

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062016\
 Data File : BF088174.D
 Acq On : 20 Jun 2016 16:02
 Operator : UM/SJ
 Sample : PB91373BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91373BS

Quant Time: Jun 20 18:01:50 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 17:39:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	85499	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	342556	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	167870	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	306063	20.00	ng	0.00
75) Chrysene-d12	13.81	240	226367	20.00	ng	0.00
86) Perylene-d12	15.18	264	205265	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	549504	109.87	ng	0.01
7) Phenol-d6	6.33	99	682033	112.53	ng	0.00
23) Nitrobenzene-d5	7.24	82	468569	79.88	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	164704	92.92	ng	0.00
44) 2-Fluorobiphenyl	9.04	172	944433	88.62	ng	0.00
78) Terphenyl-d14	12.76	244	842744	84.72	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.20	88	74209	30.54	ng	# 41
3) Pyridine	2.87	79	226348	39.45	ng	92
4) n-Nitrosodimethylamine	2.82	42	94362	38.83	ng	83
6) Aniline	6.33	93	178669	20.71	ng	# 49
8) 2-Chlorophenol	6.46	128	251811	42.54	ng	94
10) Phenol	6.34	94	301042	48.29	ng	87
11) bis(2-Chloroethyl)ether	6.41	93	215126	40.48	ng	93
12) 1,3-Dichlorobenzene	6.60	146	255675	40.26	ng	98
13) 1,4-Dichlorobenzene	6.68	146	264461	41.33	ng	99
14) 1,2-Dichlorobenzene	6.84	146	228193	39.22	ng	100
15) Benzyl Alcohol	6.82	79	170058	35.86	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.96	45	257810	35.90	ng	70
17) 2-Methylphenol	6.95	107	201065	41.88	ng	97
18) Hexachloroethane	7.18	117	94517	41.63	ng	91
19) n-Nitroso-di-n-propylamine	7.10	70	162349	41.87	ng	# 86
20) 3+4-Methylphenols	7.11	107	269705	48.15	ng	# 75
22) Acetophenone	7.08	105	322080	42.07	ng	# 97
24) Nitrobenzene	7.26	77	227152	39.97	ng	89
25) Isophorone	7.50	82	456325	42.00	ng	98
26) 2-Nitrophenol	7.58	139	136159	44.73	ng	# 88
27) 2,4-Dimethylphenol	7.63	122	234688	41.87	ng	99
28) bis(2-Chloroethoxy)methane	7.71	93	283702	42.10	ng	# 97
29) 2,4-Dichlorophenol	7.83	162	221429	47.32	ng	95
30) 1,2,4-Trichlorobenzene	7.90	180	209422	41.10	ng	99
31) Naphthalene	7.98	128	725620	42.80	ng	99
32) Benzoic acid	7.76	122	69252	22.44	ng	96
33) 4-Chloroaniline	8.03	127	138343	18.28	ng	96
34) Hexachlorobutadiene	8.09	225	110411	41.09	ng	98
35) Caprolactam	8.41	113	43231	27.89	ng	# 85
36) 4-Chloro-3-methylphenol	8.54	107	223162	44.59	ng	98
37) 2-Methylnaphthalene	8.67	142	480383	42.99	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	200155	46.24	ng	# 1
40) Hexachlorocyclopentadiene	8.82	237	119381	44.09	ng	98
42) 2,4,6-Trichlorophenol	8.96	196	133933	39.90	ng	99

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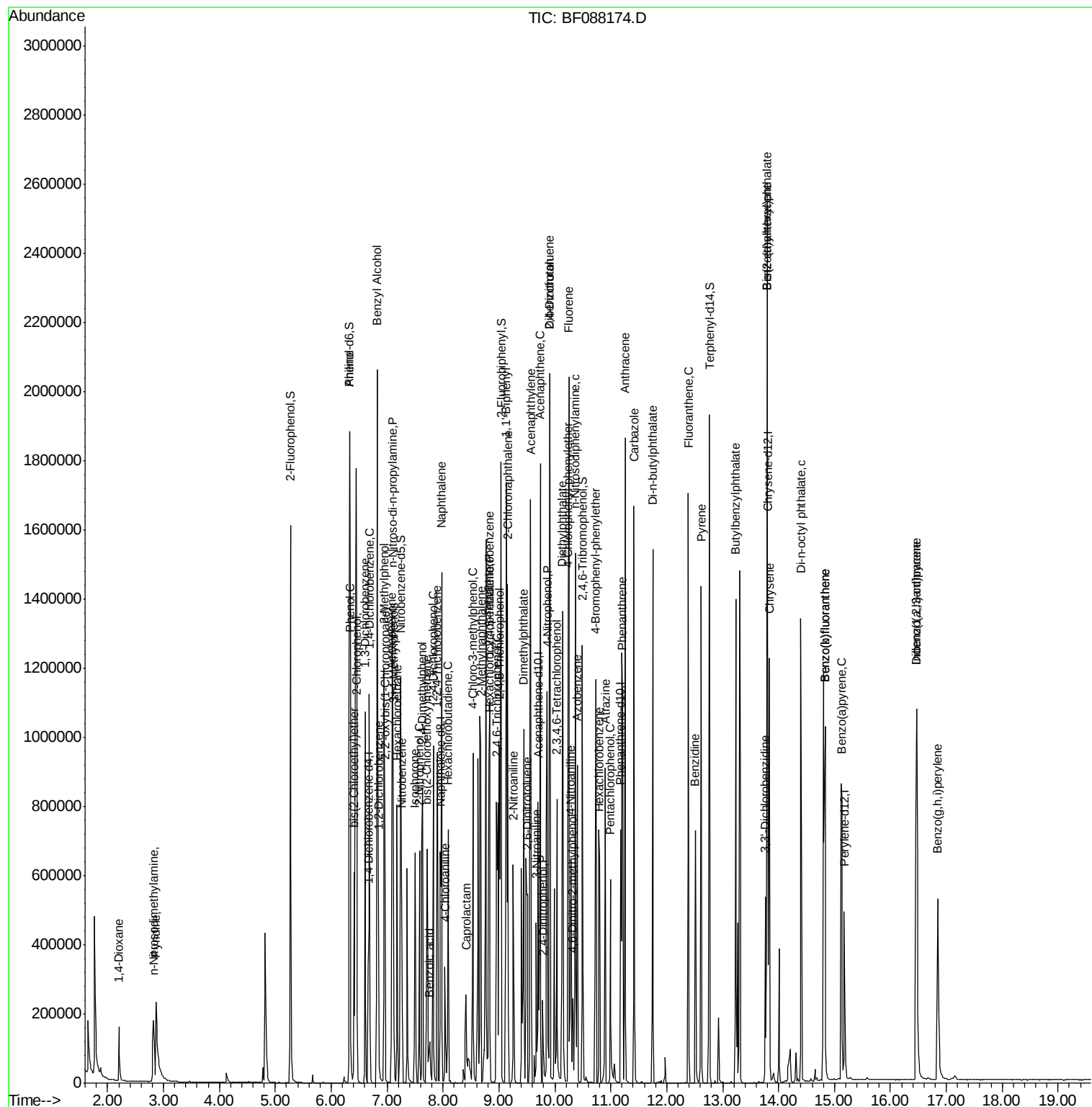
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.00	196	145473	41.65	ng	# 92
45) 1,1'-Biphenyl	9.13	154	565765	44.88	ng	98
46) 2-Chloronaphthalene	9.15	162	449460	41.38	ng	99
47) 2-Nitroaniline	9.26	65	122438	38.21	ng	93
48) Acenaphthylene	9.56	152	656800	38.01	ng	100
49) Dimethylphthalate	9.44	163	528586	43.47	ng	99
50) 2,6-Dinitrotoluene	9.51	165	133270	47.86	ng	89
51) Acenaphthene	9.74	154	407416	37.80	ng	99
52) 3-Nitroaniline	9.67	138	77204	24.03	ng	97
53) 2,4-Dinitrophenol	9.78	184	44011	34.76	ng	91
54) Dibenzofuran	9.91	168	562410	37.89	ng	# 90
55) 4-Nitrophenol	9.86	139	142380	57.09	ng	# 77
56) 2,4-Dinitrotoluene	9.91	165	147823	41.30	ng	# 60
57) Fluorene	10.25	166	466472	46.68	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.03	232	105348	38.38	ng	# 53
59) Diethylphthalate	10.14	149	533822	43.37	ng	99
60) 4-Chlorophenyl-phenylether	10.24	204	195464	39.59	ng	# 87
61) 4-Nitroaniline	10.28	138	124241	40.76	ng	98
62) Azobenzene	10.40	77	500229	41.10	ng	94
64) 4,6-Dinitro-2-methylphenol	10.32	198	49544	26.92	ng	# 64
65) n-Nitrosodiphenylamine	10.36	169	422255	41.58	ng	100
66) 4-Bromophenyl-phenylether	10.73	248	144351	43.96	ng	# 91
67) Hexachlorobenzene	10.80	284	147424	43.21	ng	# 73
68) Atrazine	10.90	200	152840	49.70	ng	94
69) Pentachlorophenol	10.99	266	81206	45.16	ng	97
70) Phenanthrene	11.21	178	724070	45.08	ng	98
71) Anthracene	11.26	178	694919	42.90	ng	99
72) Carbazole	11.42	167	651180	42.95	ng	100
73) Di-n-butylphthalate	11.75	149	796752	41.52	ng	100
74) Fluoranthene	12.39	202	737545	43.52	ng	97
76) Benzidine	12.51	184	282026	45.00	ng	98
77) Pyrene	12.62	202	770342	45.86	ng	99
79) Butylbenzylphthalate	13.23	149	345453	46.52	ng	# 86
80) Benzo(a)anthracene	13.79	228	550747	42.69	ng	100
81) 3,3'-Dichlorobenzidine	13.76	252	109450	31.55	ng	# 96
82) Chrysene	13.84	228	621409	51.20	ng	97
83) Bis(2-ethylhexyl)phthalate	13.79	149	413873	45.78	ng	99
84) Di-n-octyl phthalate	14.40	149	802116	54.60	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.47	276	479843	42.56	ng	# 100
87) Benzo(b)fluoranthene	14.83	252	1090128	76.20	ng	100
88) Benzo(k)fluoranthene	14.83	252	1090291	101.03	ng	# 94
89) Benzo(a)pyrene	15.13	252	511349	44.18	ng	# 93
90) Dibenzo(a,h)anthracene	16.47	278	403047	37.49	ng	97
91) Benzo(g,h,i)perylene	16.85	276	422083	38.17	ng	98

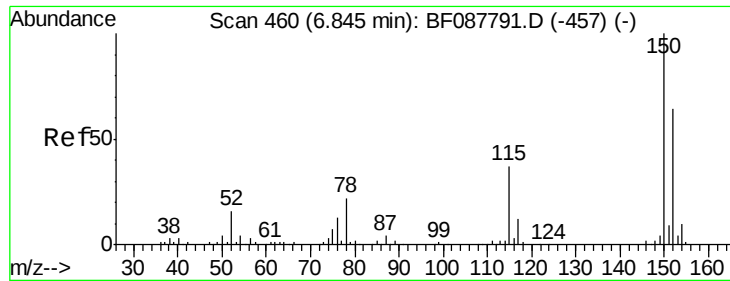
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.67 min Scan# 445

Delta R.T. -0.00 min

Lab File: BF088174.D

Acq: 20 Jun 2016 16:02

Instrument :

BNA_F

ClientSampleId :

PB91373BS

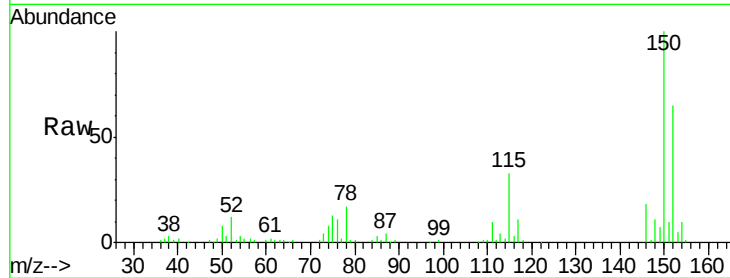
Tgt Ion:152 Resp: 85499

Ion Ratio Lower Upper

152 100

150 153.0 123.8 185.6

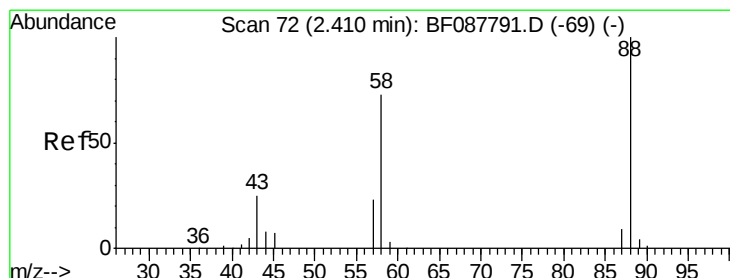
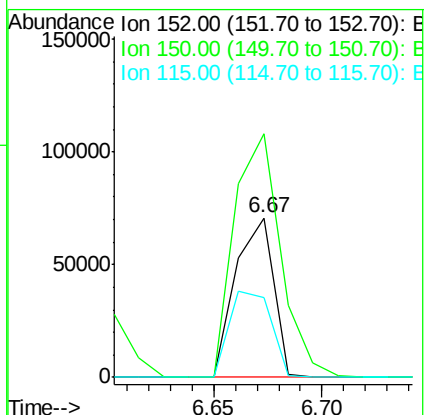
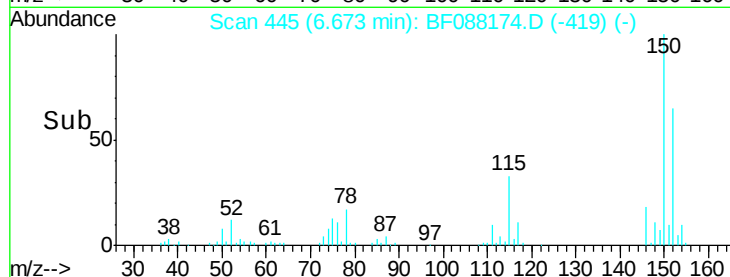
115 50.1 39.6 59.4



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



#2

1,4-Dioxane

Concen: 30.54 ng

RT: 2.20 min Scan# 54

Delta R.T. 0.08 min

Lab File: BF088174.D

Acq: 20 Jun 2016 16:02

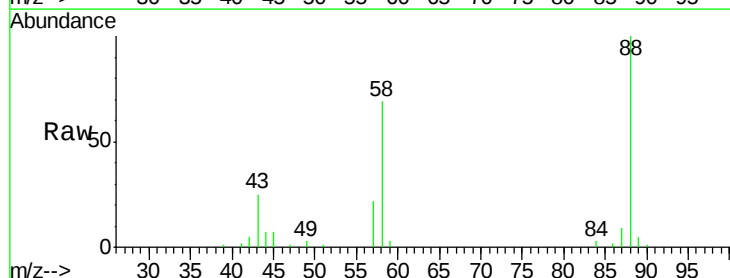
Tgt Ion: 88 Resp: 74209

Ion Ratio Lower Upper

88 100

58 67.2 0.0 0.0#

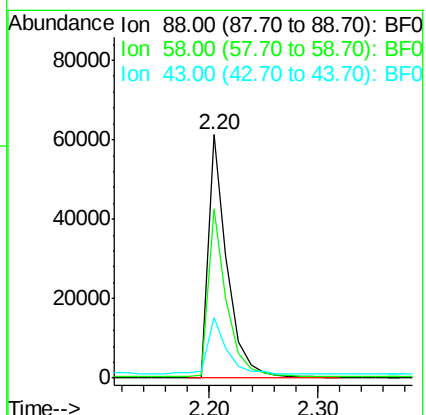
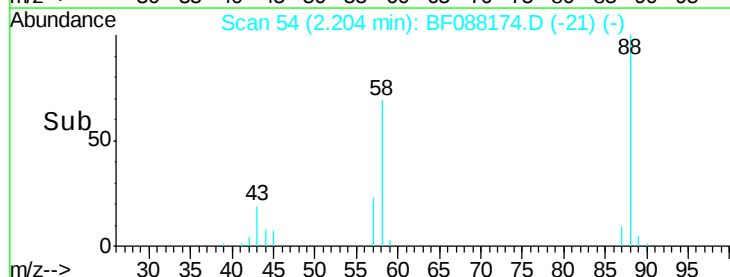
43 23.7 3.4 5.2#

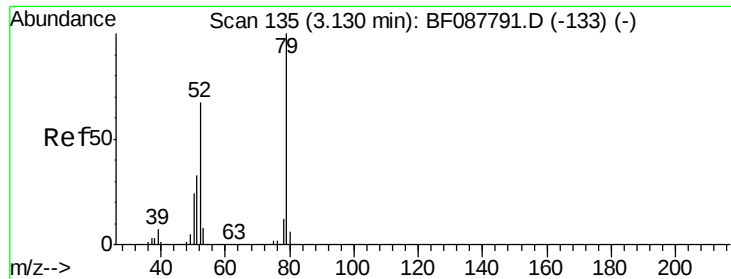


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 39.45 ng

RT: 2.87 min Scan# 112

Delta R.T. 0.07 min

Lab File: BF088174.D

Acq: 20 Jun 2016 16:02

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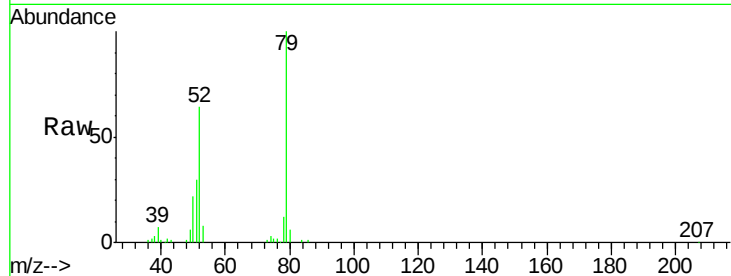
Tgt Ion: 79 Resp: 226348

Ion Ratio Lower Upper

79 100

52 64.1 56.3 84.5

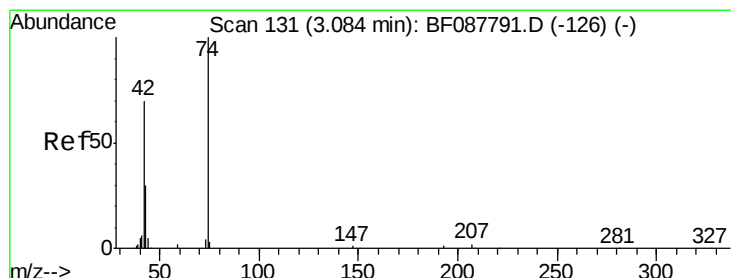
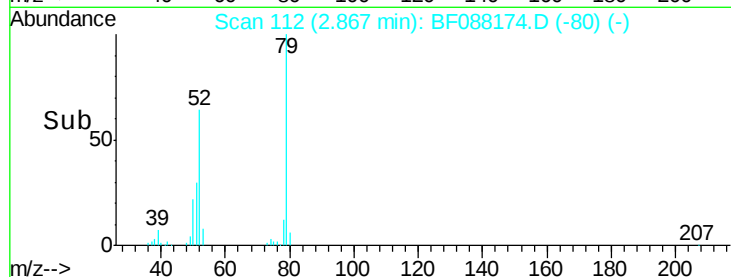
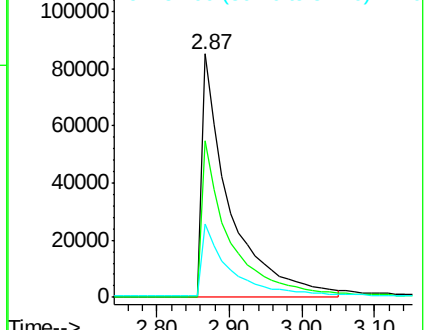
51 30.1 27.4 41.2



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: 38.83 ng

RT: 2.82 min Scan# 108

Delta R.T. 0.07 min

Lab File: BF088174.D

Acq: 20 Jun 2016 16:02

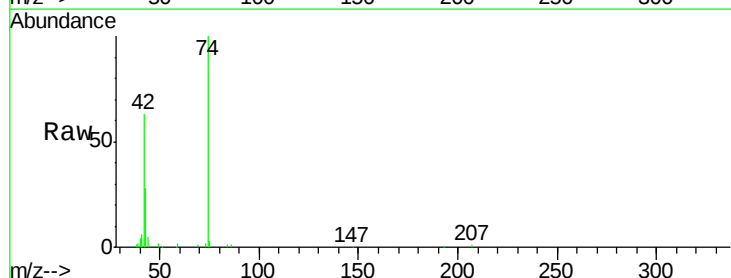
Tgt Ion: 42 Resp: 94362

Ion Ratio Lower Upper

42 100

74 157.7 108.6 163.0

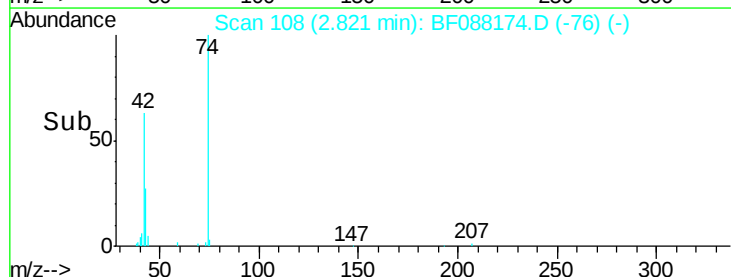
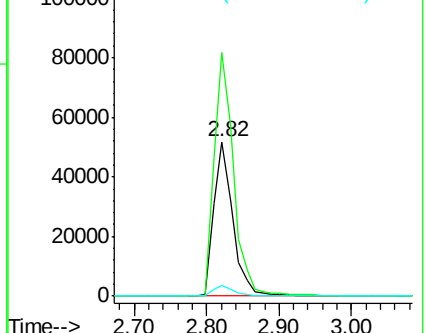
44 7.2 5.5 8.3



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 109.87 ng

RT: 5.27 min Scan# 322

Delta R.T. 0.01 min

Lab File: BF088174.D

Acq: 20 Jun 2016 16:02

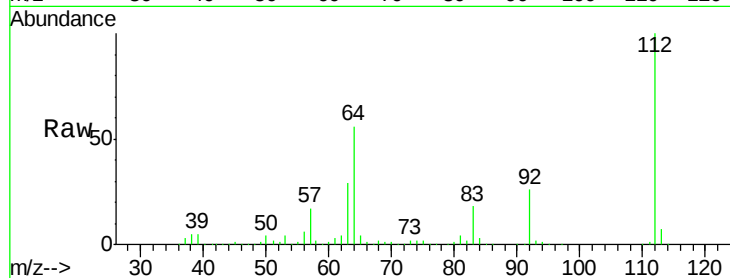
Instrument :

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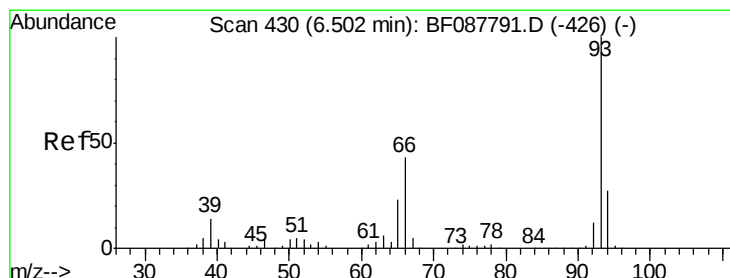
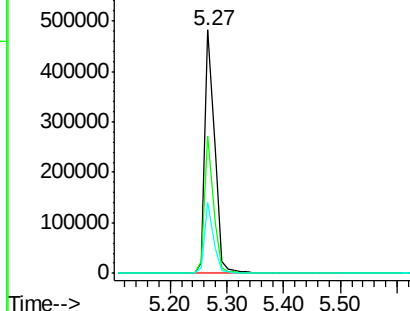
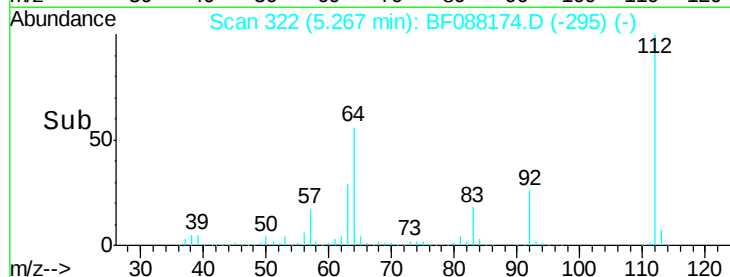
Tgt Ion:	112	Resp:	549504
Ion	Ratio	Lower	Upper
112	100		
64	56.4	42.2	63.2
63	29.2	21.8	32.8



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 20.71 ng

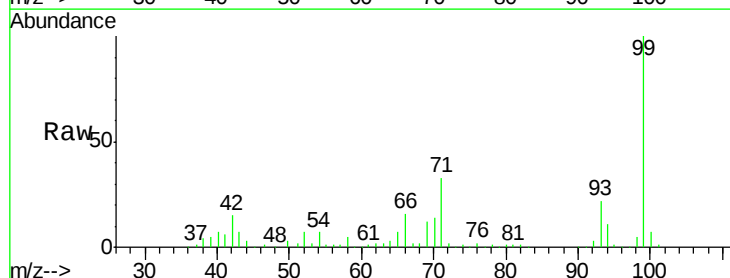
RT: 6.33 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF088174.D

Acq: 20 Jun 2016 16:02

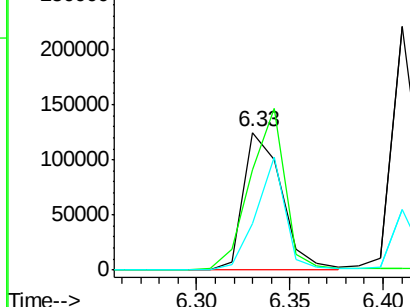
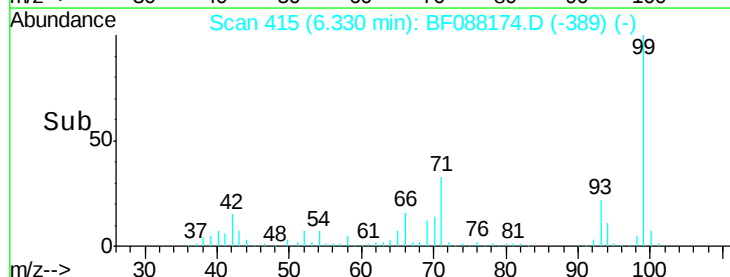
Tgt Ion:	93	Resp:	178669
Ion	Ratio	Lower	Upper
93	100		
66	73.0	29.8	44.8#
65	33.5	14.9	22.3#



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: 112.53 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF088174.D

Acq: 20 Jun 2016 16:02

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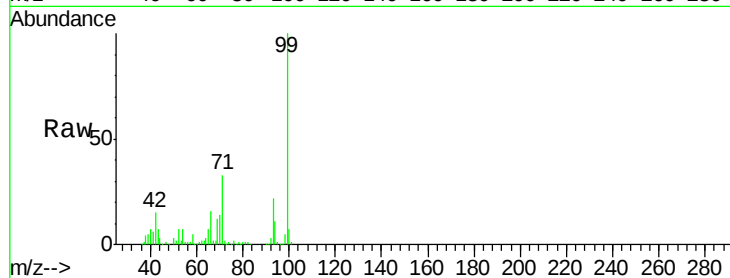
Tgt Ion: 99 Resp: 682033

Ion Ratio Lower Upper

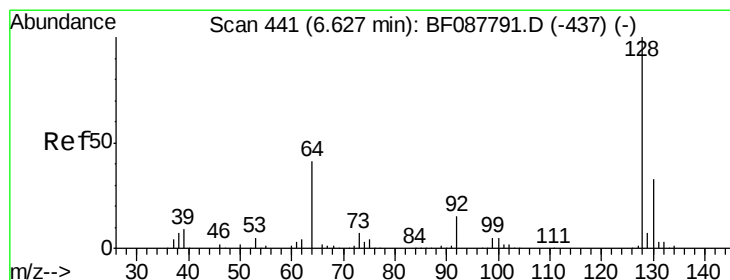
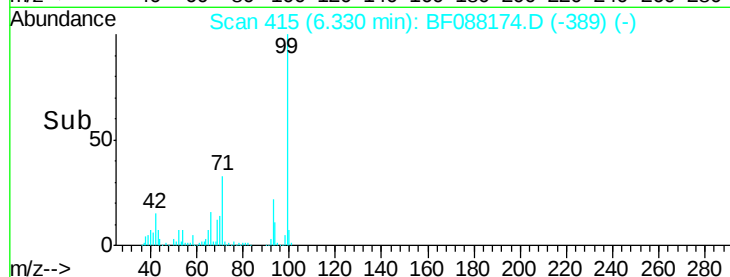
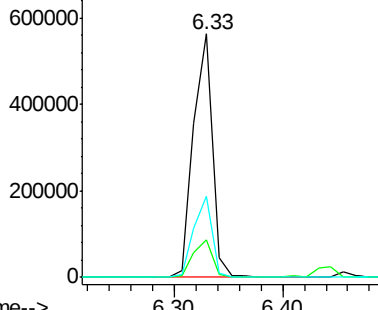
99 100

42 15.4 12.2 18.2

71 33.2 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: 42.54 ng

RT: 6.46 min Scan# 426

Delta R.T. -0.00 min

Lab File: BF088174.D

Acq: 20 Jun 2016 16:02

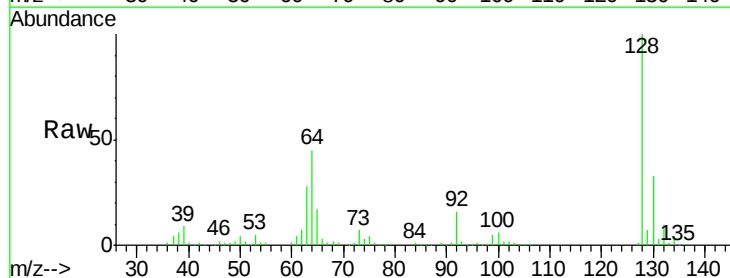
Tgt Ion: 128 Resp: 251811

Ion Ratio Lower Upper

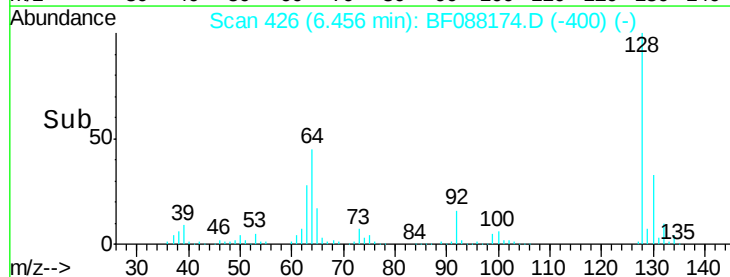
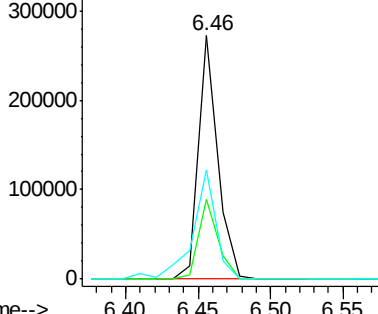
128 100

130 32.6 12.0 52.0

64 45.1 30.8 70.8



Abundance Ion 128.00 (127.70 to 128.70): B
Ion 130.00 (129.70 to 130.70): B
Ion 64.00 (63.70 to 64.70): BF0





