

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070616\
 Data File : BF088744.D
 Acq On : 6 Jul 2016 20:01
 Operator : UM/SJ
 Sample : PB91776BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91776BS

Quant Time: Jul 07 01:05:35 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 17:15:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	103084	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	417062	20.00	ng	-0.03
38) Acenaphthene-d10	9.78	164	196860	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	380571	20.00	ng	-0.03
75) Chrysene-d12	13.89	240	281101	20.00	ng	-0.03
86) Perylene-d12	15.26	264	218690	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	822075	119.52	ng	-0.01
7) Phenol-d6	6.40	99	992210	111.64	ng	-0.01
23) Nitrobenzene-d5	7.31	82	692261	86.98	ng	-0.03
41) 2,4,6-Tribromophenol	10.57	330	259847	142.14	ng	-0.03
44) 2-Fluorobiphenyl	9.12	172	1203026	96.53	ng	-0.02
78) Terphenyl-d14	12.85	244	1011190	80.12	ng	-0.02

Target Compounds

						Qvalue
3) Pyridine	3.03	79	275684	27.86	ng	95
4) n-Nitrosodimethylamine	2.99	42	120499	31.88	ng	88
6) Aniline	6.41	93	336350	25.97	ng	# 1
8) 2-Chlorophenol	6.54	128	294550	39.84	ng	97
9) Benzaldehyde	6.30	77	209680	34.83	ng	99
10) Phenol	6.41	94	420499	41.46	ng	# 68
11) bis(2-Chloroethyl)ether	6.49	93	256814	33.95	ng	91
12) 1,3-Dichlorobenzene	6.76	146	286788	35.25	ng	96
13) 1,4-Dichlorobenzene	6.76	146	286788	35.52	ng	95
14) 1,2-Dichlorobenzene	6.92	146	296971	39.29	ng	96
15) Benzyl Alcohol	6.90	79	286494	43.80	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.04	45	340100	31.05	ng	88
17) 2-Methylphenol	7.02	107	254601	42.22	ng	96
18) Hexachloroethane	7.27	117	119700	38.33	ng	98
19) n-Nitroso-di-n-propylamine	7.18	70	209086	35.02	ng	91
20) 3+4-Methylphenols	7.18	107	323923	44.75	ng	# 84
22) Acetophenone	7.16	105	405511	40.06	ng	# 87
24) Nitrobenzene	7.34	77	325998	40.63	ng	# 85
25) Isophorone	7.58	82	620963	42.12	ng	95
26) 2-Nitrophenol	7.66	139	176862	53.75	ng	# 86
27) 2,4-Dimethylphenol	7.70	122	308084	44.95	ng	89
28) bis(2-Chloroethoxy)methane	7.79	93	379705	39.58	ng	# 95
29) 2,4-Dichlorophenol	7.90	162	254911	46.02	ng	99
30) 1,2,4-Trichlorobenzene	7.98	180	242775	39.94	ng	98
31) Naphthalene	8.06	128	836011	40.66	ng	99
32) Benzoic acid	7.78	122	26515	5.33	ng	95
33) 4-Chloroaniline	8.10	127	187766	20.53	ng	95
34) Hexachlorobutadiene	8.18	225	145717	44.77	ng	99
35) Caprolactam	8.42	113	3792	2.02	ng	86
36) 4-Chloro-3-methylphenol	8.59	107	264571	40.39	ng	90
37) 2-Methylnaphthalene	8.75	142	567045	42.83	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	214545	32.77	ng	# 1
40) Hexachlorocyclopentadiene	8.90	237	233418	72.63	ng	99
42) 2,4,6-Trichlorophenol	9.03	196	193579	44.84	ng	98

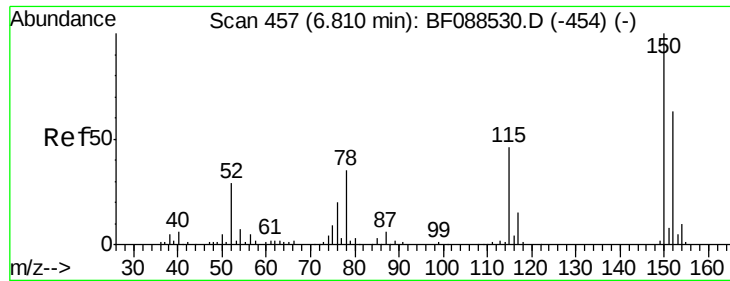
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070616\
 Data File : BF088744.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 17:15:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.06	196	171642	46.21	ng	# 81
45) 1,1'-Biphenyl	9.21	154	615453	37.75	ng	99
46) 2-Chloronaphthalene	9.23	162	501734	39.21	ng	97
47) 2-Nitroaniline	9.32	65	177723	39.13	ng	95
48) Acenaphthylene	9.64	152	786929	38.65	ng	100
49) Dimethylphthalate	9.52	163	580689	41.40	ng	100
50) 2,6-Dinitrotoluene	9.58	165	135048	43.45	ng	# 53
51) Acenaphthene	9.82	154	483408	38.73	ng	98
52) 3-Nitroaniline	9.74	138	101254	25.63	ng	85
53) 2,4-Dinitrophenol	9.85	184	45750	33.33	ng	# 68
54) Dibenzofuran	9.99	168	697534	42.70	ng	# 85
55) 4-Nitrophenol	9.92	139	274679	91.47	ng	# 73
56) 2,4-Dinitrotoluene	9.98	165	170629	41.98	ng	# 45
57) Fluorene	10.33	166	514381	40.86	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.11	232	150086	52.23	ng	# 55
59) Diethylphthalate	10.22	149	626530	44.51	ng	98
60) 4-Chlorophenyl-phenylether	10.33	204	274640	46.95	ng	93
61) 4-Nitroaniline	10.35	138	149812	39.40	ng	82
62) Azobenzene	10.49	77	755359	47.05	ng	92
64) 4,6-Dinitro-2-methylphenol	10.39	198	57310	28.15	ng	# 61
65) n-Nitrosodiphenylamine	10.44	169	488097	37.90	ng	99
66) 4-Bromophenyl-phenylether	10.81	248	153590	40.05	ng	# 73
67) Hexachlorobenzene	10.88	284	187651	44.20	ng	# 88
68) Atrazine	10.98	200	191184	47.63	ng	96
69) Pentachlorophenol	11.07	266	155615	61.94	ng	98
70) Phenanthrene	11.29	178	944307	45.39	ng	99
71) Anthracene	11.34	178	798145	38.58	ng	100
72) Carbazole	11.50	167	883145	45.36	ng	99
73) Di-n-butylphthalate	11.83	149	954381	42.14	ng	# 99
74) Fluoranthene	12.47	202	918106	43.53	ng	98
76) Benzidine	12.59	184	586079	41.25	ng	97
77) Pyrene	12.70	202	948553	39.80	ng	99
79) Butylbenzylphthalate	13.33	149	447389	42.08	ng	96
80) Benzo(a)anthracene	13.87	228	738722	40.81	ng	100
81) 3,3'-Dichlorobenzidine	13.84	252	127024	18.67	ng	# 95
82) Chrysene	13.91	228	686893	38.36	ng	98
83) Bis(2-ethylhexyl)phthalate	13.89	149	565843	46.62	ng	# 99
84) Di-n-octyl phthalate	14.49	149	958004	46.46	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.58	276	547030	39.70	ng	# 100
87) Benzo(b)fluoranthene	14.88	252	608741	44.37	ng	# 96
88) Benzo(k)fluoranthene	14.88	252	608741	50.97	ng	98
89) Benzo(a)pyrene	15.21	252	567915	48.89	ng	# 95
90) Dibenzo(a,h)anthracene	16.59	278	452303	46.63	ng	98
91) Benzo(g,h,i)perylene	16.97	276	464984	46.33	ng	98

