

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070716\
 Data File : BF088776.D
 Acq On : 7 Jul 2016 13:15
 Operator : UM/SJ
 Sample : PB91807BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91807BS

Quant Time: Jul 08 01:36:28 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 17:15:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	157701	20.00	ng	-0.03
21) Naphthalene-d8	8.03	136	716437	20.00	ng	-0.03
38) Acenaphthene-d10	9.78	164	328523	20.00	ng	-0.03
63) Phenanthrene-d10	11.27	188	646428	20.00	ng	-0.02
75) Chrysene-d12	13.90	240	471578	20.00	ng	-0.02
86) Perylene-d12	15.28	264	393216	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1208384	114.84	ng	-0.01
7) Phenol-d6	6.41	99	1632881	120.10	ng	0.00
23) Nitrobenzene-d5	7.32	82	1087025	79.51	ng	-0.02
41) 2,4,6-Tribromophenol	10.58	330	431447	141.43	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	1825763	87.78	ng	-0.02
78) Terphenyl-d14	12.86	244	1794853	84.77	ng	-0.01

Target Compounds						Qvalue
3) Pyridine	3.03	79	378895	25.03	ng	93
4) n-Nitrosodimethylamine	3.00	42	194114	33.56	ng	90
6) Aniline	6.42	93	603393	30.45	ng	# 1
8) 2-Chlorophenol	6.54	128	435342	38.49	ng	97
9) Benzaldehyde	6.28	77	288939	31.37	ng	86
10) Phenol	6.42	94	634469	40.89	ng	83
11) bis(2-Chloroethyl)ether	6.49	93	454574	39.28	ng	91
12) 1,3-Dichlorobenzene	6.68	146	432919	34.79	ng	96
13) 1,4-Dichlorobenzene	6.76	146	500688	40.53	ng	98
14) 1,2-Dichlorobenzene	6.91	146	391461	33.86	ng	# 87
15) Benzyl Alcohol	6.90	79	403618	40.33	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.04	45	560950	33.47	ng	85
17) 2-Methylphenol	7.02	107	413501	44.82	ng	94
18) Hexachloroethane	7.26	117	185371	38.80	ng	# 86
19) n-Nitroso-di-n-propylamine	7.19	70	379669	41.57	ng	88
20) 3+4-Methylphenols	7.18	107	470637	42.50	ng	97
22) Acetophenone	7.16	105	701555	40.35	ng	# 89
24) Nitrobenzene	7.34	77	483825	35.10	ng	# 84
25) Isophorone	7.59	82	1056380	41.71	ng	97
26) 2-Nitrophenol	7.66	139	274464	48.56	ng	# 76
27) 2,4-Dimethylphenol	7.70	122	493408	41.91	ng	88
28) bis(2-Chloroethoxy)methane	7.79	93	624616	37.90	ng	# 96
29) 2,4-Dichlorophenol	7.90	162	401889	42.24	ng	97
30) 1,2,4-Trichlorobenzene	7.98	180	414934	39.74	ng	99
31) Naphthalene	8.06	128	1436045	40.66	ng	99
32) Benzoic acid	7.87	122	318787	37.30	ng	91
33) 4-Chloroaniline	8.10	127	471287	29.99	ng	97
34) Hexachlorobutadiene	8.17	225	218126	39.02	ng	99
35) Caprolactam	8.51	113	67448	20.87	ng	89
36) 4-Chloro-3-methylphenol	8.60	107	533031	47.38	ng	94
37) 2-Methylnaphthalene	8.74	142	870337	38.27	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	355591	32.54	ng	# 1
40) Hexachlorocyclopentadiene	8.90	237	409895	76.43	ng	99
42) 2,4,6-Trichlorophenol	9.03	196	304536	42.27	ng	98

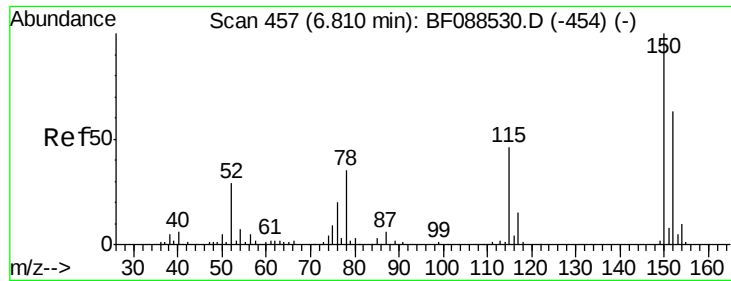
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070716\
 Data File : BF088776.D
 Acq On : 7 Jul 2016 13:15
 Operator : UM/SJ
 Sample : PB91807BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91807BS

Quant Time: Jul 08 01:36:28 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 17:15:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.07	196	288831	46.60	ng	# 92
45) 1,1'-Biphenyl	9.21	154	1008285	37.06	ng	98
46) 2-Chloronaphthalene	9.23	162	762106	35.69	ng	96
47) 2-Nitroaniline	9.34	65	323358	42.66	ng	94
48) Acenaphthylene	9.64	152	1325200	39.00	ng	100
49) Dimethylphthalate	9.53	163	970131	41.45	ng	100
50) 2,6-Dinitrotoluene	9.59	165	285305	55.00	ng	# 82
51) Acenaphthene	9.83	154	915690	43.96	ng	99
52) 3-Nitroaniline	9.75	138	177602	26.93	ng	91
53) 2,4-Dinitrophenol	9.86	184	259929	113.49	ng	92
54) Dibenzofuran	10.00	168	1262147	46.29	ng	# 89
55) 4-Nitrophenol	9.93	139	361011	72.04	ng	92
56) 2,4-Dinitrotoluene	9.99	165	259884	38.32	ng	# 38
57) Fluorene	10.34	166	893448	42.53	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.11	232	230045	47.97	ng	# 46
59) Diethylphthalate	10.23	149	994356	42.33	ng	99
60) 4-Chlorophenyl-phenylether	10.33	204	414995	42.51	ng	97
61) 4-Nitroaniline	10.38	138	264826	41.73	ng	81
62) Azobenzene	10.49	77	1230242	45.92	ng	98
64) 4,6-Dinitro-2-methylphenol	10.40	198	154279	44.62	ng	98
65) n-Nitrosodiphenylamine	10.46	169	856262	39.14	ng	98
66) 4-Bromophenyl-phenylether	10.82	248	293085	44.99	ng	# 92
67) Hexachlorobenzene	10.88	284	269344	37.35	ng	98
68) Atrazine	10.99	200	310641	45.57	ng	97
69) Pentachlorophenol	11.07	266	334042	78.27	ng	98
70) Phenanthrene	11.29	178	1258805	35.62	ng	99
71) Anthracene	11.35	178	1519750	43.25	ng	99
72) Carbazole	11.50	167	1163359	35.18	ng	98
73) Di-n-butylphthalate	11.84	149	1744548	45.35	ng	99
74) Fluoranthene	12.47	202	1245204	34.76	ng	99
76) Benzidine	12.59	184	856737	35.94	ng	98
77) Pyrene	12.70	202	1267516	31.70	ng	99
79) Butylbenzylphthalate	13.33	149	701722	39.34	ng	# 81
80) Benzo(a)anthracene	13.89	228	1139168	37.52	ng	100
81) 3,3'-Dichlorobenzidine	13.85	252	276574	24.23	ng	# 96
82) Chrysene	13.92	228	1124191	37.42	ng	99
83) Bis(2-ethylhexyl)phthalate	13.89	149	766505	37.64	ng	# 99
84) Di-n-octyl phthalate	14.50	149	1612321	46.61	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.59	276	904960	39.15	ng	# 100
87) Benzo(b)fluoranthene	14.93	252	2143662	86.91	ng	99
88) Benzo(k)fluoranthene	14.93	252	2143988	99.84	ng	# 94
89) Benzo(a)pyrene	15.22	252	902754	43.23	ng	98
90) Dibenzo(a,h)anthracene	16.62	278	732479	42.00	ng	98
91) Benzo(g,h,i)perylene	16.99	276	748545	41.48	ng	98

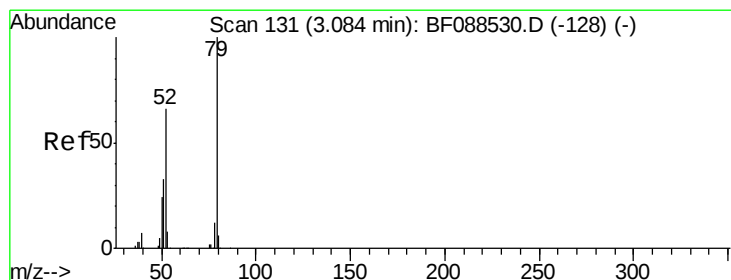
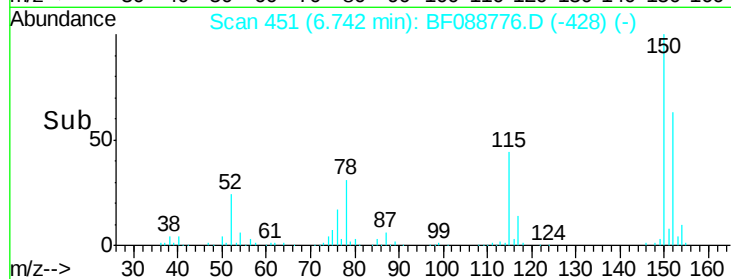
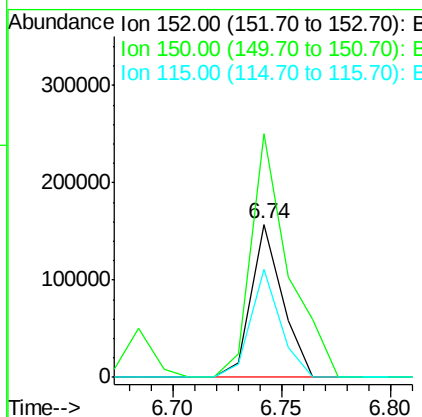
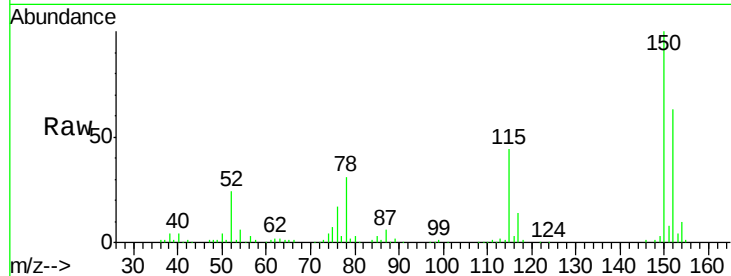
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.74 min Scan# 451
 Delta R.T. -0.03 min
 Lab File: BF088776.D
 Acq: 7 Jul 2016 13:15

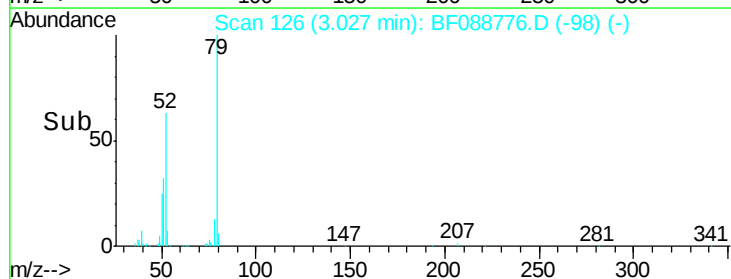
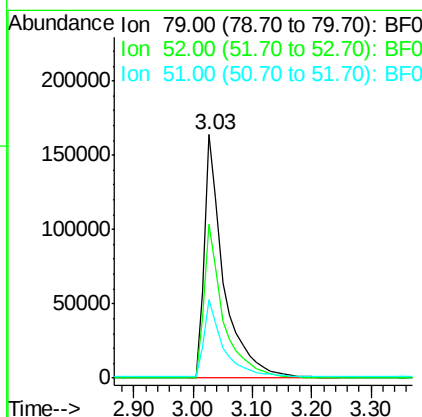
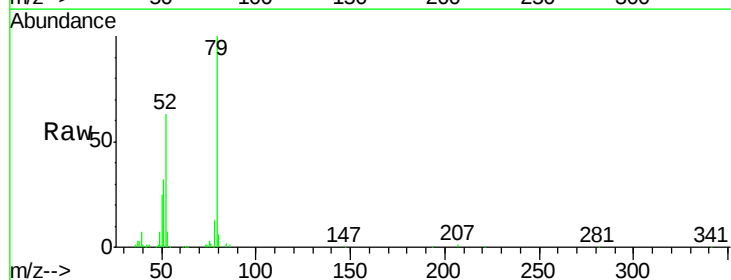
Instrument :
 BNA_F
 ClientSampleId :
 PB91807BS

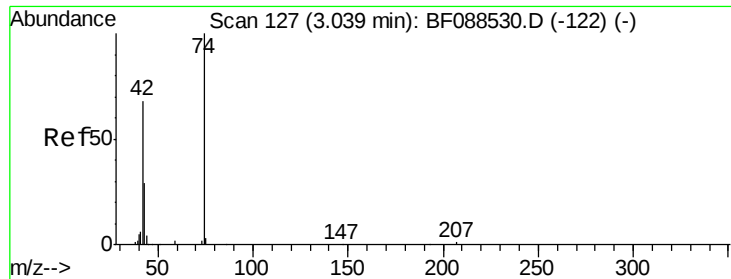
Tgt Ion:152 Resp: 157701
 Ion Ratio Lower Upper
 152 100
 150 159.2 123.8 185.6
 115 70.8 39.6 59.4#



#3
 Pyridine
 Concen: 25.03 ng
 RT: 3.03 min Scan# 126
 Delta R.T. 0.02 min
 Lab File: BF088776.D
 Acq: 7 Jul 2016 13:15

Tgt Ion: 79 Resp: 378895
 Ion Ratio Lower Upper
 79 100
 52 63.4 56.3 84.5
 51 32.2 27.4 41.2



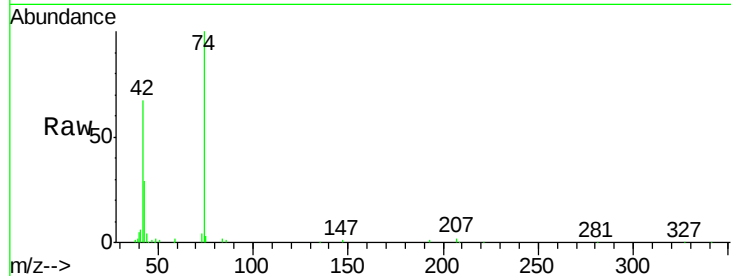


#4

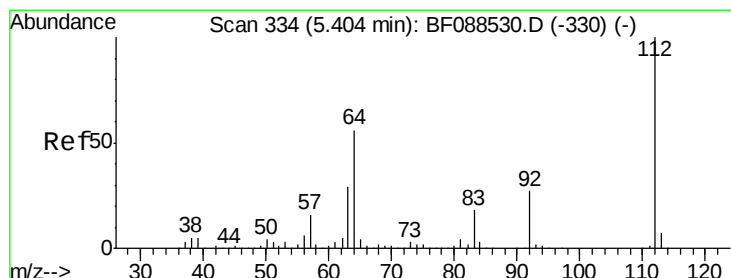
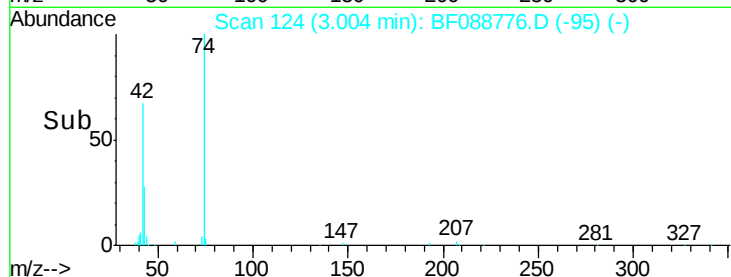
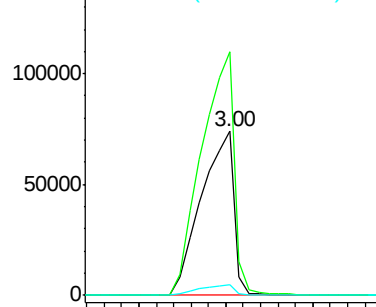
n-Nitrosodimethylamine
 Concen: 33.56 ng
 RT: 3.00 min Scan# 124
 Delta R.T. 0.03 min
 Lab File: BF088776.D
 Acq: 7 Jul 2016 13:15

Instrument :
 BNA_F
 ClientSampleId :
 PB91807BS

Tgt Ion: 42 Resp: 194114
 Ion Ratio Lower Upper
 42 100
 74 148.5 108.6 163.0
 44 6.2 5.5 8.3



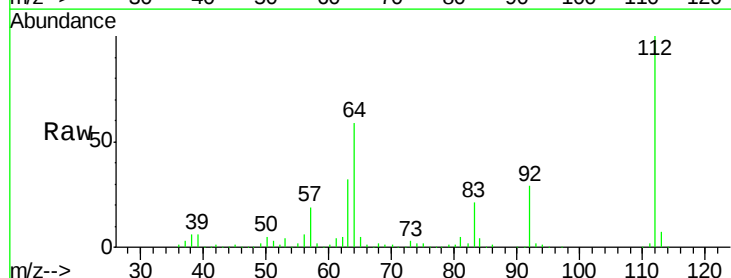
Abundance Ion 42.00 (41.70 to 42.70): BF0
 Ion 74.00 (73.70 to 74.70): BF0
 Ion 44.00 (43.70 to 44.70): BF0



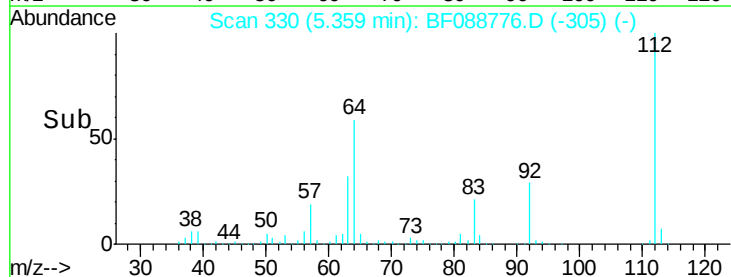
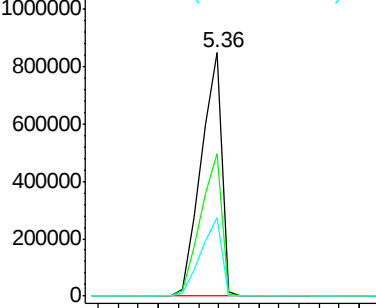
#5

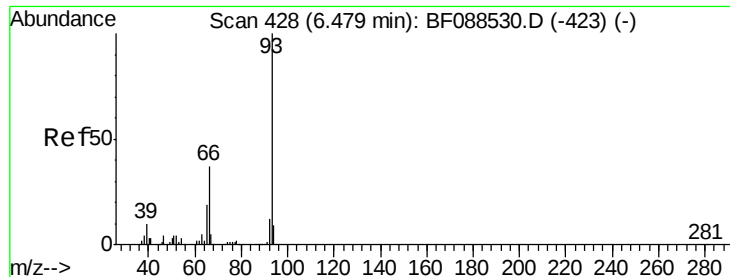
2-Fluorophenol
 Concen: 114.84 ng
 RT: 5.36 min Scan# 330
 Delta R.T. -0.01 min
 Lab File: BF088776.D
 Acq: 7 Jul 2016 13:15

Tgt Ion: 112 Resp: 1208384
 Ion Ratio Lower Upper
 112 100
 64 58.6 42.2 63.2
 63 32.0 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: 30.45 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.01 min

Lab File: BF088776.D

Acq: 7 Jul 2016 13:15

Instrument :

BNA_F

ClientSampleId :

PB91807BS

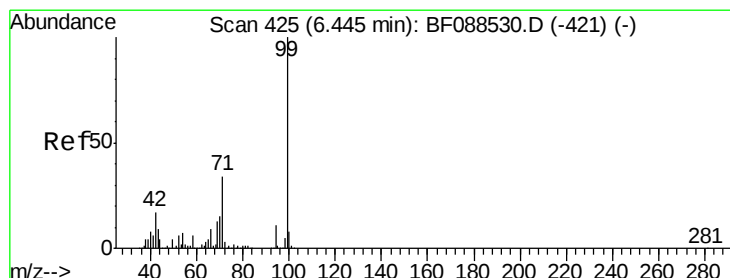
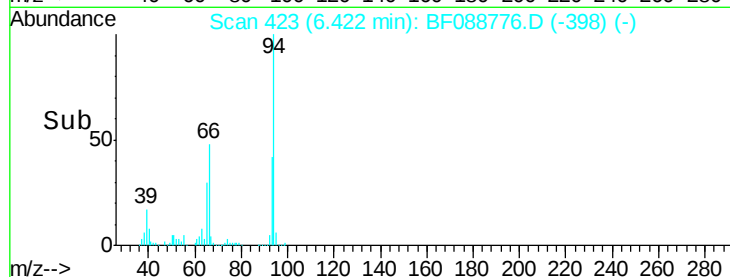
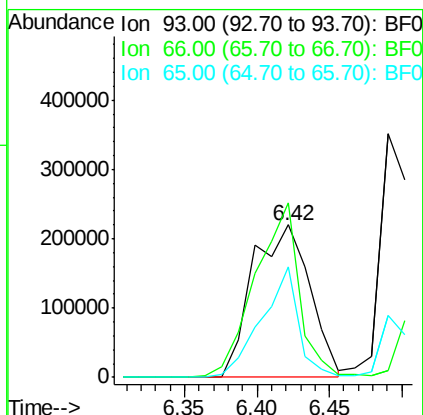
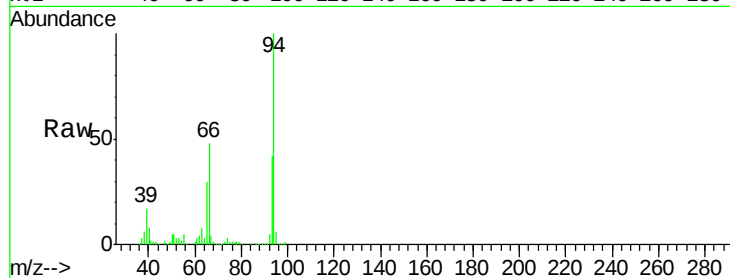
Tgt Ion: 93 Resp: 603393

Ion Ratio Lower Upper

93 100

66 114.8 29.8 44.8#

65 72.5 14.9 22.3#



#7

Phenol-d6

Concen: 120.10 ng

RT: 6.41 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF088776.D

Acq: 7 Jul 2016 13:15

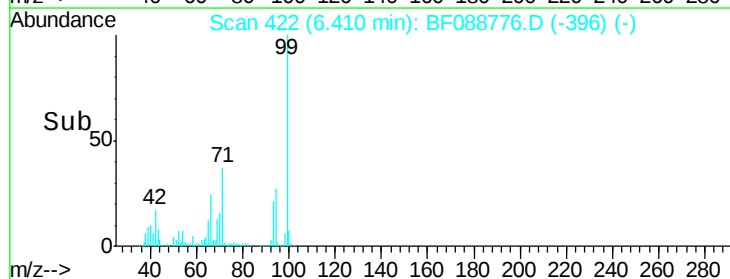
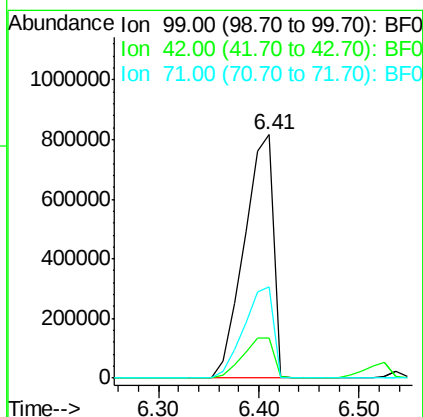
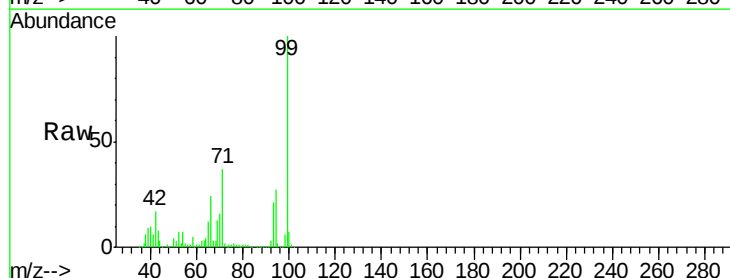
Tgt Ion: 99 Resp: 1632881

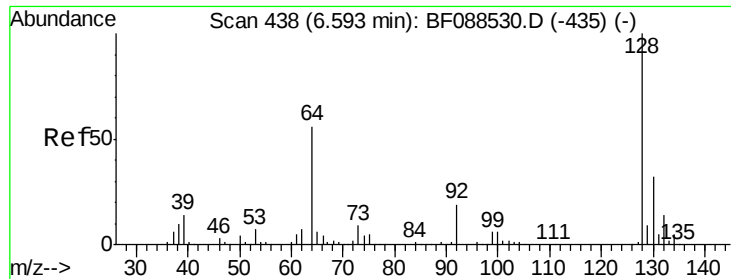
Ion Ratio Lower Upper

99 100

42 16.6 12.2 18.2

71 37.5 23.4 35.0#





#8

2-Chlorophenol

Concen: 38.49 ng

RT: 6.54 min Scan# 433

Delta R.T. -0.02 min

Lab File: BF088776.D

Acq: 7 Jul 2016 13:15

Instrument :

BNA_F

ClientSampleId :

PB91807BS

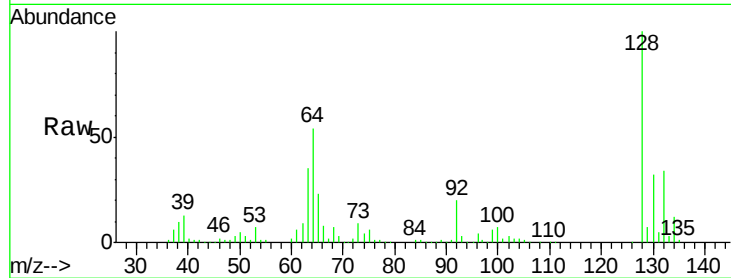
Tgt Ion:128 Resp: 435342

Ion Ratio Lower Upper

128 100

130 32.1 12.0 52.0

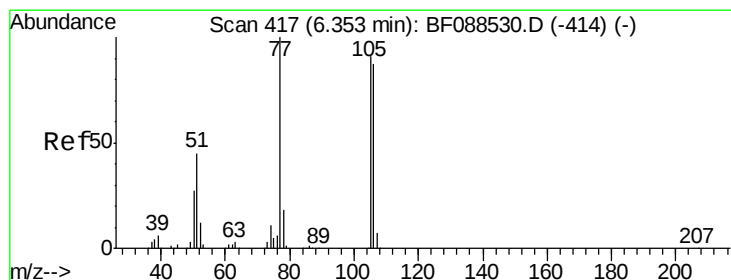
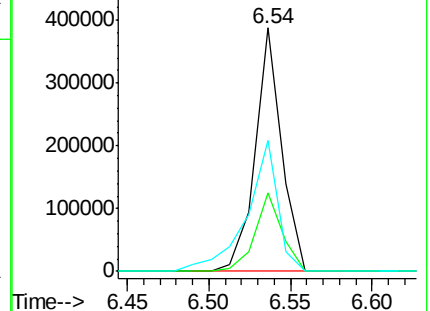
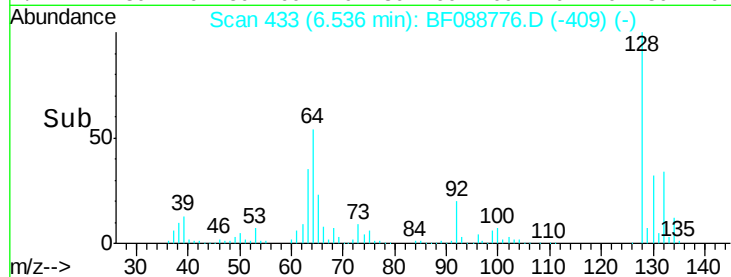
64 53.8 30.8 70.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



#9

Benzaldehyde

Concen: 31.37 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.03 min

Lab File: BF088776.D

Acq: 7 Jul 2016 13:15

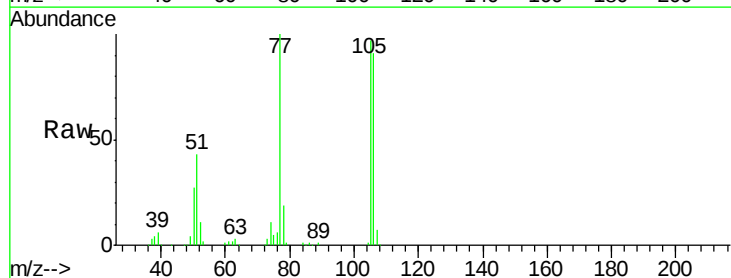
Tgt Ion: 77 Resp: 288939

Ion Ratio Lower Upper

77 100

105 96.8 90.6 130.6

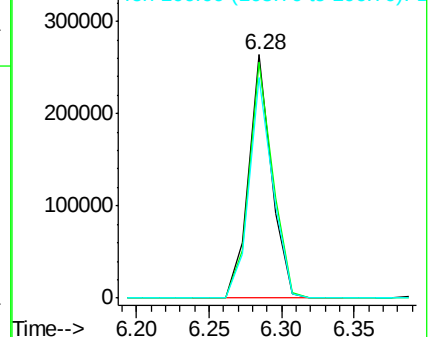
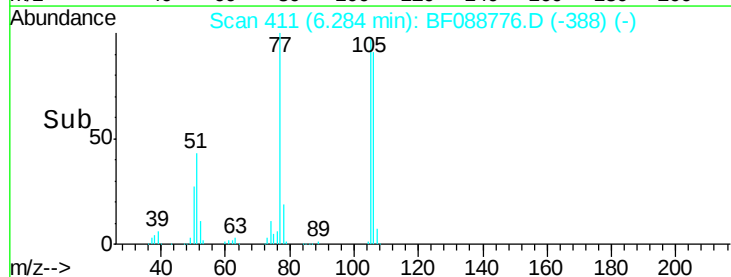
106 90.5 85.3 125.3

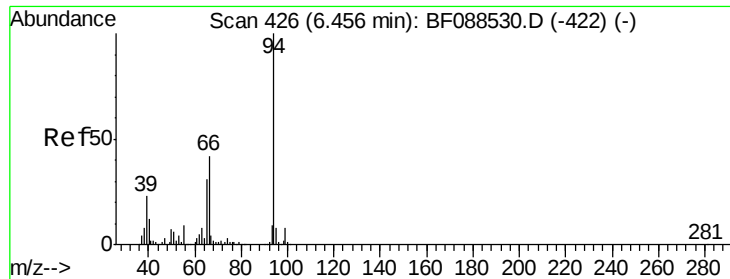


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 40.89 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.01 min

Lab File: BF088776.D

Acq: 7 Jul 2016 13:15

Instrument :

BNA_F

ClientSampleId :

PB91807BS

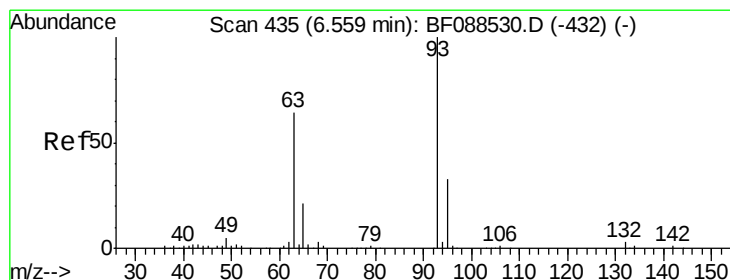
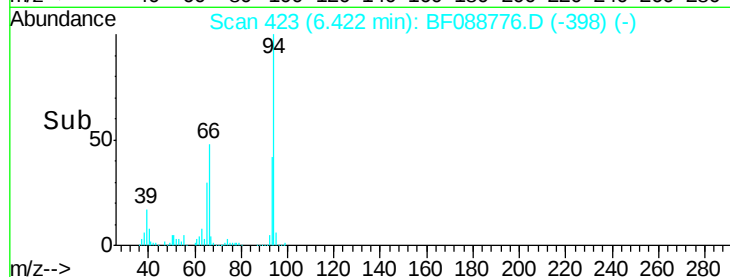
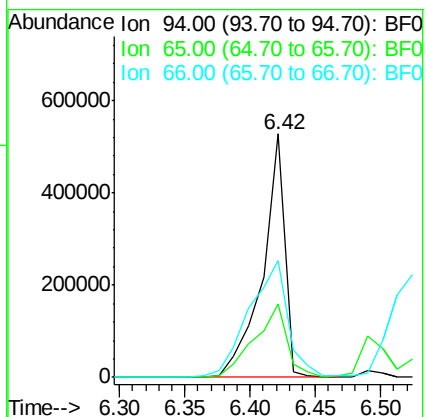
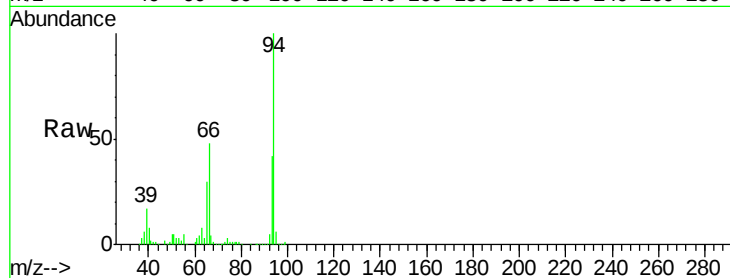
Tgt Ion: 94 Resp: 634469