#10

Phenol

Concen: 48.29 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.00 min

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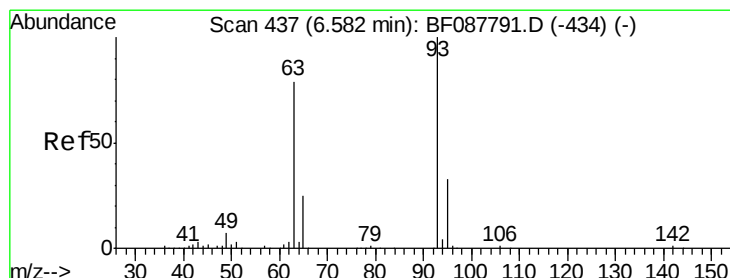
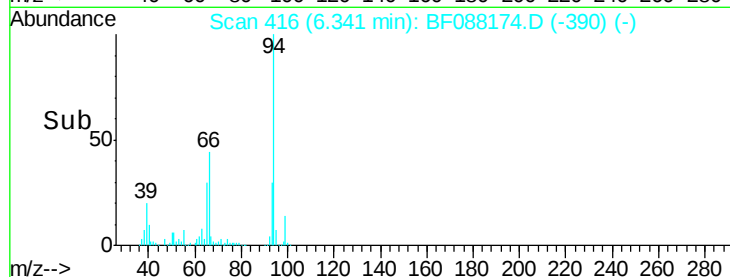
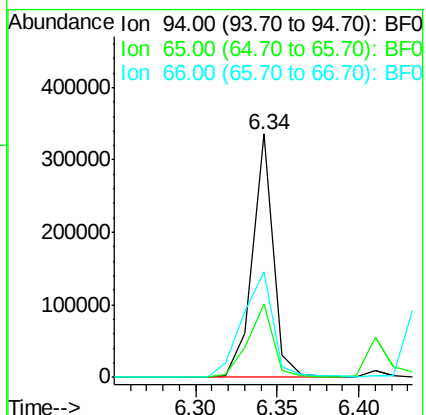
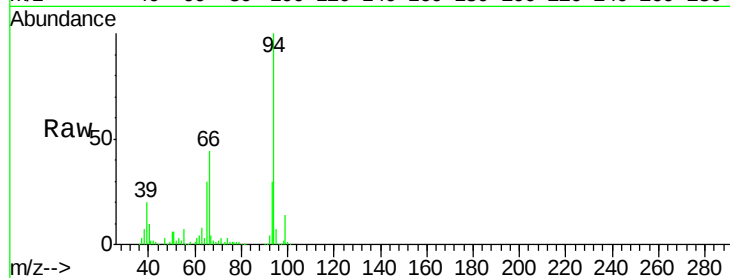
Tgt Ion: 94 Resp: 301042

Ion Ratio Lower Upper

94 100

65 30.3 5.9 45.9

66 43.5 14.0 54.0



#11

bis(2-Chloroethyl)ether

Concen: 40.48 ng

RT: 6.41 min Scan# 422

Delta R.T. -0.00 min

Lab File: BF088174.D

Acq: 20 Jun 2016 16:02

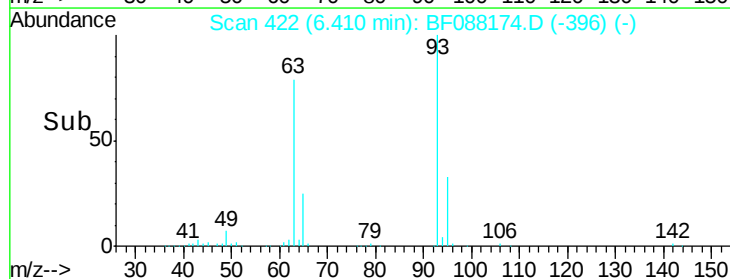
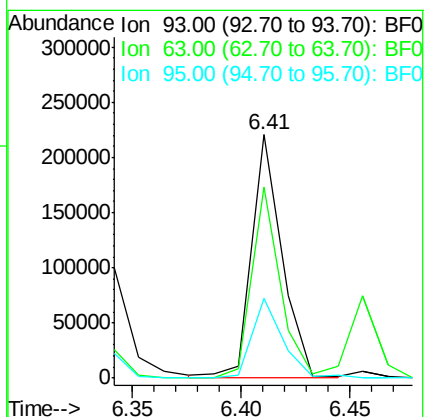
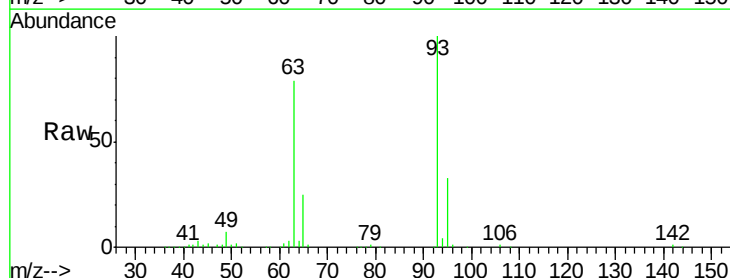
Tgt Ion: 93 Resp: 215126

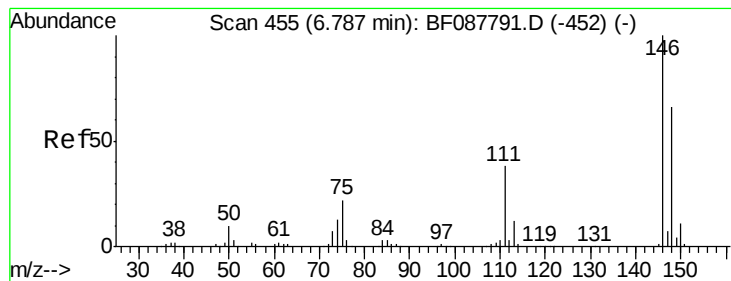
Ion Ratio Lower Upper

93 100

63 78.6 67.6 107.6

95 32.9 12.5 52.5





#12

1,3-Dichlorobenzene

Concen: 40.26 ng

RT: 6.60 min Scan# 439

Delta R.T. -0.00 min

Lab File: BF088174.D

Acq: 20 Jun 2016 16:02

Instrument :

BNA_F

ClientSampleId :

PB91373BS

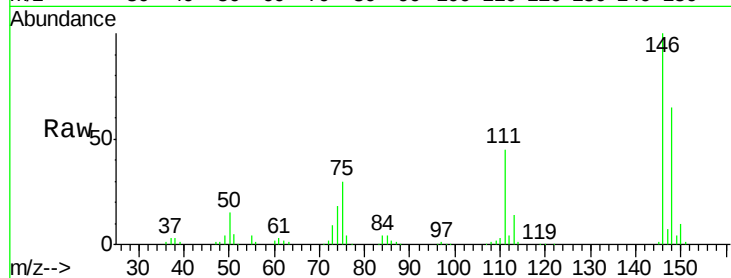
Tgt Ion:146 Resp: 255675

Ion Ratio Lower Upper

146 100

148 64.6 50.9 76.3

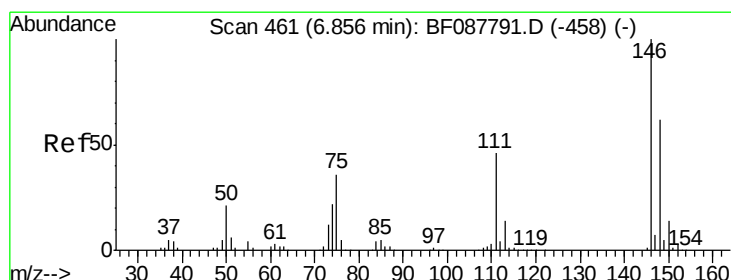
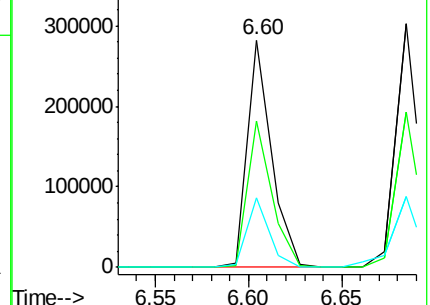
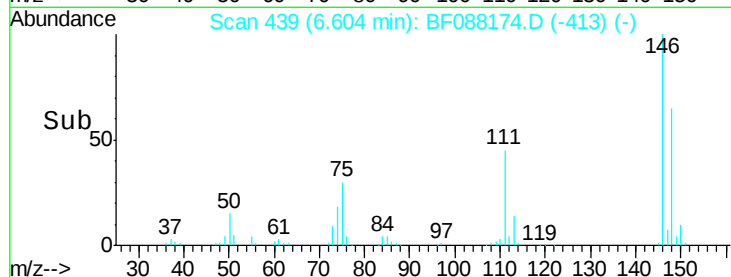
75 30.4 25.6 38.4



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: 41.33 ng

RT: 6.68 min Scan# 446

Delta R.T. -0.00 min

Lab File: BF088174.D

Acq: 20 Jun 2016 16:02

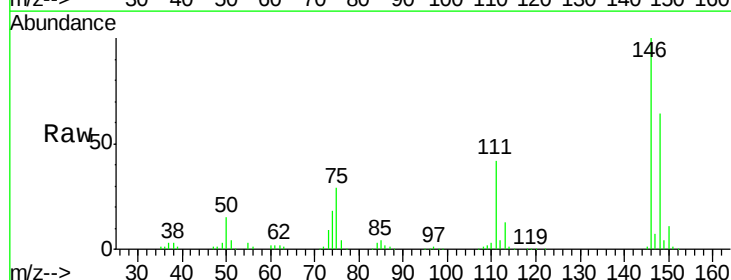
Tgt Ion:146 Resp: 264461

Ion Ratio Lower Upper

146 100

148 63.9 52.0 78.0

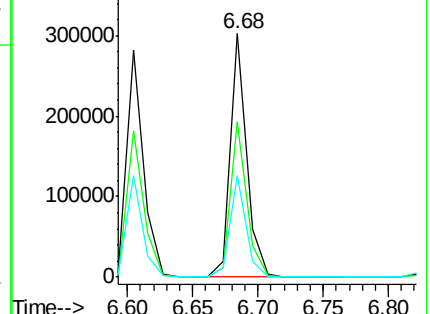
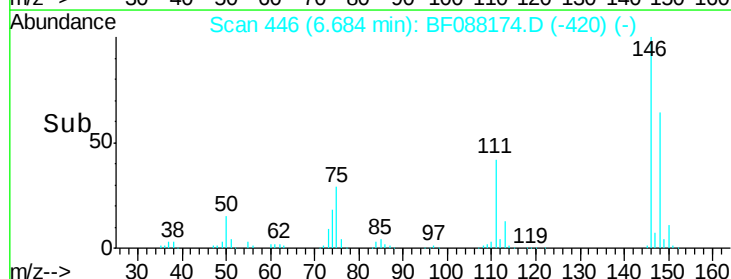
111 41.8 33.8 50.8

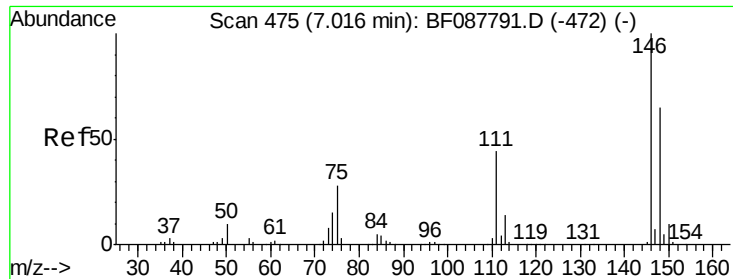


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 39.22 ng

RT: 6.84 min Scan# 460

Delta R.T. -0.00 min

Lab File: BF088174.D

Acq: 20 Jun 2016 16:02

Instrument :

BNA_F

ClientSampleId :

PB91373BS

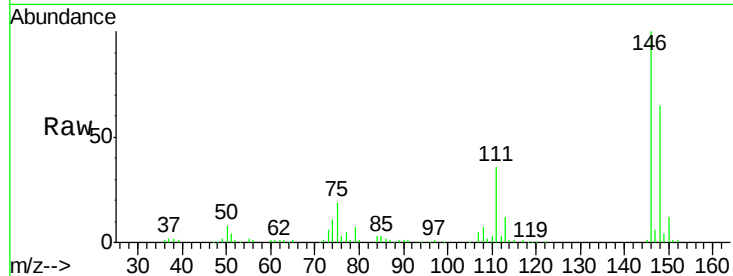
Tgt Ion:146 Resp: 228193

Ion Ratio Lower Upper

146 100

148 65.2 52.3 78.5

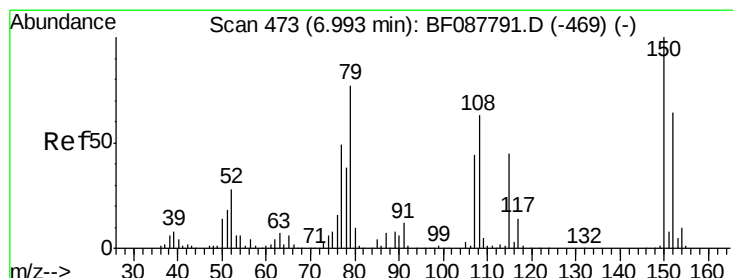
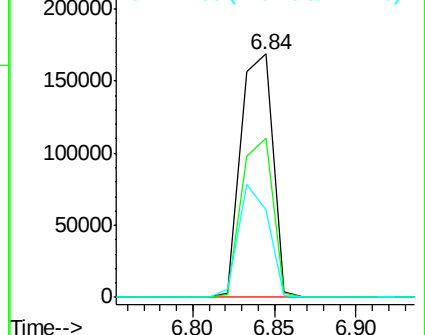
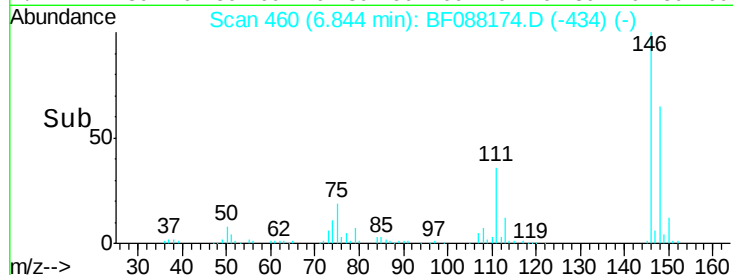
111 35.9 28.7 43.1



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: 35.86 ng

RT: 6.82 min Scan# 458

Delta R.T. -0.00 min

Lab File: BF088174.D

Acq: 20 Jun 2016 16:02

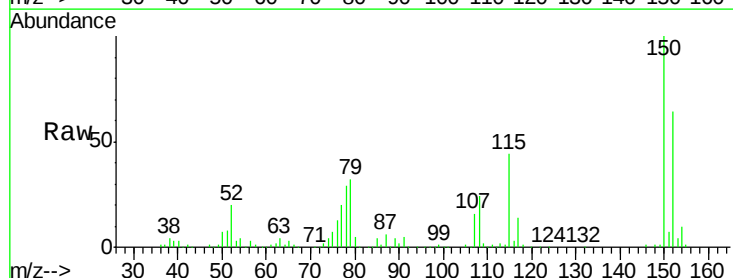
Tgt Ion: 79 Resp: 170058

Ion Ratio Lower Upper

79 100

108 74.8 65.0 97.6

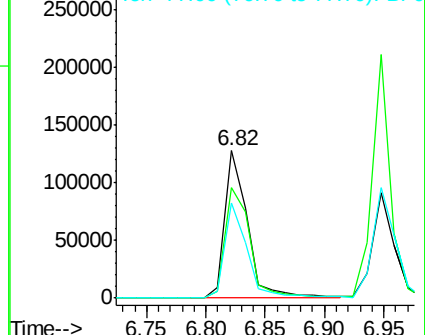
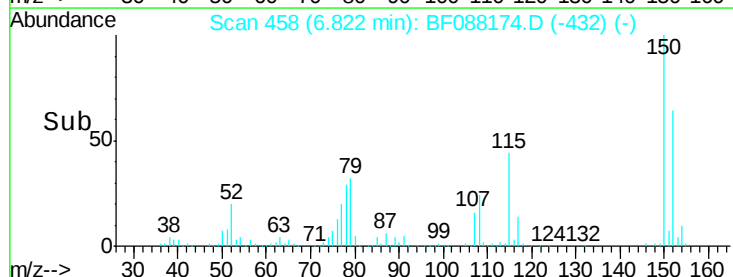
77 64.5 50.3 75.5

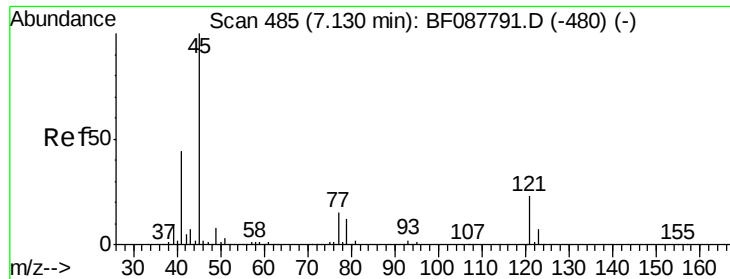


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

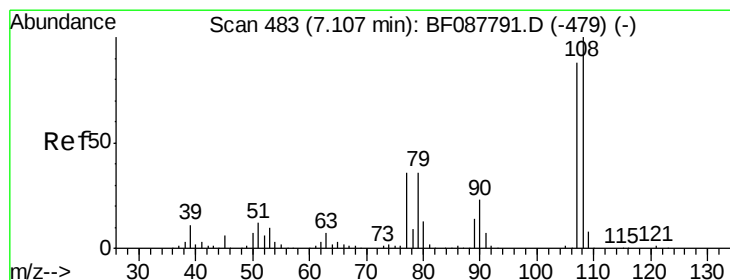
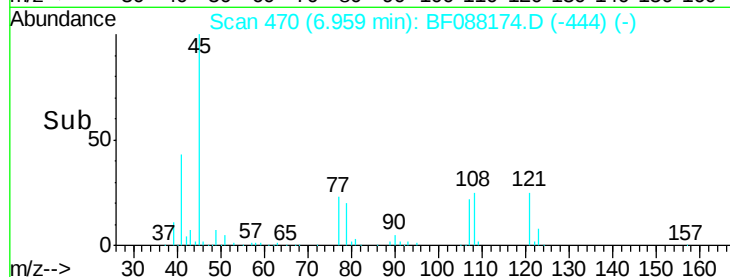
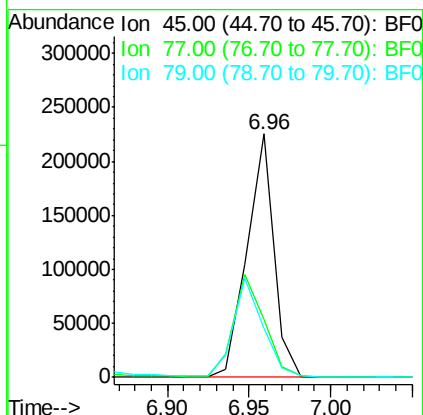
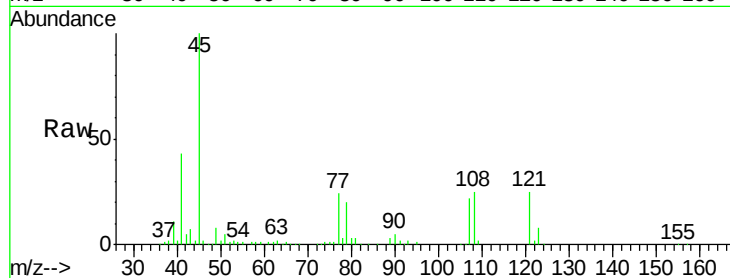




#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.90 ng
RT: 6.96 min Scan# 470
Delta R.T. -0.00 min
Lab File: BF088174.D
Acq: 20 Jun 2016 16:02

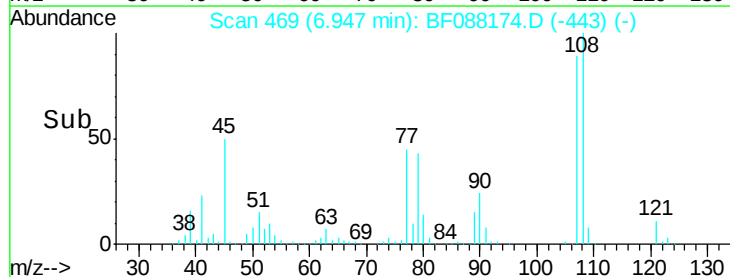
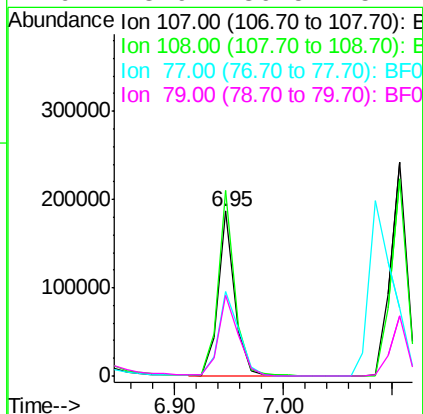
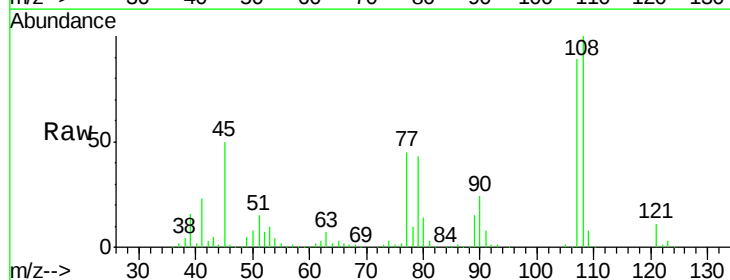
Instrument :
BNA_F
ClientSampleId :
PB91373BS

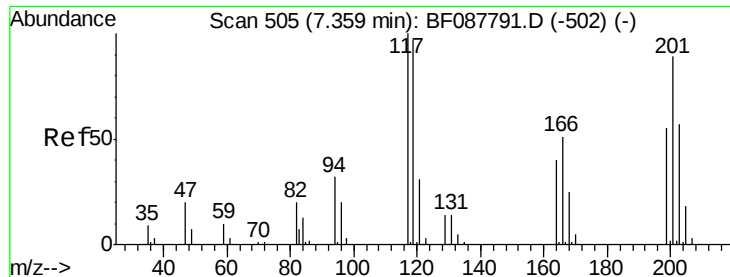
Tgt Ion: 45 Resp: 257810
Ion Ratio Lower Upper
45 100
77 24.0 0.0 32.5
79 20.4 0.0 29.5



#17
2-Methylphenol
Concen: 41.88 ng
RT: 6.95 min Scan# 469
Delta R.T. -0.00 min
Lab File: BF088174.D
Acq: 20 Jun 2016 16:02

Tgt Ion: 107 Resp: 201065
Ion Ratio Lower Upper
107 100
108 112.9 90.9 136.3
77 51.0 36.6 55.0
79 48.9 36.5 54.7

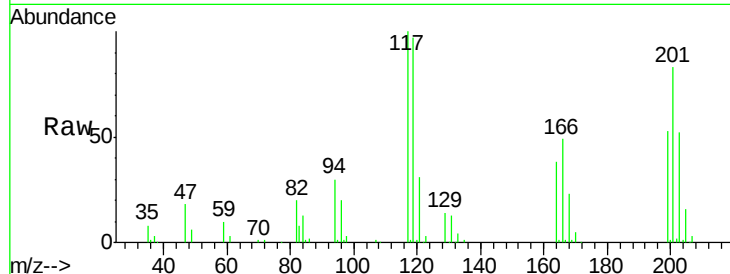




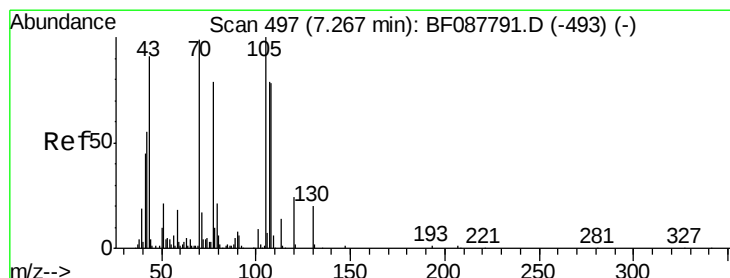
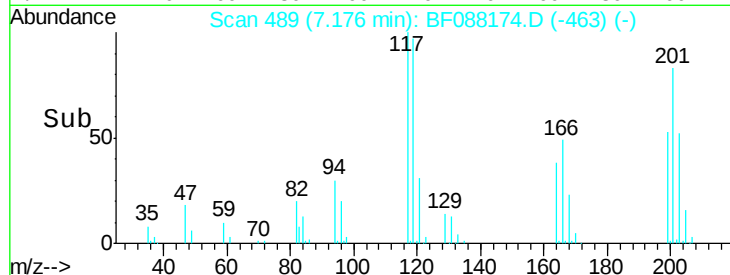
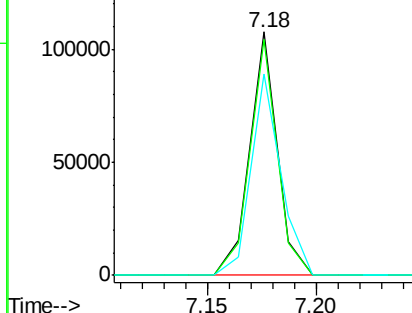
#18
Hexachloroethane
Concen: 41.63 ng
RT: 7.18 min Scan# 489
Delta R.T. -0.00 min
Lab File: BF088174.D
Acq: 20 Jun 2016 16:02

Instrument :
BNA_F
ClientSampled :
PB91373BS

Tgt Ion: 117 Resp: 94517
Ion Ratio Lower Upper
117 100
119 96.7 77.4 116.2
201 82.5 80.4 120.6



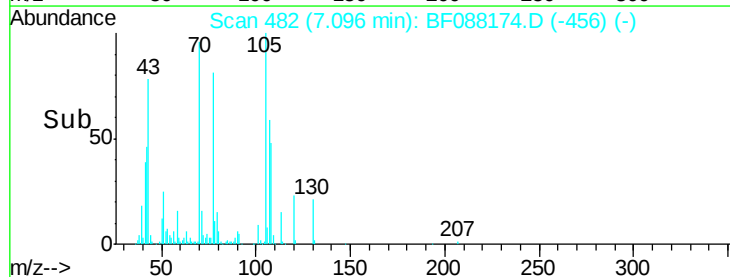
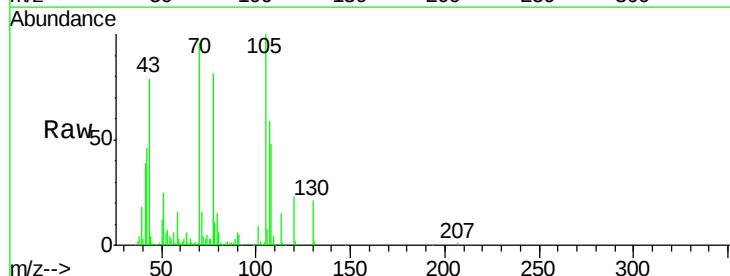
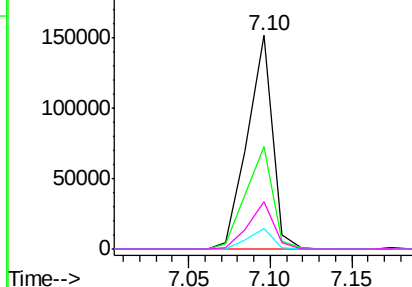
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

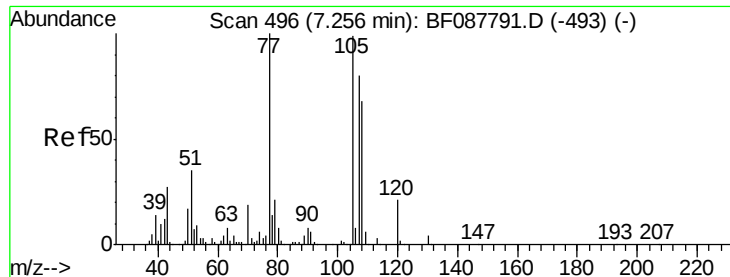


#19
n-Nitroso-di-n-propylamine
Concen: 41.87 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.00 min
Lab File: BF088174.D
Acq: 20 Jun 2016 16:02

Tgt Ion: 70 Resp: 162349
Ion Ratio Lower Upper
70 100
42 48.1 49.6 74.4#
101 9.8 7.1 10.7
130 22.2 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

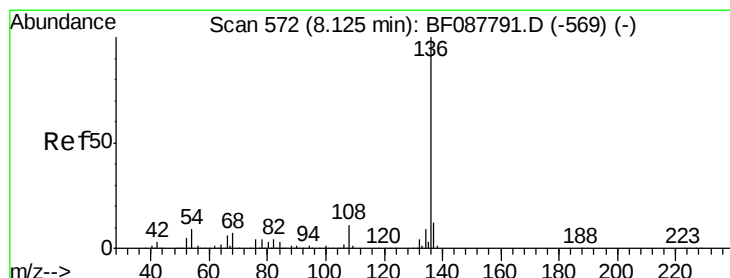
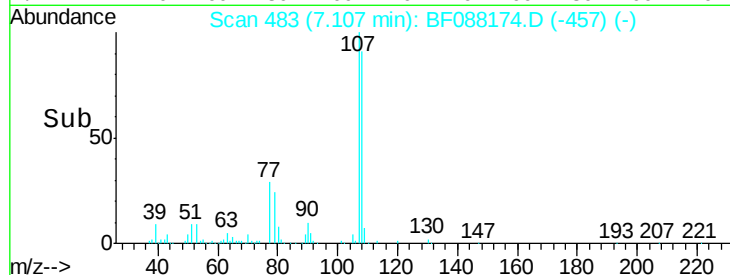
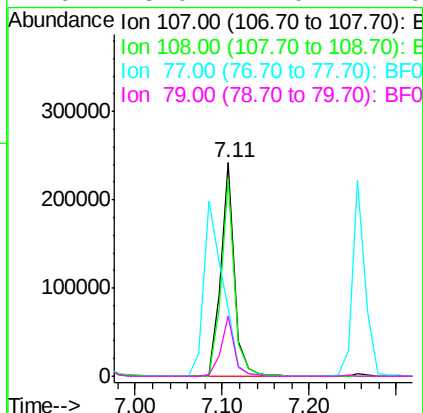
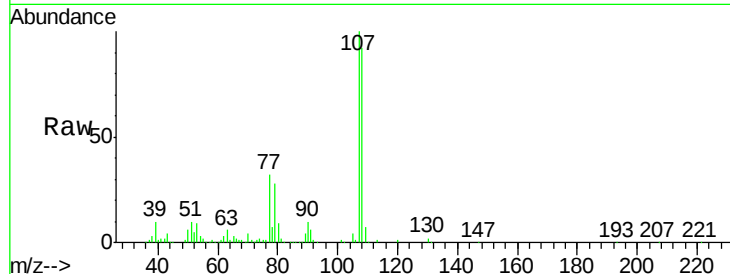




#20
3+4-Methylphenols
Concen: 48.15 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.00 min
Lab File: BF088174.D
Acq: 20 Jun 2016 16:02

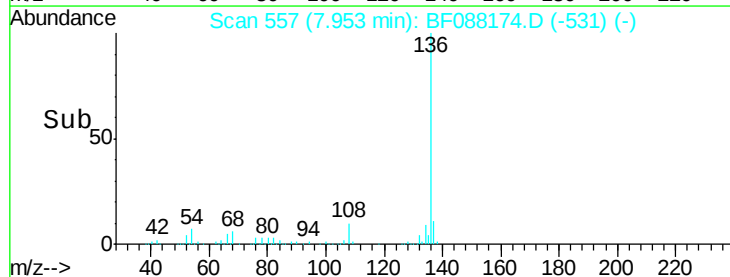
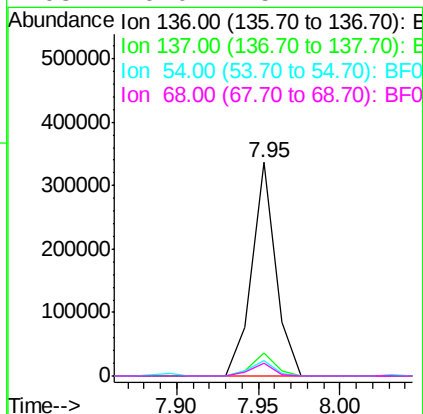
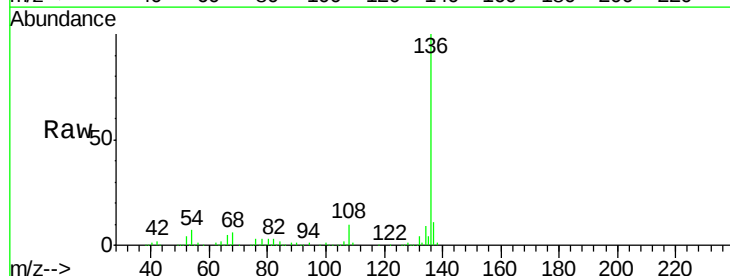
Instrument :
BNA_F
ClientSampleId :
PB91373BS

