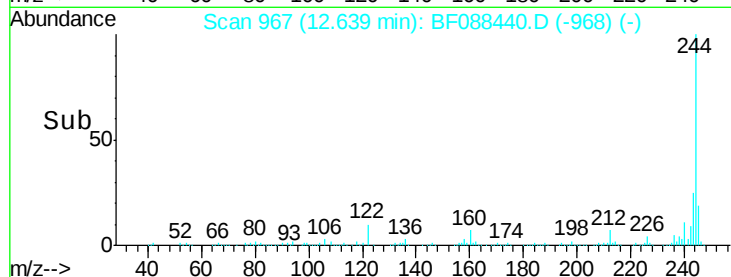
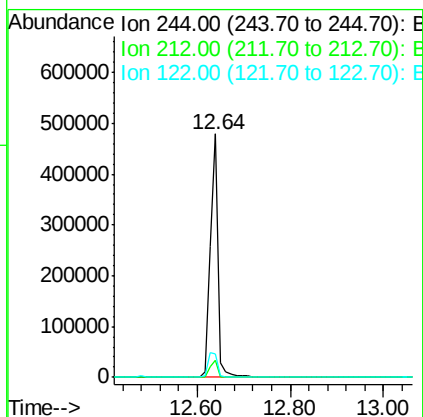
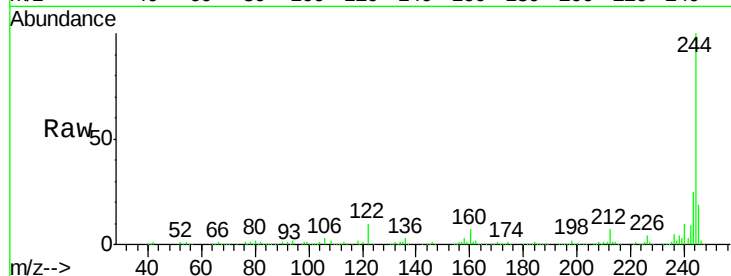




#78
 Terphenyl-d14
 Concen: 90.22 ng
 RT: 12.64 min Scan# 967
 Delta R.T. -0.31 min
 Lab File: BF088440.D
 Acq: 27 Jun 2016 6:30

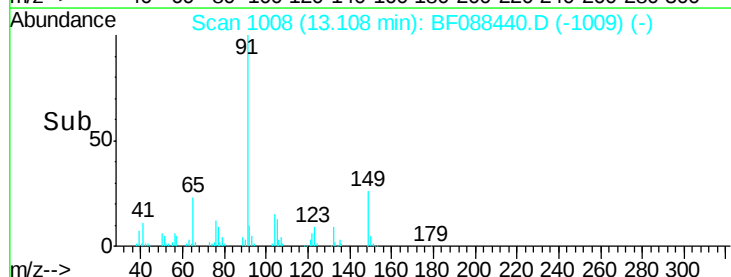
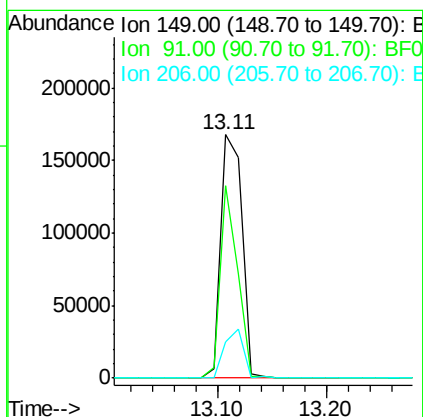
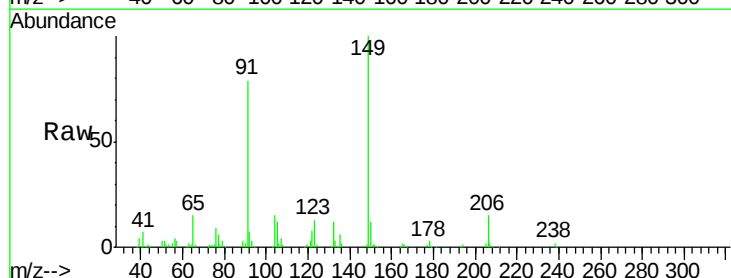
Instrument :
 BNA_F
 ClientSampleId :
 PB91573BS

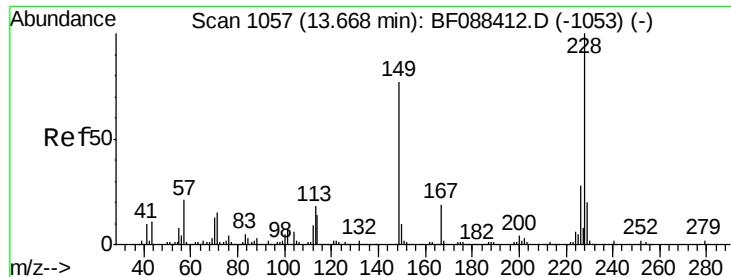
Tot Ion:244 Resp: 558716
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 9.7 11.2 16.8#