Ion Ratio Lower Upper

94 100

65 30.2 5.9 45.9

66 47.9 14.0 54.0



#11

bis(2-Chloroethyl)ether

Concen: 39.28 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.02 min

Lab File: BF088776.D

Acq: 7 Jul 2016 13:15

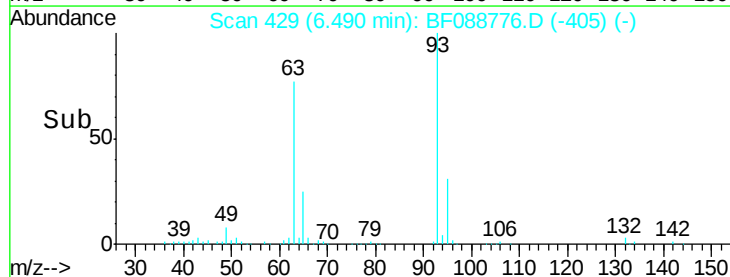
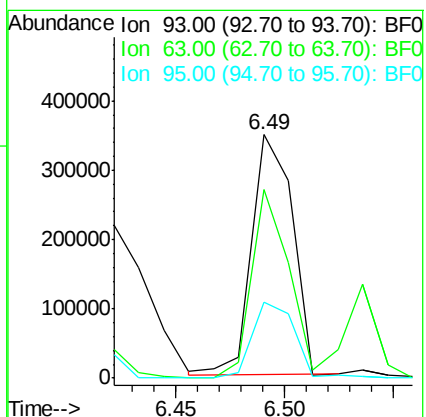
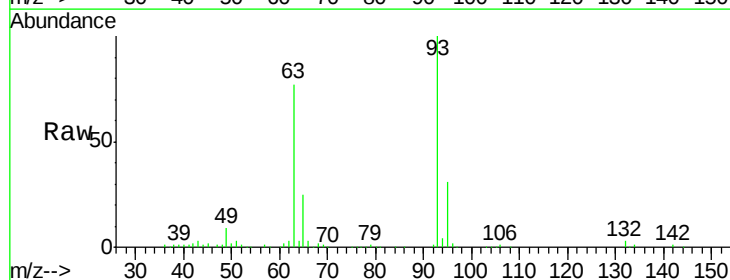
Tgt Ion: 93 Resp: 454574

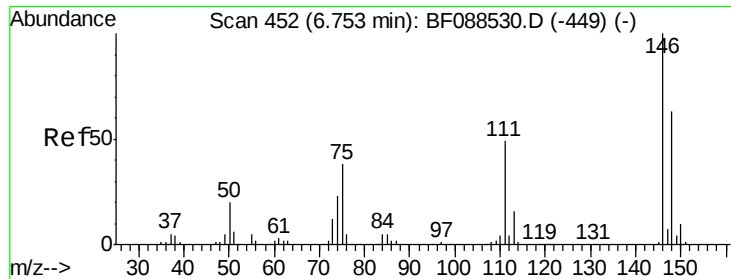
Ion Ratio Lower Upper

93 100

63 77.4 67.6 107.6

95 31.4 12.5 52.5

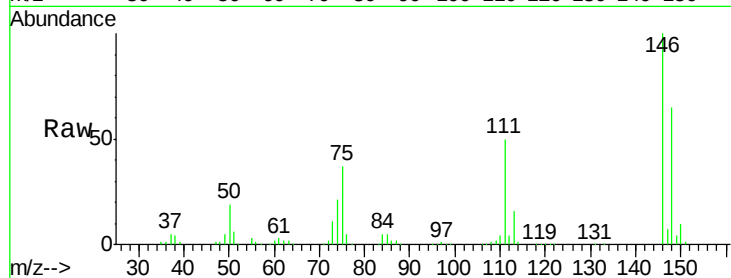




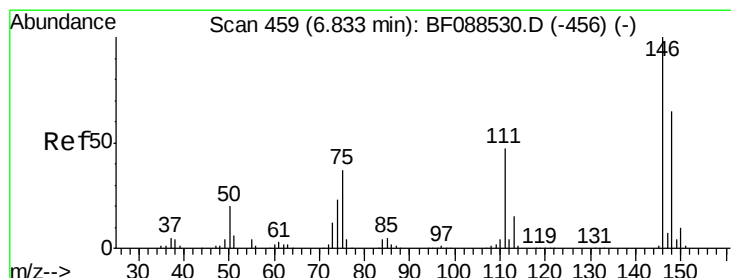
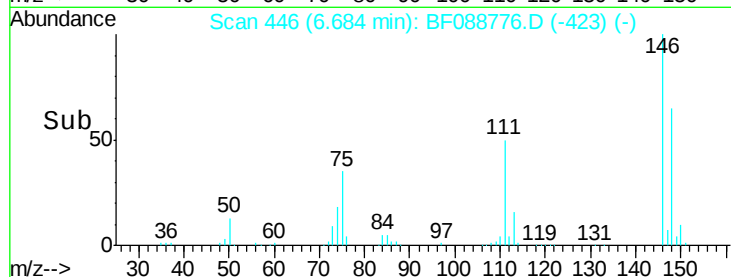
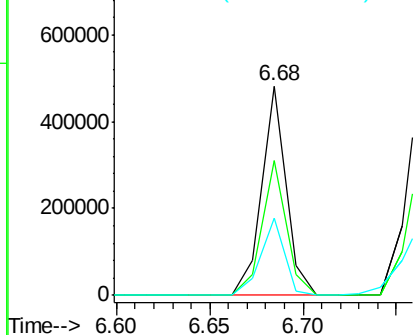
#12
 1,3-Dichlorobenzene
 Concen: 34.79 ng
 RT: 6.68 min Scan# 446
 Delta R.T. -0.03 min
 Lab File: BF088776.D
 Acq: 7 Jul 2016 13:15

Instrument :
 BNA_F
 ClientSampleId :
 PB91807BS

Tgt Ion:146 Resp: 432919
 Ion Ratio Lower Upper
 146 100
 148 64.6 50.9 76.3
 75 36.8 25.6 38.4

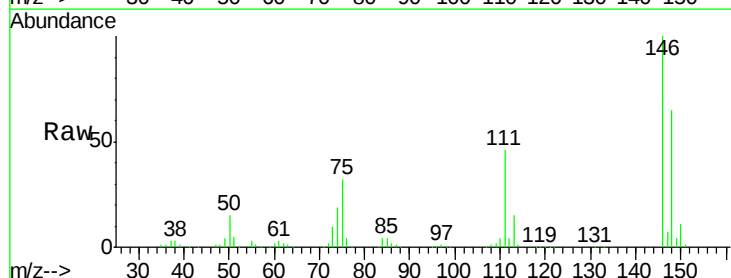


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

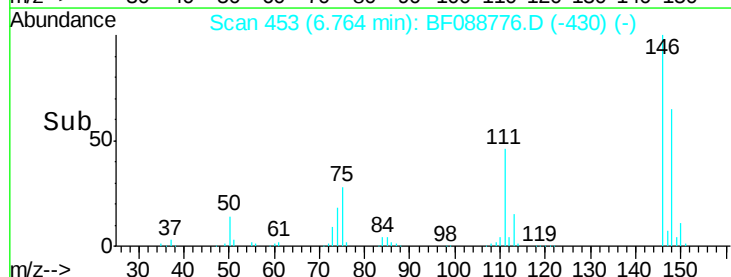
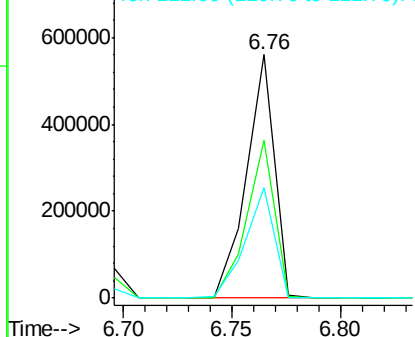


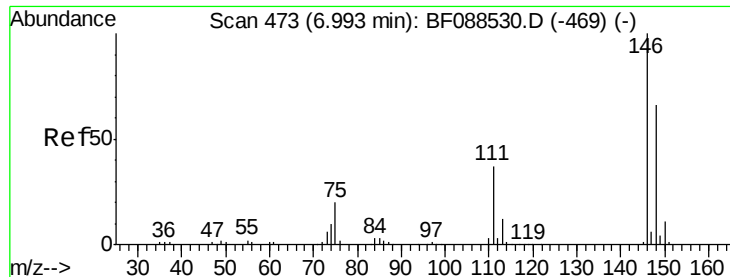
#13
 1,4-Dichlorobenzene
 Concen: 40.53 ng
 RT: 6.76 min Scan# 453
 Delta R.T. -0.03 min
 Lab File: BF088776.D
 Acq: 7 Jul 2016 13:15

Tgt Ion:146 Resp: 500688
 Ion Ratio Lower Upper
 146 100
 148 64.6 52.0 78.0
 111 45.6 33.8 50.8



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

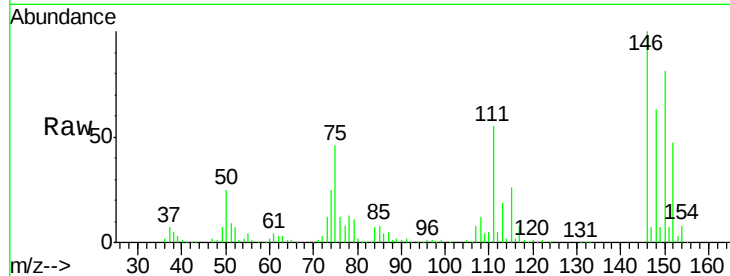




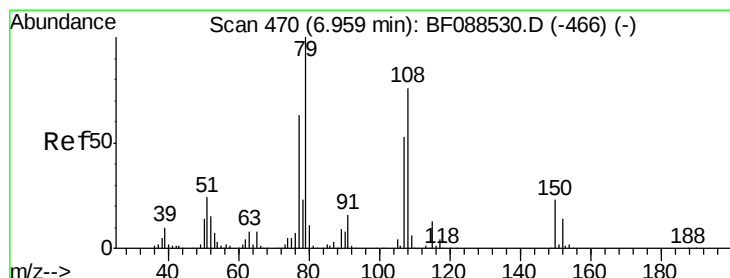
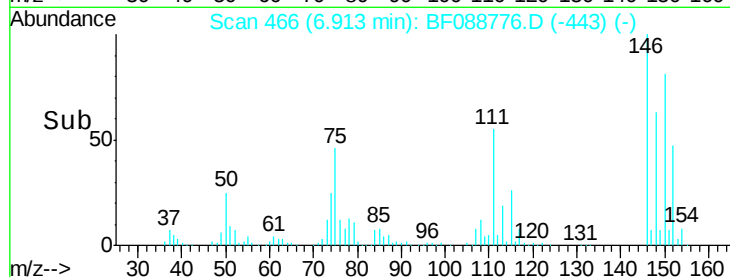
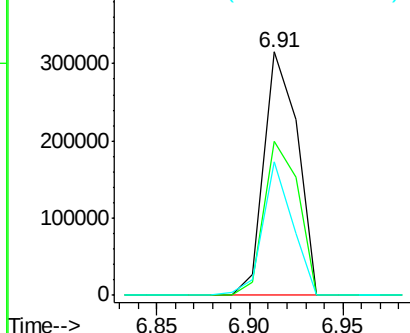
#14
1,2-Dichlorobenzene
Concen: 33.86 ng
RT: 6.91 min Scan# 466
Delta R.T. -0.03 min
Lab File: BF088776.D
Acq: 7 Jul 2016 13:15

Instrument :
BNA_F
ClientSampleId :
PB91807BS

Tgt Ion:146 Resp: 391461
Ion Ratio Lower Upper
146 100
148 63.1 52.3 78.5
111 54.7 28.7 43.1#

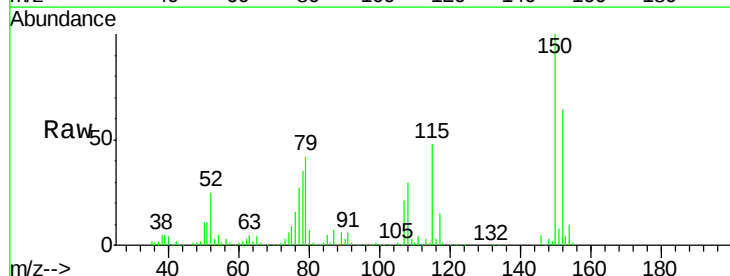


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

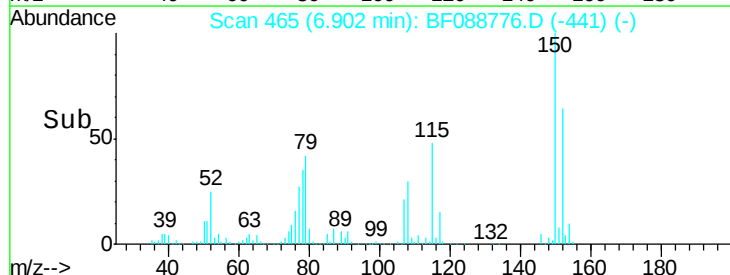
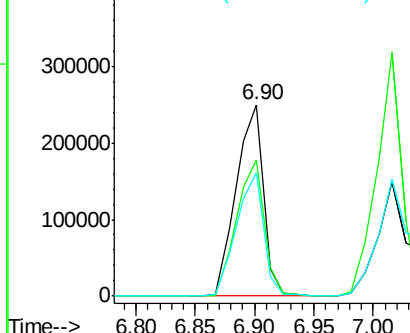


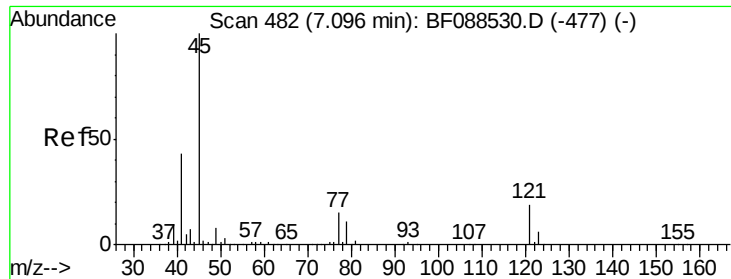
#15
Benzyl Alcohol
Concen: 40.33 ng
RT: 6.90 min Scan# 465
Delta R.T. -0.02 min
Lab File: BF088776.D
Acq: 7 Jul 2016 13:15

Tgt Ion: 79 Resp: 403618
Ion Ratio Lower Upper
79 100
108 71.3 65.0 97.6
77 64.4 50.3 75.5



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0

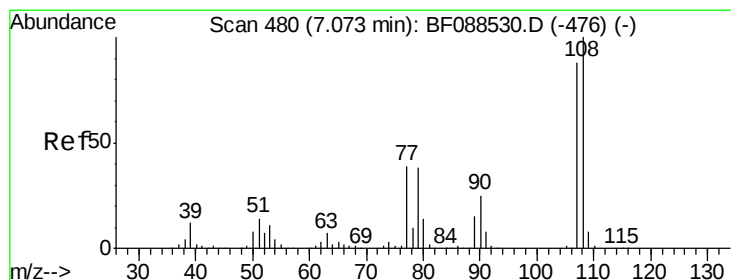
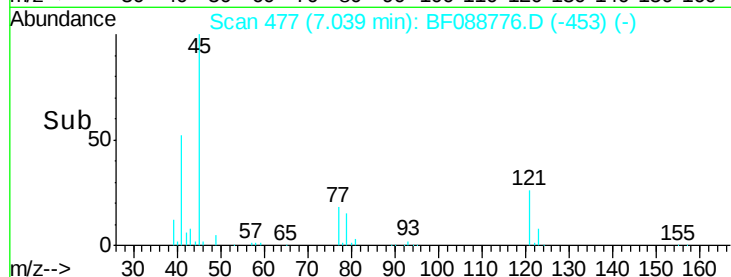
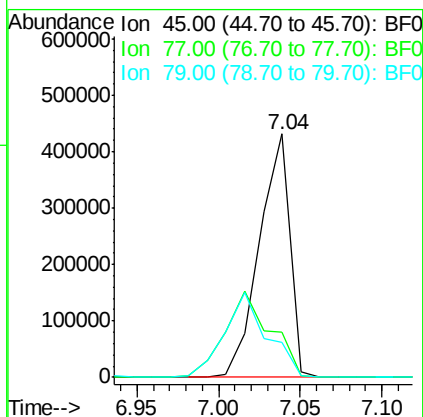
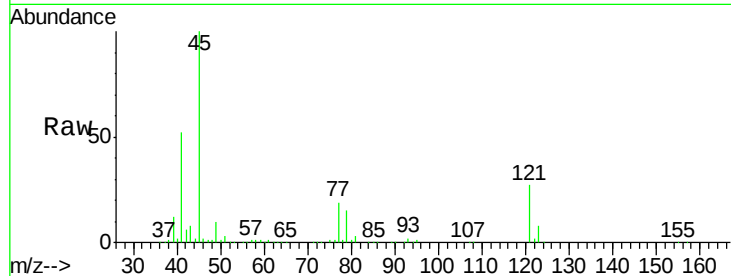




#16
2,2'-oxybis(1-chloropropane)
Concen: 33.47 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.02 min
Lab File: BF088776.D
Acq: 7 Jul 2016 13:15

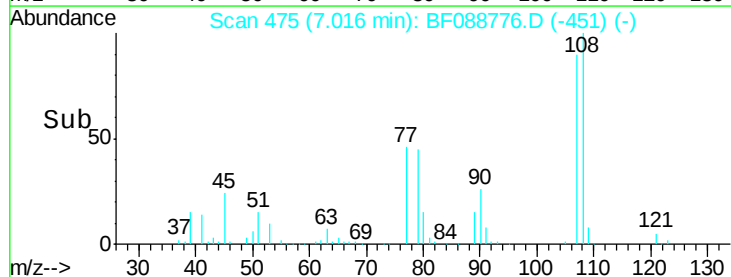
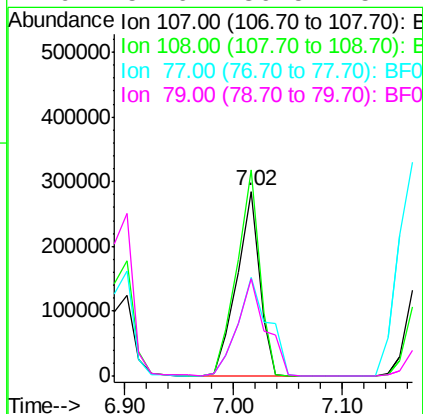
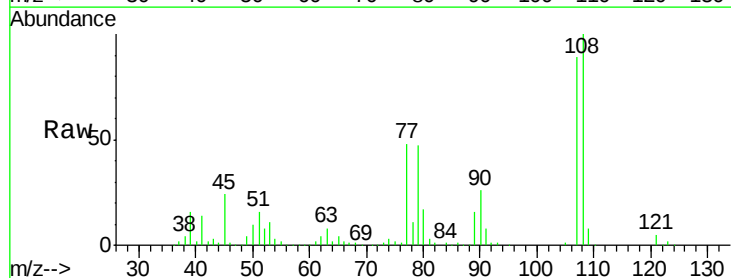
Instrument :
BNA_F
ClientSampleId :
PB91807BS

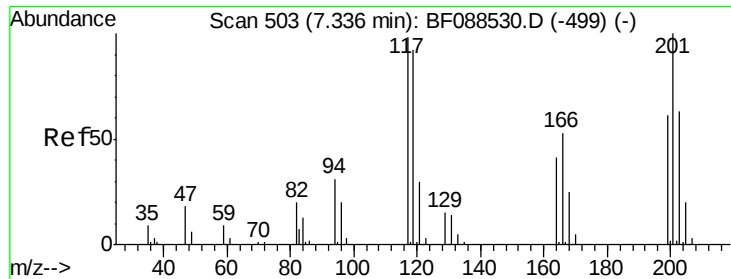
Tgt Ion	Ratio	Lower	Upper
45	100		
77	18.7	0.0	32.5
79	14.6	0.0	29.5



#17
2-Methylphenol
Concen: 44.82 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF088776.D
Acq: 7 Jul 2016 13:15

Tgt Ion	Ratio	Lower	Upper
107	100		
108	111.8	90.9	136.3
77	53.4	36.6	55.0
79	52.6	36.5	54.7

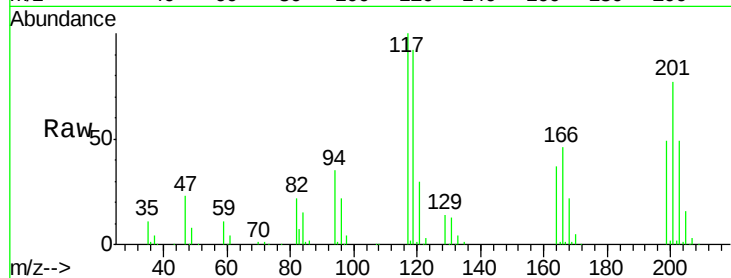




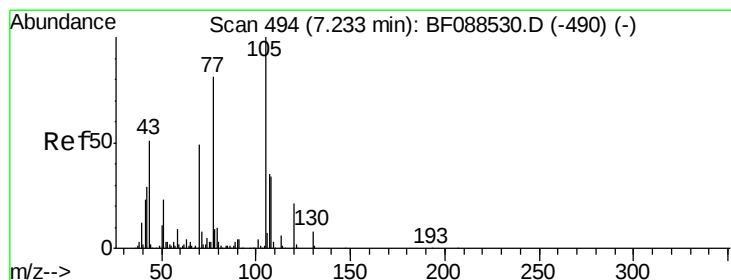
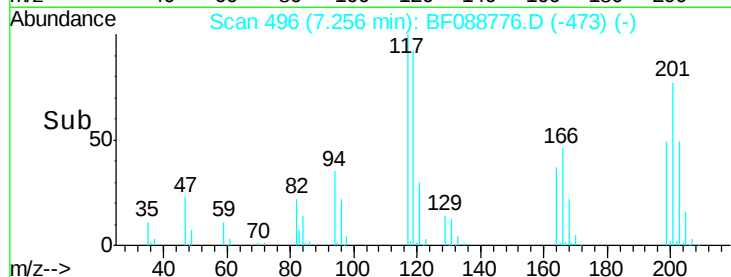
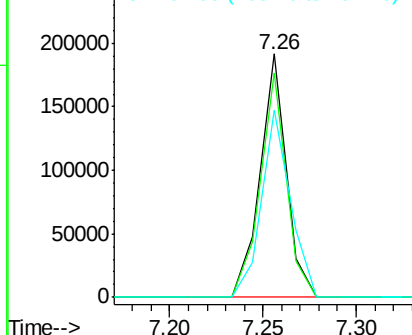
#18
Hexachloroethane
Concen: 38.80 ng
RT: 7.26 min Scan# 496
Delta R.T. -0.03 min
Lab File: BF088776.D
Acq: 7 Jul 2016 13:15

Instrument :
BNA_F
ClientSampleId :
PB91807BS

Tgt Ion: 117 Resp: 185371
Ion Ratio Lower Upper
117 100
119 92.0 77.4 116.2
201 76.9 80.4 120.6#



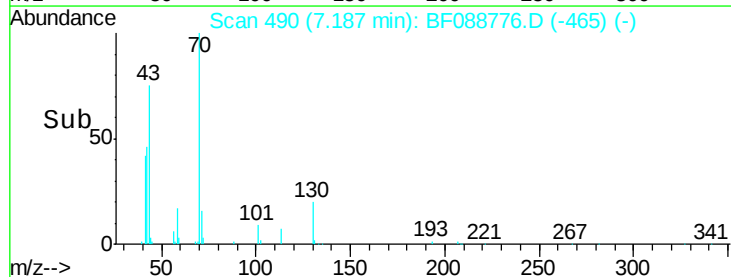
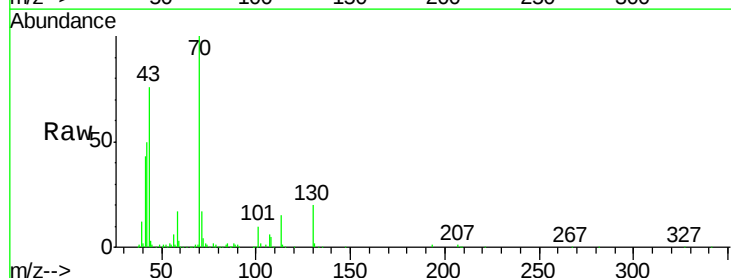
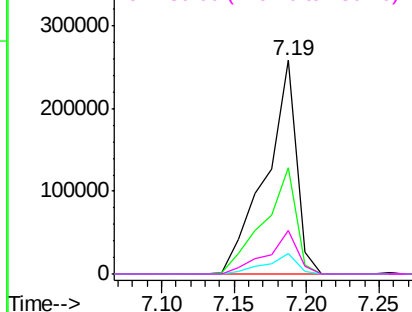
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

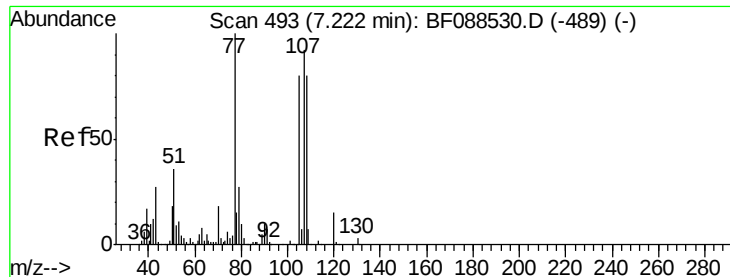


#19
n-Nitroso-di-n-propylamine
Concen: 41.57 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.01 min
Lab File: BF088776.D
Acq: 7 Jul 2016 13:15

Tgt Ion: 70 Resp: 379669
Ion Ratio Lower Upper
70 100
42 49.9 49.6 74.4
101 9.7 7.1 10.7
130 20.4 15.4 23.2

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





#20

3+4-Methylphenols

Concen: 42.50 ng

RT: 7.18 min Scan# 489

Delta R.T. -0.02 min

Lab File: BF088776.D

Acq: 7 Jul 2016 13:15

Instrument :

BNA_F

ClientSampleId :

PB91807BS

Tgt Ion:107 Resp: 470637

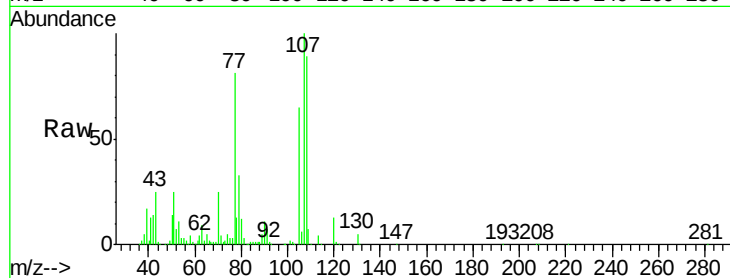
Ion Ratio Lower Upper

107 100

108 89.1 67.8 107.8

77 81.3 59.3 99.3

79 33.2 7.0 47.0



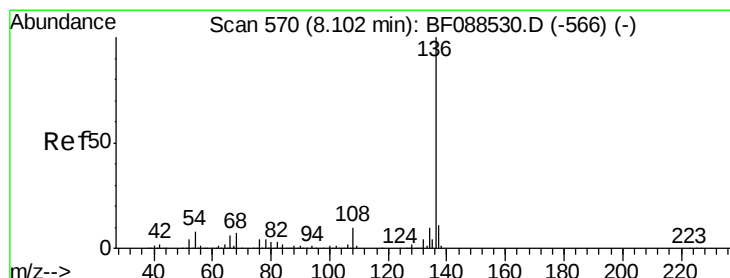
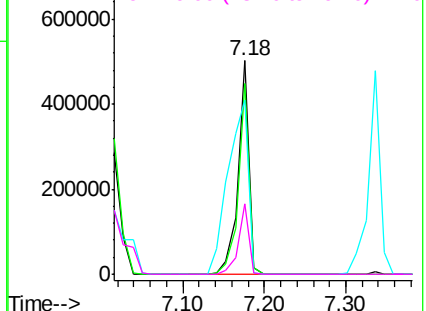
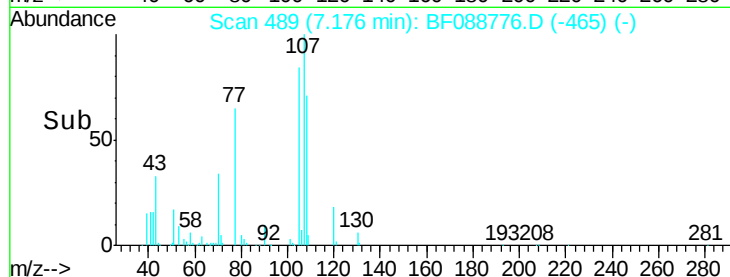
Abundance

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: 8.03 min Scan# 564

Delta R.T. -0.03 min

Lab File: BF088776.D

Acq: 7 Jul 2016 13:15

Tgt Ion:136 Resp: 716437

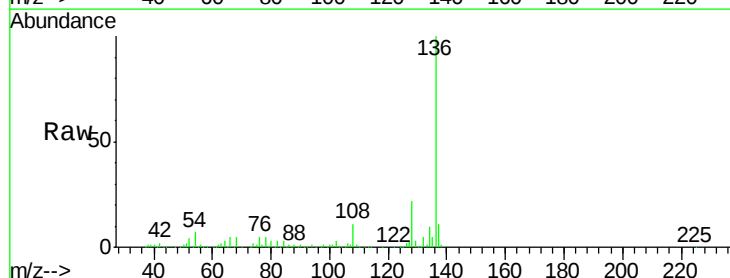
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 6.7 6.6 10.0

68 5.4 5.1 7.7



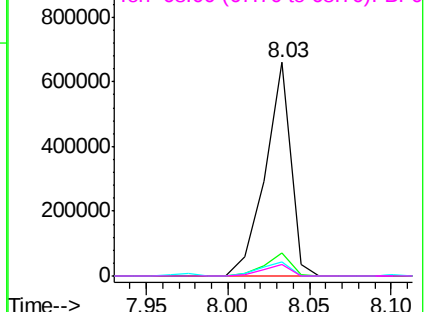
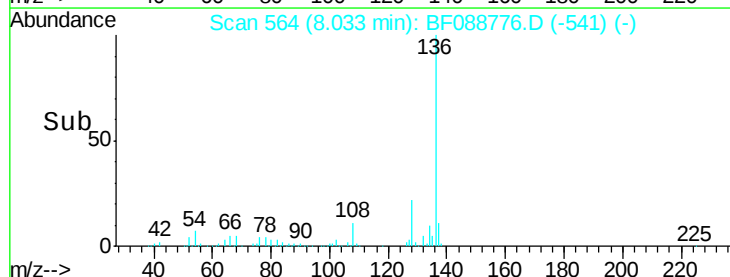
Abundance

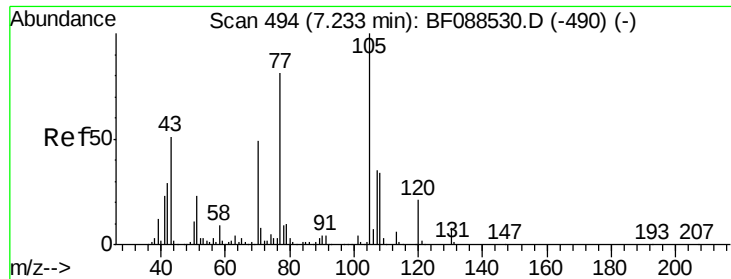
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#22

