

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070816\
 Data File : BF088824.D
 Acq On : 8 Jul 2016 14:31
 Operator : UM/SJ
 Sample : PB91874BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91874BS

Quant Time: Jul 08 18:55:12 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	6.73	152	84831	20.00	ng	-0.05
21) Naphthalene-d8	8.02	136	350137	20.00	ng	-0.05
38) Acenaphthene-d10	9.77	164	170123	20.00	ng	-0.05
63) Phenanthrene-d10	11.25	188	327447	20.00	ng	-0.05
75) Chrysene-d12	13.87	240	217422	20.00	ng	-0.05
86) Perylene-d12	15.25	264	171252	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	603817	106.68	ng	-0.03
7) Phenol-d6	6.38	99	797550	109.05	ng	-0.03
23) Nitrobenzene-d5	7.30	82	547261	81.91	ng	-0.05
41) 2,4,6-Tribromophenol	10.56	330	232042	146.88	ng	-0.05
44) 2-Fluorobiphenyl	9.10	172	885909	82.26	ng	-0.05
78) Terphenyl-d14	12.82	244	846118	86.68	ng	-0.05

Target Compounds				Qvalue		
3) Pyridine	2.99	79	212890	26.14	ng	92
4) n-Nitrosodimethylamine	2.96	42	100821	32.41	ng	88
6) Aniline	6.40	93	267815	25.13	ng	# 85
8) 2-Chlorophenol	6.52	128	235151	38.65	ng	81
9) Benzaldehyde	6.27	77	149306	30.14	ng	89
10) Phenol	6.39	94	233461	27.97	ng	# 43
11) bis(2-Chloroethyl)ether	6.48	93	249743	40.12	ng	# 82
12) 1,3-Dichlorobenzene	6.67	146	257502	38.47	ng	97
13) 1,4-Dichlorobenzene	6.75	146	258610	38.92	ng	98
14) 1,2-Dichlorobenzene	6.75	146	258610	41.58	ng	98
15) Benzyl Alcohol	6.88	79	207273	38.51	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.02	45	277368	30.77	ng	89
17) 2-Methylphenol	7.00	107	213451	43.01	ng	98
18) Hexachloroethane	7.24	117	98394	38.28	ng	# 88
19) n-Nitroso-di-n-propylamine	7.15	70	173926	35.40	ng	92
20) 3+4-Methylphenols	7.15	107	236492	39.70	ng	92
22) Acetophenone	7.14	105	348868	41.05	ng	# 91
24) Nitrobenzene	7.31	77	248795	36.93	ng	# 81
25) Isophorone	7.56	82	492639	39.80	ng	98
26) 2-Nitrophenol	7.63	139	118095	42.75	ng	97
27) 2,4-Dimethylphenol	7.68	122	214549	37.29	ng	86
28) bis(2-Chloroethoxy)methane	7.78	93	315582	39.18	ng	98
29) 2,4-Dichlorophenol	7.88	162	198020	42.58	ng	91
30) 1,2,4-Trichlorobenzene	7.96	180	218104	42.74	ng	98
31) Naphthalene	8.04	128	721688	41.81	ng	98
32) Benzoic acid	7.82	122	139395	33.37	ng	92
33) 4-Chloroaniline	8.09	127	178027	23.18	ng	98
34) Hexachlorobutadiene	8.16	225	111807	40.92	ng	99
35) Caprolactam	8.47	113	42967	27.21	ng	# 74
36) 4-Chloro-3-methylphenol	8.58	107	241710	43.96	ng	94
37) 2-Methylnaphthalene	8.73	142	468929	42.19	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	204670	36.17	ng	# 1
40) Hexachlorocyclopentadiene	8.89	237	203406	73.24	ng	99
42) 2,4,6-Trichlorophenol	9.02	196	143744	38.53	ng	98

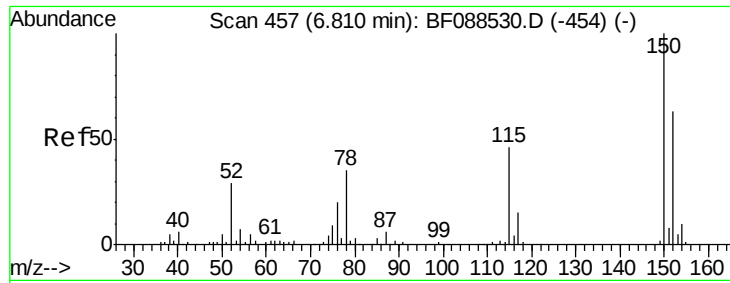
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.05	196	143890	44.83	ng	# 90
45) 1,1'-Biphenyl	9.20	154	589649	41.86	ng	96
46) 2-Chloronaphthalene	9.22	162	447256	40.44	ng	94
47) 2-Nitroaniline	9.31	65	150794	38.42	ng	98
48) Acenaphthylene	9.63	152	753401	42.81	ng	99
49) Dimethylphthalate	9.51	163	561445	46.32	ng	99
50) 2,6-Dinitrotoluene	9.56	165	120489	44.85	ng	# 87
51) Acenaphthene	9.80	154	525724	48.74	ng	99
52) 3-Nitroaniline	9.72	138	91950	26.93	ng	96
53) 2,4-Dinitrophenol	9.84	184	128032	107.95	ng	# 74
54) Dibenzofuran	9.98	168	650526	46.08	ng	# 91
55) 4-Nitrophenol	9.90	139	166906	64.32	ng	92
56) 2,4-Dinitrotoluene	9.96	165	174057	49.56	ng	# 71
57) Fluorene	10.32	166	504902	46.41	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.09	232	113812	45.83	ng	# 49
59) Diethylphthalate	10.20	149	563506	46.33	ng	98
60) 4-Chlorophenyl-phenylether	10.31	204	200062	39.58	ng	90
61) 4-Nitroaniline	10.34	138	136943	41.67	ng	91
62) Azobenzene	10.47	77	592362	42.69	ng	95
64) 4,6-Dinitro-2-methylphenol	10.36	198	73683	42.07	ng	86
65) n-Nitrosodiphenylamine	10.43	169	471877	42.58	ng	99
66) 4-Bromophenyl-phenylether	10.80	248	147355	44.66	ng	97
67) Hexachlorobenzene	10.86	284	138171	37.83	ng	91
68) Atrazine	10.96	200	125455	36.33	ng	91
69) Pentachlorophenol	11.05	266	153698	71.10	ng	97
70) Phenanthrene	11.27	178	682185	38.11	ng	99
71) Anthracene	11.33	178	778906	43.76	ng	99
72) Carbazole	11.47	167	612215	36.55	ng	99
73) Di-n-butylphthalate	11.82	149	862984	44.29	ng	99
74) Fluoranthene	12.45	202	681638	37.56	ng	97
76) Benzidine	12.57	184	328432	29.89	ng	98
77) Pyrene	12.67	202	689350	37.39	ng	100
79) Butylbenzylphthalate	13.30	149	327159	39.79	ng	# 78
80) Benzo(a)anthracene	13.86	228	581544	41.54	ng	99
81) 3,3'-Dichlorobenzidine	13.83	252	132855	25.24	ng	98
82) Chrysene	13.90	228	577103	41.66	ng	98
83) Bis(2-ethylhexyl)phthalate	13.86	149	404163	43.05	ng	97
84) Di-n-octyl phthalate	14.47	149	689769	43.25	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.55	276	448353	42.07	ng	# 100
87) Benzo(b)fluoranthene	14.89	252	935115	87.05	ng	# 98
88) Benzo(k)fluoranthene	14.89	252	935115	99.99	ng	97
89) Benzo(a)pyrene	15.19	252	424447	46.67	ng	98
90) Dibenzo(a,h)anthracene	16.57	278	370341	48.76	ng	# 93
91) Benzo(g,h,i)perylene	16.94	276	376698	47.93	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 450

Delta R.T. -0.05 min

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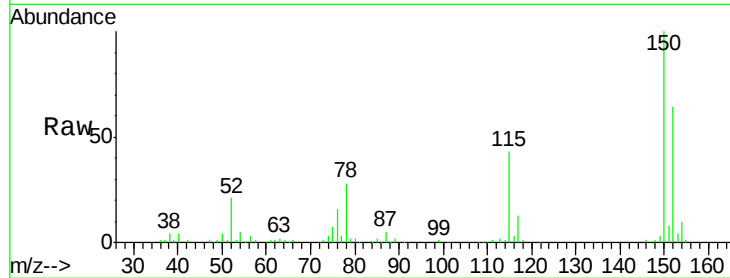
Tgt Ion:152 Resp: 84831

Ion Ratio Lower Upper

152 100

150 156.5 123.8 185.6

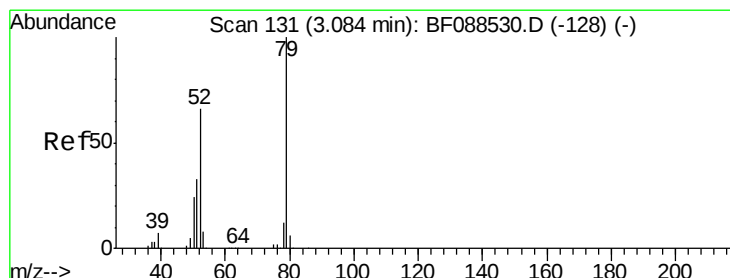
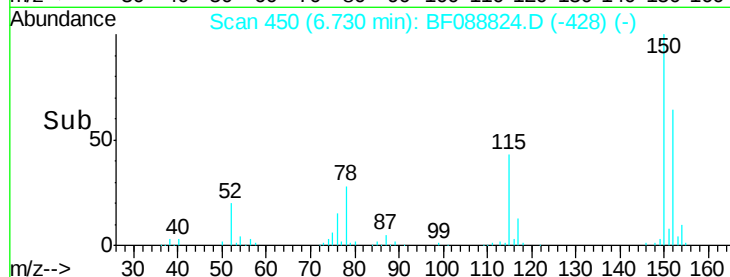
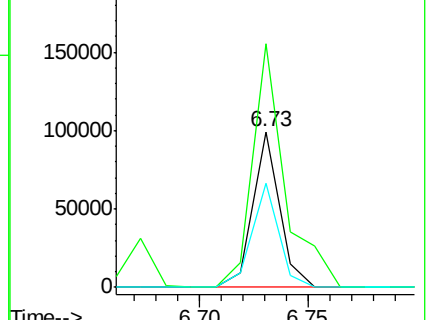
115 66.7 39.6 59.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#3

Pyridine

Concen: 26.14 ng

RT: 2.99 min Scan# 123

Delta R.T. -0.01 min

Lab File: BF088824.D

Acq: 8 Jul 2016 14:31

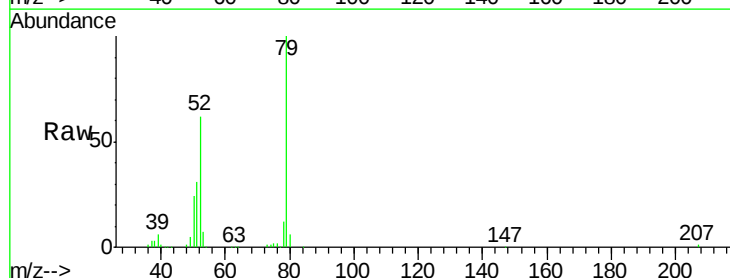
Tgt Ion: 79 Resp: 212890

Ion Ratio Lower Upper

79 100

52 62.5 56.3 84.5

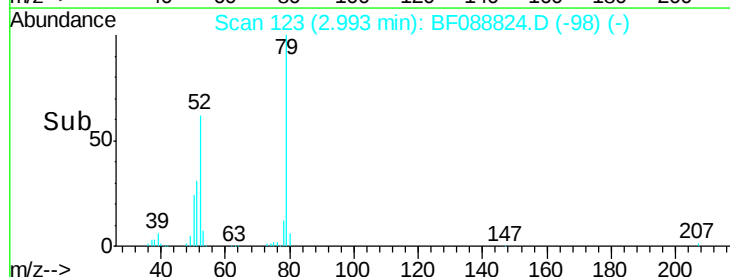
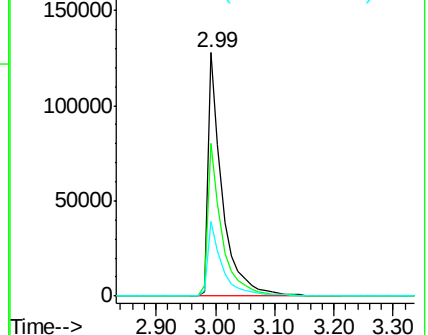
51 30.9 27.4 41.2

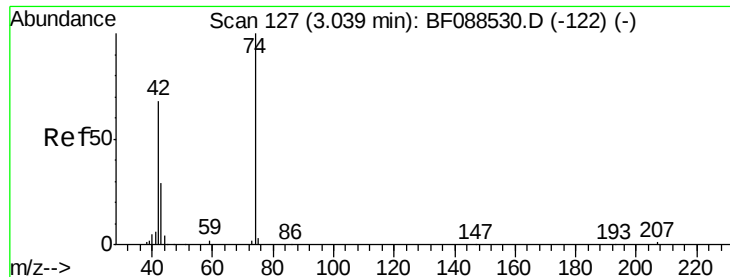


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0





#4

n-Nitrosodimethylamine

Concen: 32.41 ng

RT: 2.96 min Scan# 120

Delta R.T. -0.01 min

Lab File: BF088824.D

Acq: 8 Jul 2016 14:31

Instrument :

BNA_F

ClientSampleId :

PB91874BS

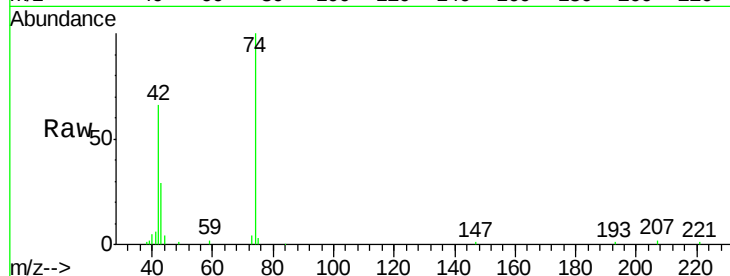
Tgt Ion: 42 Resp: 100821

Ion Ratio Lower Upper

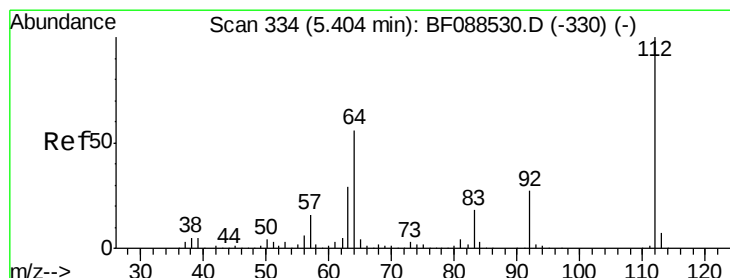
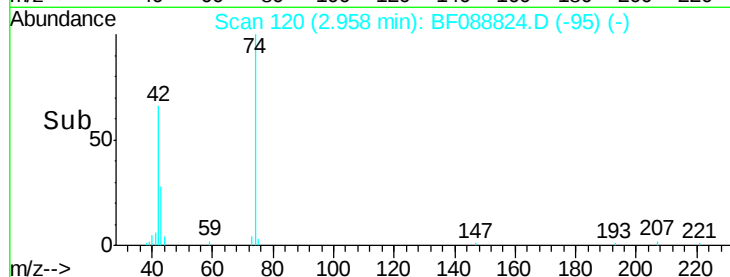
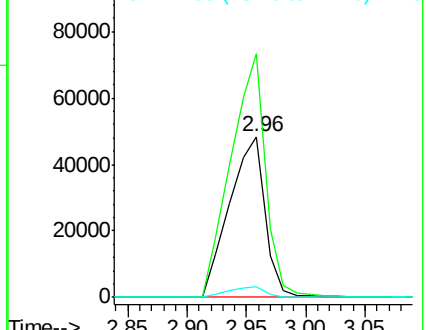
42 100

74 151.2 108.6 163.0

44 6.5 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: 106.68 ng

RT: 5.34 min Scan# 328

Delta R.T. -0.03 min

Lab File: BF088824.D

Acq: 8 Jul 2016 14:31

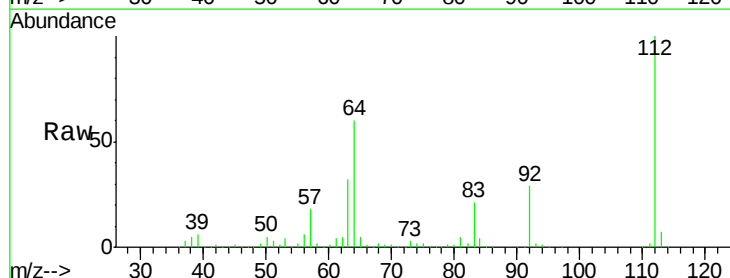
Tgt Ion: 112 Resp: 603817

Ion Ratio Lower Upper

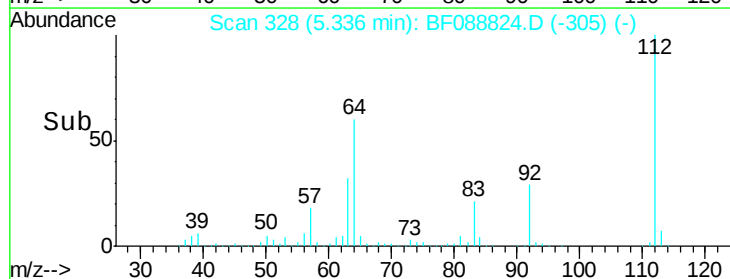
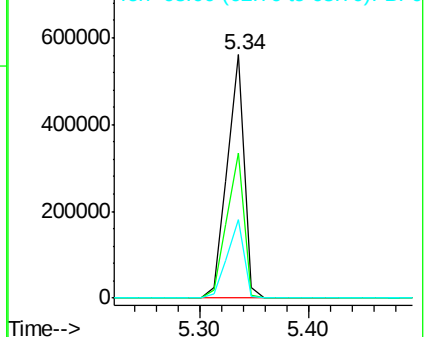
112 100

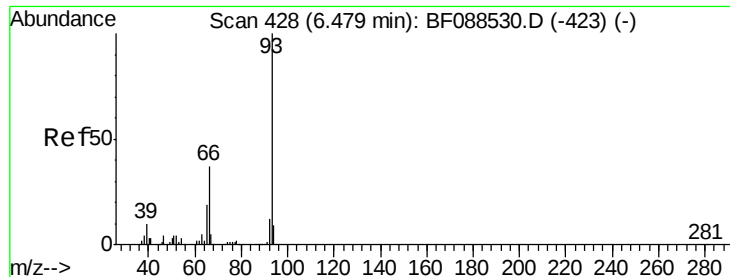
64 59.7 42.2 63.2

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: 25.13 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.03 min

Lab File: BF088824.D

Acq: 8 Jul 2016 14:31

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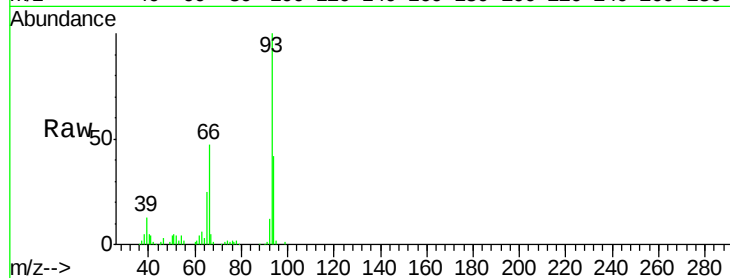
Tgt Ion: 93 Resp: 267815

Ion Ratio Lower Upper

93 100

66 46.5 29.8 44.8#

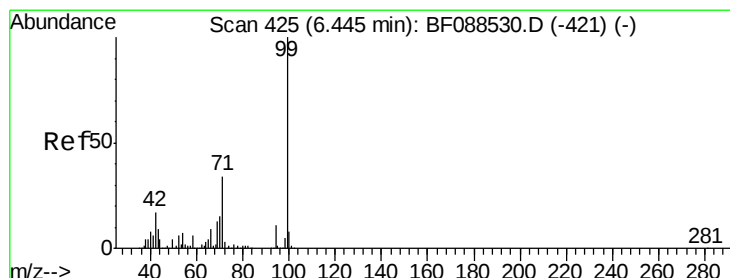
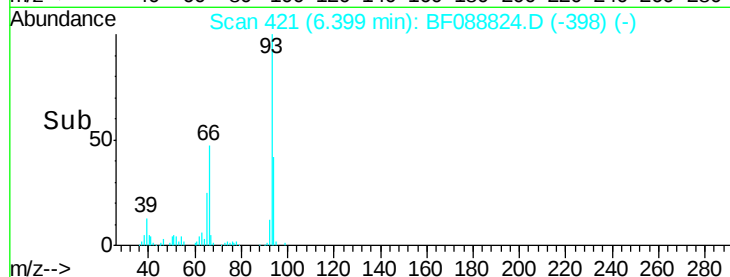
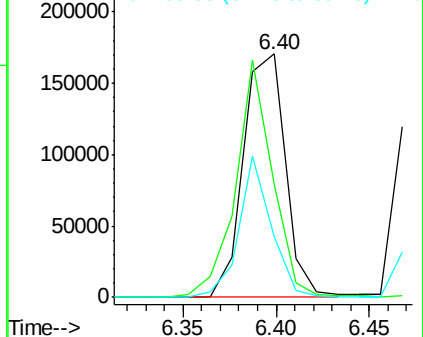
65 24.9 14.9 22.3#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 109.05 ng

RT: 6.38 min Scan# 419

Delta R.T. -0.03 min

Lab File: BF088824.D

Acq: 8 Jul 2016 14:31

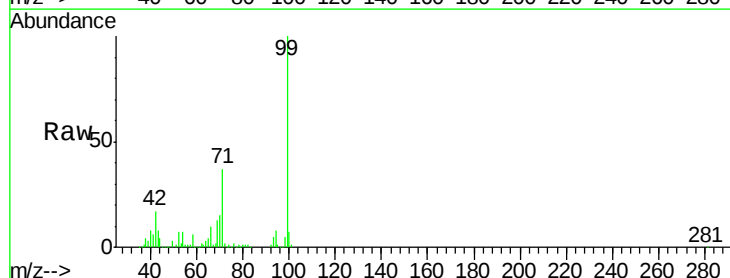
Tgt Ion: 99 Resp: 797550

Ion Ratio Lower Upper

99 100

42 17.0 12.2 18.2

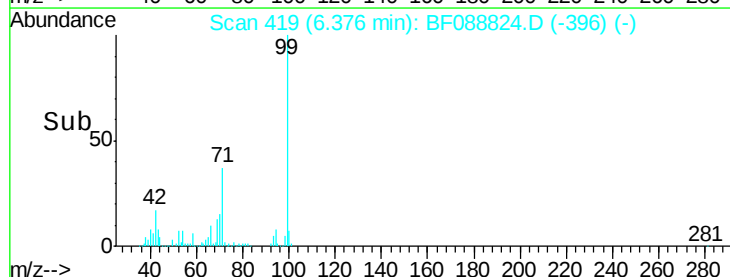
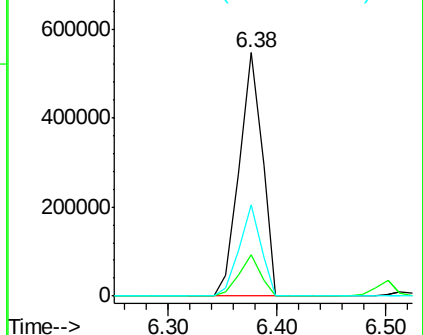
71 37.3 23.4 35.0#

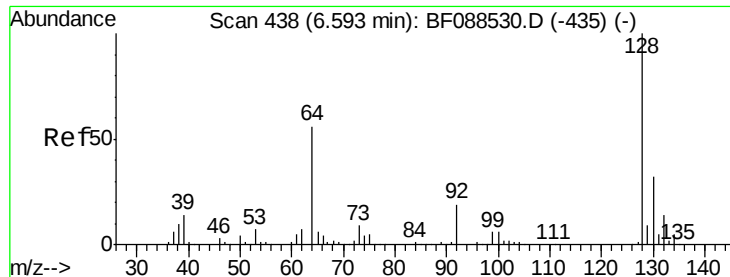


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#8

2-Chlorophenol

Concen: 38.65 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.03 min

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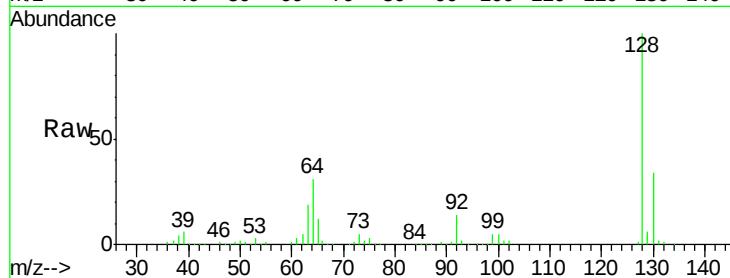
Tgt Ion:128 Resp: 235151

Ion Ratio Lower Upper

128 100

130 33.7 12.0 52.0

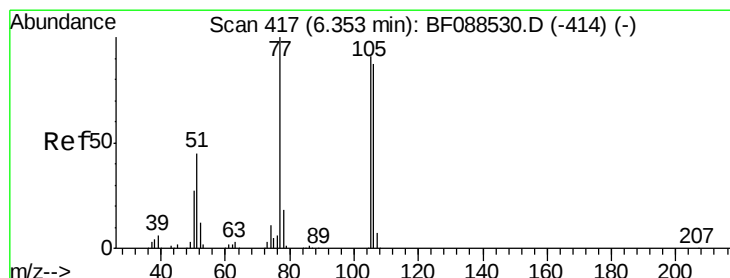
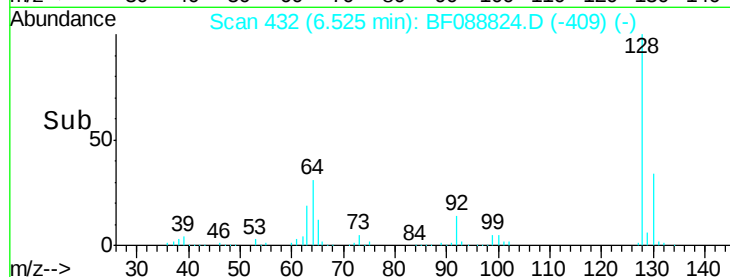
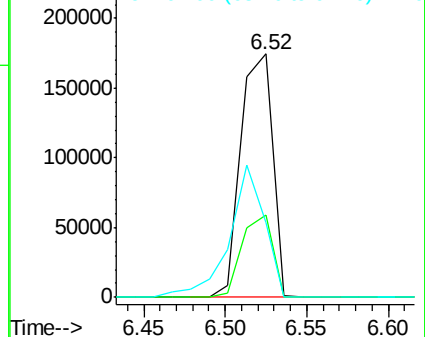
64 30.9 30.8 70.8



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: 30.14 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.05 min

Lab File: BF088824.D

Acq: 8 Jul 2016 14:31

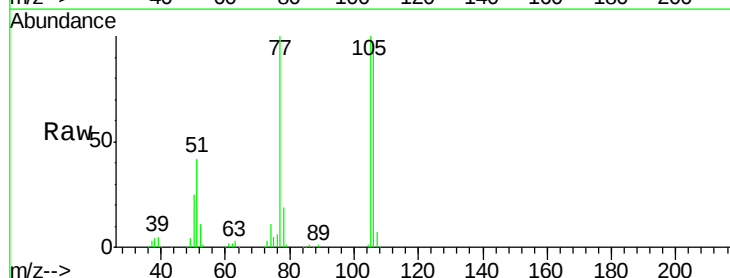
Tgt Ion: 77 Resp: 149306

Ion Ratio Lower Upper

77 100

105 99.9 90.6 130.6

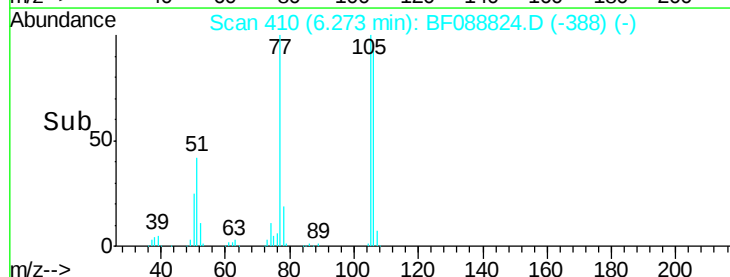
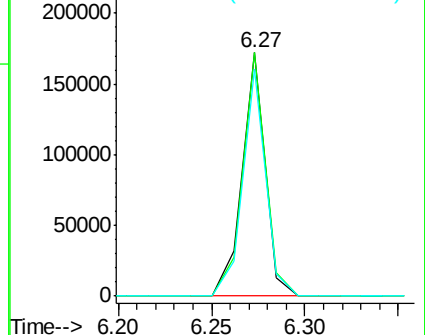
106 93.2 85.3 125.3

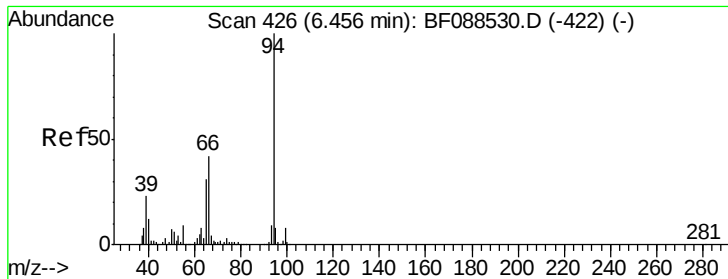


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 27.97 ng

RT: 6.39 min Scan# 420

Delta R.T. -0.05 min

Lab File: BF088824.D

Acq: 8 Jul 2016 14:31

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PB91874BS

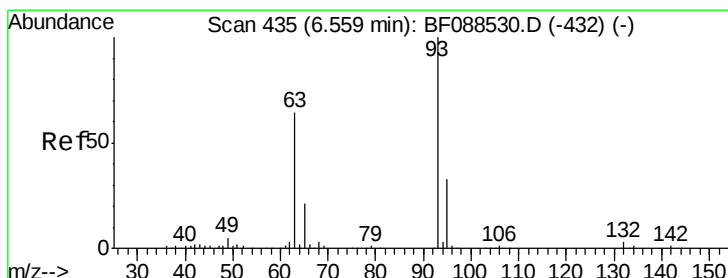
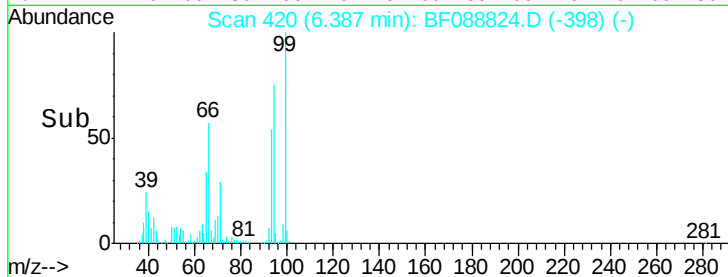
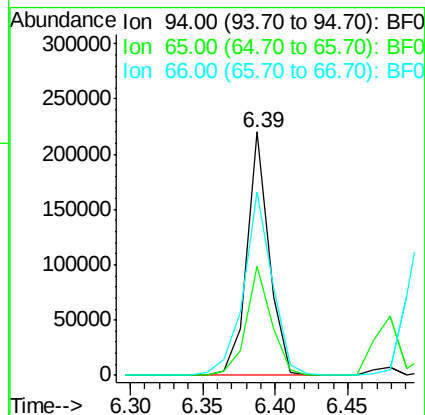
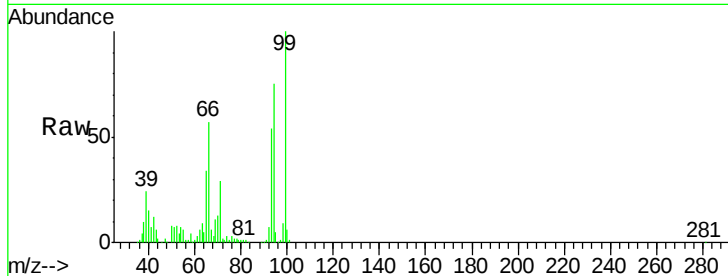
Tgt Ion: 94 Resp: 233461