#79
 Butylbenzylphthalate
 Concen: 49.26 ng
 RT: 13.11 min Scan# 1008
 Delta R.T. -0.31 min
 Lab File: BF088440.D
 Acq: 27 Jun 2016 6:30

Tgt Ion:149 Resp: 227739
 Ion Ratio Lower Upper
 149 100
 91 79.0 48.0 72.0#
 206 14.7 16.0 24.0#





#80

Benzo(a)anthracene

Concen: 42.25 ng

RT: 13.67 min Scan# 1057

Delta R.T. -0.31 min

Lab File: BF088440.D

Acq: 27 Jun 2016 6:30

Instrument :

BNA_F

ClientSampleId :

PB91573BS

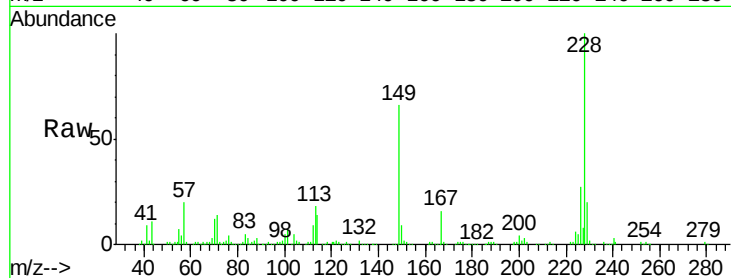
Tot Ion:228 Resp: 339322

Ion Ratio Lower Upper

228 100

226 27.5 22.3 33.5

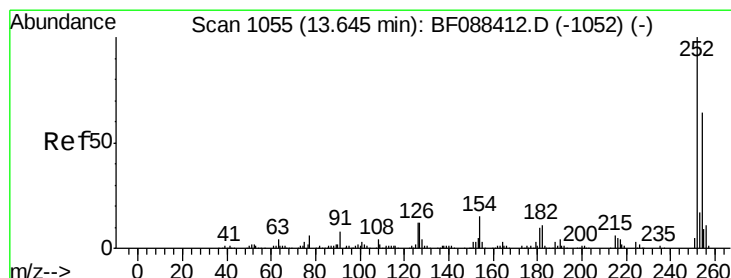
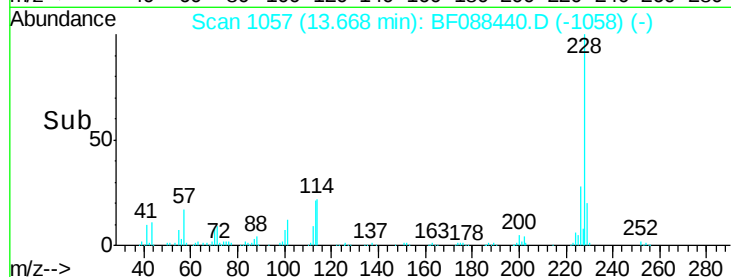
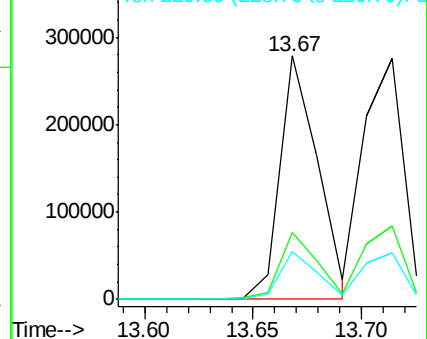
229 19.8 16.0 24.0