Acetophenone

Concen: 40.35 ng

RT: 7.16 min Scan# 488

Delta R.T. -0.03 min

Lab File: BF088776.D

Acq: 7 Jul 2016 13:15

Instrument :

BNA_F

ClientSampleId :

PB91807BS

Tgt Ion:105 Resp: 701555

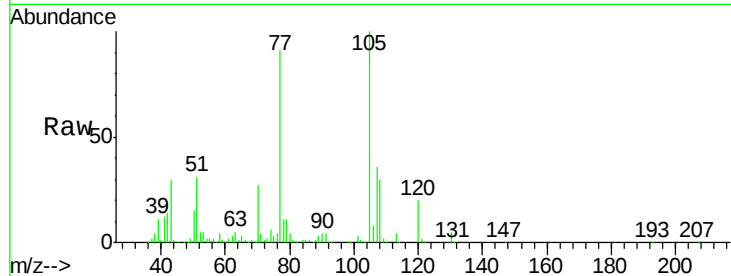
Ion Ratio Lower Upper

105 100

71 4.3 5.3 7.9#

51 30.7 18.2 27.4#

120 19.7 18.0 27.0

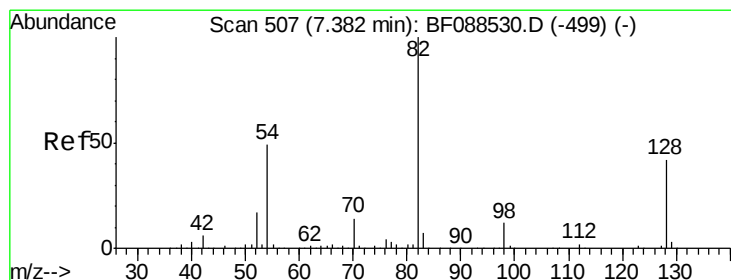
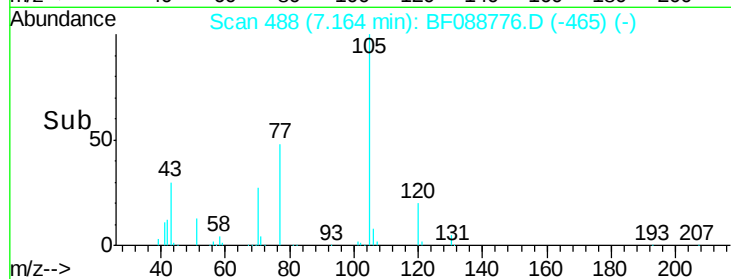
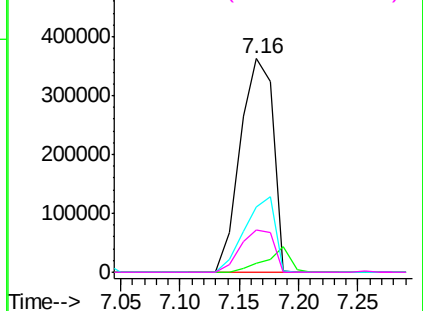


Abundance Ion 105.00 (104.70 to 105.70): E

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: 79.51 ng

RT: 7.32 min Scan# 502

Delta R.T. -0.02 min

Lab File: BF088776.D

Acq: 7 Jul 2016 13:15

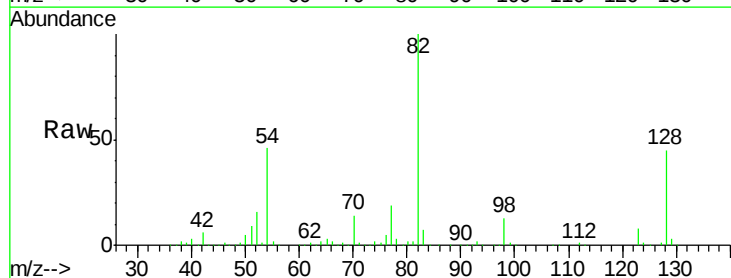
Tgt Ion: 82 Resp: 1087025

Ion Ratio Lower Upper

82 100

128 45.4 35.9 53.9

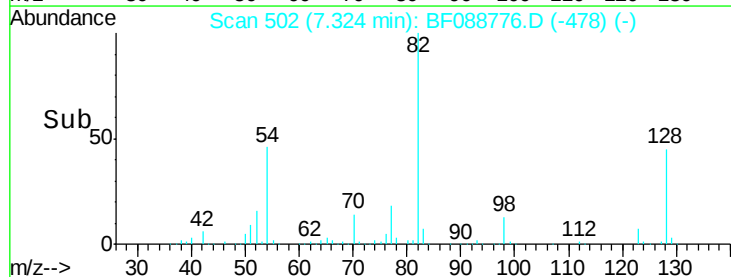
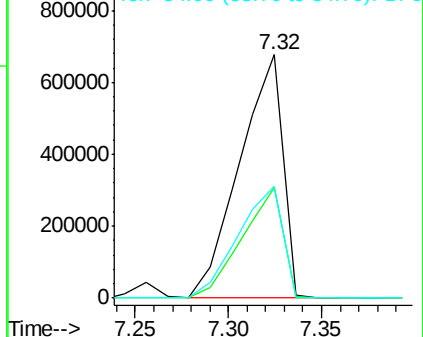
54 45.9 40.9 61.3

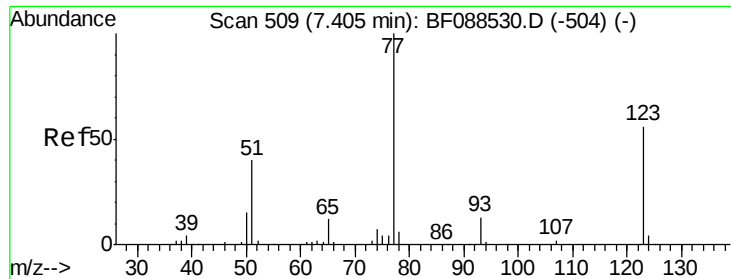


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 35.10 ng

RT: 7.34 min Scan# 503

Delta R.T. -0.02 min

Lab File: BF088776.D

Acq: 7 Jul 2016 13:15

Instrument :

BNA_F

ClientSampleId :

PB91807BS

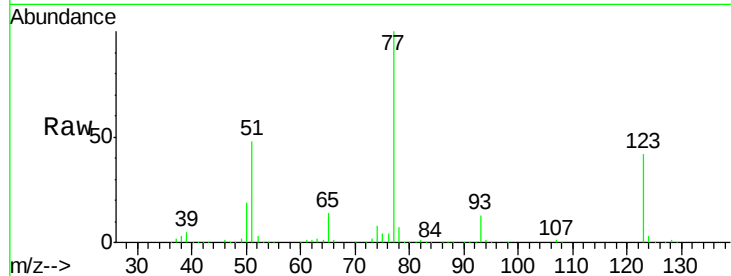
Tgt Ion: 77 Resp: 483825

Ion Ratio Lower Upper

77 100

123 42.1 45.0 67.4#

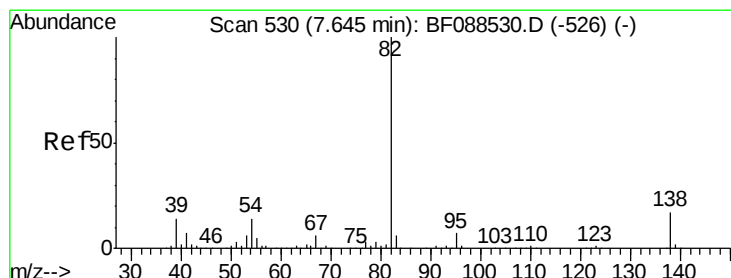
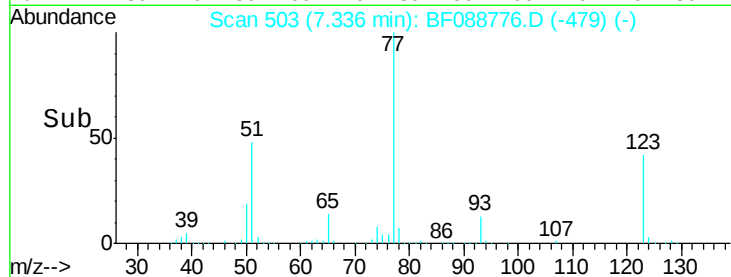
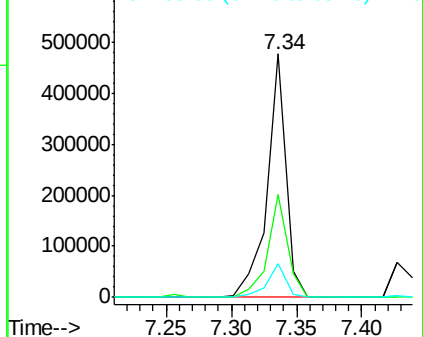
65 13.7 10.2 15.2



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 41.71 ng

RT: 7.59 min Scan# 525

Delta R.T. -0.02 min

Lab File: BF088776.D

Acq: 7 Jul 2016 13:15

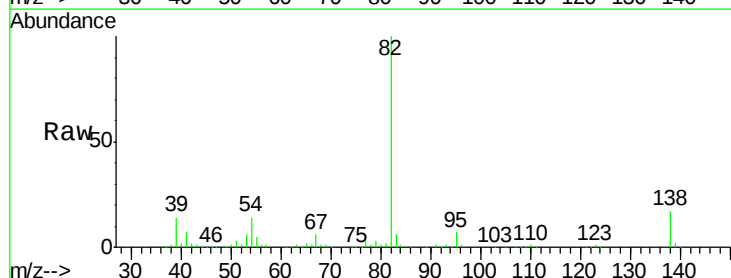
Tgt Ion: 82 Resp: 1056380

Ion Ratio Lower Upper

82 100

95 7.3 5.4 8.2

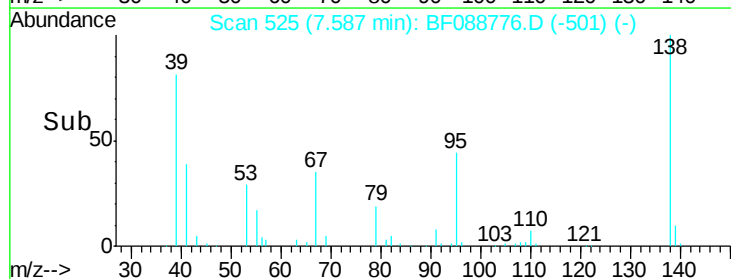
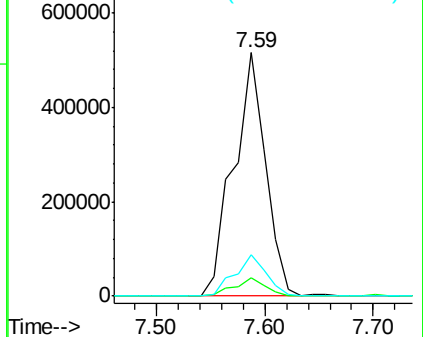
138 16.8 14.6 21.8

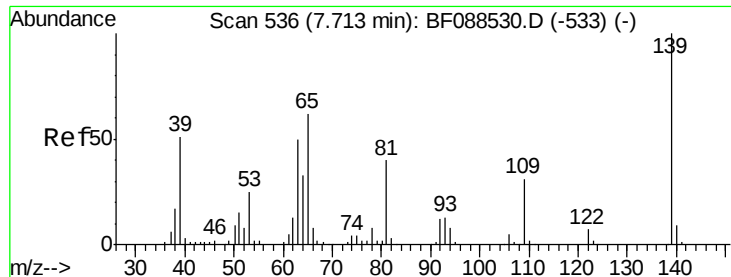


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

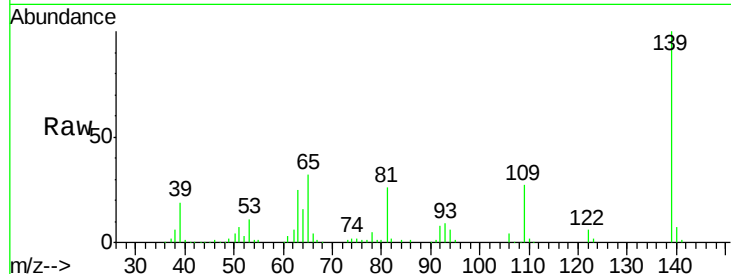




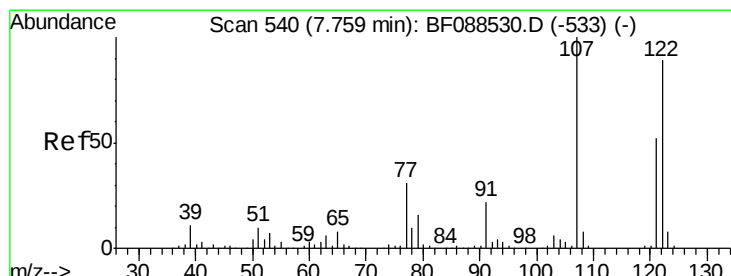
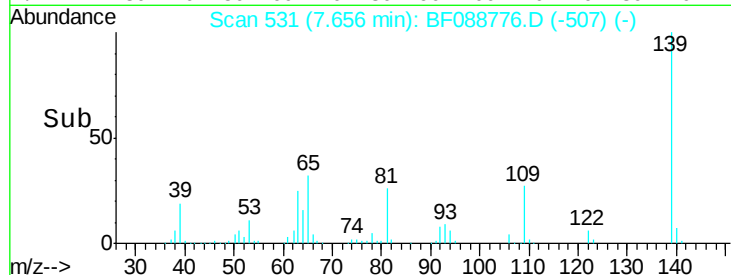
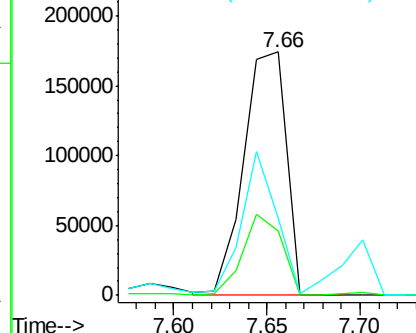
#26
2-Nitrophenol
Concen: 48.56 ng
RT: 7.66 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF088776.D
Acq: 7 Jul 2016 13:15

Instrument :
BNA_F
ClientSampleId :
PB91807BS

Tgt Ion:139 Resp: 274464
Ion Ratio Lower Upper
139 100
109 26.6 23.0 34.4
65 31.7 45.8 68.8#

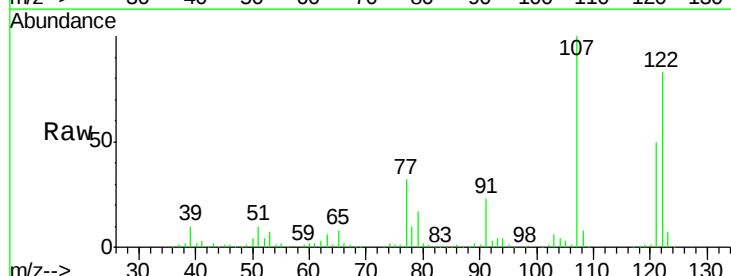


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

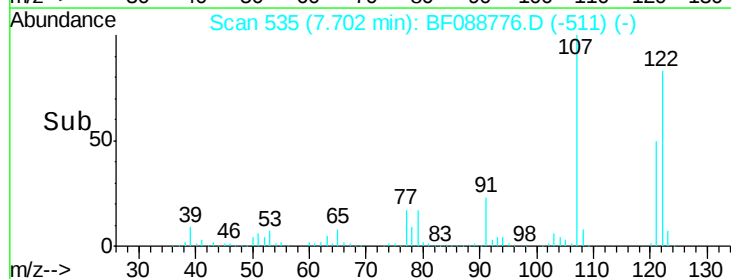
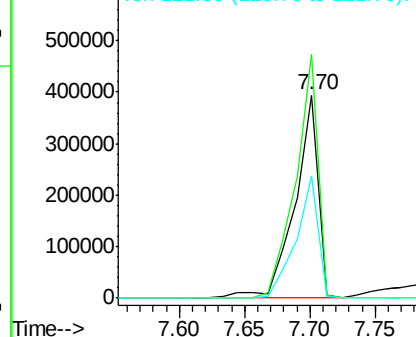


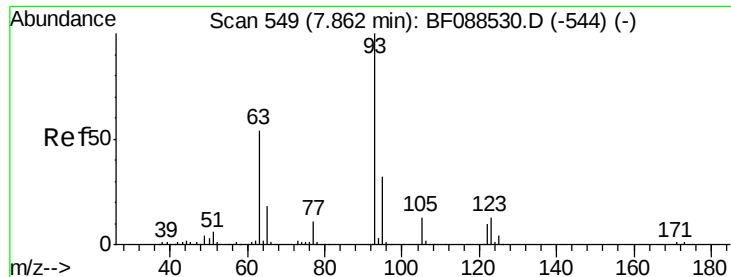
#27
2,4-Dimethylphenol
Concen: 41.91 ng
RT: 7.70 min Scan# 535
Delta R.T. -0.02 min
Lab File: BF088776.D
Acq: 7 Jul 2016 13:15

Tgt Ion:122 Resp: 493408
Ion Ratio Lower Upper
122 100
107 120.2 82.4 123.6
121 60.4 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

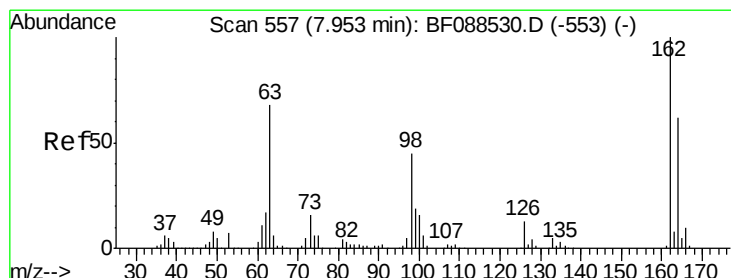
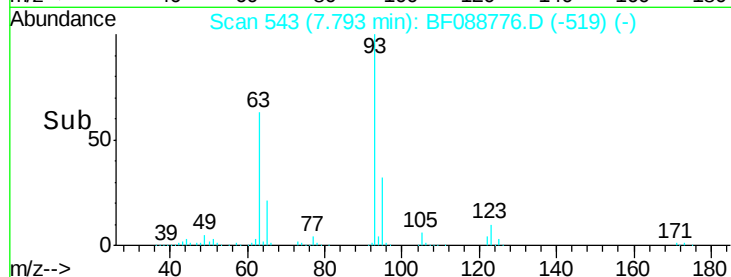
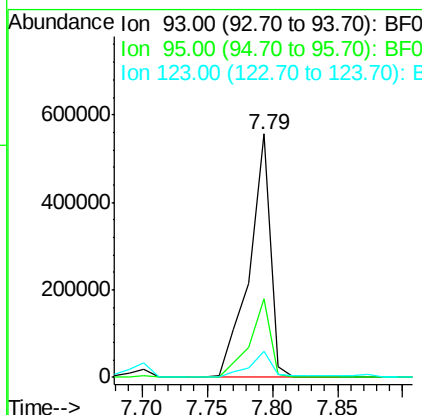
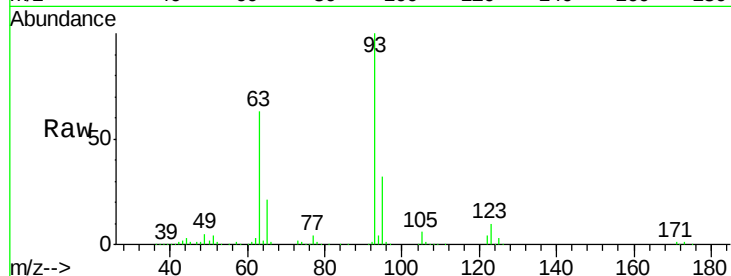




#28
bis(2-Chloroethoxy)methane
Concen: 37.90 ng
RT: 7.79 min Scan# 543
Delta R.T. -0.02 min
Lab File: BF088776.D
Acq: 7 Jul 2016 13:15

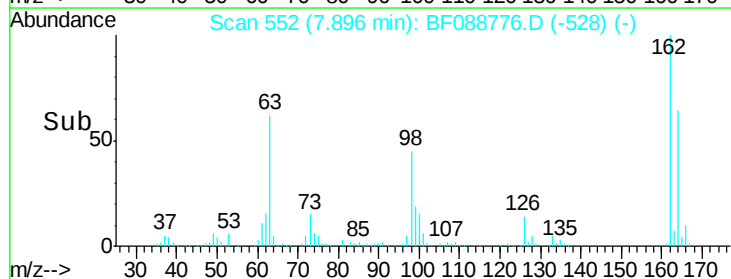
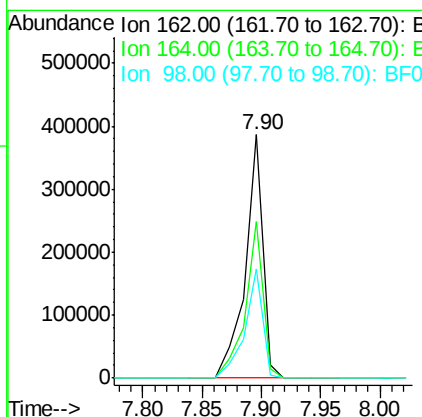
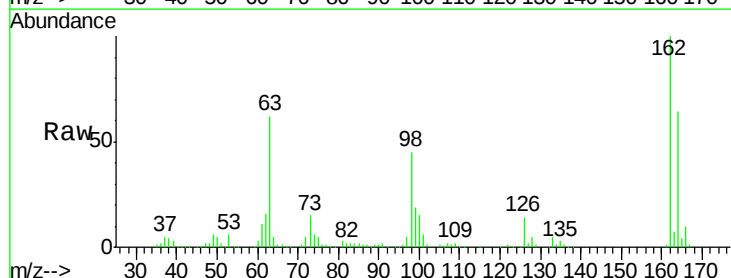
Instrument :
BNA_F
ClientSampleId :
PB91807BS

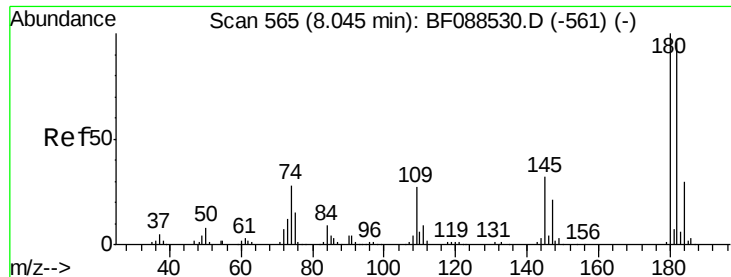
Tgt Ion: 93 Resp: 624616
Ion Ratio Lower Upper
93 100
95 32.1 26.5 39.7
123 10.5 11.6 17.4#



#29
2,4-Dichlorophenol
Concen: 42.24 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF088776.D
Acq: 7 Jul 2016 13:15

Tgt Ion: 162 Resp: 401889
Ion Ratio Lower Upper
162 100
164 64.3 43.8 83.8
98 44.9 21.3 61.3

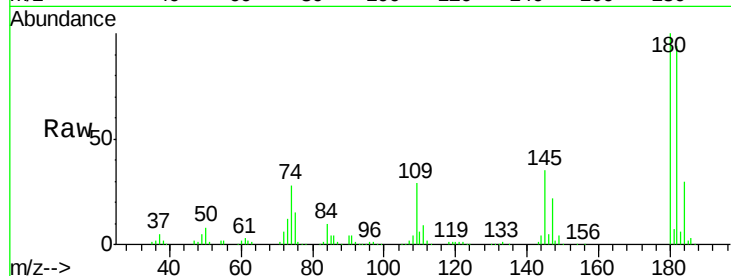




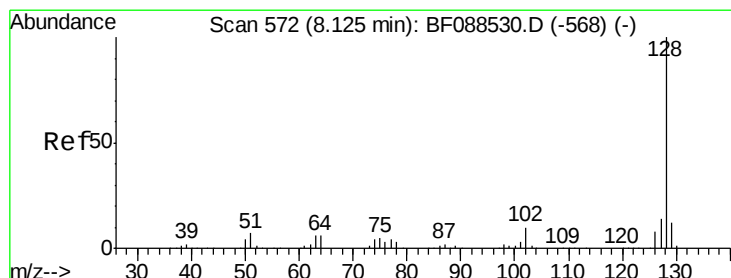
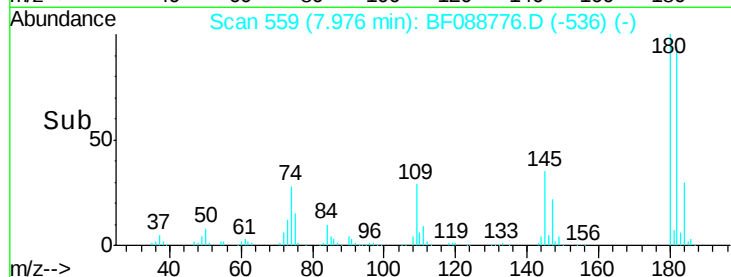
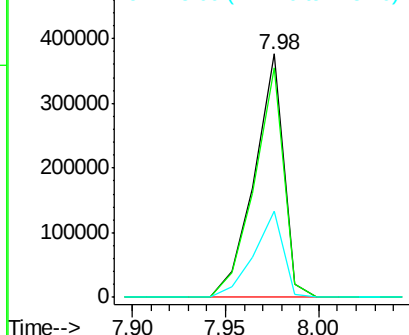
#30
 1,2,4-Trichlorobenzene
 Concen: 39.74 ng
 RT: 7.98 min Scan# 559
 Delta R.T. -0.03 min
 Lab File: BF088776.D
 Acq: 7 Jul 2016 13:15

Instrument :
 BNA_F
 ClientSampleId :
 PB91807BS

Tgt Ion:180 Resp: 414934
 Ion Ratio Lower Upper
 180 100
 182 94.5 76.0 114.0
 145 35.2 26.5 39.7

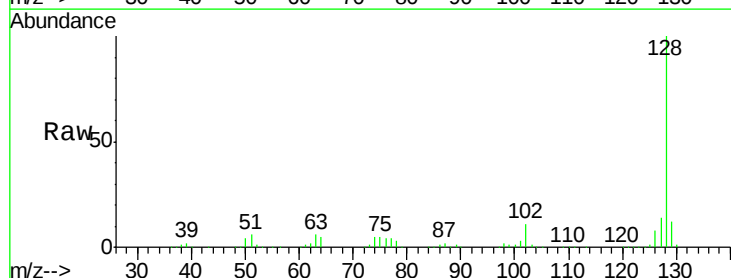


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

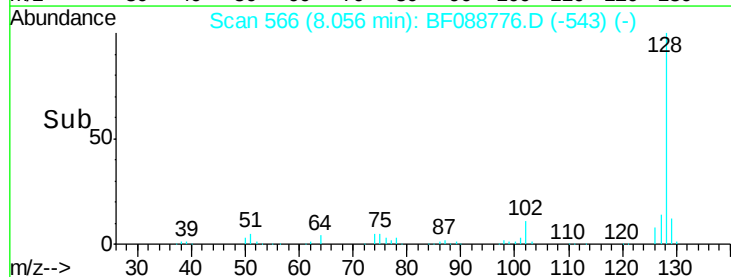
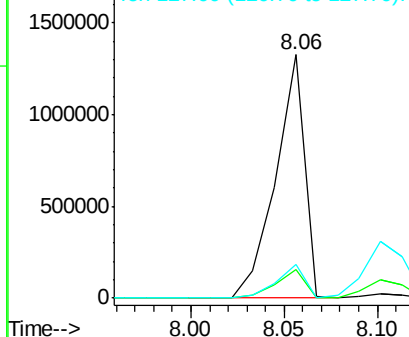


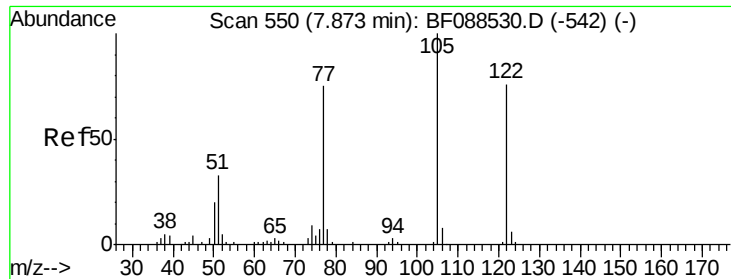
#31
 Naphthalene
 Concen: 40.66 ng
 RT: 8.06 min Scan# 566
 Delta R.T. -0.03 min
 Lab File: BF088776.D
 Acq: 7 Jul 2016 13:15

Tgt Ion:128 Resp: 1436045
 Ion Ratio Lower Upper
 128 100
 129 11.5 9.4 14.2
 127 13.9 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: 37.30 ng

RT: 7.87 min Scan# 550

Delta R.T. 0.01 min

Lab File: BF088776.D

Acq: 7 Jul 2016 13:15

Instrument :

BNA_F

ClientSampleId :

PB91807BS

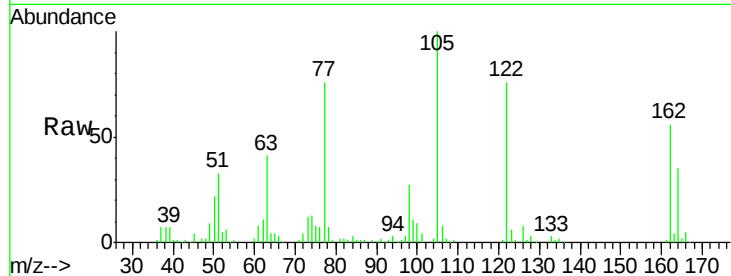
Tgt Ion:122 Resp: 318787

Ion Ratio Lower Upper

122 100

105 130.7 101.6 141.6

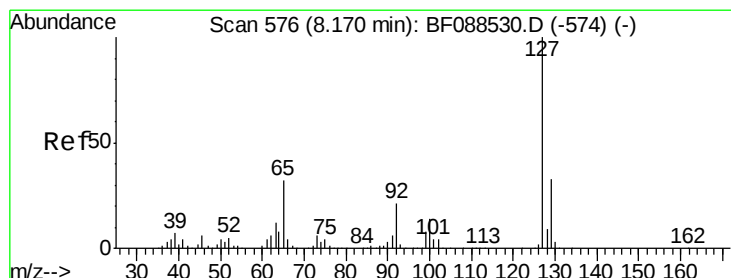
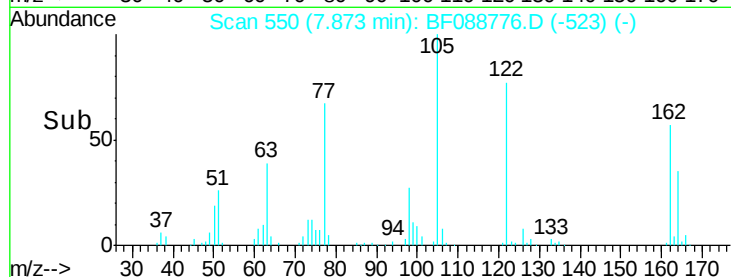
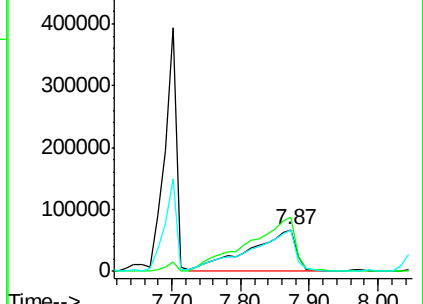
77 100.0 70.6 110.6