Ion Ratio Lower Upper

94 100

65 44.8 5.9 45.9

66 75.6 14.0 54.0#



#11

bis(2-Chloroethyl)ether

Concen: 40.12 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.03 min

Lab File: BF088824.D

Acq: 8 Jul 2016 14:31

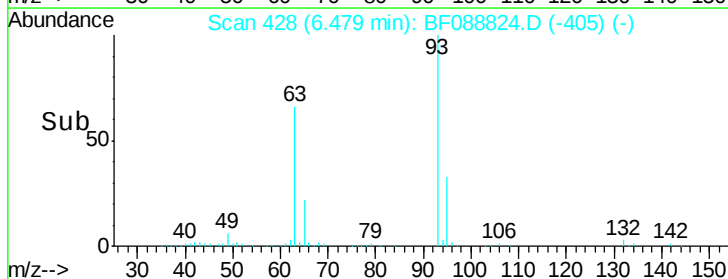
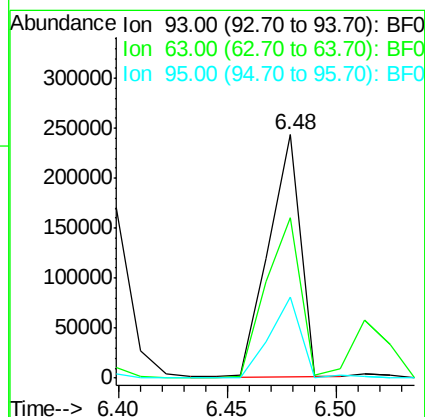
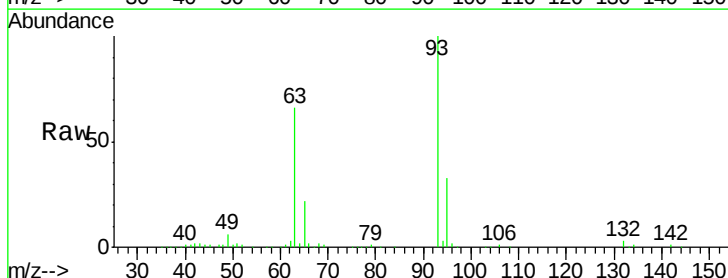
Tgt Ion: 93 Resp: 249743

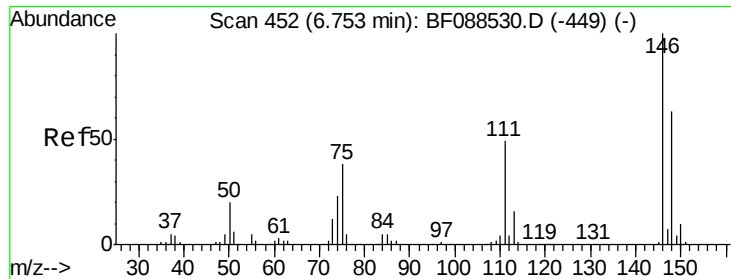
Ion Ratio Lower Upper

93 100

63 65.7 67.6 107.6#

95 33.1 12.5 52.5

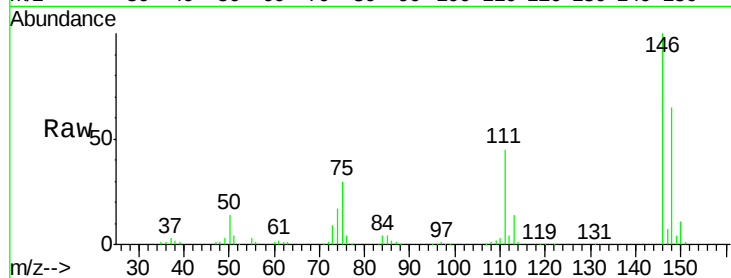




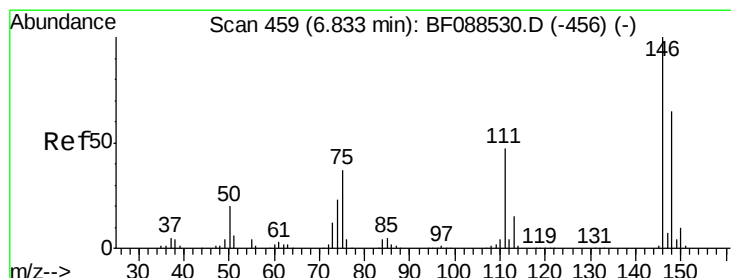
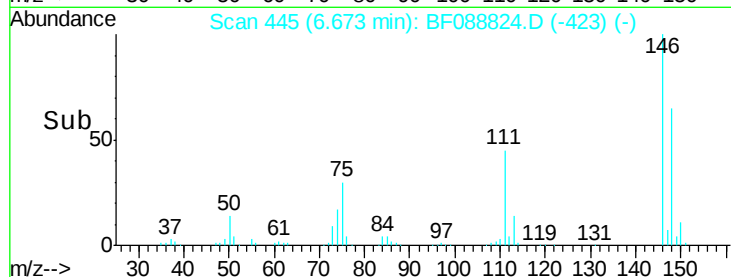
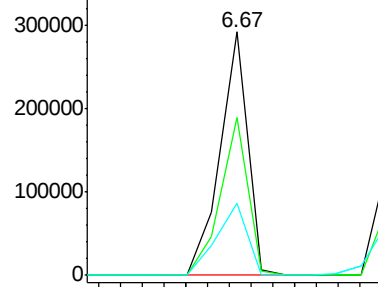
#12
 1,3-Dichlorobenzene
 Concen: 38.47 ng
 RT: 6.67 min Scan# 445
 Delta R.T. -0.05 min
 Lab File: BF088824.D
 Acq: 8 Jul 2016 14:31

Instrument :
 BNA_F
 ClientSampleId :
 PB91874BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	50.9	76.3
75	29.8	25.6	38.4

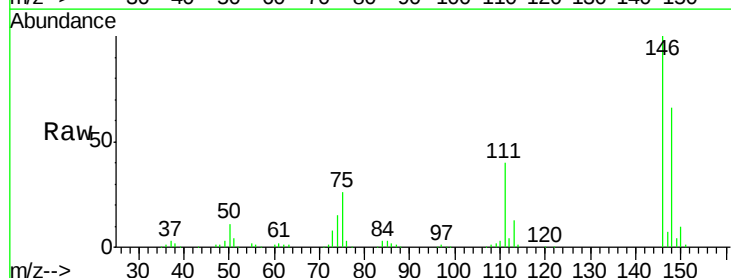


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

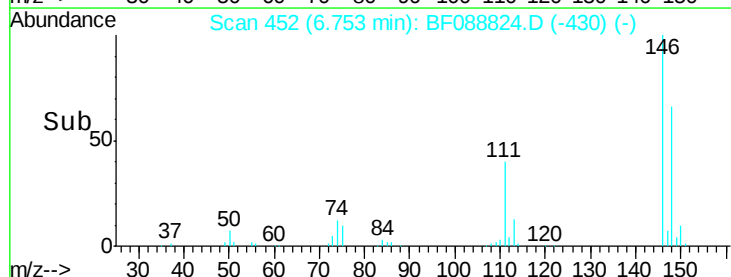
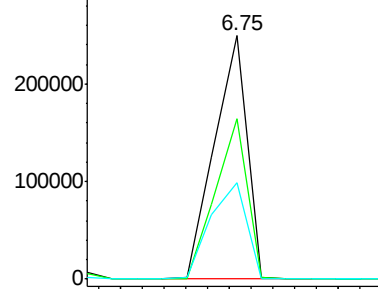


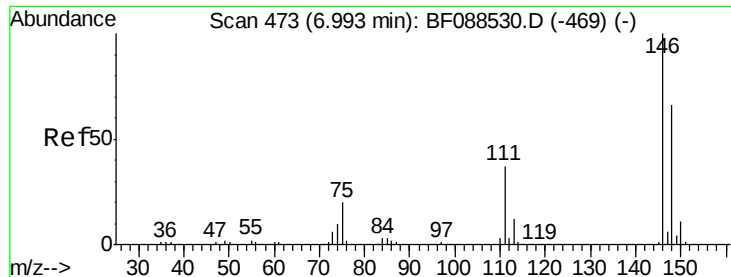
#13
 1,4-Dichlorobenzene
 Concen: 38.92 ng
 RT: 6.75 min Scan# 452
 Delta R.T. -0.05 min
 Lab File: BF088824.D
 Acq: 8 Jul 2016 14:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	52.0	78.0
111	39.6	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

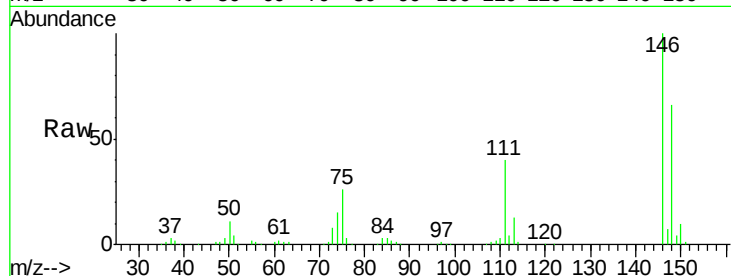




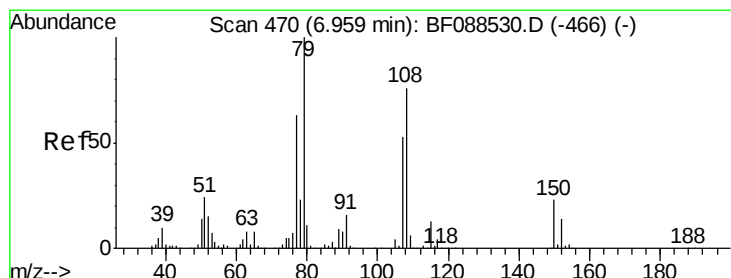
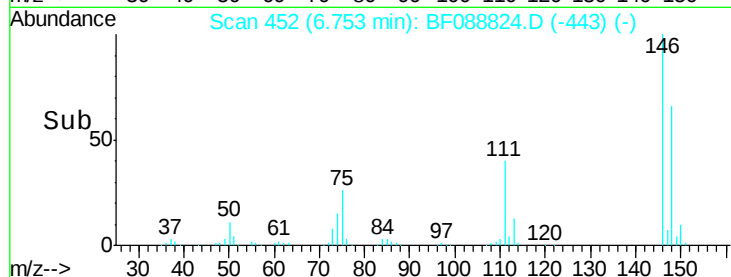
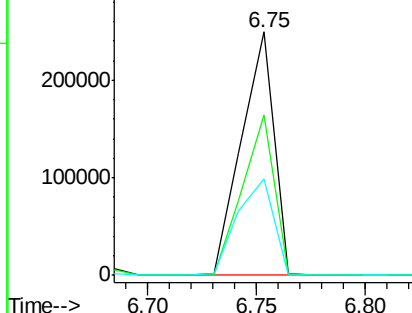
#14
 1,2-Dichlorobenzene
 Concen: 41.58 ng
 RT: 6.75 min Scan# 452
 Delta R.T. -0.19 min
 Lab File: BF088824.D
 Acq: 8 Jul 2016 14:31

Instrument :
 BNA_F
 ClientSampleId :
 PB91874BS

Tgt Ion:146 Resp: 258610
 Ion Ratio Lower Upper
 146 100
 148 65.6 52.3 78.5
 111 39.6 28.7 43.1

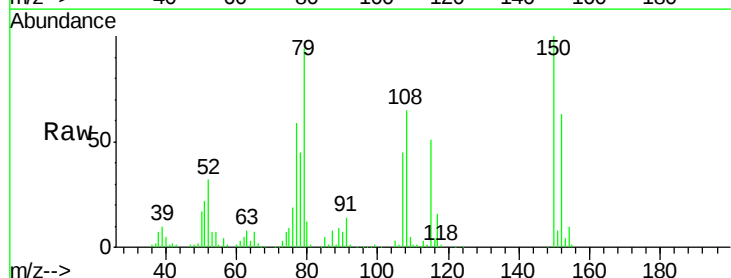


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

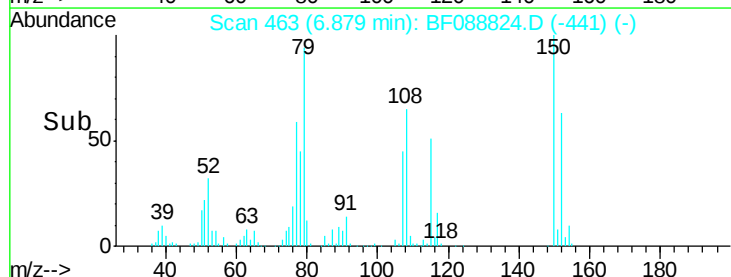
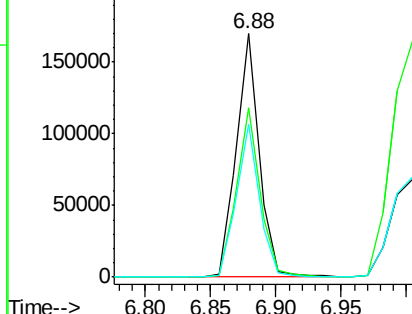


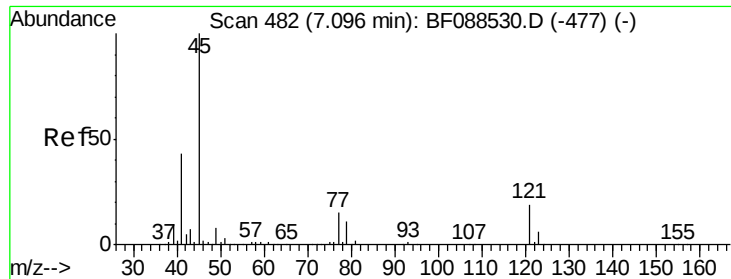
#15
 Benzyl Alcohol
 Concen: 38.51 ng
 RT: 6.88 min Scan# 463
 Delta R.T. -0.05 min
 Lab File: BF088824.D
 Acq: 8 Jul 2016 14:31

Tgt Ion: 79 Resp: 207273
 Ion Ratio Lower Upper
 79 100
 108 69.3 65.0 97.6
 77 62.6 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

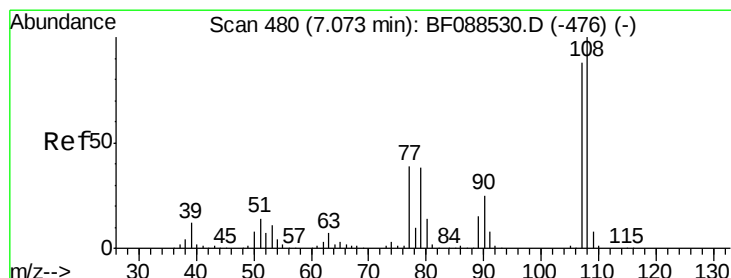
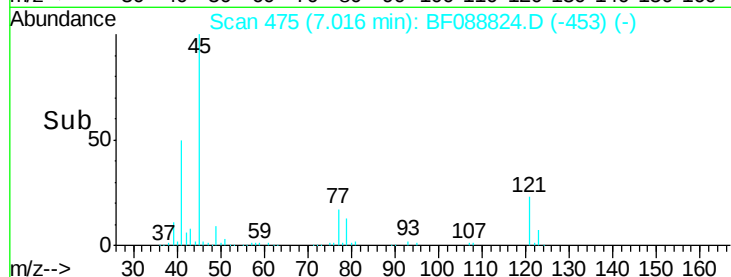
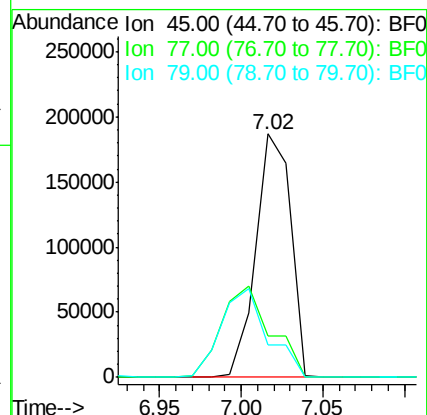
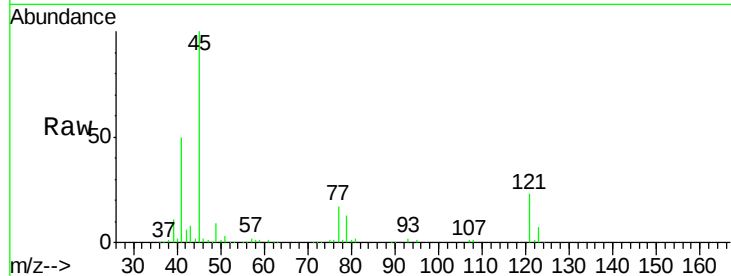




#16
2,2'-oxybis(1-Chloropropane)
Concen: 30.77 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.05 min
Lab File: BF088824.D
Acq: 8 Jul 2016 14:31

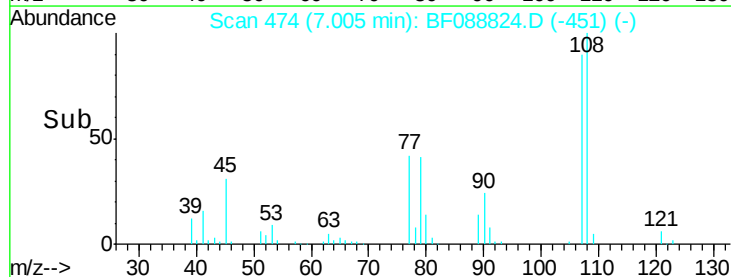
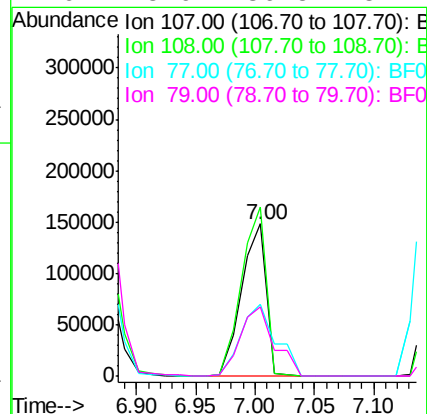
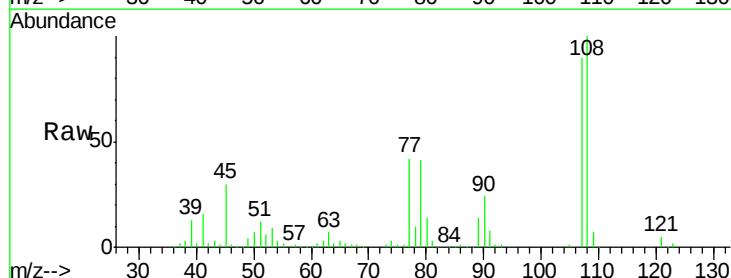
Instrument :
BNA_F
ClientSampleId :
PB91874BS

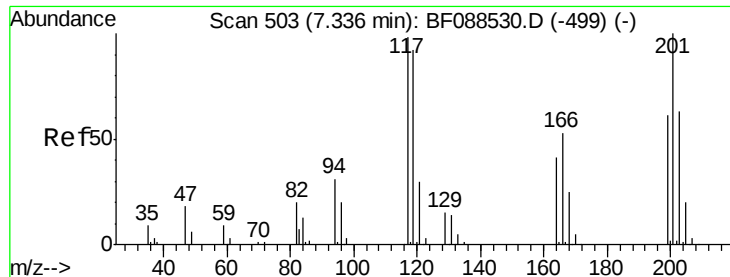
Tgt Ion: 45 Resp: 277368
Ion Ratio Lower Upper
45 100
77 16.9 0.0 32.5
79 13.2 0.0 29.5



#17
2-Methylphenol
Concen: 43.01 ng
RT: 7.00 min Scan# 474
Delta R.T. -0.03 min
Lab File: BF088824.D
Acq: 8 Jul 2016 14:31

Tgt Ion: 107 Resp: 213451
Ion Ratio Lower Upper
107 100
108 111.0 90.9 136.3
77 47.1 36.6 55.0
79 45.9 36.5 54.7

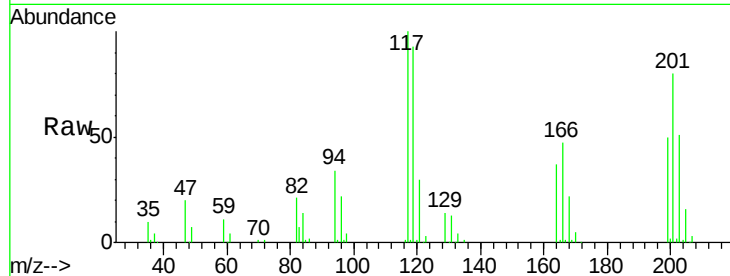




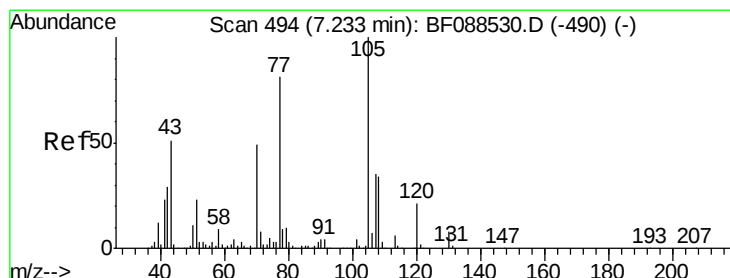
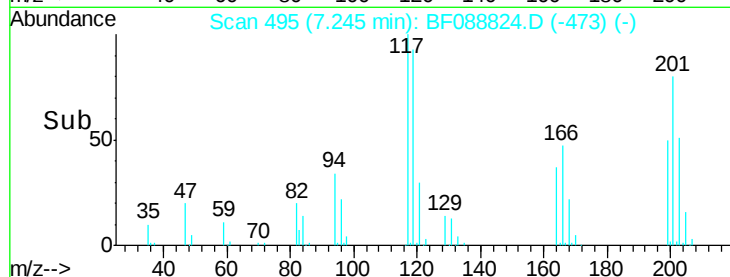
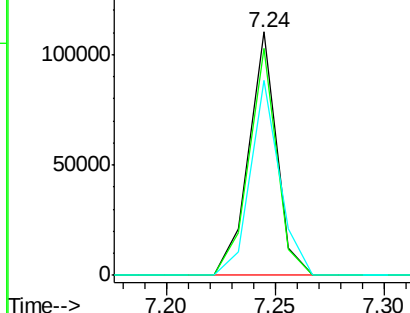
#18
Hexachloroethane
Concen: 38.28 ng
RT: 7.24 min Scan# 495
Delta R.T. -0.05 min
Lab File: BF088824.D
Acq: 8 Jul 2016 14:31

Instrument :
BNA_F
ClientSampleId :
PB91874BS

Tgt Ion: 117 Resp: 98394
Ion Ratio Lower Upper
117 100
119 93.3 77.4 116.2
201 80.3 80.4 120.6#



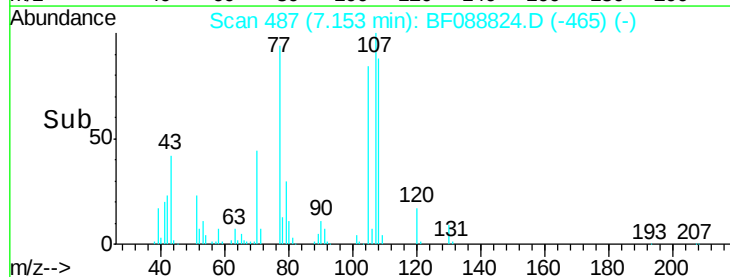
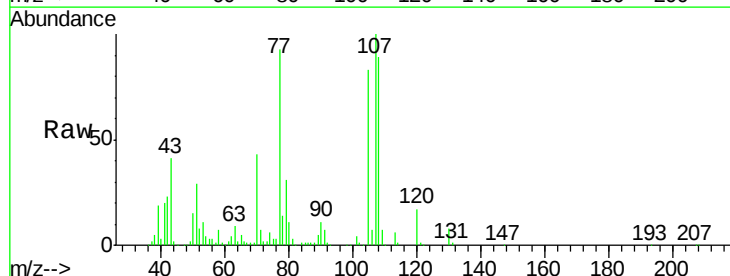
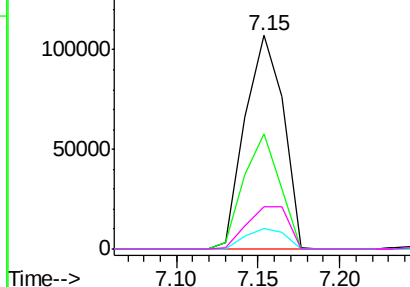
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

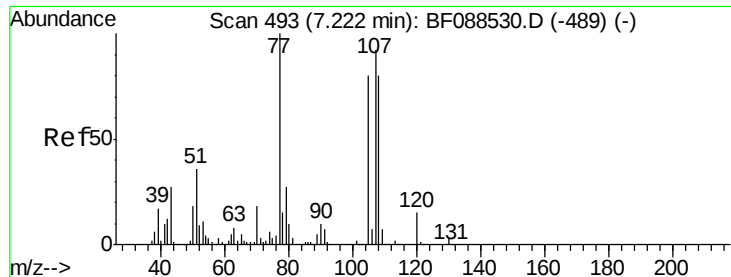


#19
n-Nitroso-di-n-propylamine
Concen: 35.40 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.05 min
Lab File: BF088824.D
Acq: 8 Jul 2016 14:31

Tgt Ion: 70 Resp: 173926
Ion Ratio Lower Upper
70 100
42 53.8 49.6 74.4
101 9.5 7.1 10.7
130 19.6 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

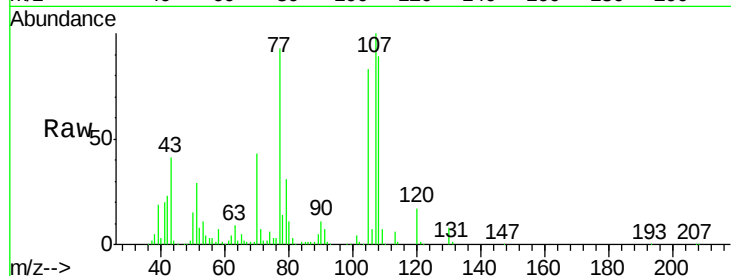




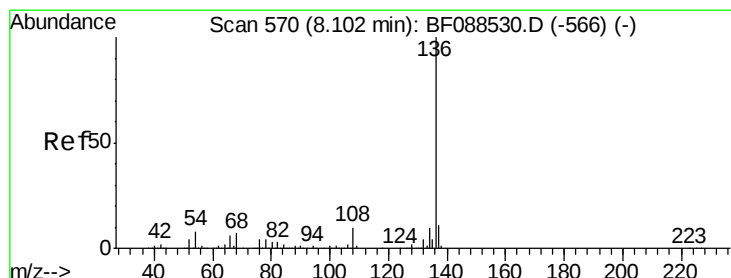
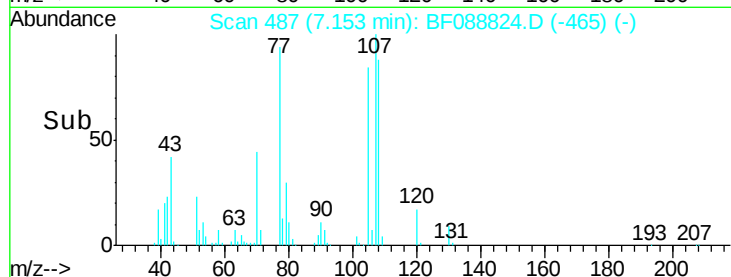
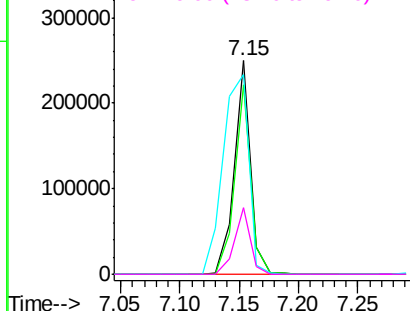
#20
3+4-Methylphenols
Concen: 39.70 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.05 min
Lab File: BF088824.D
Acq: 8 Jul 2016 14:31

Instrument :
BNA_F
ClientSampleId :
PB91874BS

Tgt Ion:107 Resp: 236492
Ion Ratio Lower Upper
107 100
108 88.8 67.8 107.8
77 93.4 59.3 99.3
79 31.3 7.0 47.0

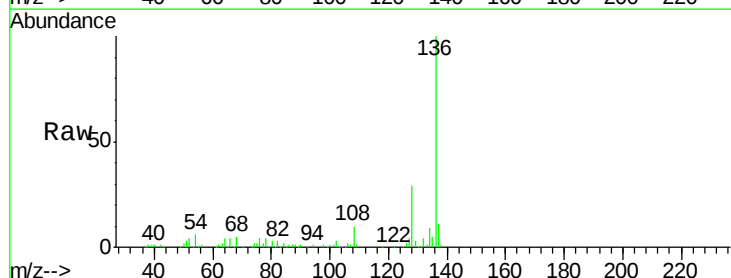


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

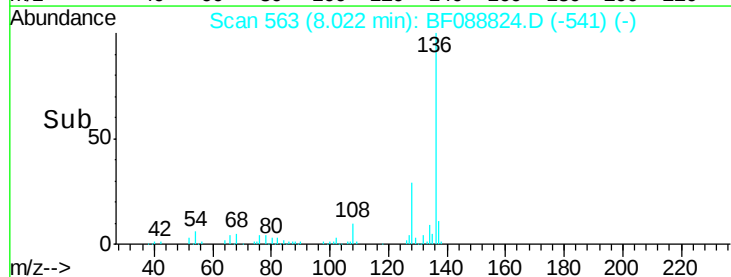
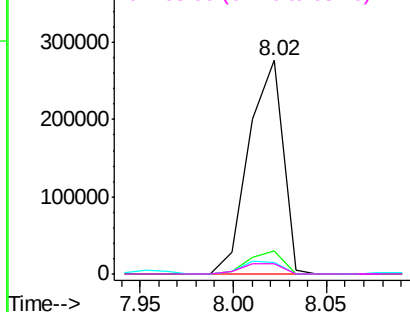


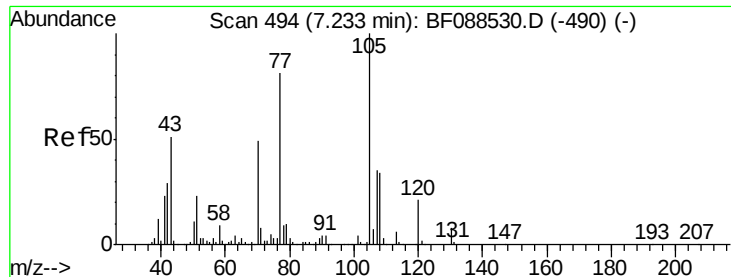
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 563
Delta R.T. -0.05 min
Lab File: BF088824.D
Acq: 8 Jul 2016 14:31

Tgt Ion:136 Resp: 350137
Ion Ratio Lower Upper
136 100
137 10.5 9.1 13.7
54 5.6 6.6 10.0#
68 4.9 5.1 7.7#



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0





#22

Acetophenone

Concen: 41.05 ng

RT: 7.14 min Scan# 486

Delta R.T. -0.06 min

Lab File: BF088824.D

Acq: 8 Jul 2016 14:31

Instrument :

BNA_F

ClientSampleId :