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: 45.92 ng

RT: 13.65 min Scan# 1055

Delta R.T. -0.30 min

Lab File: BF088440.D

Acq: 27 Jun 2016 6:30

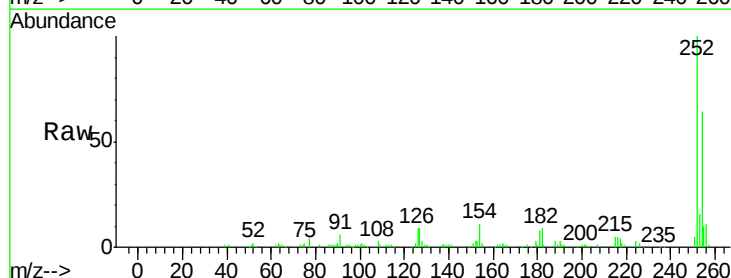
Tgt Ion:252 Resp: 99176

Ion Ratio Lower Upper

252 100

254 64.3 52.6 78.8

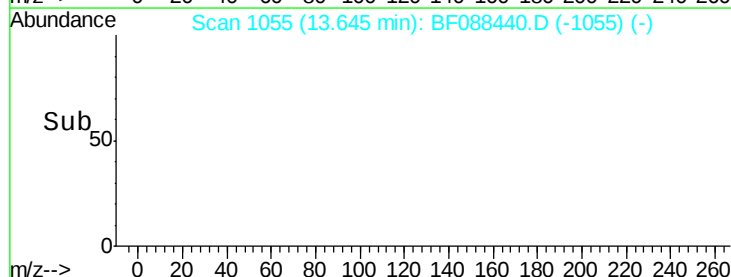
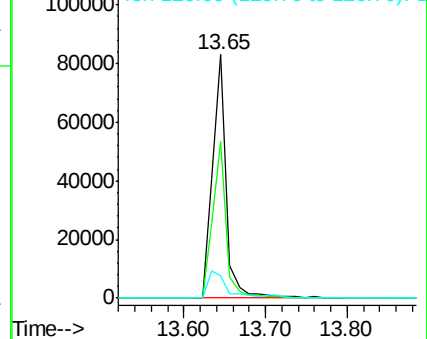
126 9.0 6.2 9.2

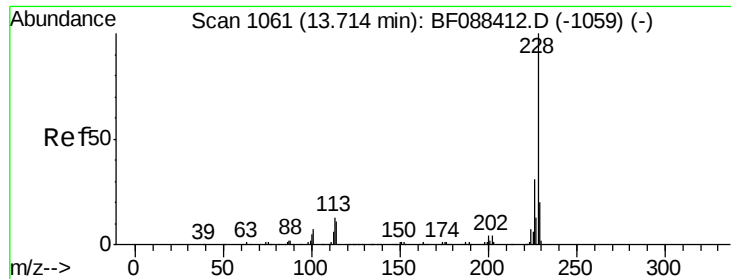


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

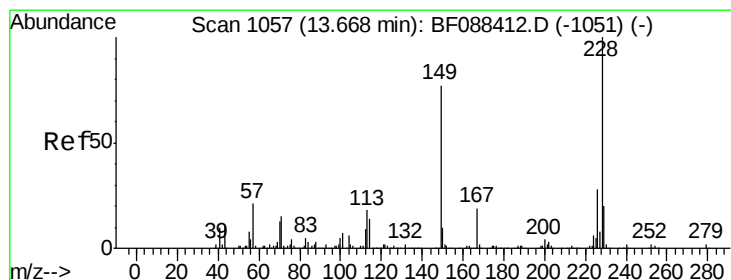
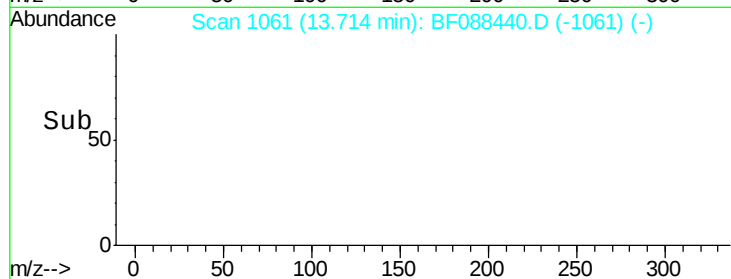
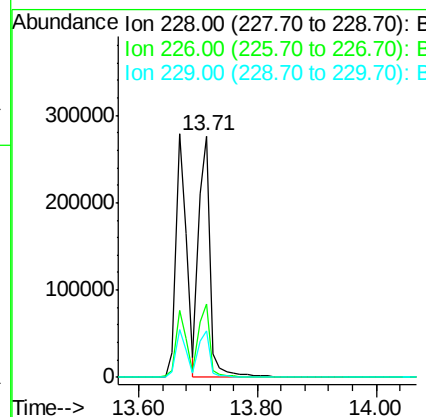
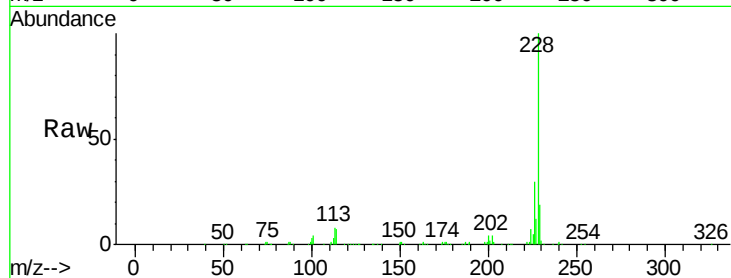




#82
Chrysene
Concen: 49.94 ng
RT: 13.71 min Scan# 1061
Delta R.T. -0.30 min
Lab File: BF088440.D
Acq: 27 Jun 2016 6:30