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: 29.99 ng

RT: 8.10 min Scan# 570

Delta R.T. -0.03 min

Lab File: BF088776.D

Acq: 7 Jul 2016 13:15

Tgt Ion:127 Resp: 471287

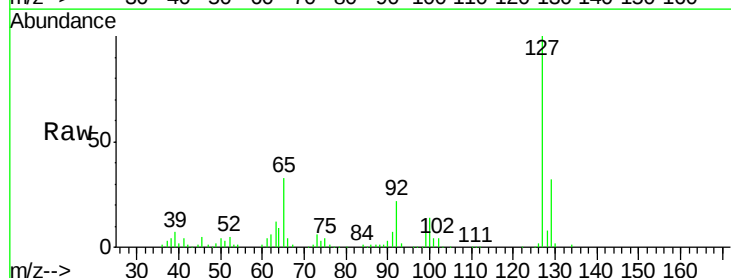
Ion Ratio Lower Upper

127 100

129 32.3 26.3 39.5

65 33.2 24.7 37.1

92 21.6 15.4 23.0

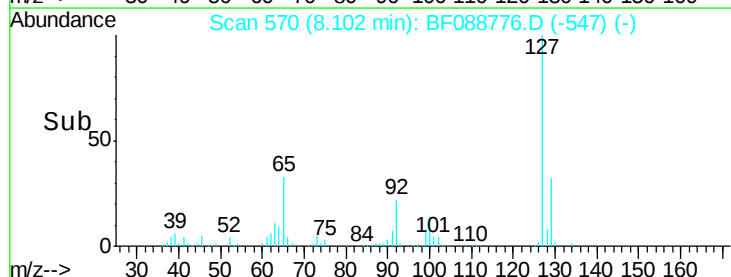
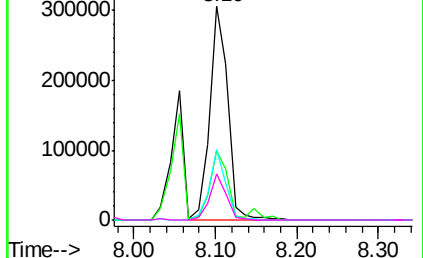


Abundance Ion 127.00 (126.70 to 127.70): E

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

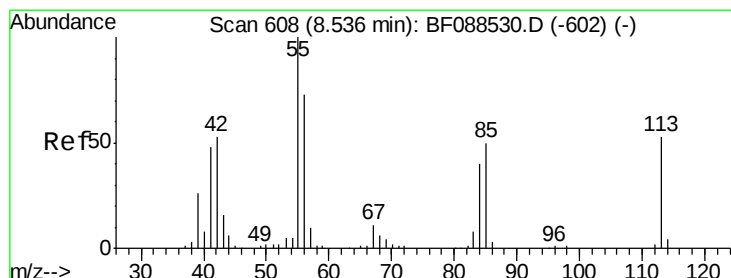
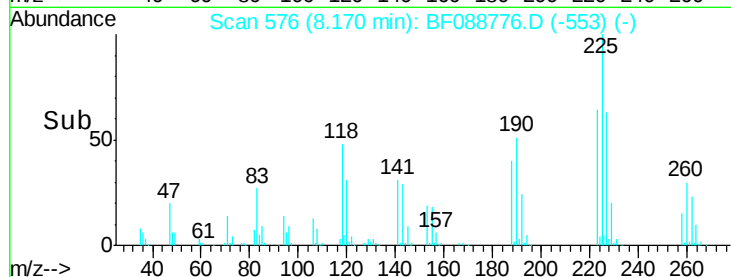
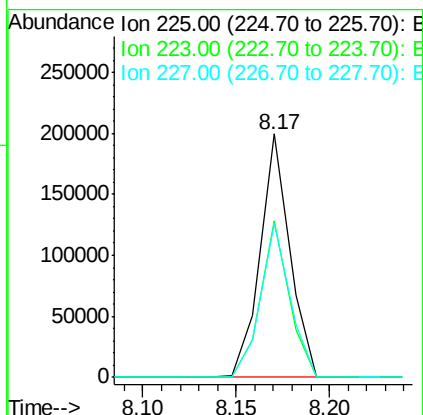
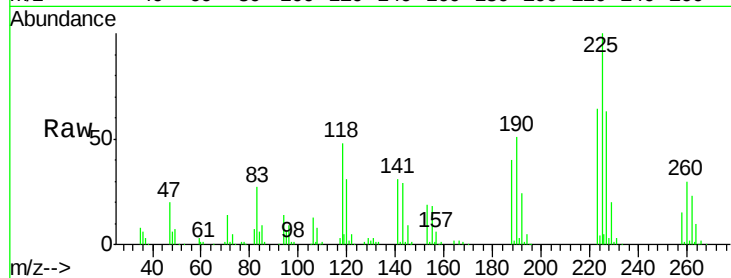




#34
Hexachlorobutadiene
Concen: 39.02 ng
RT: 8.17 min Scan# 576
Delta R.T. -0.03 min
Lab File: BF088776.D
Acq: 7 Jul 2016 13:15

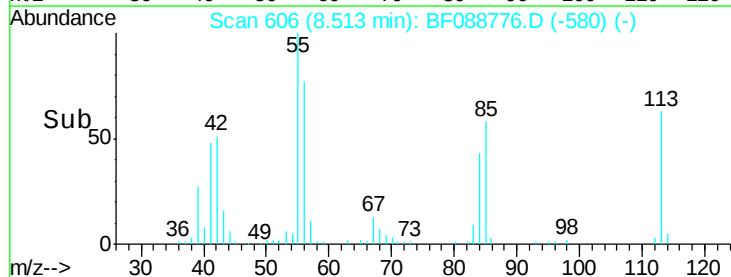
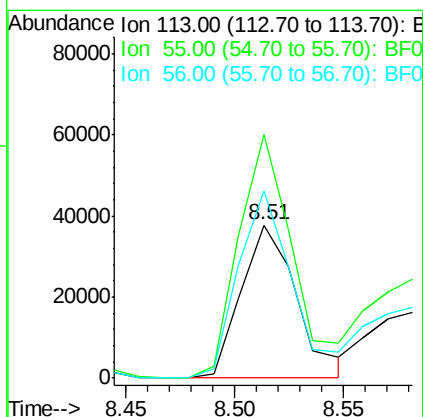
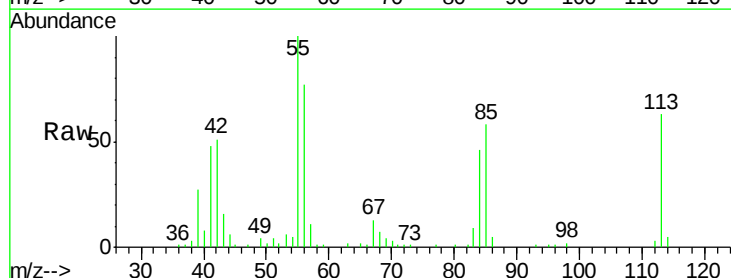
Instrument :
BNA_F
ClientSampleId :
PB91807BS

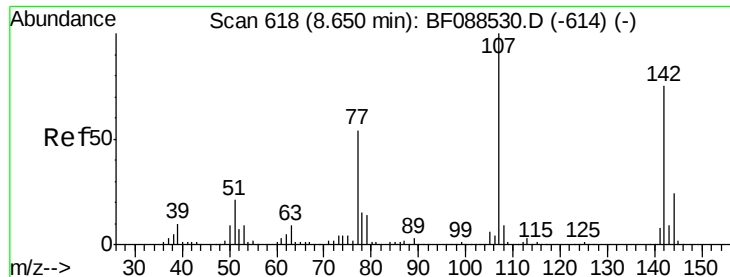
Tgt Ion: 225 Resp: 218126
Ion Ratio Lower Upper
225 100
223 64.1 50.9 76.3
227 63.1 51.9 77.9



#35
Caprolactam
Concen: 20.87 ng
RT: 8.51 min Scan# 606
Delta R.T. 0.00 min
Lab File: BF088776.D
Acq: 7 Jul 2016 13:15

Tgt Ion: 113 Resp: 67448
Ion Ratio Lower Upper
113 100
55 159.2 158.6 198.6
56 122.9 110.6 150.6

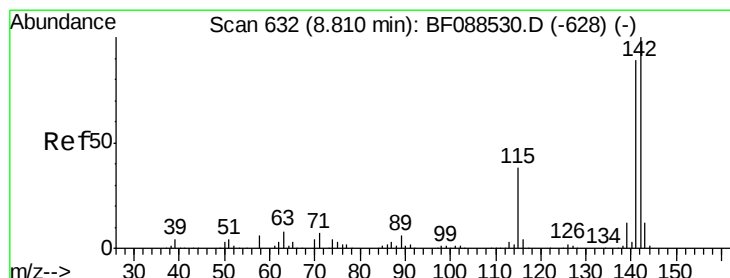
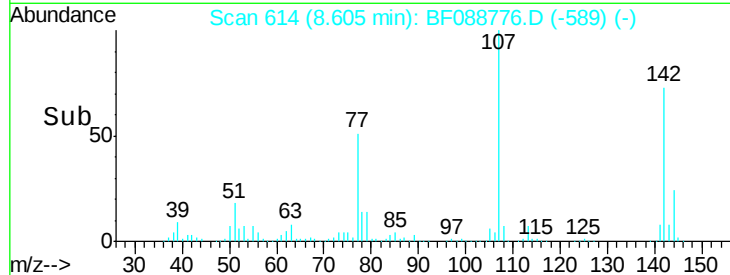
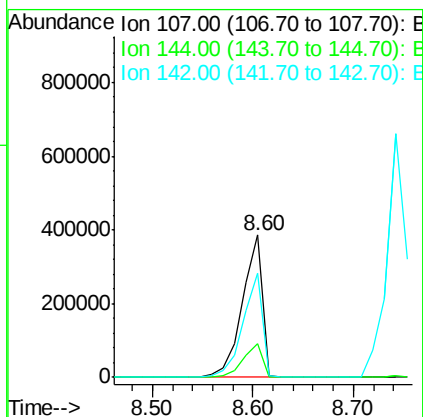
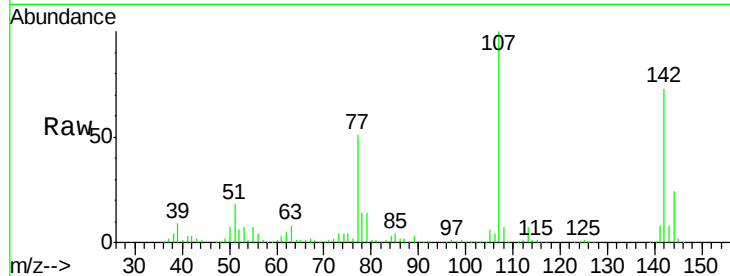




#36
 4-Chloro-3-methylphenol
 Concen: 47.38 ng
 RT: 8.60 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF088776.D
 Acq: 7 Jul 2016 13:15

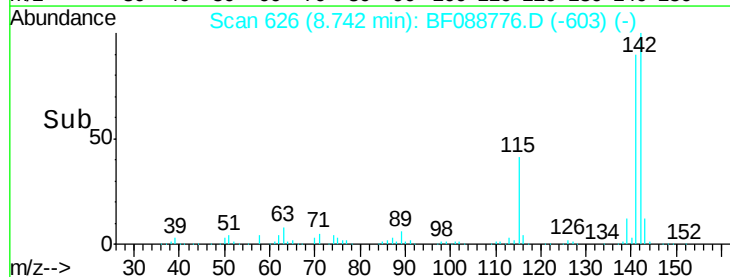
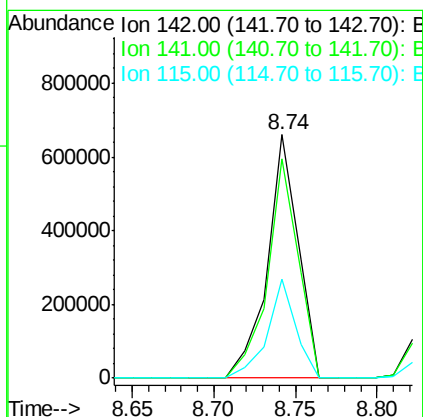
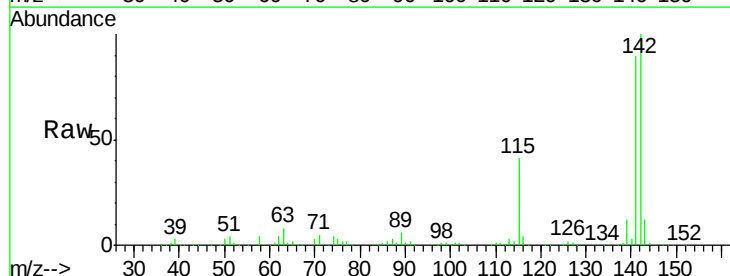
Instrument :
 BNA_F
 ClientSampleId :
 PB91807BS

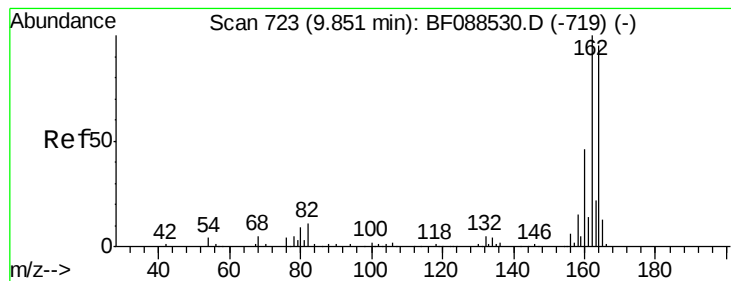
Tgt Ion:107 Resp: 533031
 Ion Ratio Lower Upper
 107 100
 144 24.1 20.8 31.2
 142 73.2 63.4 95.2



#37
 2-Methylnaphthalene
 Concen: 38.27 ng
 RT: 8.74 min Scan# 626
 Delta R.T. -0.03 min
 Lab File: BF088776.D
 Acq: 7 Jul 2016 13:15

Tgt Ion:142 Resp: 870337
 Ion Ratio Lower Upper
 142 100
 141 90.1 71.0 106.6
 115 40.8 22.6 33.8#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.03 min

Lab File: BF088776.D

Acq: 7 Jul 2016 13:15

Instrument :

BNA_F

ClientSampleId :

PB91807BS

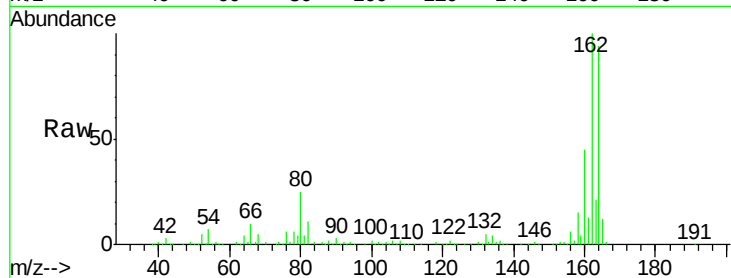
Tgt Ion:164 Resp: 328523

Ion Ratio Lower Upper

164 100

162 106.4 85.4 128.2

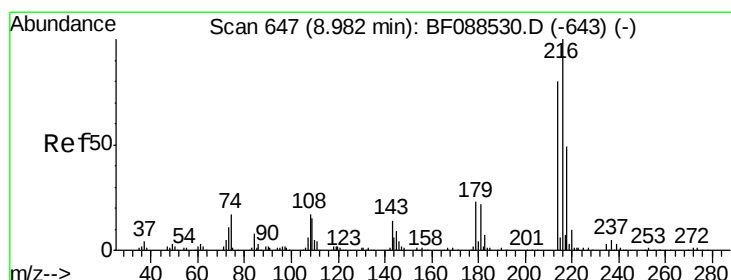
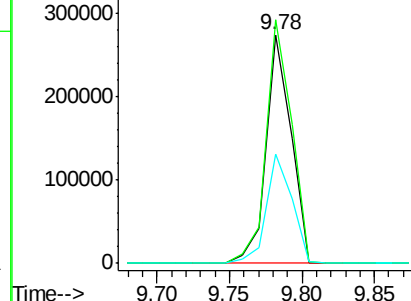
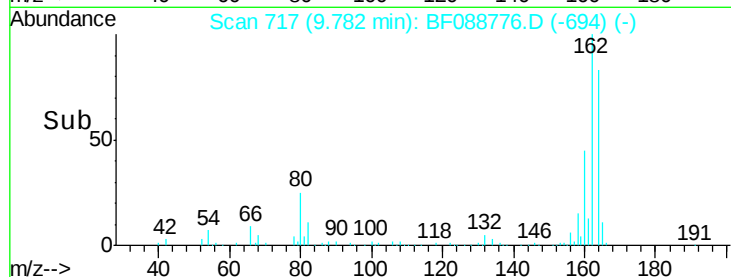
160 47.6 39.5 59.3



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: 32.54 ng

RT: 8.91 min Scan# 641

Delta R.T. -0.03 min

Lab File: BF088776.D

Acq: 7 Jul 2016 13:15

Tgt Ion:216 Resp: 355591

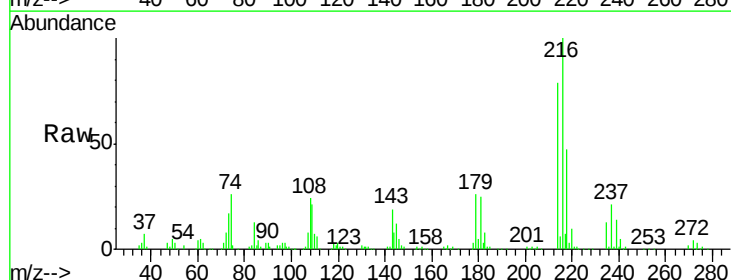
Ion Ratio Lower Upper

216 100

214 78.6 2.9 4.3#

179 24.7 0.0 0.0#

108 26.9 0.5 0.7#

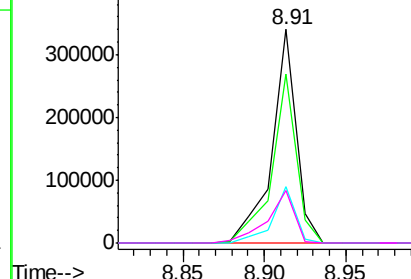
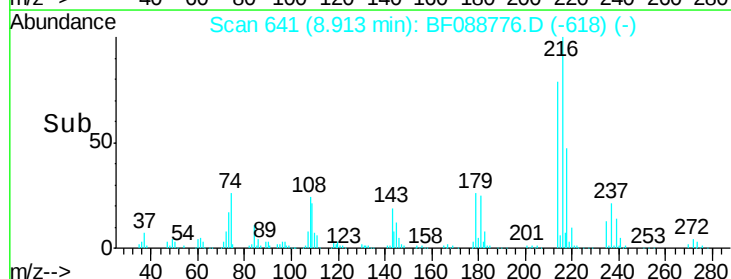


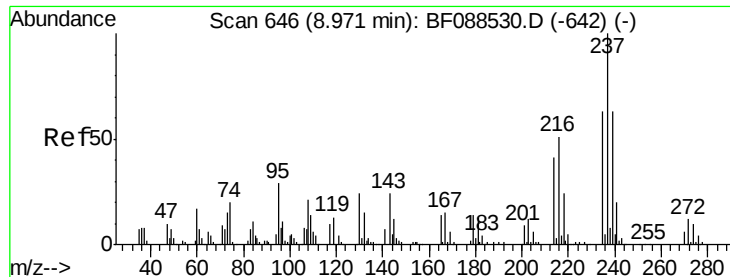
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#40

Hexachlorocyclopentadiene

Concen: 76.43 ng

RT: 8.90 min Scan# 640

Delta R.T. -0.03 min

Lab File: BF088776.D

Acq: 7 Jul 2016 13:15

Instrument :

BNA_F

ClientSampleId :

PB91807BS

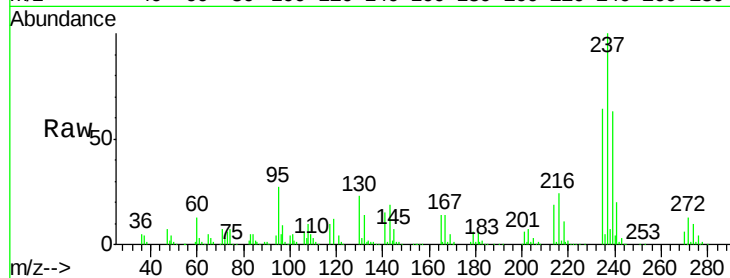
Tgt Ion:237 Resp: 409895

Ion Ratio Lower Upper

237 100

235 63.9 43.4 83.4

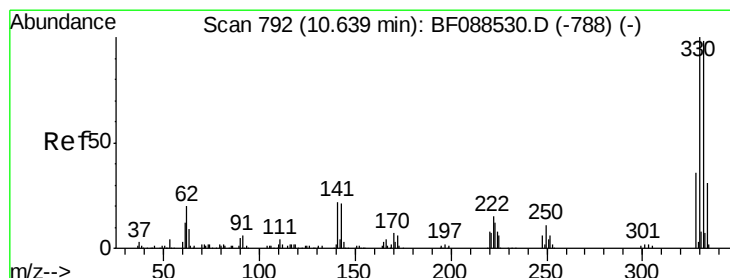
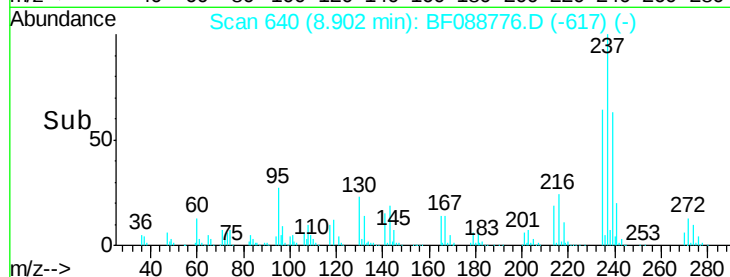
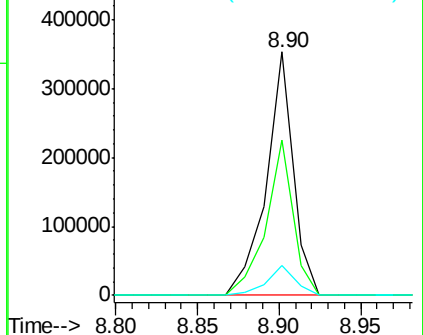
272 12.5 0.0 32.3



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: 141.43 ng

RT: 10.58 min Scan# 787

Delta R.T. -0.02 min

Lab File: BF088776.D

Acq: 7 Jul 2016 13:15

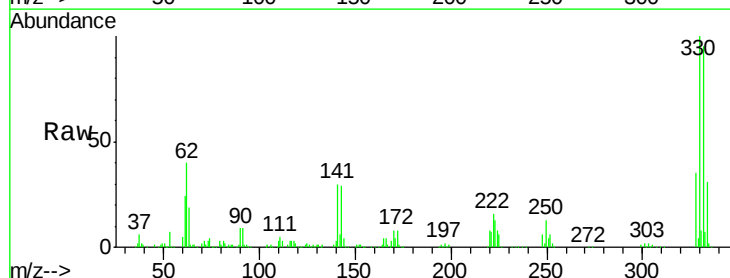
Tgt Ion:330 Resp: 431447

Ion Ratio Lower Upper

330 100

332 95.5 0.0 0.0#

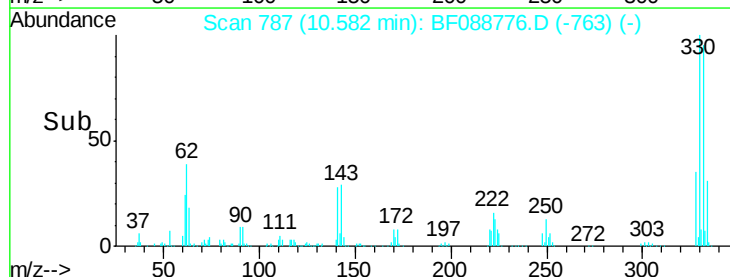
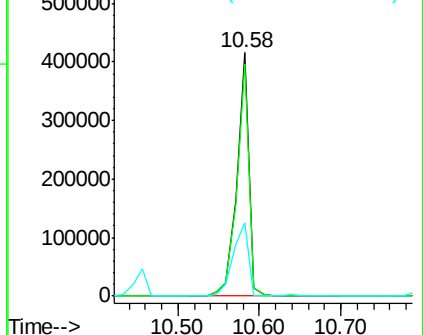
141 38.4 0.0 0.0#

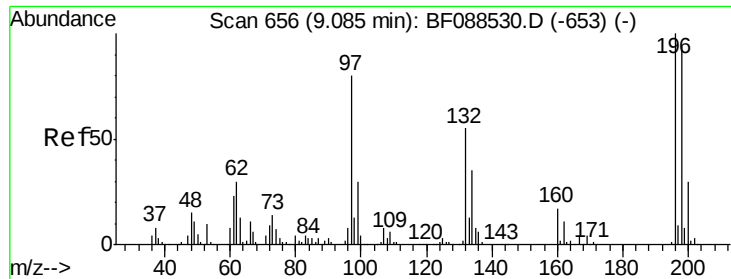


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

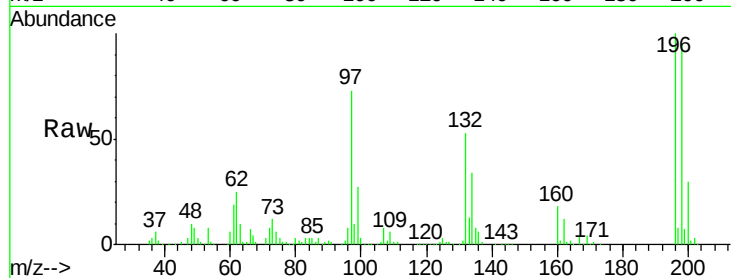




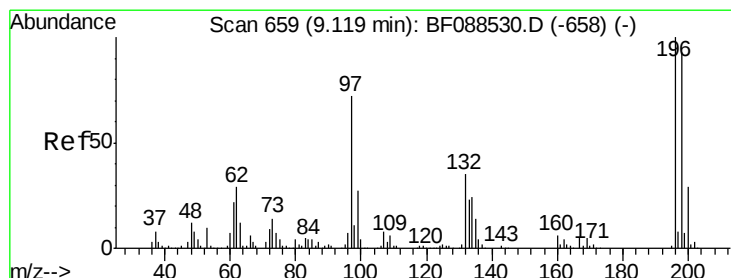
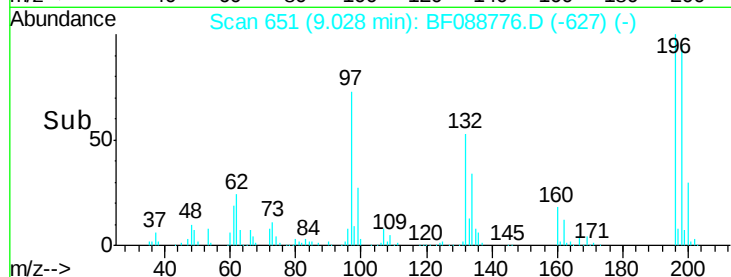
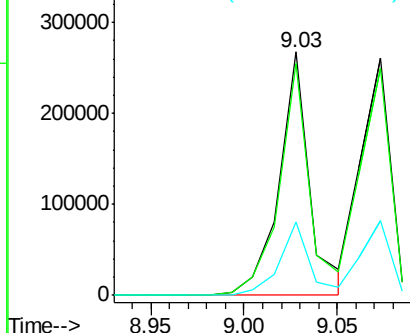
#42
 2,4,6-Trichlorophenol
 Concen: 42.27 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.02 min
 Lab File: BF088776.D
 Acq: 7 Jul 2016 13:15

Instrument :
 BNA_F
 ClientSampleID :
 PB91807BS

Tgt Ion:196 Resp: 304536
 Ion Ratio Lower Upper
 196 100
 198 95.2 78.0 117.0
 200 30.3 25.4 38.2



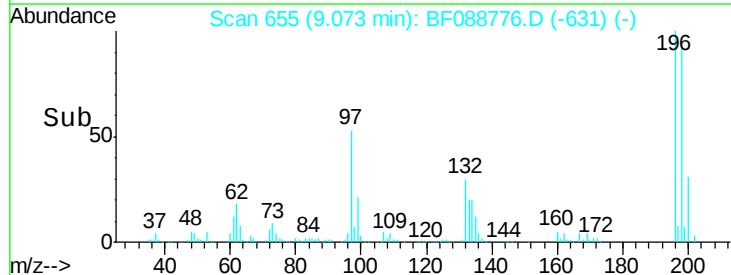
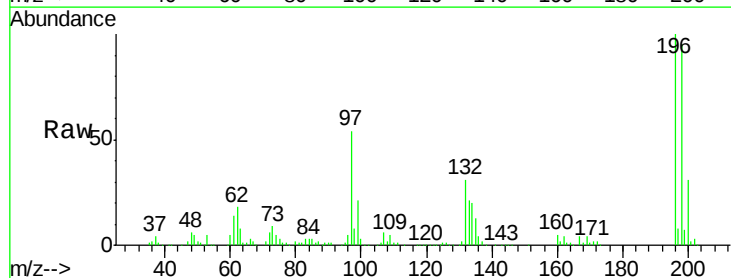
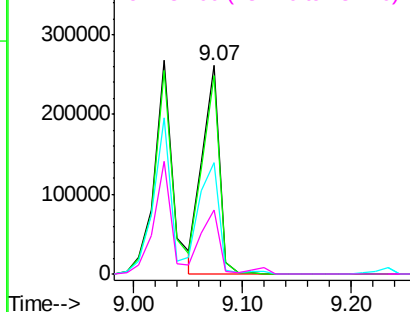
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

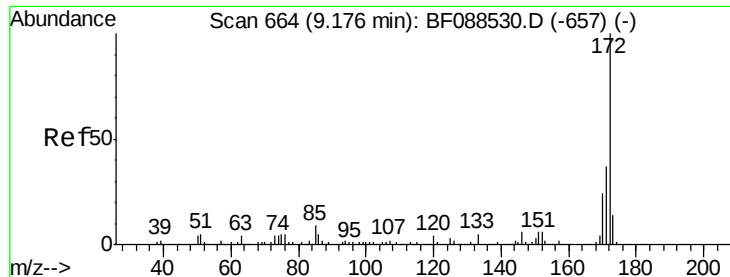


#43
 2,4,5-Trichlorophenol
 Concen: 46.60 ng
 RT: 9.07 min Scan# 655
 Delta R.T. -0.02 min
 Lab File: BF088776.D
 Acq: 7 Jul 2016 13:15

Tgt Ion:196 Resp: 288831
 Ion Ratio Lower Upper
 196 100
 198 95.2 77.5 116.3
 97 53.7 32.0 48.0#
 132 30.6 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

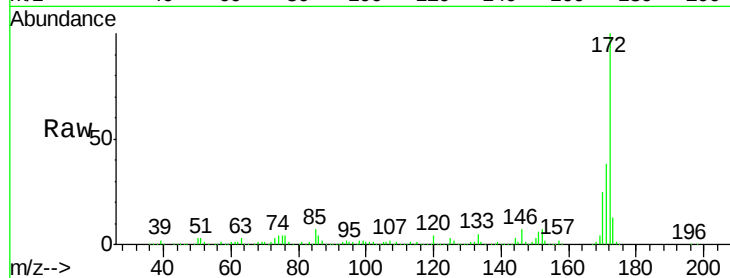




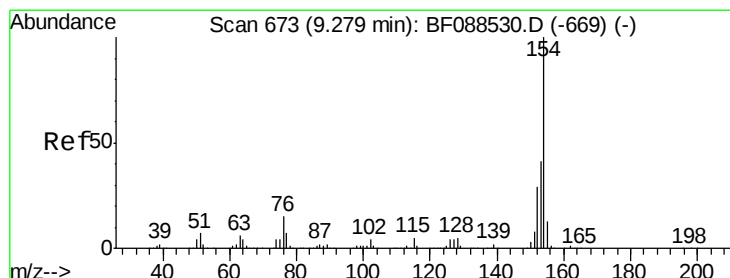
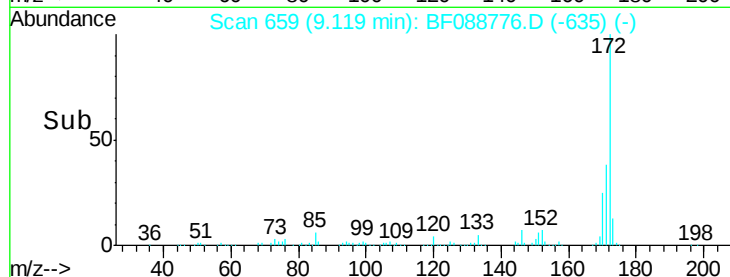
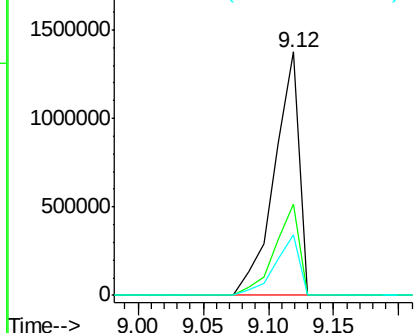
#44
 2-Fluorobiphenyl
 Concen: 87.78 ng
 RT: 9.12 min Scan# 659
 Delta R.T. -0.02 min
 Lab File: BF088776.D
 Acq: 7 Jul 2016 13:15