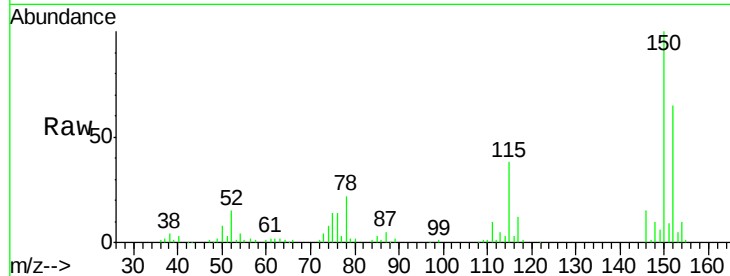
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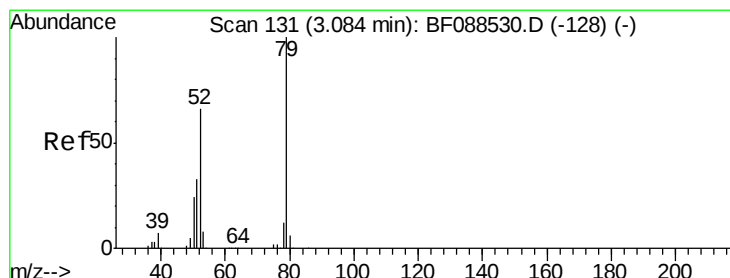
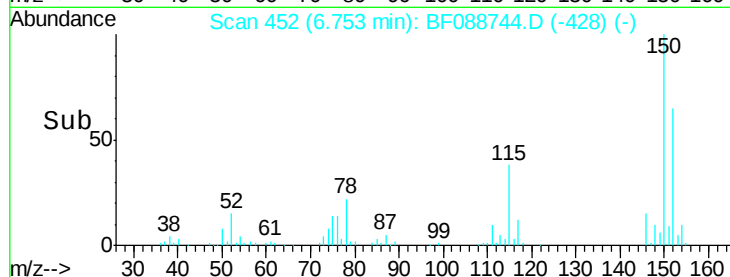
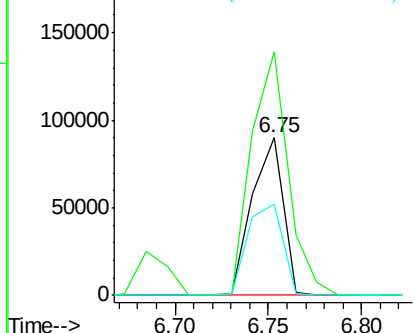
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.75 min Scan# 452
 Delta R.T. -0.02 min
 Lab File: BF088744.D
 Acq: 6 Jul 2016 20:01

Instrument :
 BNA_F
 ClientSampleId :
 PB91776BS

Tgt Ion:152 Resp: 103084
 Ion Ratio Lower Upper
 152 100
 150 154.3 123.8 185.6
 115 58.2 39.6 59.4

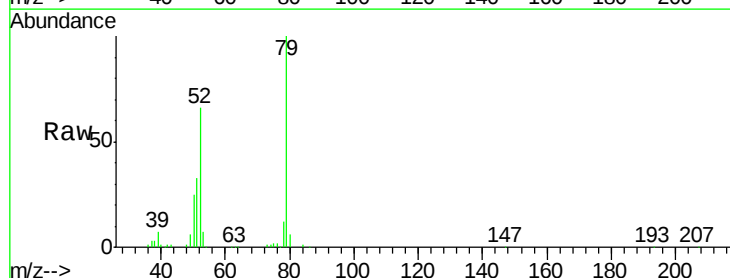


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

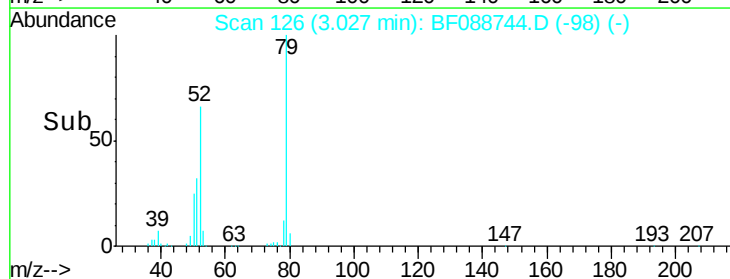
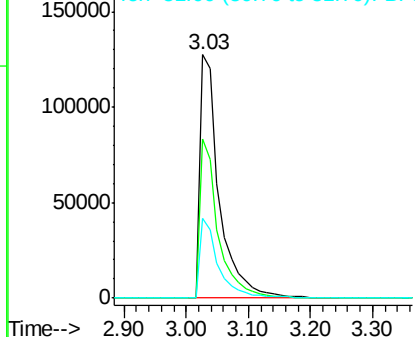


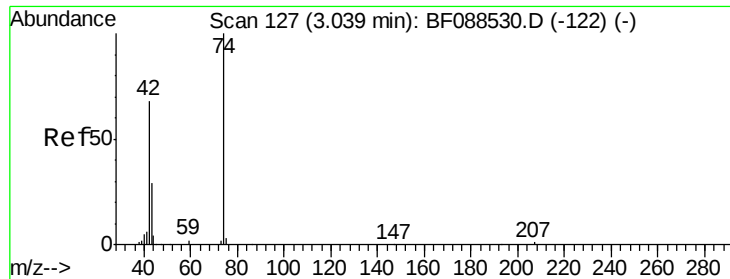
#3
 Pyridine
 Concen: 27.86 ng
 RT: 3.03 min Scan# 126
 Delta R.T. 0.02 min
 Lab File: BF088744.D
 Acq: 6 Jul 2016 20:01

Tgt Ion: 79 Resp: 275684
 Ion Ratio Lower Upper
 79 100
 52 65.6 56.3 84.5
 51 32.5 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



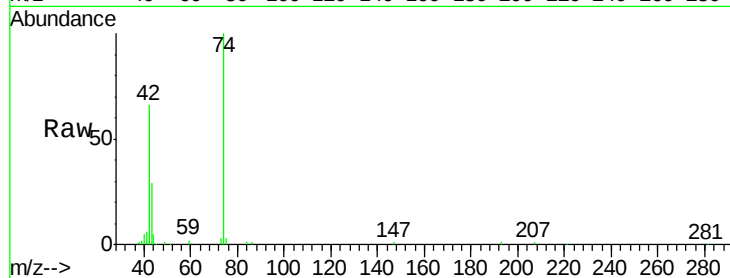


#4

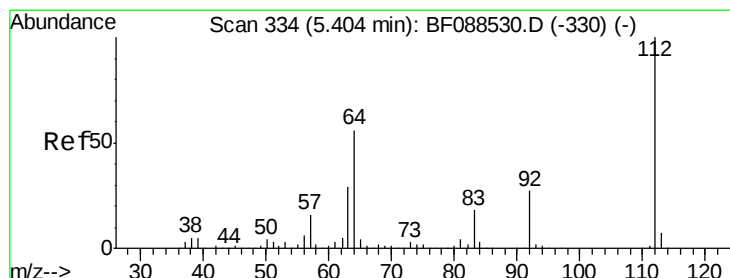
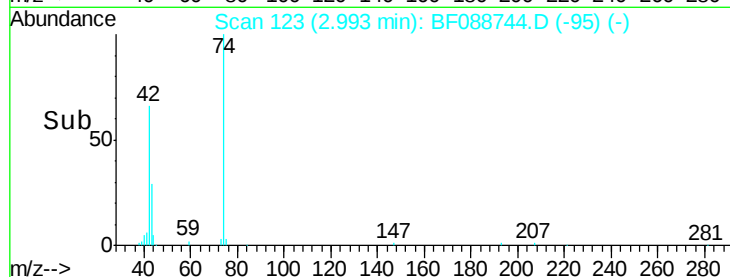
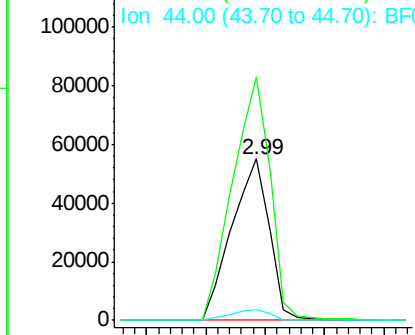
n-Nitrosodimethylamine
Concen: 31.88 ng
RT: 2.99 min Scan# 123
Delta R.T. 0.02 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