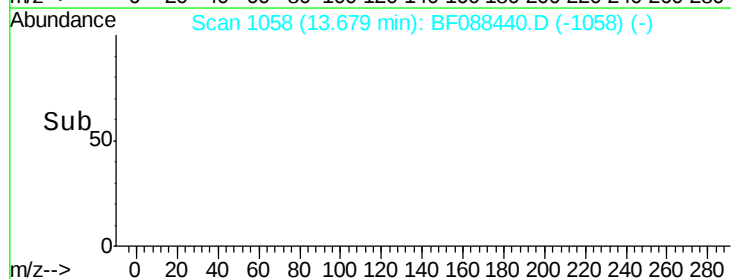
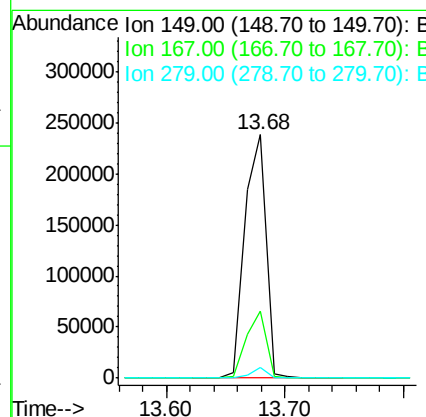
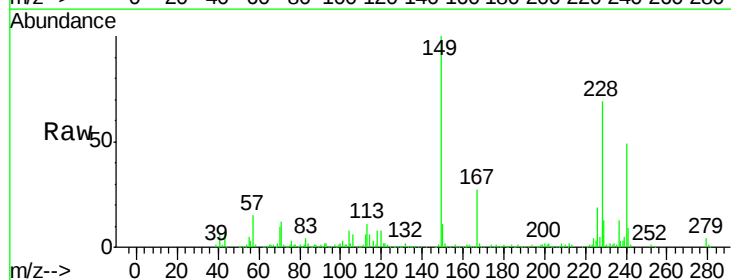
Instrument :
BNA_F
ClientSampleId :
PB91573BS

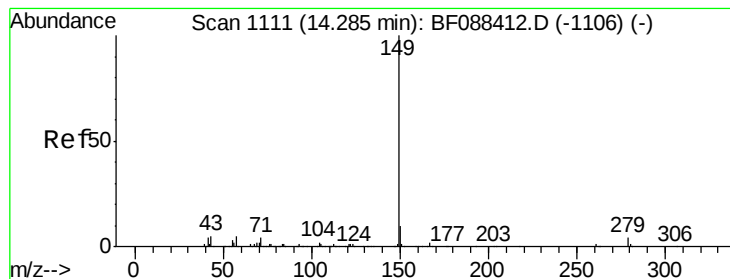
Tot Ion:228 Resp: 377272
Ion Ratio Lower Upper
228 100
226 30.2 25.4 38.2
229 19.1 16.3 24.5



#83
Bis(2-ethylhexyl)phthalate
Concen: 53.06 ng
RT: 13.68 min Scan# 1058
Delta R.T. -0.30 min
Lab File: BF088440.D
Acq: 27 Jun 2016 6:30

Tgt Ion:149 Resp: 298624
Ion Ratio Lower Upper
149 100
167 27.4 20.5 30.7
279 4.3 2.0 3.0#





#84

Di-n-octyl phthalate

Concen: 58.69 ng

RT: 14.29 min Scan# 1111

Delta R.T. -0.30 min

Lab File: BF088440.D

Acq: 27 Jun 2016 6:30

Instrument :

BNA_F

ClientSampleId :

PB91573BS

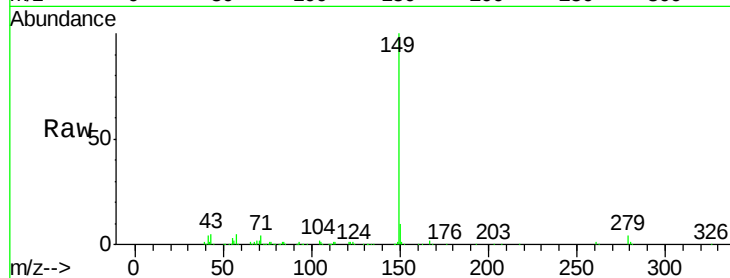
Tot Ion:149 Resp: 536714

Ion Ratio Lower Upper

149 100

167 1.6 0.0 0.0#

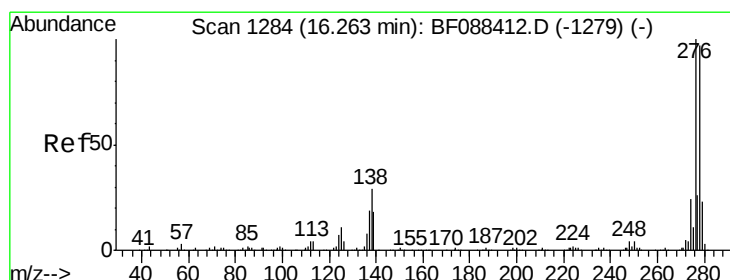
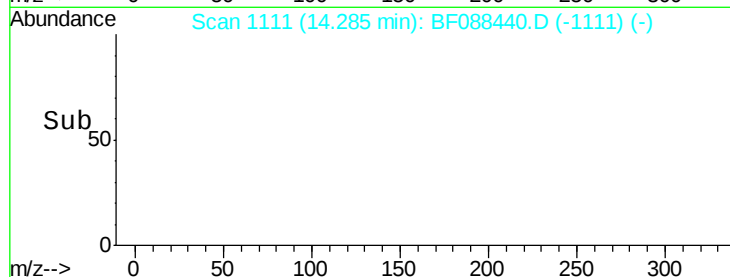
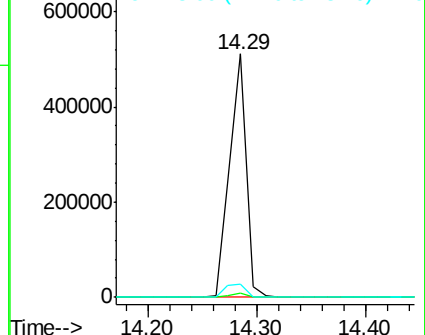
43 7.0 0.0 0.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 41.61 ng