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.1	67.8	107.8
77	31.6	59.3	99.3#
79	28.0	7.0	47.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.00 min
Lab File: BF088174.D
Acq: 20 Jun 2016 16:02

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	7.3	6.6	10.0
68	6.0	5.1	7.7





#22

Acetophenone

Concen: 42.07 ng

RT: 7.08 min Scan# 481

Delta R.T. -0.00 min

Lab File: BF088174.D

Acq: 20 Jun 2016 16:02

Instrument :

BNA_F

ClientSampleId :

PB91373BS

Tgt Ion: 105 Resp: 322080

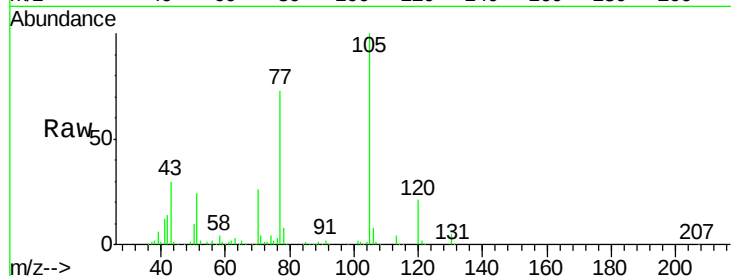
Ion Ratio Lower Upper

105 100

71 4.2 5.3 7.9#

51 23.8 18.2 27.4

120 21.4 18.0 27.0

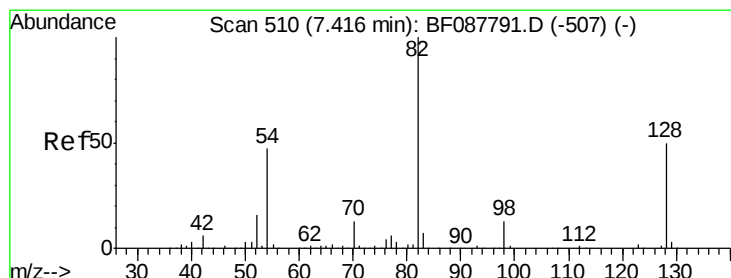
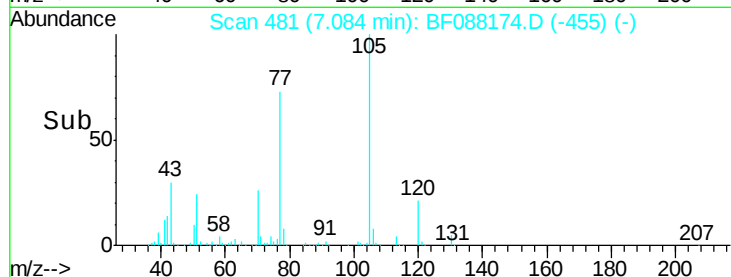
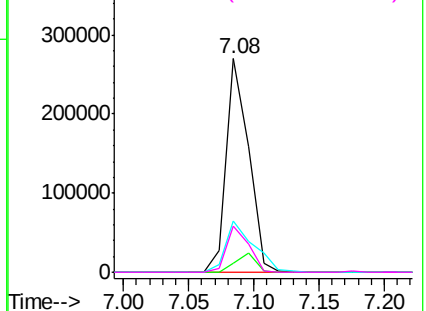


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 79.88 ng

RT: 7.24 min Scan# 495

Delta R.T. -0.00 min

Lab File: BF088174.D

Acq: 20 Jun 2016 16:02

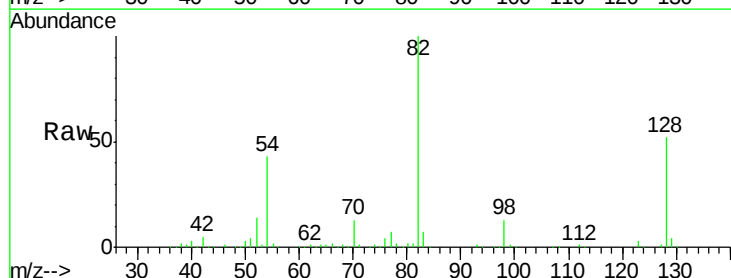
Tgt Ion: 82 Resp: 468569

Ion Ratio Lower Upper

82 100

128 51.9 35.9 53.9

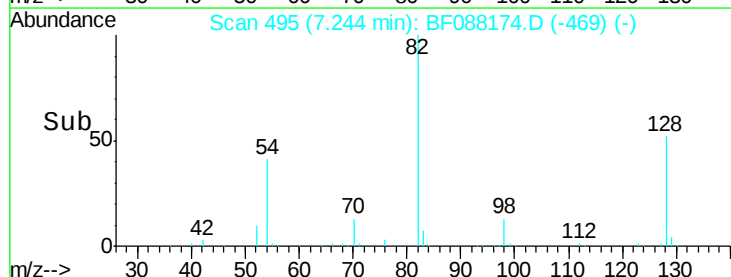
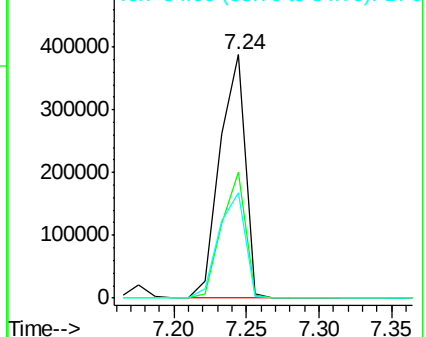
54 43.3 40.9 61.3

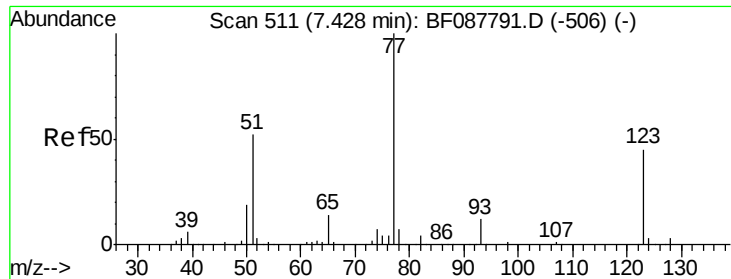


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

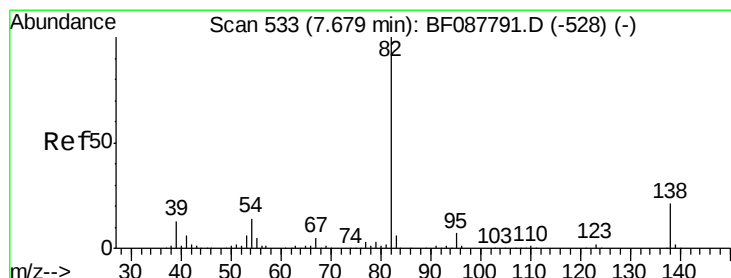
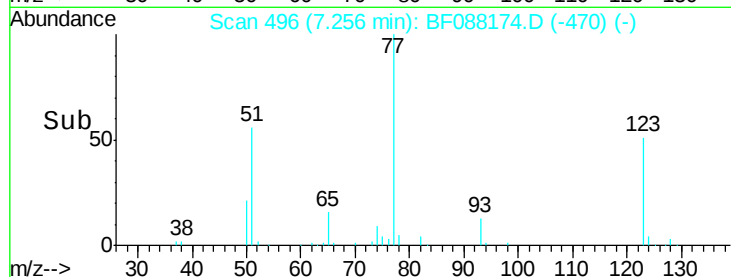
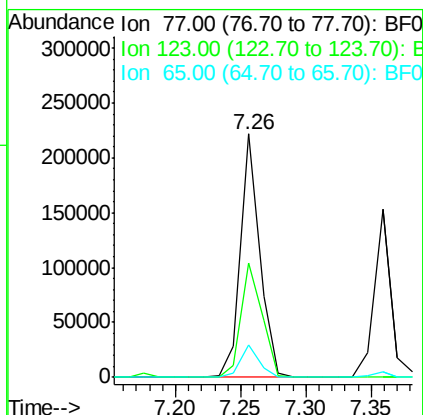
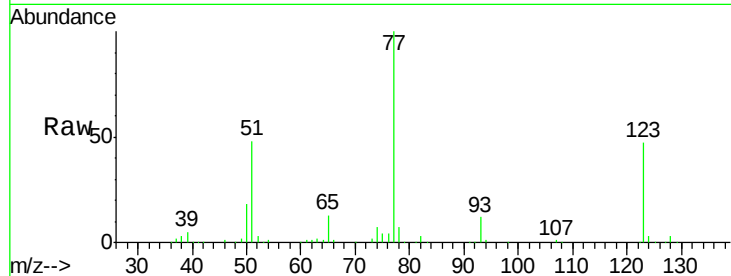




#24
Nitrobenzene
Concen: 39.97 ng
RT: 7.26 min Scan# 496
Delta R.T. -0.00 min
Lab File: BF088174.D
Acq: 20 Jun 2016 16:02

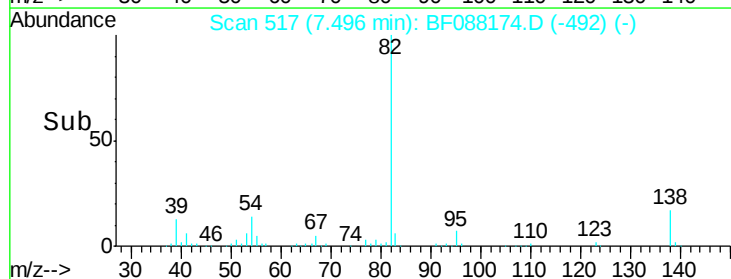
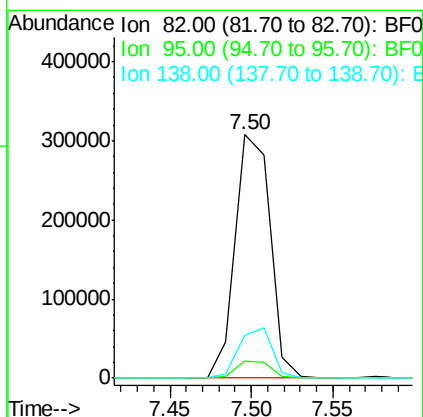
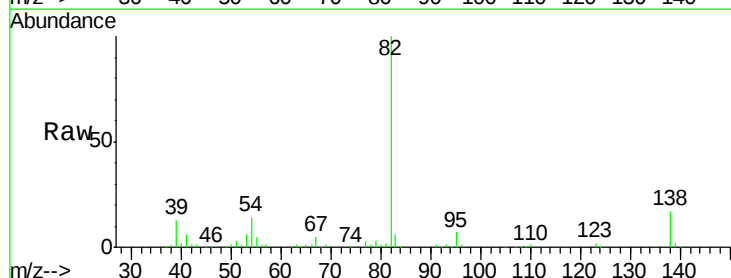
Instrument :
BNA_F
ClientSampleId :
PB91373BS

Tgt Ion: 77 Resp: 227152
Ion Ratio Lower Upper
77 100
123 46.8 45.0 67.4
65 13.1 10.2 15.2



#25
Isophorone
Concen: 42.00 ng
RT: 7.50 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF088174.D
Acq: 20 Jun 2016 16:02

Tgt Ion: 82 Resp: 456325
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.2
138 17.3 14.6 21.8

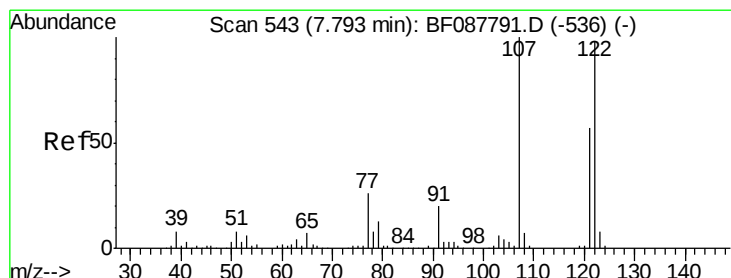
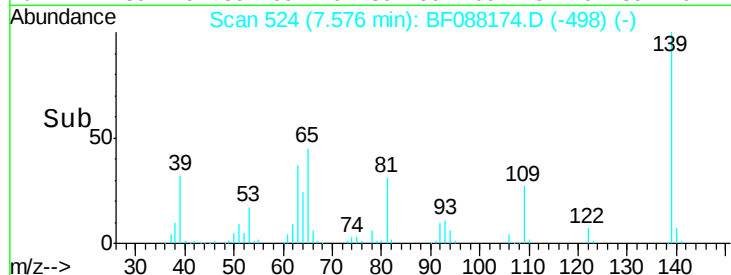
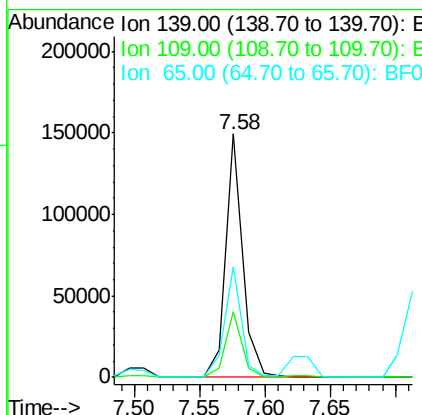
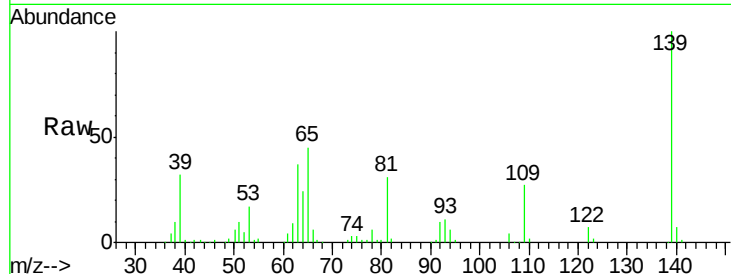




#26
2-Nitrophenol
Concen: 44.73 ng
RT: 7.58 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF088174.D
Acq: 20 Jun 2016 16:02

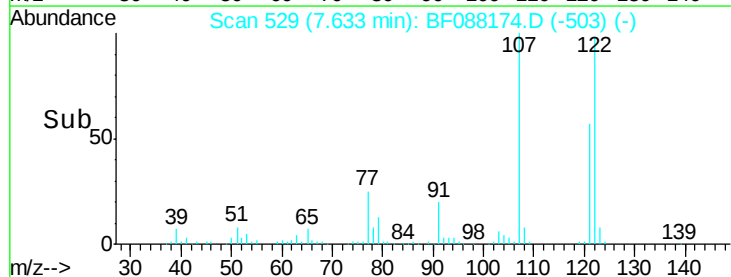
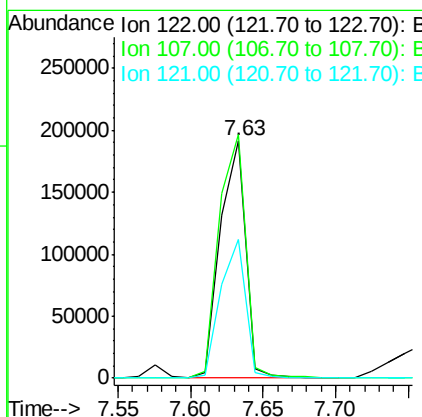
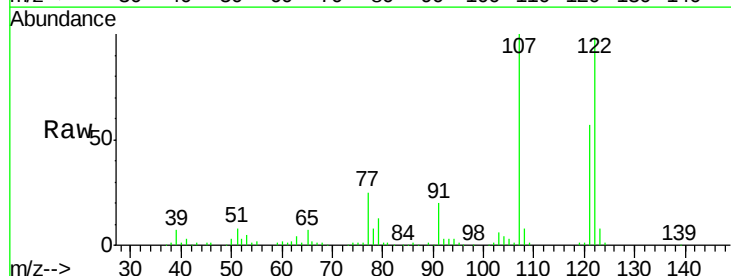
Instrument :
BNA_F
ClientSampleId :
PB91373BS

Tgt Ion	Ratio	Lower	Upper
139	100		
109	26.8	23.0	34.4
65	45.2	45.8	68.8#



#27
2,4-Dimethylphenol
Concen: 41.87 ng
RT: 7.63 min Scan# 529
Delta R.T. -0.00 min
Lab File: BF088174.D
Acq: 20 Jun 2016 16:02

Tgt Ion	Ratio	Lower	Upper
122	100		
107	102.4	82.4	123.6
121	58.2	46.3	69.5

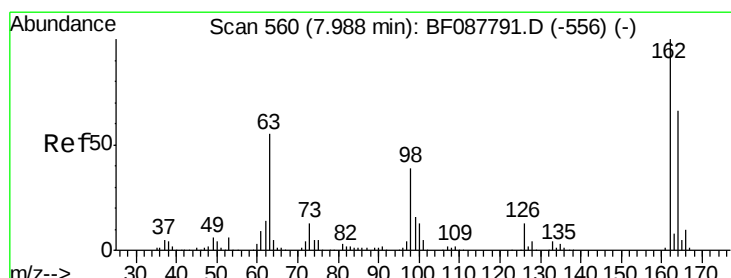
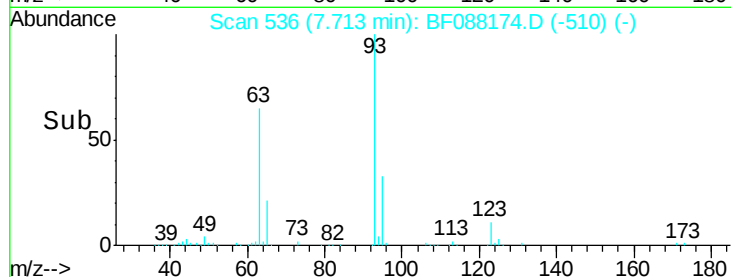
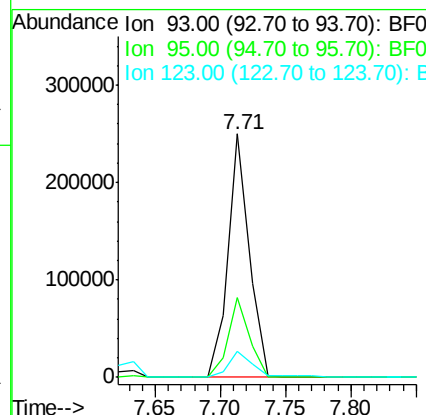
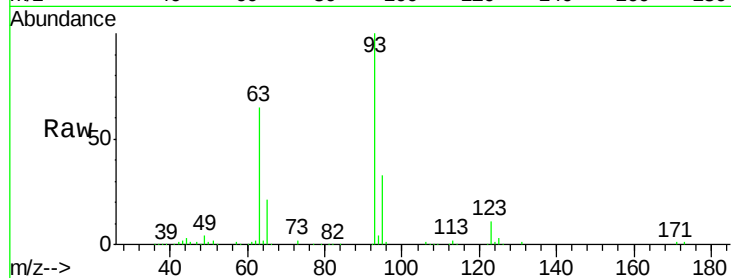




#28
 bis(2-Chloroethoxy)methane
 Concen: 42.10 ng
 RT: 7.71 min Scan# 536
 Delta R.T. -0.00 min
 Lab File: BF088174.D
 Acq: 20 Jun 2016 16:02

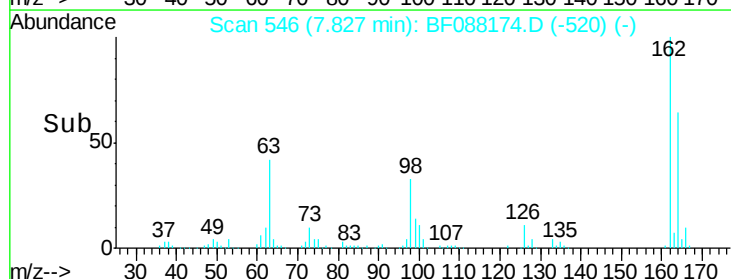
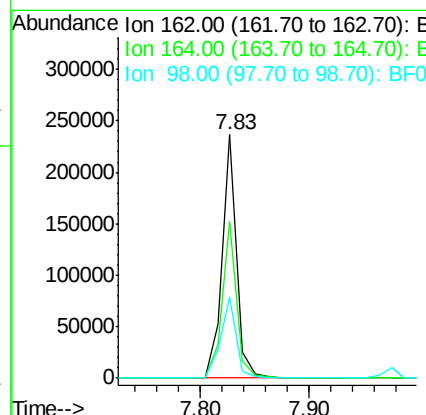
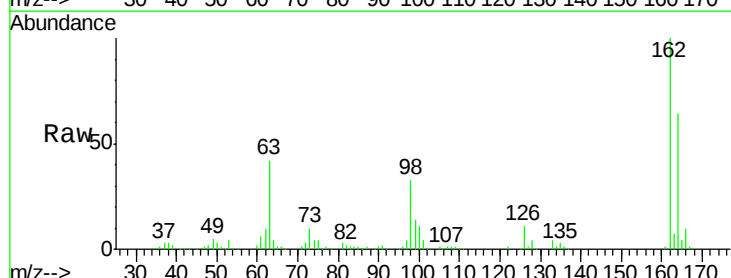
Instrument :
 BNA_F
 ClientSampleId :
 PB91373BS

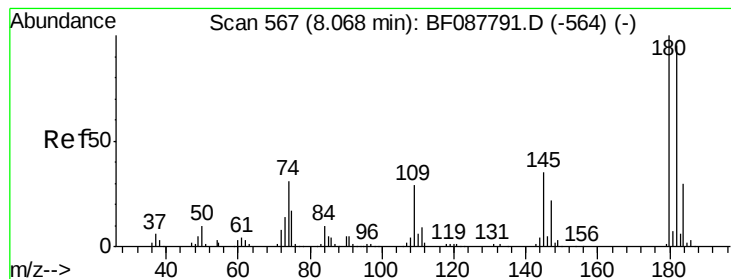
Tgt Ion: 93 Resp: 283702
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.5 39.7
 123 10.7 11.6 17.4#



#29
 2,4-Dichlorophenol
 Concen: 47.32 ng
 RT: 7.83 min Scan# 546
 Delta R.T. -0.00 min
 Lab File: BF088174.D
 Acq: 20 Jun 2016 16:02

Tgt Ion: 162 Resp: 221429
 Ion Ratio Lower Upper
 162 100
 164 64.3 43.8 83.8
 98 33.5 21.3 61.3





#30

1,2,4-Trichlorobenzene

Concen: 41.10 ng

RT: 7.90 min Scan# 552

Delta R.T. -0.00 min

Lab File: BF088174.D

Acq: 20 Jun 2016 16:02

Instrument :

BNA_F

ClientSampleId :

PB91373BS

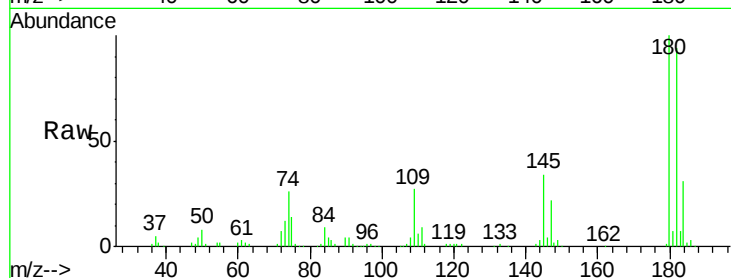
Tgt Ion:180 Resp: 209422

Ion Ratio Lower Upper

180 100

182 94.1 76.0 114.0

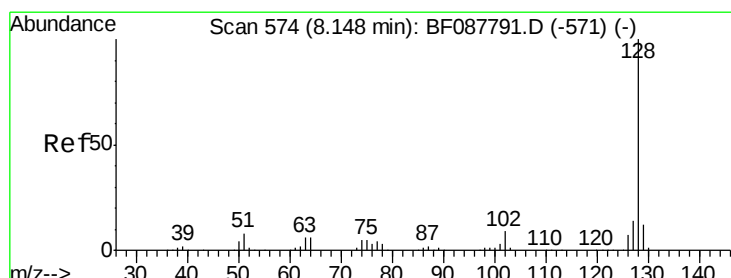
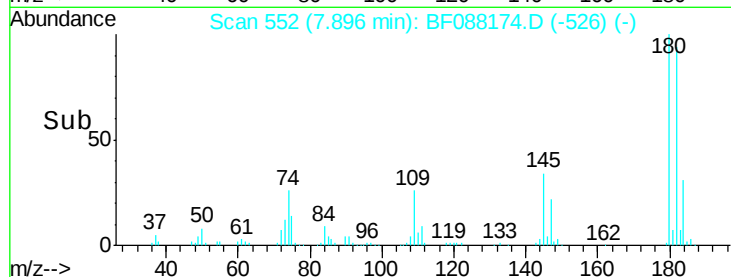
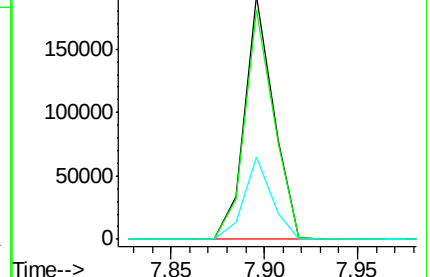
145 34.1 26.5 39.7



Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E



#31

Naphthalene

Concen: 42.80 ng

RT: 7.98 min Scan# 559

Delta R.T. -0.00 min

Lab File: BF088174.D

Acq: 20 Jun 2016 16:02

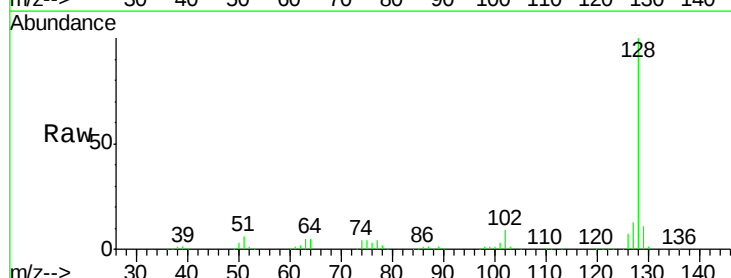
Tgt Ion:128 Resp: 725620

Ion Ratio Lower Upper

128 100

129 11.4 9.4 14.2

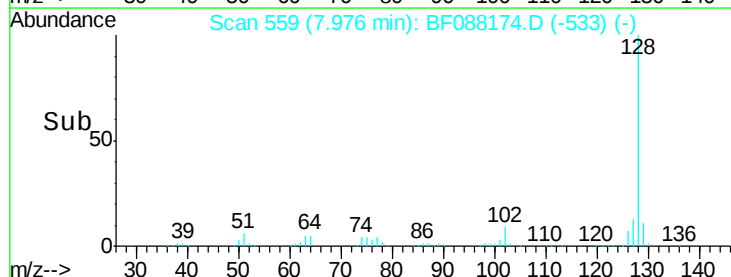
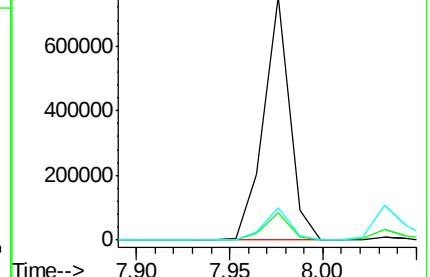
127 13.2 10.9 16.3

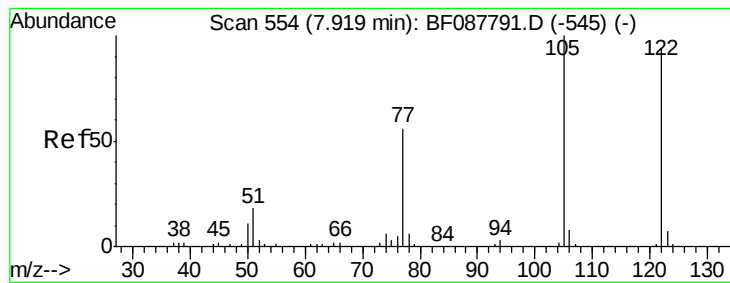


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 22.44 ng

RT: 7.76 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF088174.D

Acq: 20 Jun 2016 16:02

Instrument :

BNA_F

ClientSampleId :

PB91373BS

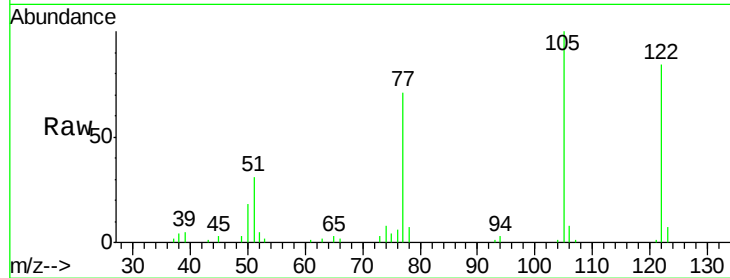
Tgt Ion:122 Resp: 69252

Ion Ratio Lower Upper

122 100

105 119.0 101.6 141.6

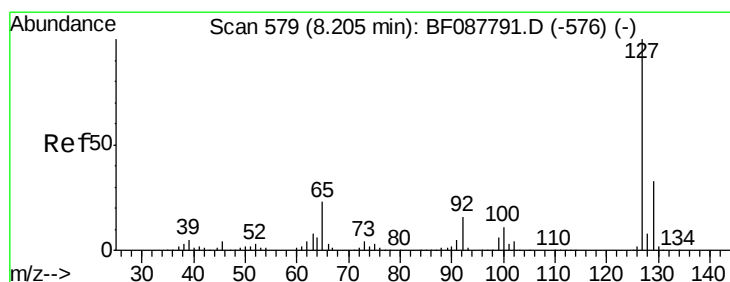
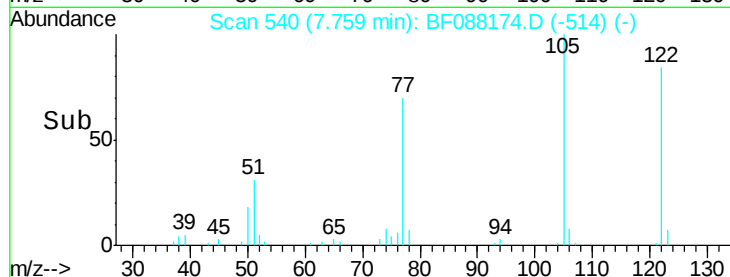
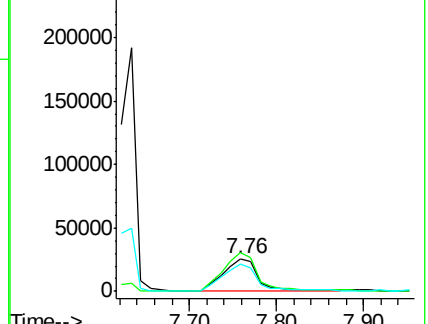
77 84.8 70.6 110.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 18.28 ng