Instrument :
BNA_F
ClientSampleId :
PB91776BS

Tgt Ion: 42 Resp: 120499
Ion Ratio Lower Upper
42 100
74 151.0 108.6 163.0
44 7.0 5.5 8.3



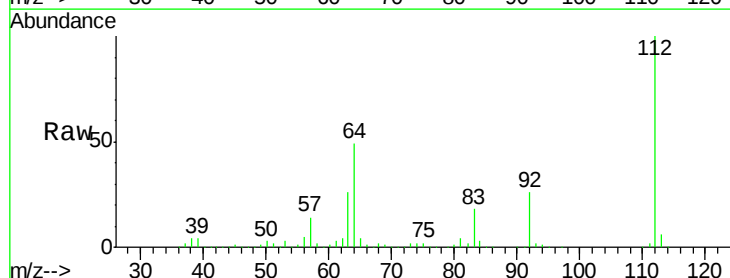
Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0



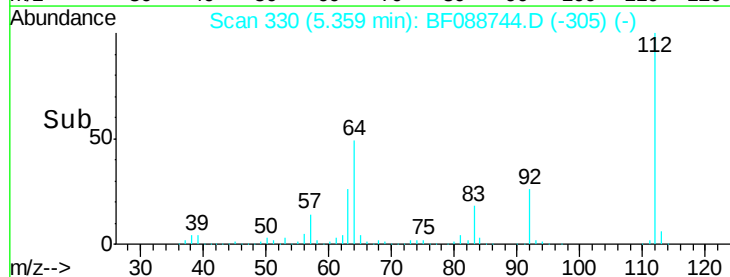
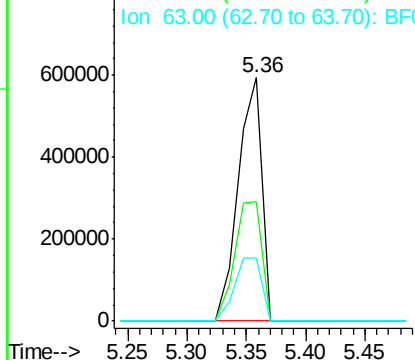
#5

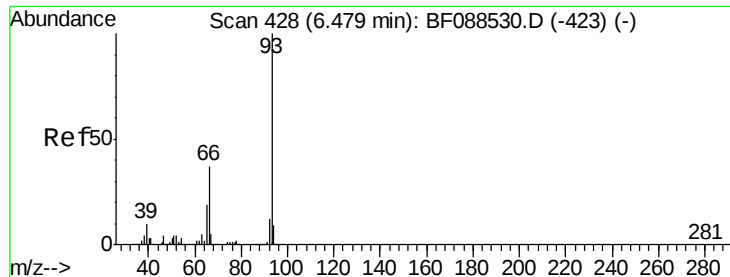
2-Fluorophenol
Concen: 119.52 ng
RT: 5.36 min Scan# 330
Delta R.T. -0.01 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

Tgt Ion: 112 Resp: 822075
Ion Ratio Lower Upper
112 100
64 48.9 42.2 63.2
63 26.0 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 25.97 ng

RT: 6.41 min Scan# 422

Delta R.T. -0.02 min

Lab File: BF088744.D

Acq: 6 Jul 2016 20:01

Instrument :

BNA_F

ClientSampleId :

PB91776BS

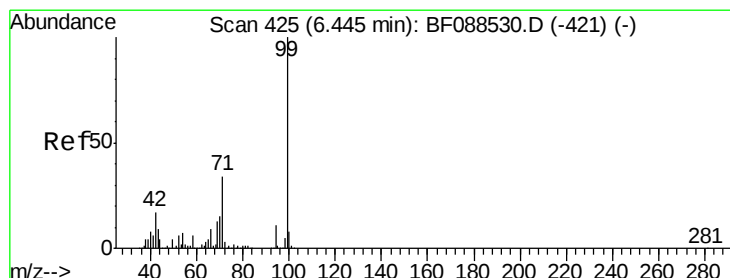
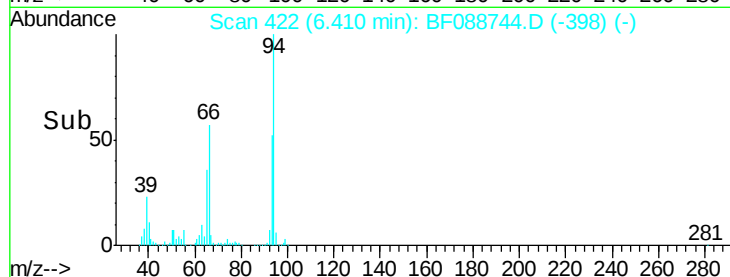
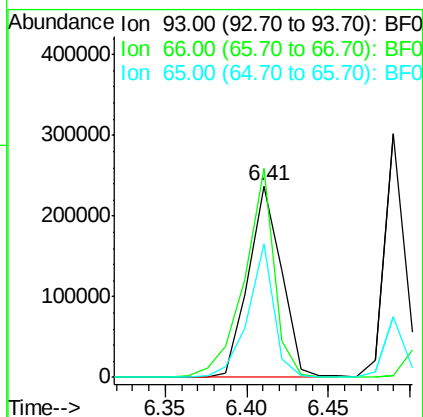
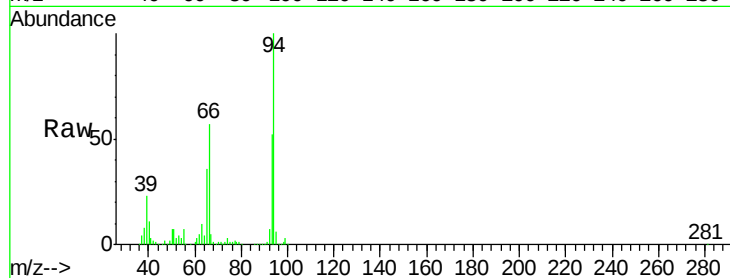
Tgt Ion: 93 Resp: 336350