RT: 16.26 min Scan# 1284

Delta R.T. -0.53 min

Lab File: BF088440.D

Acq: 27 Jun 2016 6:30

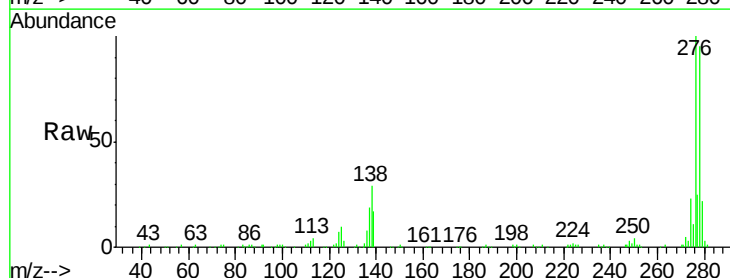
Tgt Ion:276 Resp: 292105

Ion Ratio Lower Upper

276 100

138 30.7 0.0 0.0#

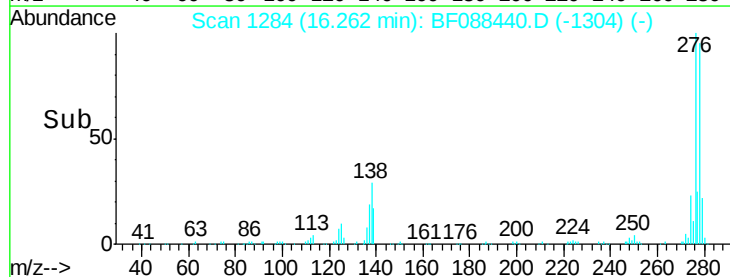
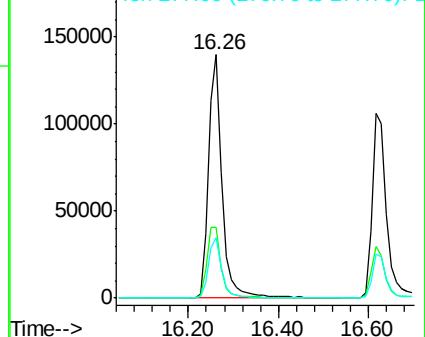
277 24.9 0.0 0.0#