PB91874BS

Tgt Ion:105 Resp: 348868

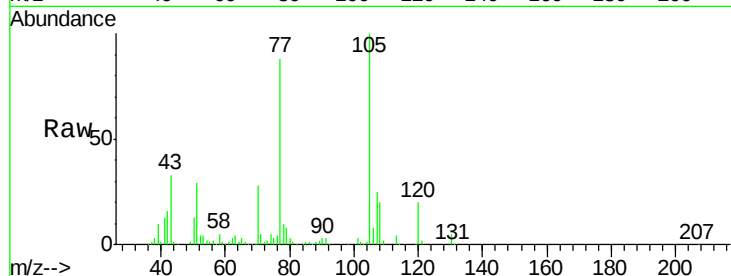
Ion Ratio Lower Upper

105 100

71 4.6 5.3 7.9#

51 29.1 18.2 27.4#

120 19.7 18.0 27.0

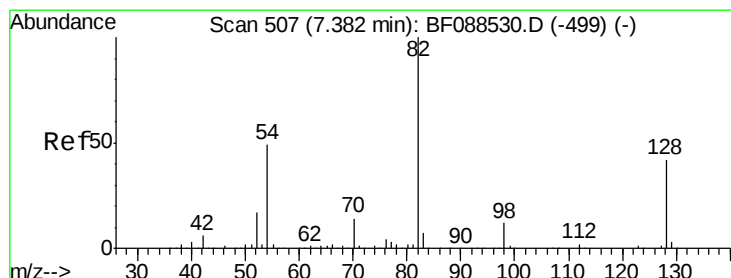
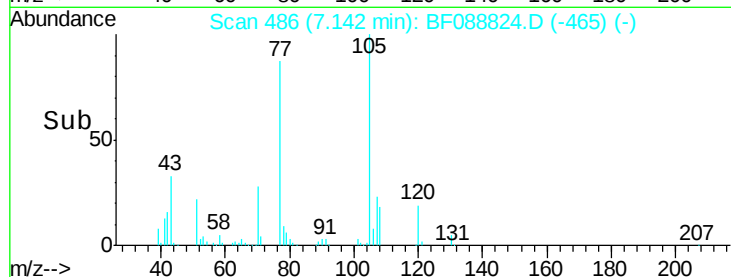
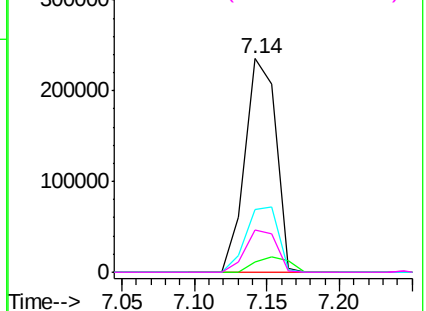


Abundance Ion 105.00 (104.70 to 105.70): E

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: 81.91 ng

RT: 7.30 min Scan# 500

Delta R.T. -0.05 min

Lab File: BF088824.D

Acq: 8 Jul 2016 14:31

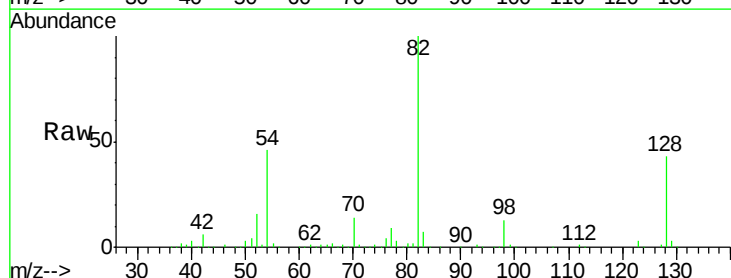
Tgt Ion: 82 Resp: 547261

Ion Ratio Lower Upper

82 100

128 43.0 35.9 53.9

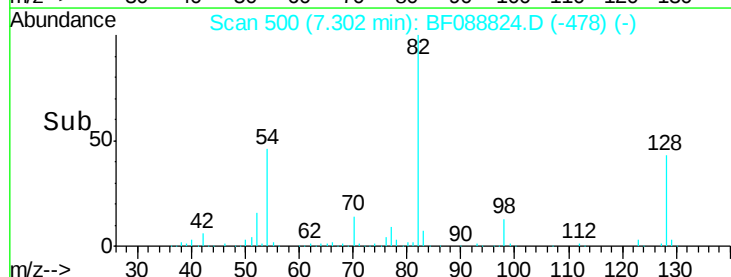
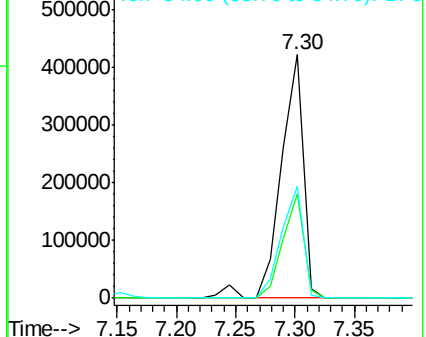
54 45.8 40.9 61.3

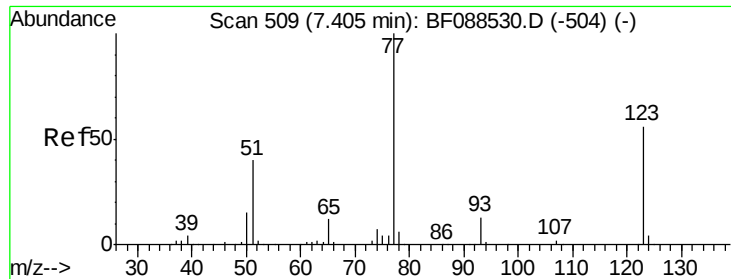


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 36.93 ng

RT: 7.31 min Scan# 501

Delta R.T. -0.05 min

Lab File: BF088824.D

Acq: 8 Jul 2016 14:31

Instrument :

BNA_F

ClientSampled :

PB91874BS

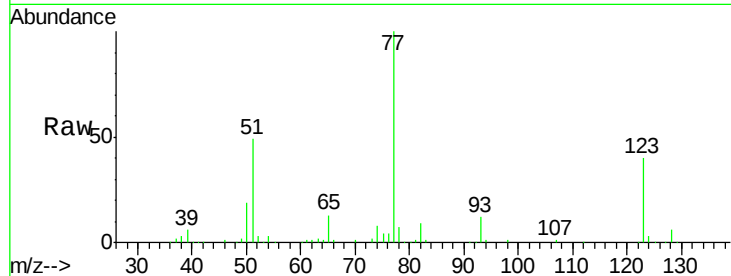
Tgt Ion: 77 Resp: 248795

Ion Ratio Lower Upper

77 100

123 39.7 45.0 67.4#

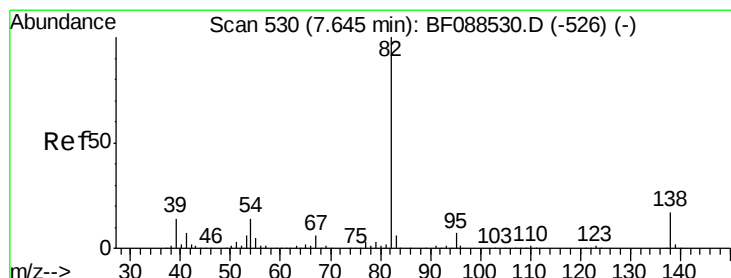
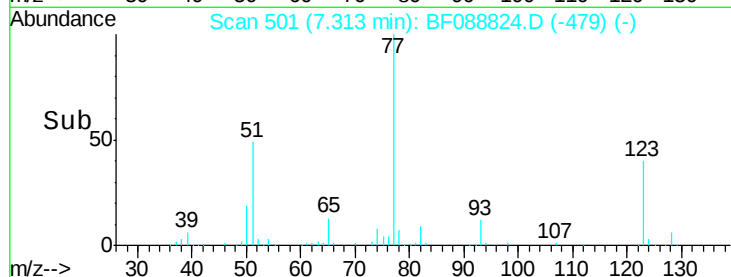
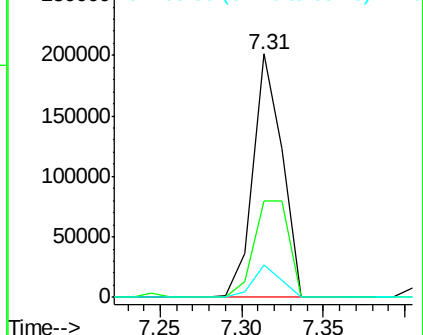
65 13.4 10.2 15.2



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 39.80 ng

RT: 7.56 min Scan# 523

Delta R.T. -0.05 min

Lab File: BF088824.D

Acq: 8 Jul 2016 14:31

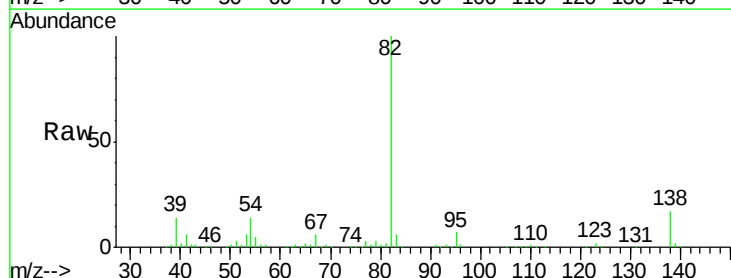
Tgt Ion: 82 Resp: 492639

Ion Ratio Lower Upper

82 100

95 7.5 5.4 8.2

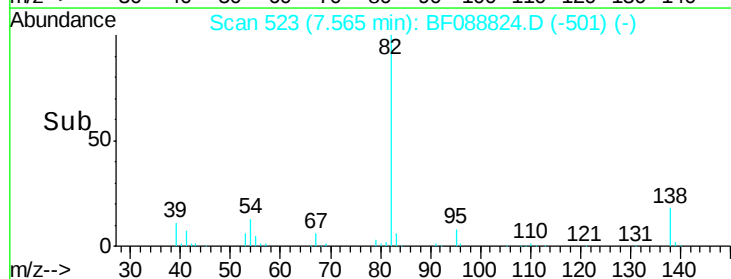
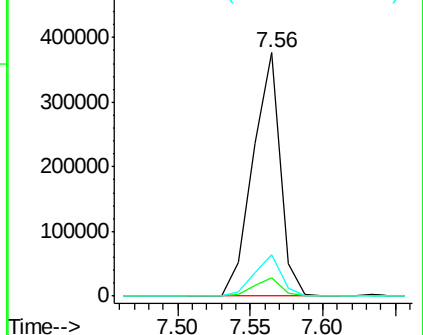
138 17.2 14.6 21.8

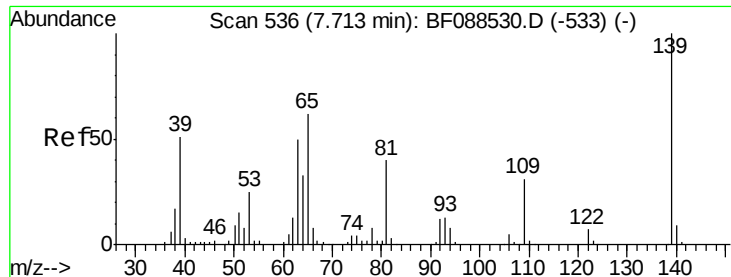


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

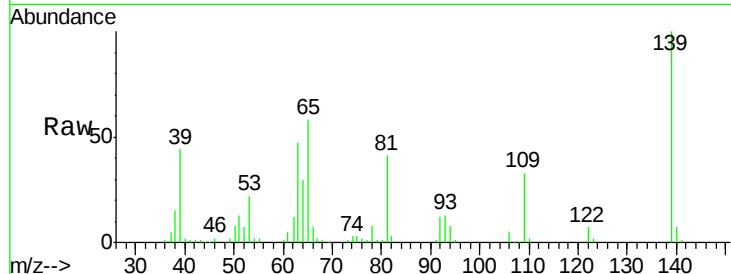




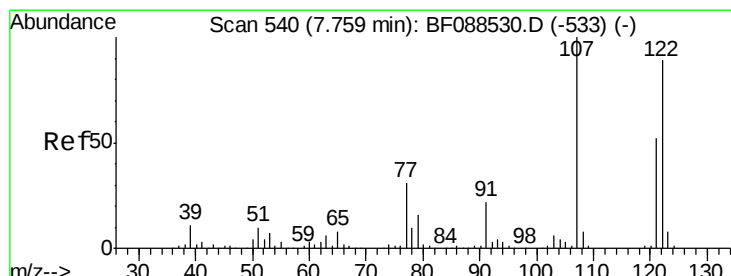
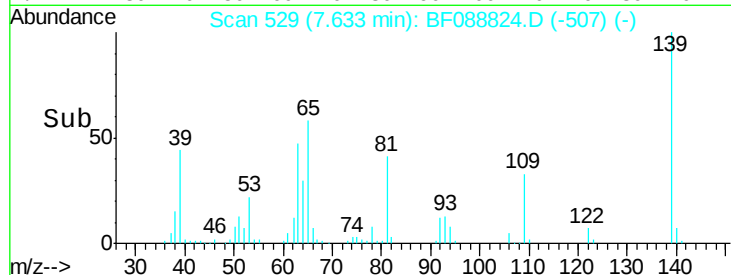
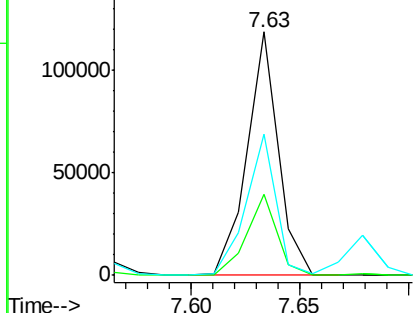
#26
 2-Nitrophenol
 Concen: 42.75 ng
 RT: 7.63 min Scan# 529
 Delta R.T. -0.05 min
 Lab File: BF088824.D
 Acq: 8 Jul 2016 14:31

Instrument :
 BNA_F
 ClientSampleId :
 PB91874BS

Tgt Ion:139 Resp: 118095
 Ion Ratio Lower Upper
 139 100
 109 33.1 23.0 34.4
 65 57.8 45.8 68.8

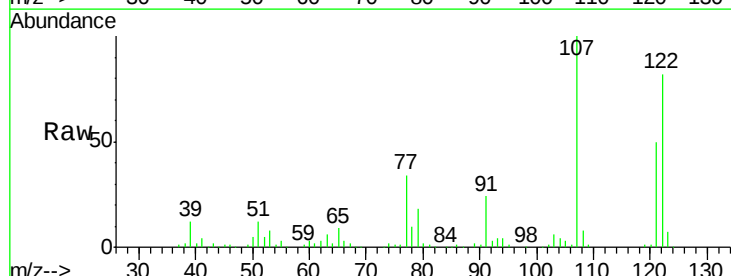


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): E

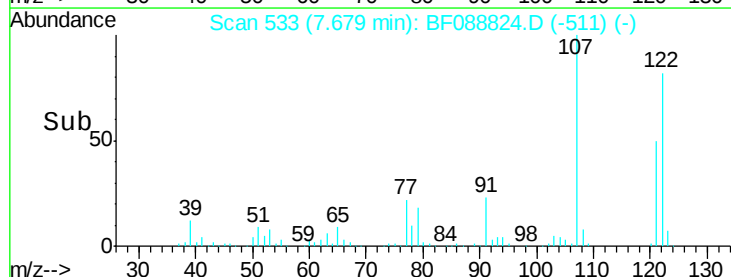
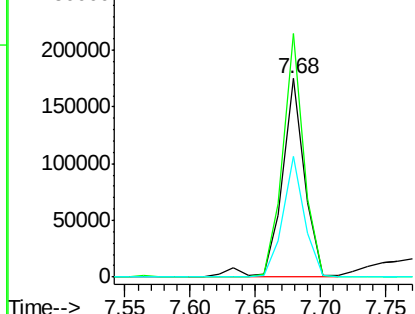


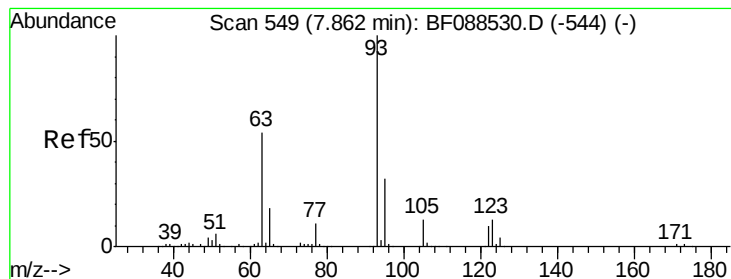
#27
 2,4-Dimethylphenol
 Concen: 37.29 ng
 RT: 7.68 min Scan# 533
 Delta R.T. -0.05 min
 Lab File: BF088824.D
 Acq: 8 Jul 2016 14:31

Tgt Ion:122 Resp: 214549
 Ion Ratio Lower Upper
 122 100
 107 122.7 82.4 123.6
 121 60.8 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: 39.18 ng

RT: 7.78 min Scan# 542

Delta R.T. -0.03 min

Lab File: BF088824.D

Acq: 8 Jul 2016 14:31

Instrument :

BNA_F

ClientSampleId :

PB91874BS

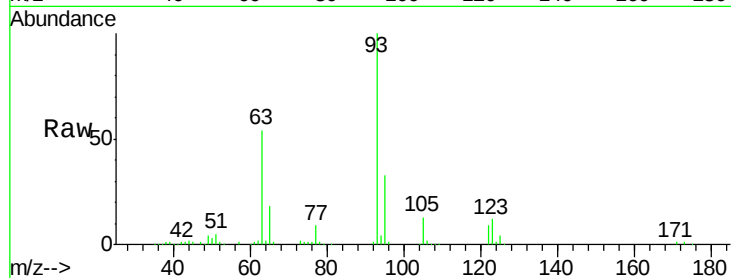
Tgt Ion: 93 Resp: 315582

Ion Ratio Lower Upper

93 100

95 32.6 26.5 39.7

123 12.2 11.6 17.4

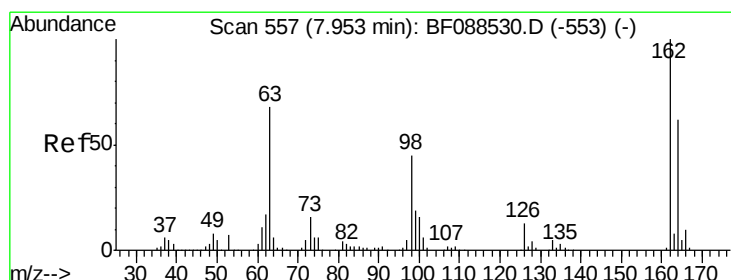
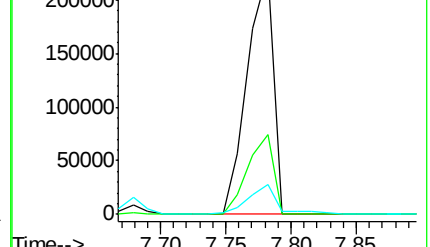
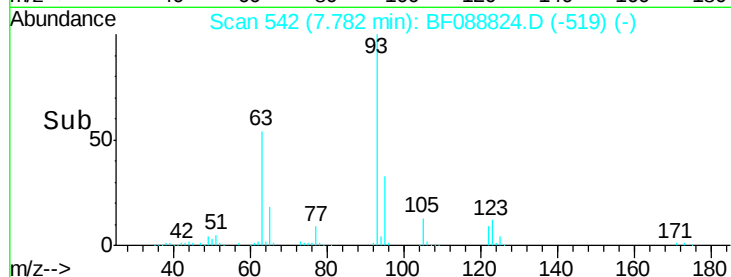


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Time-->



#29

2,4-Dichlorophenol

Concen: 42.58 ng

RT: 7.88 min Scan# 551

Delta R.T. -0.03 min

Lab File: BF088824.D

Acq: 8 Jul 2016 14:31

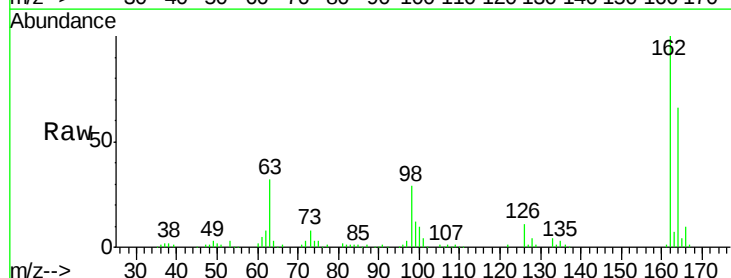
Tgt Ion: 162 Resp: 198020

Ion Ratio Lower Upper

162 100

164 65.5 43.8 83.8

98 29.4 21.3 61.3

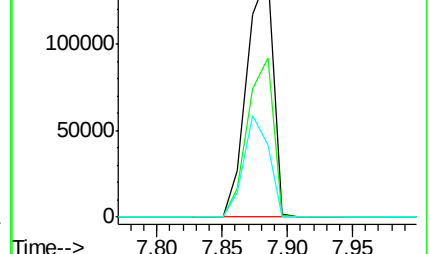
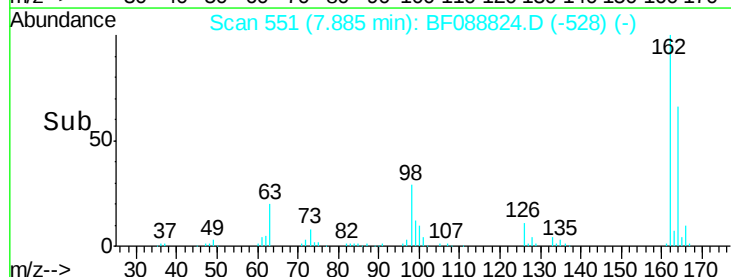


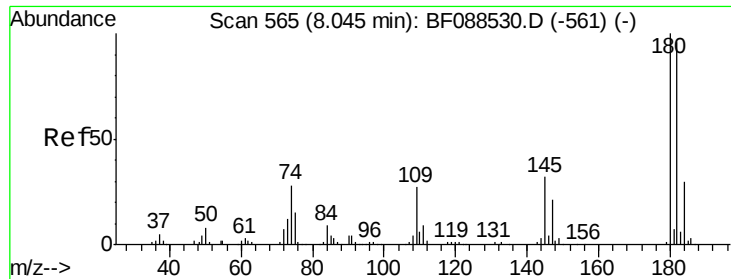
Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0

Time-->

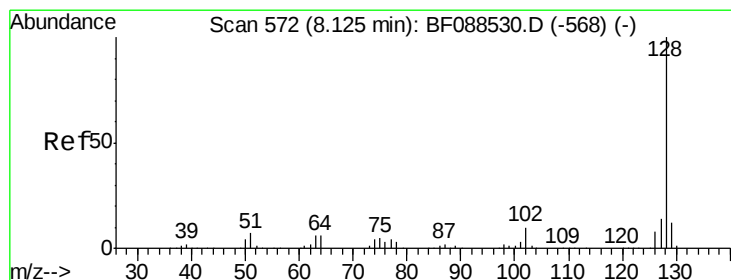
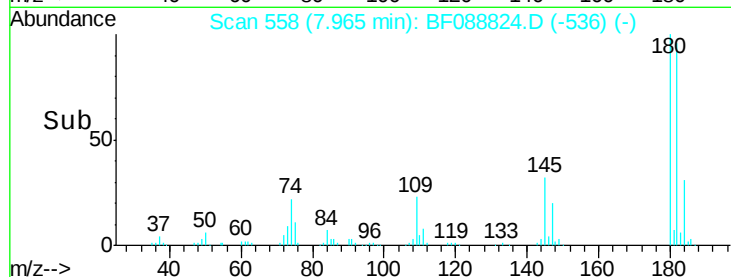
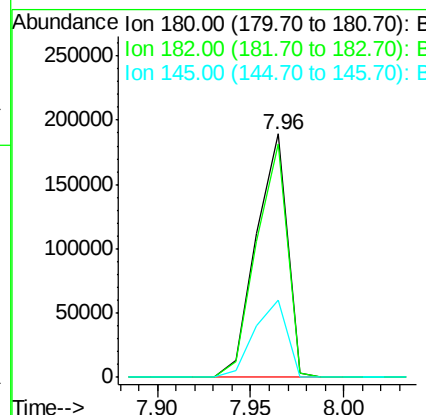
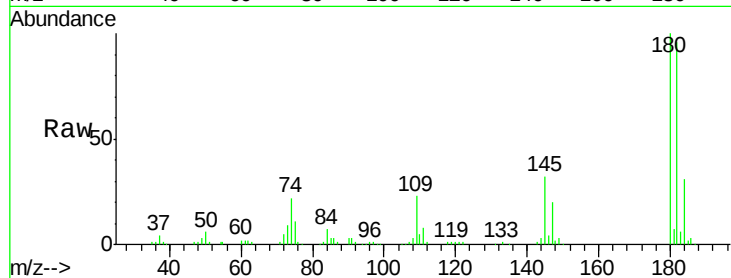




#30
 1,2,4-Trichlorobenzene
 Concen: 42.74 ng
 RT: 7.96 min Scan# 558
 Delta R.T. -0.05 min
 Lab File: BF088824.D
 Acq: 8 Jul 2016 14:31

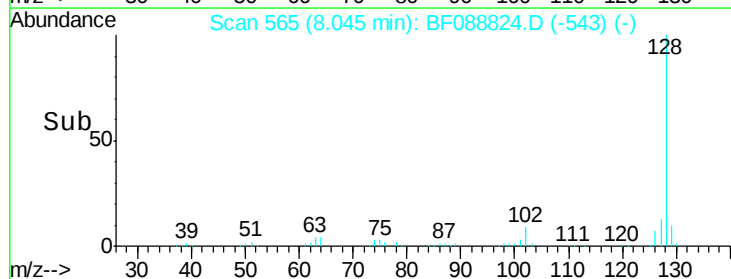
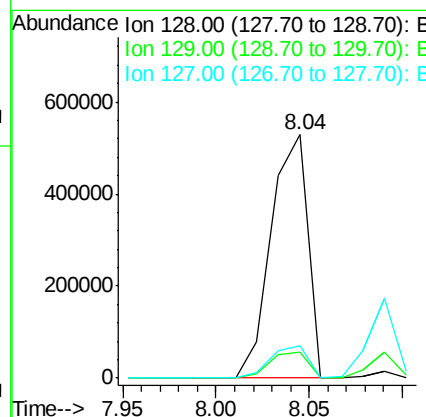
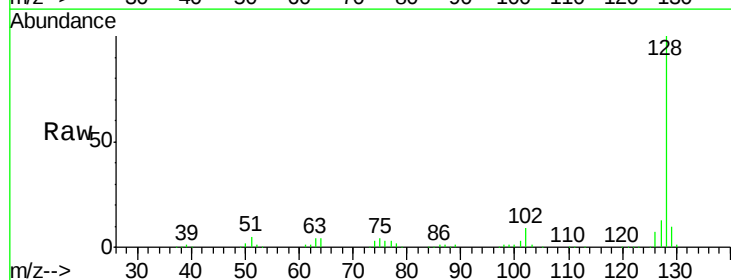
Instrument :
 BNA_F
 ClientSampleId :
 PB91874BS

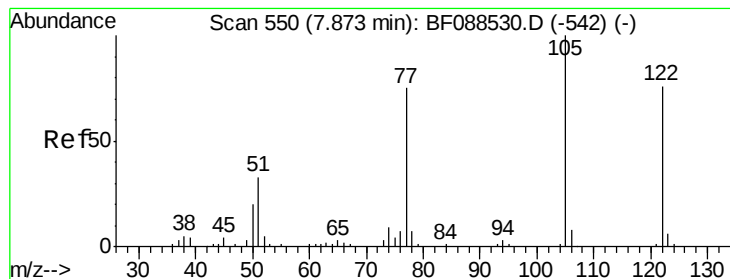
Tgt Ion:180 Resp: 218104
 Ion Ratio Lower Upper
 180 100
 182 96.1 76.0 114.0
 145 31.6 26.5 39.7



#31
 Naphthalene
 Concen: 41.81 ng
 RT: 8.04 min Scan# 565
 Delta R.T. -0.05 min
 Lab File: BF088824.D
 Acq: 8 Jul 2016 14:31

Tgt Ion:128 Resp: 721688
 Ion Ratio Lower Upper
 128 100
 129 10.5 9.4 14.2
 127 13.4 10.9 16.3





#32

Benzoic acid

Concen: 33.37 ng

RT: 7.82 min Scan# 545

Delta R.T. -0.05 min

Lab File: BF088824.D

Acq: 8 Jul 2016 14:31

Instrument :

BNA_F

ClientSampleId :

PB91874BS

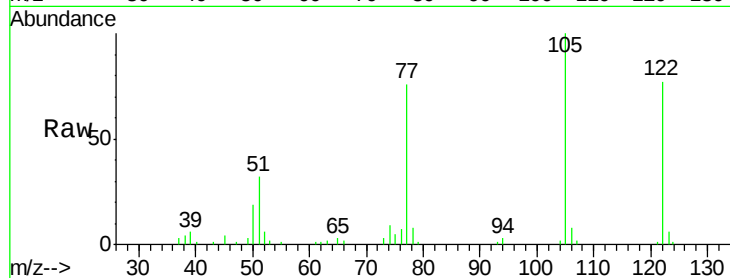
Tgt Ion:122 Resp: 139395

Ion Ratio Lower Upper

122 100

105 129.7 101.6 141.6

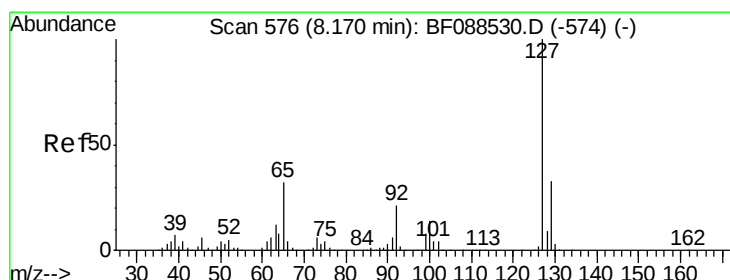
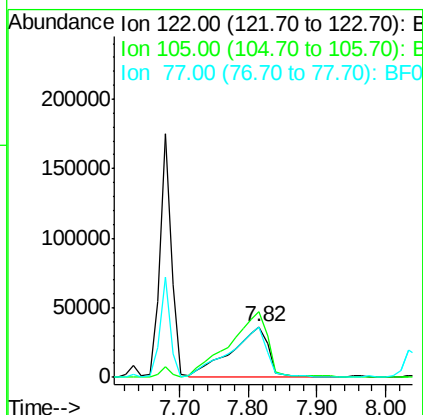
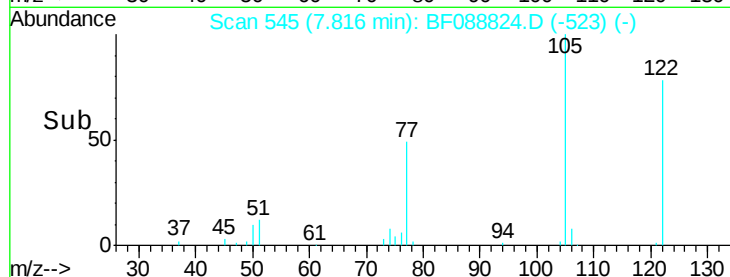
77 98.6 70.6 110.6



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: 23.18 ng

RT: 8.09 min Scan# 569

Delta R.T. -0.05 min

Lab File: BF088824.D

Acq: 8 Jul 2016 14:31

Tgt Ion:127 Resp: 178027

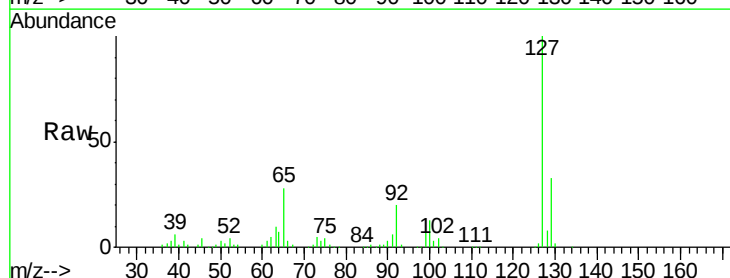
Ion Ratio Lower Upper

127 100

129 32.8 26.3 39.5

65 27.9 24.7 37.1

92 19.6 15.4 23.0

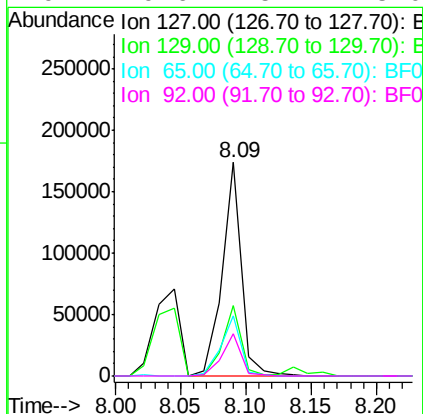
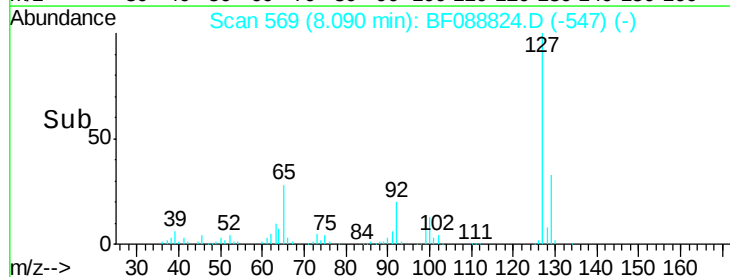