Ion Ratio Lower Upper

93 100

66 108.9 29.8 44.8#

65 69.7 14.9 22.3#



#7

Phenol-d6

Concen: 111.64 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF088744.D

Acq: 6 Jul 2016 20:01

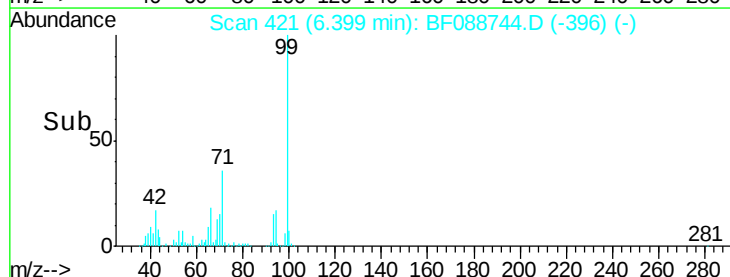
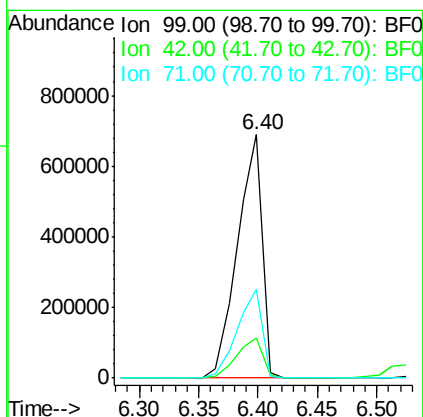
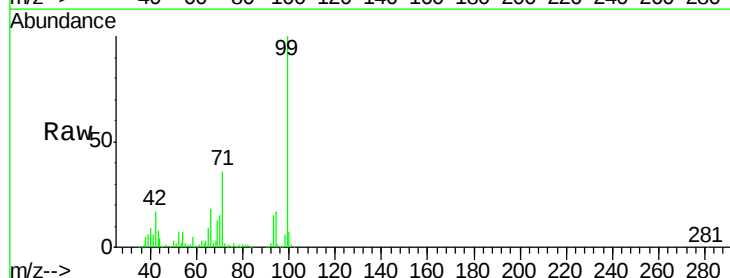
Tgt Ion: 99 Resp: 992210

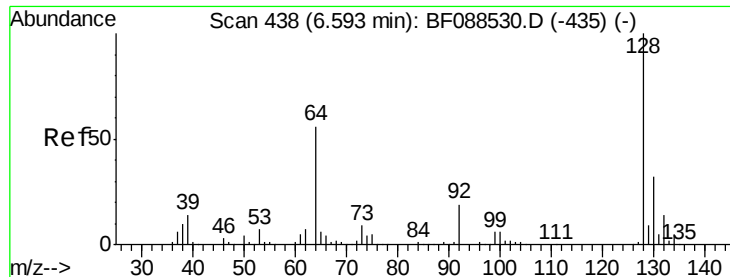
Ion Ratio Lower Upper

99 100

42 16.6 12.2 18.2

71 36.5 23.4 35.0#

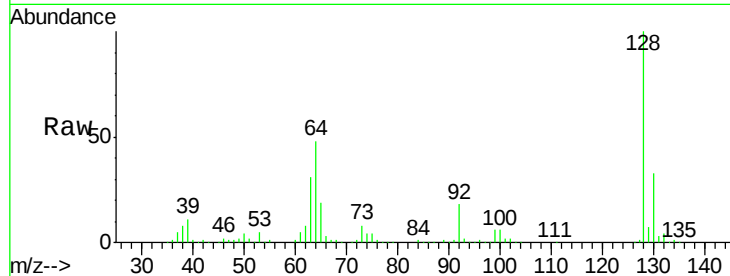




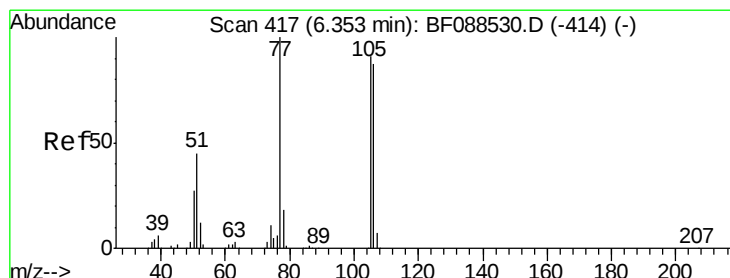
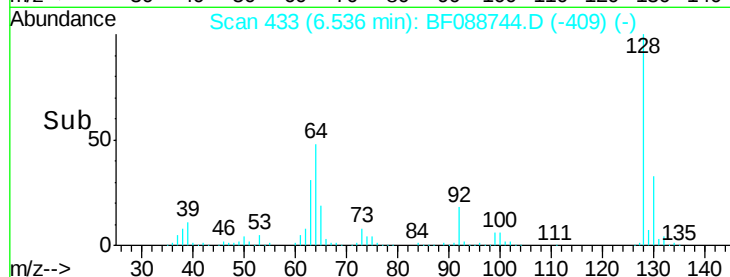
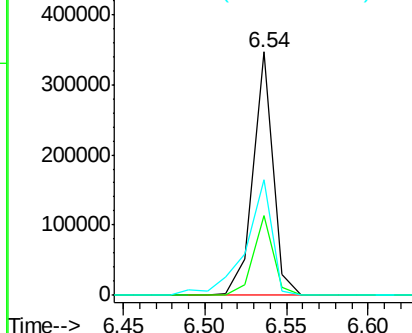
#8
2-Chlorophenol
Concen: 39.84 ng
RT: 6.54 min Scan# 433
Delta R.T. -0.02 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

Instrument :
BNA_F
ClientSampleId :
PB91776BS

Tgt Ion: 128 Resp: 294550
Ion Ratio Lower Upper
128 100
130 32.7 12.0 52.0
64 47.5 30.8 70.8

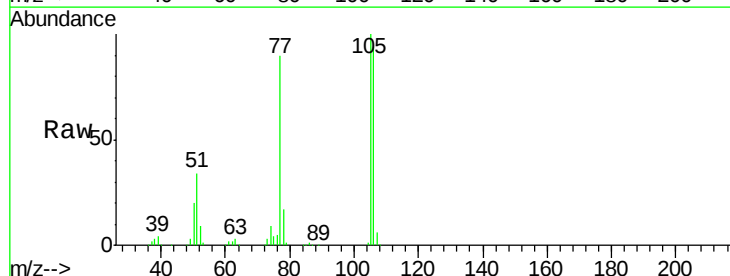


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0

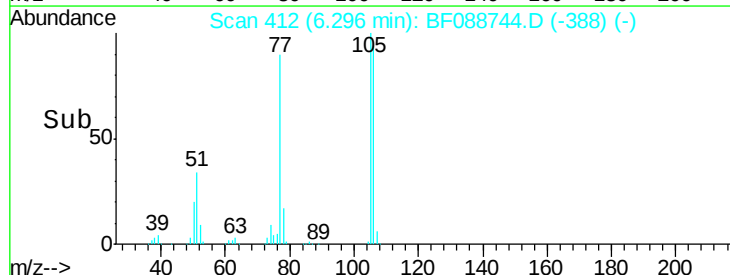
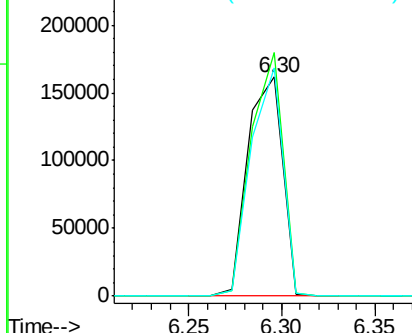


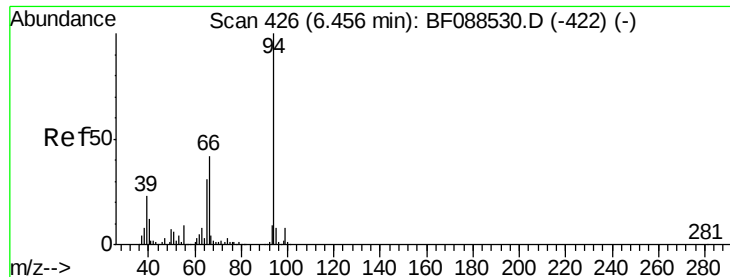
#9
Benzaldehyde
Concen: 34.83 ng
RT: 6.30 min Scan# 412
Delta R.T. -0.02 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