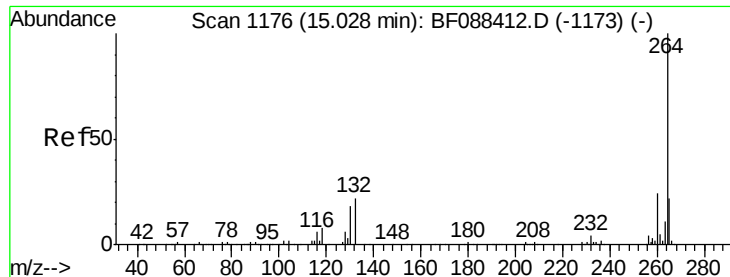


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

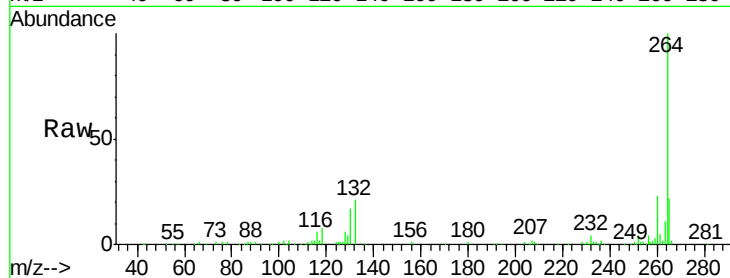




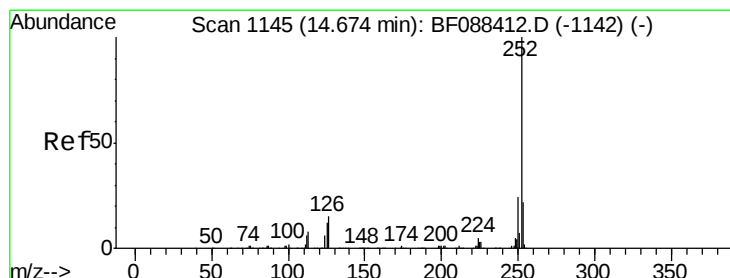
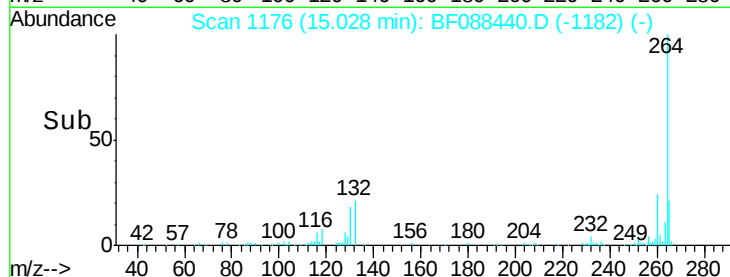
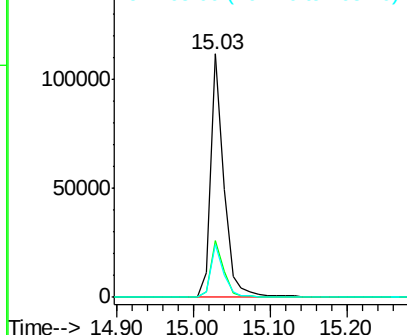
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.03 min Scan# 1176
Delta R.T. -0.37 min
Lab File: BF088440.D
Acq: 27 Jun 2016 6:30

Instrument :
BNA_F
ClientSampled :
PB91573BS

Tot Ion:264 Resp: 132979
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 21.6 16.9 25.3

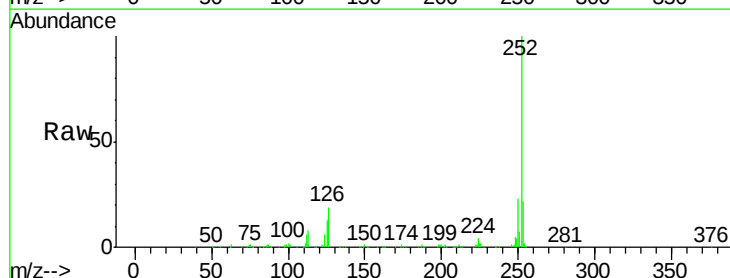


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

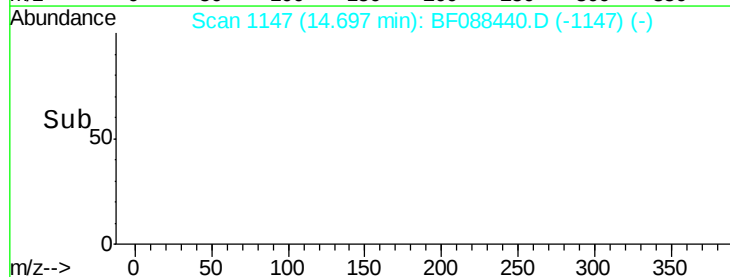
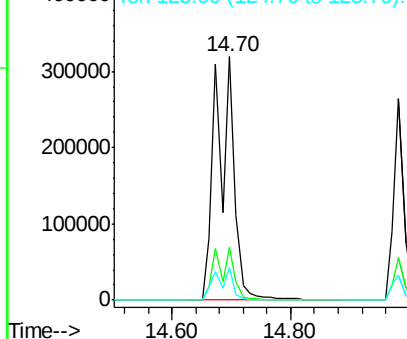


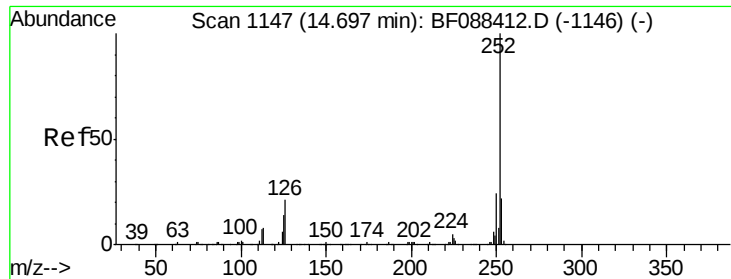
#87
Benzo(b)fluoranthene
Concen: 73.36 ng
RT: 14.70 min Scan# 1147
Delta R.T. -0.30 min
Lab File: BF088440.D
Acq: 27 Jun 2016 6:30

Tgt Ion:252 Resp: 679976
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 13.2 7.1 10.7#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