Abundance Ion 127.00 (126.70 to 127.70): E

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: 40.92 ng

RT: 8.16 min Scan# 575

Delta R.T. -0.05 min

Lab File: BF088824.D

Acq: 8 Jul 2016 14:31

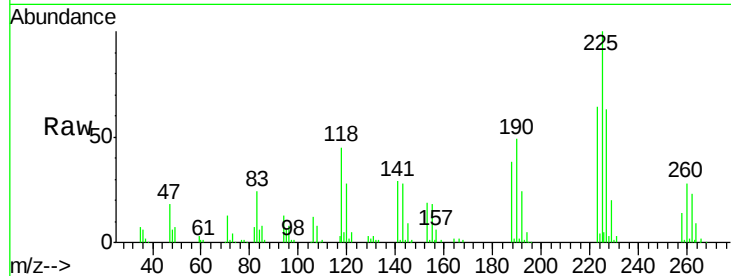
Instrument :

BNA_F

ClientSampleId :

PB91874BS

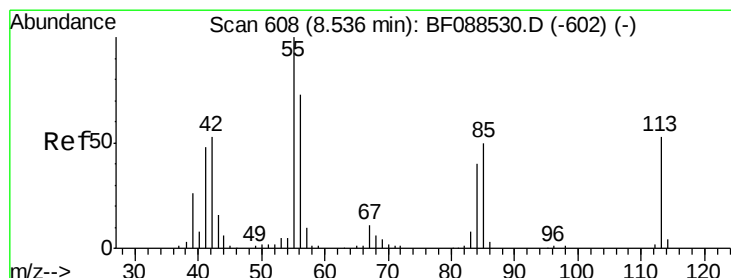
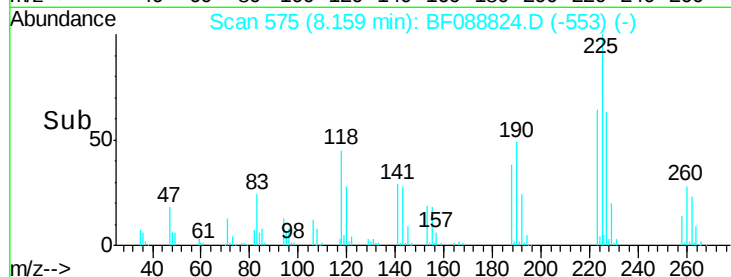
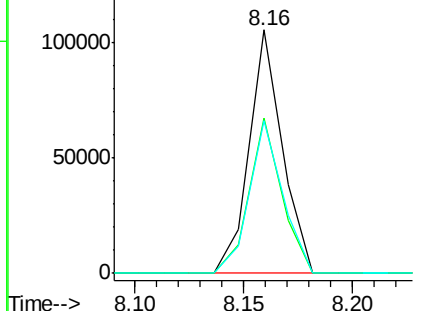
Tgt Ion:	225	Resp:	111807
Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.9	76.3
227	62.9	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 27.21 ng

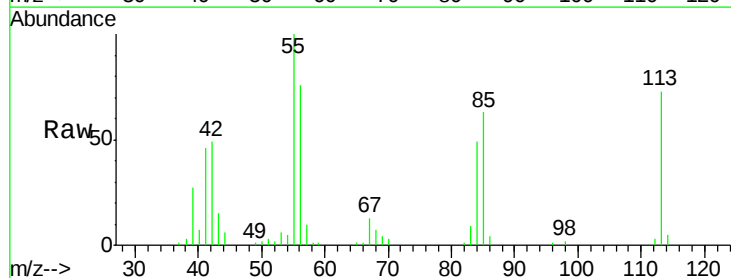
RT: 8.47 min Scan# 602

Delta R.T. -0.05 min

Lab File: BF088824.D

Acq: 8 Jul 2016 14:31

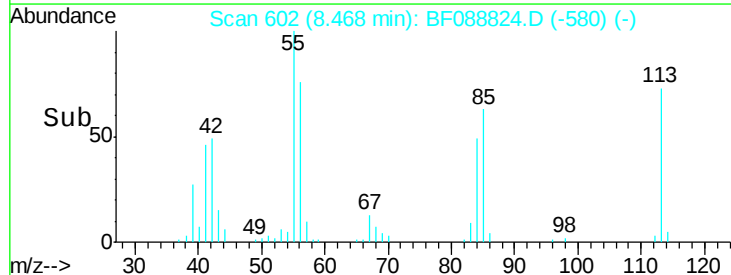
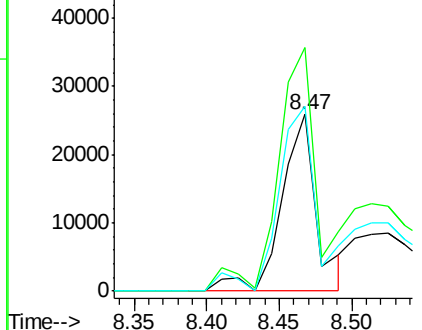
Tgt Ion:	113	Resp:	42967
Ion	Ratio	Lower	Upper
113	100		
55	137.7	158.6	198.6#
56	104.5	110.6	150.6#

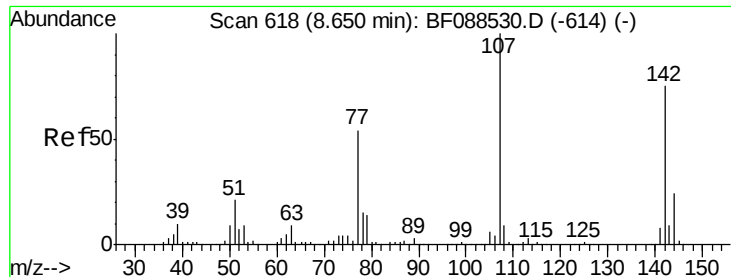


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

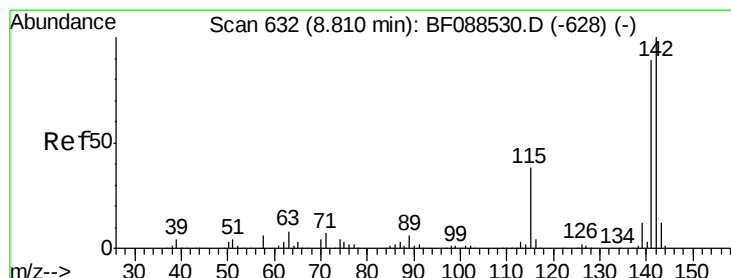
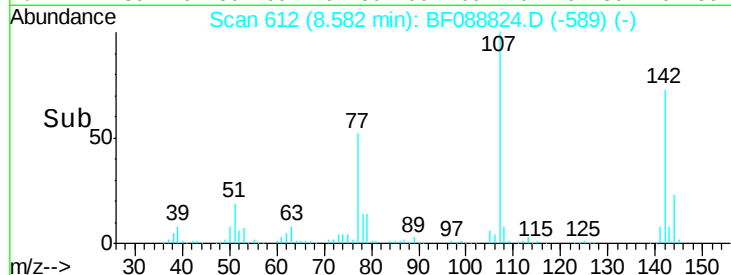
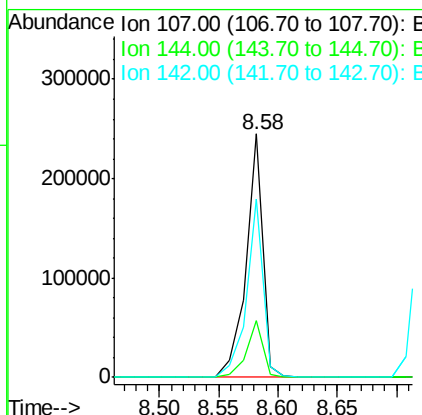
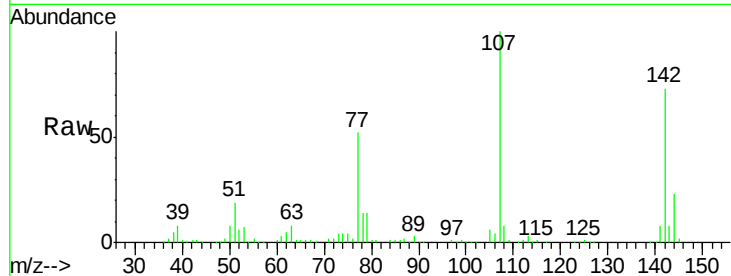




#36
 4-Chloro-3-methylphenol
 Concen: 43.96 ng
 RT: 8.58 min Scan# 612
 Delta R.T. -0.03 min
 Lab File: BF088824.D
 Acq: 8 Jul 2016 14:31

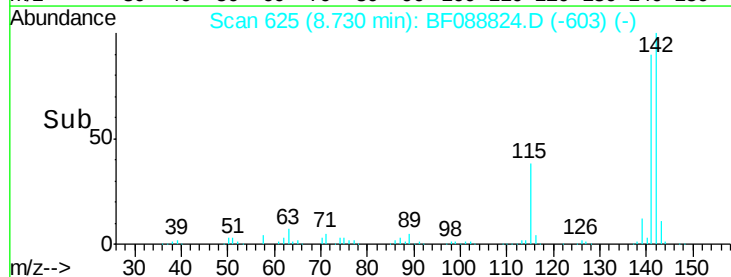
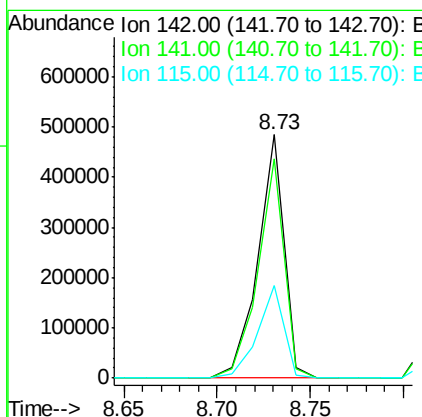
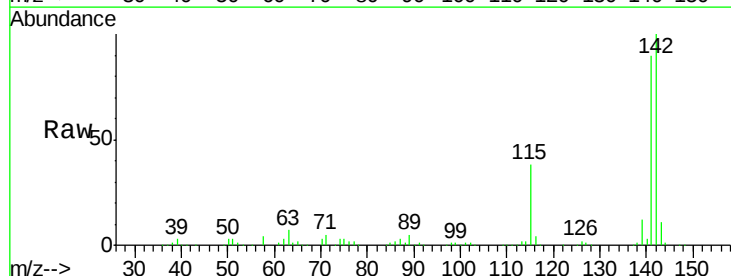
Instrument :
 BNA_F
 ClientSampleId :
 PB91874BS

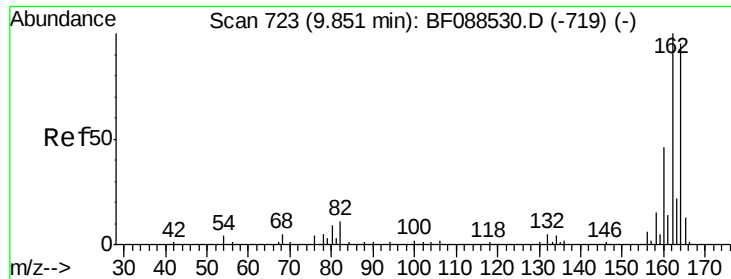
Tgt Ion:107 Resp: 241710
 Ion Ratio Lower Upper
 107 100
 144 23.5 20.8 31.2
 142 73.2 63.4 95.2



#37
 2-Methylnaphthalene
 Concen: 42.19 ng
 RT: 8.73 min Scan# 625
 Delta R.T. -0.05 min
 Lab File: BF088824.D
 Acq: 8 Jul 2016 14:31

Tgt Ion:142 Resp: 468929
 Ion Ratio Lower Upper
 142 100
 141 90.1 71.0 106.6
 115 37.9 22.6 33.8#

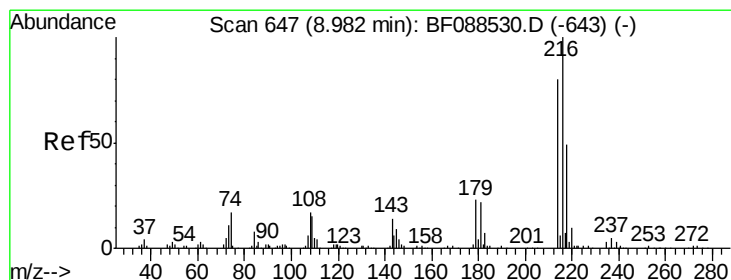
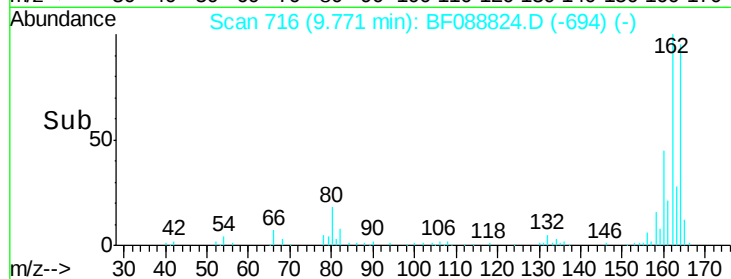
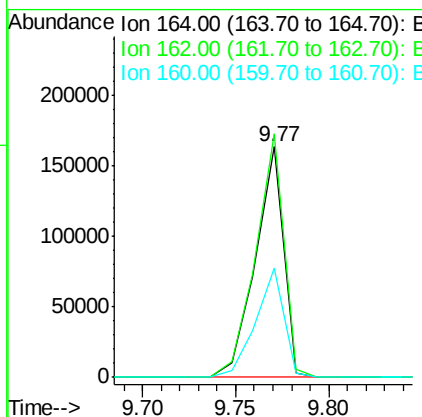
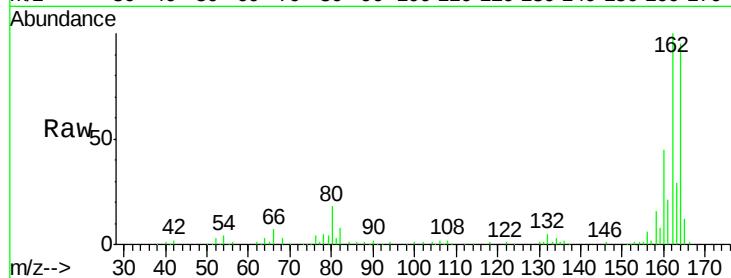




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 716
 Delta R.T. -0.05 min
 Lab File: BF088824.D
 Acq: 8 Jul 2016 14:31

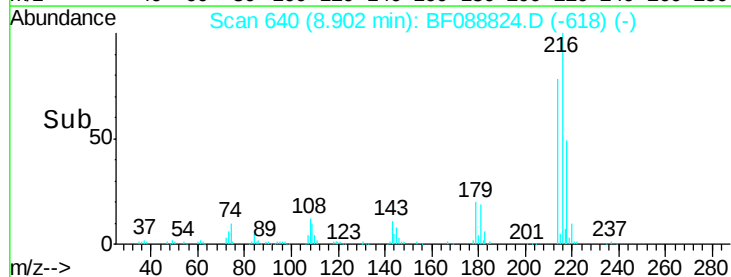
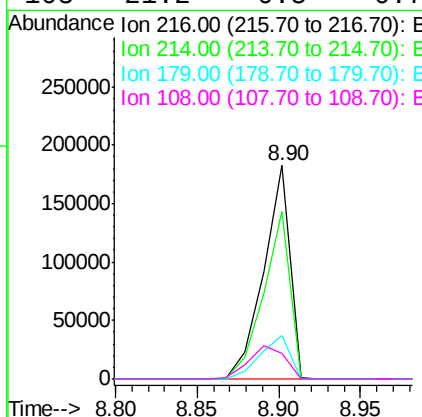
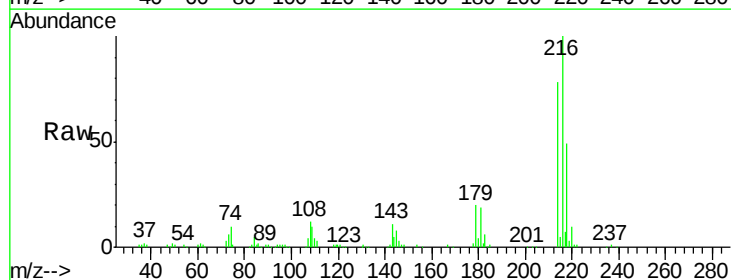
Instrument :
 BNA_F
 ClientSampleId :
 PB91874BS

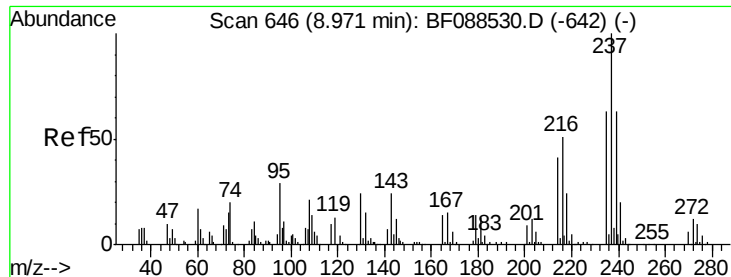
Tgt Ion:164 Resp: 170123
 Ion Ratio Lower Upper
 164 100
 162 105.7 85.4 128.2
 160 47.5 39.5 59.3



#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.17 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.05 min
 Lab File: BF088824.D
 Acq: 8 Jul 2016 14:31

Tgt Ion:216 Resp: 204670
 Ion Ratio Lower Upper
 216 100
 214 78.8 2.9 4.3#
 179 22.4 0.0 0.0#
 108 21.2 0.5 0.7#

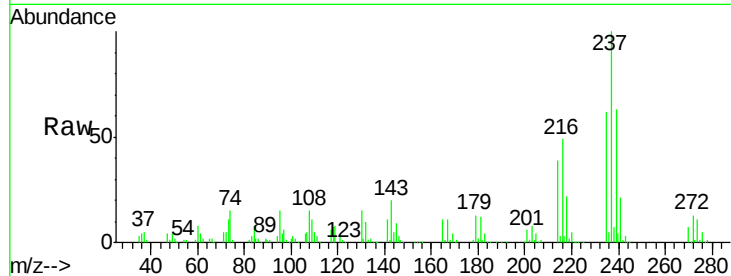




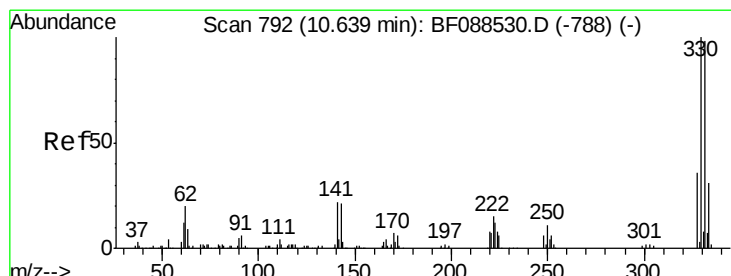
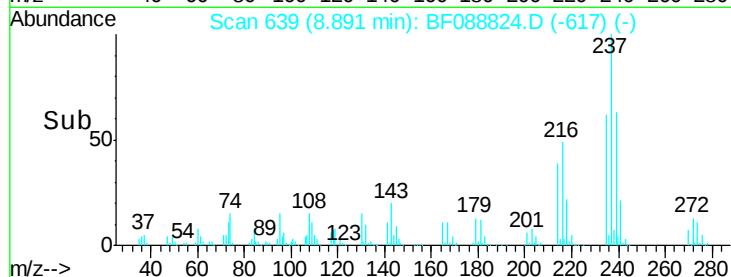
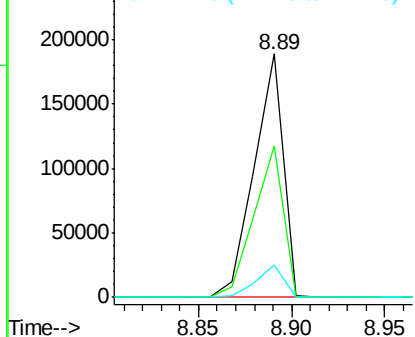
#40
Hexachlorocyclopentadiene
Concen: 73.24 ng
RT: 8.89 min Scan# 639
Delta R.T. -0.05 min
Lab File: BF088824.D
Acq: 8 Jul 2016 14:31

Instrument :
BNA_F
ClientSampleId :
PB91874BS

Tgt Ion: 237 Resp: 203406
Ion Ratio Lower Upper
237 100
235 62.4 43.4 83.4
272 13.4 0.0 32.3

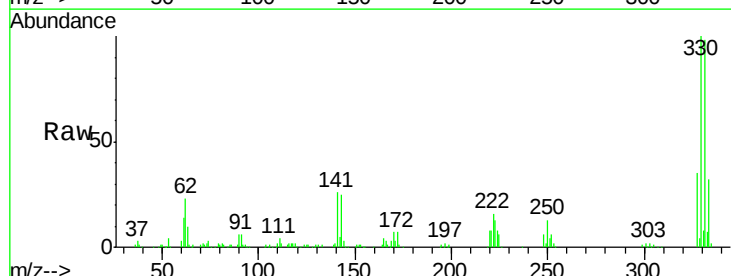


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

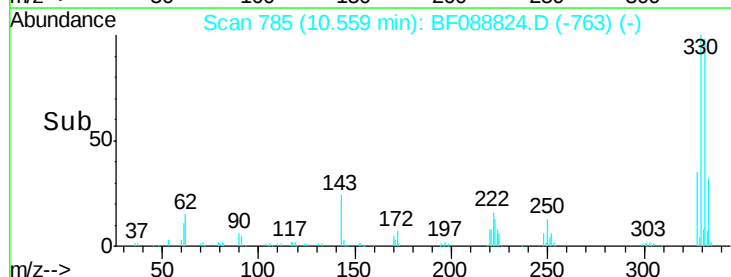
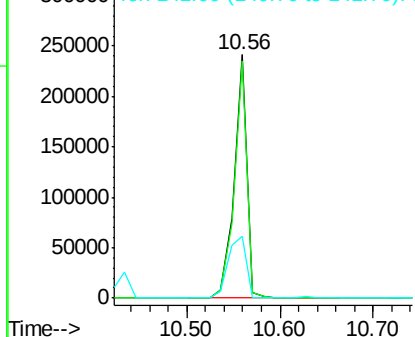


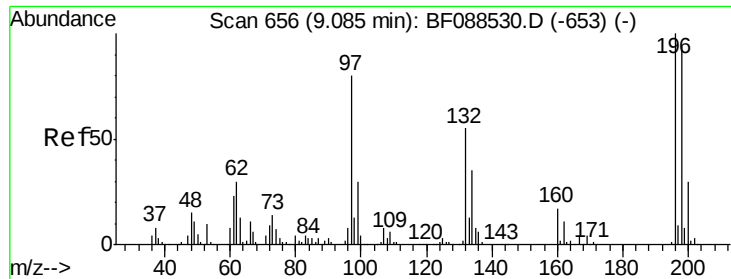
#41
2,4,6-Tribromophenol
Concen: 146.88 ng
RT: 10.56 min Scan# 785
Delta R.T. -0.05 min
Lab File: BF088824.D
Acq: 8 Jul 2016 14:31

Tgt Ion: 330 Resp: 232042
Ion Ratio Lower Upper
330 100
332 96.8 0.0 0.0#
141 36.4 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

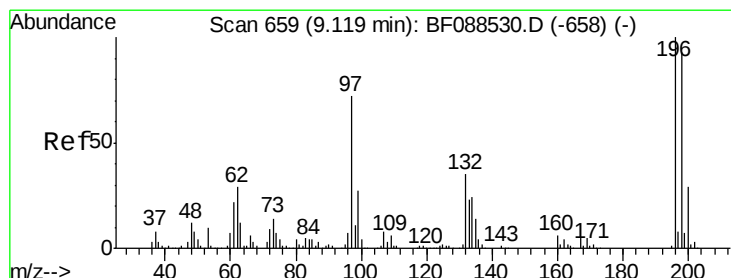
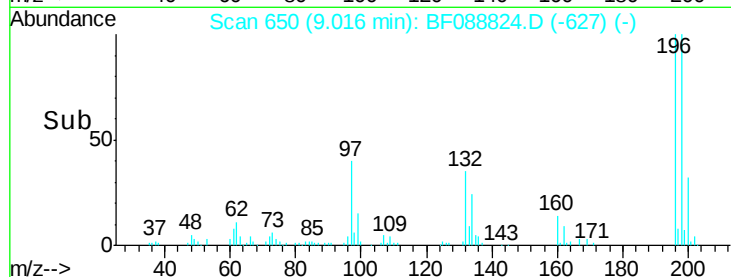
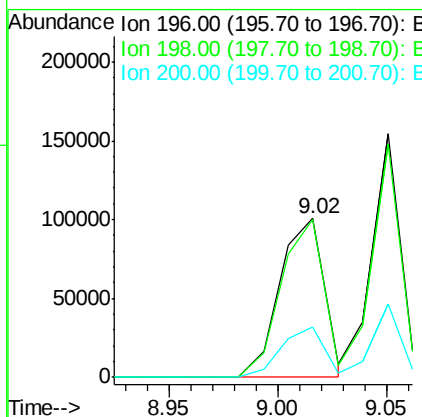
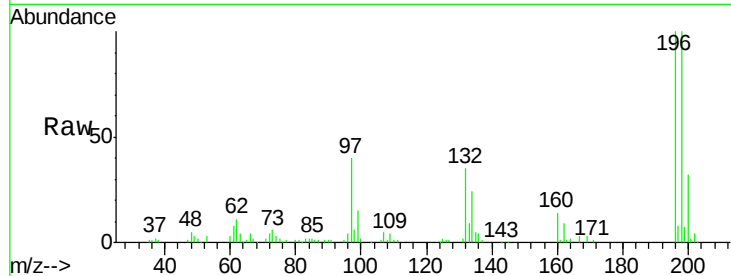




#42
 2,4,6-Trichlorophenol
 Concen: 38.53 ng
 RT: 9.02 min Scan# 650
 Delta R.T. -0.03 min
 Lab File: BF088824.D
 Acq: 8 Jul 2016 14:31

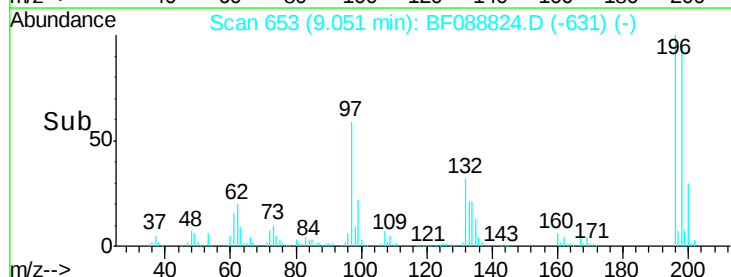
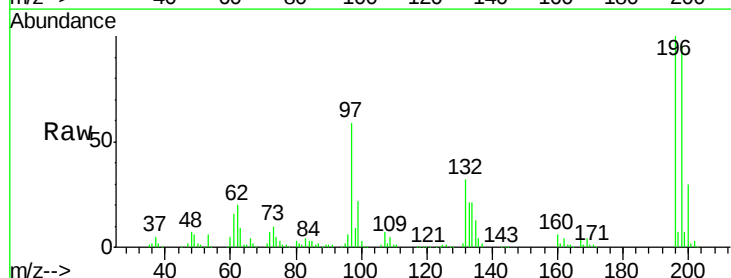
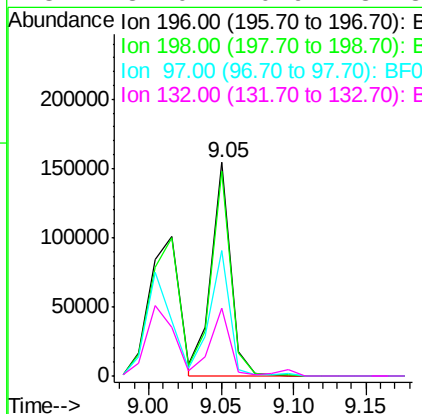
Instrument :
 BNA_F
 ClientSampleId :
 PB91874BS

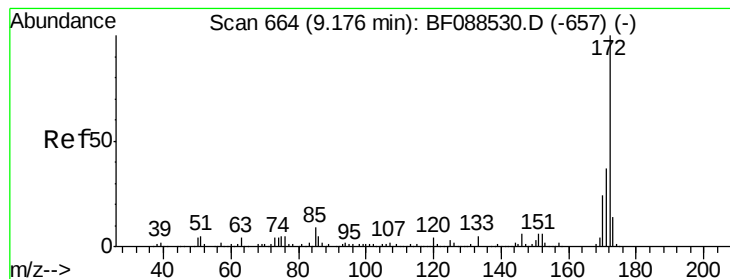
Tgt Ion:196 Resp: 143744
 Ion Ratio Lower Upper
 196 100
 198 99.7 78.0 117.0
 200 31.8 25.4 38.2



#43
 2,4,5-Trichlorophenol
 Concen: 44.83 ng
 RT: 9.05 min Scan# 653
 Delta R.T. -0.05 min
 Lab File: BF088824.D
 Acq: 8 Jul 2016 14:31

Tgt Ion:196 Resp: 143890
 Ion Ratio Lower Upper
 196 100
 198 96.1 77.5 116.3
 97 58.9 32.0 48.0#
 132 32.0 20.9 31.3#





#44

2-Fluorobiphenyl

Concen: 82.26 ng

RT: 9.10 min Scan# 657

Delta R.T. -0.05 min

Lab File: BF088824.D

Acq: 8 Jul 2016 14:31

Instrument :

BNA_F

ClientSampleId :

PB91874BS

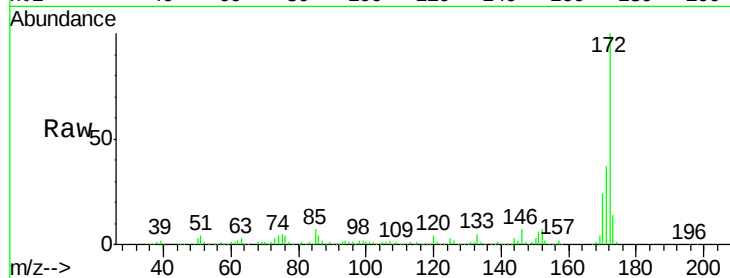
Tgt Ion:172 Resp: 885909

Ion Ratio Lower Upper

172 100

171 36.6 28.6 43.0

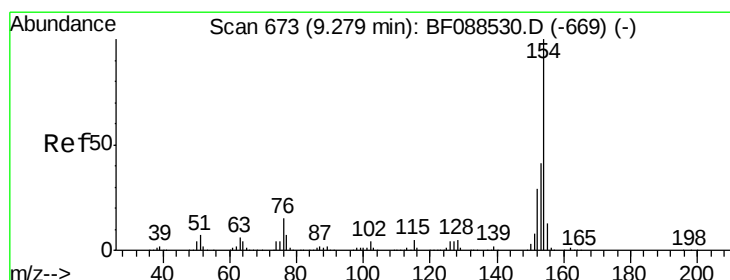
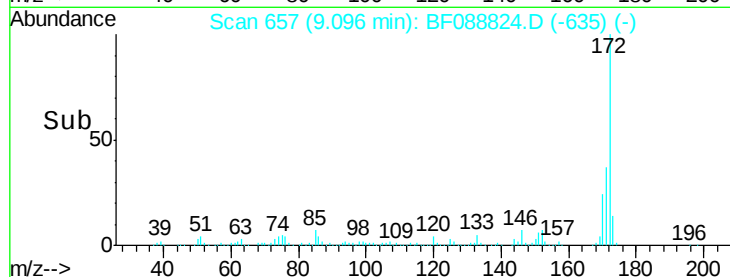
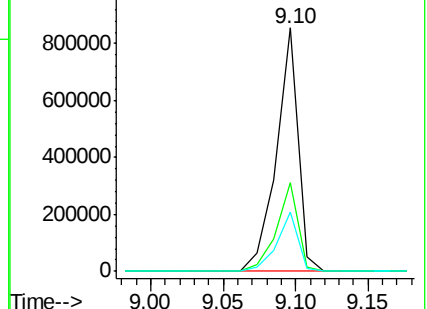
170 24.4 19.2 28.8