Instrument :
 BNA_F
 ClientSampleId :
 PB91807BS

Tgt Ion:172 Resp: 1825763
 Ion Ratio Lower Upper
 172 100
 171 37.6 28.6 43.0
 170 24.9 19.2 28.8

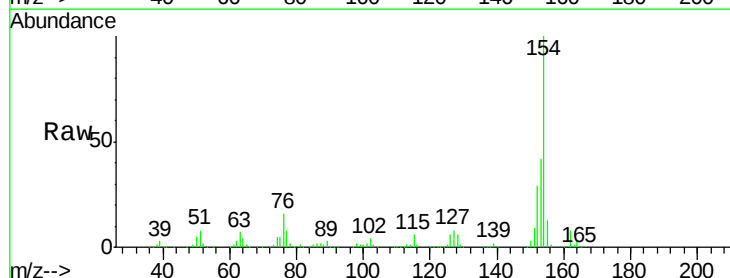


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

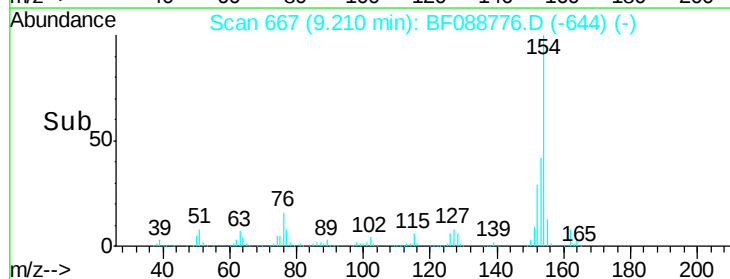
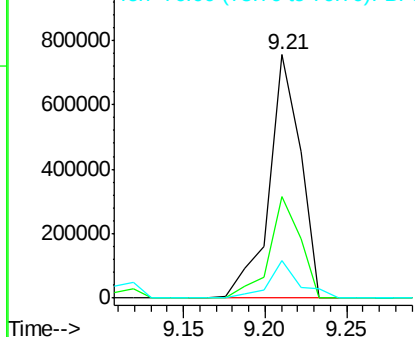


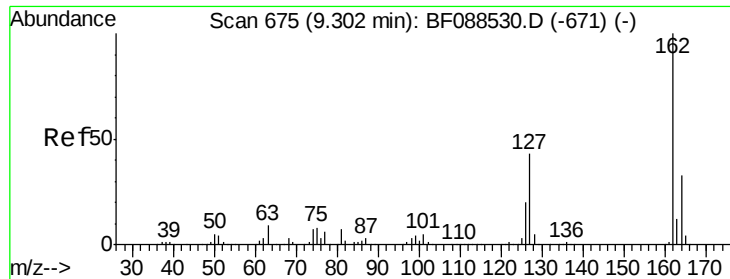
#45
 1,1'-Biphenyl
 Concen: 37.06 ng
 RT: 9.21 min Scan# 667
 Delta R.T. -0.03 min
 Lab File: BF088776.D
 Acq: 7 Jul 2016 13:15

Tgt Ion:154 Resp: 1008285
 Ion Ratio Lower Upper
 154 100
 153 41.6 20.6 60.6
 76 15.7 0.0 35.1



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

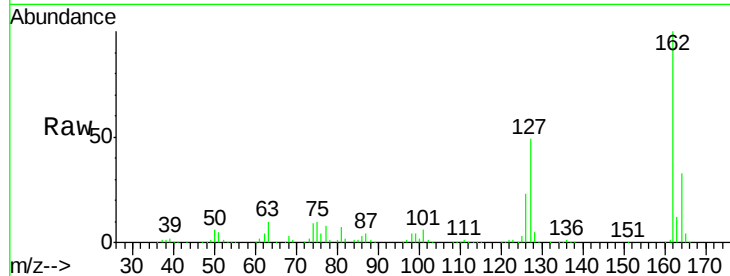




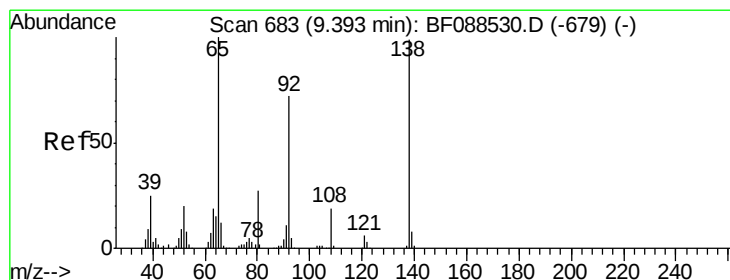
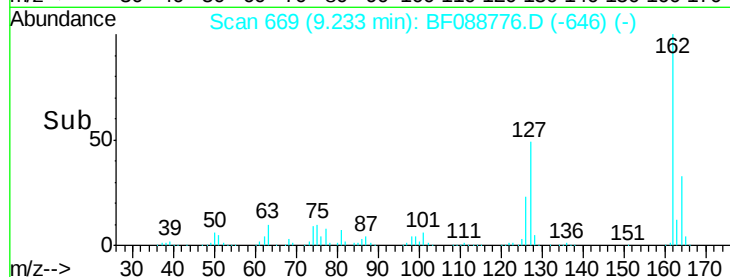
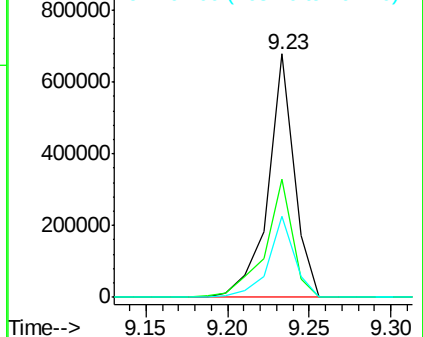
#46
 2-Chloronaphthalene
 Concen: 35.69 ng
 RT: 9.23 min Scan# 669
 Delta R.T. -0.03 min
 Lab File: BF088776.D
 Acq: 7 Jul 2016 13:15

Instrument :
 BNA_F
 ClientSampleId :
 PB91807BS

Tgt Ion: 162 Resp: 762106
 Ion Ratio Lower Upper
 162 100
 127 48.7 35.2 52.8
 164 33.1 26.6 39.8

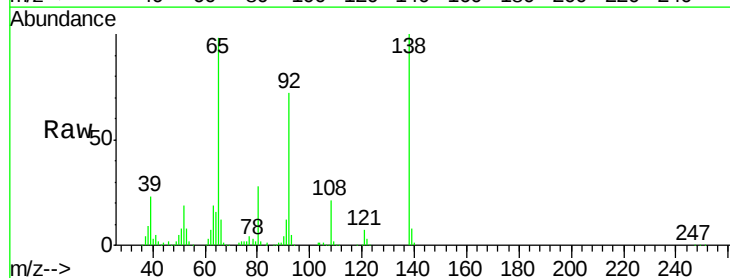


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

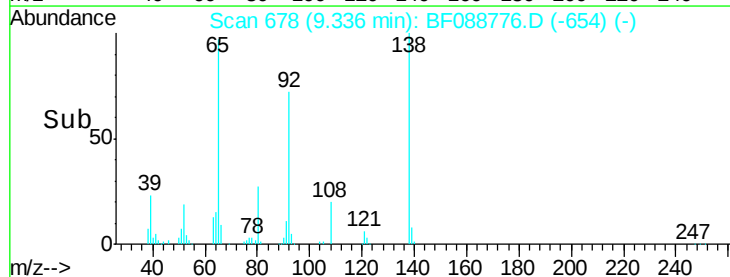
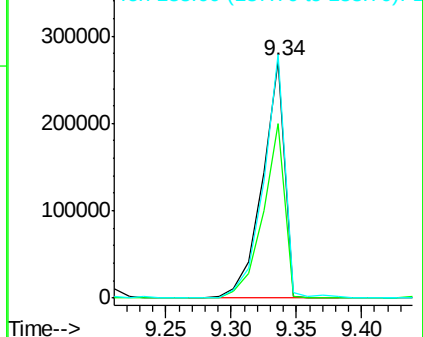


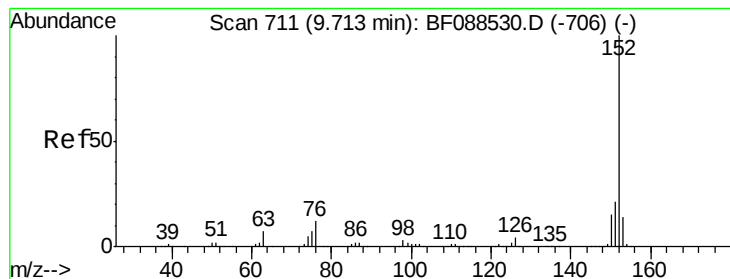
#47
 2-Nitroaniline
 Concen: 42.66 ng
 RT: 9.34 min Scan# 678
 Delta R.T. -0.02 min
 Lab File: BF088776.D
 Acq: 7 Jul 2016 13:15

Tgt Ion: 65 Resp: 323358
 Ion Ratio Lower Upper
 65 100
 92 73.4 54.6 82.0
 138 102.4 77.0 115.4



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





#48

Acenaphthylene

Concen: 39.00 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.03 min

Lab File: BF088776.D

Acq: 7 Jul 2016 13:15

Instrument :

BNA_F

ClientSampleId :

PB91807BS

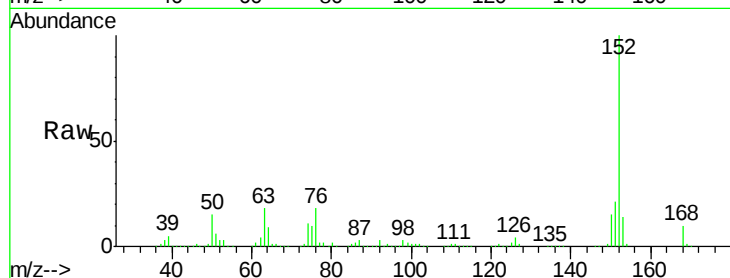
Tgt Ion:152 Resp: 1325200

Ion Ratio Lower Upper

152 100

151 20.6 16.2 24.4

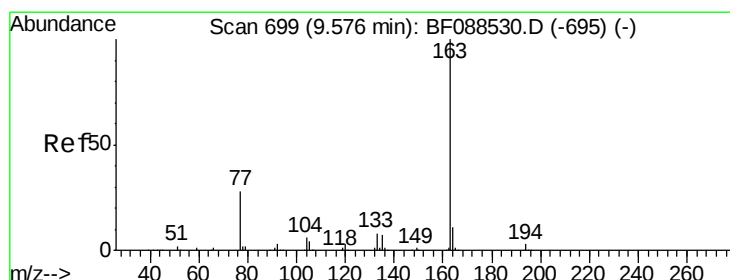
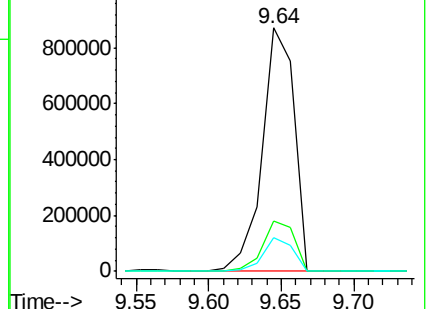
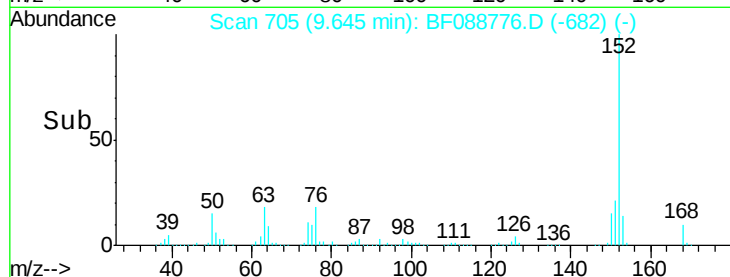
153 13.7 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 41.45 ng

RT: 9.53 min Scan# 695

Delta R.T. -0.01 min

Lab File: BF088776.D

Acq: 7 Jul 2016 13:15

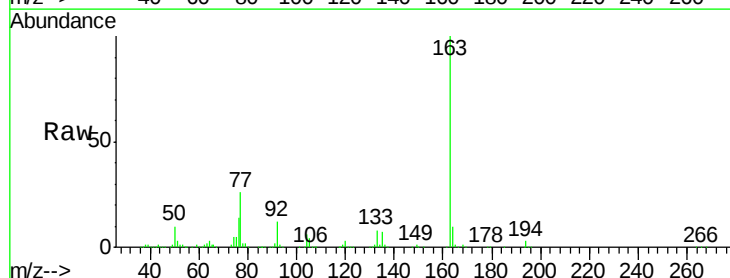
Tgt Ion:163 Resp: 970131

Ion Ratio Lower Upper

163 100

194 3.4 2.8 4.2

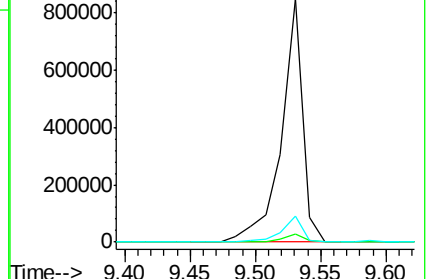
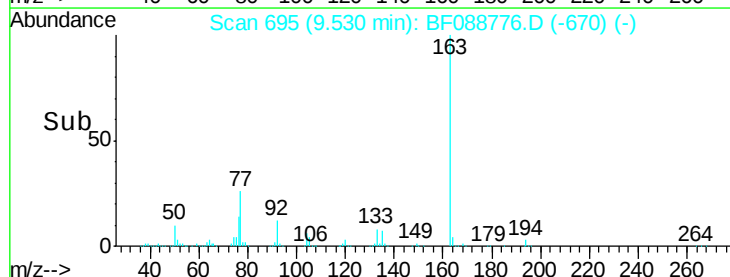
164 10.5 8.3 12.5

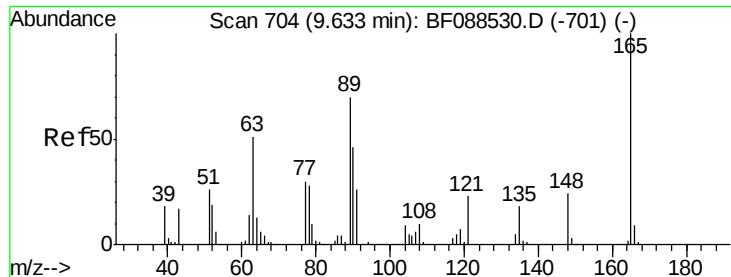


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

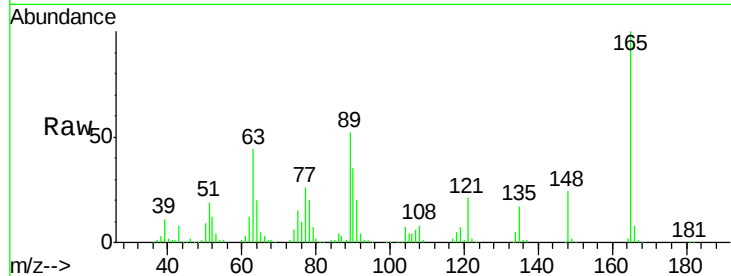




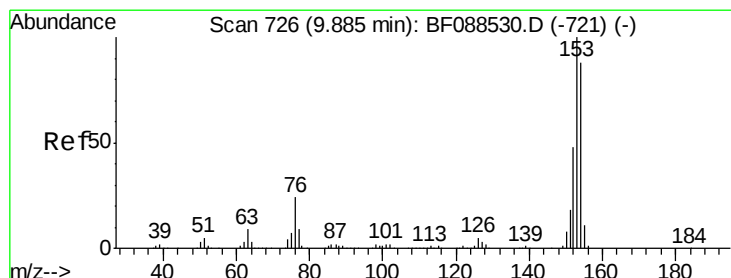
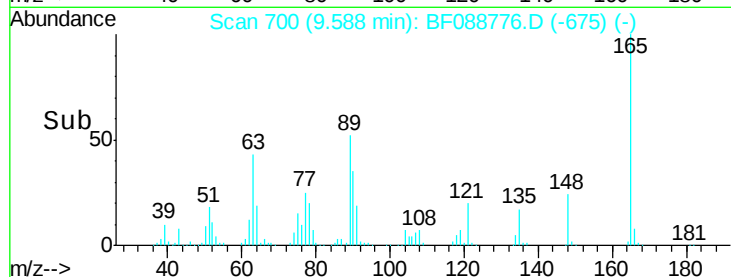
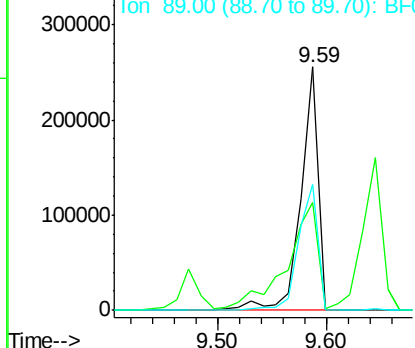
#50
2,6-Dinitrotoluene
Concen: 55.00 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.01 min
Lab File: BF088776.D
Acq: 7 Jul 2016 13:15

Instrument :
BNA_F
ClientSampleId :
PB91807BS

Tgt Ion:165 Resp: 285305
Ion Ratio Lower Upper
165 100
63 44.5 28.1 42.1#
89 51.9 32.2 48.2#

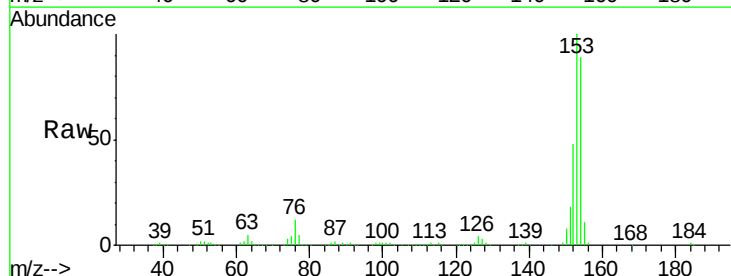


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

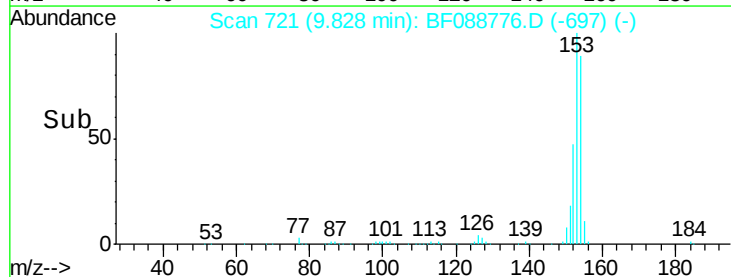
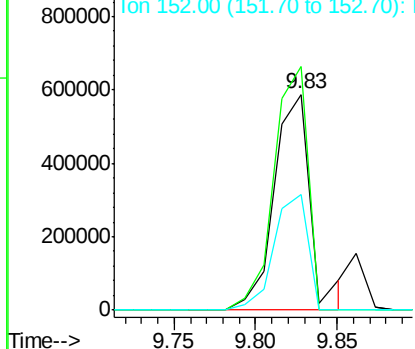


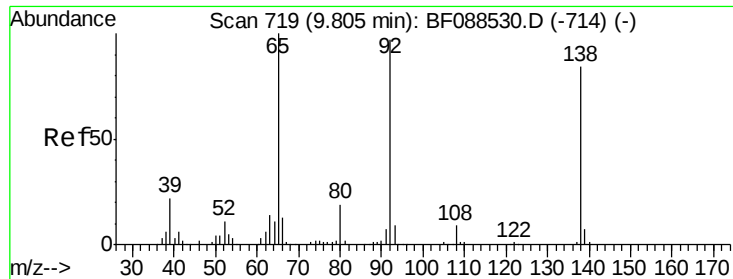
#51
Acenaphthene
Concen: 43.96 ng
RT: 9.83 min Scan# 721
Delta R.T. -0.02 min
Lab File: BF088776.D
Acq: 7 Jul 2016 13:15

Tgt Ion:154 Resp: 915690
Ion Ratio Lower Upper
154 100
153 112.9 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

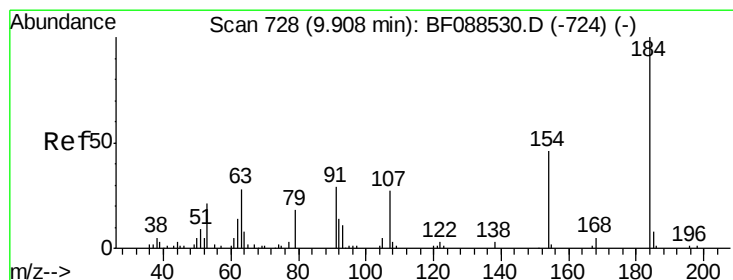
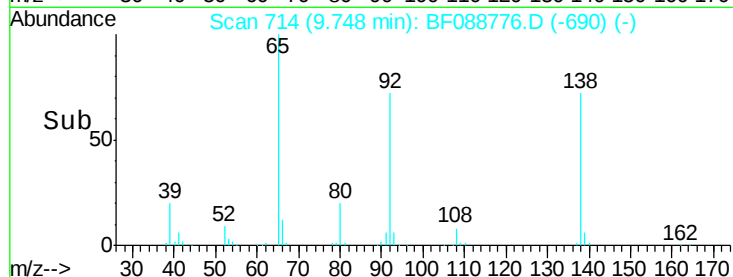
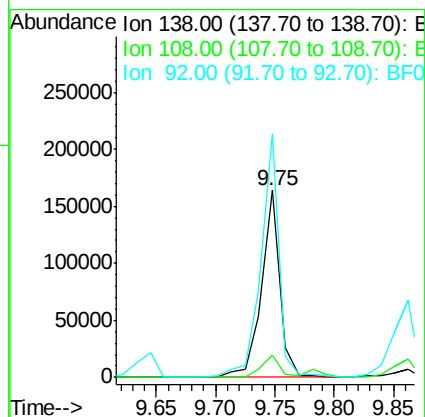
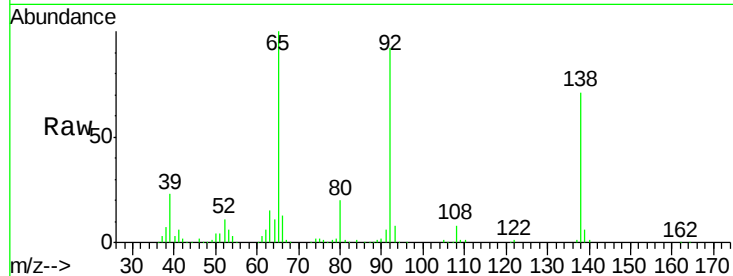




#52
3-Nitroaniline
Concen: 26.93 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.02 min
Lab File: BF088776.D
Acq: 7 Jul 2016 13:15

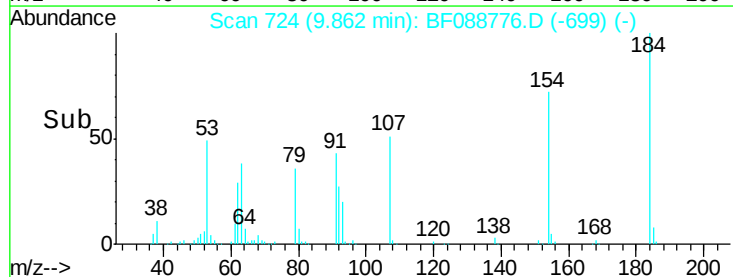
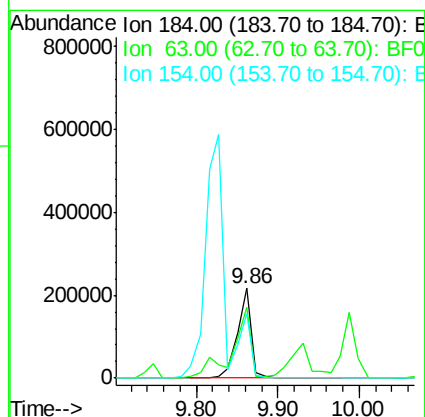
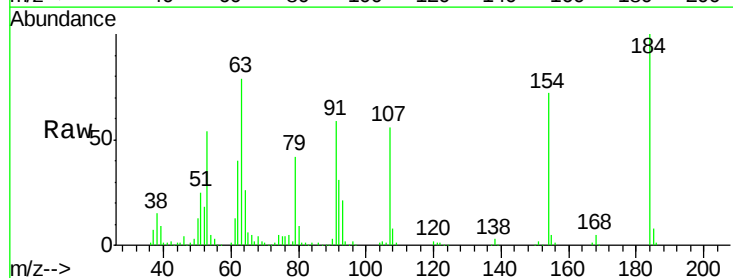
Instrument :
BNA_F
ClientSampleId :
PB91807BS

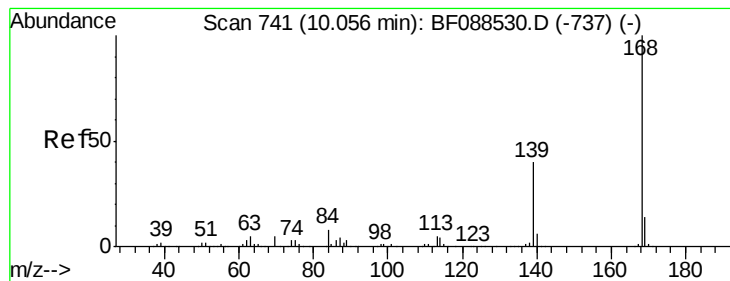
Tgt Ion:138 Resp: 177602
Ion Ratio Lower Upper
138 100
108 11.7 8.5 12.7
92 130.3 95.7 143.5



#53
2,4-Dinitrophenol
Concen: 113.49 ng
RT: 9.86 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF088776.D
Acq: 7 Jul 2016 13:15

Tgt Ion:184 Resp: 259929
Ion Ratio Lower Upper
184 100
63 79.4 57.6 86.4
154 72.3 53.5 80.3





#54

Dibenzofuran

Concen: 46.29 ng

RT: 10.00 min Scan# 736

Delta R.T. -0.02 min

Lab File: BF088776.D

Acq: 7 Jul 2016 13:15

Instrument :

BNA_F

ClientSampleId :

PB91807BS

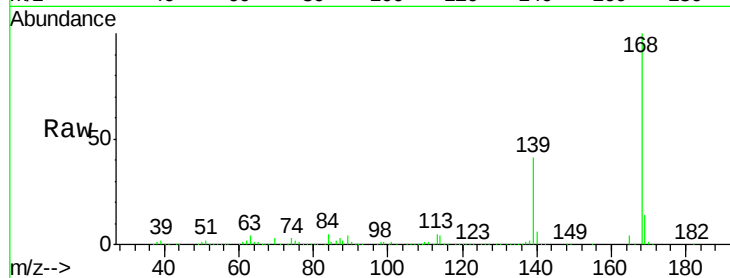
Tgt Ion:168 Resp: 1262147

Ion Ratio Lower Upper

168 100

139 41.1 26.4 39.6#

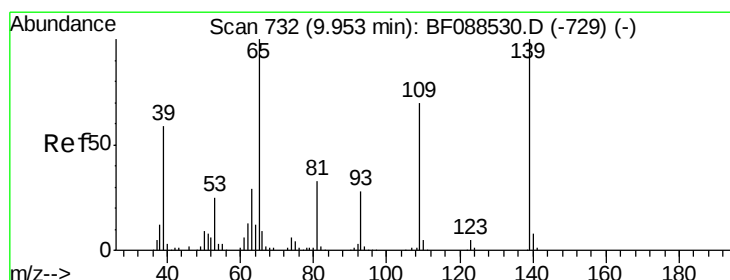
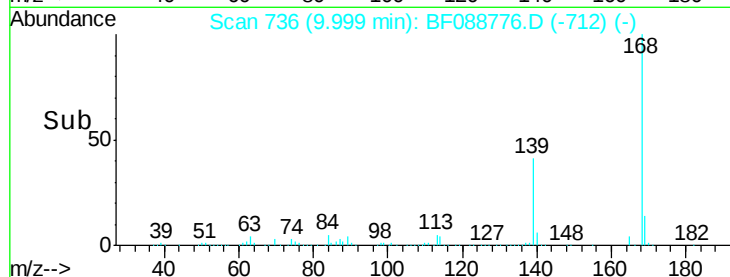
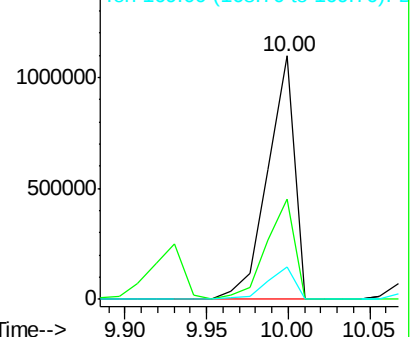
169 13.6 10.4 15.6



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: 72.04 ng

RT: 9.93 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF088776.D

Acq: 7 Jul 2016 13:15

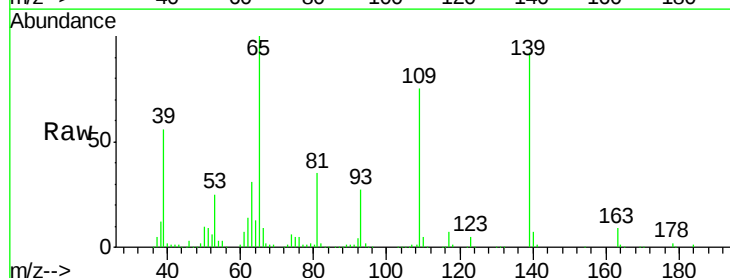
Tgt Ion:139 Resp: 361011

Ion Ratio Lower Upper

139 100

109 81.6 48.9 88.9

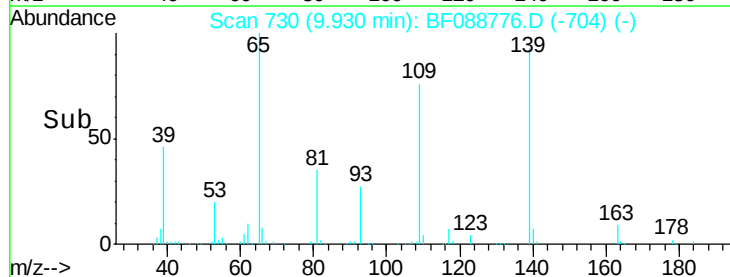
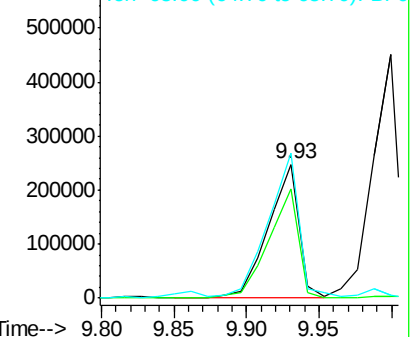
65 108.3 84.9 124.9

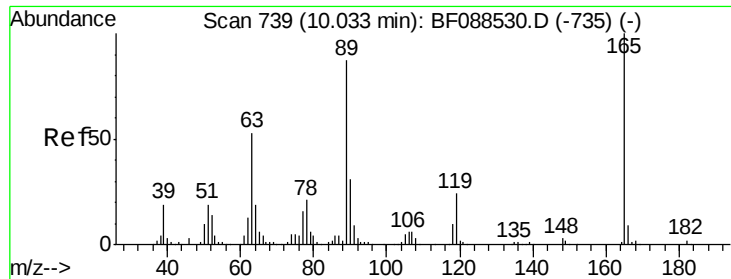


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

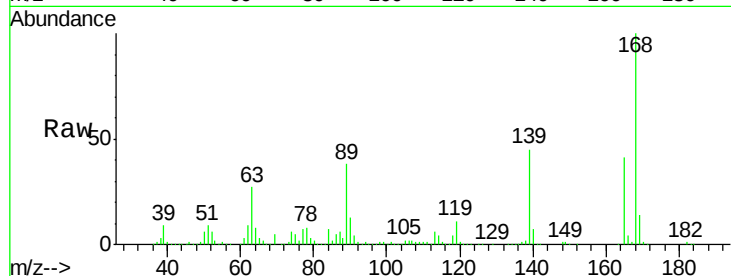




#56
2,4-Dinitrotoluene
Concen: 38.32 ng
RT: 9.99 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF088776.D
Acq: 7 Jul 2016 13:15