RT: 8.03 min Scan# 564

Delta R.T. -0.00 min

Lab File: BF088174.D

Acq: 20 Jun 2016 16:02

Tgt Ion:127 Resp: 138343

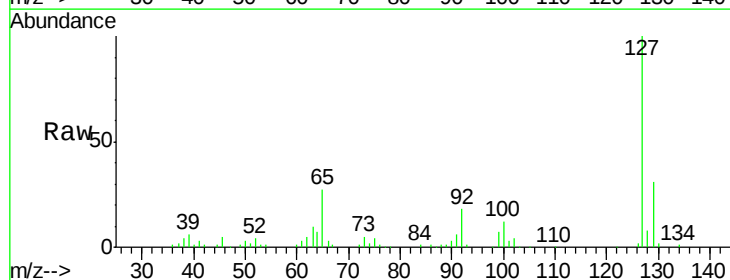
Ion Ratio Lower Upper

127 100

129 31.5 26.3 39.5

65 27.5 24.7 37.1

92 18.2 15.4 23.0

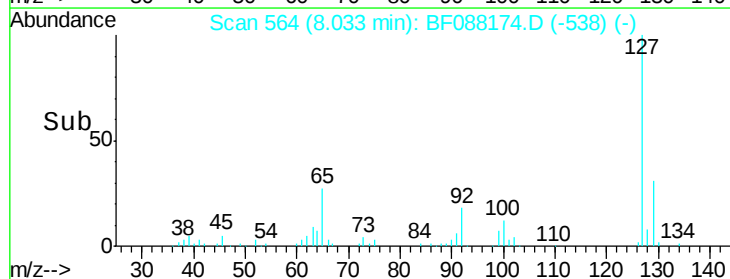
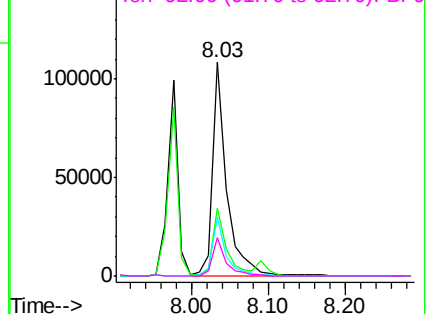


Abundance Ion 127.00 (126.70 to 127.70): E

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: 41.09 ng

RT: 8.09 min Scan# 569

Delta R.T. -0.01 min

Lab File: BF088174.D

Acq: 20 Jun 2016 16:02

Instrument :

BNA_F

ClientSampled :

PB91373BS

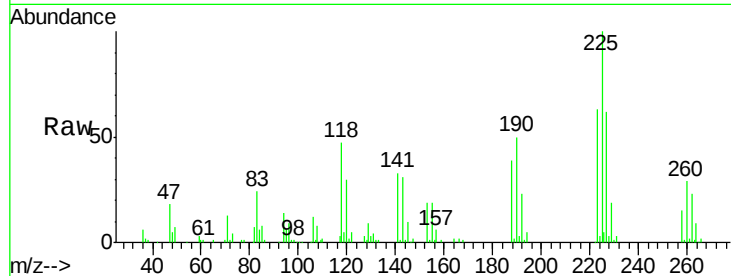
Tgt Ion:225 Resp: 110411

Ion Ratio Lower Upper

225 100

223 63.5 50.9 76.3

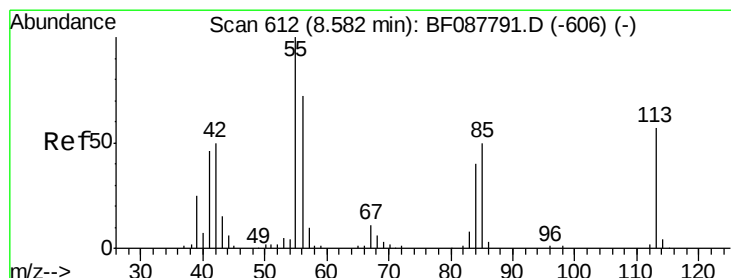
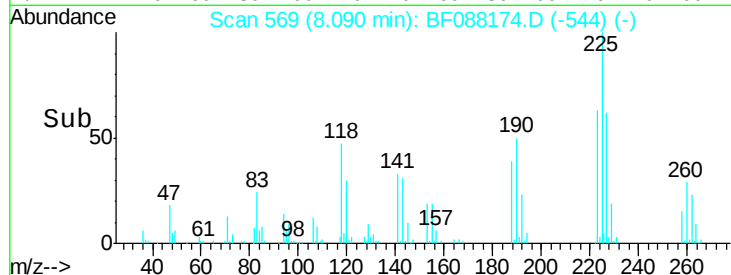
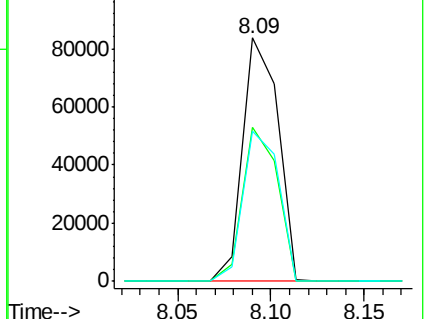
227 61.7 51.9 77.9



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: 27.89 ng

RT: 8.41 min Scan# 597

Delta R.T. -0.00 min

Lab File: BF088174.D

Acq: 20 Jun 2016 16:02

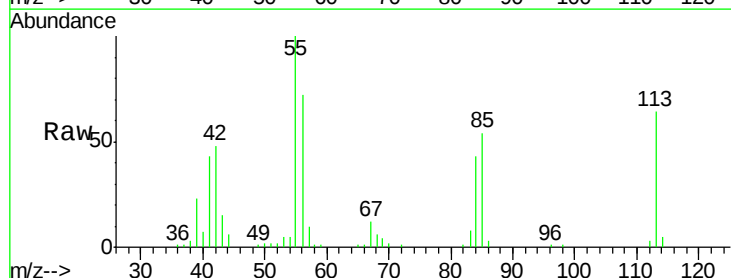
Tgt Ion:113 Resp: 43231

Ion Ratio Lower Upper

113 100

55 157.0 158.6 198.6#

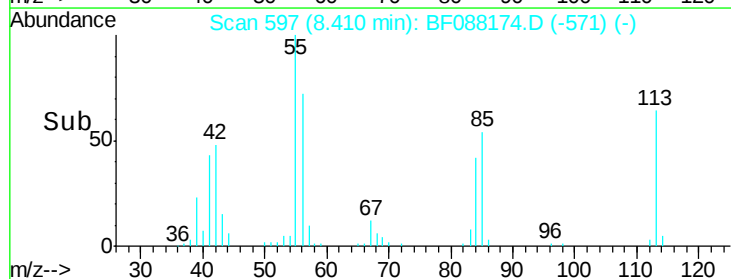
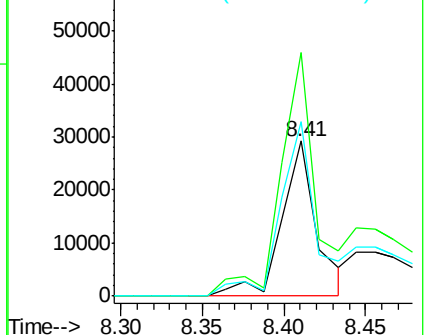
56 112.4 110.6 150.6

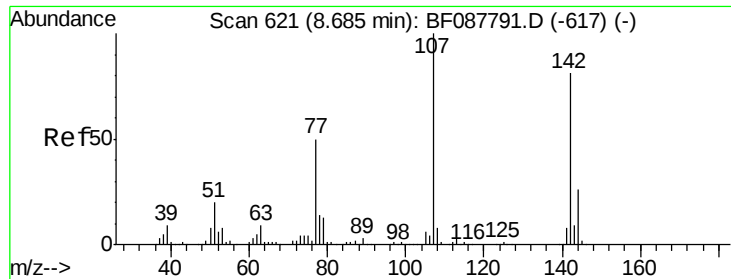


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

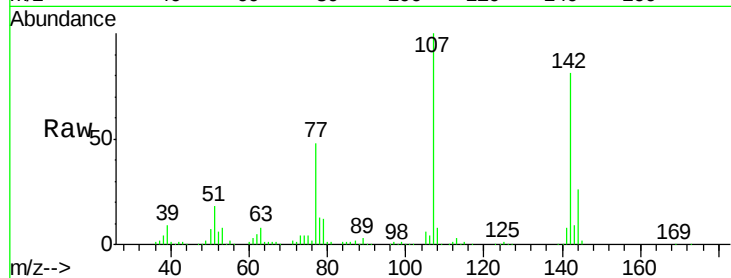




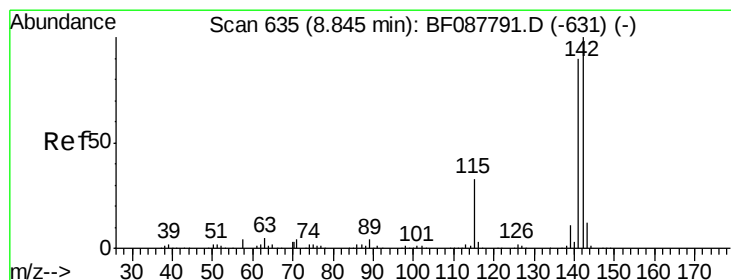
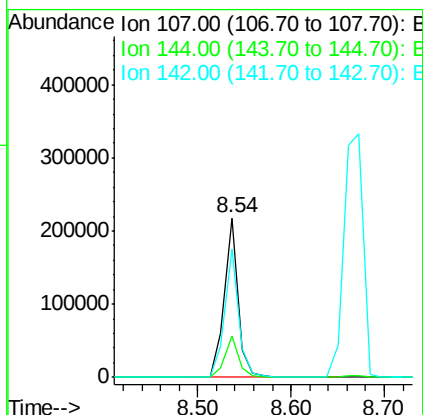
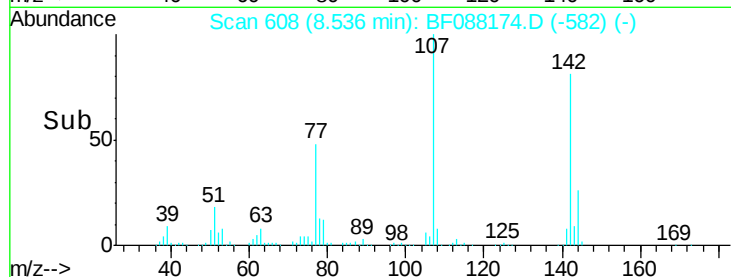
#36
 4-Chloro-3-methylphenol
 Concen: 44.59 ng
 RT: 8.54 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF088174.D
 Acq: 20 Jun 2016 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB91373BS

Tgt Ion:107 Resp: 223162
 Ion Ratio Lower Upper
 107 100
 144 26.2 20.8 31.2
 142 81.1 63.4 95.2

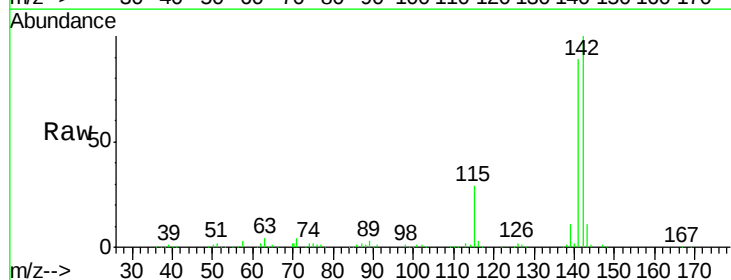


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

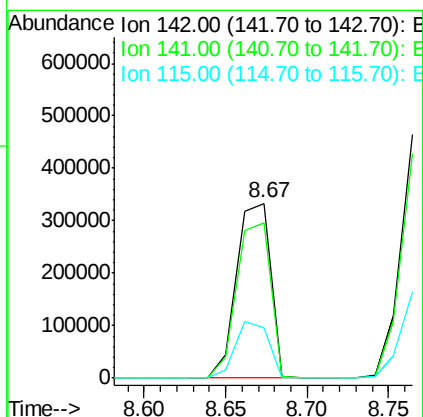
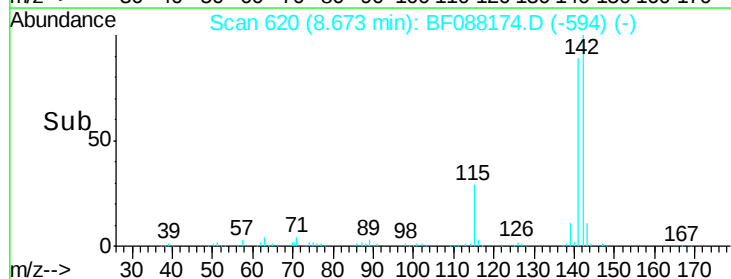


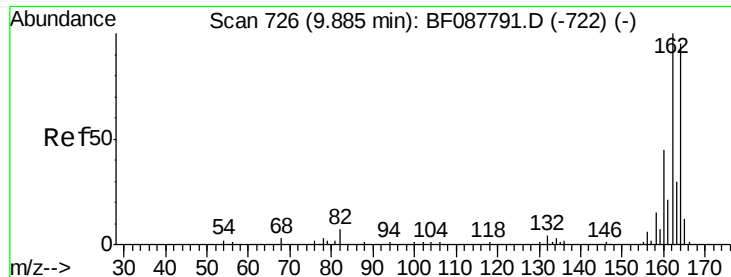
#37
 2-Methylnaphthalene
 Concen: 42.99 ng
 RT: 8.67 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF088174.D
 Acq: 20 Jun 2016 16:02

Tgt Ion:142 Resp: 480383
 Ion Ratio Lower Upper
 142 100
 141 89.1 71.0 106.6
 115 28.8 22.6 33.8



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.70 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF088174.D

Acq: 20 Jun 2016 16:02

Instrument :

BNA_F

ClientSampleId :

PB91373BS

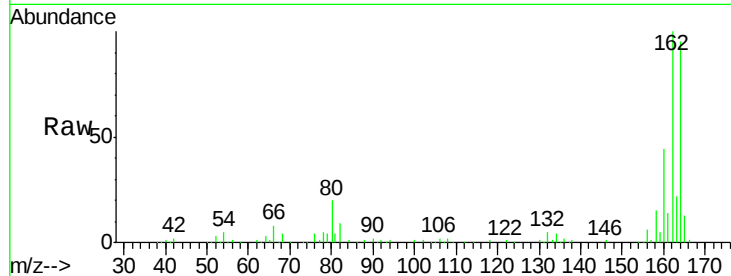
Tgt Ion:164 Resp: 167870

Ion Ratio Lower Upper

164 100

162 104.7 85.4 128.2

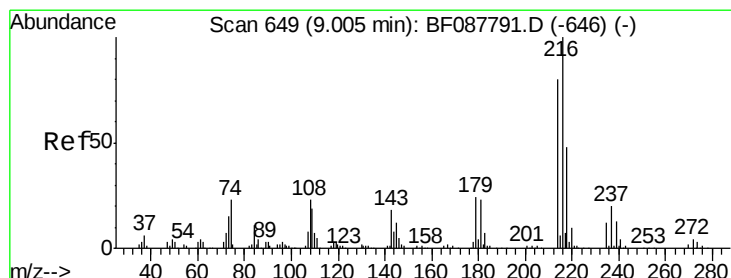
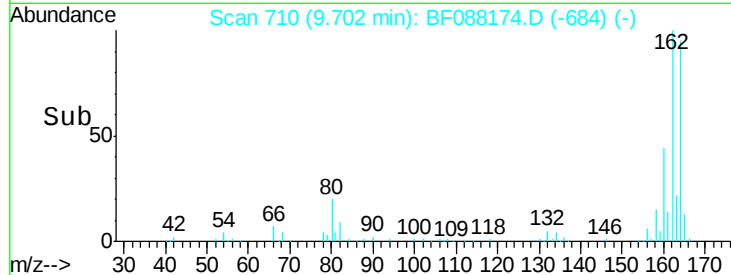
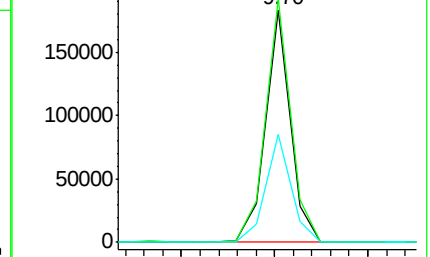
160 46.4 39.5 59.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.24 ng

RT: 8.83 min Scan# 634

Delta R.T. -0.00 min

Lab File: BF088174.D

Acq: 20 Jun 2016 16:02

Tgt Ion:216 Resp: 200155

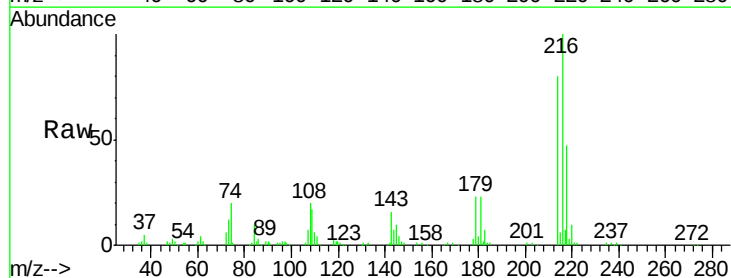
Ion Ratio Lower Upper

216 100

214 79.8 2.9 4.3#

179 22.6 0.0 0.0#

108 21.6 0.5 0.7#

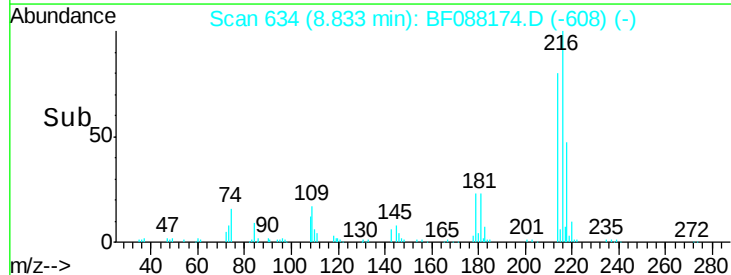
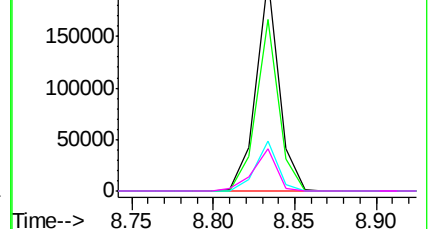


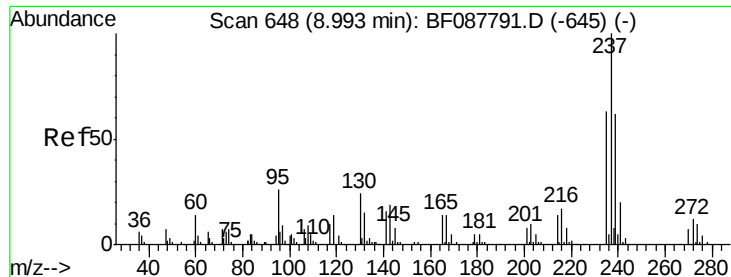
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

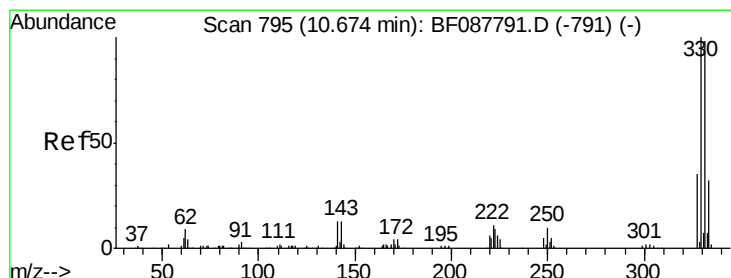
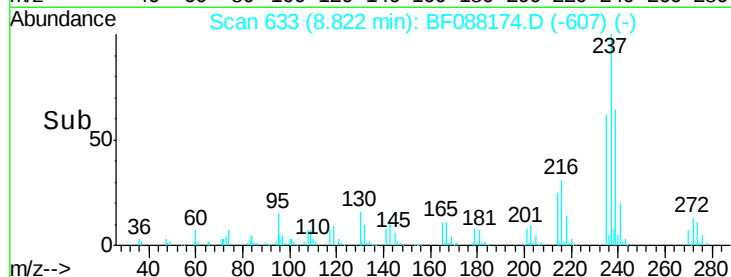
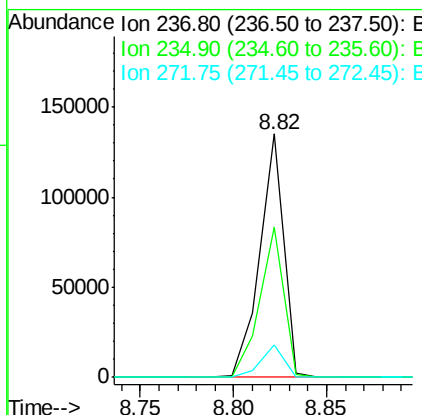
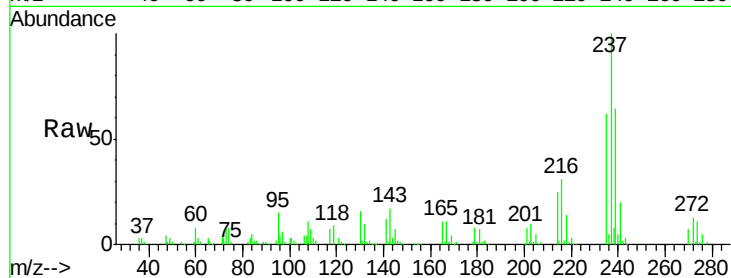




#40
Hexachlorocyclopentadiene
Concen: 44.09 ng
RT: 8.82 min Scan# 633
Delta R.T. -0.00 min
Lab File: BF088174.D
Acq: 20 Jun 2016 16:02

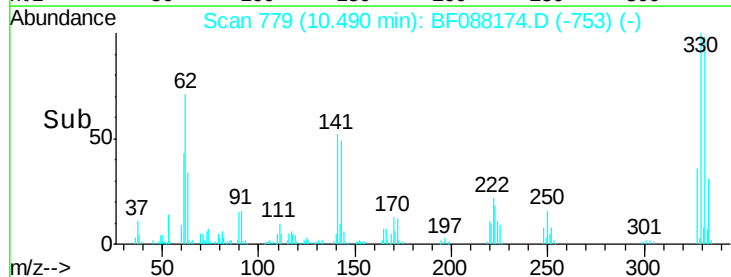
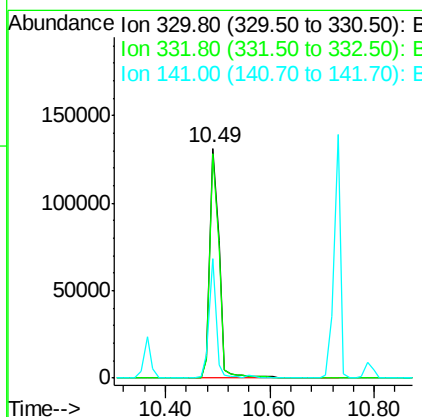
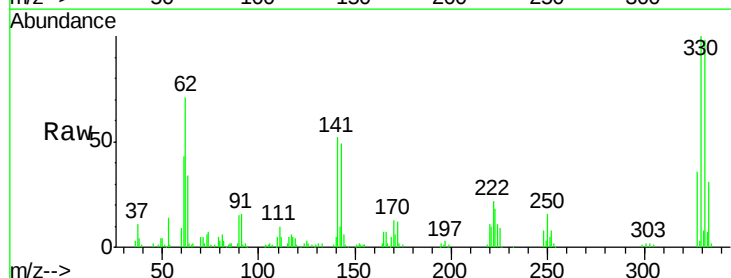
Instrument :
BNA_F
ClientSampleId :
PB91373BS

Tgt Ion: 237 Resp: 119381
Ion Ratio Lower Upper
237 100
235 61.8 43.4 83.4
272 13.4 0.0 32.3



#41
2,4,6-Tribromophenol
Concen: 92.92 ng
RT: 10.49 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF088174.D
Acq: 20 Jun 2016 16:02

Tgt Ion: 330 Resp: 164704
Ion Ratio Lower Upper
330 100
332 96.5 0.0 0.0#
141 38.8 0.0 0.0#

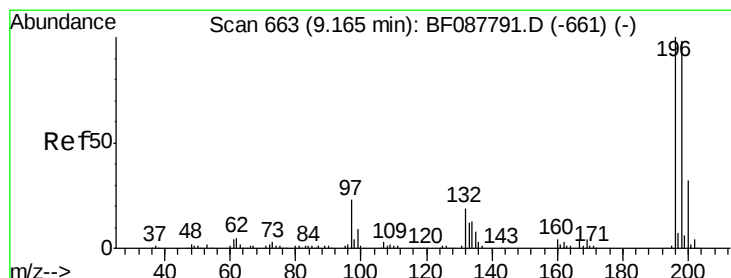
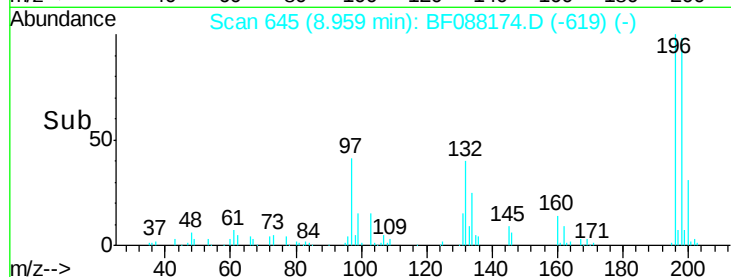
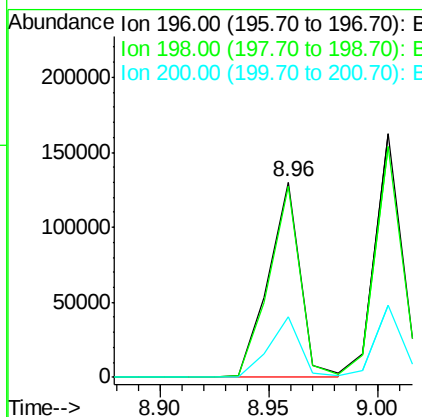
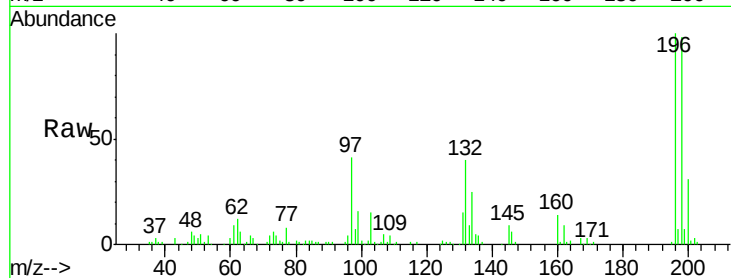




#42
 2,4,6-Trichlorophenol
 Concen: 39.90 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.00 min
 Lab File: BF088174.D
 Acq: 20 Jun 2016 16:02

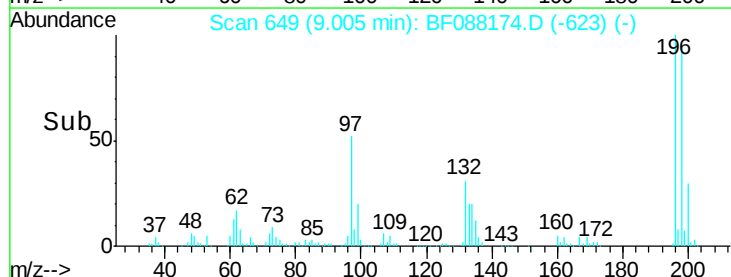
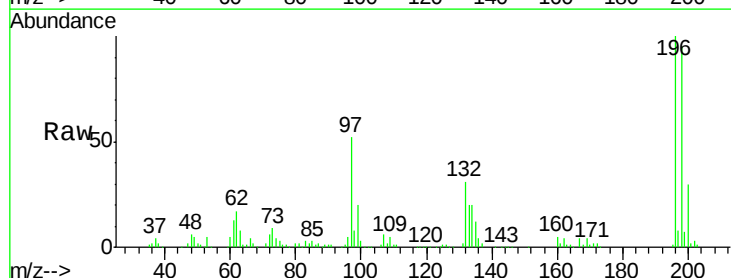
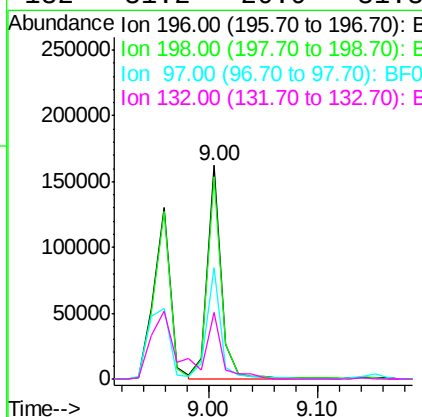
Instrument :
 BNA_F
 ClientSampleId :
 PB91373BS

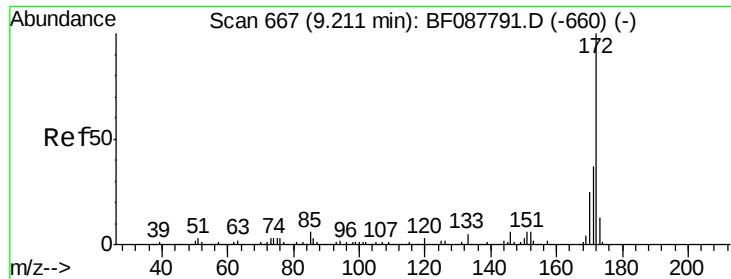
Tgt Ion:196 Resp: 133933
 Ion Ratio Lower Upper
 196 100
 198 98.0 78.0 117.0
 200 31.1 25.4 38.2



#43
 2,4,5-Trichlorophenol
 Concen: 41.65 ng
 RT: 9.00 min Scan# 649
 Delta R.T. -0.00 min
 Lab File: BF088174.D
 Acq: 20 Jun 2016 16:02

Tgt Ion:196 Resp: 145473
 Ion Ratio Lower Upper
 196 100
 198 94.6 77.5 116.3
 97 52.1 32.0 48.0#
 132 31.2 20.9 31.3





#44

2-Fluorobiphenyl

Concen: 88.62 ng

RT: 9.04 min Scan# 652

Delta R.T. -0.00 min

Lab File: BF088174.D

Acq: 20 Jun 2016 16:02

Instrument :

BNA_F

ClientSampleId :

PB91373BS

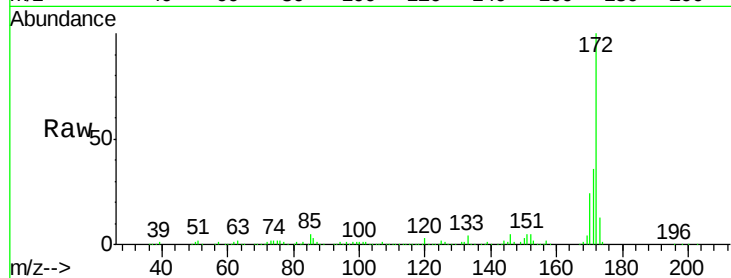
Tgt Ion:172 Resp: 944433

Ion Ratio Lower Upper

172 100

171 35.9 28.6 43.0

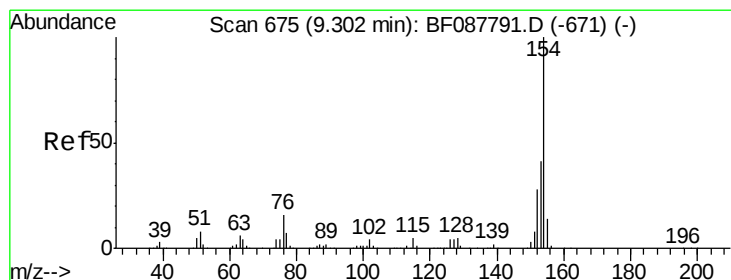
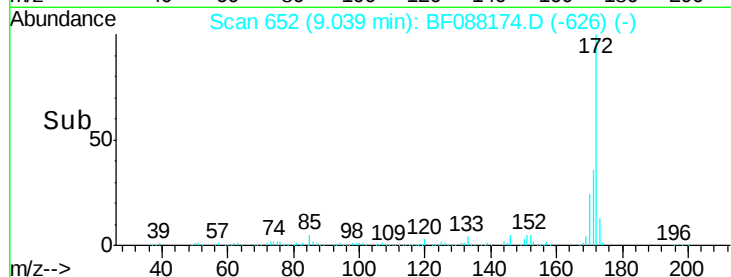
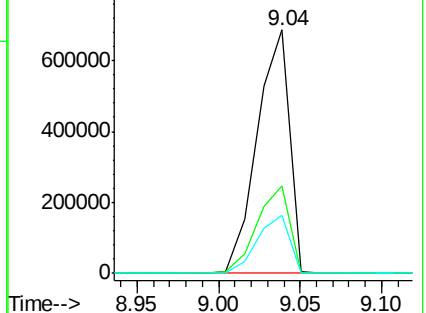
170 23.8 19.2 28.8