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: 41.86 ng

RT: 9.20 min Scan# 666

Delta R.T. -0.05 min

Lab File: BF088824.D

Acq: 8 Jul 2016 14:31

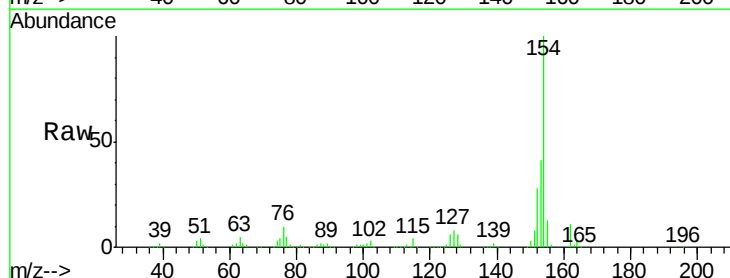
Tgt Ion:154 Resp: 589649

Ion Ratio Lower Upper

154 100

153 40.7 20.6 60.6

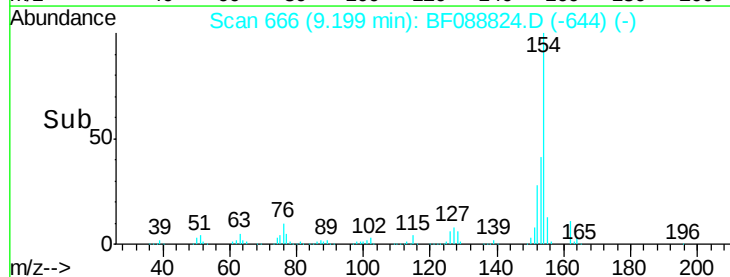
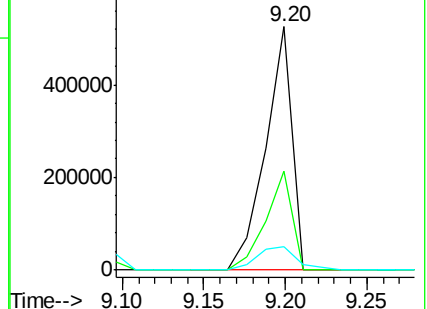
76 9.8 0.0 35.1

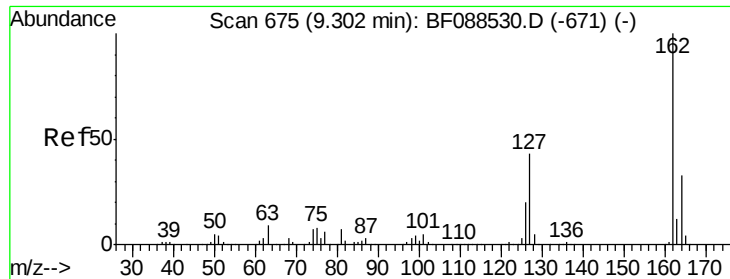


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

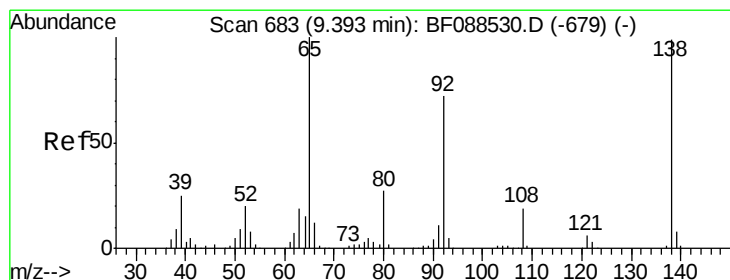
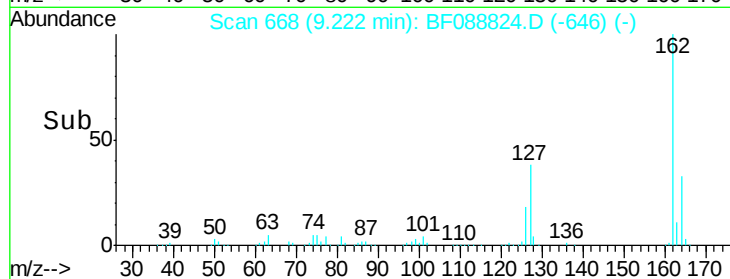
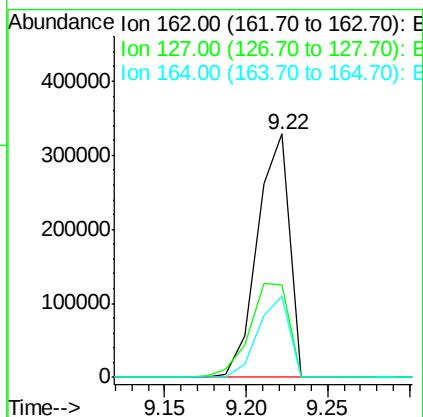
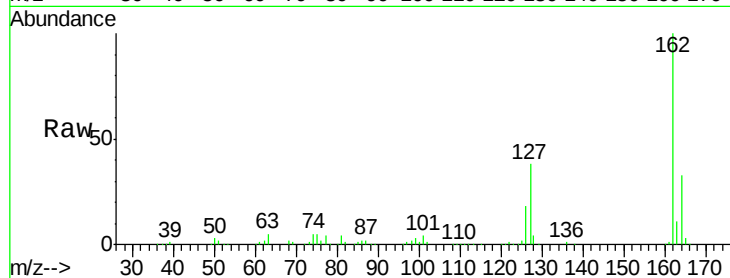




#46
 2-Chloronaphthalene
 Concen: 40.44 ng
 RT: 9.22 min Scan# 668
 Delta R.T. -0.05 min
 Lab File: BF088824.D
 Acq: 8 Jul 2016 14:31

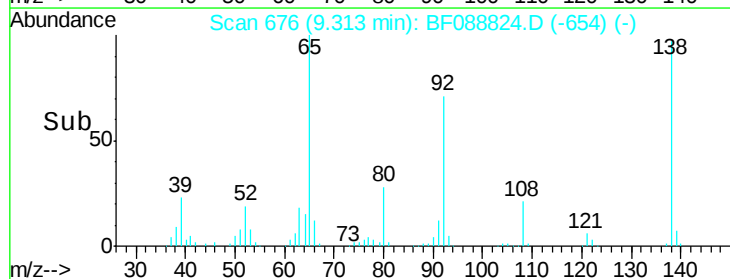
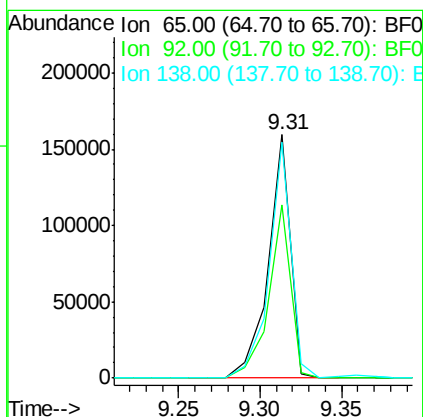
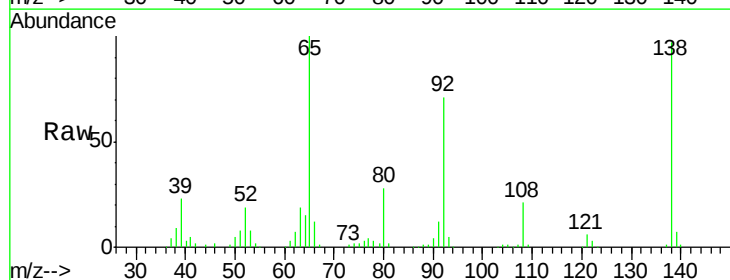
Instrument :
 BNA_F
 ClientSampleId :
 PB91874BS

Tgt Ion: 162 Resp: 447256
 Ion Ratio Lower Upper
 162 100
 127 37.8 35.2 52.8
 164 33.4 26.6 39.8



#47
 2-Nitroaniline
 Concen: 38.42 ng
 RT: 9.31 min Scan# 676
 Delta R.T. -0.05 min
 Lab File: BF088824.D
 Acq: 8 Jul 2016 14:31

Tgt Ion: 65 Resp: 150794
 Ion Ratio Lower Upper
 65 100
 92 71.2 54.6 82.0
 138 97.1 77.0 115.4





#48

Acenaphthylene

Concen: 42.81 ng

RT: 9.63 min Scan# 704

Delta R.T. -0.05 min

Lab File: BF088824.D

Acq: 8 Jul 2016 14:31

Instrument :

BNA_F

ClientSampleId :

PB91874BS

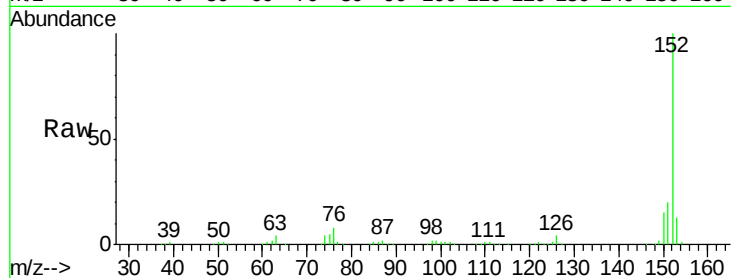
Tgt Ion:152 Resp: 753401

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.4

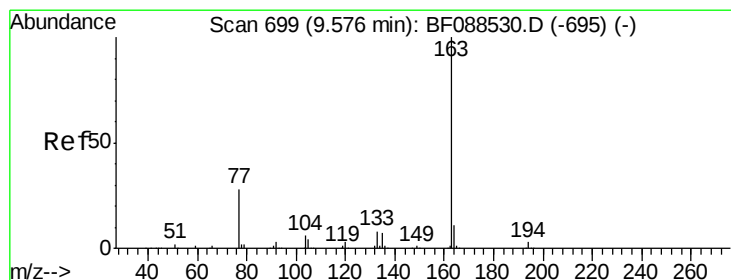
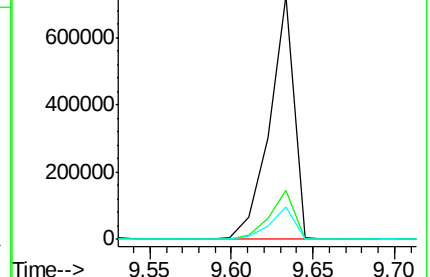
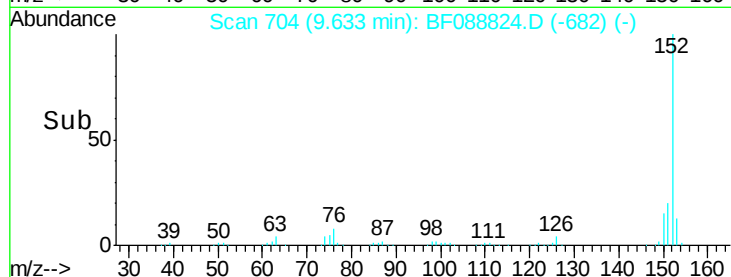
153 13.2 11.0 16.6



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: 46.32 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.03 min

Lab File: BF088824.D

Acq: 8 Jul 2016 14:31

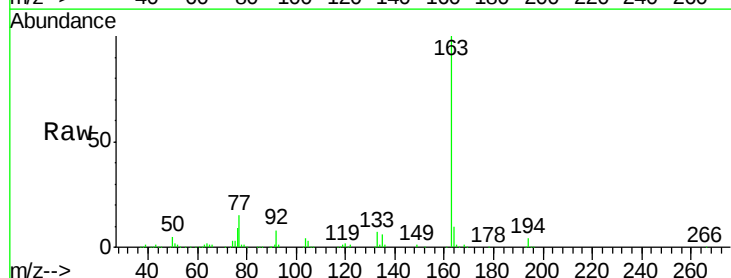
Tgt Ion:163 Resp: 561445

Ion Ratio Lower Upper

163 100

194 3.7 2.8 4.2

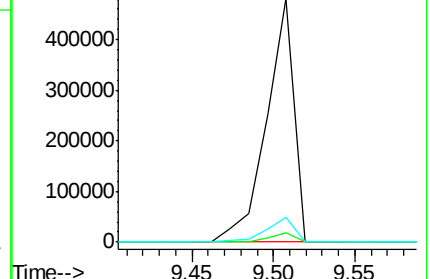
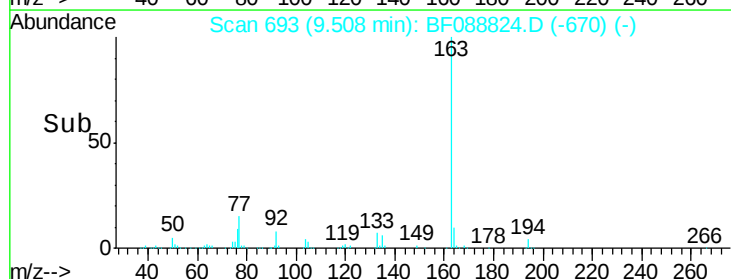
164 10.0 8.3 12.5

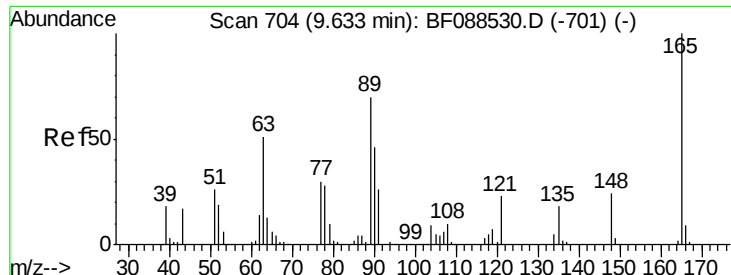


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

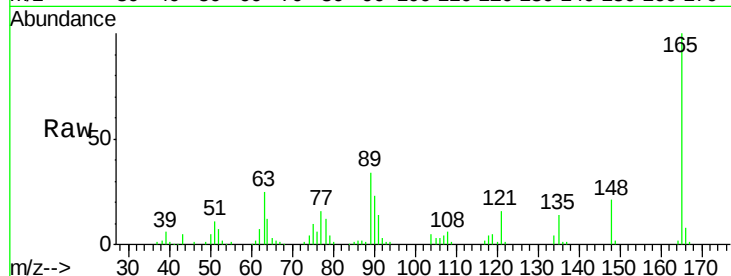




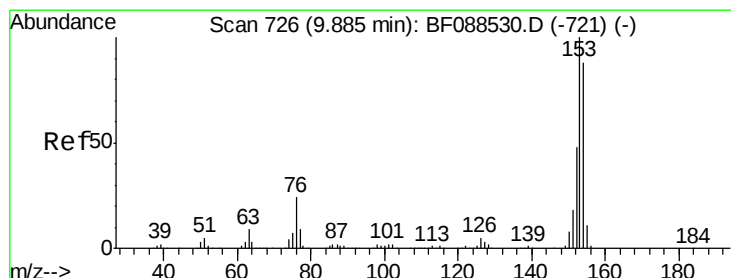
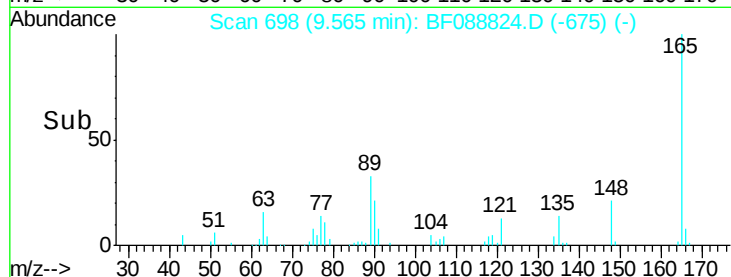
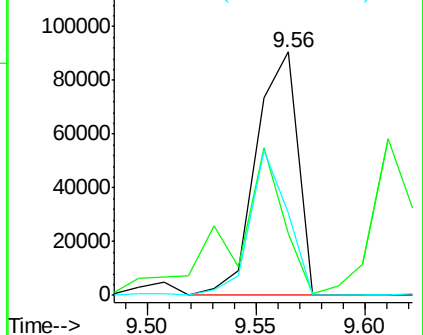
#50
2,6-Dinitrotoluene
Concen: 44.85 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.03 min
Lab File: BF088824.D
Acq: 8 Jul 2016 14:31

Instrument :
BNA_F
ClientSampleId :
PB91874BS

Tgt Ion:165 Resp: 120489
Ion Ratio Lower Upper
165 100
63 25.4 28.1 42.1#
89 33.8 32.2 48.2

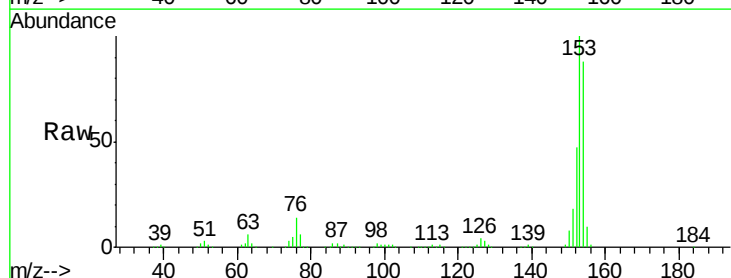


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

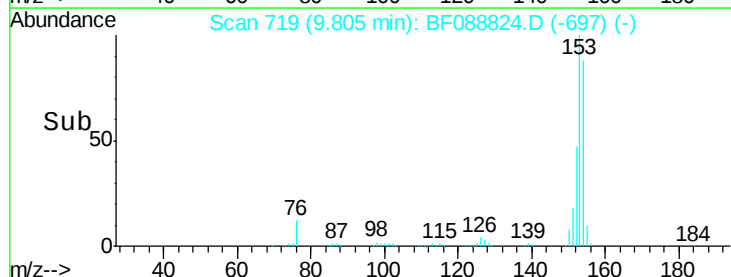
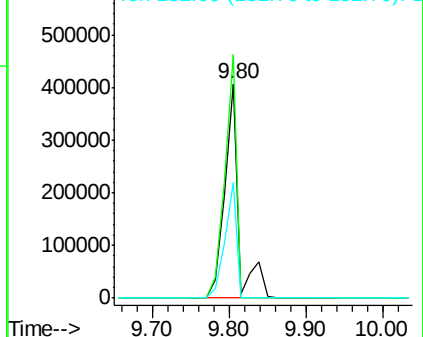


#51
Acenaphthene
Concen: 48.74 ng
RT: 9.80 min Scan# 719
Delta R.T. -0.05 min
Lab File: BF088824.D
Acq: 8 Jul 2016 14:31

Tgt Ion:154 Resp: 525724
Ion Ratio Lower Upper
154 100
153 113.4 89.5 134.3
152 53.8 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: 9.72 min Scan# 712

Delta R.T. -0.05 min

Lab File: BF088824.D

Acq: 8 Jul 2016 14:31

Instrument :

BNA_F

ClientSampleId :

PB91874BS

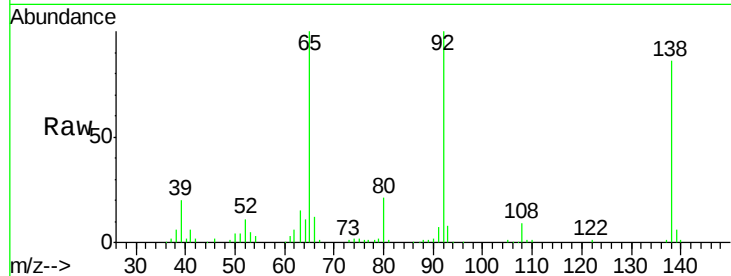
Tgt Ion:138 Resp: 91950

Ion Ratio Lower Upper

138 100

108 10.9 8.5 12.7

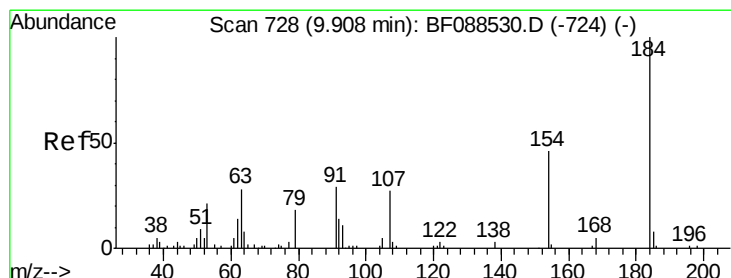
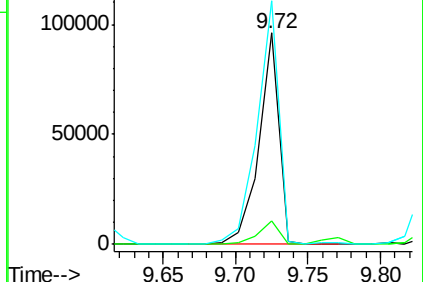
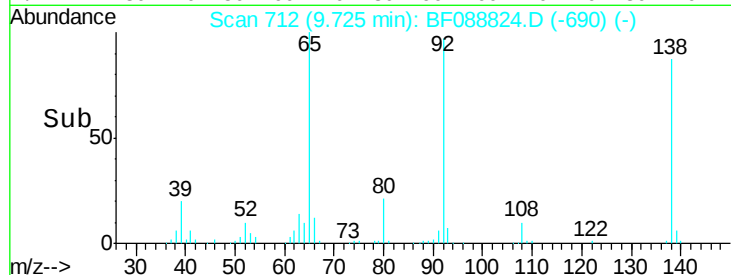
92 115.1 95.7 143.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E



#53

2,4-Dinitrophenol

Concen: 107.95 ng

RT: 9.84 min Scan# 722

Delta R.T. -0.03 min

Lab File: BF088824.D

Acq: 8 Jul 2016 14:31

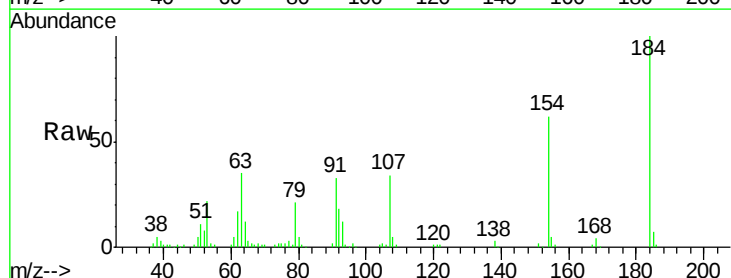
Tgt Ion:184 Resp: 128032

Ion Ratio Lower Upper

184 100

63 35.2 57.6 86.4#

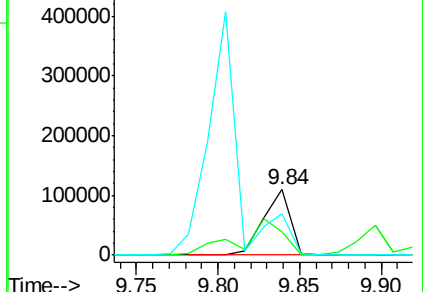
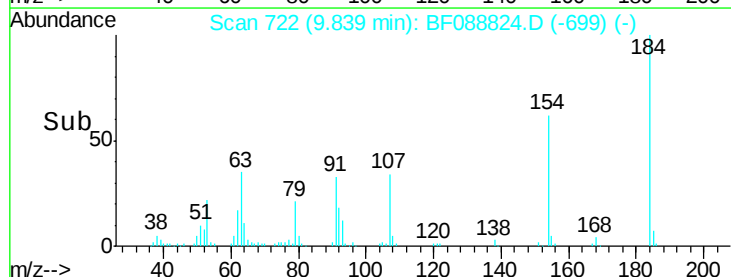
154 62.3 53.5 80.3

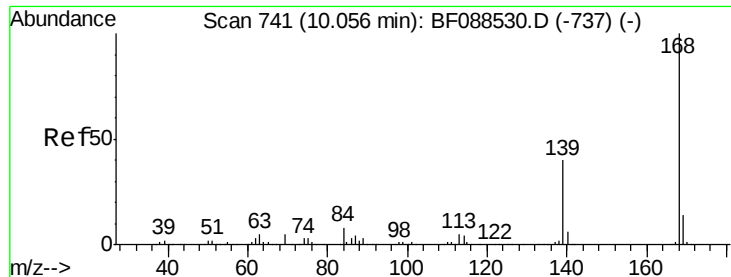


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

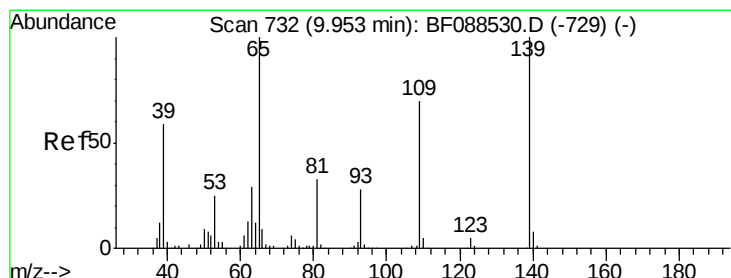
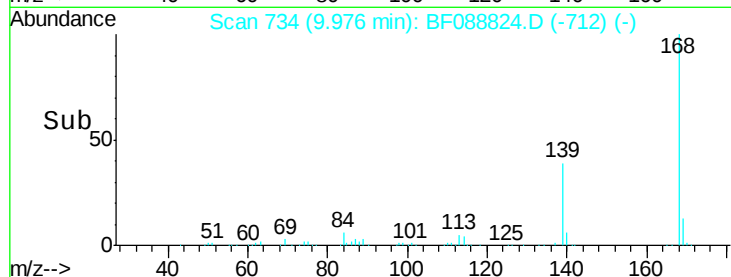
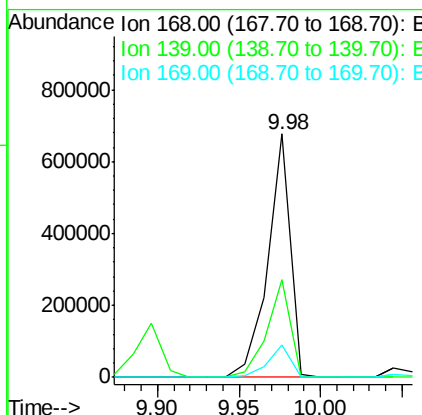
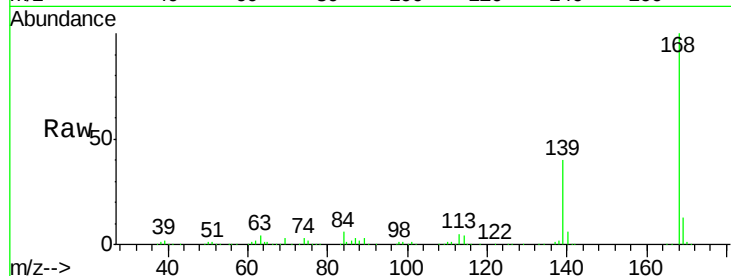




#54
Dibenzofuran
Concen: 46.08 ng
RT: 9.98 min Scan# 734
Delta R.T. -0.05 min
Lab File: BF088824.D
Acq: 8 Jul 2016 14:31

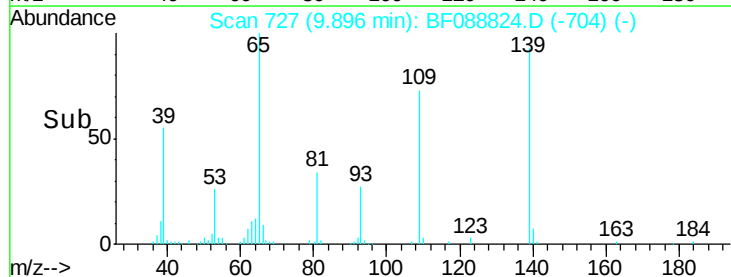
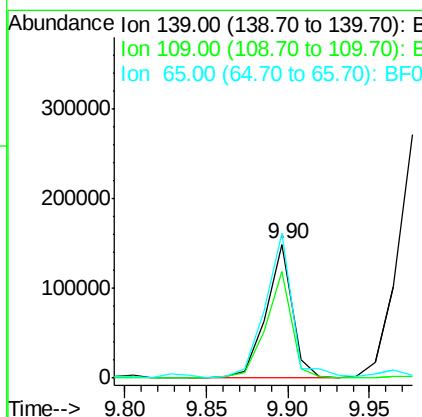
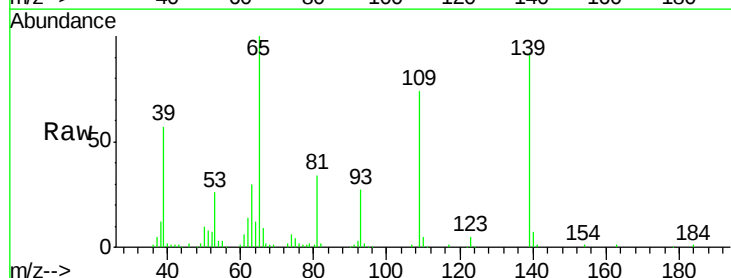
Instrument :
BNA_F
ClientSampleId :
PB91874BS

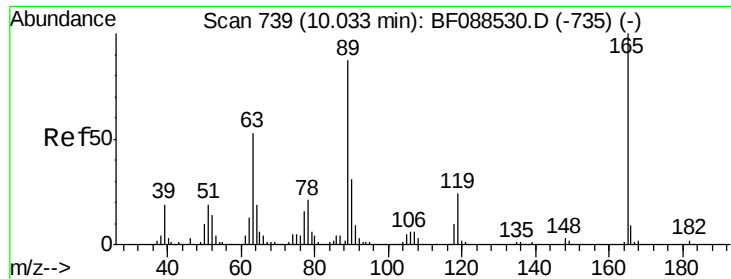
Tgt Ion:168 Resp: 650526
Ion Ratio Lower Upper
168 100
139 40.1 26.4 39.6#
169 13.4 10.4 15.6



#55
4-Nitrophenol
Concen: 64.32 ng
RT: 9.90 min Scan# 727
Delta R.T. -0.03 min
Lab File: BF088824.D
Acq: 8 Jul 2016 14:31

Tgt Ion:139 Resp: 166906
Ion Ratio Lower Upper
139 100
109 80.2 48.9 88.9
65 108.3 84.9 124.9





#56

2,4-Dinitrotoluene

Concen: 49.56 ng

RT: 9.96 min Scan# 733

Delta R.T. -0.03 min

Lab File: BF088824.D

Acq: 8 Jul 2016 14:31

Instrument :

BNA_F

ClientSampleId :