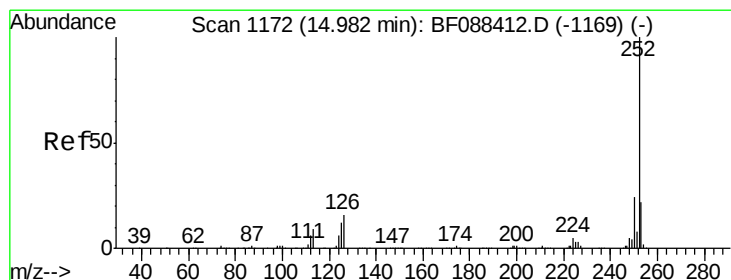
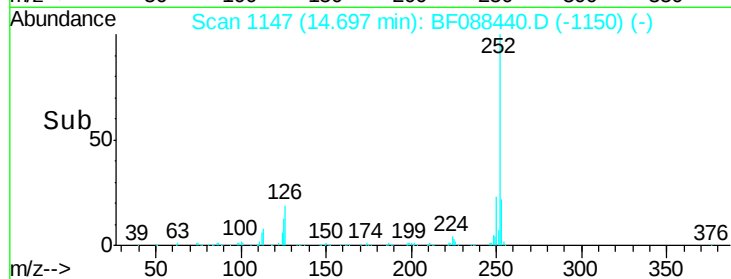
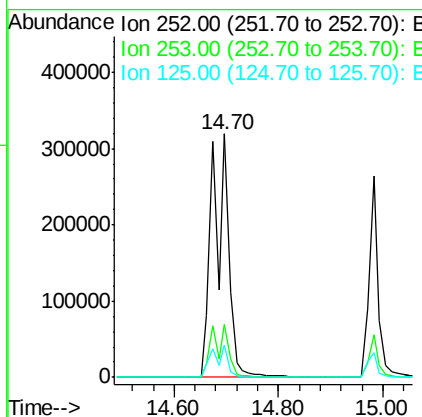
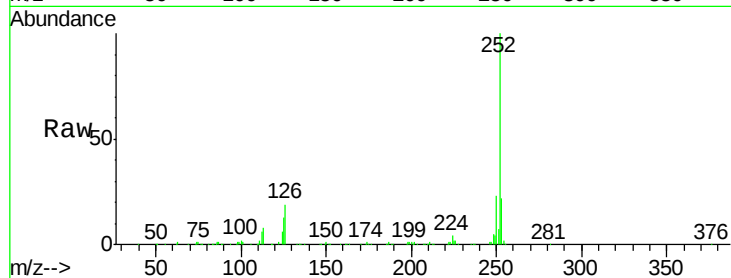




#88
Benzo(k)fluoranthene
Concen: 97.42 ng
RT: 14.70 min Scan# 1147
Delta R.T. -0.33 min
Lab File: BF088440.D
Acq: 27 Jun 2016 6:30

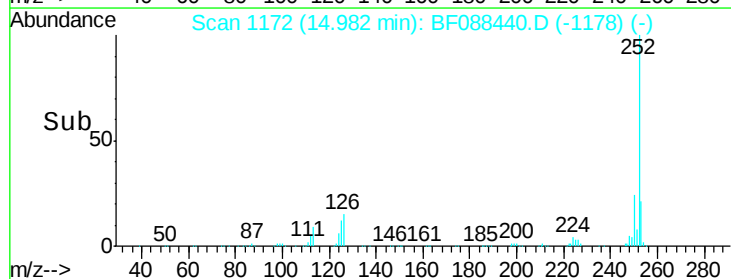
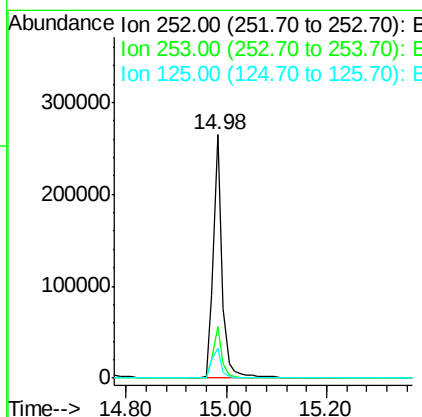
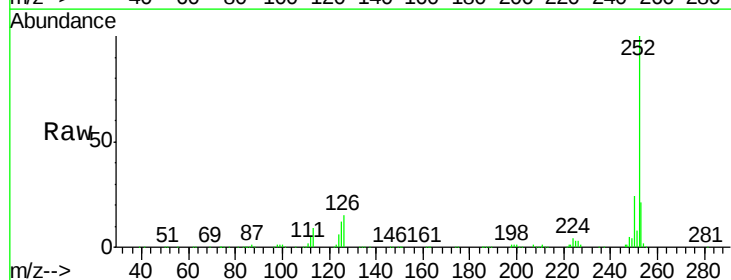
Instrument :
BNA_F
ClientSampleId :
PB91573BS