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: 44.88 ng

RT: 9.13 min Scan# 660

Delta R.T. -0.00 min

Lab File: BF088174.D

Acq: 20 Jun 2016 16:02

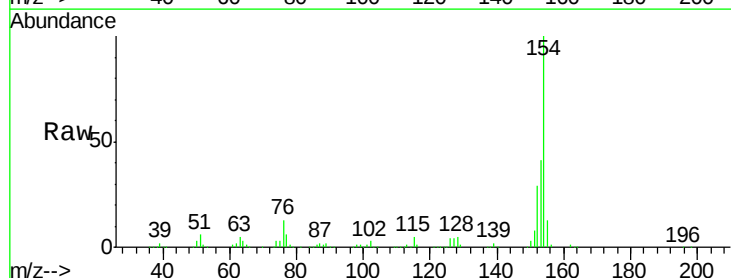
Tgt Ion:154 Resp: 565765

Ion Ratio Lower Upper

154 100

153 40.9 20.6 60.6

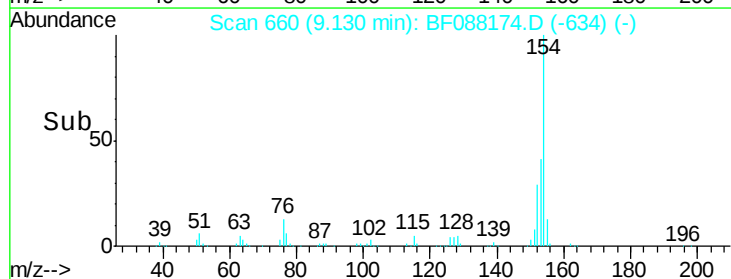
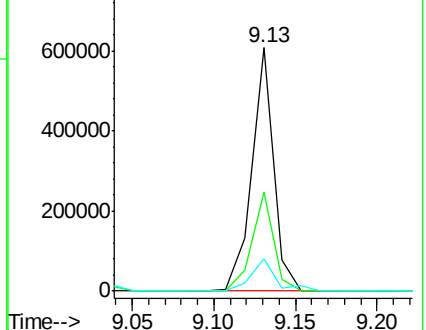
76 13.3 0.0 35.1

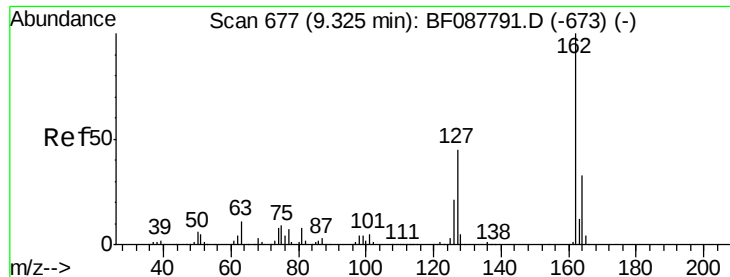


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

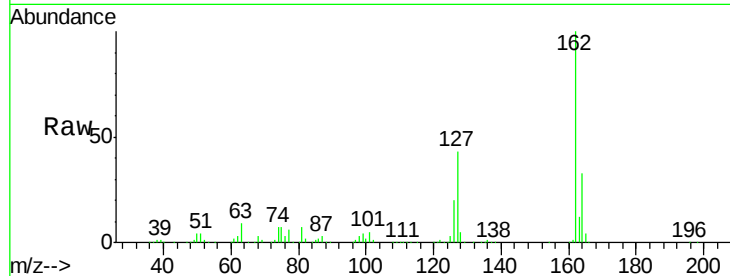




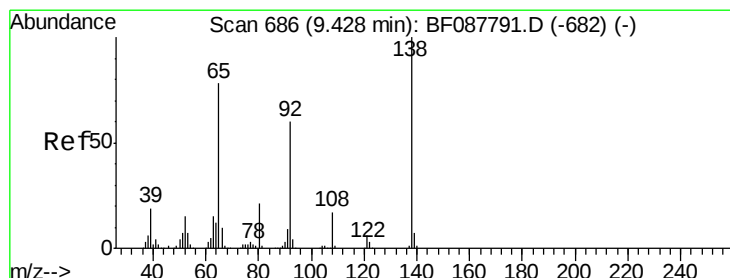
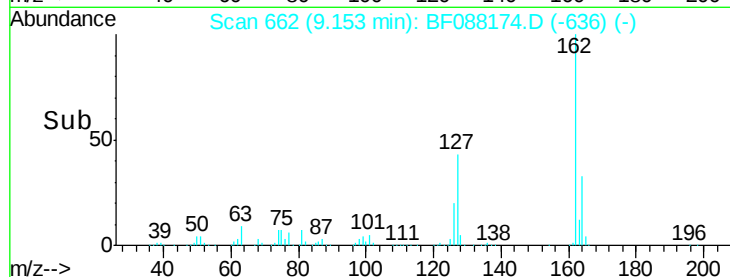
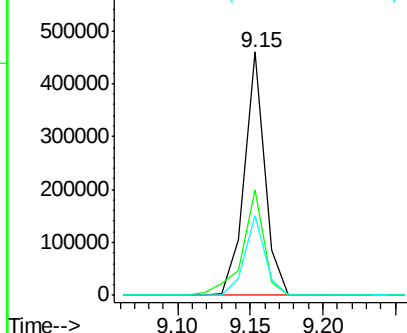
#46
2-Chloronaphthalene
Concen: 41.38 ng
RT: 9.15 min Scan# 662
Delta R.T. -0.00 min
Lab File: BF088174.D
Acq: 20 Jun 2016 16:02

Instrument :
BNA_F
ClientSampleId :
PB91373BS

Tgt Ion: 162 Resp: 449460
Ion Ratio Lower Upper
162 100
127 43.1 35.2 52.8
164 33.0 26.6 39.8

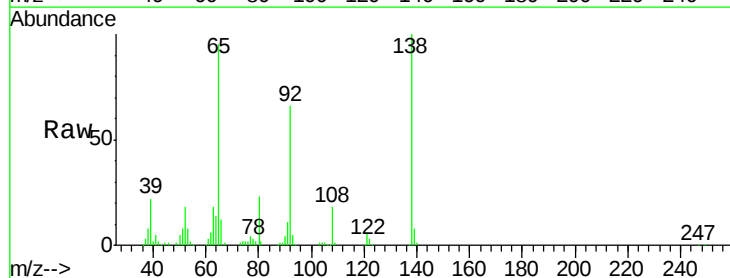


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

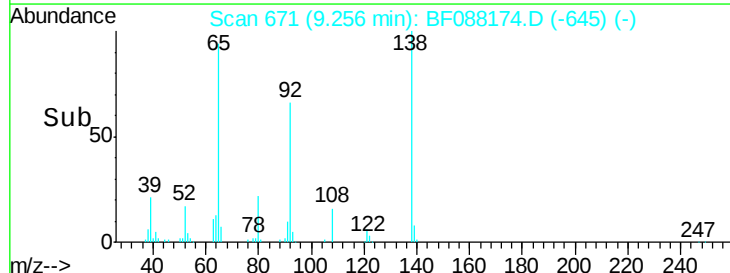
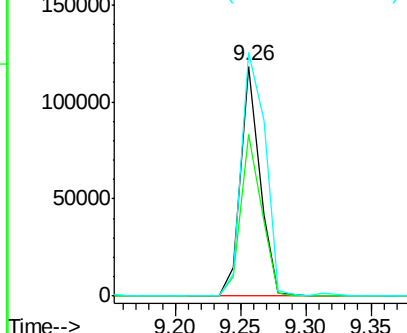


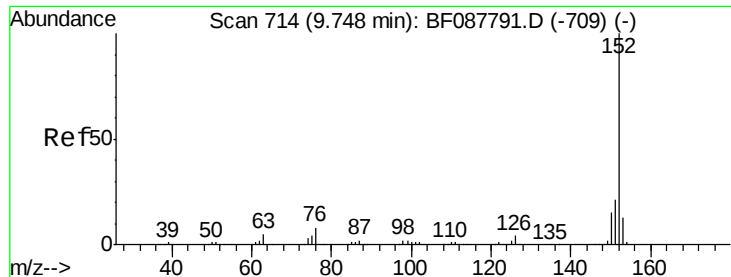
#47
2-Nitroaniline
Concen: 38.21 ng
RT: 9.26 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF088174.D
Acq: 20 Jun 2016 16:02

Tgt Ion: 65 Resp: 122438
Ion Ratio Lower Upper
65 100
92 70.0 54.6 82.0
138 105.8 77.0 115.4



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





#48

Acenaphthylene

Concen: 38.01 ng

RT: 9.56 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF088174.D

Acq: 20 Jun 2016 16:02

Instrument :

BNA_F

ClientSampleId :

PB91373BS

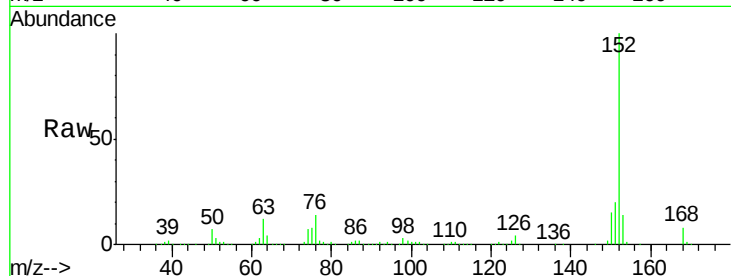
Tgt Ion:152 Resp: 656800

Ion Ratio Lower Upper

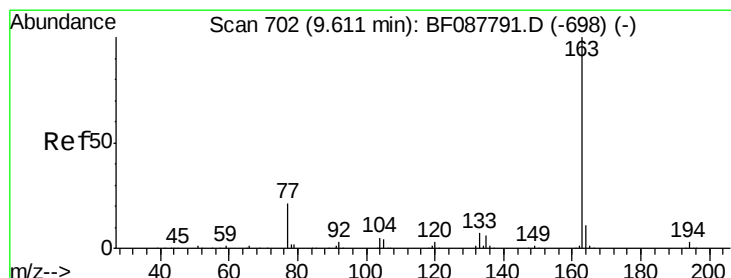
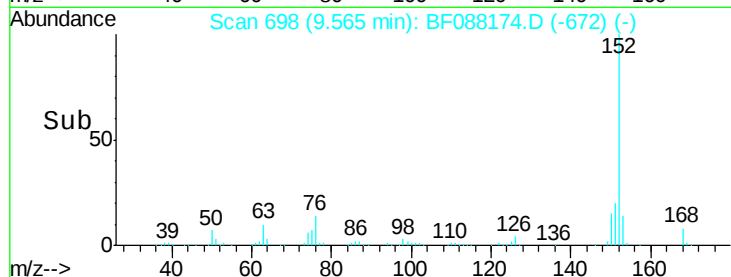
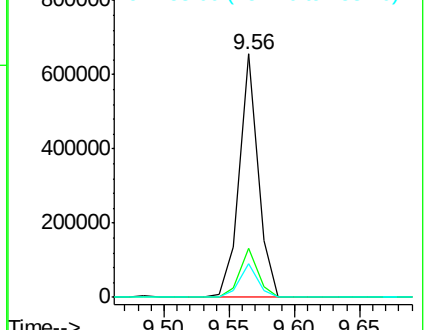
152 100

151 20.4 16.2 24.4

153 13.6 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: 43.47 ng

RT: 9.44 min Scan# 687

Delta R.T. -0.00 min

Lab File: BF088174.D

Acq: 20 Jun 2016 16:02

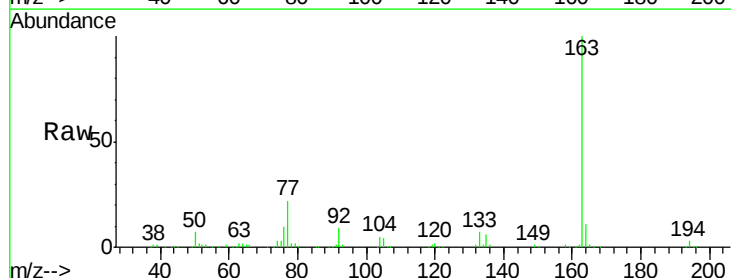
Tgt Ion:163 Resp: 528586

Ion Ratio Lower Upper

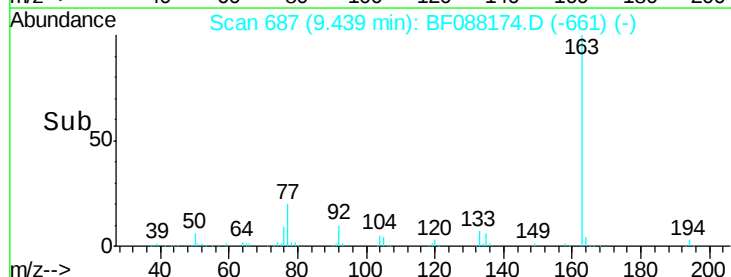
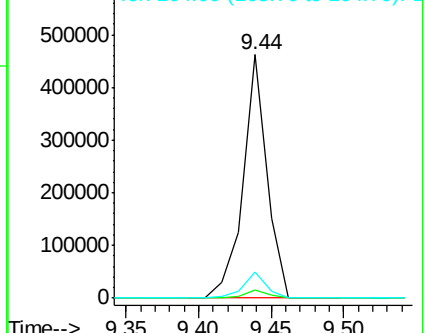
163 100

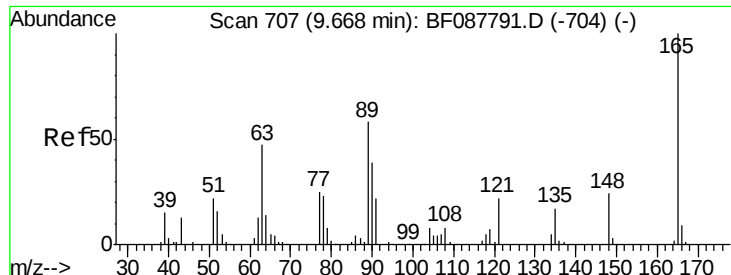
194 3.2 2.8 4.2

164 10.6 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

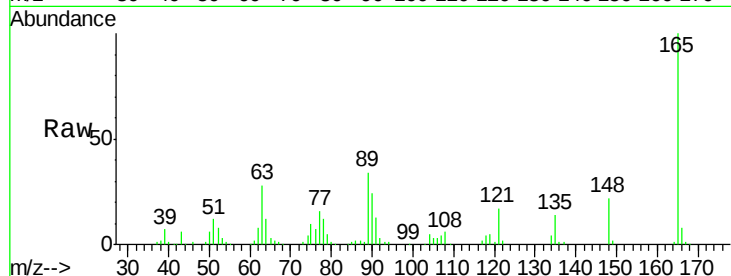




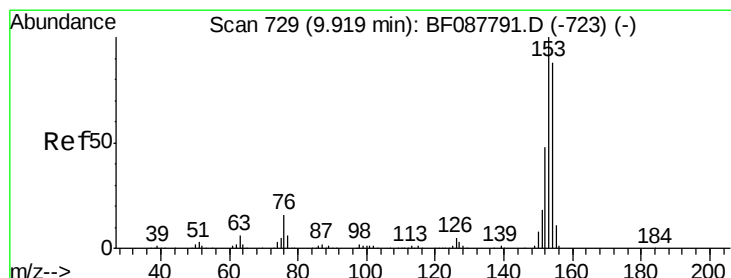
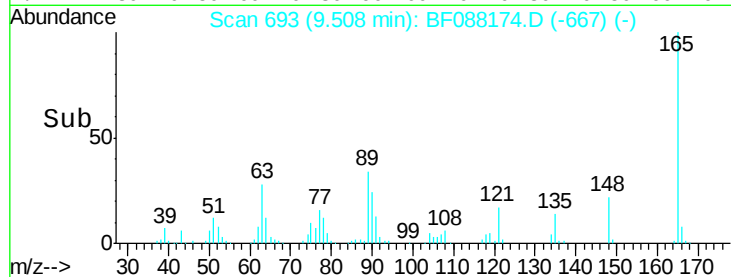
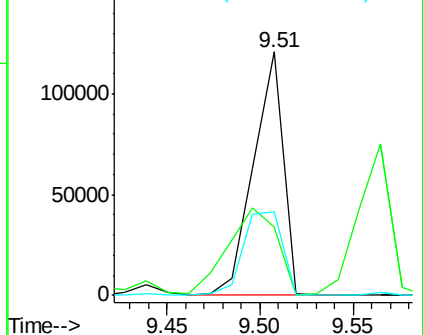
#50
 2,6-Dinitrotoluene
 Concen: 47.86 ng
 RT: 9.51 min Scan# 693
 Delta R.T. -0.00 min
 Lab File: BF088174.D
 Acq: 20 Jun 2016 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB91373BS

Tgt Ion:165 Resp: 133270
 Ion Ratio Lower Upper
 165 100
 63 28.1 28.1 42.1
 89 34.1 32.2 48.2

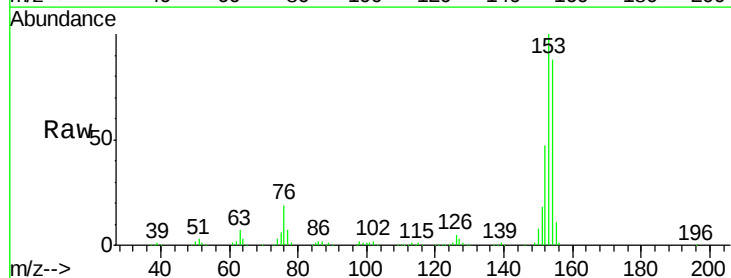


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

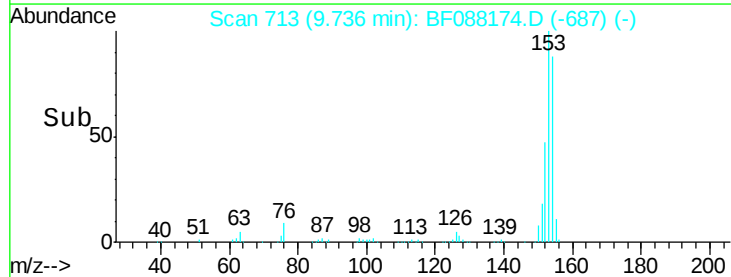
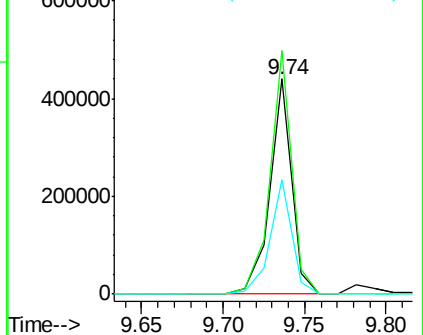


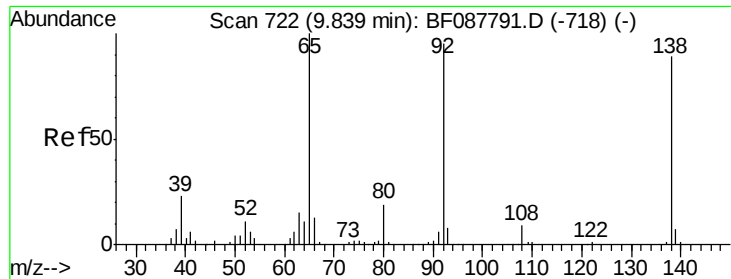
#51
 Acenaphthene
 Concen: 37.80 ng
 RT: 9.74 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: BF088174.D
 Acq: 20 Jun 2016 16:02

Tgt Ion:154 Resp: 407416
 Ion Ratio Lower Upper
 154 100
 153 113.3 89.5 134.3
 152 53.4 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

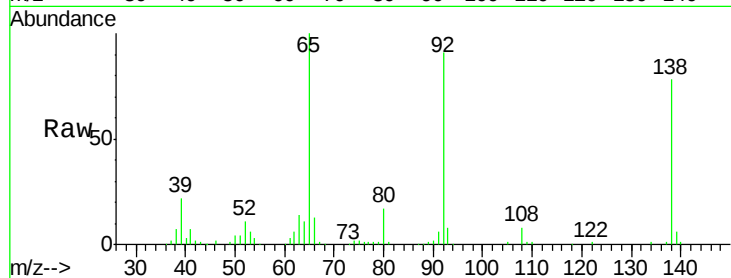




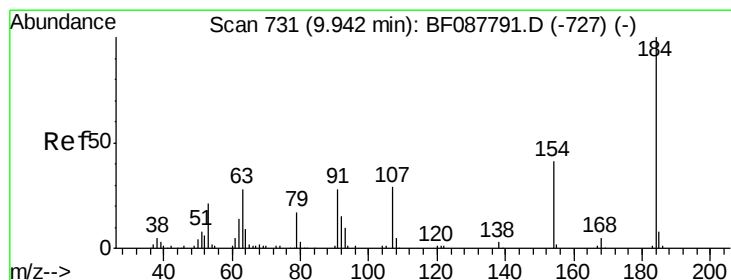
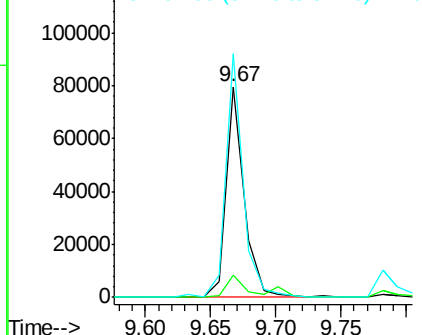
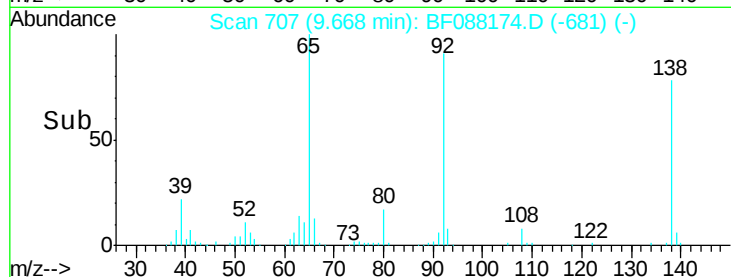
#52
 3-Nitroaniline
 Concen: 24.03 ng
 RT: 9.67 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: BF088174.D
 Acq: 20 Jun 2016 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB91373BS

Tgt Ion:138 Resp: 77204
 Ion Ratio Lower Upper
 138 100
 108 10.3 8.5 12.7
 92 115.5 95.7 143.5

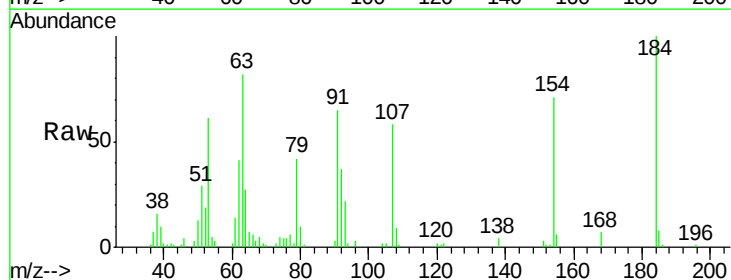


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF0

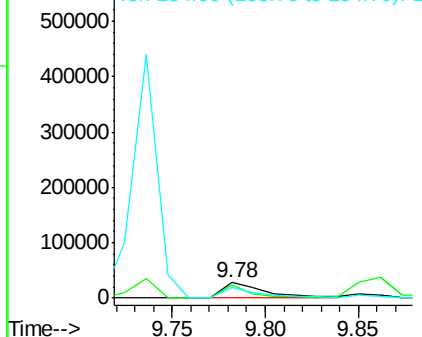
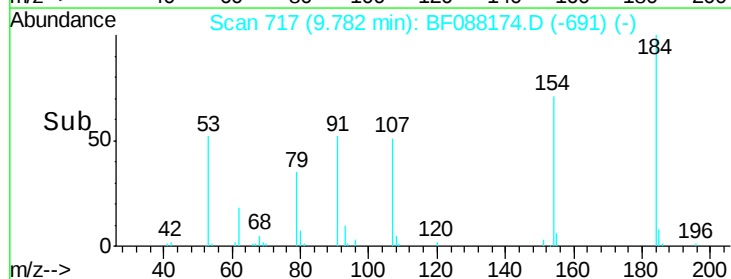


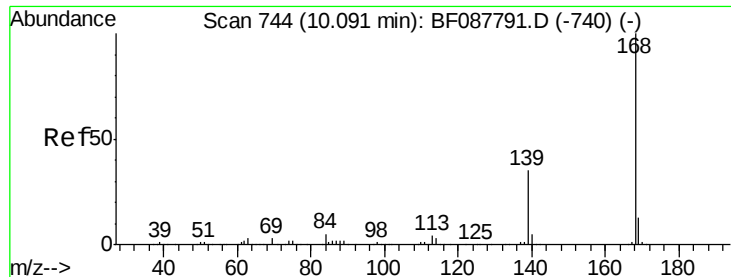
#53
 2,4-Dinitrophenol
 Concen: 34.76 ng
 RT: 9.78 min Scan# 717
 Delta R.T. -0.00 min
 Lab File: BF088174.D
 Acq: 20 Jun 2016 16:02

Tgt Ion:184 Resp: 44011
 Ion Ratio Lower Upper
 184 100
 63 82.1 57.6 86.4
 154 71.1 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: 37.89 ng

RT: 9.91 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF088174.D

Acq: 20 Jun 2016 16:02

Instrument :

BNA_F

ClientSampleId :

PB91373BS

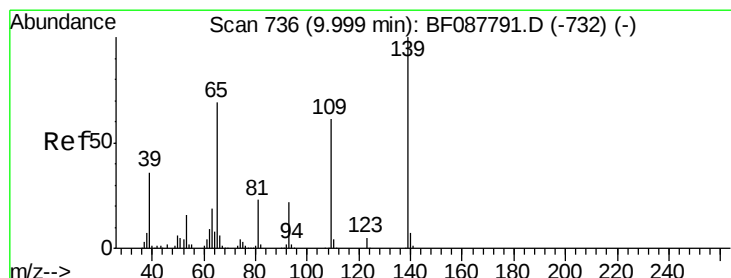
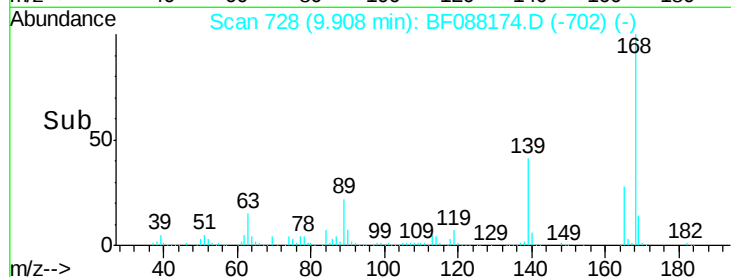
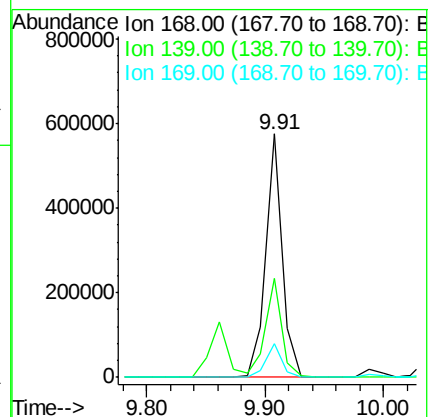
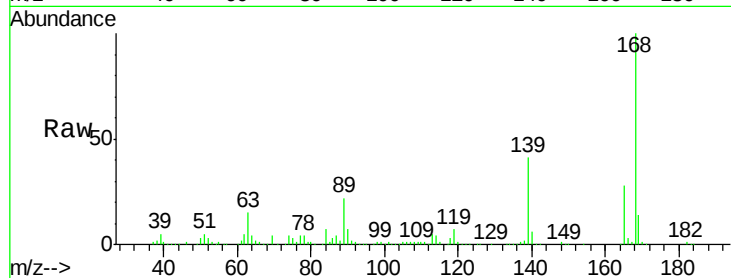
Tgt Ion:168 Resp: 562410

Ion Ratio Lower Upper

168 100

139 40.7 26.4 39.6#

169 13.6 10.4 15.6



#55

4-Nitrophenol

Concen: 57.09 ng

RT: 9.86 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF088174.D

Acq: 20 Jun 2016 16:02

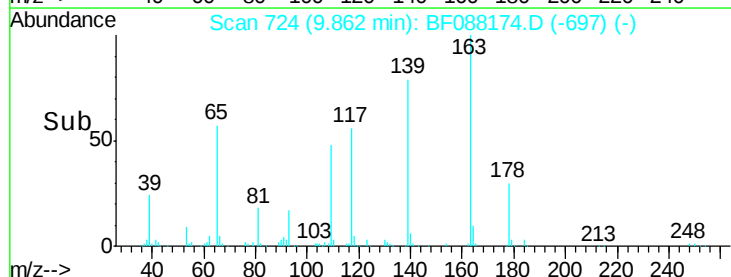
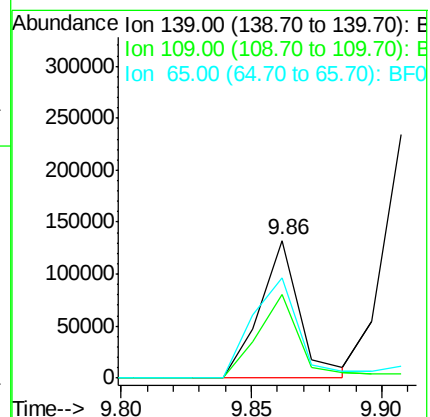
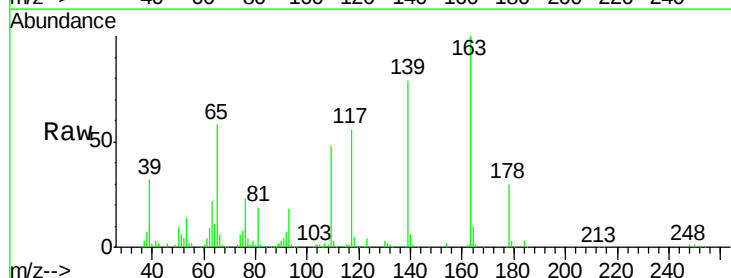
Tgt Ion:139 Resp: 142380

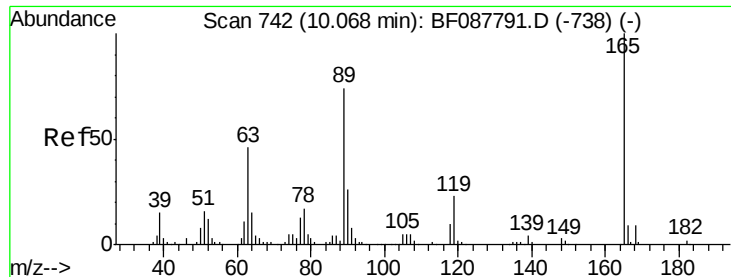
Ion Ratio Lower Upper

139 100

109 60.6 48.9 88.9

65 73.0 84.9 124.9#

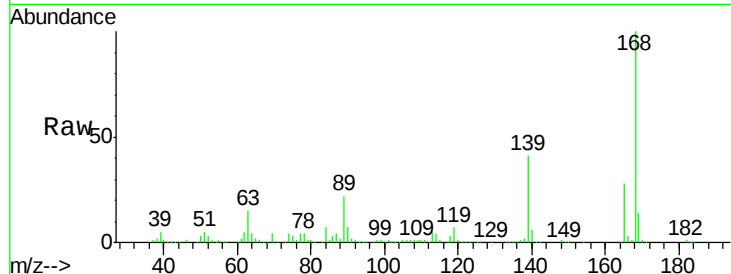




#56
2,4-Dinitrotoluene
Concen: 41.30 ng
RT: 9.91 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF088174.D
Acq: 20 Jun 2016 16:02