Tgt Ion: 77 Resp: 209680
Ion Ratio Lower Upper
77 100
105 111.2 90.6 130.6
106 104.5 85.3 125.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 41.46 ng

RT: 6.41 min Scan# 422

Delta R.T. -0.02 min

Lab File: BF088744.D

Acq: 6 Jul 2016 20:01

Instrument :

BNA_F

ClientSampleId :

PB91776BS

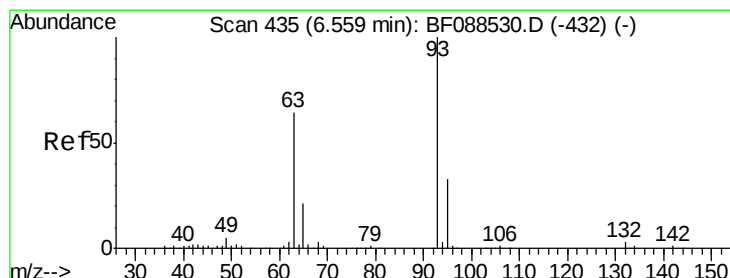
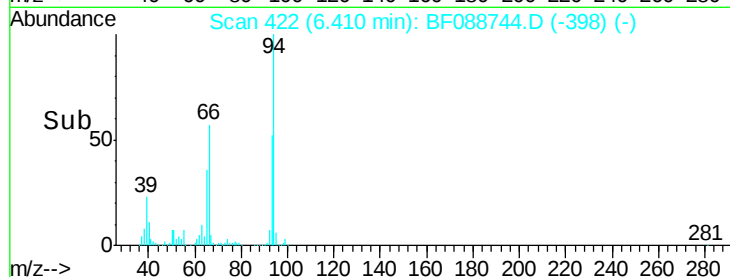
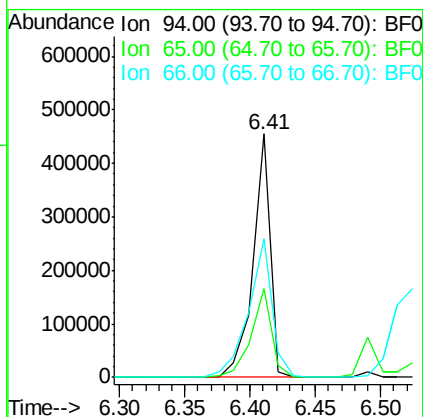
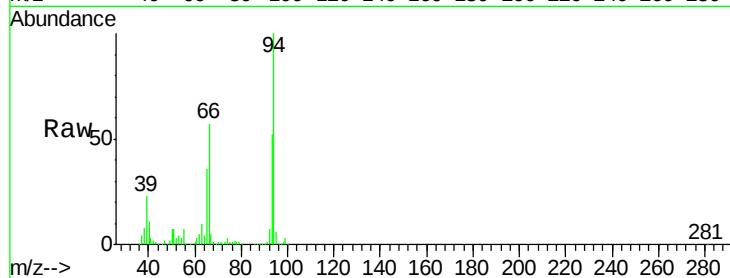
Tgt Ion: 94 Resp: 420499

Ion Ratio Lower Upper

94 100

65 36.4 5.9 45.9

66 56.8 14.0 54.0#



#11

bis(2-Chloroethyl)ether

Concen: 33.95 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.02 min

Lab File: BF088744.D

Acq: 6 Jul 2016 20:01

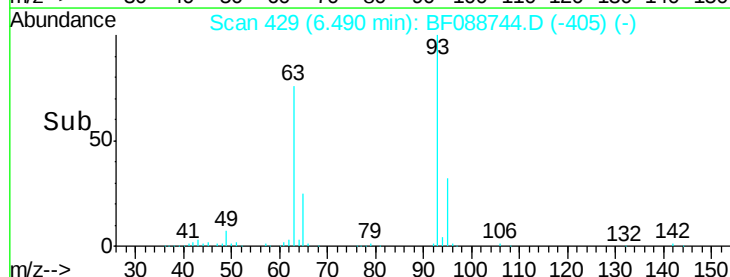
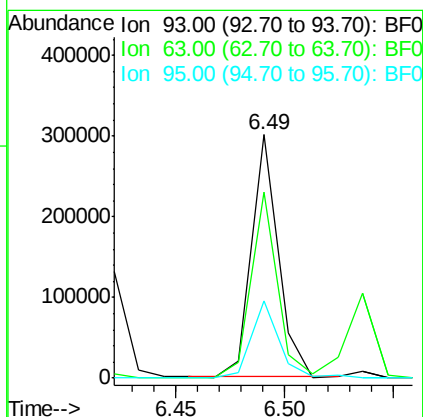
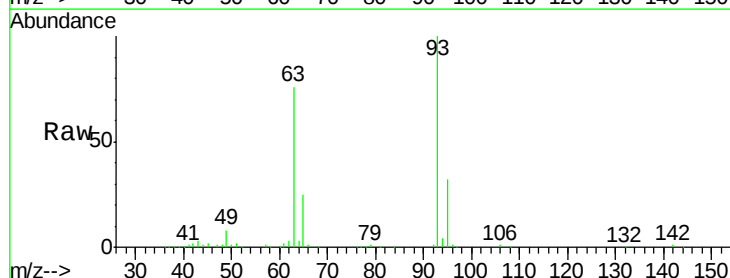
Tgt Ion: 93 Resp: 256814