PB91874BS

Tgt Ion:165 Resp: 174057

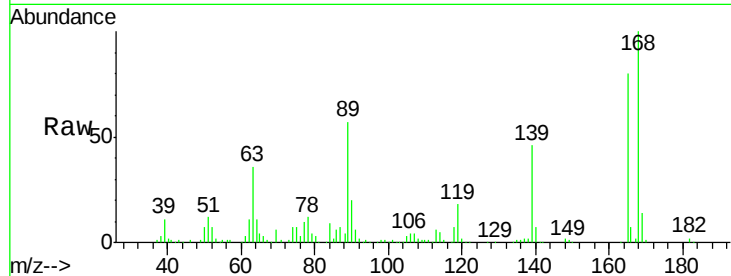
Ion Ratio Lower Upper

165 100

63 44.7 22.0 33.0#

89 71.1 41.1 61.7#

182 2.5 2.0 3.0

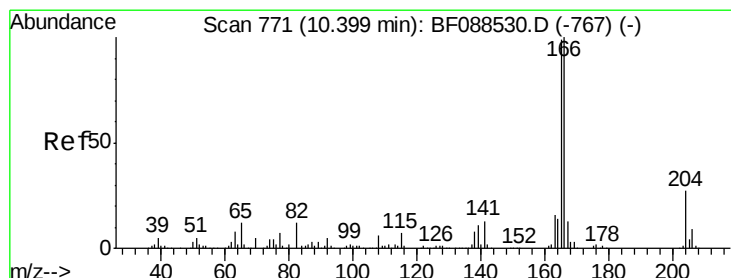
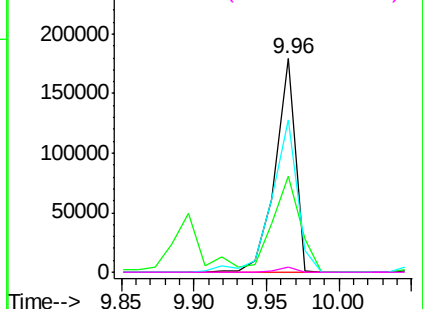
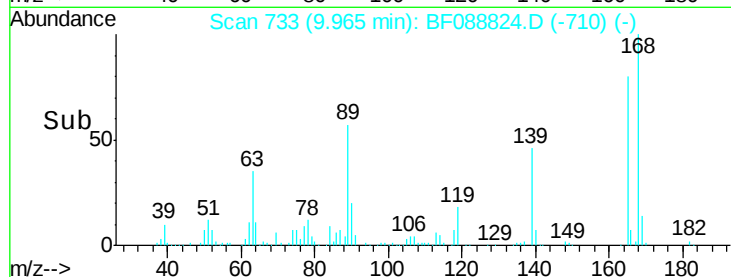


Abundance Ion 165.00 (164.70 to 165.70): E

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: 46.41 ng

RT: 10.32 min Scan# 764

Delta R.T. -0.05 min

Lab File: BF088824.D

Acq: 8 Jul 2016 14:31

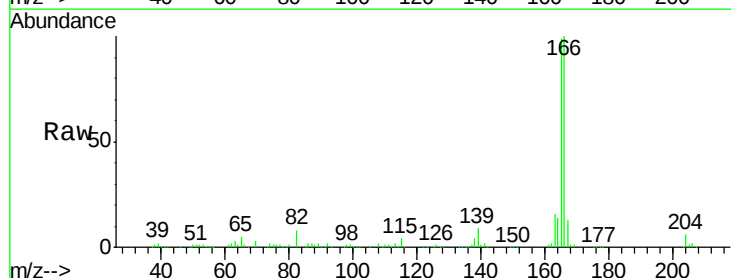
Tgt Ion:166 Resp: 504902

Ion Ratio Lower Upper

166 100

165 99.4 77.8 116.8

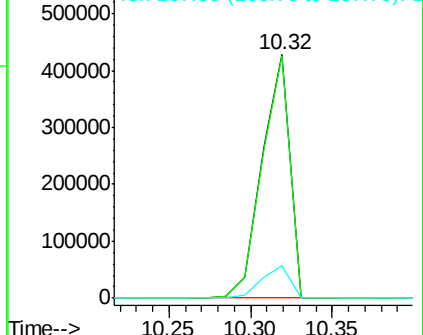
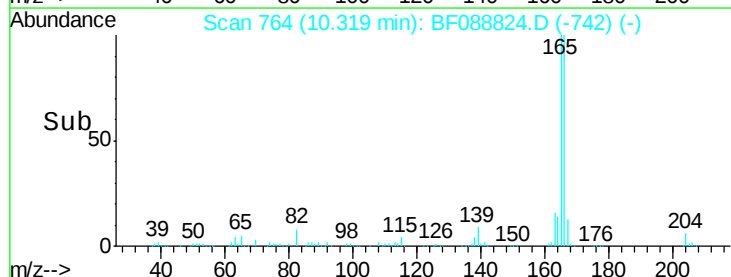
167 13.1 11.2 16.8



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

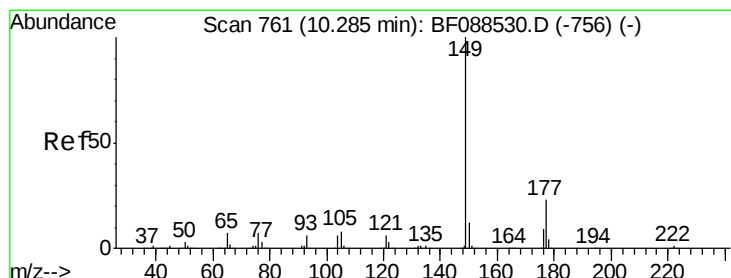
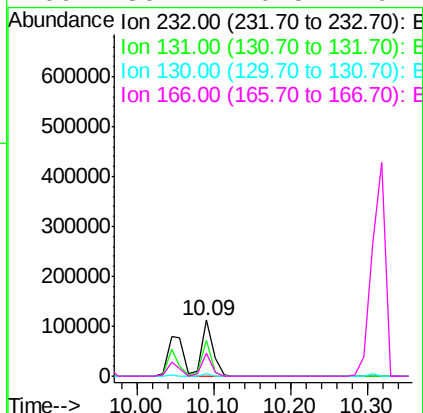
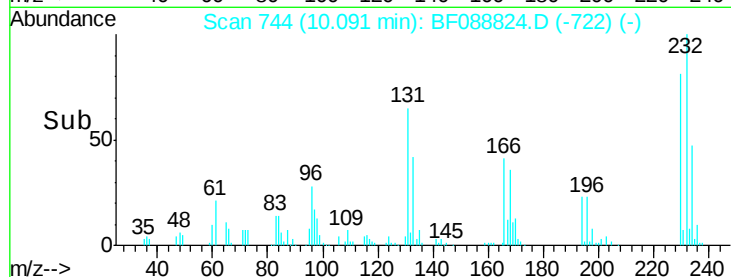
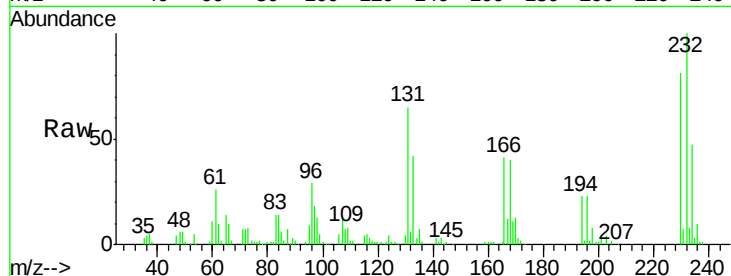




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.83 ng
 RT: 10.09 min Scan# 744
 Delta R.T. -0.05 min
 Lab File: BF088824.D
 Acq: 8 Jul 2016 14:31

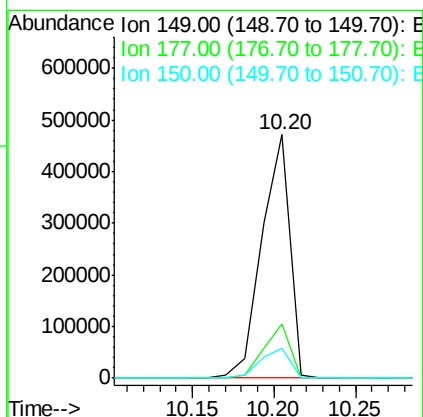
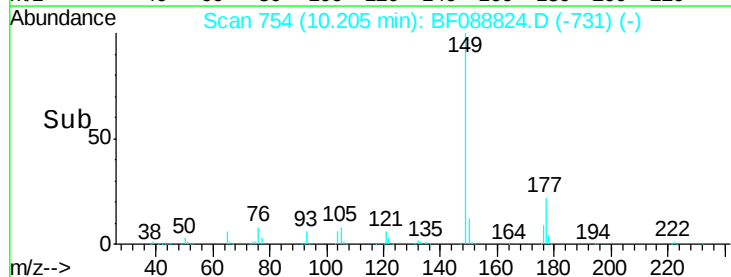
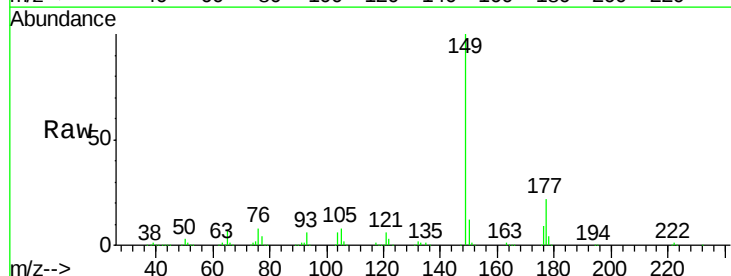
Instrument :
 BNA_F
 ClientSampleId :
 PB91874BS

Tgt Ion: 232 Resp: 113812
 Ion Ratio Lower Upper
 232 100
 131 55.7 0.9 1.3#
 130 3.0 1.5 2.3#
 166 36.1 0.5 0.7#



#59
 Diethylphthalate
 Concen: 46.33 ng
 RT: 10.20 min Scan# 754
 Delta R.T. -0.03 min
 Lab File: BF088824.D
 Acq: 8 Jul 2016 14:31

Tgt Ion: 149 Resp: 563506
 Ion Ratio Lower Upper
 149 100
 177 22.0 16.9 25.3
 150 12.3 10.1 15.1

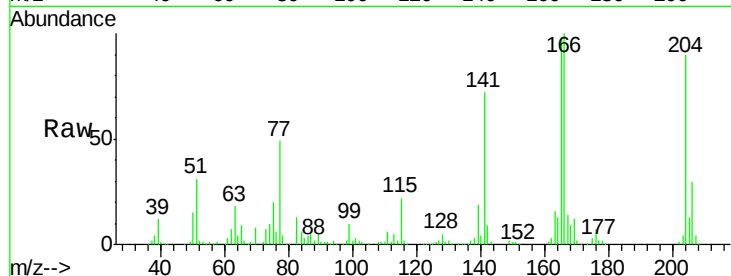




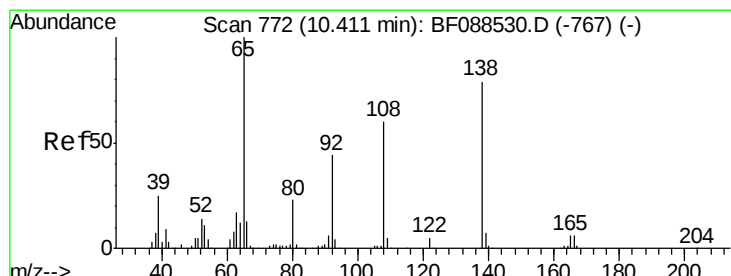
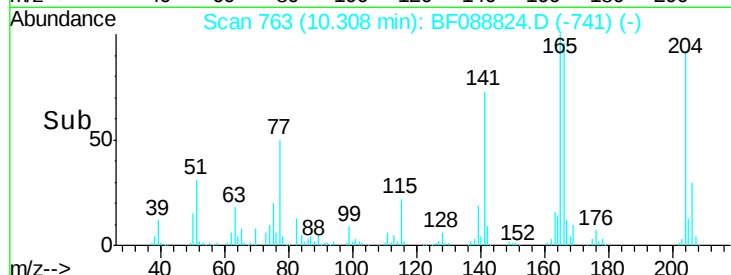
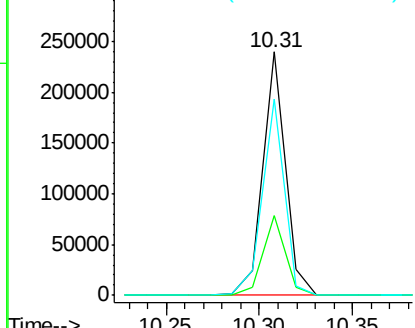
#60
 4-Chlorophenyl-phenylether
 Concen: 39.58 ng
 RT: 10.31 min Scan# 763
 Delta R.T. -0.05 min
 Lab File: BF088824.D
 Acq: 8 Jul 2016 14:31

Instrument :
 BNA_F
 ClientSampleId :
 PB91874BS

Tgt Ion: 204 Resp: 200062
 Ion Ratio Lower Upper
 204 100
 206 32.9 26.3 39.5
 141 80.4 55.0 82.6

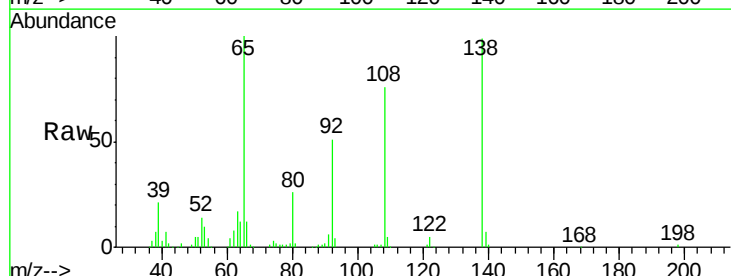


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

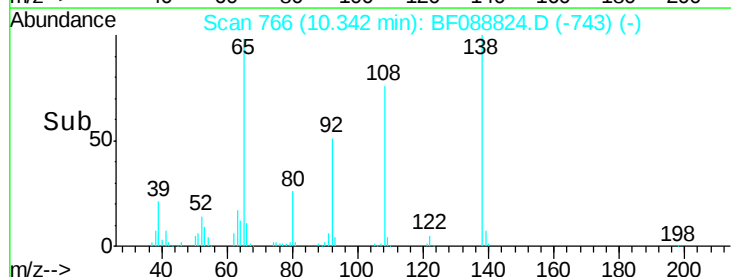
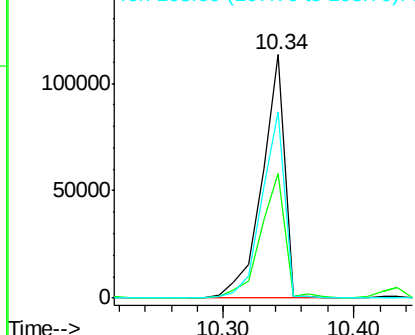


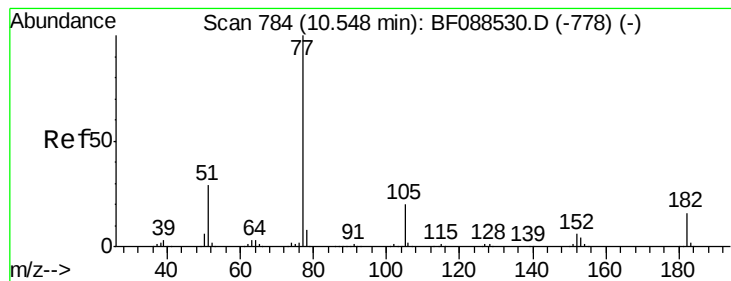
#61
 4-Nitroaniline
 Concen: 41.67 ng
 RT: 10.34 min Scan# 766
 Delta R.T. -0.03 min
 Lab File: BF088824.D
 Acq: 8 Jul 2016 14:31

Tgt Ion: 138 Resp: 136943
 Ion Ratio Lower Upper
 138 100
 92 51.0 27.3 67.3
 108 76.5 46.7 86.7



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





#62

Azobenzene

Concen: 42.69 ng

RT: 10.47 min Scan# 777

Delta R.T. -0.05 min

Lab File: BF088824.D

Acq: 8 Jul 2016 14:31

Instrument :

BNA_F

ClientSampleId :

PB91874BS

Tgt Ion: 77 Resp: 592362

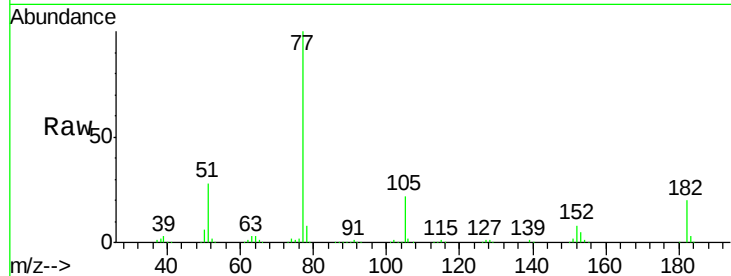
Ion Ratio Lower Upper

77 100

182 20.1 4.4 44.4

105 21.8 3.8 43.8

51 28.0 9.3 49.3

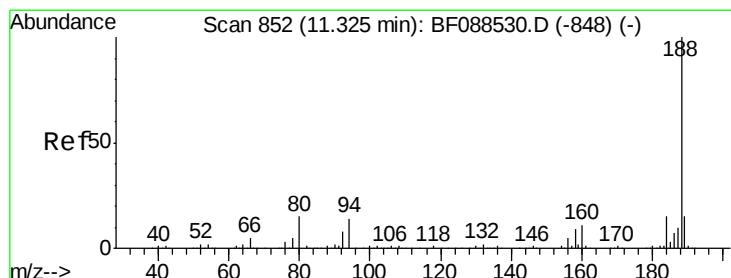
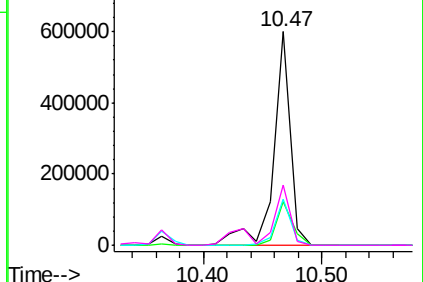
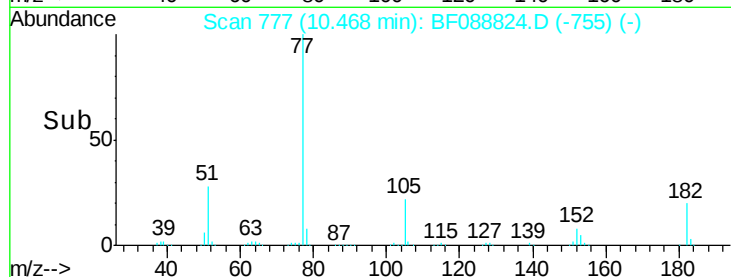


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.25 min Scan# 845

Delta R.T. -0.05 min

Lab File: BF088824.D

Acq: 8 Jul 2016 14:31

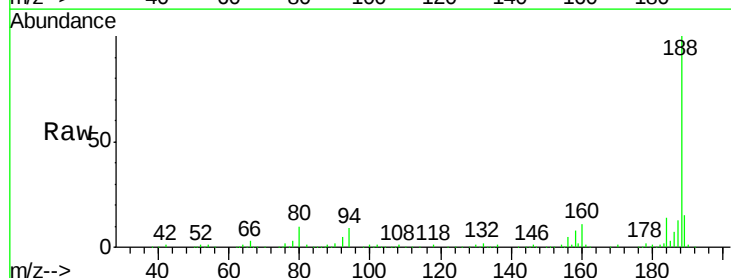
Tgt Ion: 188 Resp: 327447

Ion Ratio Lower Upper

188 100

94 8.6 9.0 13.6#

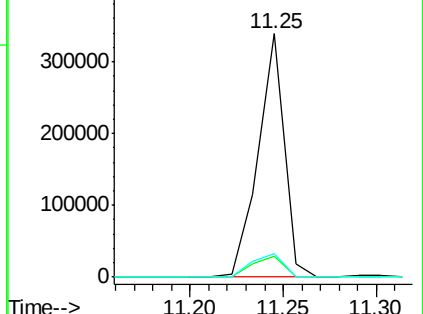
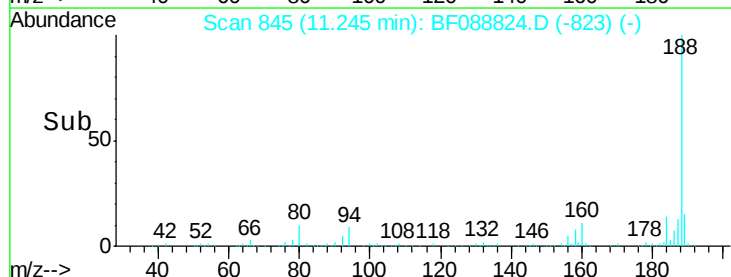
80 9.6 10.0 15.0#

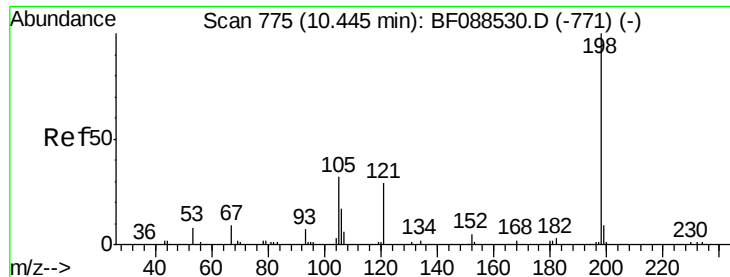


Abundance Ion 188.00 (187.70 to 188.70): E

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: 42.07 ng

RT: 10.36 min Scan# 768

Delta R.T. -0.05 min

Lab File: BF088824.D

Acq: 8 Jul 2016 14:31

Instrument :

BNA_F

ClientSampleId :

PB91874BS

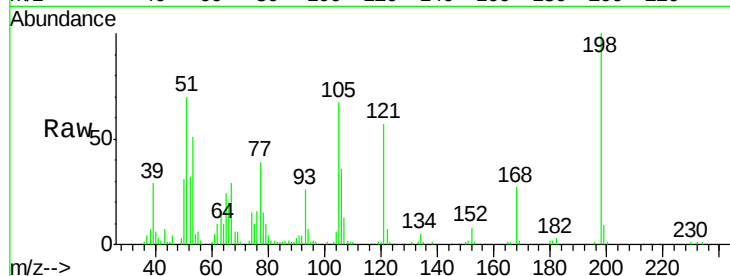
Tgt Ion:198 Resp: 73683

Ion Ratio Lower Upper

198 100

51 70.3 39.6 79.6

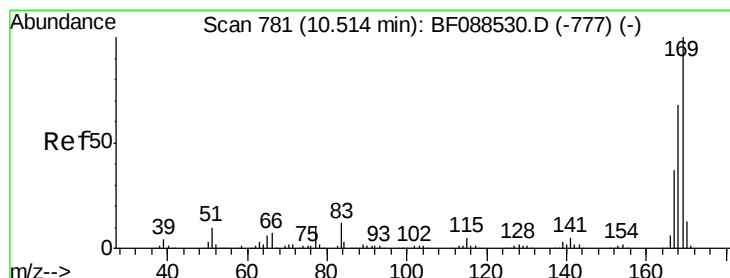
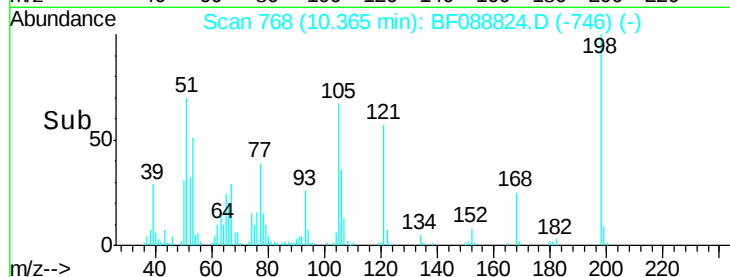
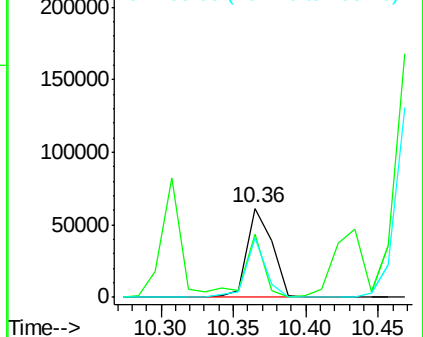
105 66.8 36.6 76.6



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: 42.58 ng

RT: 10.43 min Scan# 774

Delta R.T. -0.05 min

Lab File: BF088824.D

Acq: 8 Jul 2016 14:31

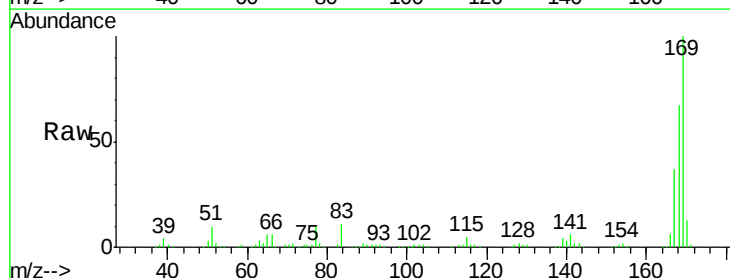
Tgt Ion:169 Resp: 471877

Ion Ratio Lower Upper

169 100

168 67.5 53.4 80.0

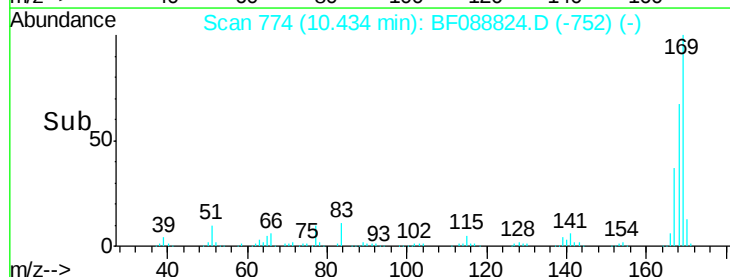
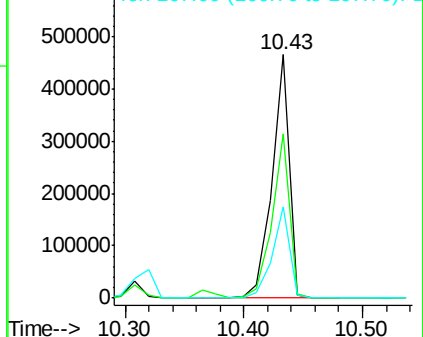
167 37.3 29.4 44.0



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

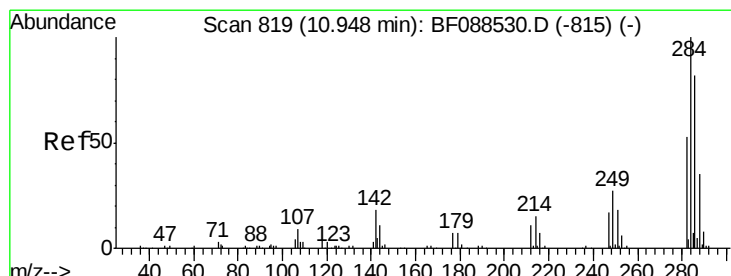
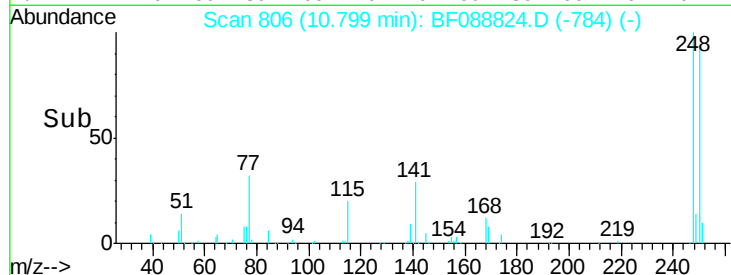
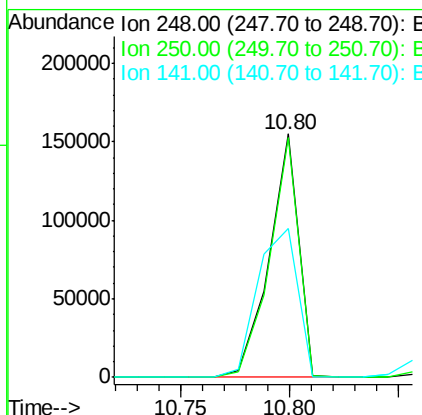
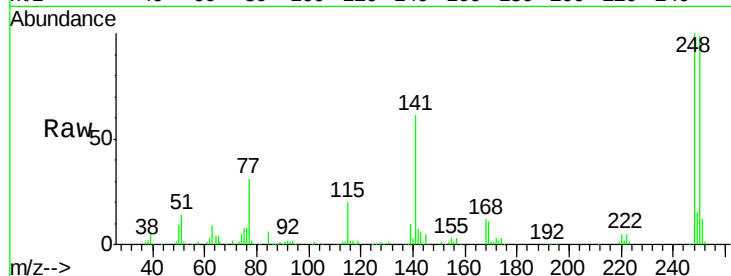




#66
 4-Bromophenyl-phenylether
 Concen: 44.66 ng
 RT: 10.80 min Scan# 806
 Delta R.T. -0.05 min
 Lab File: BF088824.D
 Acq: 8 Jul 2016 14:31

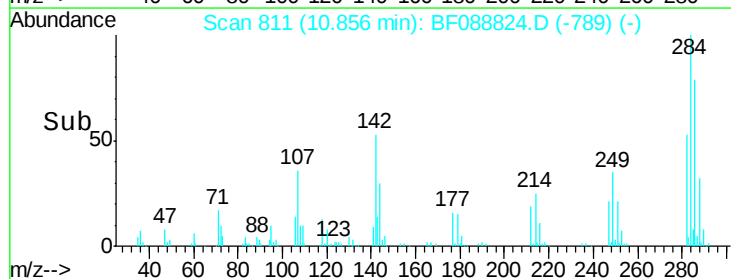
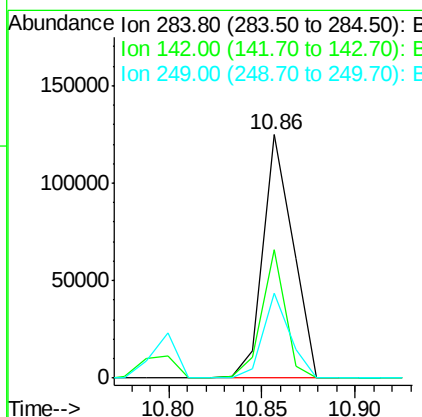
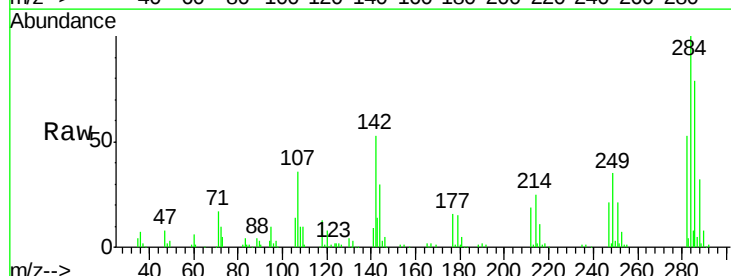
Instrument :
 BNA_F
 ClientSampleId :
 PB91874BS

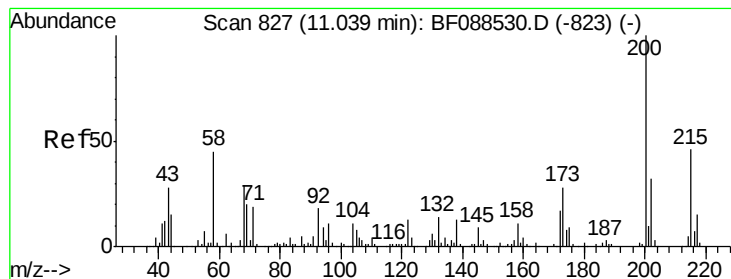
Tgt Ion: 248 Resp: 147355
 Ion Ratio Lower Upper
 248 100
 250 98.6 77.1 115.7
 141 61.1 50.6 76.0



#67
 Hexachlorobenzene
 Concen: 37.83 ng
 RT: 10.86 min Scan# 811
 Delta R.T. -0.05 min
 Lab File: BF088824.D
 Acq: 8 Jul 2016 14:31

Tgt Ion: 284 Resp: 138171
 Ion Ratio Lower Upper
 284 100
 142 52.9 35.8 53.8
 249 34.8 25.8 38.6





#68

Atrazine

Concen: 36.33 ng

RT: 10.96 min Scan# 820

Delta R.T. -0.05 min

Lab File: BF088824.D

Acq: 8 Jul 2016 14:31

Instrument :

BNA_F

ClientSampleId :