Instrument :
BNA_F
ClientSampleId :
PB91807BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	65.2	22.0	33.0#
89	92.5	41.1	61.7#
182	2.5	2.0	3.0

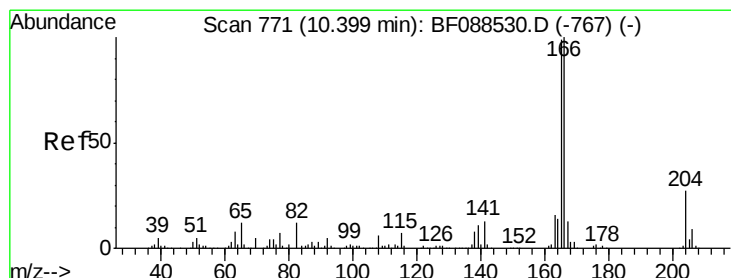
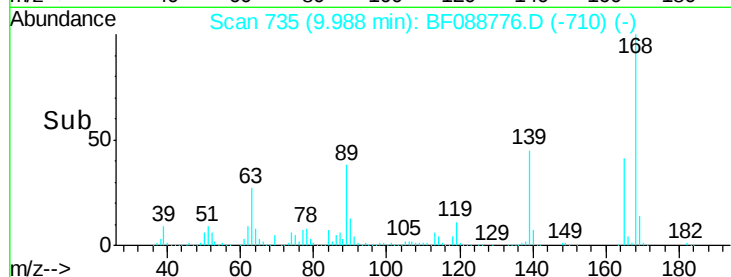
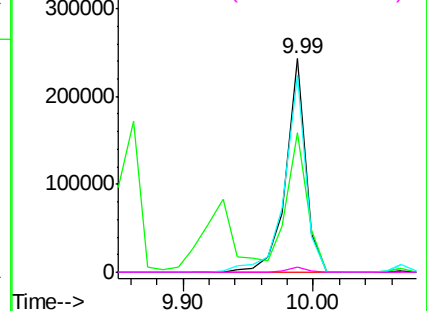


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

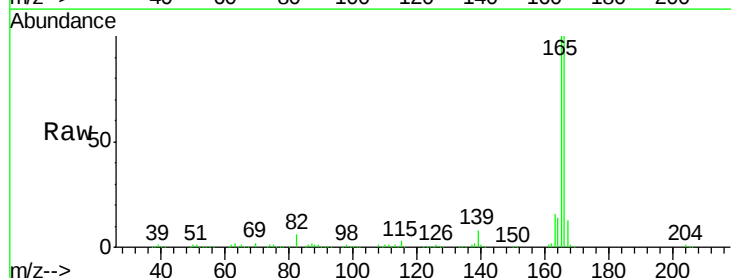
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 42.53 ng
RT: 10.34 min Scan# 766
Delta R.T. -0.02 min
Lab File: BF088776.D
Acq: 7 Jul 2016 13:15

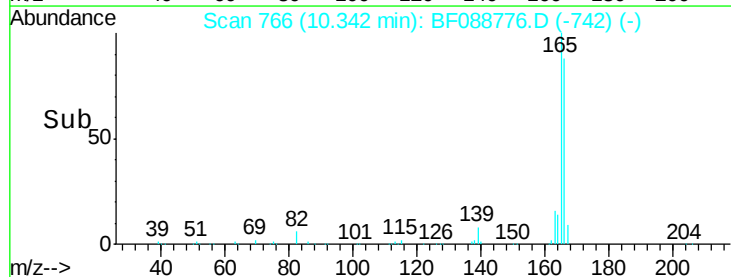
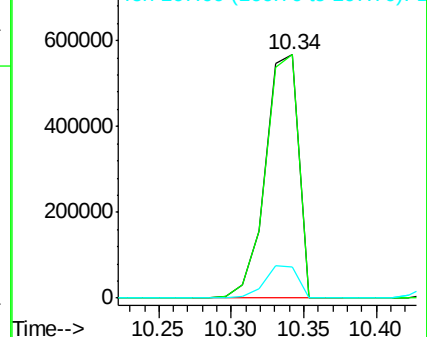
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.9	77.8	116.8
167	13.0	11.2	16.8



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

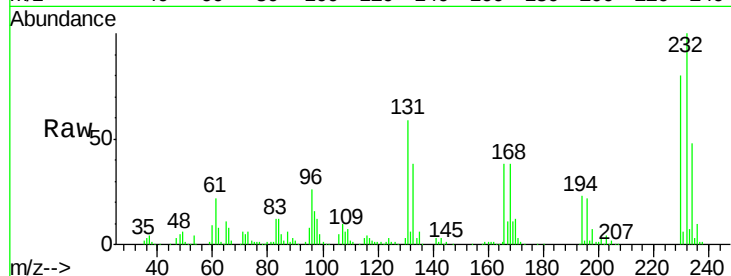




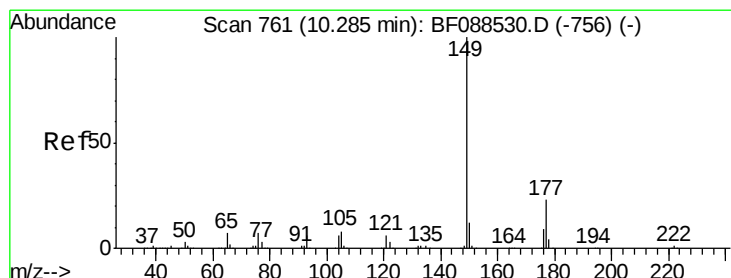
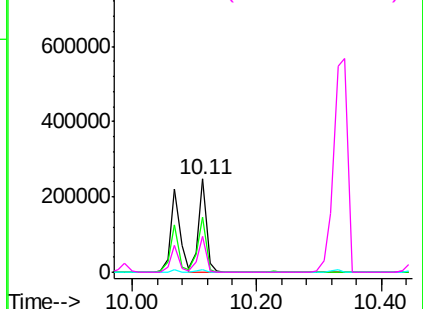
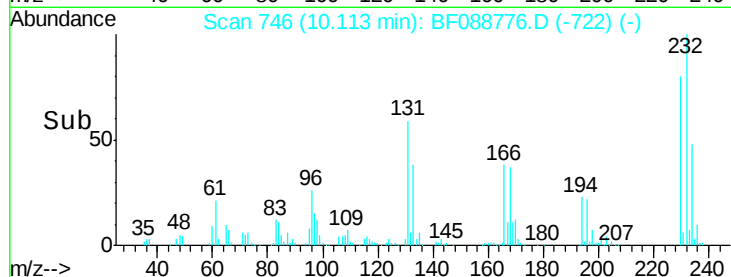
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.97 ng
 RT: 10.11 min Scan# 746
 Delta R.T. -0.02 min
 Lab File: BF088776.D
 Acq: 7 Jul 2016 13:15

Instrument :
 BNA_F
 ClientSampleId :
 PB91807BS

Tgt Ion: 232 Resp: 230045
 Ion Ratio Lower Upper
 232 100
 131 58.9 0.9 1.3#
 130 3.1 1.5 2.3#
 166 38.3 0.5 0.7#

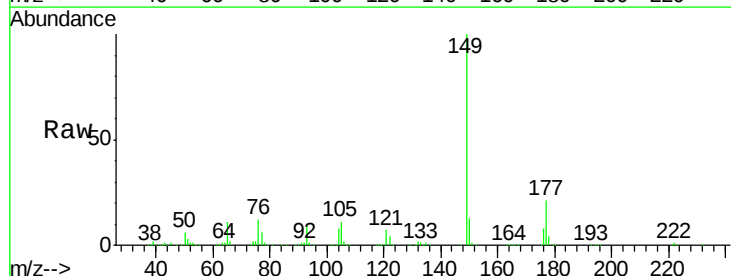


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

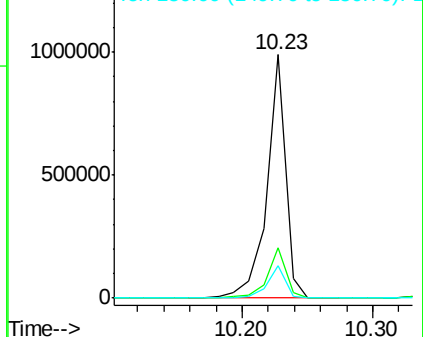
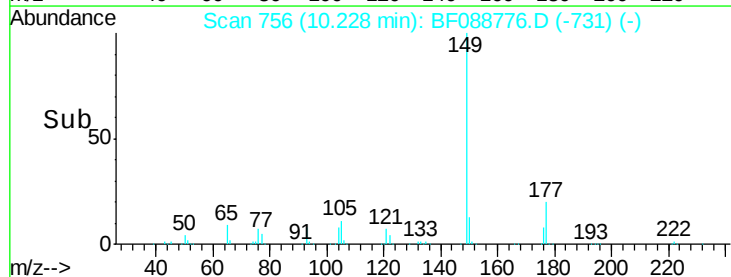


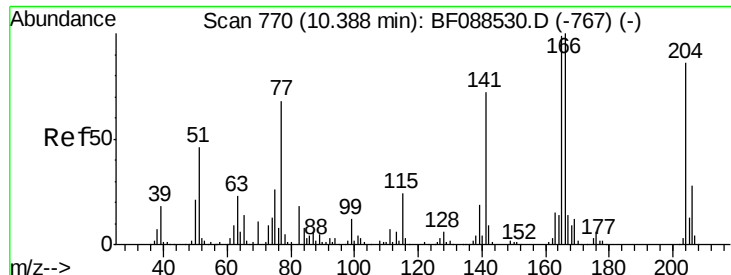
#59
 Diethylphthalate
 Concen: 42.33 ng
 RT: 10.23 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF088776.D
 Acq: 7 Jul 2016 13:15

Tgt Ion: 149 Resp: 994356
 Ion Ratio Lower Upper
 149 100
 177 20.5 16.9 25.3
 150 13.1 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

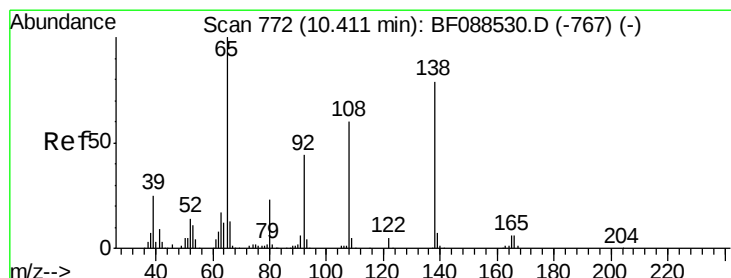
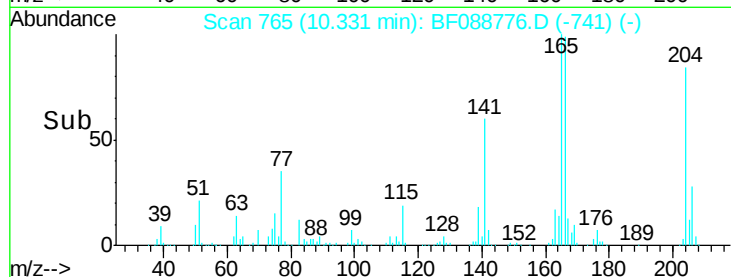
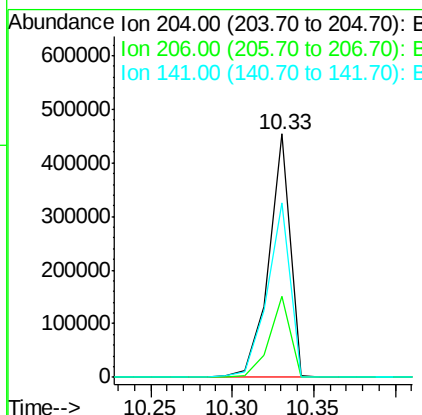
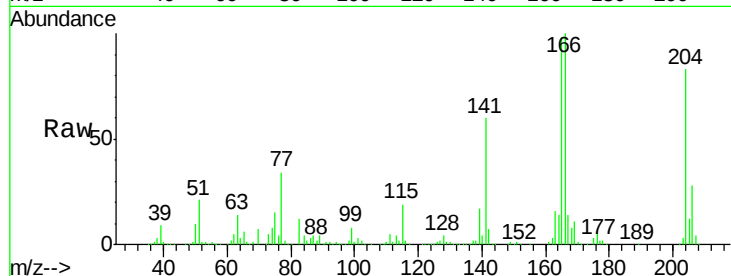




#60
 4-Chlorophenyl-phenylether
 Concen: 42.51 ng
 RT: 10.33 min Scan# 765
 Delta R.T. -0.02 min
 Lab File: BF088776.D
 Acq: 7 Jul 2016 13:15

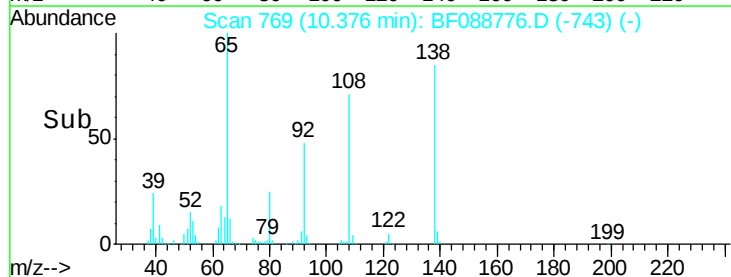
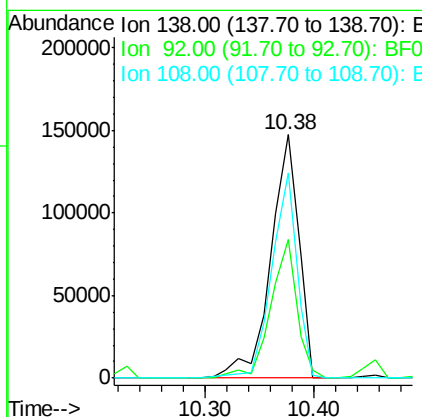
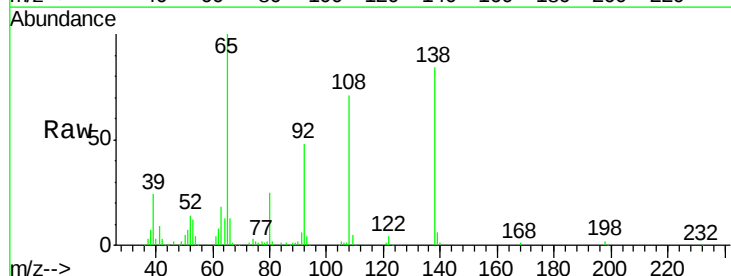
Instrument :
 BNA_F
 ClientSampleId :
 PB91807BS

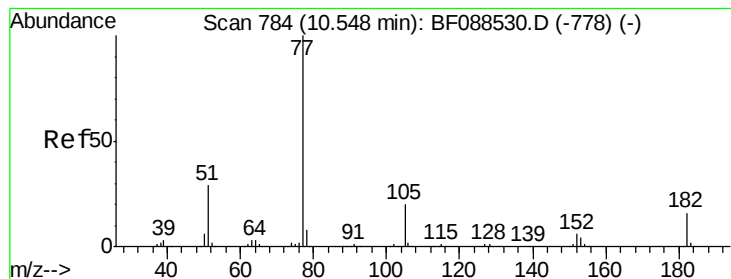
Tgt Ion:204 Resp: 414995
 Ion Ratio Lower Upper
 204 100
 206 33.5 26.3 39.5
 141 71.7 55.0 82.6



#61
 4-Nitroaniline
 Concen: 41.73 ng
 RT: 10.38 min Scan# 769
 Delta R.T. 0.00 min
 Lab File: BF088776.D
 Acq: 7 Jul 2016 13:15

Tgt Ion:138 Resp: 264826
 Ion Ratio Lower Upper
 138 100
 92 56.8 27.3 67.3
 108 84.3 46.7 86.7





#62

Azobenzene

Concen: 45.92 ng

RT: 10.49 min Scan# 779

Delta R.T. -0.02 min

Lab File: BF088776.D

Acq: 7 Jul 2016 13:15

Instrument :

BNA_F

ClientSampleId :

PB91807BS

Tgt Ion: 77 Resp: 1230242

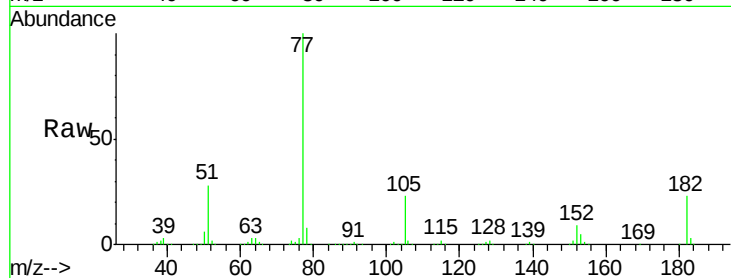
Ion Ratio Lower Upper

77 100

182 23.2 4.4 44.4

105 23.2 3.8 43.8

51 28.4 9.3 49.3

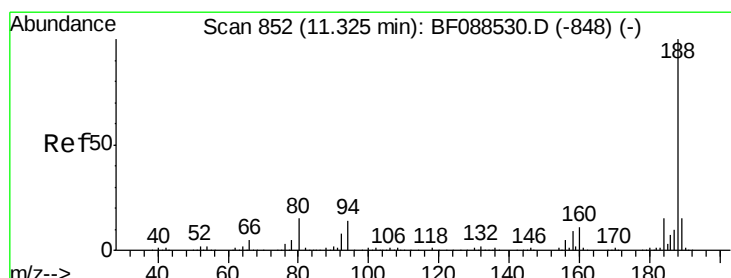
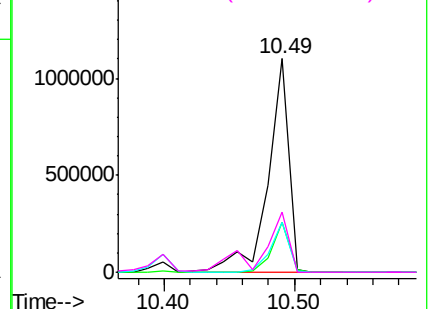
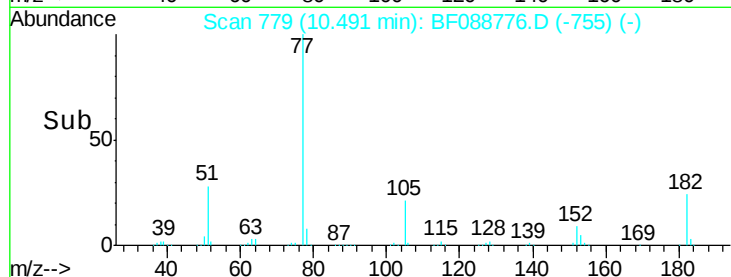


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.27 min Scan# 847

Delta R.T. -0.02 min

Lab File: BF088776.D

Acq: 7 Jul 2016 13:15

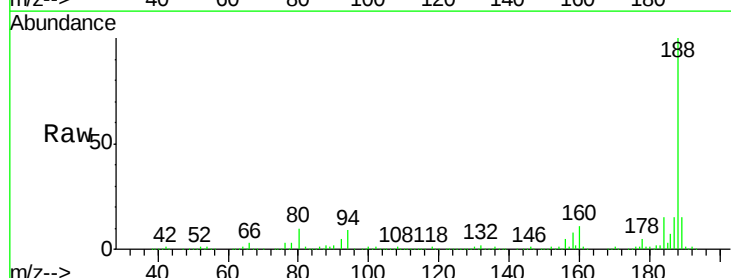
Tgt Ion: 188 Resp: 646428

Ion Ratio Lower Upper

188 100

94 8.9 9.0 13.6#

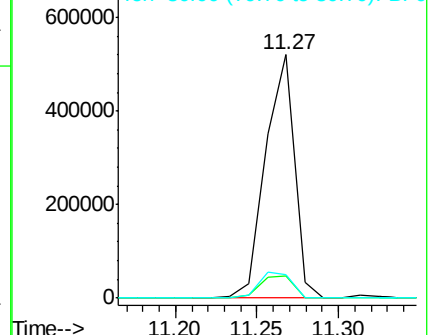
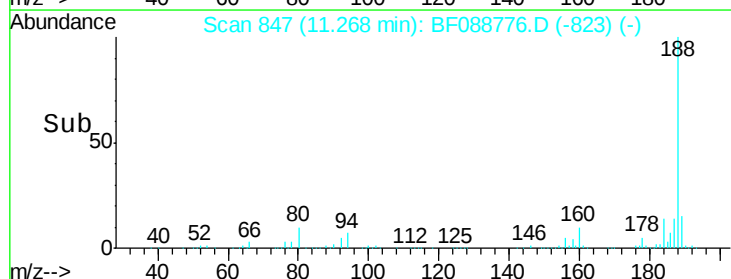
80 9.8 10.0 15.0#

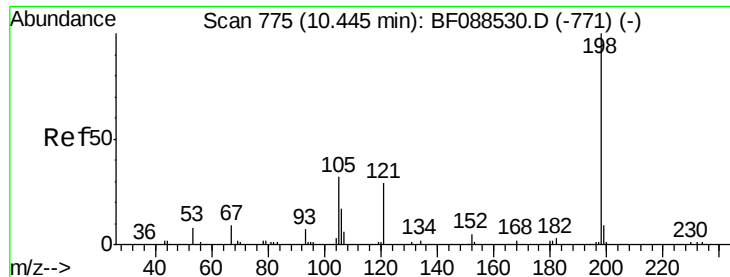


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 44.62 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.01 min

Lab File: BF088776.D

Acq: 7 Jul 2016 13:15

Instrument :

BNA_F

ClientSampleId :

PB91807BS

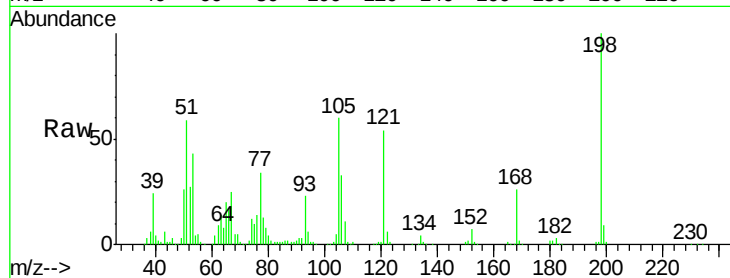
Tgt Ion:198 Resp: 154279

Ion Ratio Lower Upper

198 100

51 59.4 39.6 79.6

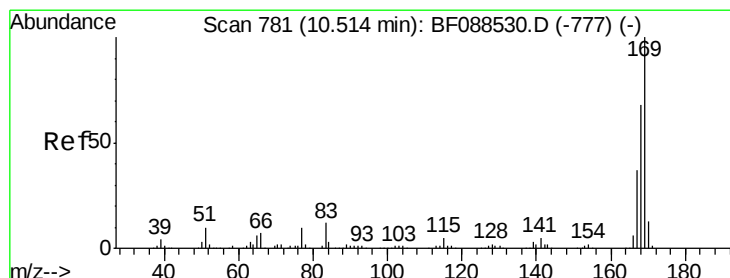
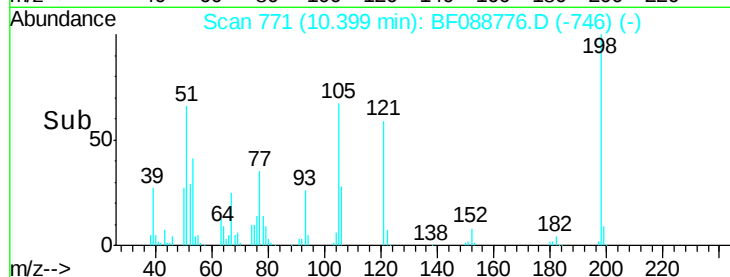
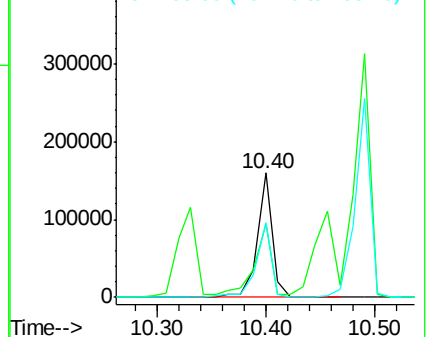
105 59.7 36.6 76.6



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: 39.14 ng

RT: 10.46 min Scan# 776

Delta R.T. -0.02 min

Lab File: BF088776.D

Acq: 7 Jul 2016 13:15

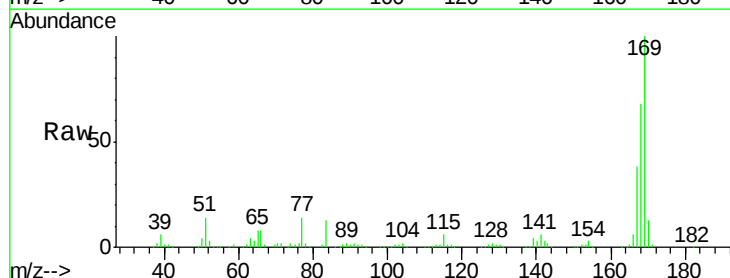
Tgt Ion:169 Resp: 856262

Ion Ratio Lower Upper

169 100

168 68.2 53.4 80.0

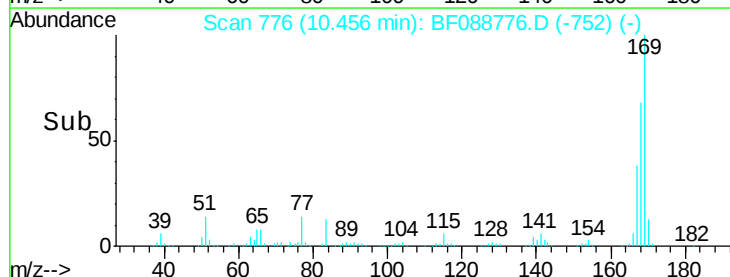
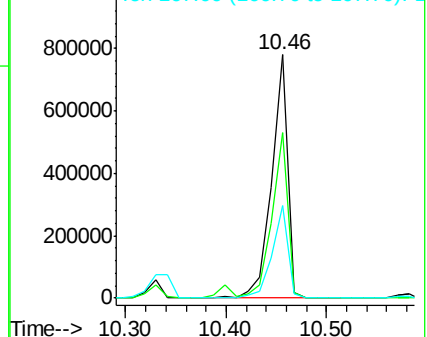
167 38.0 29.4 44.0



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

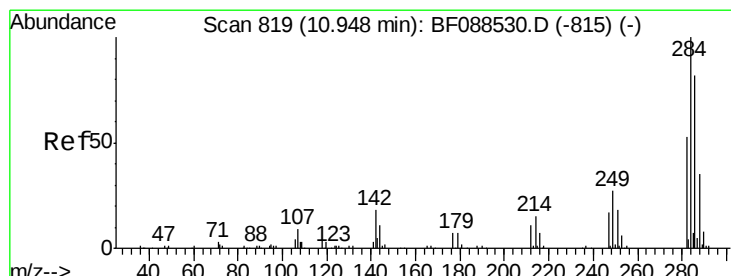
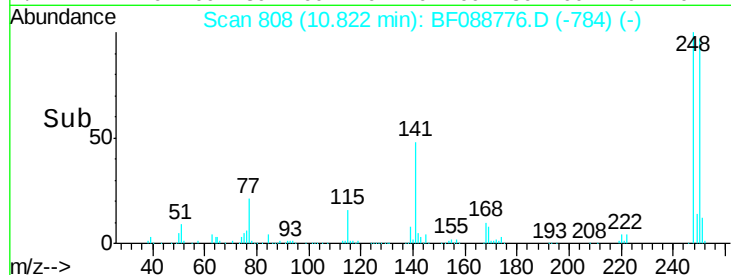
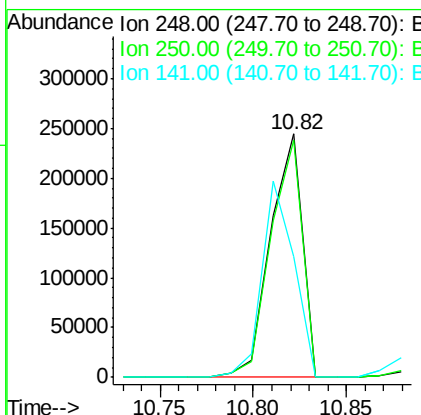
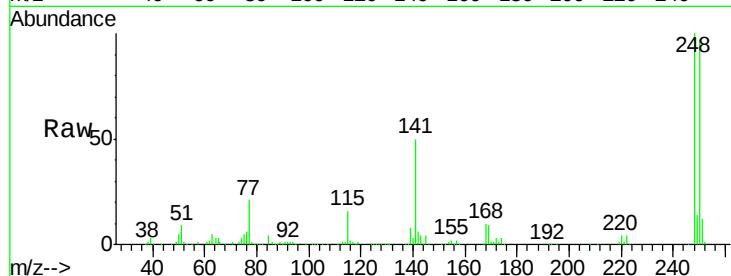




#66
 4-Bromophenyl-phenylether
 Concen: 44.99 ng
 RT: 10.82 min Scan# 808
 Delta R.T. -0.02 min
 Lab File: BF088776.D
 Acq: 7 Jul 2016 13:15

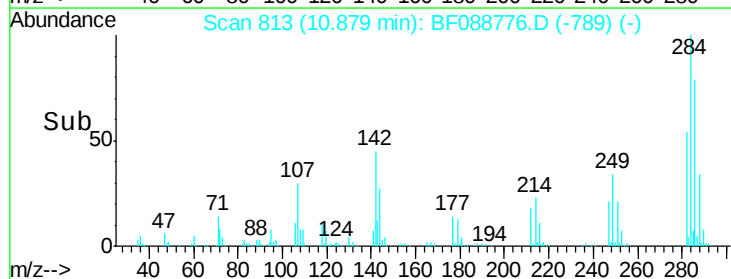
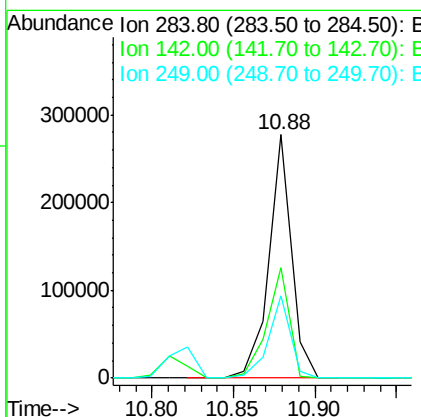
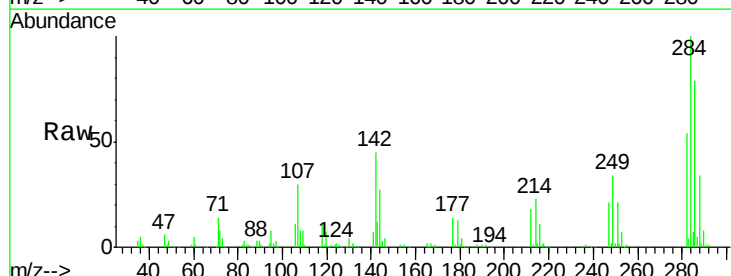
Instrument :
 BNA_F
 ClientSampleId :
 PB91807BS

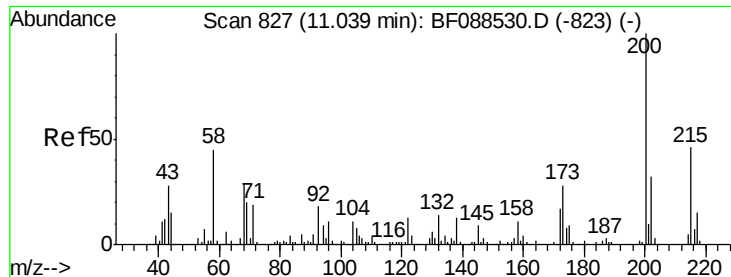
Tgt Ion:248 Resp: 293085
 Ion Ratio Lower Upper
 248 100
 250 97.2 77.1 115.7
 141 49.5 50.6 76.0#



#67
 Hexachlorobenzene
 Concen: 37.35 ng
 RT: 10.88 min Scan# 813
 Delta R.T. -0.02 min
 Lab File: BF088776.D
 Acq: 7 Jul 2016 13:15

Tgt Ion:284 Resp: 269344
 Ion Ratio Lower Upper
 284 100
 142 45.2 35.8 53.8
 249 33.8 25.8 38.6