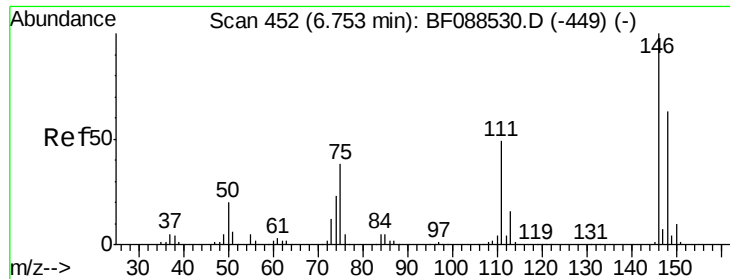
Ion Ratio Lower Upper

93 100

63 76.2 67.6 107.6

95 31.9 12.5 52.5

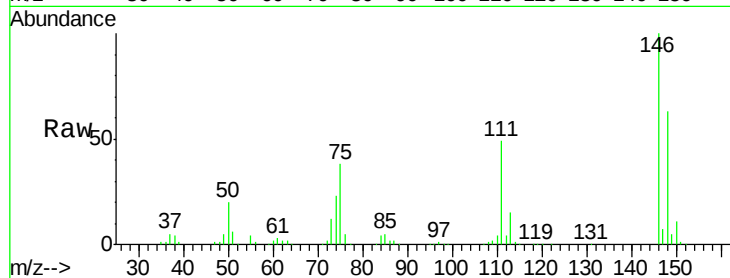




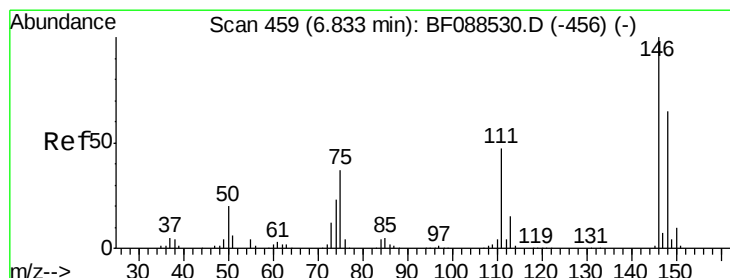
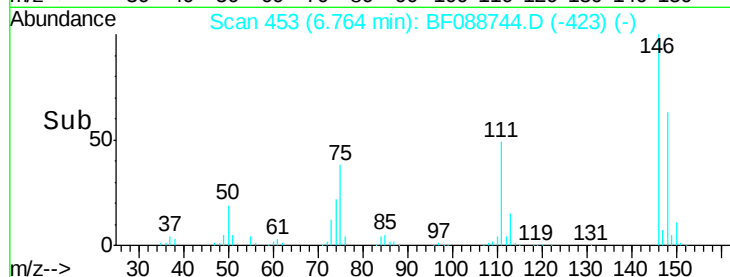
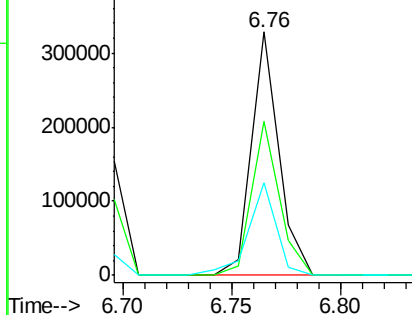
#12
 1,3-Dichlorobenzene
 Concen: 35.25 ng
 RT: 6.76 min Scan# 453
 Delta R.T. 0.05 min
 Lab File: BF088744.D
 Acq: 6 Jul 2016 20:01

Instrument :
 BNA_F
 ClientSampleId :
 PB91776BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.9	76.3
75	38.2	25.6	38.4

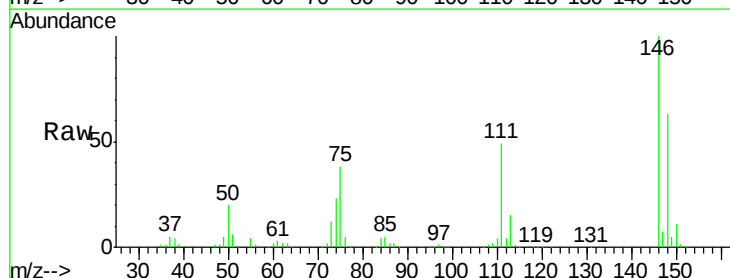


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

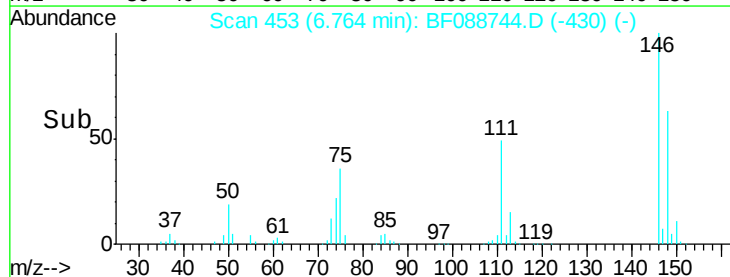
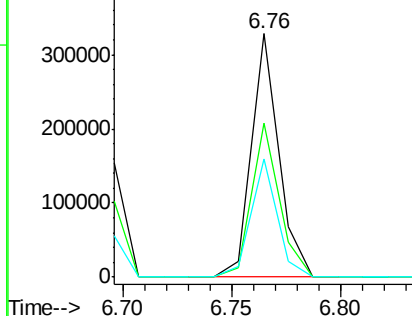


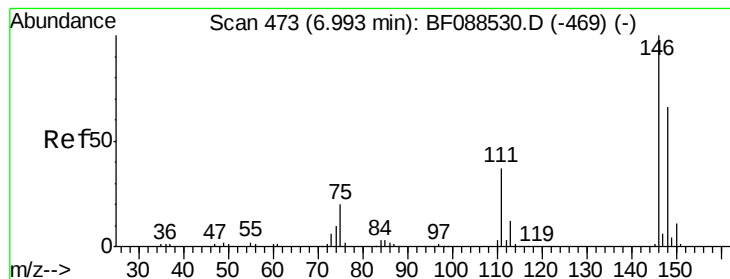
#13
 1,4-Dichlorobenzene
 Concen: 35.52 ng
 RT: 6.76 min Scan# 453
 Delta R.T. -0.03 min
 Lab File: BF088744.D
 Acq: 6 Jul 2016 20:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	52.0	78.0
111	48.7	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: 39.29 ng

RT: 6.92 min Scan# 467

Delta R.T. -0.02 min

Lab File: BF088744.D

Acq: 6 Jul 2016 20:01

Instrument :

BNA_F

ClientSampleId :

PB91776BS

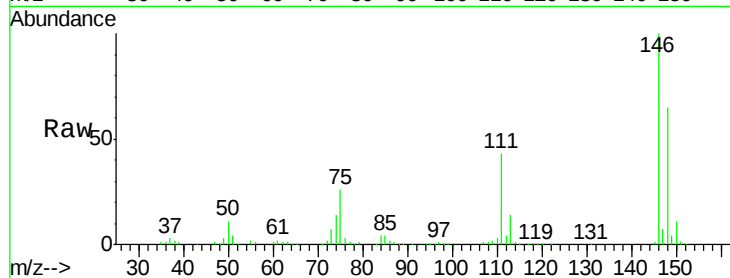
Tgt Ion:146 Resp: 296971

Ion Ratio Lower Upper

146 100

148 65.3 52.3 78.5

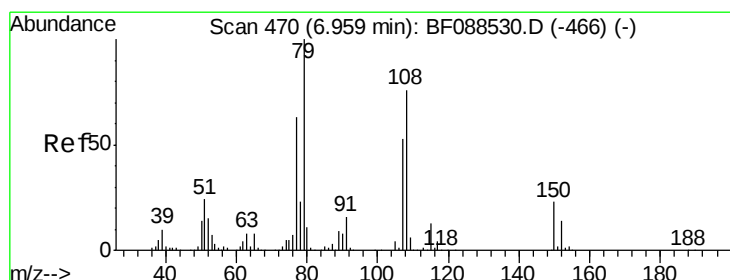
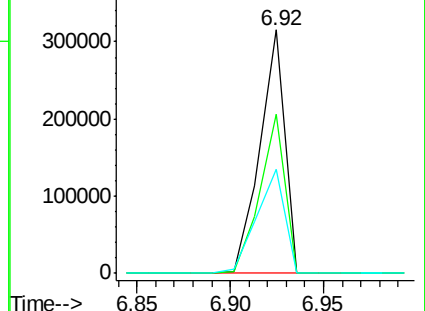
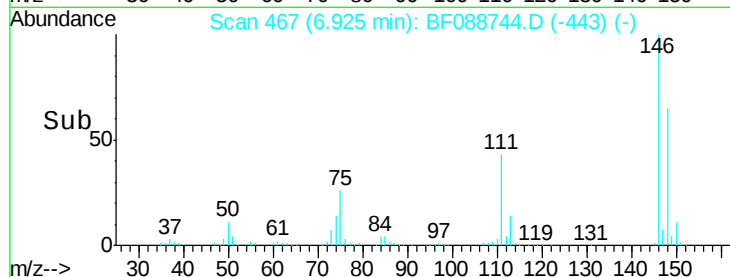
111 42.9 28.7 43.1