Instrument :
BNA_F
ClientSampleId :
PB91373BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	53.9	22.0	33.0#
89	76.5	41.1	61.7#
182	2.3	2.0	3.0

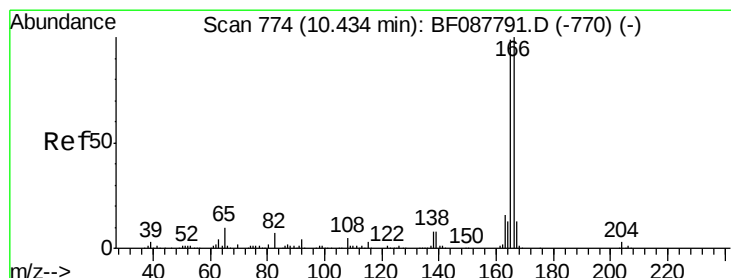
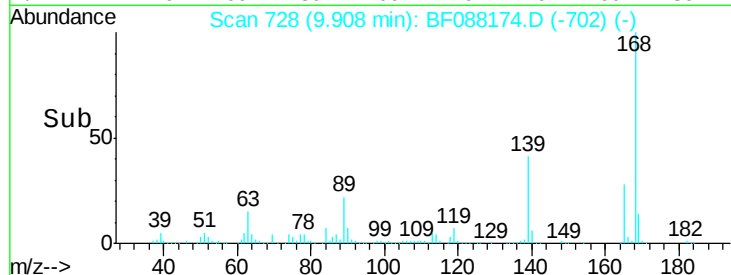
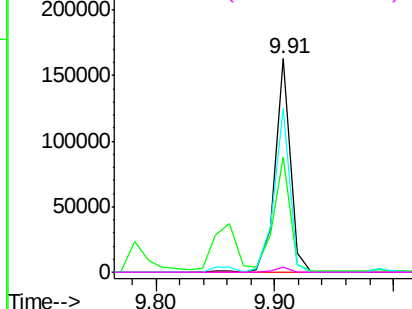


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

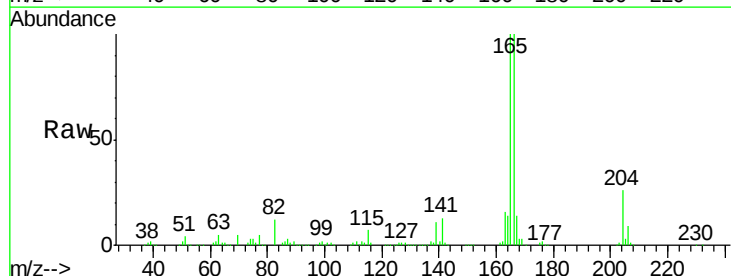
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 46.68 ng
RT: 10.25 min Scan# 758
Delta R.T. -0.00 min
Lab File: BF088174.D
Acq: 20 Jun 2016 16:02

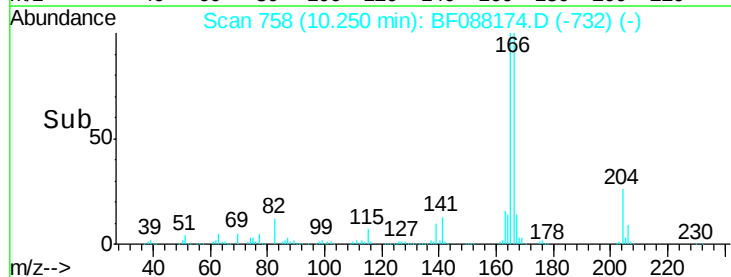
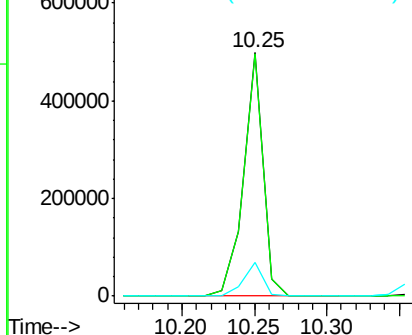
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.6	77.8	116.8
167	13.6	11.2	16.8



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

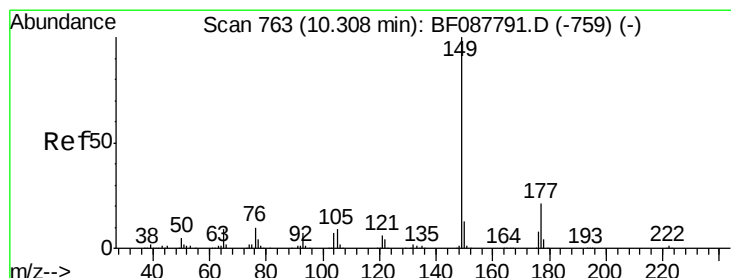
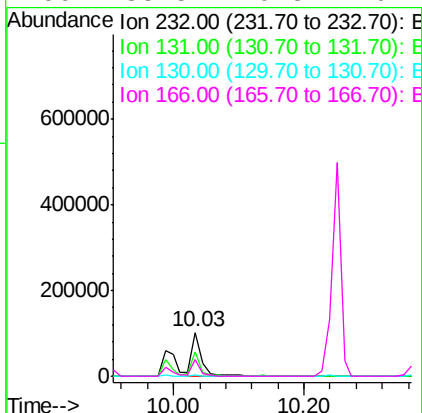
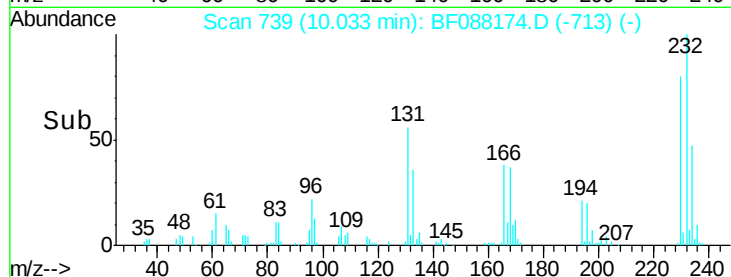
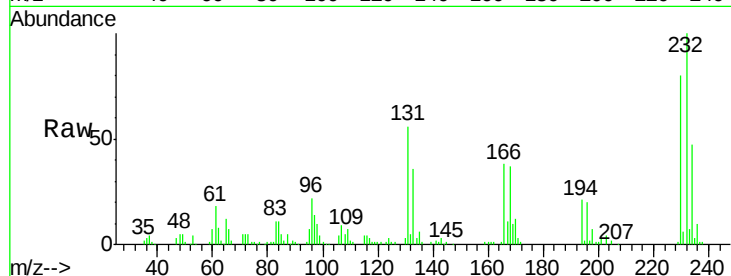




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.38 ng
 RT: 10.03 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: BF088174.D
 Acq: 20 Jun 2016 16:02

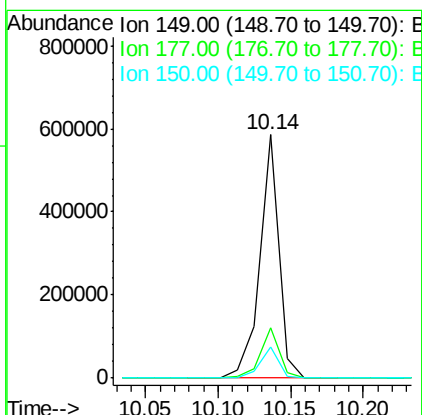
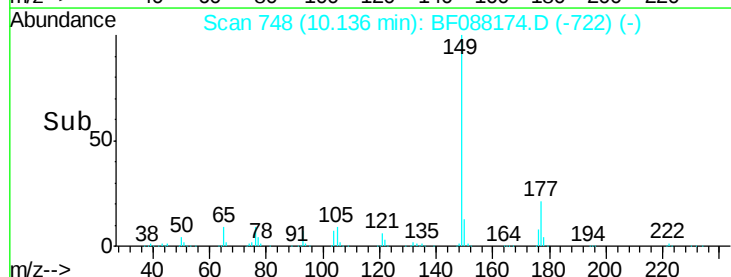
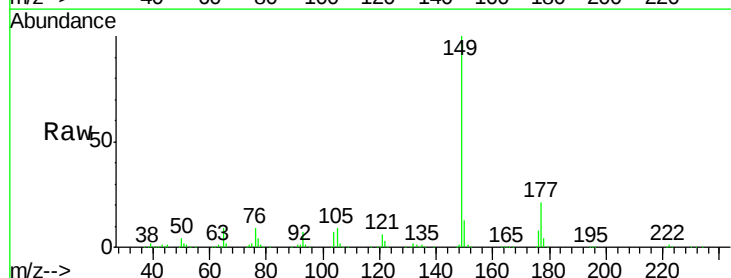
Instrument :
 BNA_F
 ClientSampleId :
 PB91373BS

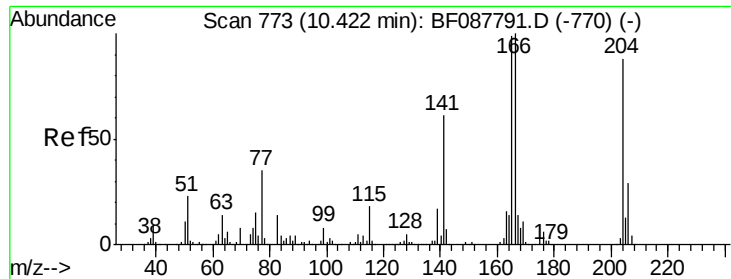
Tgt Ion: 232 Resp: 105348
 Ion Ratio Lower Upper
 232 100
 131 52.3 0.9 1.3#
 130 2.3 1.5 2.3#
 166 33.5 0.5 0.7#



#59
 Diethylphthalate
 Concen: 43.37 ng
 RT: 10.14 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF088174.D
 Acq: 20 Jun 2016 16:02

Tgt Ion: 149 Resp: 533822
 Ion Ratio Lower Upper
 149 100
 177 20.6 16.9 25.3
 150 12.6 10.1 15.1

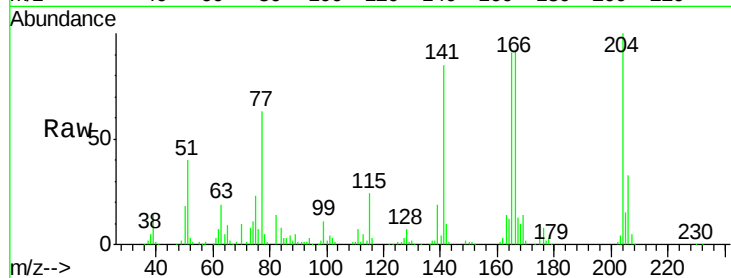




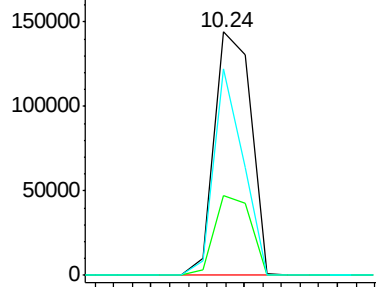
#60
 4-Chlorophenyl-phenylether
 Concen: 39.59 ng
 RT: 10.24 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BF088174.D
 Acq: 20 Jun 2016 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB91373BS

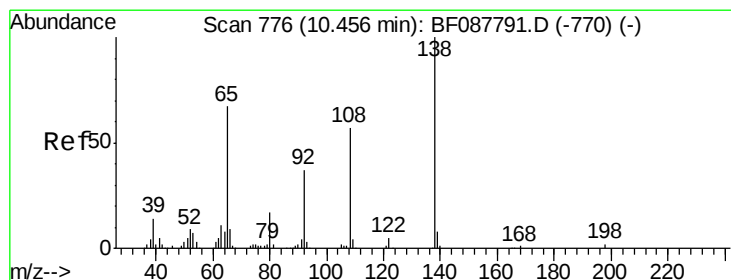
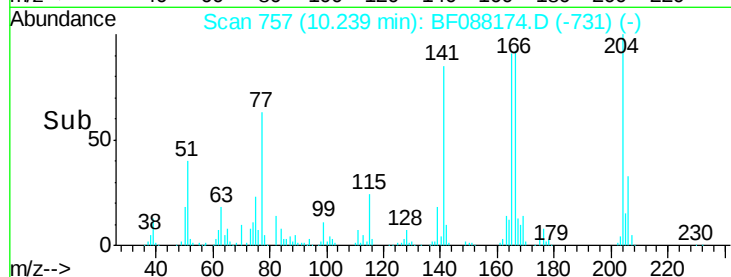
Tgt Ion:204 Resp: 195464
 Ion Ratio Lower Upper
 204 100
 206 32.6 26.3 39.5
 141 84.6 55.0 82.6#



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

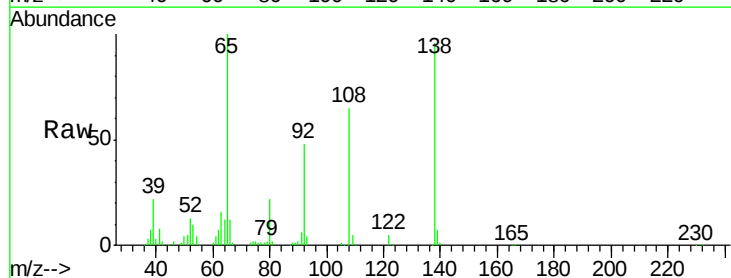


Time-->

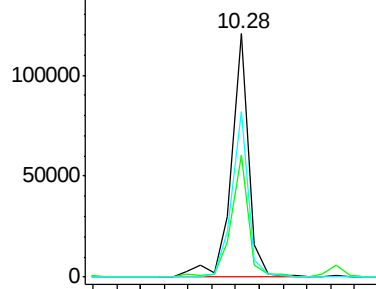


#61
 4-Nitroaniline
 Concen: 40.76 ng
 RT: 10.28 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BF088174.D
 Acq: 20 Jun 2016 16:02

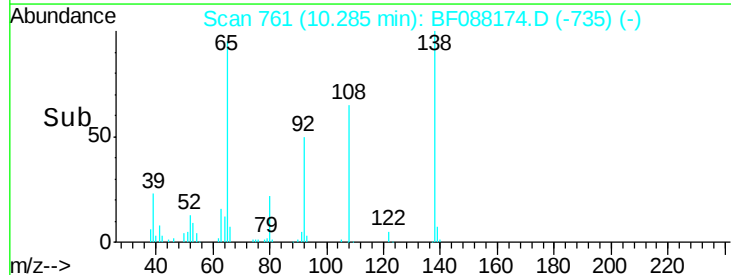
Tgt Ion:138 Resp: 124241
 Ion Ratio Lower Upper
 138 100
 92 50.1 27.3 67.3
 108 67.8 46.7 86.7

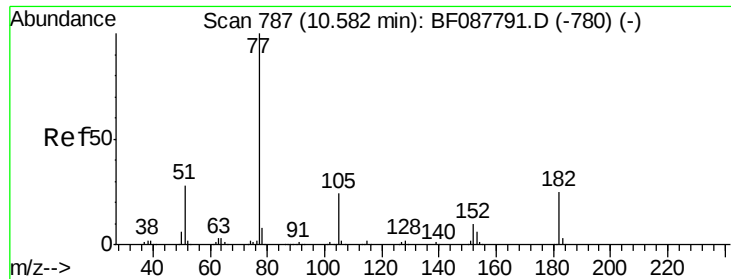


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 108.00 (107.70 to 108.70): E



Time-->

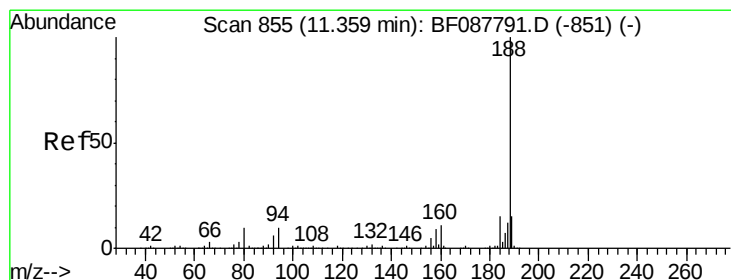
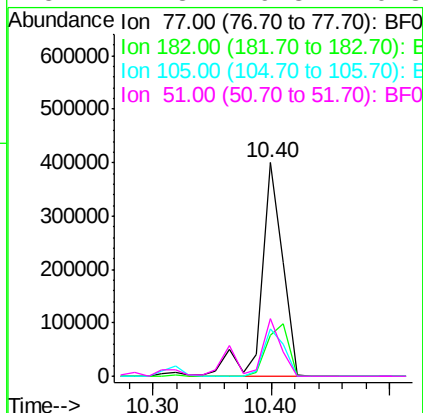
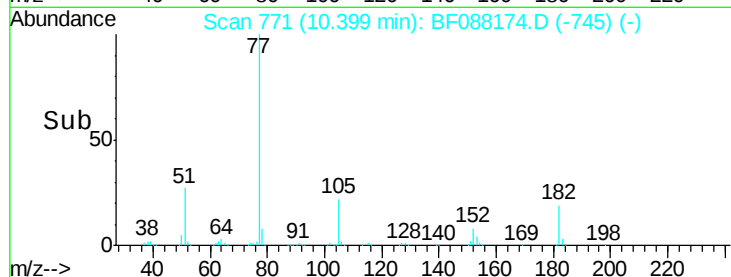
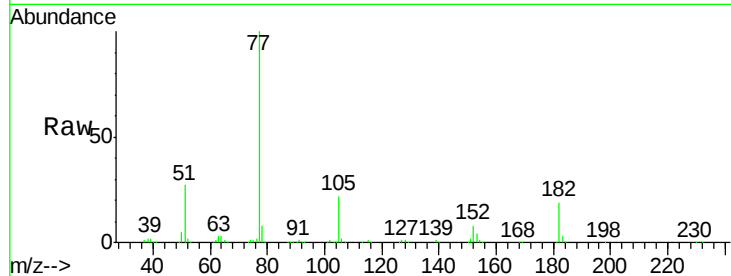




#62
Azobenzene
Concen: 41.10 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF088174.D
Acq: 20 Jun 2016 16:02

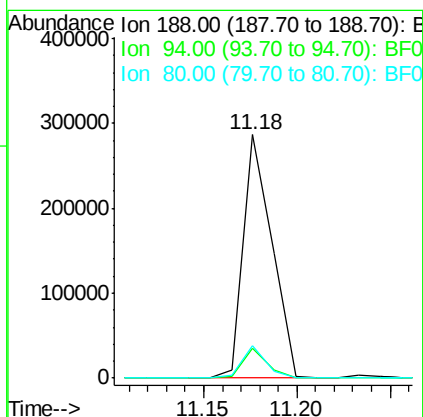
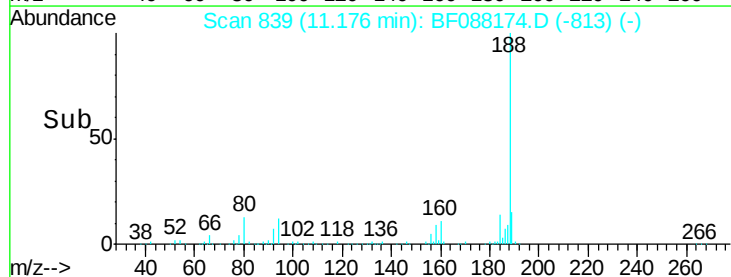
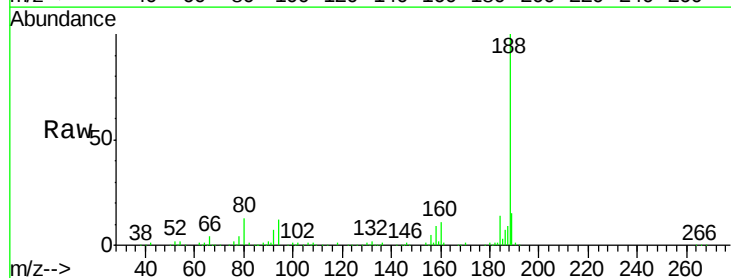
Instrument :
BNA_F
ClientSampleId :
PB91373BS

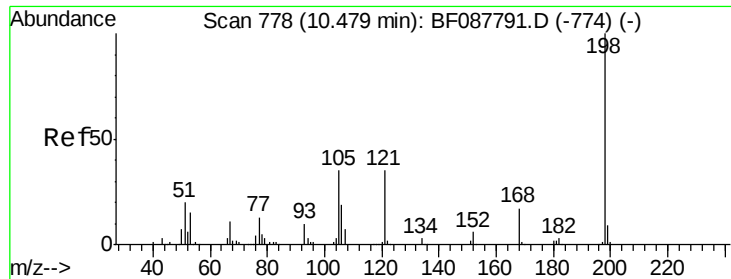
Tgt Ion:	77	Resp:	500229
Ion	Ratio	Lower	Upper
77	100		
182	19.0	4.4	44.4
105	22.3	3.8	43.8
51	27.3	9.3	49.3



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 839
Delta R.T. -0.00 min
Lab File: BF088174.D
Acq: 20 Jun 2016 16:02

Tgt Ion:	188	Resp:	306063
Ion	Ratio	Lower	Upper
188	100		
94	12.2	9.0	13.6
80	13.3	10.0	15.0





#64

4,6-Dinitro-2-methylphenol

Concen: 26.92 ng

RT: 10.32 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF088174.D

Acq: 20 Jun 2016 16:02

Instrument :

BNA_F

ClientSampleId :

PB91373BS

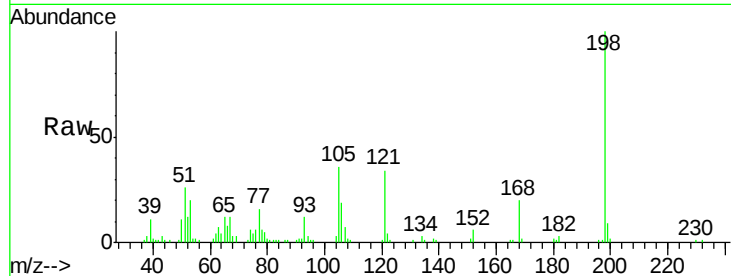
Tgt Ion:198 Resp: 49544

Ion Ratio Lower Upper

198 100

51 25.9 39.6 79.6#

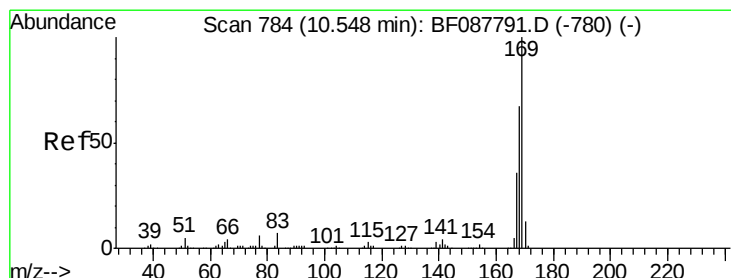
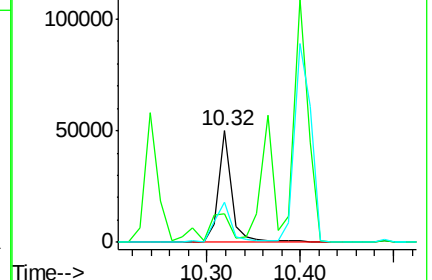
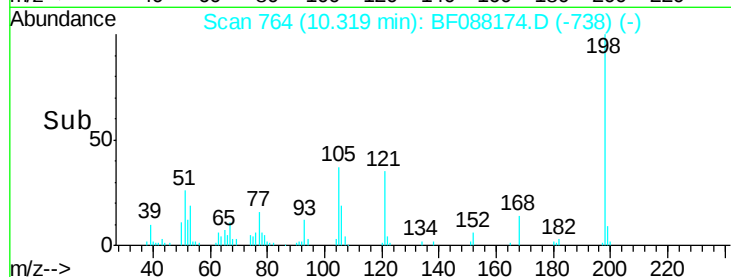
105 36.4 36.6 76.6#



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: 41.58 ng

RT: 10.36 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF088174.D

Acq: 20 Jun 2016 16:02

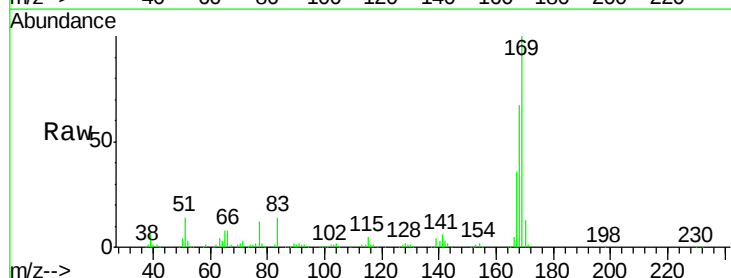
Tgt Ion:169 Resp: 422255

Ion Ratio Lower Upper

169 100

168 66.9 53.4 80.0

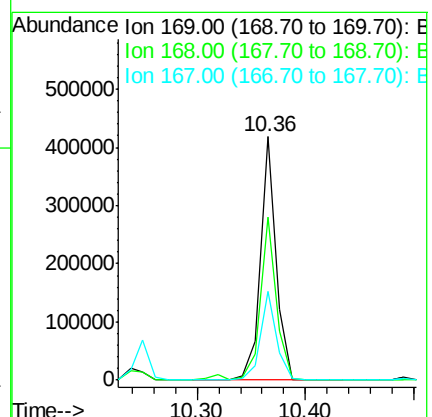
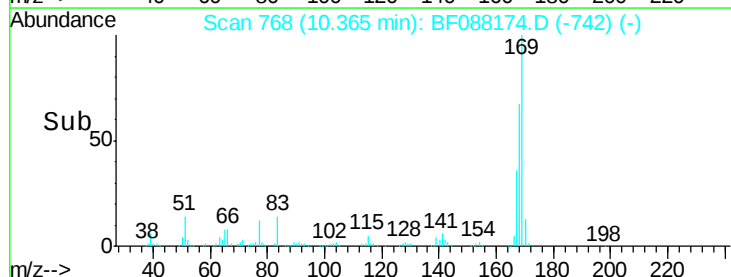
167 36.3 29.4 44.0

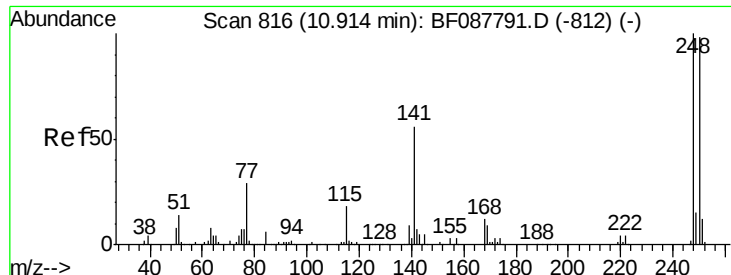


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

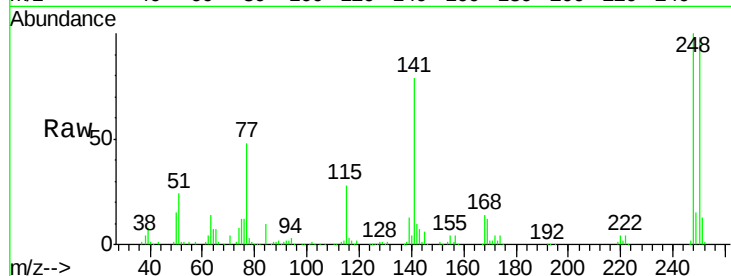




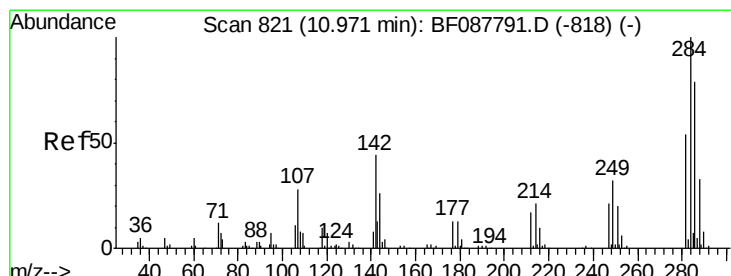
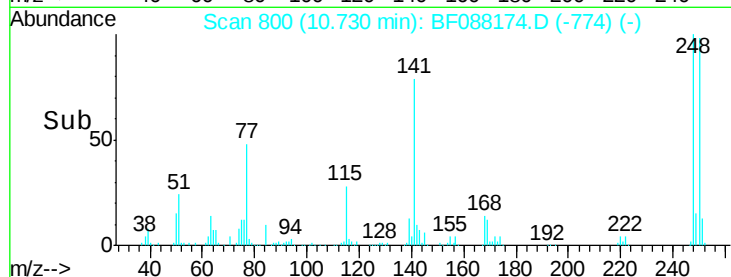
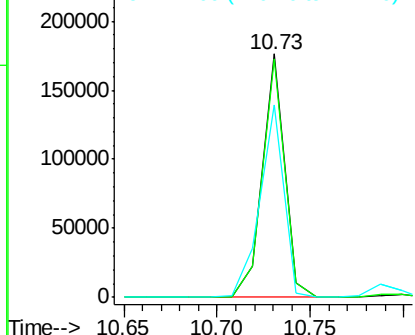
#66
 4-Bromophenyl-phenylether
 Concen: 43.96 ng
 RT: 10.73 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF088174.D
 Acq: 20 Jun 2016 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB91373BS

Tgt Ion:248 Resp: 144351
 Ion Ratio Lower Upper
 248 100
 250 98.1 77.1 115.7
 141 78.9 50.6 76.0#

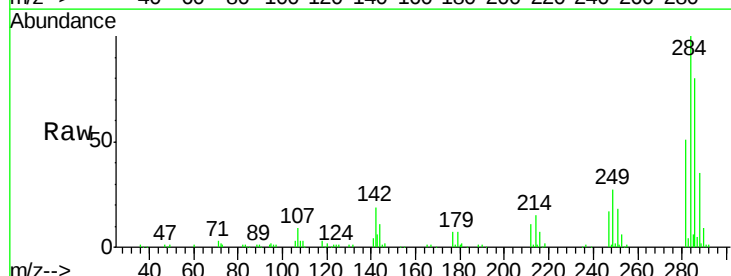


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

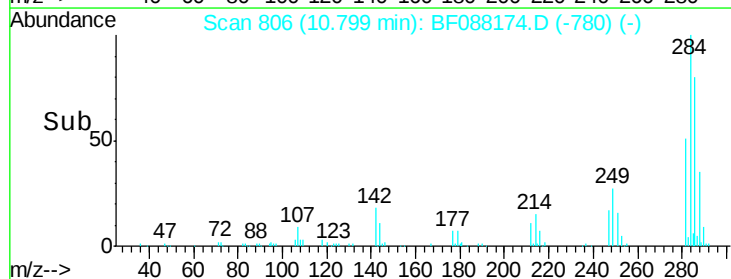
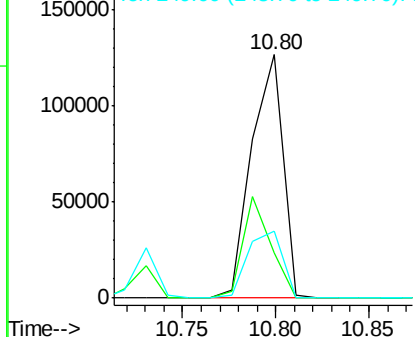


#67
 Hexachlorobenzene
 Concen: 43.21 ng
 RT: 10.80 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BF088174.D
 Acq: 20 Jun 2016 16:02

Tgt Ion:284 Resp: 147424
 Ion Ratio Lower Upper
 284 100
 142 18.7 35.8 53.8#
 249 27.3 25.8 38.6