PB91874BS

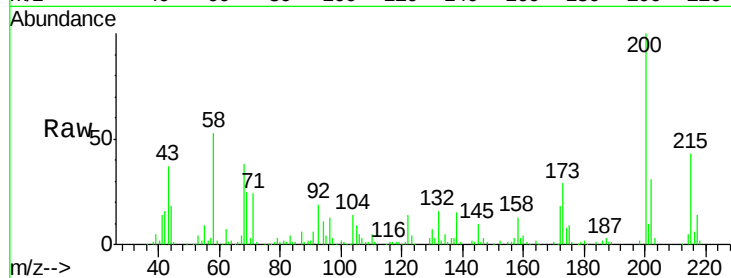
Tgt Ion:200 Resp: 125455

Ion Ratio Lower Upper

200 100

173 28.7 4.0 44.0

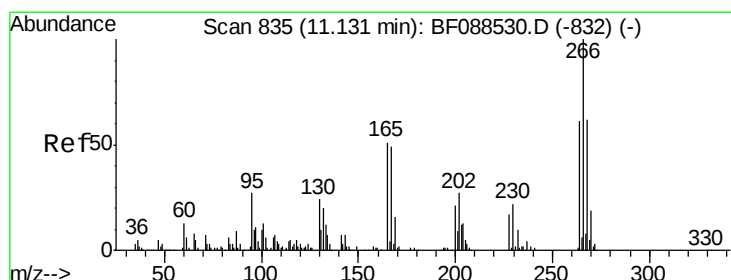
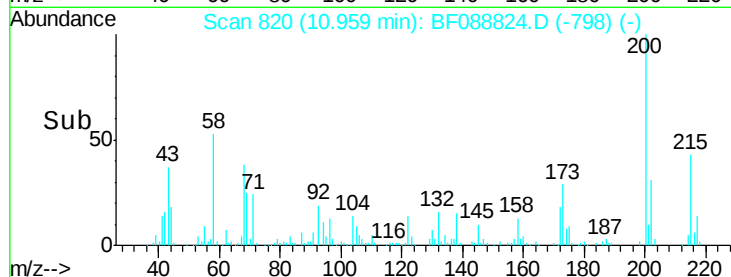
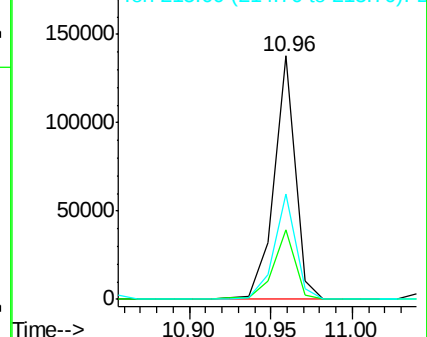
215 43.5 29.3 69.3



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: 71.10 ng

RT: 11.05 min Scan# 828

Delta R.T. -0.05 min

Lab File: BF088824.D

Acq: 8 Jul 2016 14:31

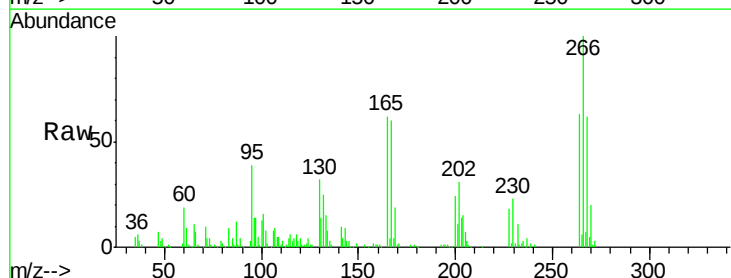
Tgt Ion:266 Resp: 153698

Ion Ratio Lower Upper

266 100

268 62.0 52.8 79.2

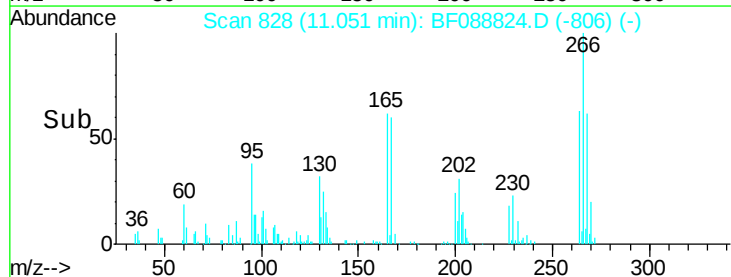
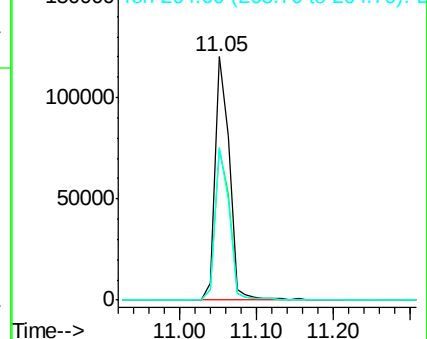
264 62.8 49.6 74.4

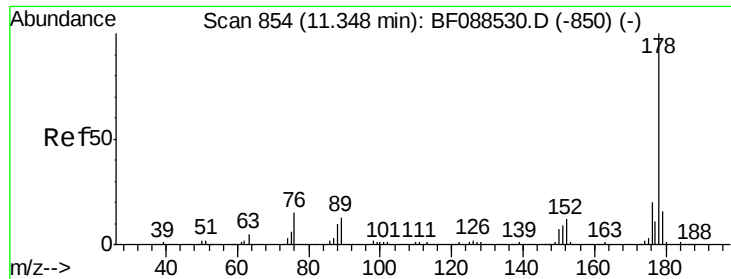


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

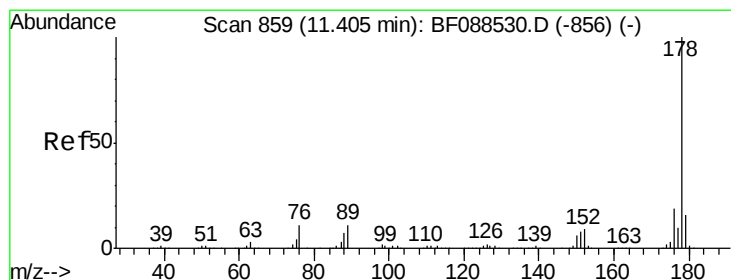
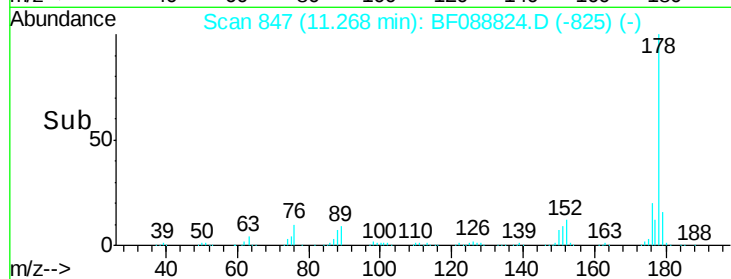
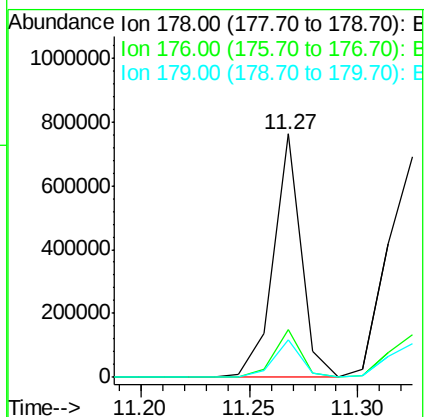
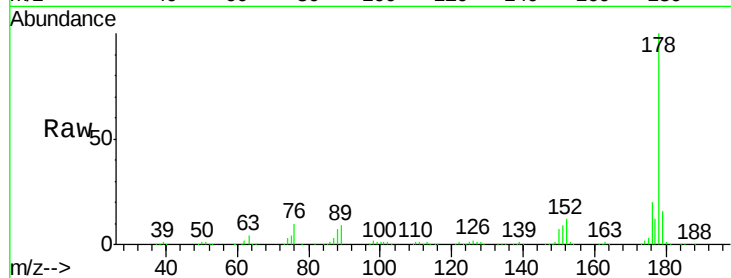




#70
Phenanthrene
Concen: 38.11 ng
RT: 11.27 min Scan# 847
Delta R.T. -0.05 min
Lab File: BF088824.D
Acq: 8 Jul 2016 14:31

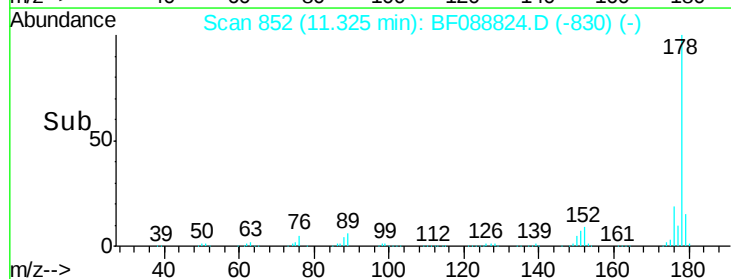
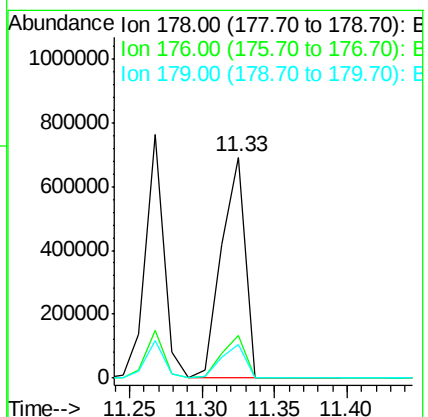
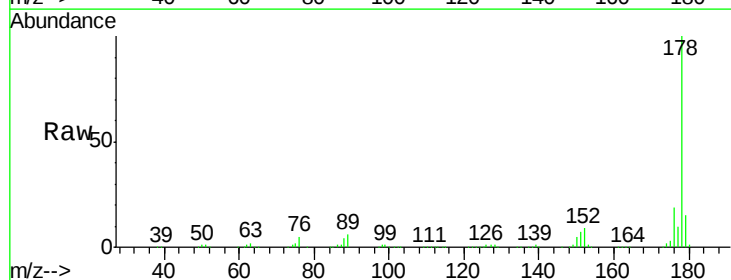
Instrument :
BNA_F
ClientSampleId :
PB91874BS

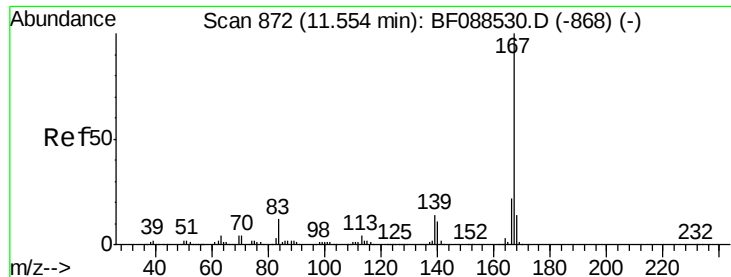
Tgt Ion:178 Resp: 682185
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 15.6 13.0 19.4



#71
Anthracene
Concen: 43.76 ng
RT: 11.33 min Scan# 852
Delta R.T. -0.05 min
Lab File: BF088824.D
Acq: 8 Jul 2016 14:31

Tgt Ion:178 Resp: 778906
Ion Ratio Lower Upper
178 100
176 19.1 15.6 23.4
179 15.4 12.8 19.2





#72

Carbazole

Concen: 36.55 ng

RT: 11.47 min Scan# 865

Delta R.T. -0.05 min

Lab File: BF088824.D

Acq: 8 Jul 2016 14:31

Instrument :

BNA_F

ClientSampleId :

PB91874BS

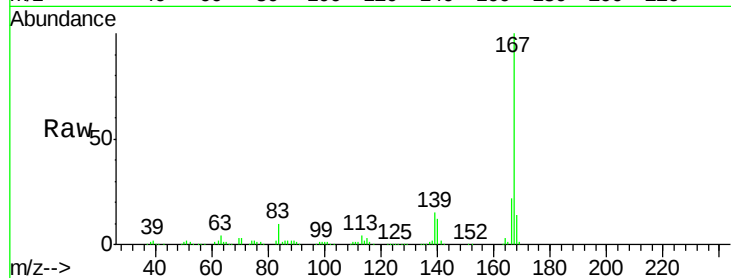
Tgt Ion:167 Resp: 612215

Ion Ratio Lower Upper

167 100

166 22.1 17.8 26.6

139 15.0 11.2 16.8

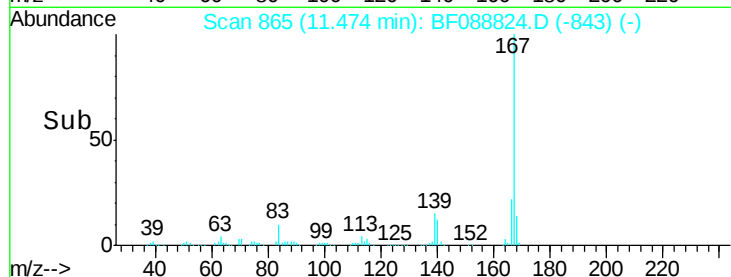


Abundance Ion 167.00 (166.70 to 167.70): E

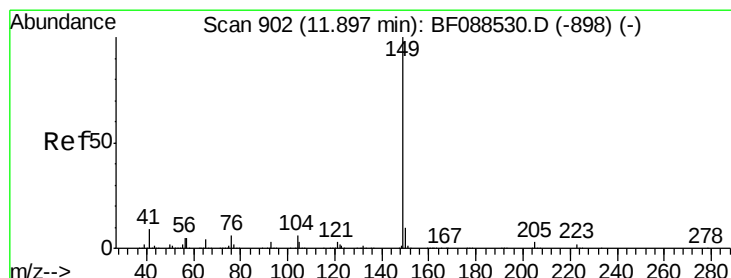
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

Time-->



Time-->



#73

Di-n-butylphthalate

Concen: 44.29 ng

RT: 11.82 min Scan# 895

Delta R.T. -0.05 min

Lab File: BF088824.D

Acq: 8 Jul 2016 14:31

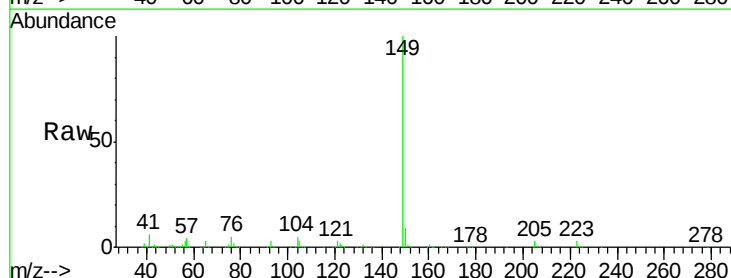
Tgt Ion:149 Resp: 862984

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

104 5.5 4.0 6.0

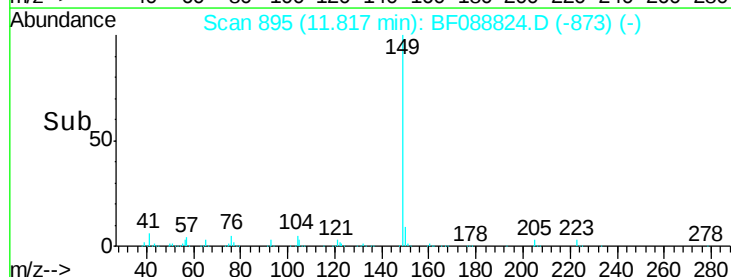


Abundance Ion 149.00 (148.70 to 149.70): E

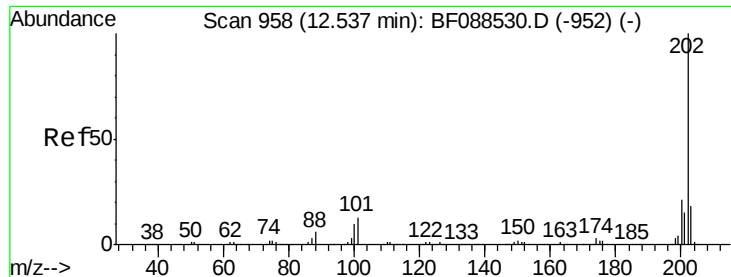
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

Time-->



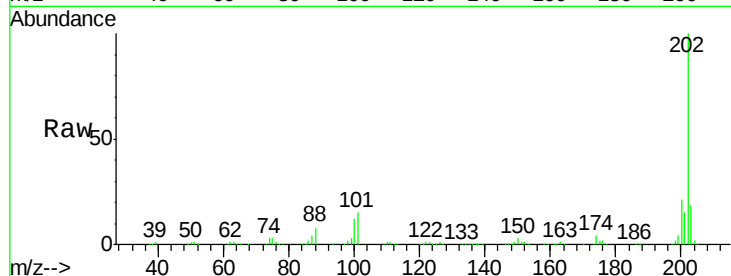
Time-->



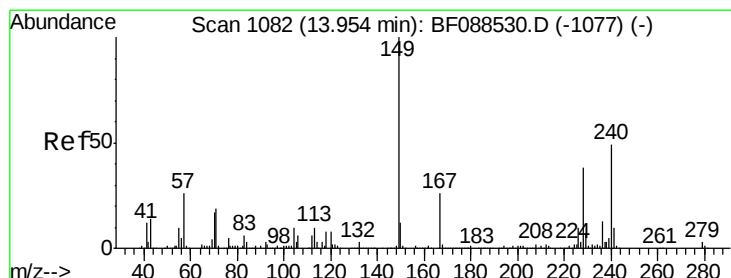
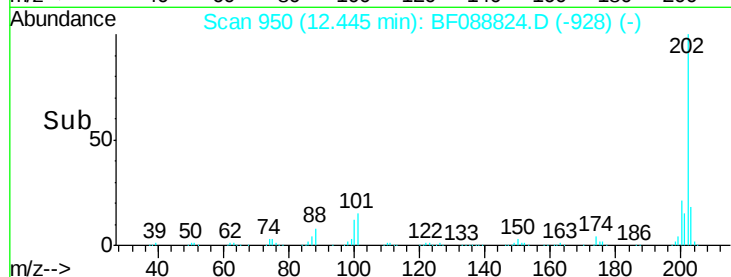
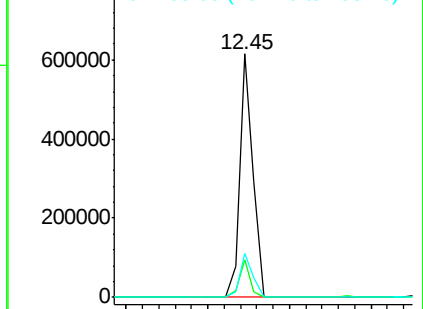
#74
Fluoranthene
 Concen: 37.56 ng
 RT: 12.45 min Scan# 950
 Delta R.T. -0.05 min
 Lab File: BF088824.D
 Acq: 8 Jul 2016 14:31

Instrument :
 BNA_F
 ClientSampleId :
 PB91874BS

Tgt Ion: 202 Resp: 681638
 Ion Ratio Lower Upper
 202 100
 101 15.4 0.0 33.1
 203 18.2 0.0 38.1

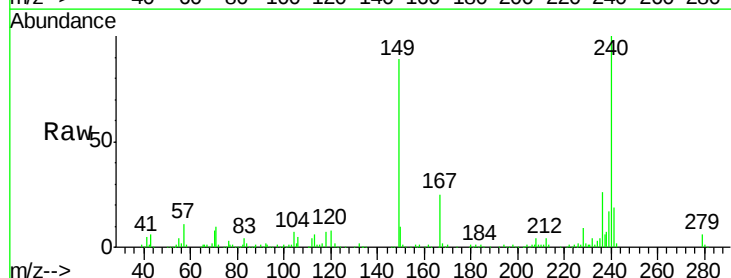


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

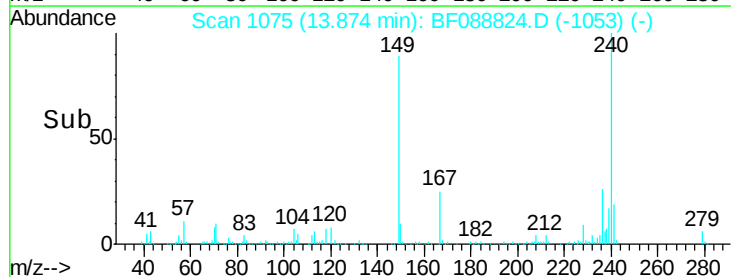
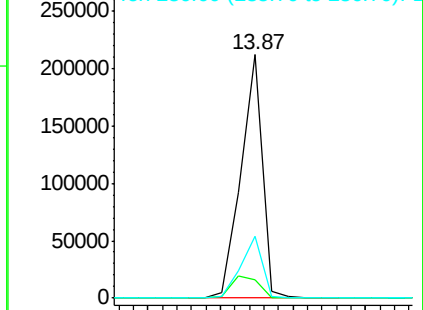


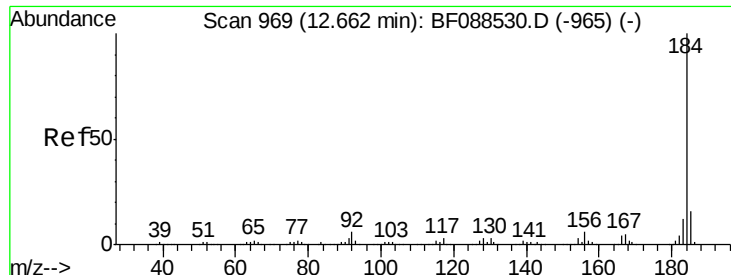
#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 13.87 min Scan# 1075
 Delta R.T. -0.05 min
 Lab File: BF088824.D
 Acq: 8 Jul 2016 14:31

Tgt Ion: 240 Resp: 217422
 Ion Ratio Lower Upper
 240 100
 120 7.5 6.8 10.2
 236 25.5 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: 29.89 ng

RT: 12.57 min Scan# 961

Delta R.T. -0.05 min

Lab File: BF088824.D

Acq: 8 Jul 2016 14:31

Instrument :

BNA_F

ClientSampleId :

PB91874BS

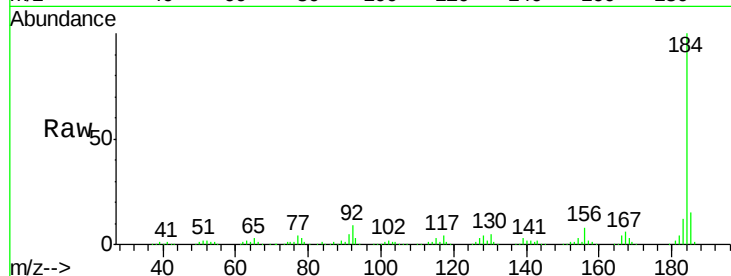
Tgt Ion:184 Resp: 328432

Ion Ratio Lower Upper

184 100

185 14.7 12.5 18.7

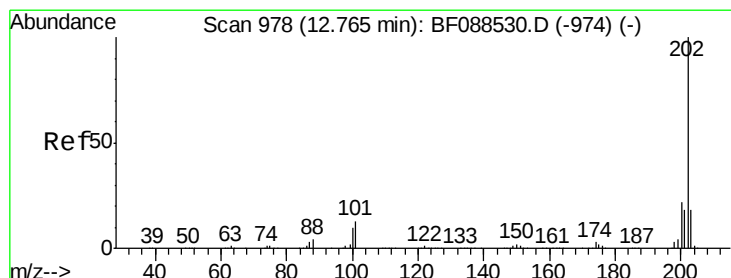
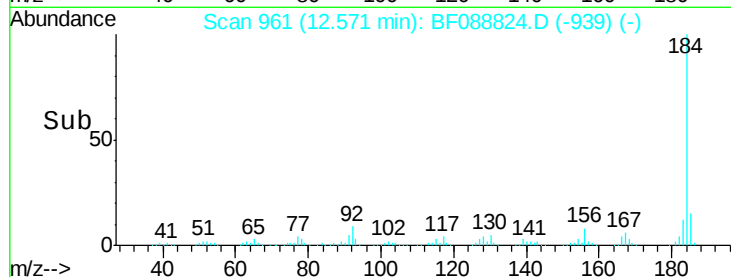
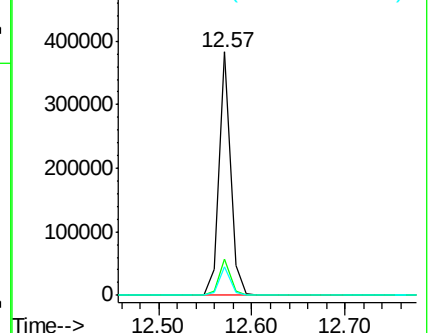
183 11.9 9.3 13.9



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: 37.39 ng

RT: 12.67 min Scan# 970

Delta R.T. -0.05 min

Lab File: BF088824.D

Acq: 8 Jul 2016 14:31

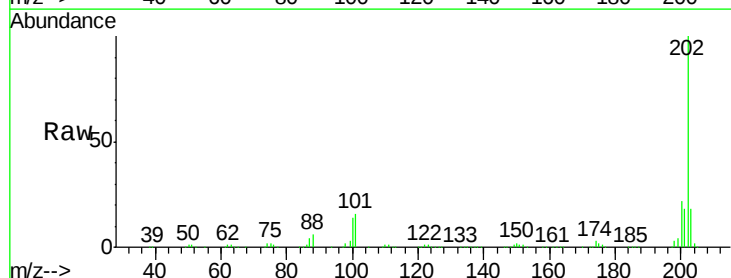
Tgt Ion:202 Resp: 689350

Ion Ratio Lower Upper

202 100

200 21.9 17.4 26.2

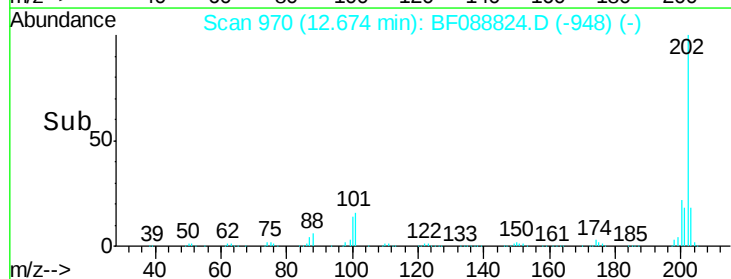
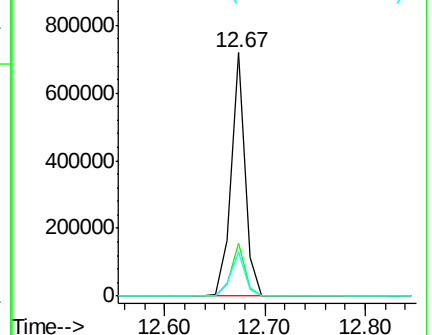
203 17.9 14.5 21.7

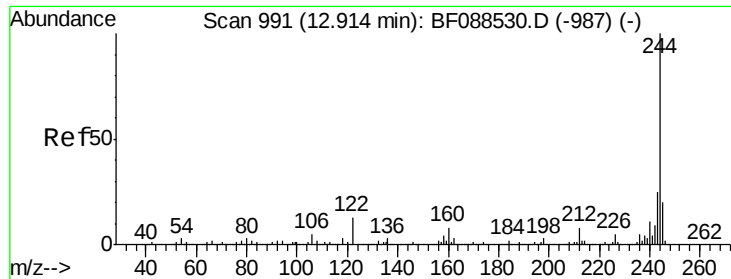


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

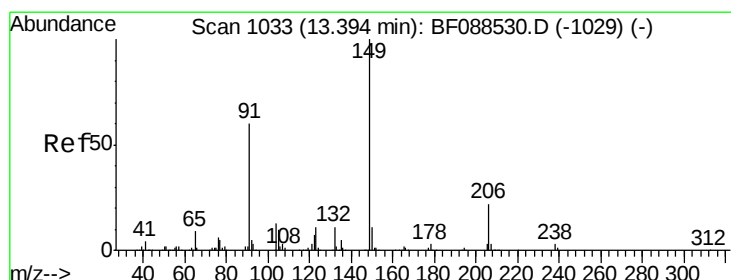
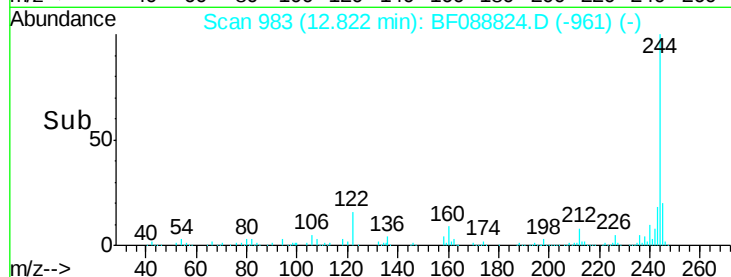
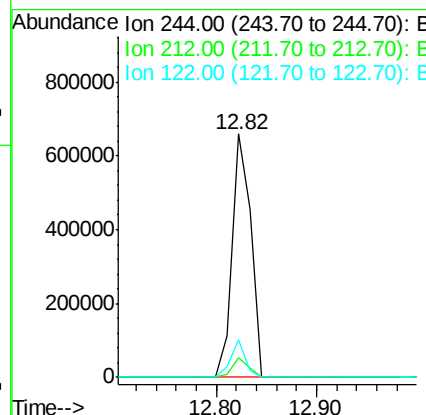
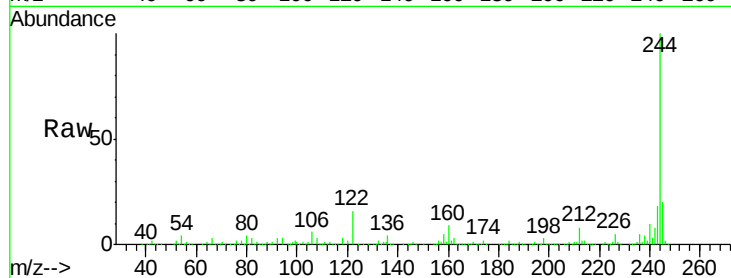




#78
 Terphenyl-d14
 Concen: 86.68 ng
 RT: 12.82 min Scan# 983
 Delta R.T. -0.05 min
 Lab File: BF088824.D
 Acq: 8 Jul 2016 14:31

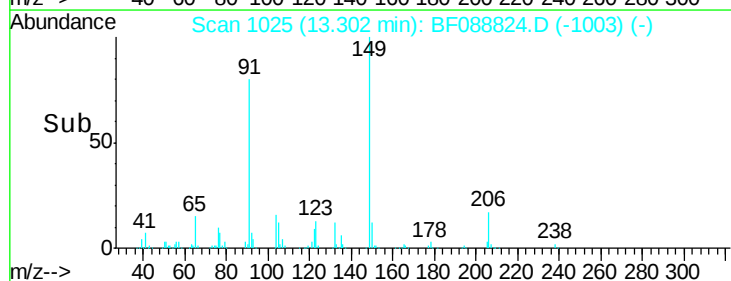
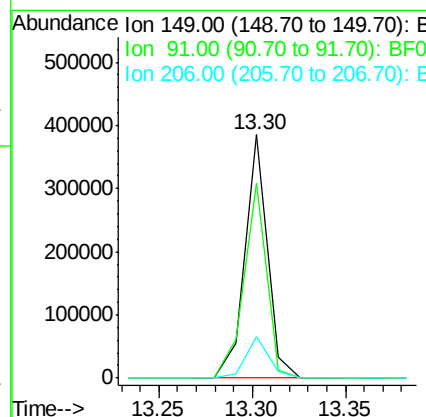
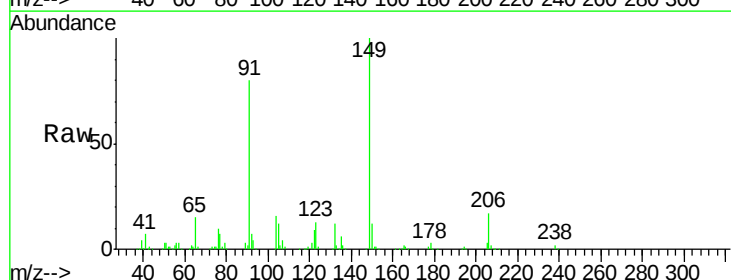
Instrument :
 BNA_F
 ClientSampleId :
 PB91874BS