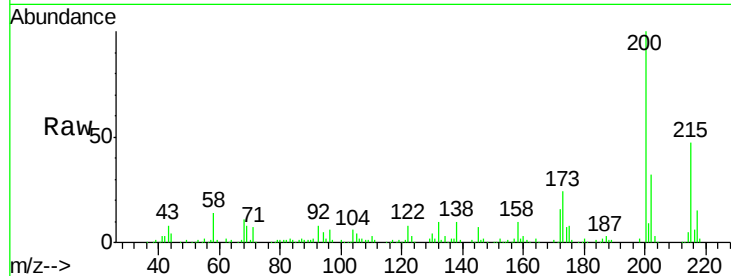




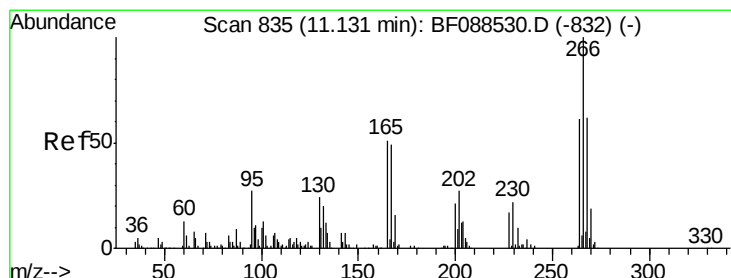
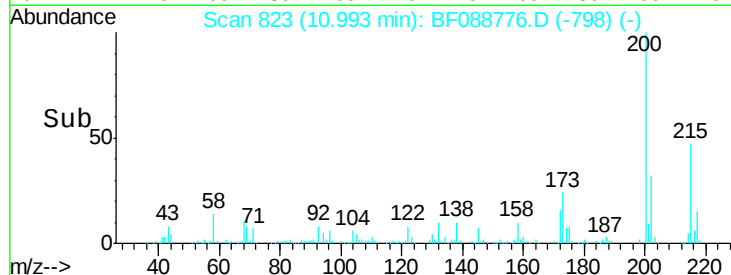
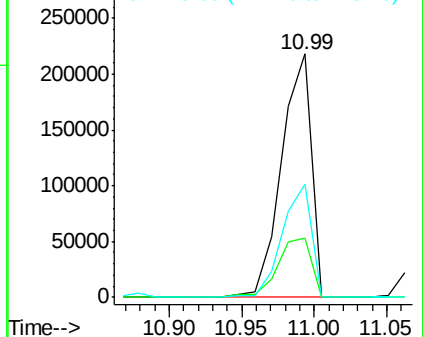
#68
Atrazine
Concen: 45.57 ng
RT: 10.99 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF088776.D
Acq: 7 Jul 2016 13:15

Instrument :
BNA_F
ClientSampleId :
PB91807BS

Tgt Ion:200 Resp: 310641
Ion Ratio Lower Upper
200 100
173 24.5 4.0 44.0
215 46.5 29.3 69.3

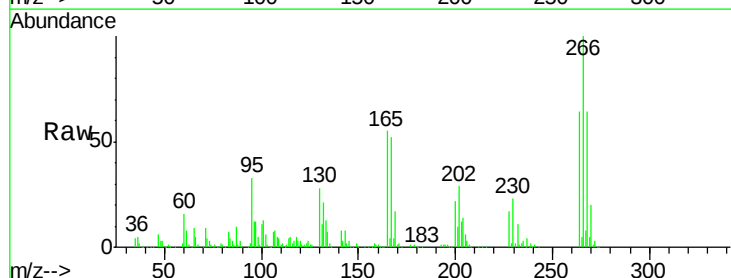


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

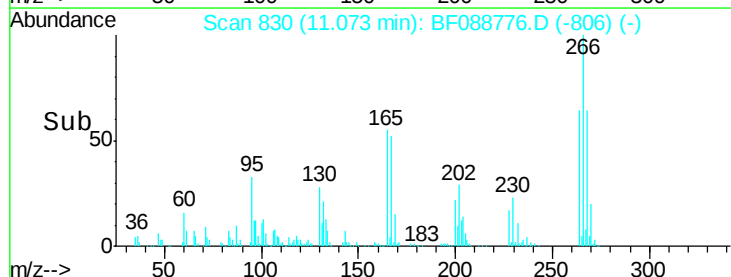
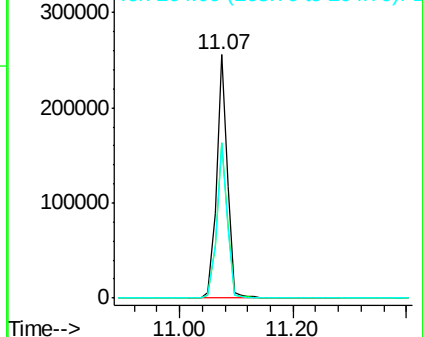


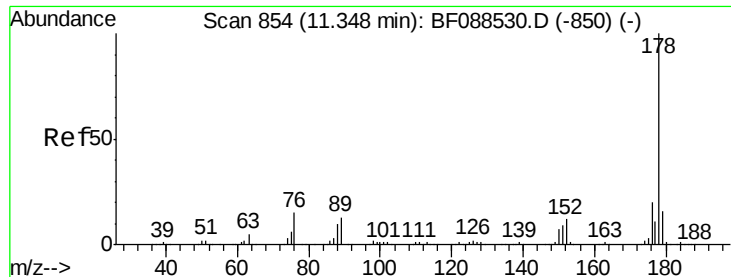
#69
Pentachlorophenol
Concen: 78.27 ng
RT: 11.07 min Scan# 830
Delta R.T. -0.02 min
Lab File: BF088776.D
Acq: 7 Jul 2016 13:15

Tgt Ion:266 Resp: 334042
Ion Ratio Lower Upper
266 100
268 63.9 52.8 79.2
264 63.8 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

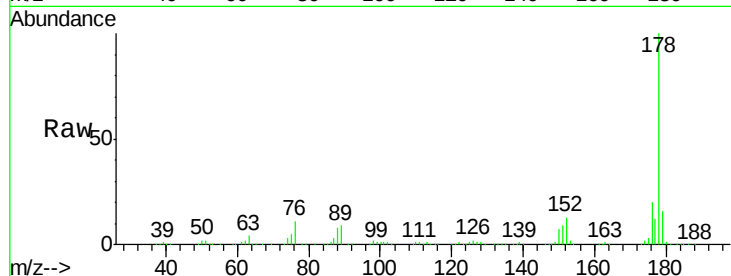




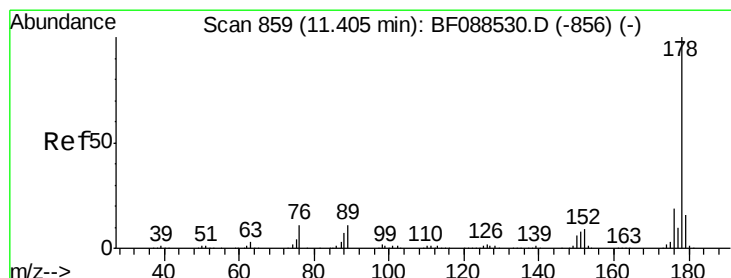
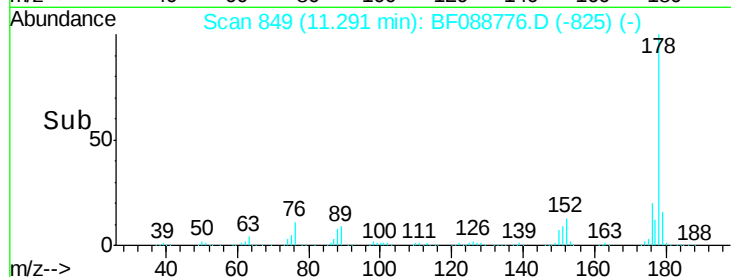
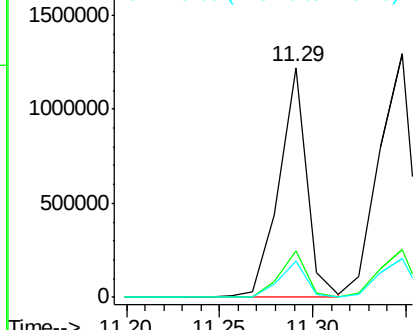
#70
Phenanthrene
Concen: 35.62 ng
RT: 11.29 min Scan# 849
Delta R.T. -0.02 min
Lab File: BF088776.D
Acq: 7 Jul 2016 13:15

Instrument :
BNA_F
ClientSampleId :
PB91807BS

Tgt Ion:178 Resp: 1258805
Ion Ratio Lower Upper
178 100
176 20.4 15.8 23.6
179 16.0 13.0 19.4

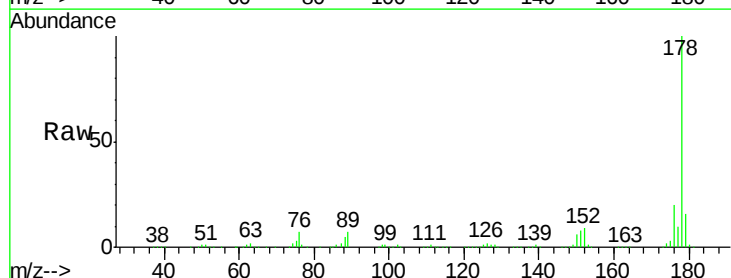


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

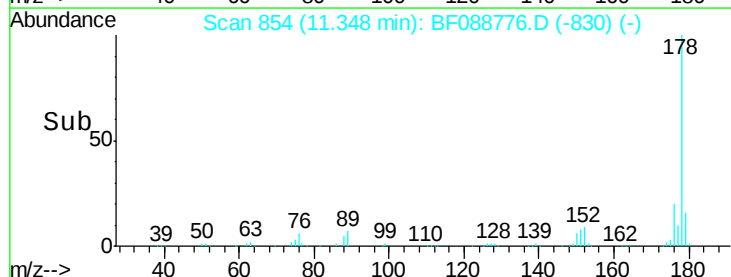
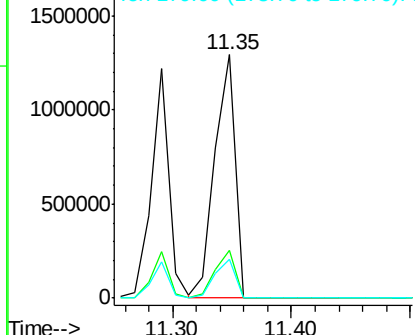


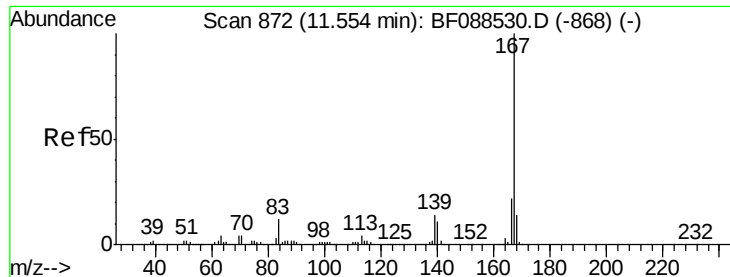
#71
Anthracene
Concen: 43.25 ng
RT: 11.35 min Scan# 854
Delta R.T. -0.02 min
Lab File: BF088776.D
Acq: 7 Jul 2016 13:15

Tgt Ion:178 Resp: 1519750
Ion Ratio Lower Upper
178 100
176 19.7 15.6 23.4
179 15.7 12.8 19.2



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





#72

Carbazole

Concen: 35.18 ng

RT: 11.50 min Scan# 867

Delta R.T. -0.02 min

Lab File: BF088776.D

Acq: 7 Jul 2016 13:15

Instrument :

BNA_F

ClientSampleId :

PB91807BS

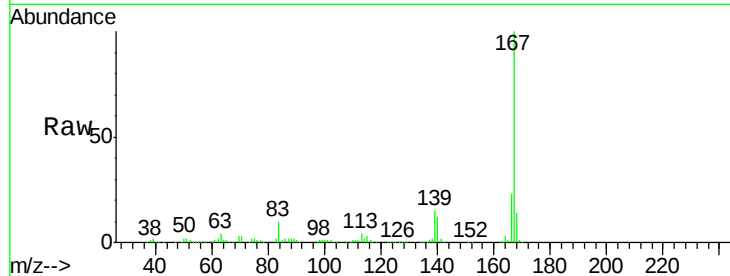
Tgt Ion:167 Resp: 1163359

Ion Ratio Lower Upper

167 100

166 22.8 17.8 26.6

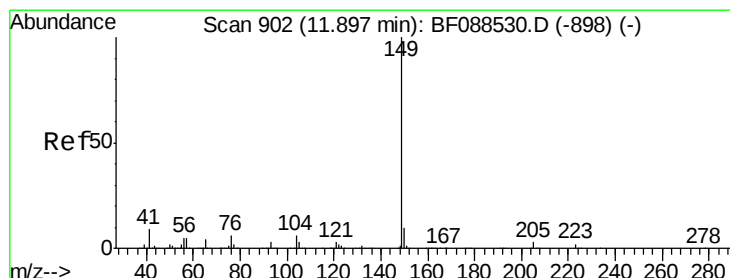
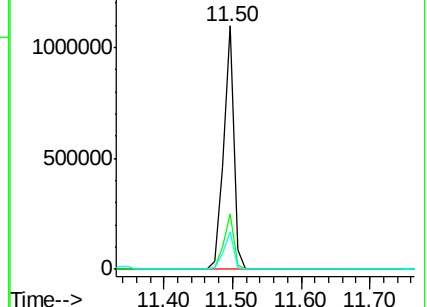
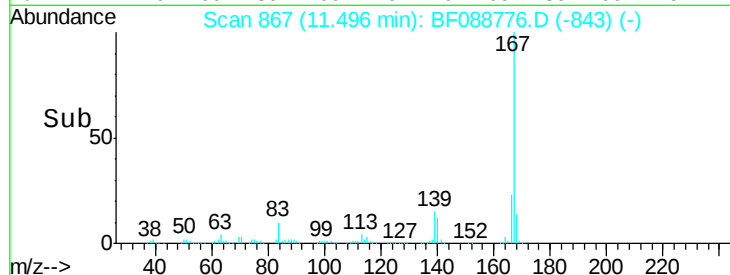
139 15.3 11.2 16.8



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: 45.35 ng

RT: 11.84 min Scan# 897

Delta R.T. -0.02 min

Lab File: BF088776.D

Acq: 7 Jul 2016 13:15

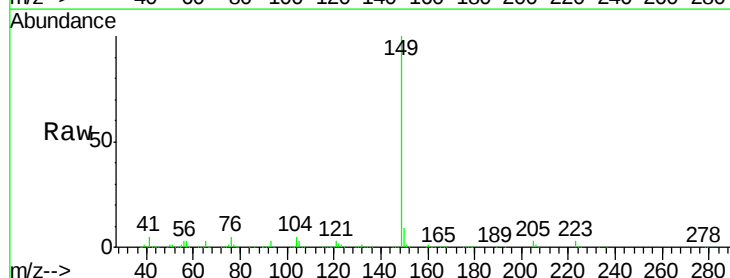
Tgt Ion:149 Resp: 1744548

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

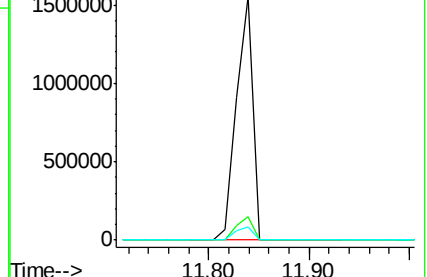
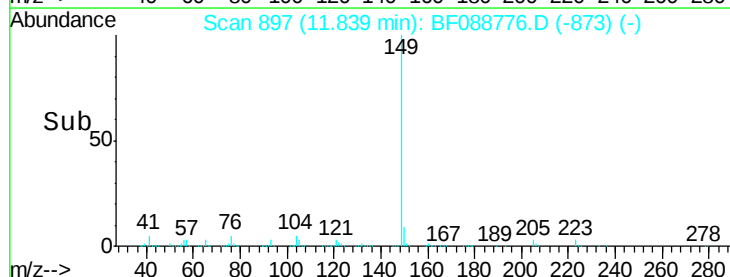
104 5.2 4.0 6.0

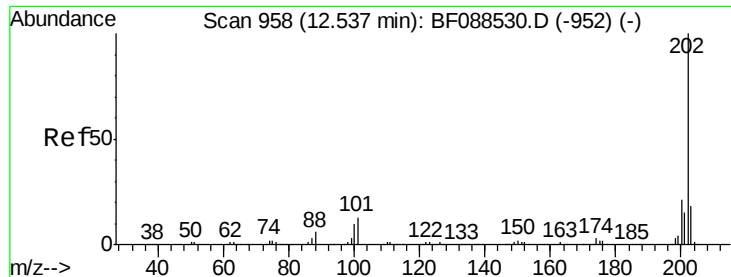


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 34.76 ng

RT: 12.47 min Scan# 952

Delta R.T. -0.02 min

Lab File: BF088776.D

Acq: 7 Jul 2016 13:15

Instrument :

BNA_F

ClientSampleId :

PB91807BS

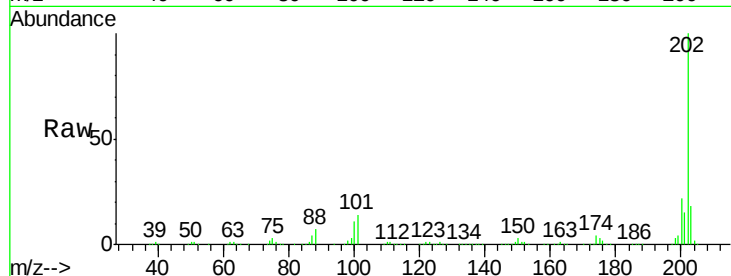
Tgt Ion:202 Resp: 1245204

Ion Ratio Lower Upper

202 100

101 14.1 0.0 33.1

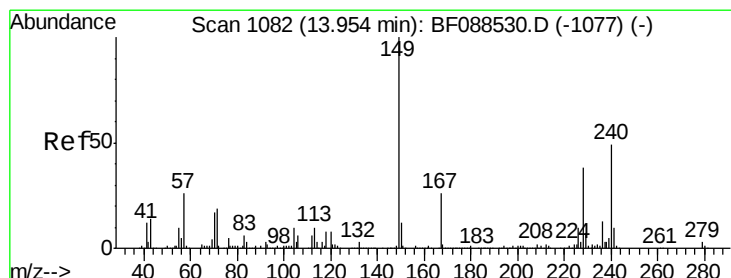
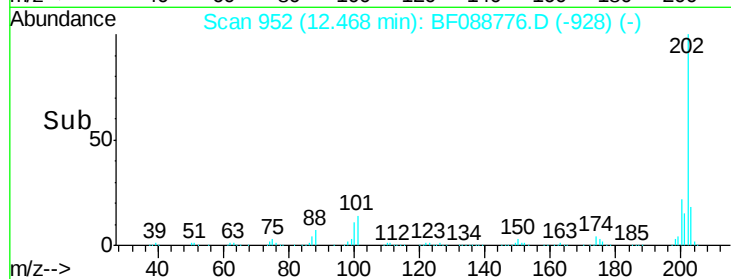
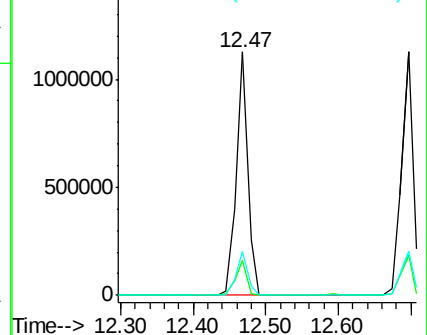
203 18.1 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.90 min Scan# 1077

Delta R.T. -0.02 min

Lab File: BF088776.D

Acq: 7 Jul 2016 13:15

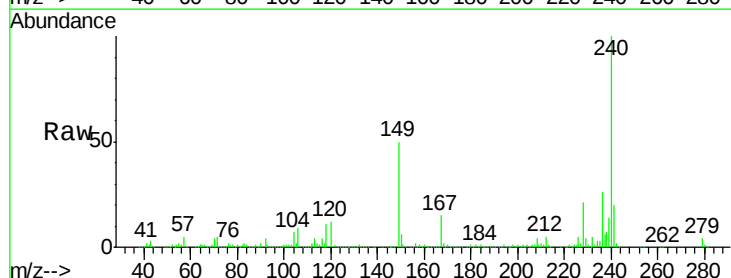
Tgt Ion:240 Resp: 471578

Ion Ratio Lower Upper

240 100

120 11.8 6.8 10.2#

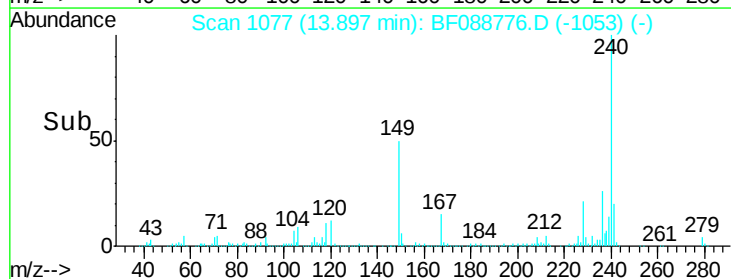
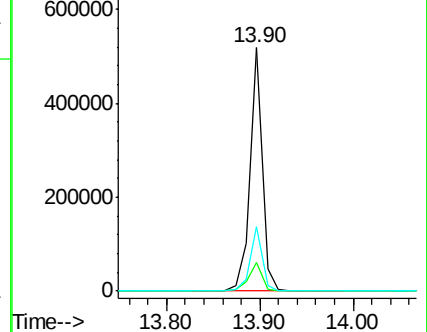
236 26.2 20.2 30.2

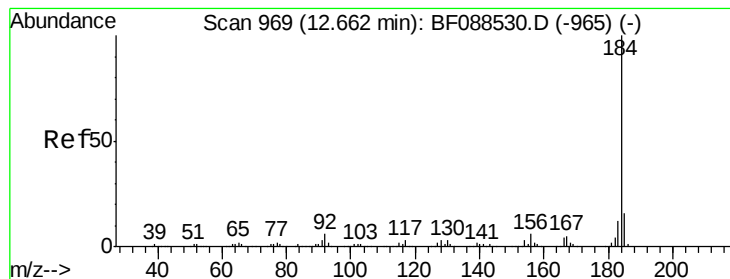


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 35.94 ng

RT: 12.59 min Scan# 963

Delta R.T. -0.02 min

Lab File: BF088776.D

Acq: 7 Jul 2016 13:15

Instrument :

BNA_F

ClientSampleId :

PB91807BS

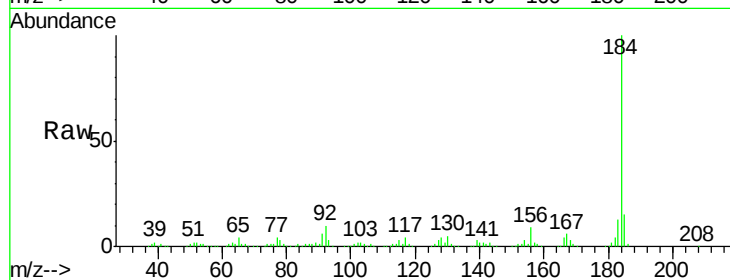
Tgt Ion:184 Resp: 856737

Ion Ratio Lower Upper

184 100

185 14.8 12.5 18.7

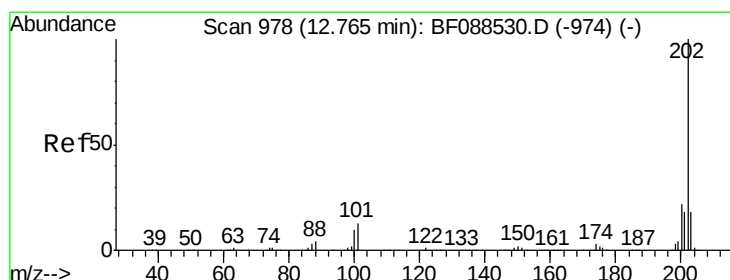
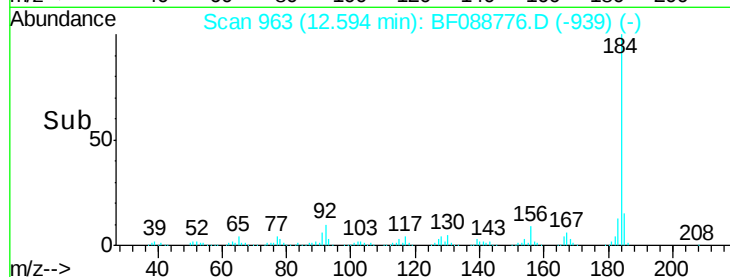
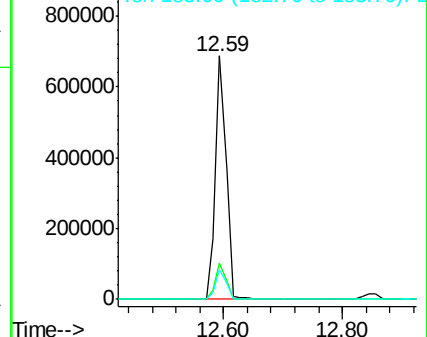
183 12.5 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 31.70 ng

RT: 12.70 min Scan# 972

Delta R.T. -0.02 min

Lab File: BF088776.D

Acq: 7 Jul 2016 13:15

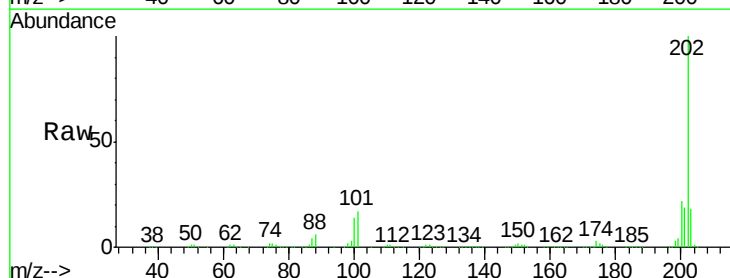
Tgt Ion:202 Resp: 1267516

Ion Ratio Lower Upper

202 100

200 22.5 17.4 26.2

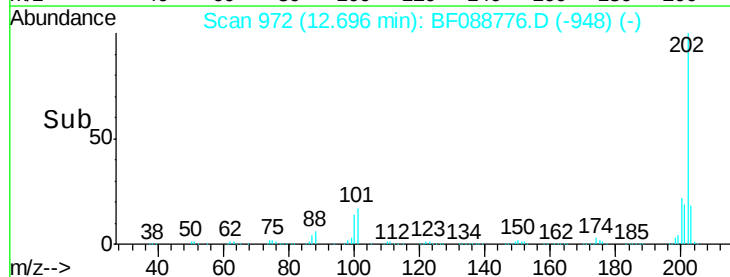
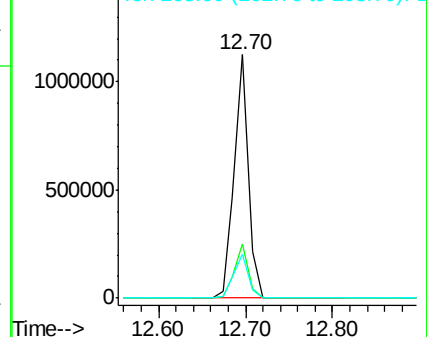
203 18.3 14.5 21.7

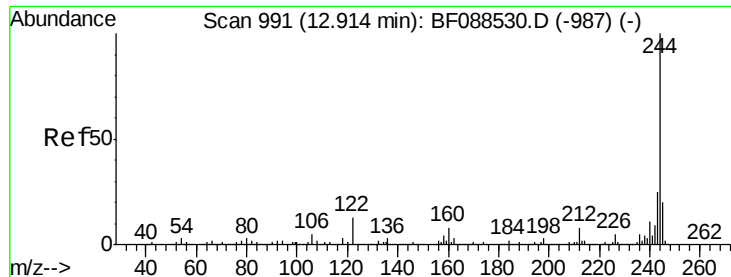


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 84.77 ng

RT: 12.86 min Scan# 986

Delta R.T. -0.01 min

Lab File: BF088776.D

Acq: 7 Jul 2016 13:15

Instrument :

BNA_F

ClientSampleId :

PB91807BS

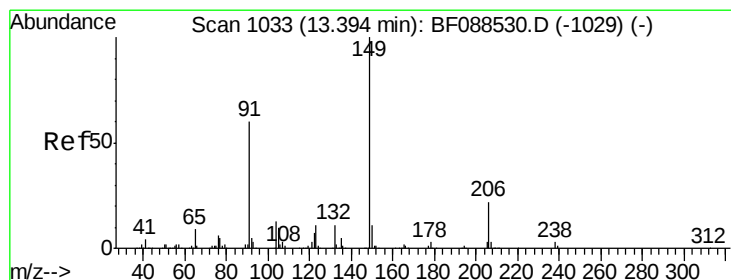
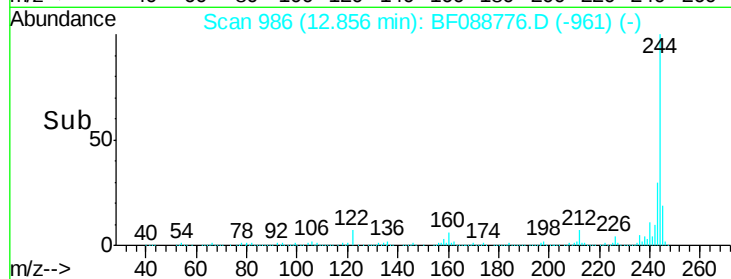
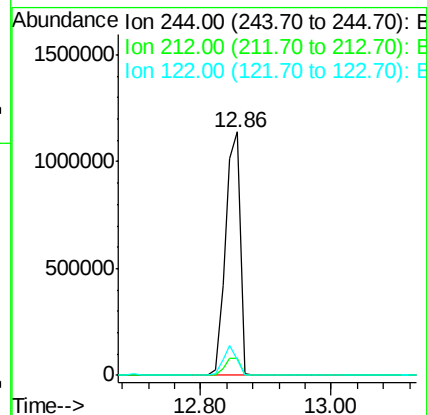
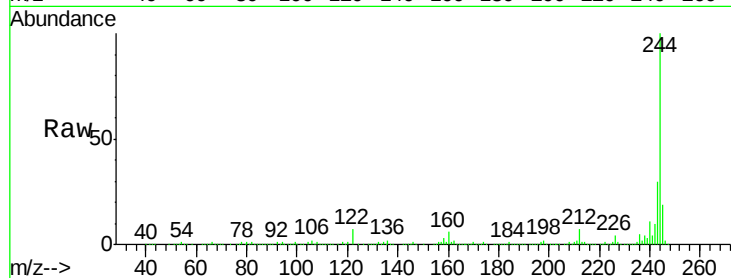
Tgt Ion:244 Resp: 1794853

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

122 6.6 11.2 16.8#



#79

Butylbenzylphthalate

Concen: 39.34 ng

RT: 13.33 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF088776.D

Acq: 7 Jul 2016 13:15

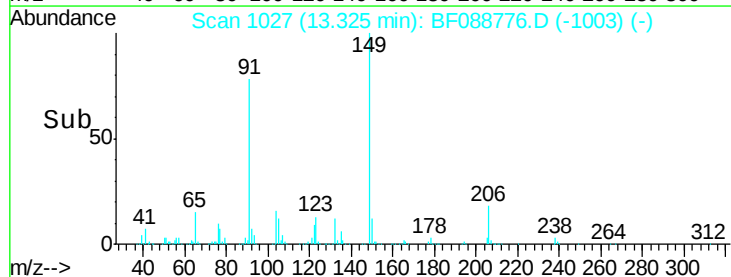
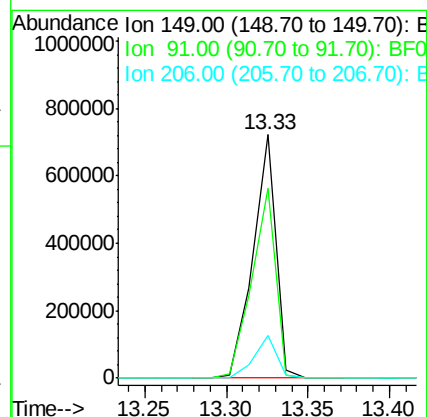
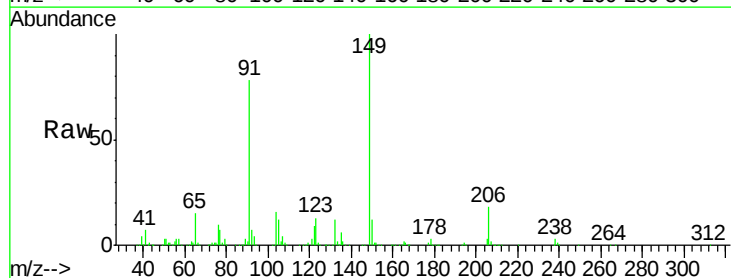
Tgt Ion:149 Resp: 701722