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

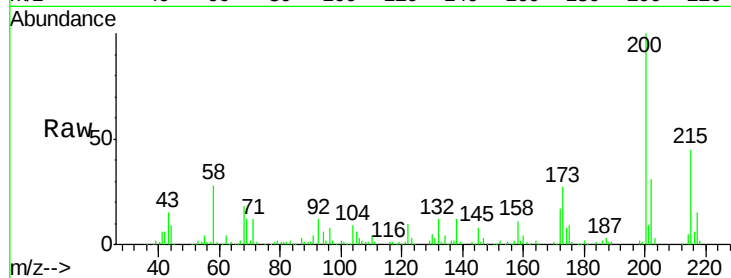




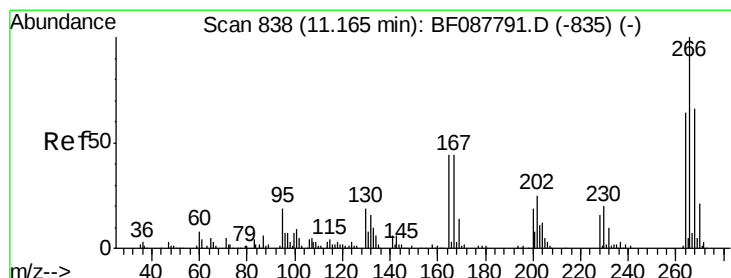
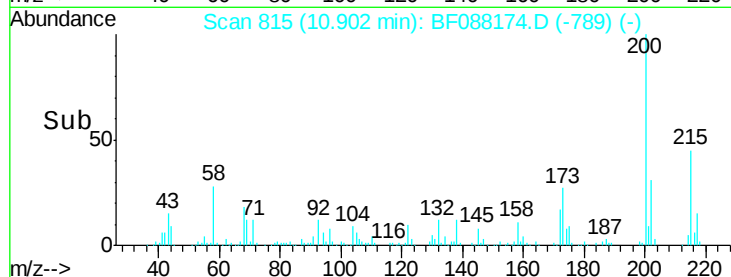
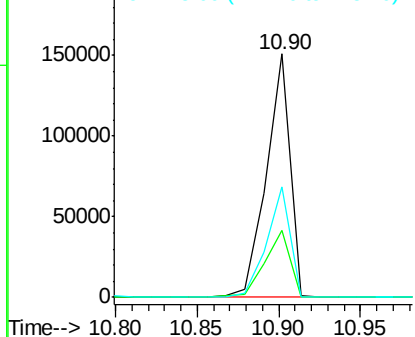
#68
Atrazine
Concen: 49.70 ng
RT: 10.90 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF088174.D
Acq: 20 Jun 2016 16:02

Instrument :
BNA_F
ClientSampleId :
PB91373BS

Tgt Ion:200 Resp: 152840
Ion Ratio Lower Upper
200 100
173 27.4 4.0 44.0
215 45.3 29.3 69.3

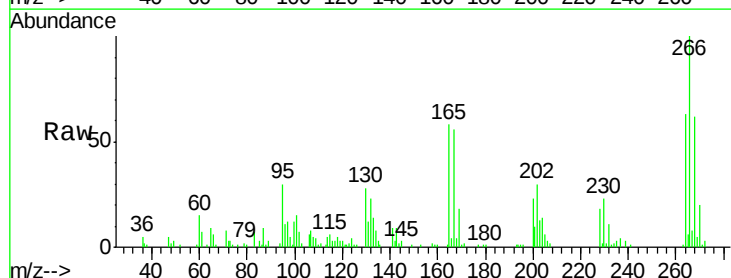


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

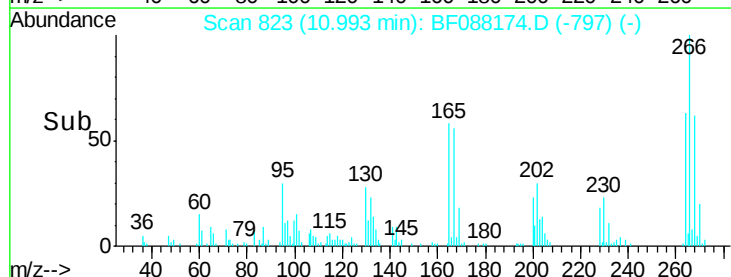
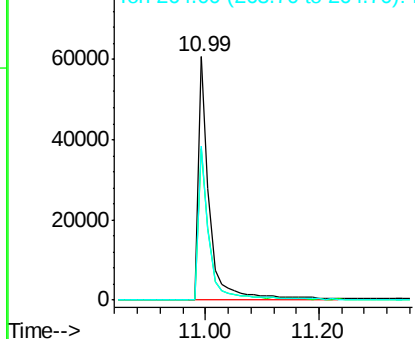


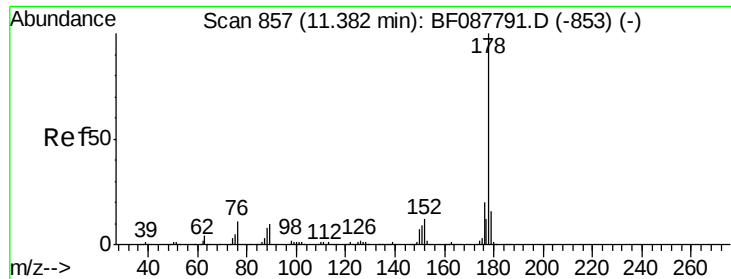
#69
Pentachlorophenol
Concen: 45.16 ng
RT: 10.99 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF088174.D
Acq: 20 Jun 2016 16:02

Tgt Ion:266 Resp: 81206
Ion Ratio Lower Upper
266 100
268 62.0 52.8 79.2
264 63.1 49.6 74.4



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 45.08 ng

RT: 11.21 min Scan# 842

Delta R.T. 0.01 min

Lab File: BF088174.D

Acq: 20 Jun 2016 16:02

Instrument :

BNA_F

ClientSampleId :

PB91373BS

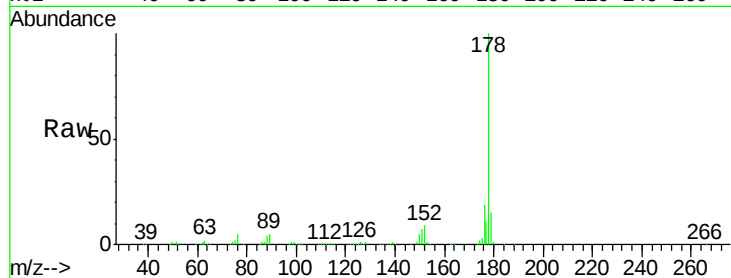
Tgt Ion:178 Resp: 724070

Ion Ratio Lower Upper

178 100

176 19.2 15.8 23.6

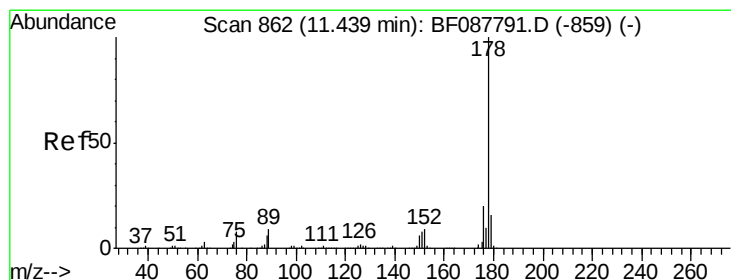
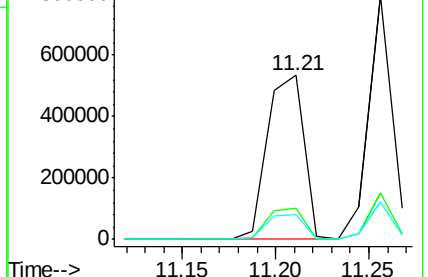
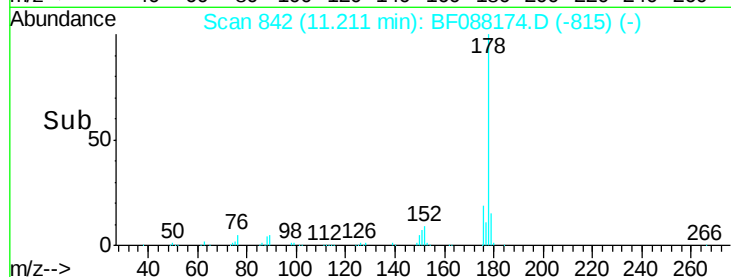
179 15.0 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 42.90 ng

RT: 11.26 min Scan# 846

Delta R.T. -0.00 min

Lab File: BF088174.D

Acq: 20 Jun 2016 16:02

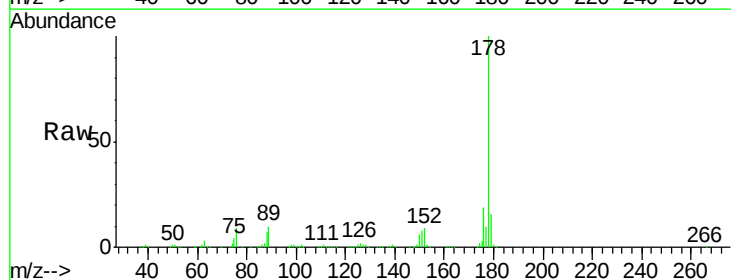
Tgt Ion:178 Resp: 694919

Ion Ratio Lower Upper

178 100

176 19.3 15.6 23.4

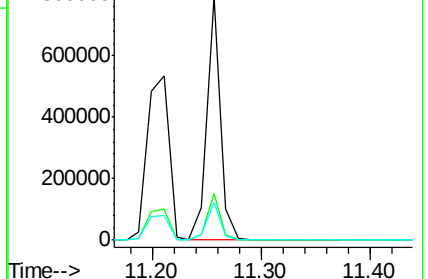
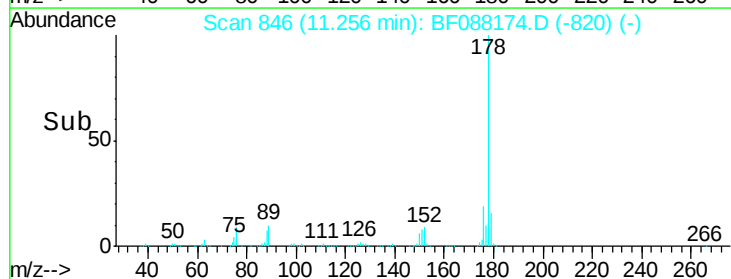
179 15.6 12.8 19.2

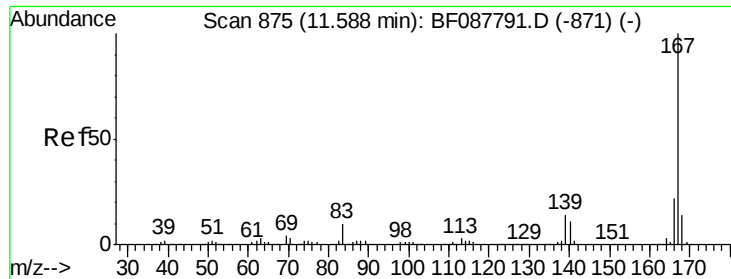


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 42.95 ng

RT: 11.42 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF088174.D

Acq: 20 Jun 2016 16:02

Instrument :

BNA_F

ClientSampleId :

PB91373BS

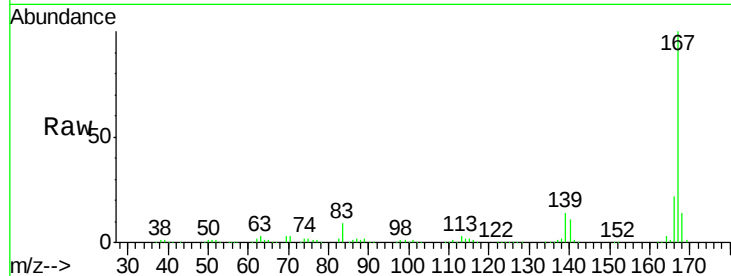
Tgt Ion:167 Resp: 651180

Ion Ratio Lower Upper

167 100

166 22.0 17.8 26.6

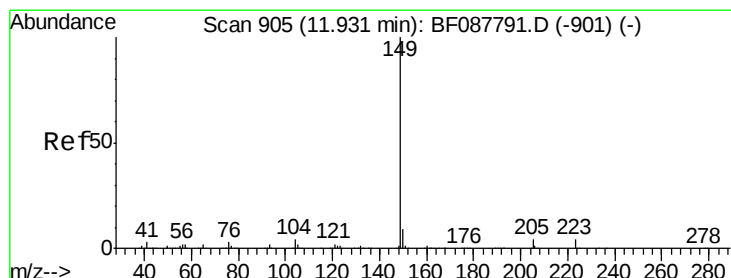
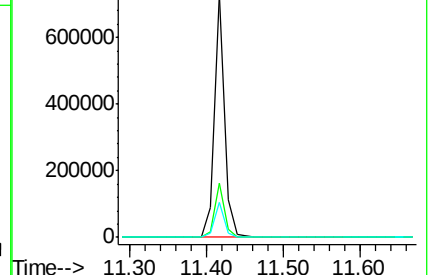
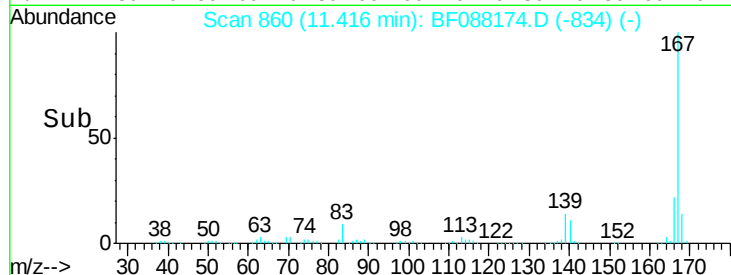
139 14.1 11.2 16.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 41.52 ng

RT: 11.75 min Scan# 889

Delta R.T. -0.00 min

Lab File: BF088174.D

Acq: 20 Jun 2016 16:02

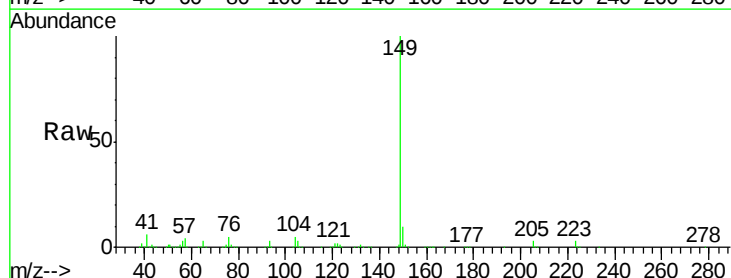
Tgt Ion:149 Resp: 796752

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

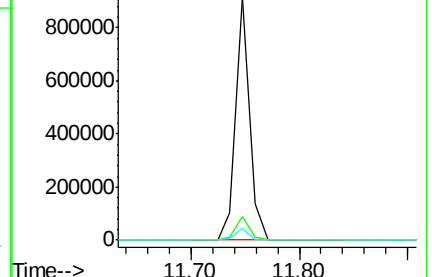
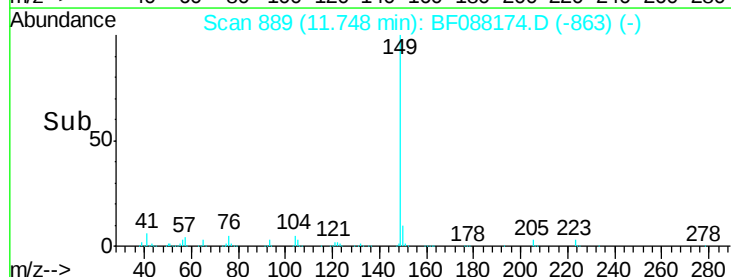
104 4.9 4.0 6.0

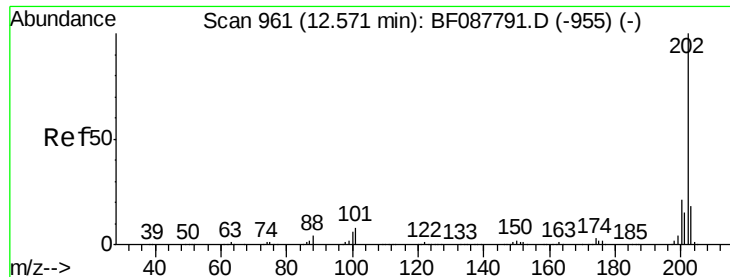


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

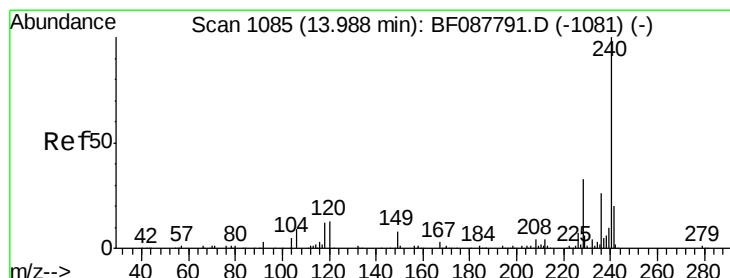
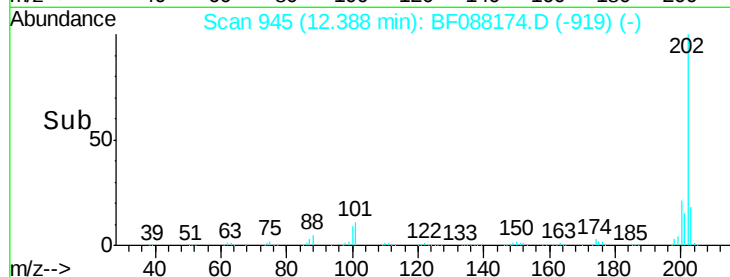
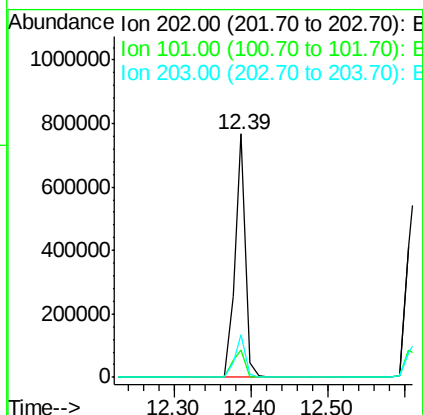
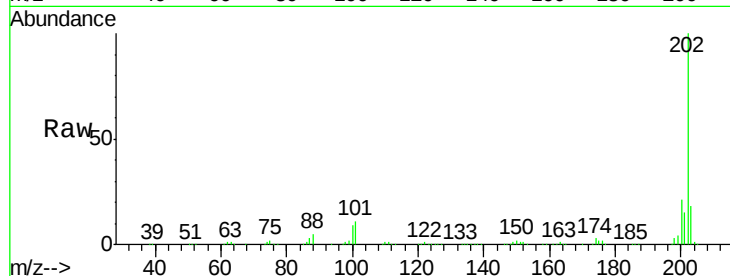




#74
 Fluoranthene
 Concen: 43.52 ng
 RT: 12.39 min Scan# 945
 Delta R.T. -0.00 min
 Lab File: BF088174.D
 Acq: 20 Jun 2016 16:02

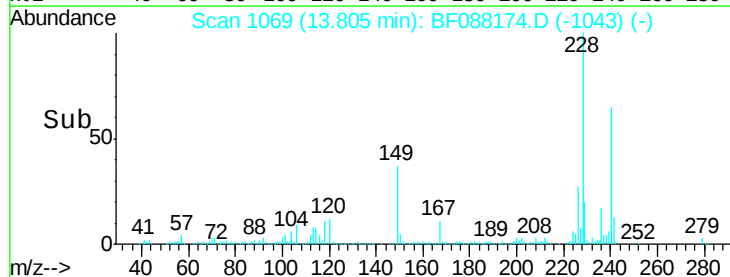
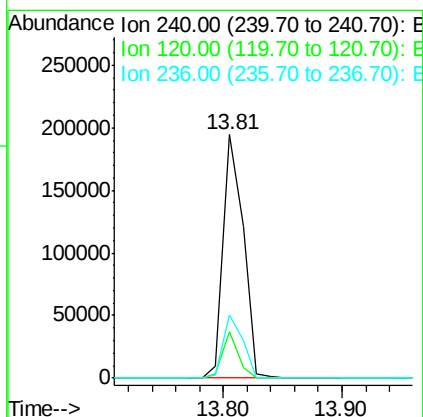
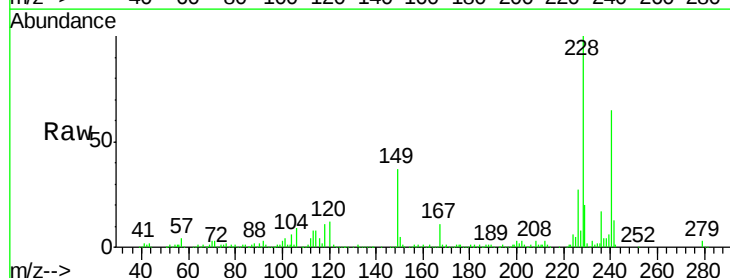
Instrument :
 BNA_F
 ClientSampleId :
 PB91373BS

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	33.1
203	17.5	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.81 min Scan# 1069
 Delta R.T. -0.00 min
 Lab File: BF088174.D
 Acq: 20 Jun 2016 16:02

Tgt Ion	Ratio	Lower	Upper
240	100		
120	19.2	6.8	10.2#
236	25.9	20.2	30.2





#76

Benzidine

Concen: 45.00 ng

RT: 12.51 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF088174.D

Acq: 20 Jun 2016 16:02

Instrument :

BNA_F

ClientSampleId :

PB91373BS

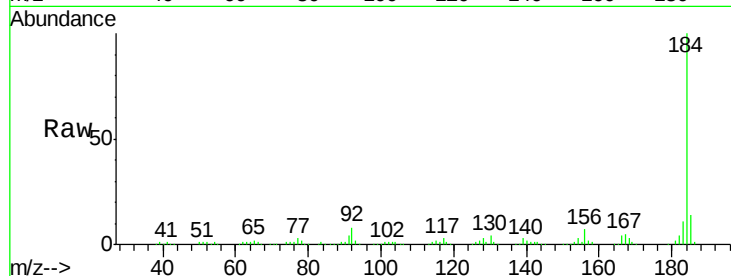
Tgt Ion:184 Resp: 282026

Ion Ratio Lower Upper

184 100

185 14.4 12.5 18.7

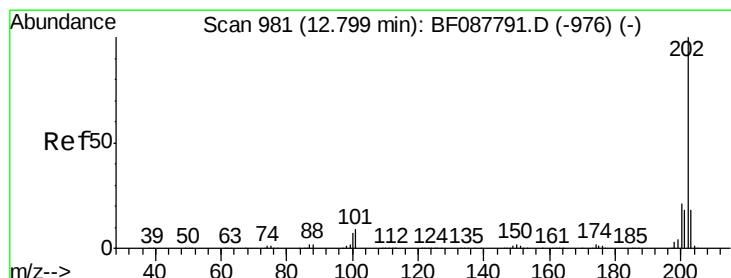
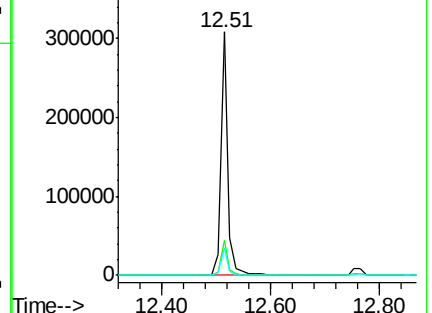
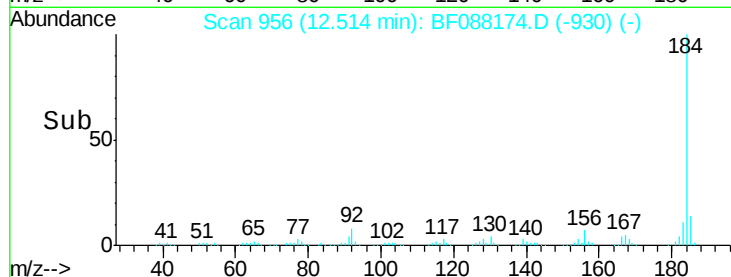
183 11.3 9.3 13.9



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: 45.86 ng

RT: 12.62 min Scan# 965

Delta R.T. -0.00 min

Lab File: BF088174.D

Acq: 20 Jun 2016 16:02

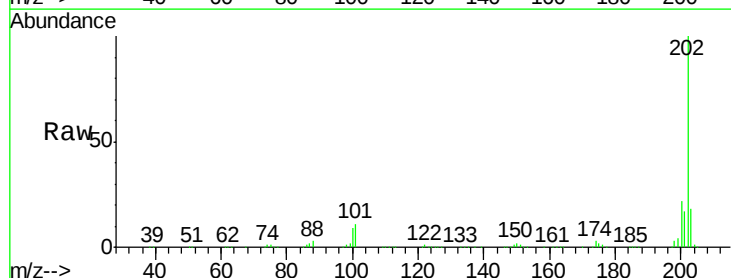
Tgt Ion:202 Resp: 770342

Ion Ratio Lower Upper

202 100

200 21.6 17.4 26.2

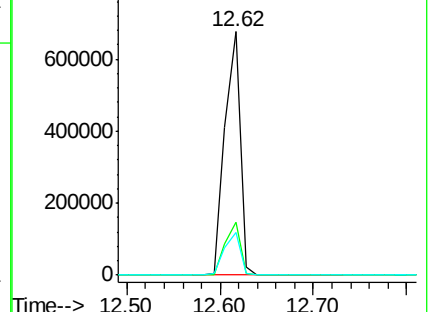
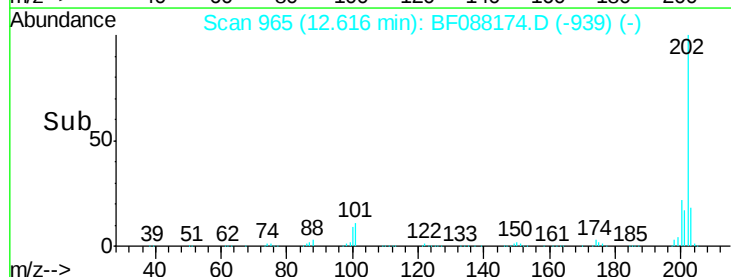
203 17.7 14.5 21.7

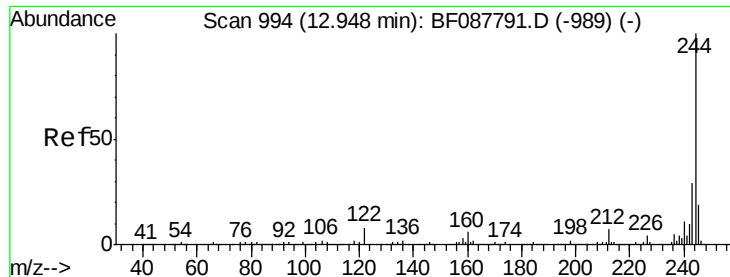


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 84.72 ng

RT: 12.76 min Scan# 978

Delta R.T. -0.00 min

Lab File: BF088174.D

Acq: 20 Jun 2016 16:02

Instrument :

BNA_F

ClientSampleId :

PB91373BS

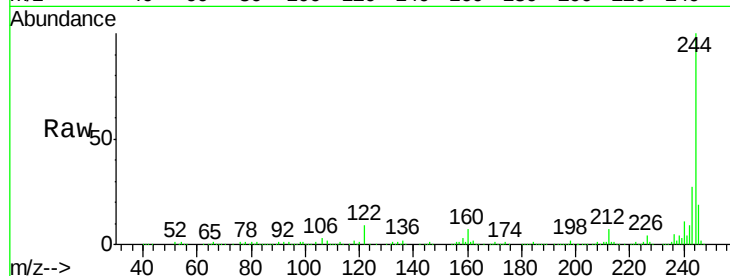
Tgt Ion:244 Resp: 842744

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

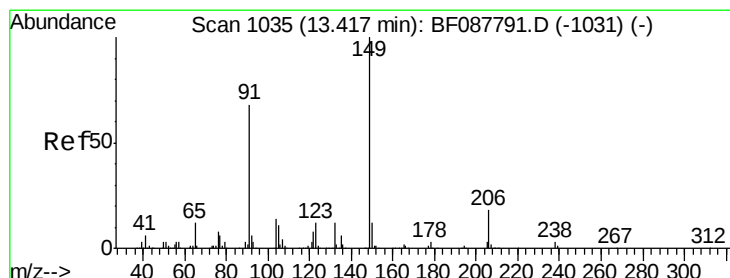
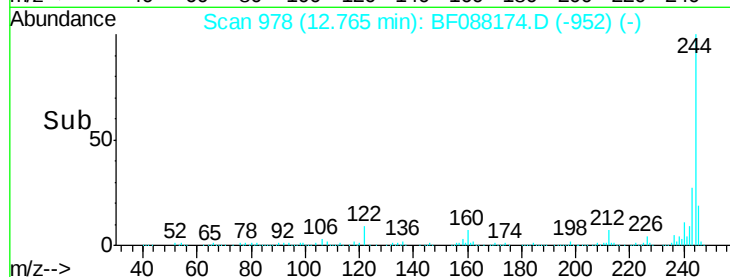
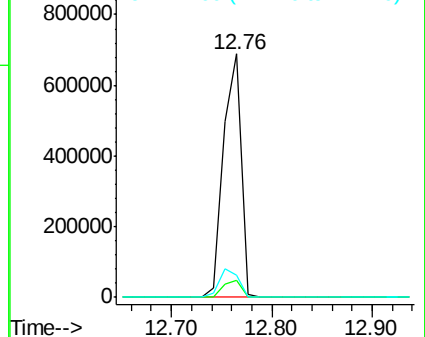
122 9.2 11.2 16.8#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 46.52 ng

RT: 13.23 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BF088174.D

Acq: 20 Jun 2016 16:02

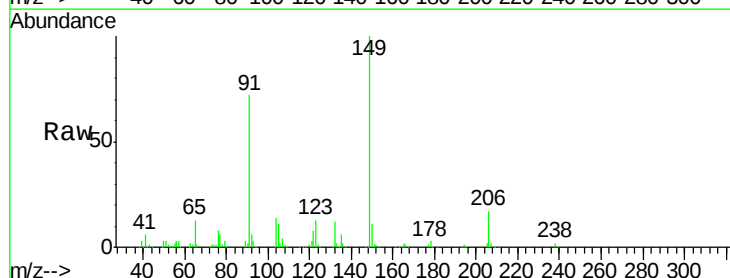
Tgt Ion:149 Resp: 345453

Ion Ratio Lower Upper

149 100

91 72.2 48.0 72.0#

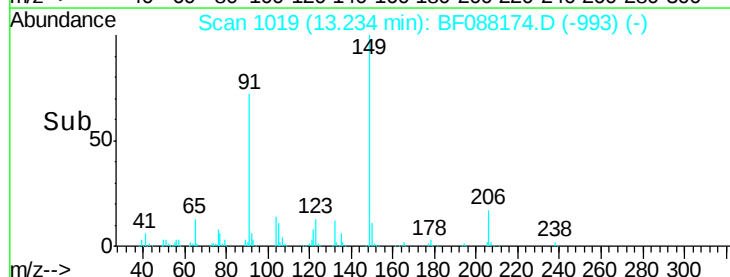
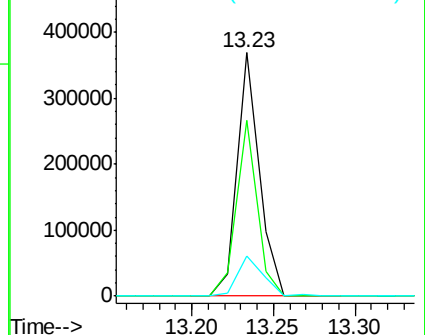
206 16.5 16.0 24.0