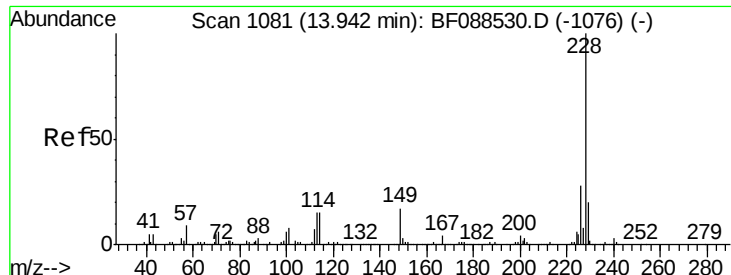
Tgt Ion:244 Resp: 846118
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.0 9.0
 122 15.6 11.2 16.8



#79
 Butylbenzylphthalate
 Concen: 39.79 ng
 RT: 13.30 min Scan# 1025
 Delta R.T. -0.05 min
 Lab File: BF088824.D
 Acq: 8 Jul 2016 14:31

Tgt Ion:149 Resp: 327159
 Ion Ratio Lower Upper
 149 100
 91 80.2 48.0 72.0#
 206 16.7 16.0 24.0





#80

Benzo(a)anthracene

Concen: 41.54 ng

RT: 13.86 min Scan# 1074

Delta R.T. -0.05 min

Lab File: BF088824.D

Acq: 8 Jul 2016 14:31

Instrument :

BNA_F

ClientSampleId :

PB91874BS

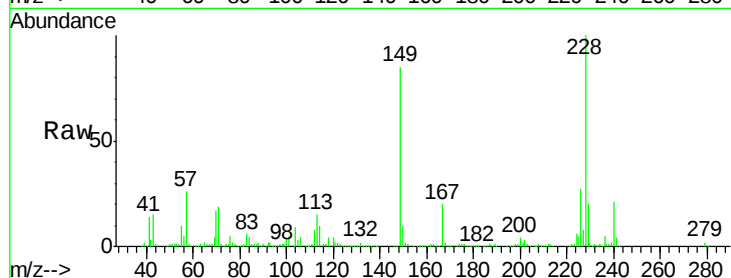
Tgt Ion:228 Resp: 581544

Ion Ratio Lower Upper

228 100

226 27.2 22.3 33.5

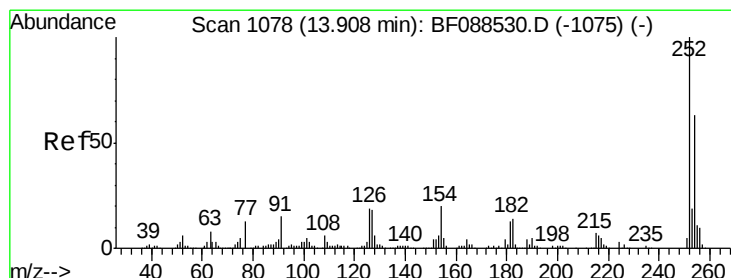
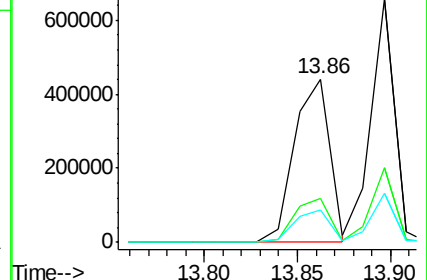
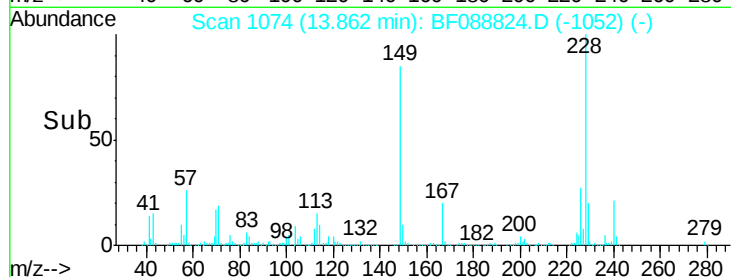
229 19.5 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 25.24 ng

RT: 13.83 min Scan# 1071

Delta R.T. -0.05 min

Lab File: BF088824.D

Acq: 8 Jul 2016 14:31

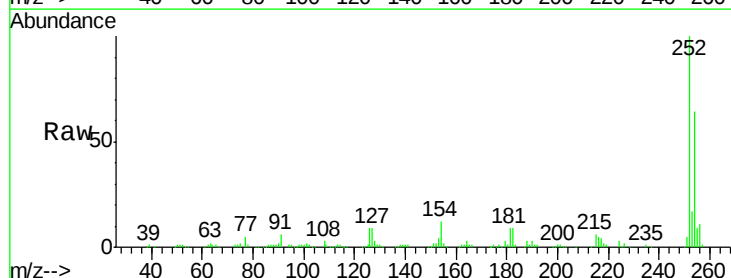
Tgt Ion:252 Resp: 132855

Ion Ratio Lower Upper

252 100

254 64.2 52.6 78.8

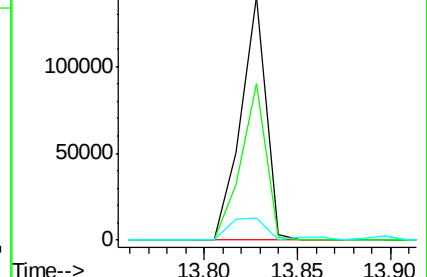
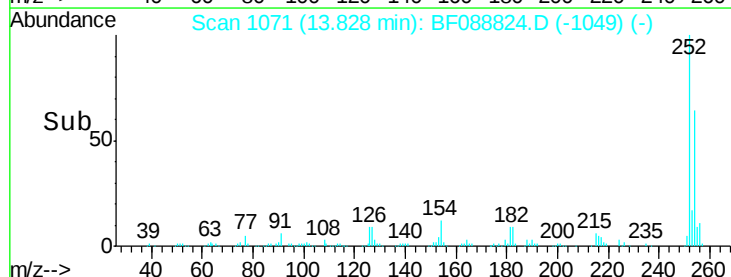
126 8.9 6.2 9.2

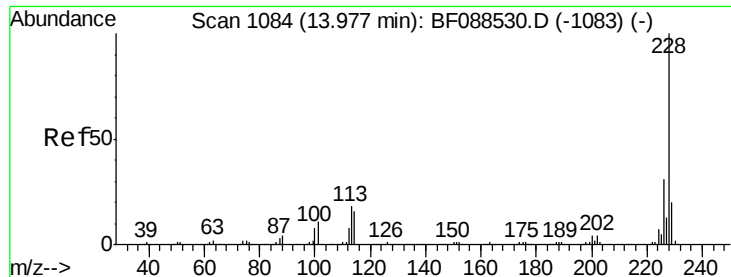


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 41.66 ng

RT: 13.90 min Scan# 1077

Delta R.T. -0.05 min

Lab File: BF088824.D

Acq: 8 Jul 2016 14:31

Instrument :

BNA_F

ClientSampleId :

PB91874BS

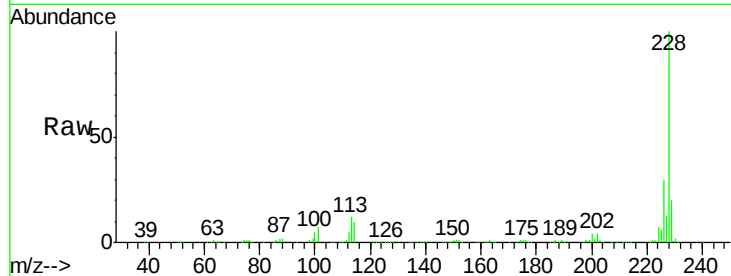
Tgt Ion:228 Resp: 577103

Ion Ratio Lower Upper

228 100

226 30.5 25.4 38.2

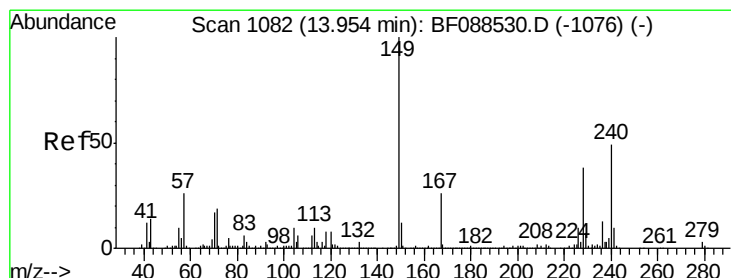
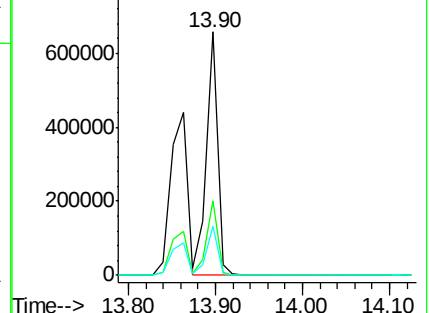
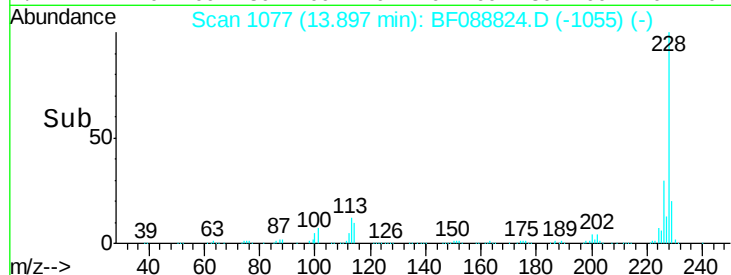
229 20.0 16.3 24.5



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: 43.05 ng

RT: 13.86 min Scan# 1074

Delta R.T. -0.05 min

Lab File: BF088824.D

Acq: 8 Jul 2016 14:31

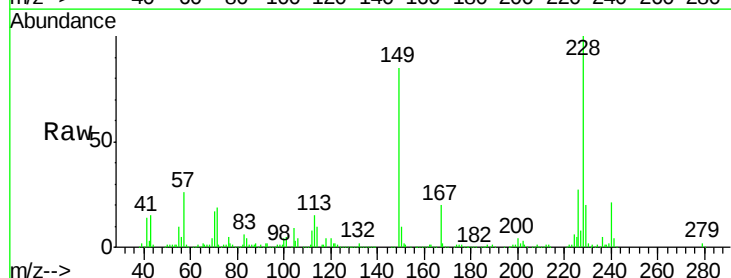
Tgt Ion:149 Resp: 404163

Ion Ratio Lower Upper

149 100

167 24.0 20.5 30.7

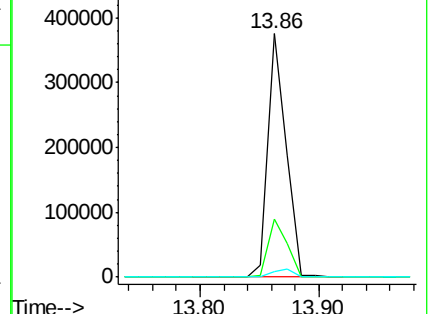
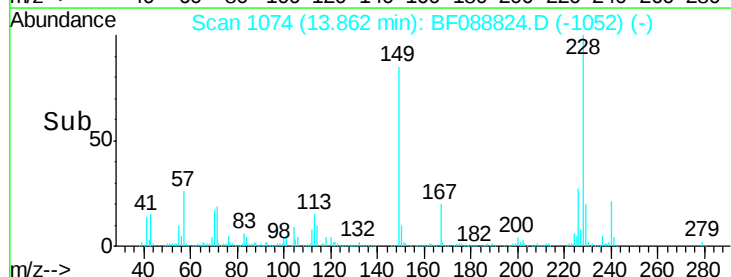
279 2.1 2.0 3.0

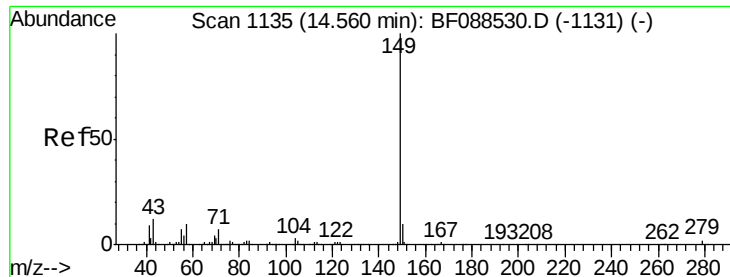


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

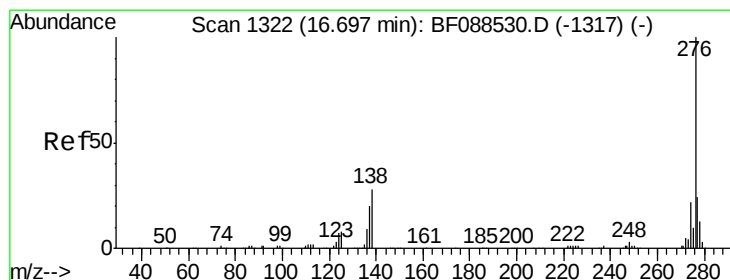
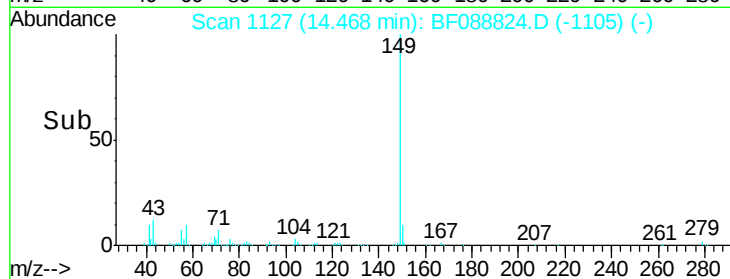
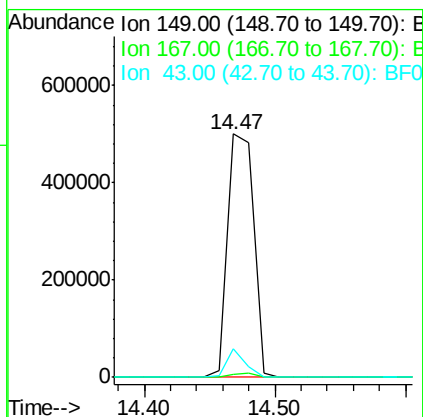
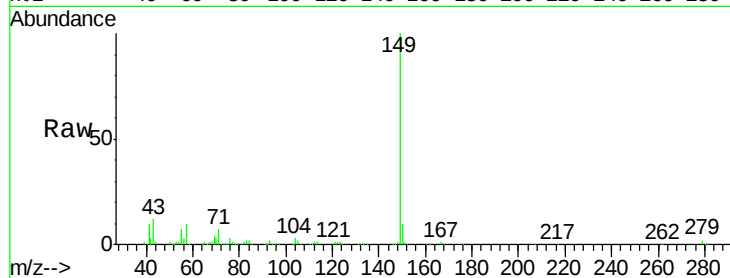




#84
Di-n-octyl phthalate
Concen: 43.25 ng
RT: 14.47 min Scan# 1127
Delta R.T. -0.05 min
Lab File: BF088824.D
Acq: 8 Jul 2016 14:31

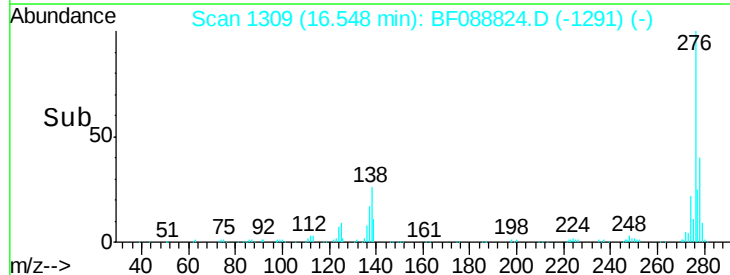
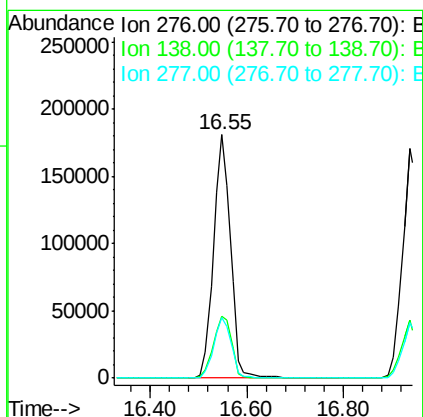
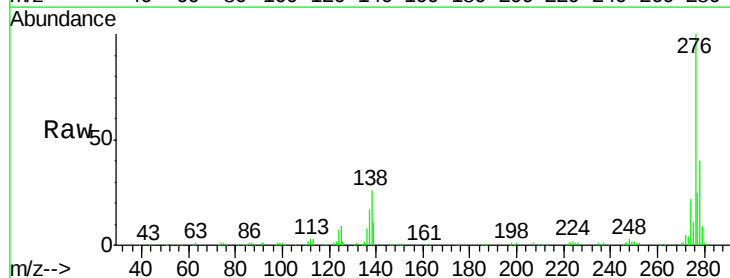
Instrument :
BNA_F
ClientSampleId :
PB91874BS

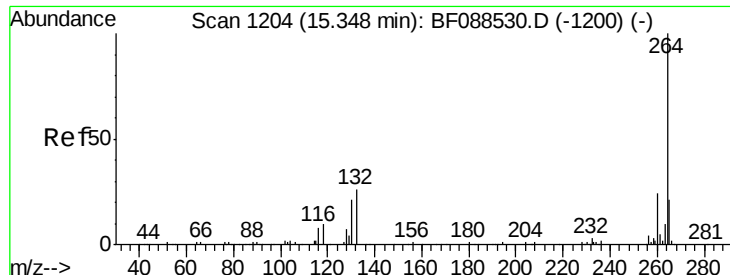
Tgt Ion:149 Resp: 689769
Ion Ratio Lower Upper
149 100
167 1.4 0.0 0.0#
43 8.7 0.0 0.0#



#85
Indeno(1,2,3-cd)pyrene
Concen: 42.07 ng
RT: 16.55 min Scan# 1309
Delta R.T. -0.09 min
Lab File: BF088824.D
Acq: 8 Jul 2016 14:31

Tgt Ion:276 Resp: 448353
Ion Ratio Lower Upper
276 100
138 27.5 0.0 0.0#
277 25.3 0.0 0.0#

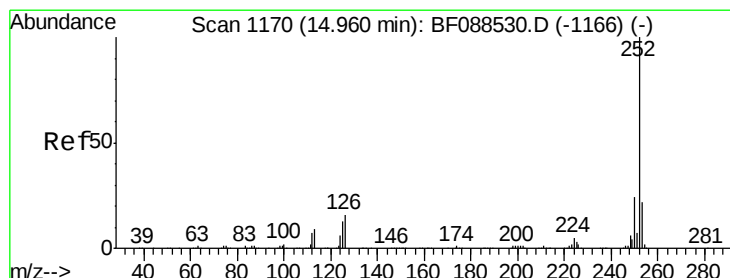
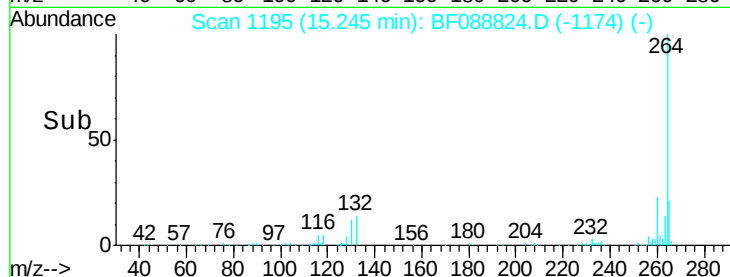
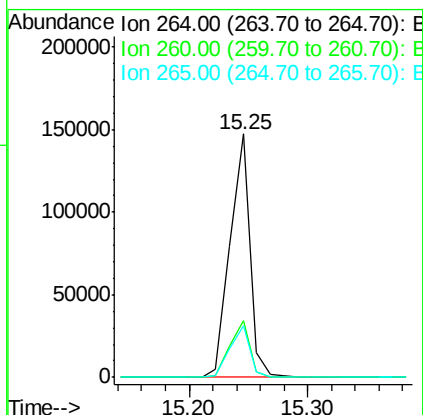
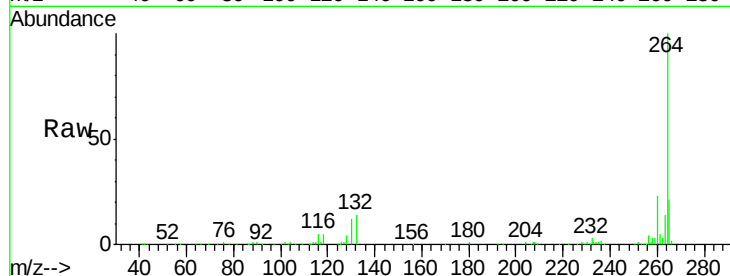




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.25 min Scan# 1195
Delta R.T. -0.06 min
Lab File: BF088824.D
Acq: 8 Jul 2016 14:31

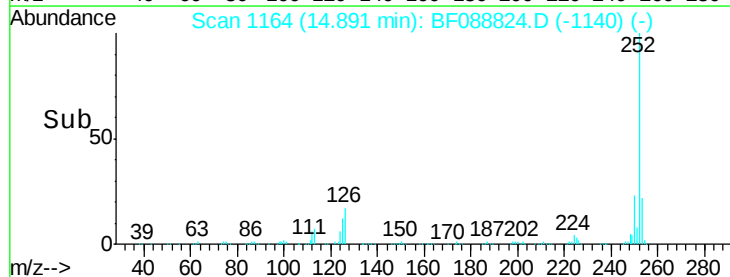
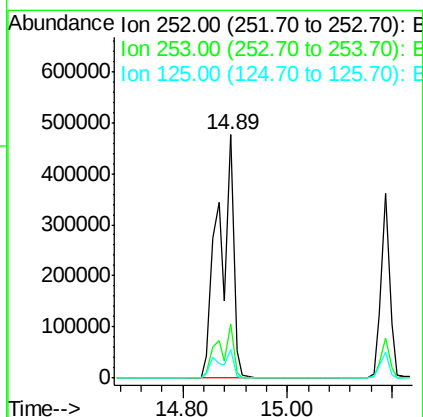
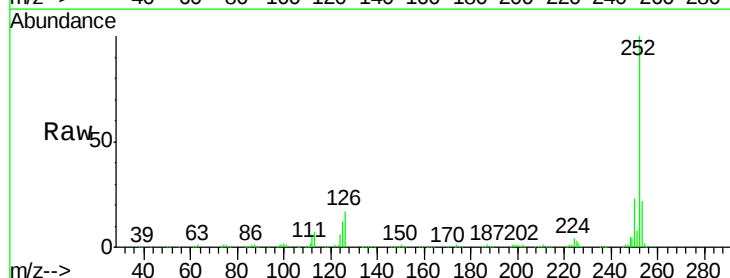
Instrument :
BNA_F
ClientSampleId :
PB91874BS

Tgt Ion: 264 Resp: 171252
Ion Ratio Lower Upper
264 100
260 23.4 19.2 28.8
265 21.3 16.9 25.3



#87
Benzo(b)fluoranthene
Concen: 87.05 ng
RT: 14.89 min Scan# 1164
Delta R.T. -0.02 min
Lab File: BF088824.D
Acq: 8 Jul 2016 14:31

Tgt Ion: 252 Resp: 935115
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 11.6 7.1 10.7#

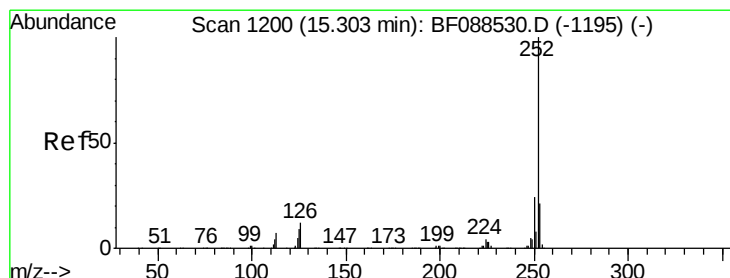
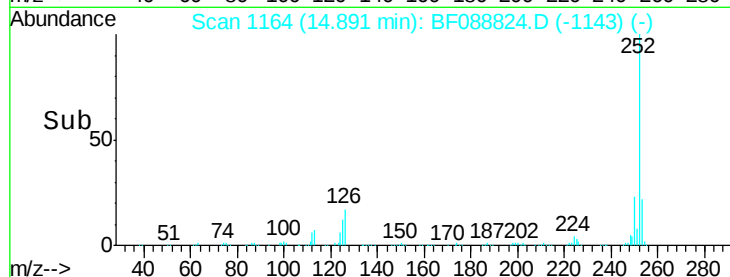
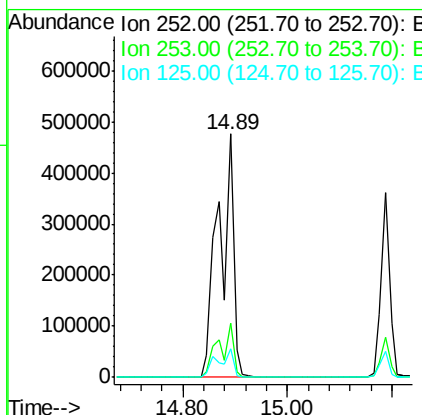
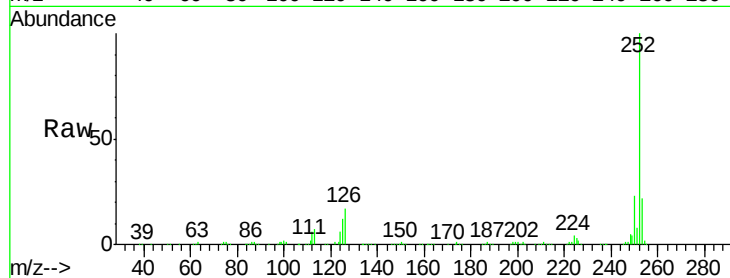




#88
Benzo(k)fluoranthene
Concen: 99.99 ng
RT: 14.89 min Scan# 1164
Delta R.T. -0.06 min
Lab File: BF088824.D
Acq: 8 Jul 2016 14:31

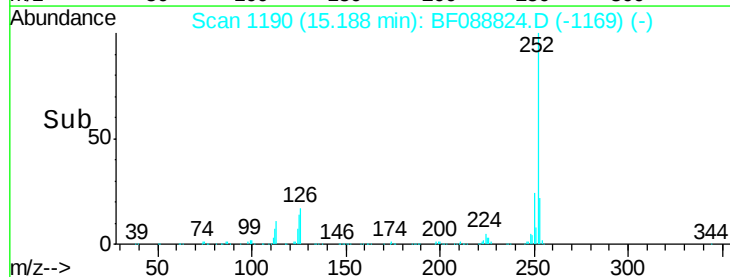
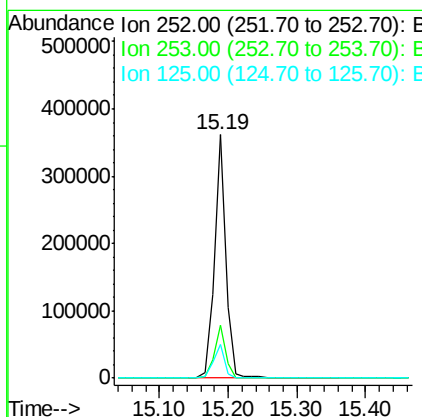
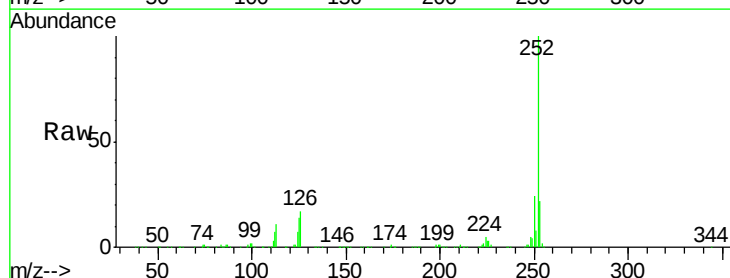
Instrument :
BNA_F
ClientSampleId :
PB91874BS

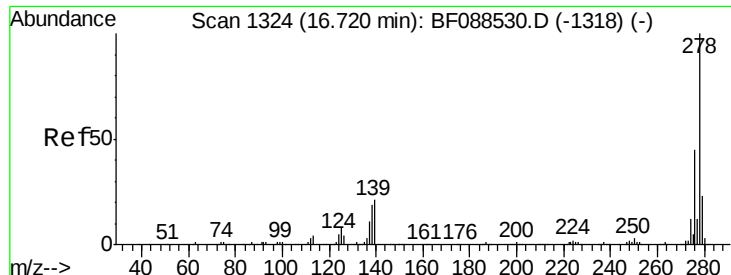
Tgt Ion:252 Resp: 935115
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 11.6 11.2 16.8



#89
Benzo(a)pyrene
Concen: 46.67 ng
RT: 15.19 min Scan# 1190
Delta R.T. -0.06 min
Lab File: BF088824.D
Acq: 8 Jul 2016 14:31

Tgt Ion:252 Resp: 424447
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 14.0 12.5 18.7

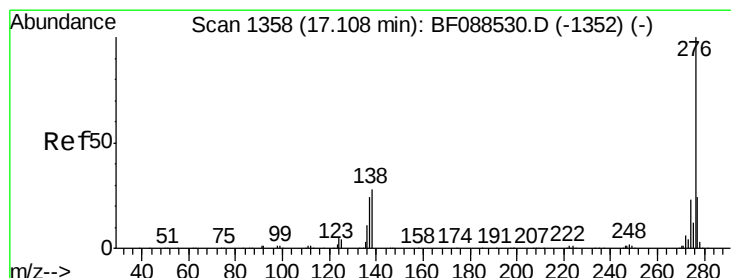
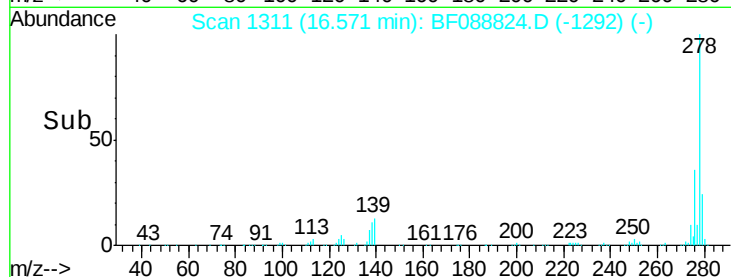
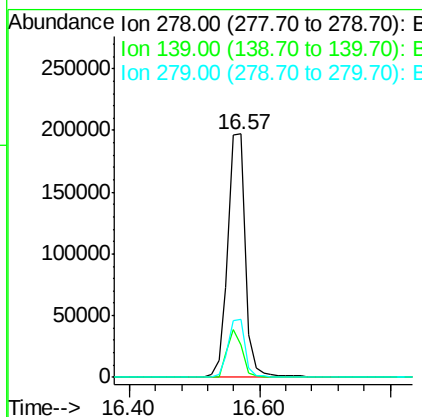
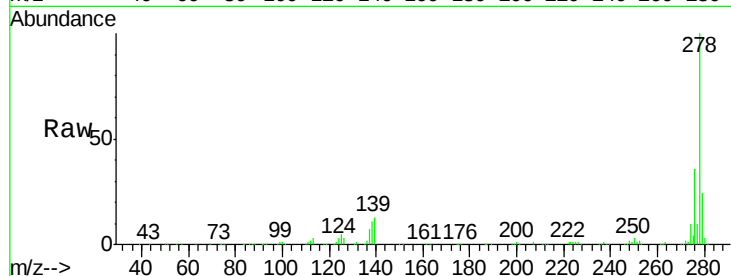




#90
Dibenzo(a,h)anthracene
Concen: 48.76 ng
RT: 16.57 min Scan# 1311
Delta R.T. -0.08 min
Lab File: BF088824.D
Acq: 8 Jul 2016 14:31

Instrument :
BNA_F
ClientSampleId :
PB91874BS

Tgt Ion:278 Resp: 370341
Ion Ratio Lower Upper
278 100
139 13.1 15.7 23.5#
279 23.6 19.4 29.2



#91
Benzo(g,h,i)perylene
Concen: 47.93 ng
RT: 16.94 min Scan# 1343
Delta R.T. -0.10 min
Lab File: BF088824.D
Acq: 8 Jul 2016 14:31

Tgt Ion:276 Resp: 376698
Ion Ratio Lower Upper
276 100
277 23.9 18.9 28.3
138 25.1 21.4 32.2