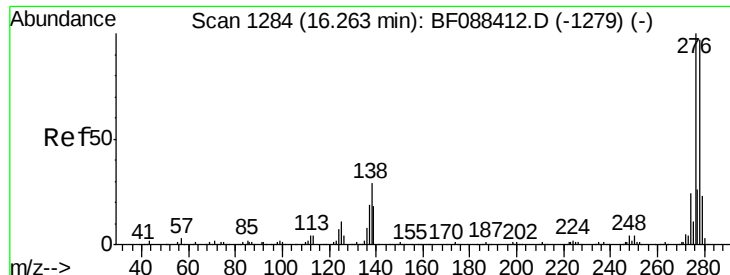
Tot Ion:252 Resp: 681121
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 13.2 11.2 16.8



#89
Benzo(a)pyrene
Concen: 42.96 ng
RT: 14.98 min Scan# 1172
Delta R.T. -0.37 min
Lab File: BF088440.D
Acq: 27 Jun 2016 6:30

Tgt Ion:252 Resp: 322147
Ion Ratio Lower Upper
252 100
253 21.4 17.9 26.9
125 12.0 12.5 18.7#





#90

Dibenzo(a,h)anthracene

Concen: 36.26 ng

RT: 16.26 min Scan# 1284

Delta R.T. -0.54 min

Lab File: BF088440.D

Acq: 27 Jun 2016 6:30

Instrument :

BNA_F

ClientSampleId :

PB91573BS

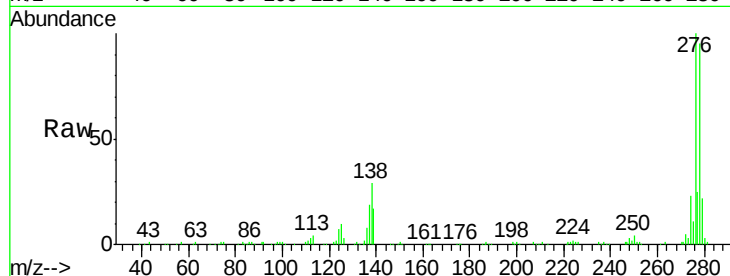
Tot Ion:278 Resp: 252511

Ion Ratio Lower Upper

278 100

139 18.4 15.7 23.5

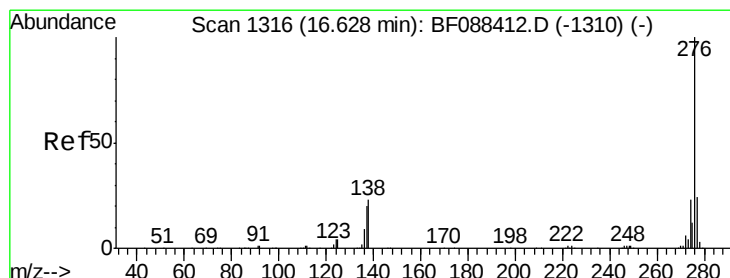
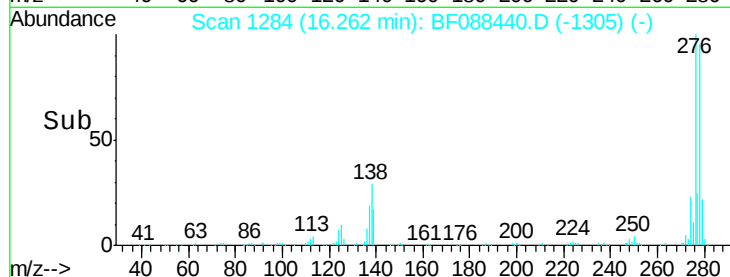
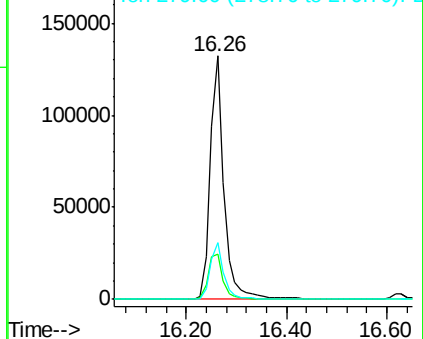
279 23.1 19.4 29.2



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: 33.42 ng

RT: 16.62 min Scan# 1315

Delta R.T. -0.58 min

Lab File: BF088440.D

Acq: 27 Jun 2016 6:30

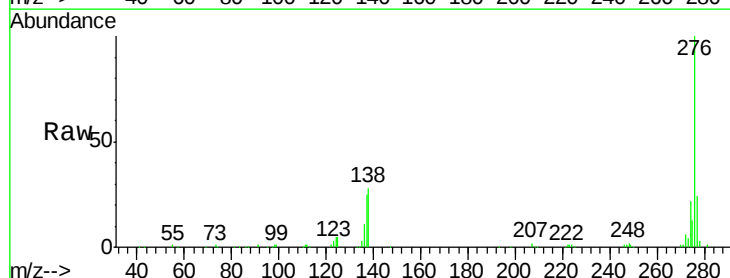
Tgt Ion:276 Resp: 239420

Ion Ratio Lower Upper

276 100

277 23.8 18.9 28.3

138 28.1 21.4 32.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