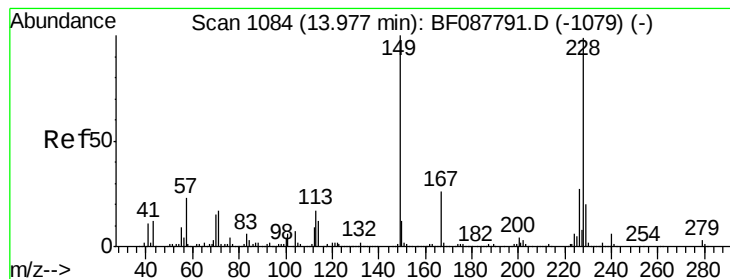


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 42.69 ng

RT: 13.79 min Scan# 1068

Delta R.T. -0.00 min

Lab File: BF088174.D

Acq: 20 Jun 2016 16:02

Instrument :

BNA_F

ClientSampleId :

PB91373BS

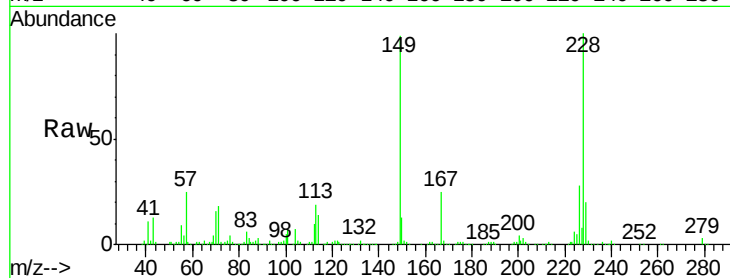
Tgt Ion:228 Resp: 550747

Ion Ratio Lower Upper

228 100

226 27.7 22.3 33.5

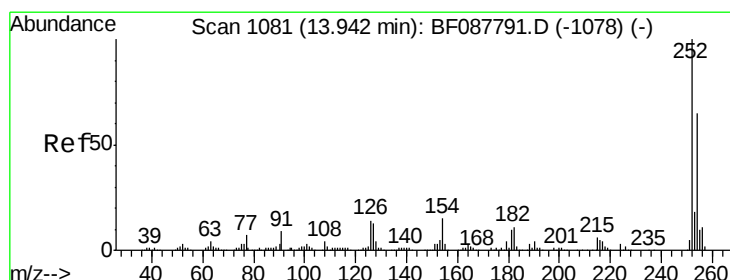
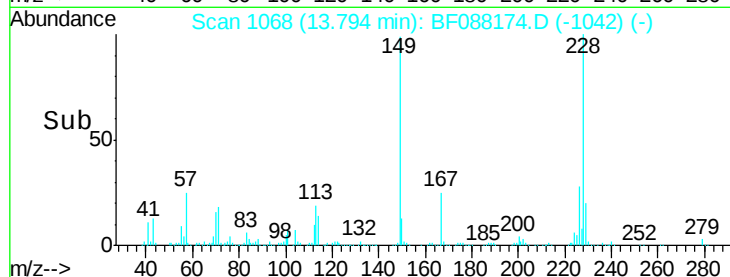
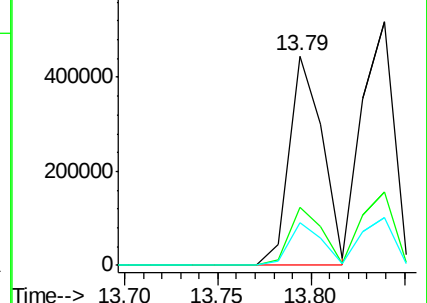
229 20.1 16.0 24.0



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: 31.55 ng

RT: 13.76 min Scan# 1065

Delta R.T. -0.00 min

Lab File: BF088174.D

Acq: 20 Jun 2016 16:02

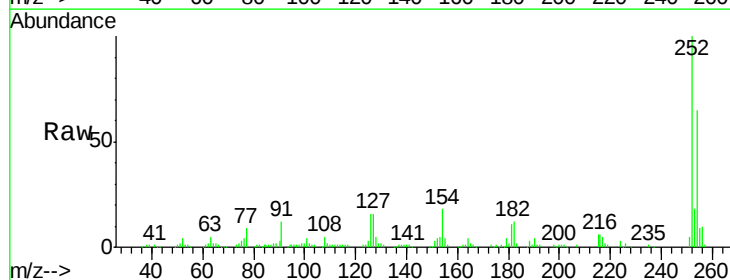
Tgt Ion:252 Resp: 109450

Ion Ratio Lower Upper

252 100

254 64.6 52.6 78.8

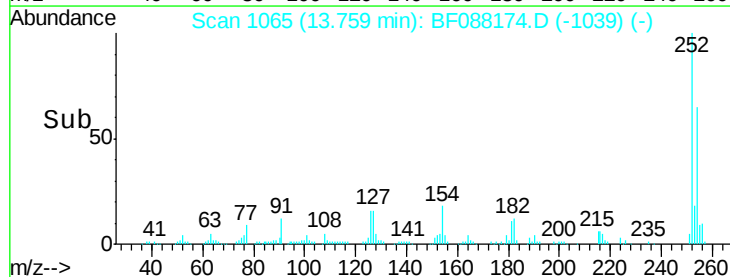
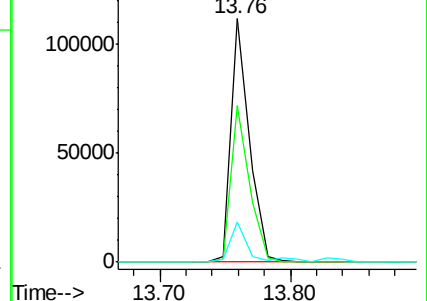
126 16.3 6.2 9.2#

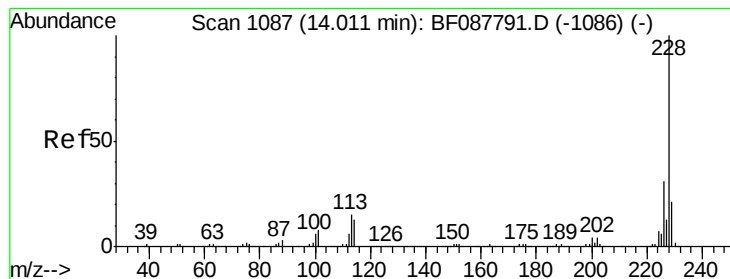


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 51.20 ng

RT: 13.84 min Scan# 1072

Delta R.T. -0.00 min

Lab File: BF088174.D

Acq: 20 Jun 2016 16:02

Instrument :

BNA_F

ClientSampleId :

PB91373BS

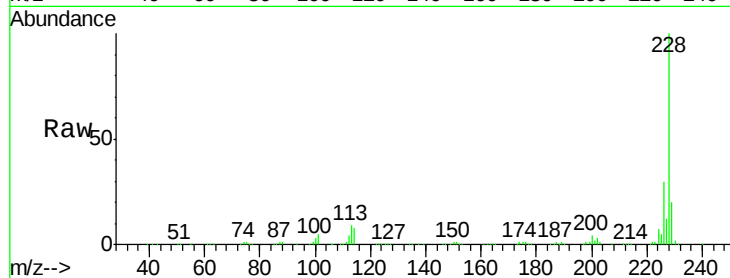
Tgt Ion:228 Resp: 621409

Ion Ratio Lower Upper

228 100

226 30.0 25.4 38.2

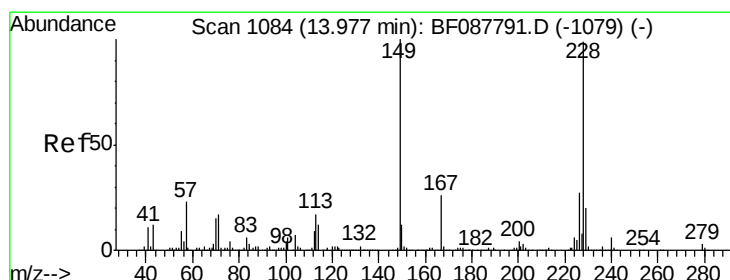
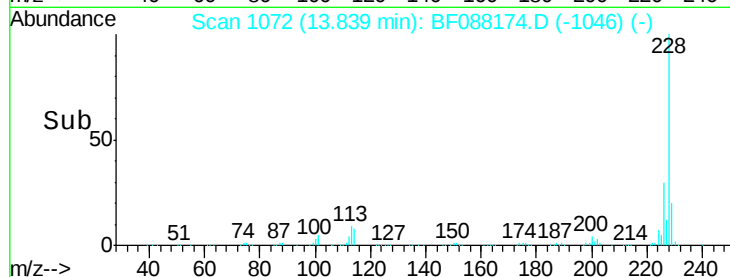
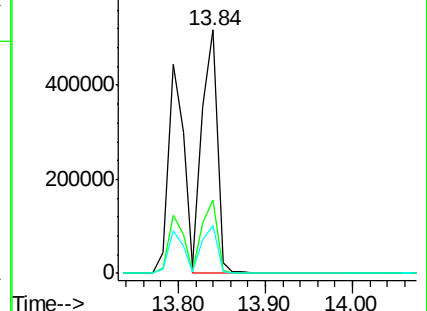
229 19.7 16.3 24.5



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: 45.78 ng

RT: 13.79 min Scan# 1068

Delta R.T. -0.00 min

Lab File: BF088174.D

Acq: 20 Jun 2016 16:02

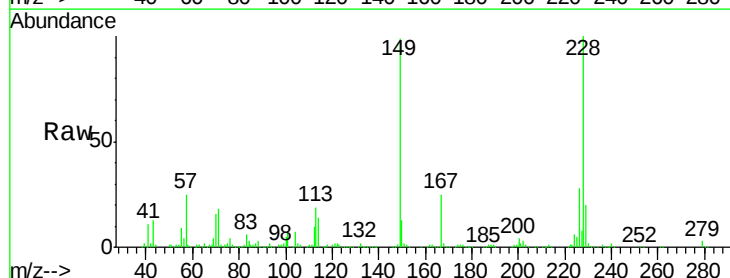
Tgt Ion:149 Resp: 413873

Ion Ratio Lower Upper

149 100

167 25.3 20.5 30.7

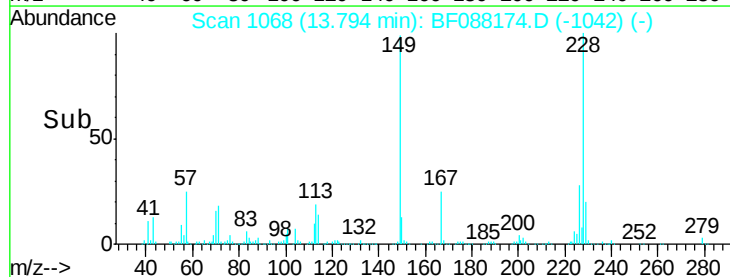
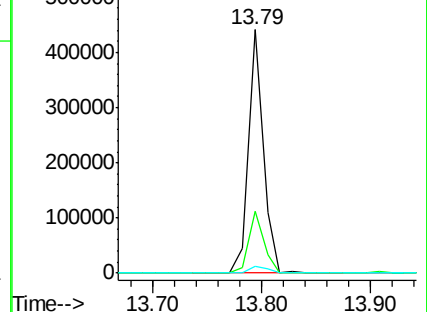
279 2.6 2.0 3.0

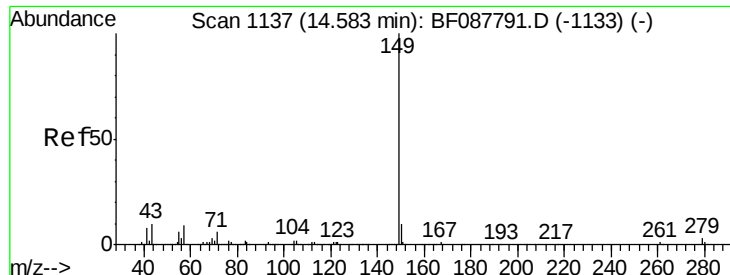


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

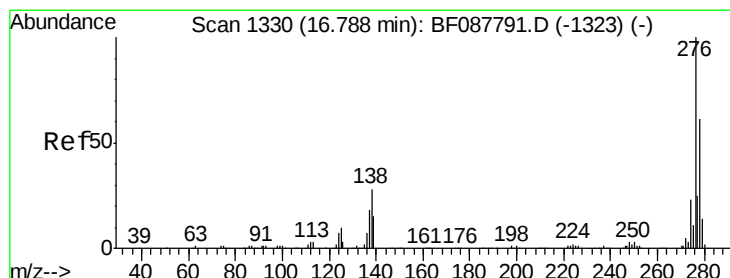
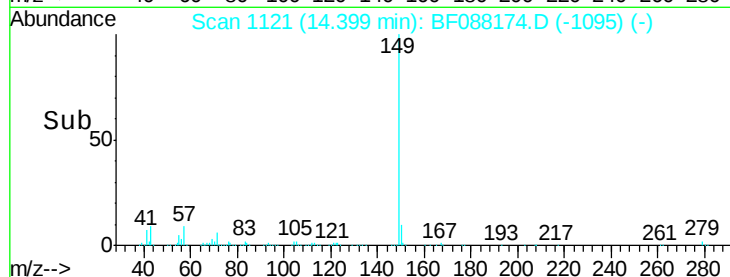
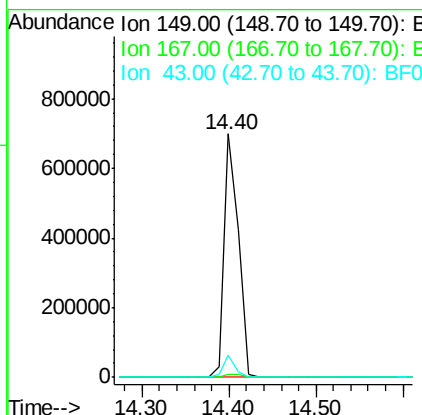
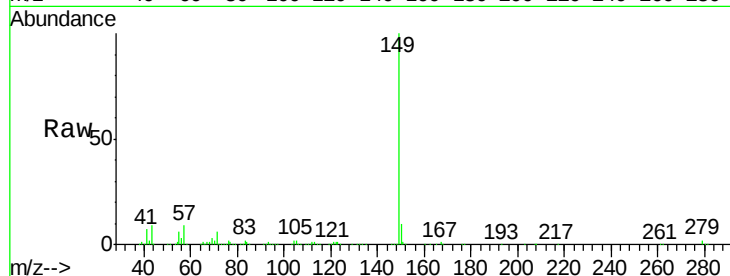




#84
Di-n-octyl phthalate
Concen: 54.60 ng
RT: 14.40 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BF088174.D
Acq: 20 Jun 2016 16:02

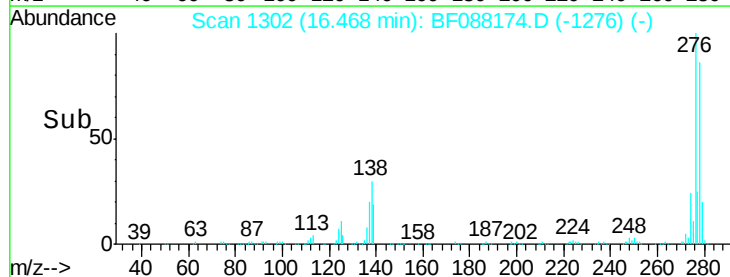
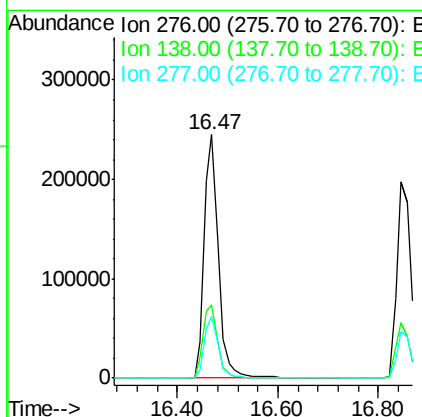
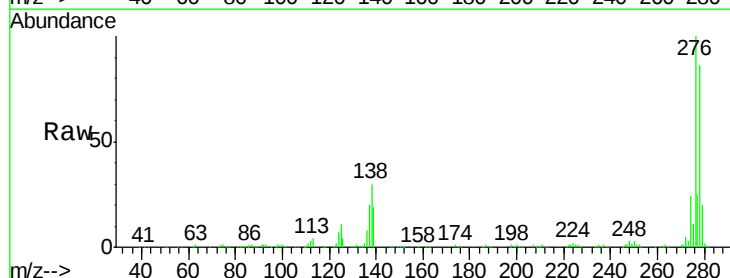
Instrument :
BNA_F
ClientSampleId :
PB91373BS

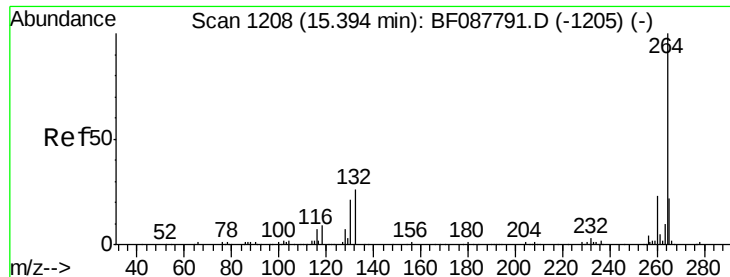
Tgt Ion:149 Resp: 802116
Ion Ratio Lower Upper
149 100
167 1.6 0.0 0.0#
43 7.6 0.0 0.0#



#85
Indeno(1,2,3-cd)pyrene
Concen: 42.56 ng
RT: 16.47 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BF088174.D
Acq: 20 Jun 2016 16:02

Tgt Ion:276 Resp: 479843
Ion Ratio Lower Upper
276 100
138 31.6 0.0 0.0#
277 24.8 0.0 0.0#



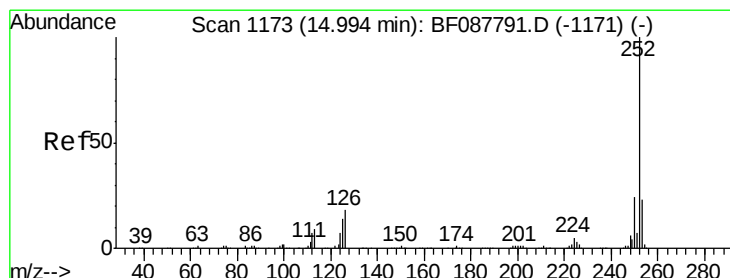
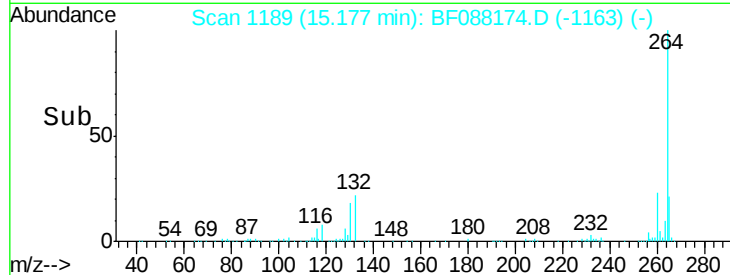
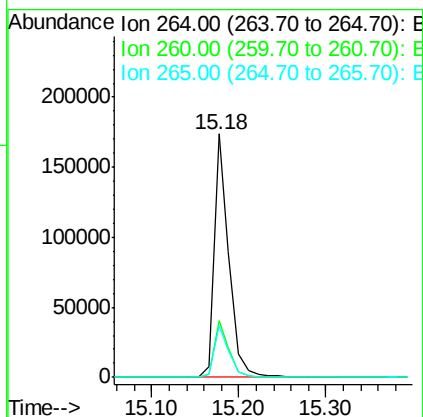
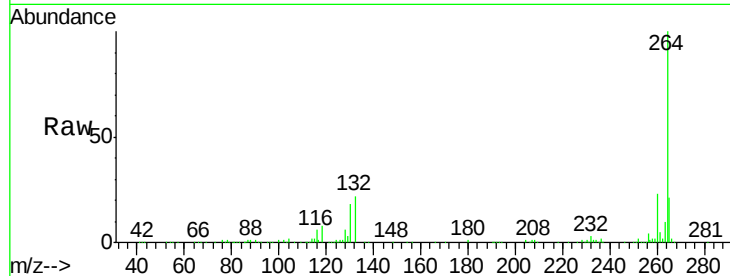


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.18 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BF088174.D
Acq: 20 Jun 2016 16:02

Instrument :
BNA_F
ClientSampleId :
PB91373BS

Tgt Ion: 264 Resp: 205265

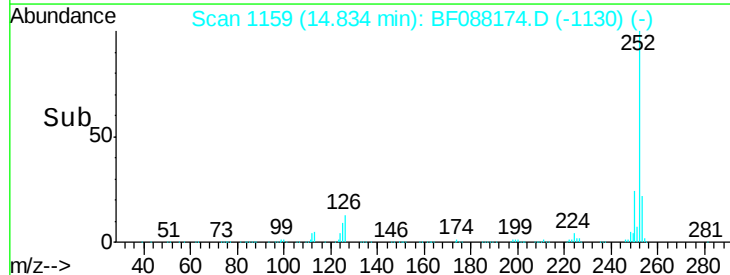
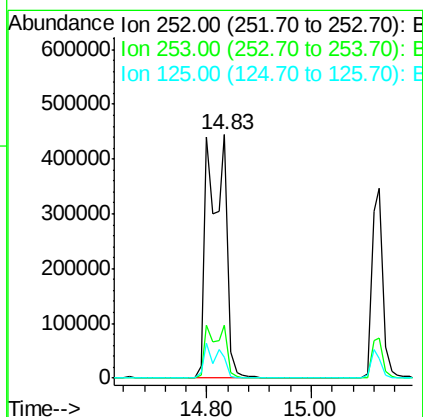
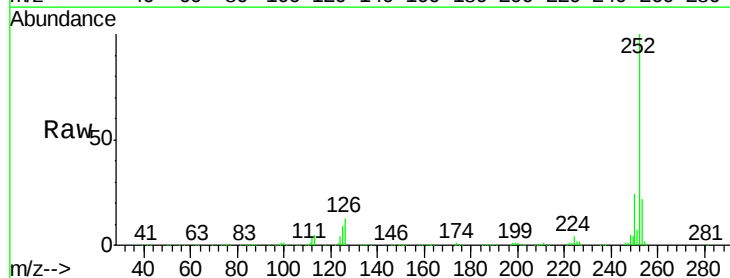
Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.4	16.9	25.3

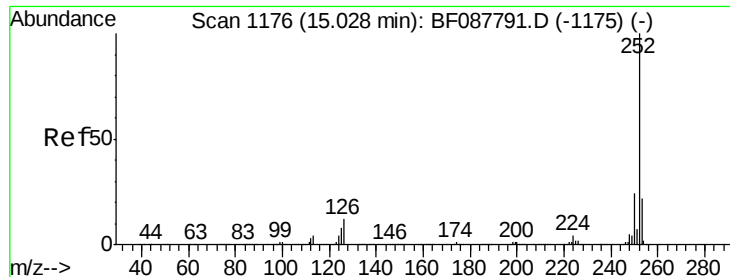


#87
Benzo(b)fluoranthene
Concen: 76.20 ng
RT: 14.83 min Scan# 1159
Delta R.T. 0.03 min
Lab File: BF088174.D
Acq: 20 Jun 2016 16:02

Tgt Ion: 252 Resp: 1090128

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	8.7	7.1	10.7





#88

Benzo(k)fluoranthene

Concen: 101.03 ng

RT: 14.83 min Scan# 1159

Delta R.T. 0.01 min

Lab File: BF088174.D

Acq: 20 Jun 2016 16:02

Instrument :

BNA_F

ClientSampleId :

PB91373BS

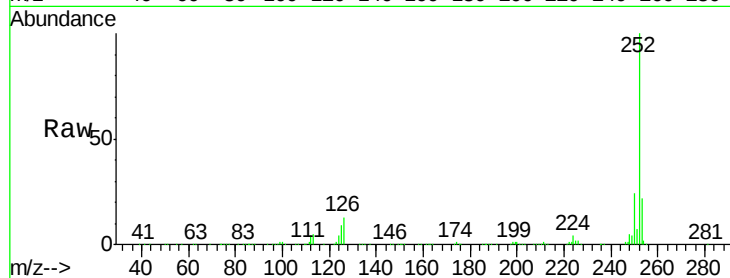
Tgt Ion:252 Resp: 1090291

Ion Ratio Lower Upper

252 100

253 21.9 18.0 27.0

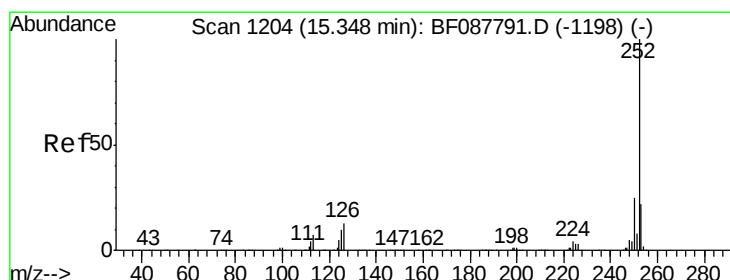
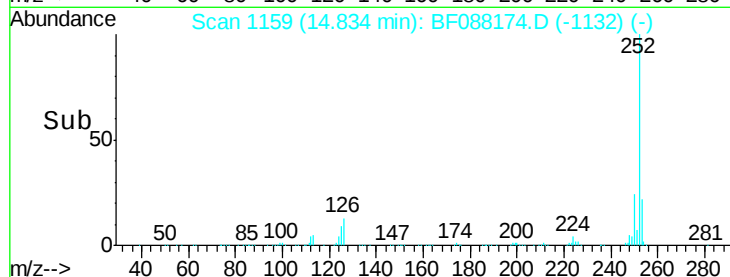
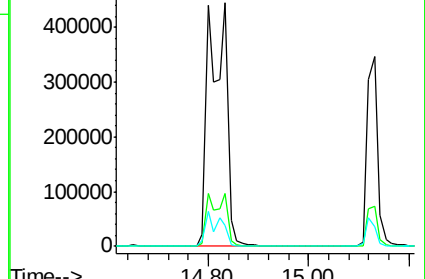
125 8.7 11.2 16.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 44.18 ng

RT: 15.13 min Scan# 1185

Delta R.T. 0.01 min

Lab File: BF088174.D

Acq: 20 Jun 2016 16:02

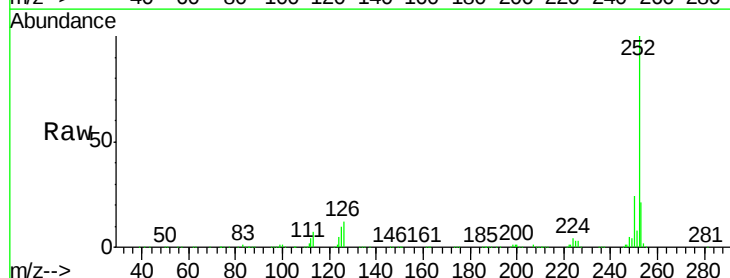
Tgt Ion:252 Resp: 511349

Ion Ratio Lower Upper

252 100

253 21.4 17.9 26.9

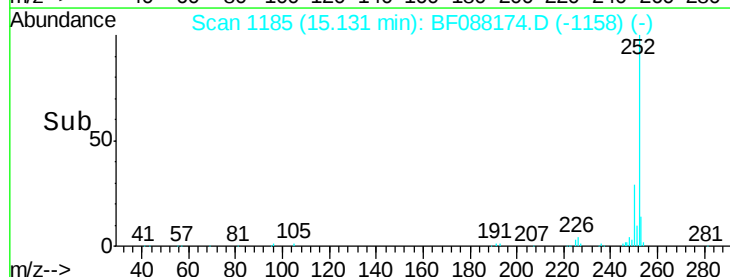
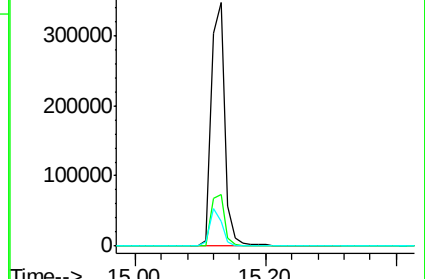
125 10.1 12.5 18.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 37.49 ng

RT: 16.47 min Scan# 1302

Delta R.T. -0.00 min

Lab File: BF088174.D

Acq: 20 Jun 2016 16:02

Instrument :

BNA_F

ClientSampleId :

PB91373BS

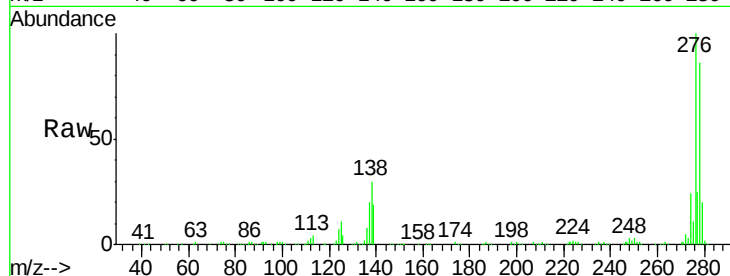
Tgt Ion:278 Resp: 403047

Ion Ratio Lower Upper

278 100

139 22.1 15.7 23.5

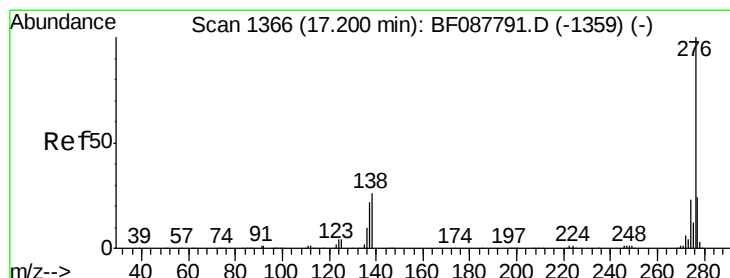
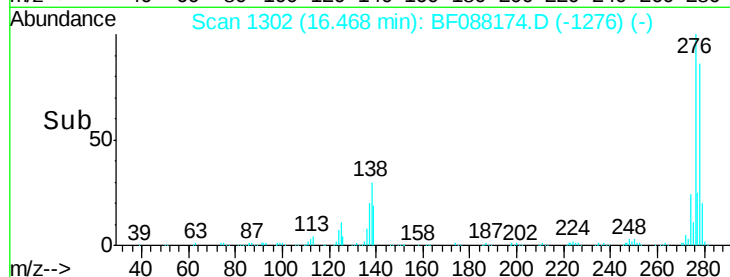
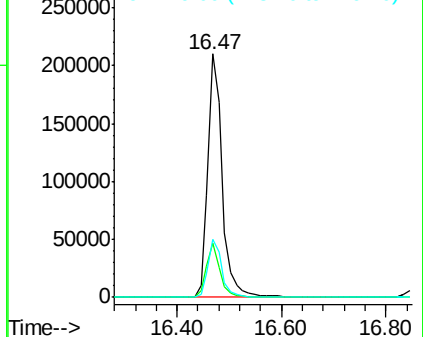
279 23.9 19.4 29.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 38.17 ng

RT: 16.85 min Scan# 1335

Delta R.T. -0.00 min

Lab File: BF088174.D

Acq: 20 Jun 2016 16:02

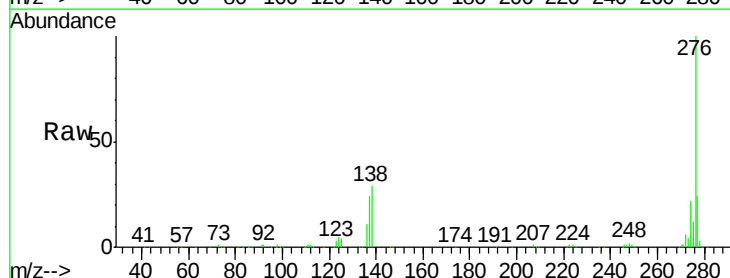
Tgt Ion:276 Resp: 422083

Ion Ratio Lower Upper

276 100

277 24.0 18.9 28.3

138 28.6 21.4 32.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