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: 43.80 ng

RT: 6.90 min Scan# 465

Delta R.T. -0.02 min

Lab File: BF088744.D

Acq: 6 Jul 2016 20:01

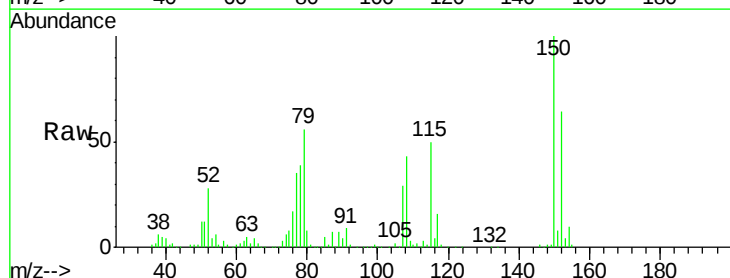
Tgt Ion: 79 Resp: 286494

Ion Ratio Lower Upper

79 100

108 76.4 65.0 97.6

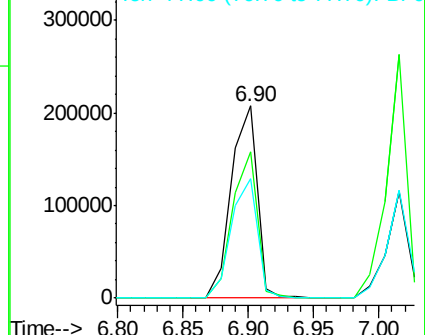
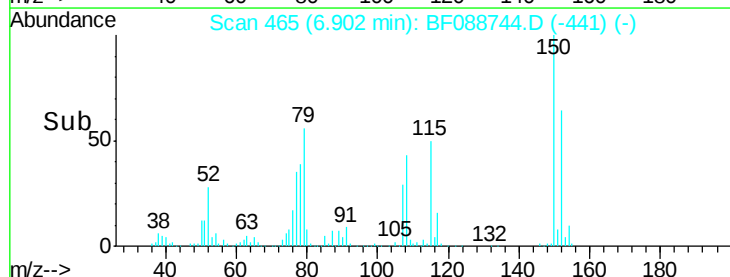
77 62.3 50.3 75.5

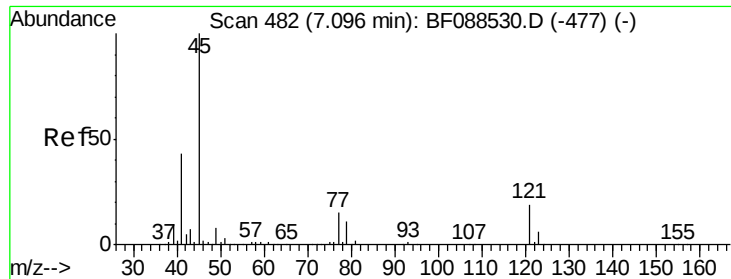


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

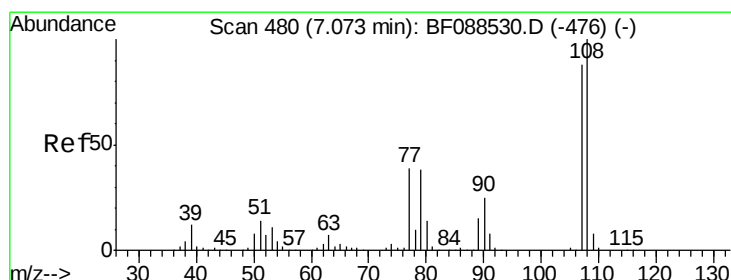
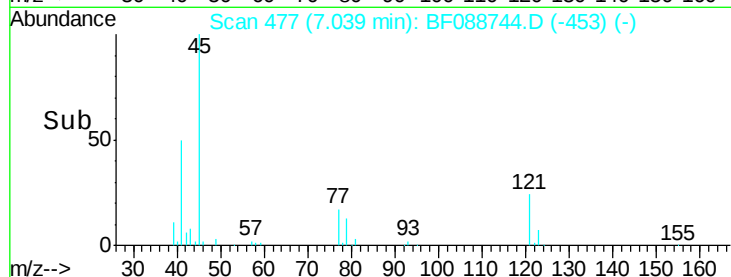
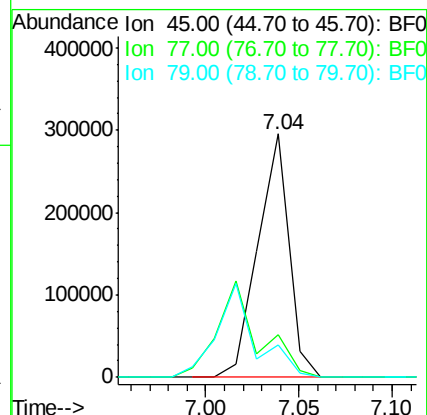
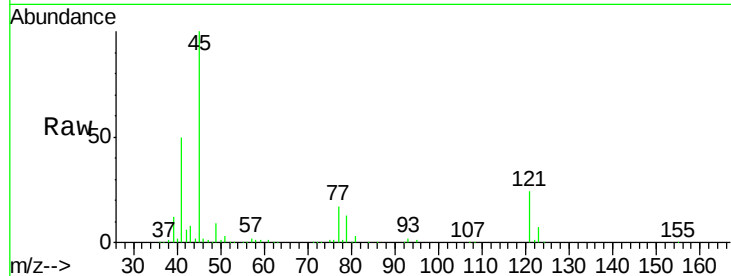




#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.05 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.02 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

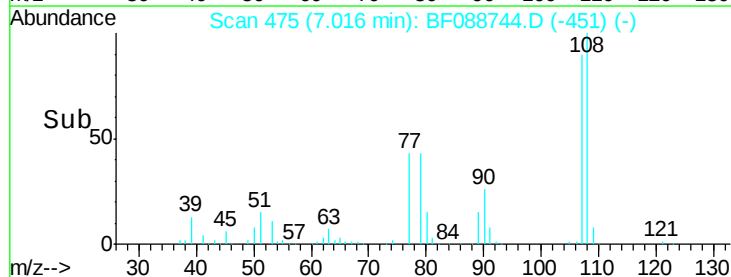
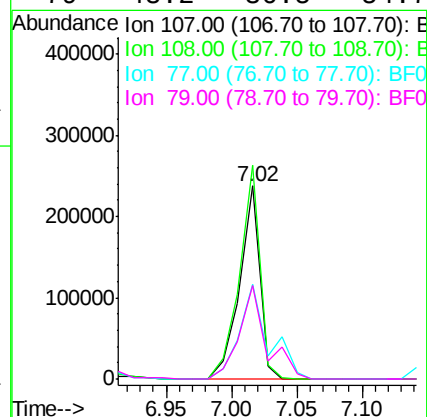
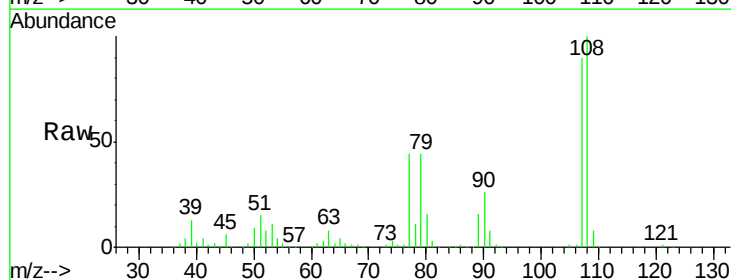
Instrument :
BNA_F
ClientSampleId :
PB91776BS