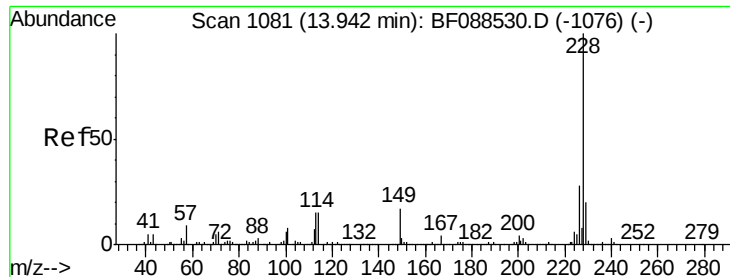
Ion Ratio Lower Upper

149 100

91 77.9 48.0 72.0#

206 17.6 16.0 24.0





#80

Benzo(a)anthracene

Concen: 37.52 ng

RT: 13.89 min Scan# 1076

Delta R.T. -0.02 min

Lab File: BF088776.D

Acq: 7 Jul 2016 13:15

Instrument :

BNA_F

ClientSampleId :

PB91807BS

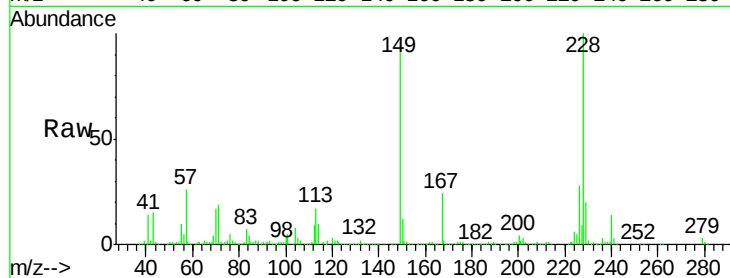
Tgt Ion:228 Resp: 1139168

Ion Ratio Lower Upper

228 100

226 28.0 22.3 33.5

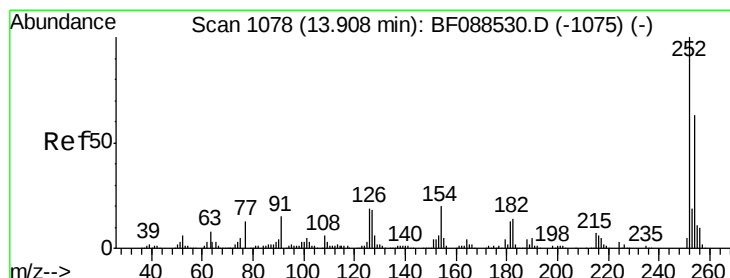
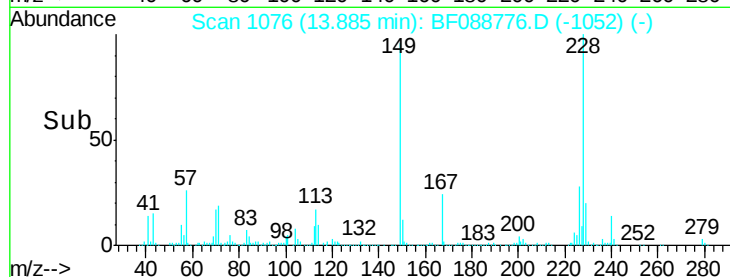
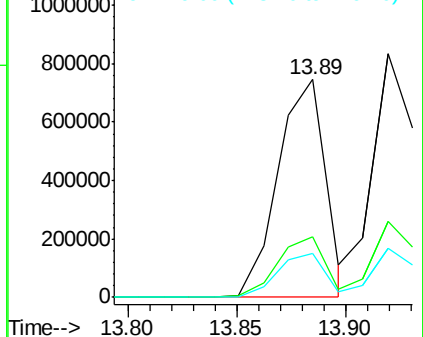
229 20.0 16.0 24.0



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: 24.23 ng

RT: 13.85 min Scan# 1073

Delta R.T. -0.02 min

Lab File: BF088776.D

Acq: 7 Jul 2016 13:15

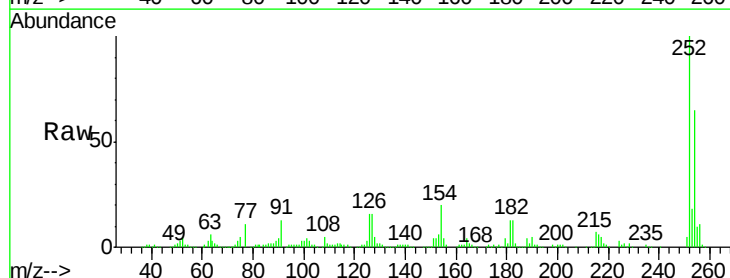
Tgt Ion:252 Resp: 276574

Ion Ratio Lower Upper

252 100

254 64.8 52.6 78.8

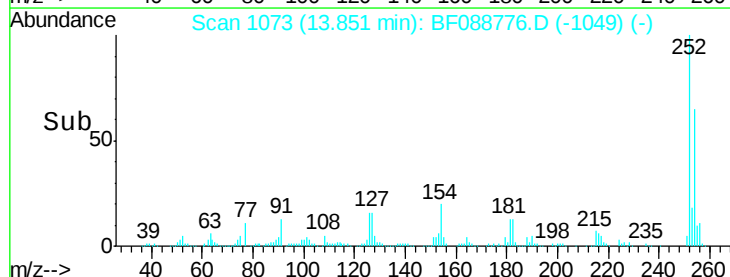
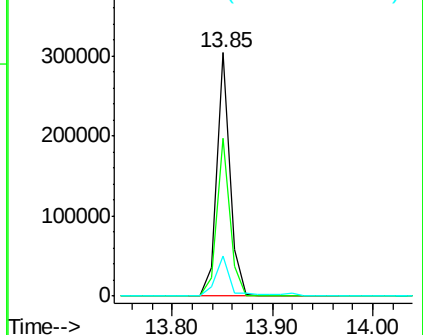
126 16.5 6.2 9.2#

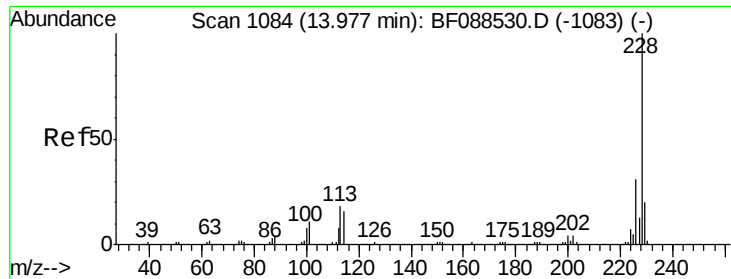


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 37.42 ng

RT: 13.92 min Scan# 1079

Delta R.T. -0.02 min

Lab File: BF088776.D

Acq: 7 Jul 2016 13:15

Instrument :

BNA_F

ClientSampleId :

PB91807BS

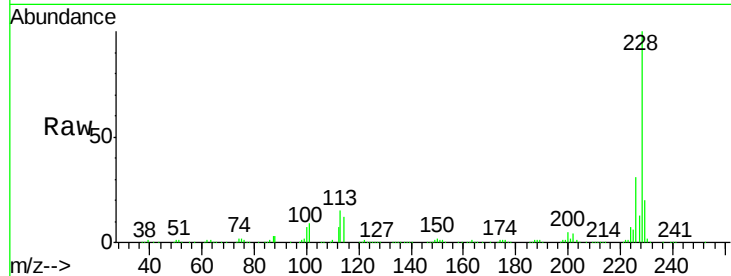
Tgt Ion:228 Resp: 1124191

Ion Ratio Lower Upper

228 100

226 31.2 25.4 38.2

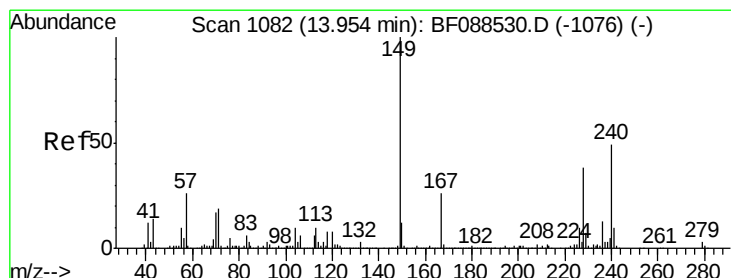
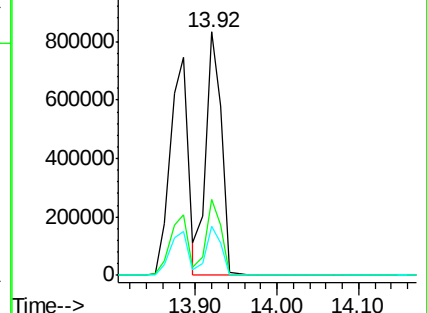
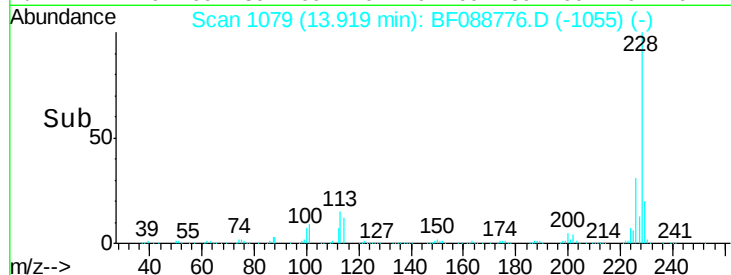
229 20.2 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 37.64 ng

RT: 13.89 min Scan# 1076

Delta R.T. -0.02 min

Lab File: BF088776.D

Acq: 7 Jul 2016 13:15

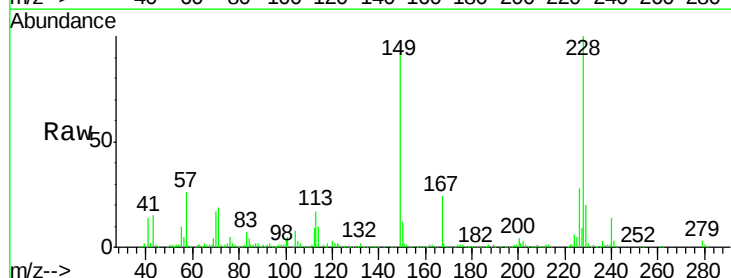
Tgt Ion:149 Resp: 766505

Ion Ratio Lower Upper

149 100

167 25.0 20.5 30.7

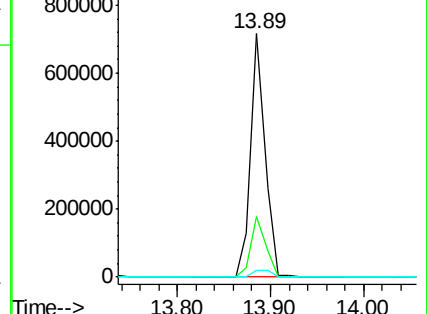
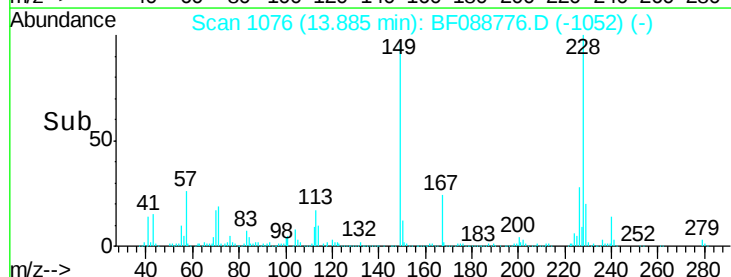
279 3.0 2.0 3.0#

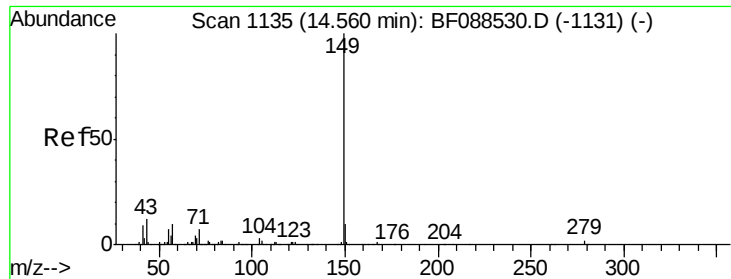


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

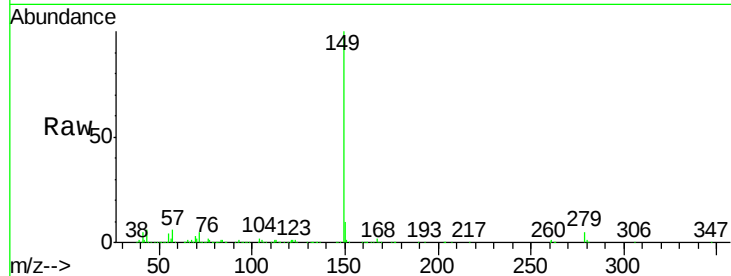




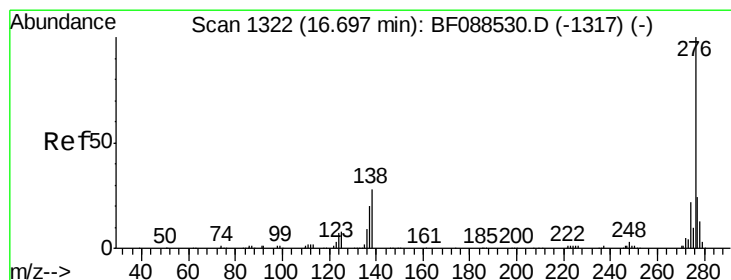
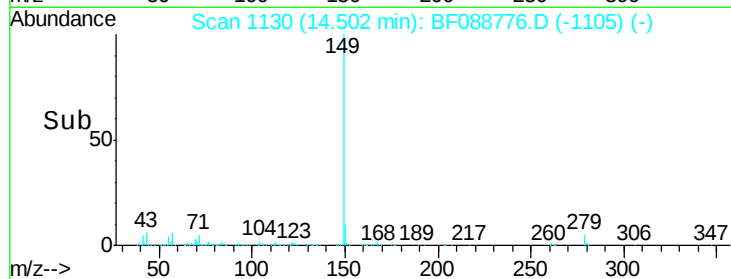
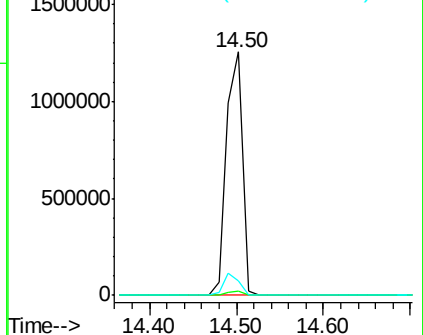
#84
 Di-n-octyl phthalate
 Concen: 46.61 ng
 RT: 14.50 min Scan# 1130
 Delta R.T. -0.01 min
 Lab File: BF088776.D
 Acq: 7 Jul 2016 13:15

Instrument :
 BNA_F
 ClientSampleId :
 PB91807BS

Tgt Ion:149 Resp: 1612321
 Ion Ratio Lower Upper
 149 100
 167 1.5 0.0 0.0#
 43 8.7 0.0 0.0#

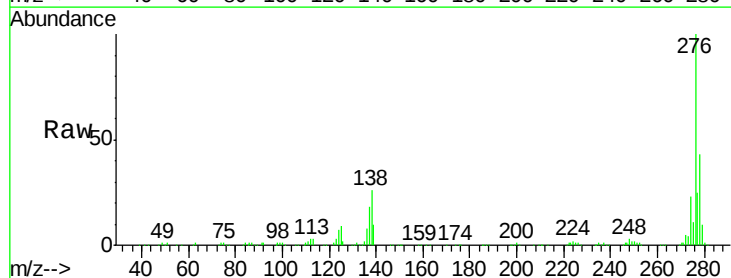


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

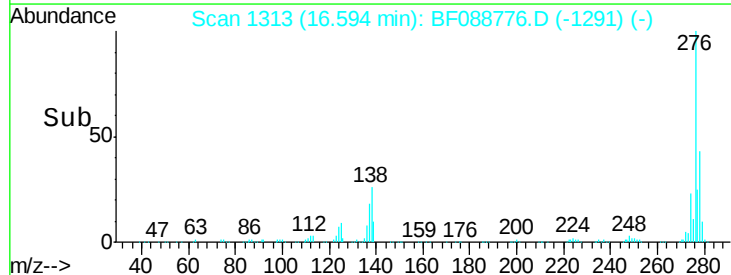
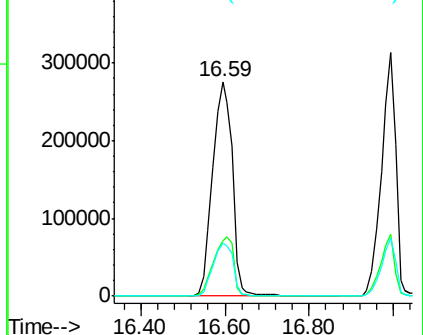


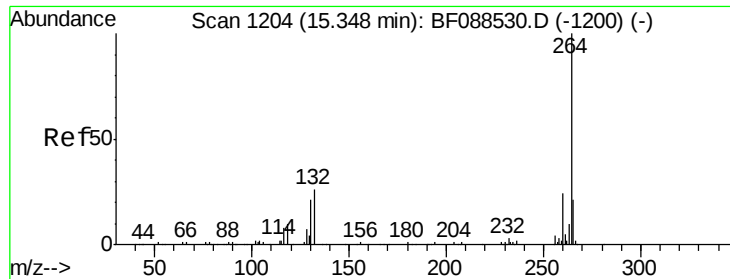
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.15 ng
 RT: 16.59 min Scan# 1313
 Delta R.T. -0.05 min
 Lab File: BF088776.D
 Acq: 7 Jul 2016 13:15

Tgt Ion:276 Resp: 904960
 Ion Ratio Lower Upper
 276 100
 138 28.0 0.0 0.0#
 277 25.4 0.0 0.0#



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

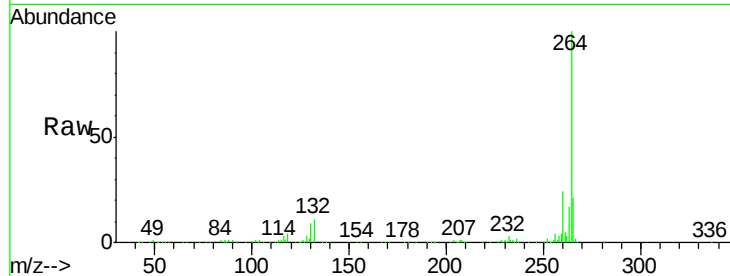




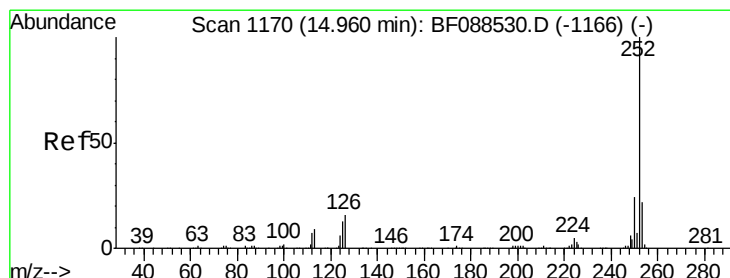
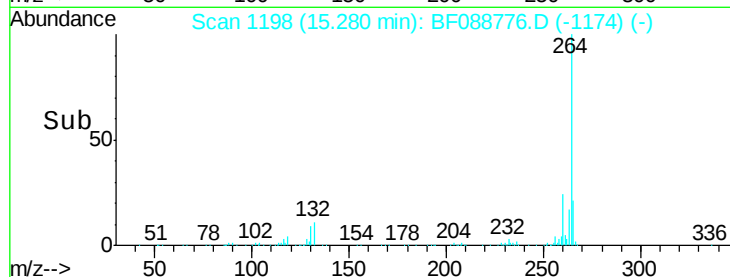
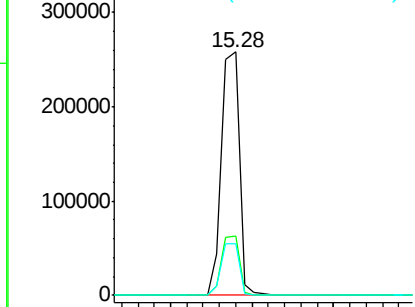
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 1198
Delta R.T. -0.02 min
Lab File: BF088776.D
Acq: 7 Jul 2016 13:15

Instrument :
BNA_F
ClientSampleId :
PB91807BS

Tgt Ion:264 Resp: 393216
Ion Ratio Lower Upper
264 100
260 24.2 19.2 28.8
265 21.3 16.9 25.3

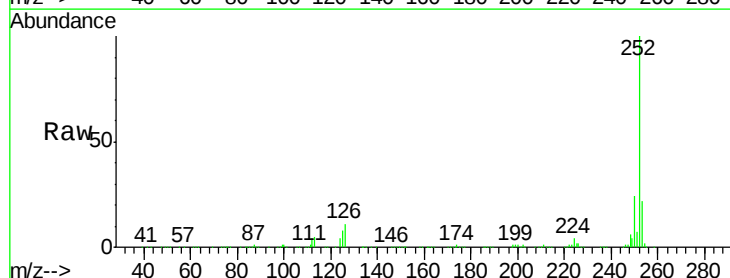


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

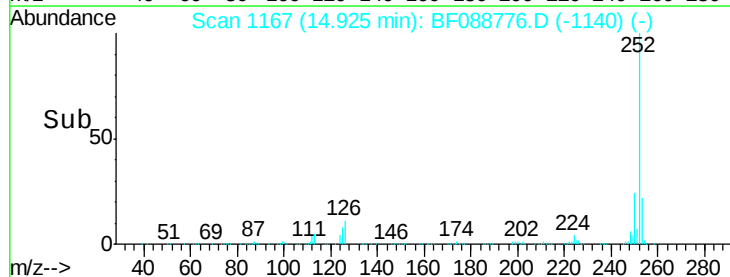
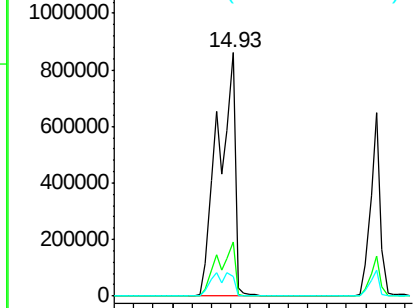


#87
Benzo(b)fluoranthene
Concen: 86.91 ng
RT: 14.93 min Scan# 1167
Delta R.T. 0.01 min
Lab File: BF088776.D
Acq: 7 Jul 2016 13:15

Tgt Ion:252 Resp: 2143662
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 7.9 7.1 10.7



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





#88

Benzo(k)fluoranthene

Concen: 99.84 ng

RT: 14.93 min Scan# 1167

Delta R.T. -0.02 min

Lab File: BF088776.D

Acq: 7 Jul 2016 13:15

Instrument :

BNA_F

ClientSampleId :

PB91807BS

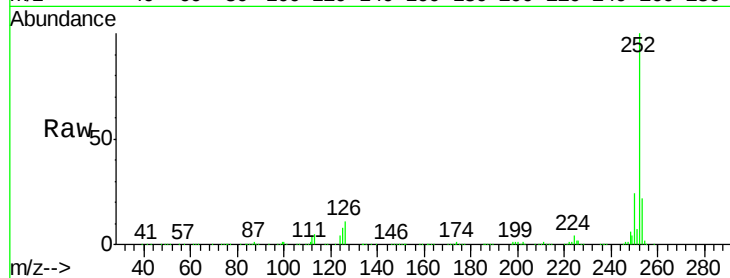
Tgt Ion:252 Resp: 2143988

Ion Ratio Lower Upper

252 100

253 22.2 18.0 27.0

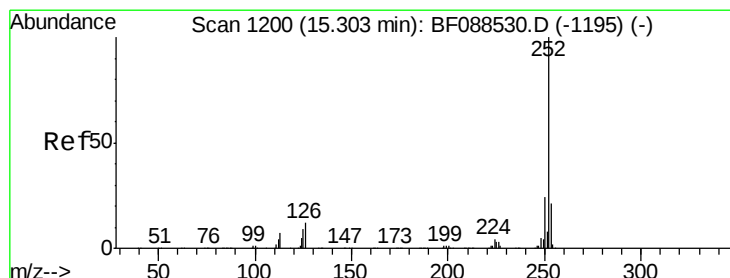
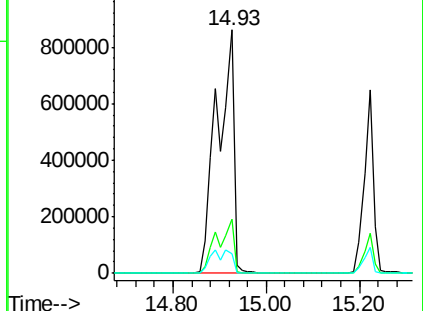
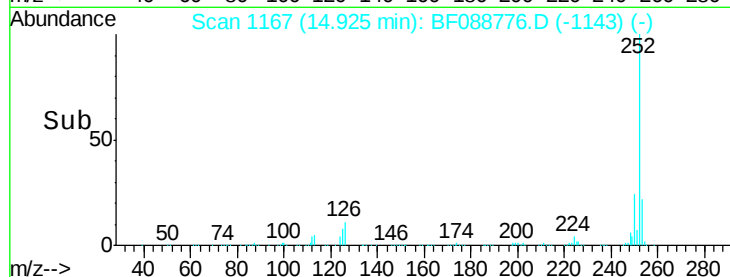
125 7.9 11.2 16.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 43.23 ng

RT: 15.22 min Scan# 1193

Delta R.T. -0.02 min

Lab File: BF088776.D

Acq: 7 Jul 2016 13:15

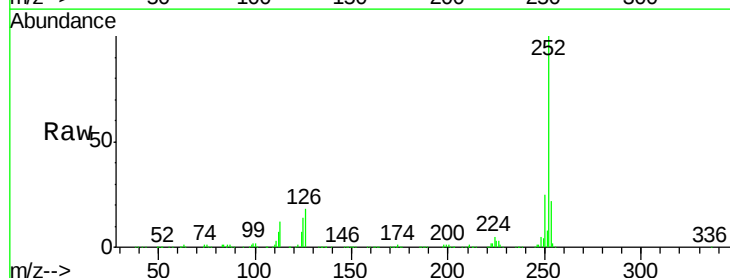
Tgt Ion:252 Resp: 902754

Ion Ratio Lower Upper

252 100

253 22.1 17.9 26.9

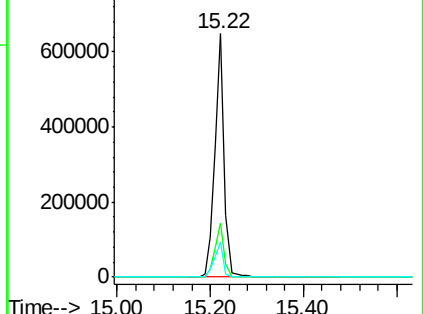
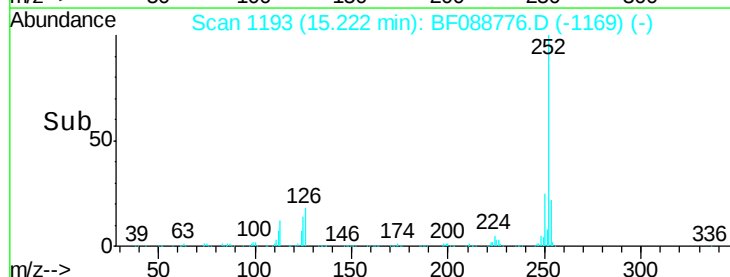
125 14.2 12.5 18.7

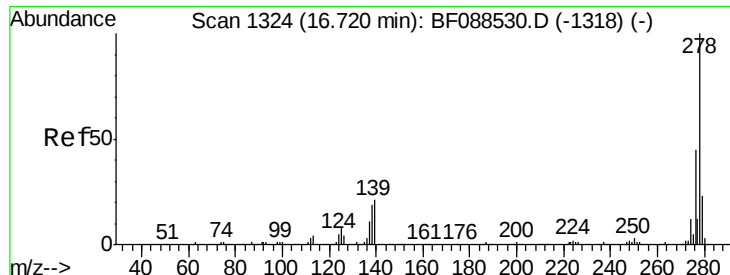


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 42.00 ng

RT: 16.62 min Scan# 1315

Delta R.T. -0.03 min

Lab File: BF088776.D

Acq: 7 Jul 2016 13:15

Instrument :

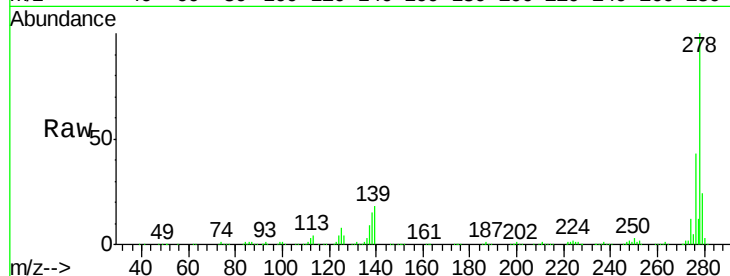
BNA_F

ClientSampleId :

PB91807BS

Tgt Ion: 278 Resp: 732479

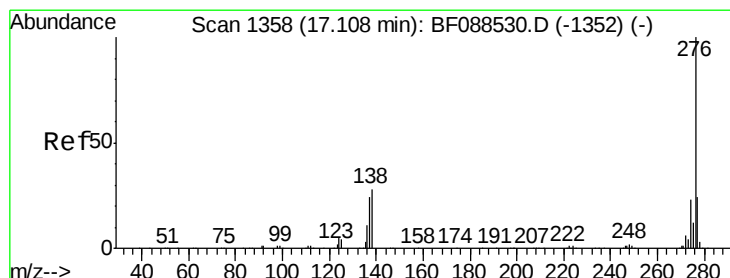
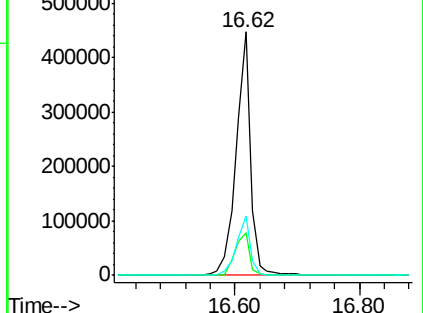
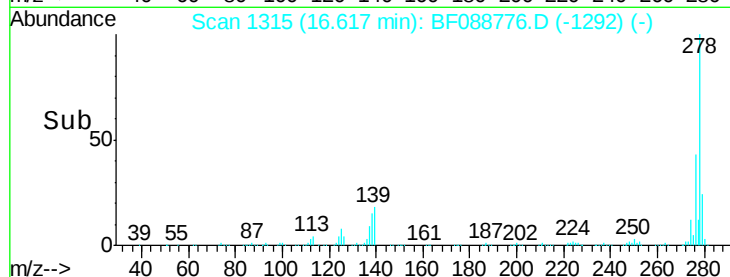
Ion	Ratio	Lower	Upper
278	100		
139	17.5	15.7	23.5
279	24.2	19.4	29.2



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: 41.48 ng

RT: 16.99 min Scan# 1348

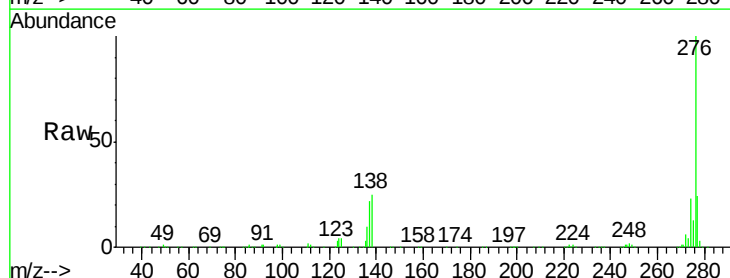
Delta R.T. -0.05 min

Lab File: BF088776.D

Acq: 7 Jul 2016 13:15

Tgt Ion: 276 Resp: 748545

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.9	28.3
138	25.2	21.4	32.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