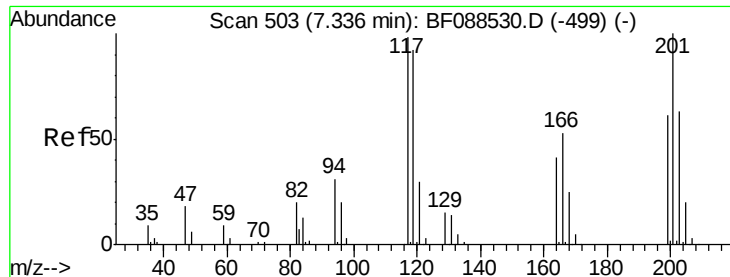
Tgt Ion: 45 Resp: 340100
Ion Ratio Lower Upper
45 100
77 17.4 0.0 32.5
79 13.5 0.0 29.5



#17
2-Methylphenol
Concen: 42.22 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

Tgt Ion: 107 Resp: 254601
Ion Ratio Lower Upper
107 100
108 110.7 90.9 136.3
77 49.1 36.6 55.0
79 48.2 36.5 54.7

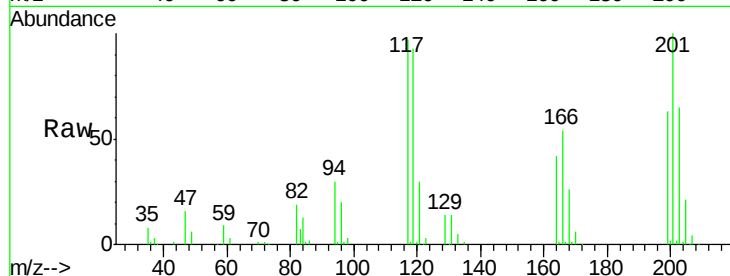




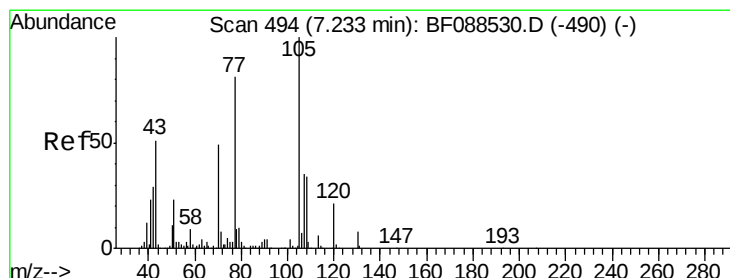
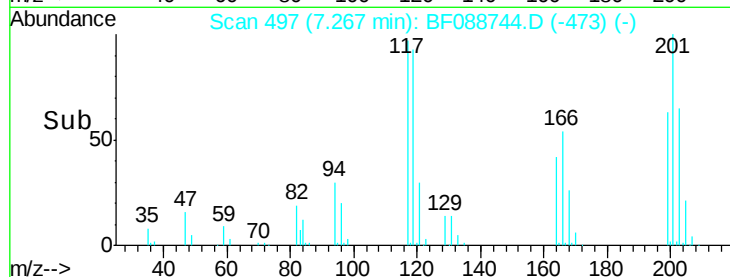
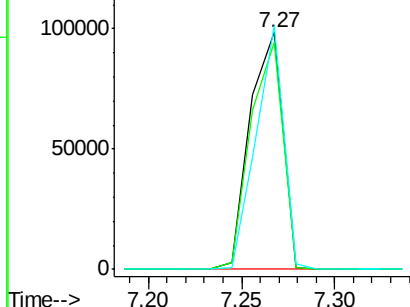
#18
Hexachloroethane
Concen: 38.33 ng
RT: 7.27 min Scan# 497
Delta R.T. -0.02 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

Instrument :
BNA_F
ClientSampleId :
PB91776BS

Tgt Ion: 117 Resp: 119700
Ion Ratio Lower Upper
117 100
119 95.9 77.4 116.2
201 102.7 80.4 120.6



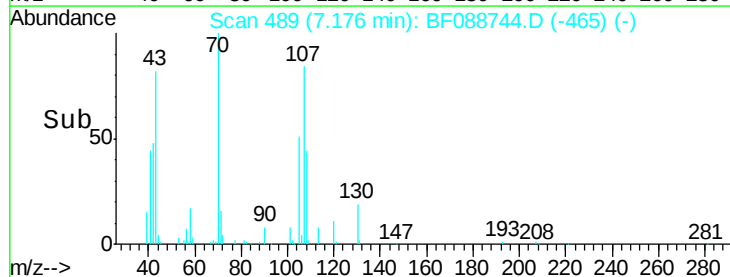
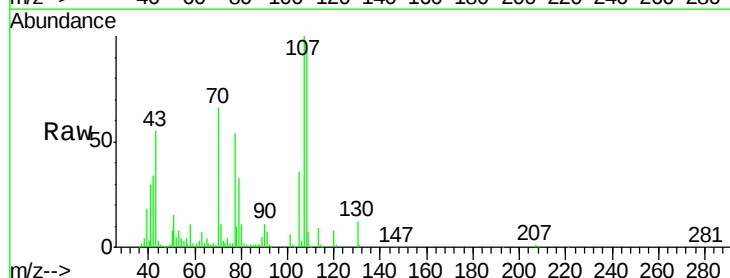
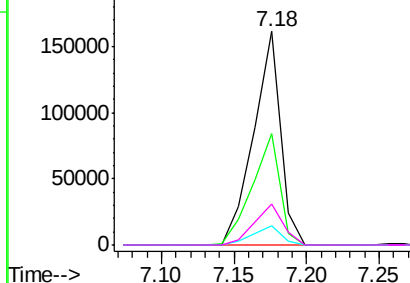
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

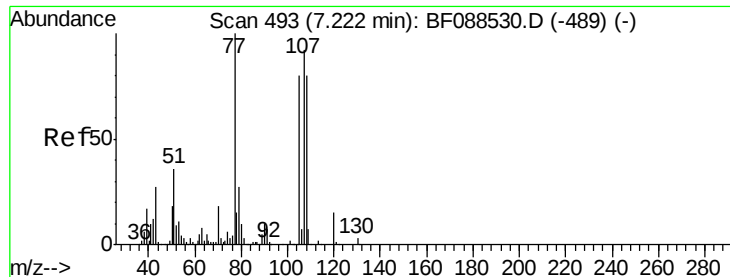


#19
n-Nitroso-di-n-propylamine
Concen: 35.02 ng
RT: 7.18 min Scan# 489
Delta R.T. -0.02 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

Tgt Ion: 70 Resp: 209086
Ion Ratio Lower Upper
70 100
42 52.0 49.6 74.4
101 9.1 7.1 10.7
130 18.9 15.4 23.2

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





#20

3+4-Methylphenols

Concen: 44.75 ng

RT: 7.18 min Scan# 489

Delta R.T. -0.02 min

Lab File: BF088744.D

Acq: 6 Jul 2016 20:01

Instrument :

BNA_F

ClientSampleId :

PB91776BS

Tgt Ion:107 Resp: 323923

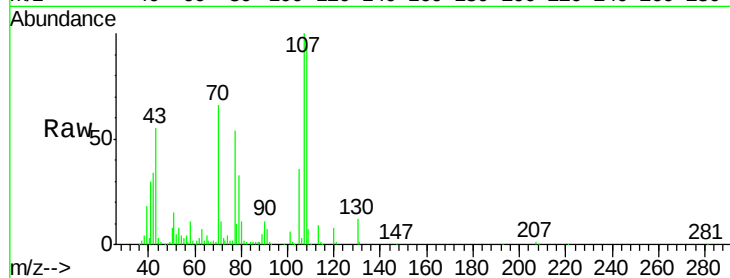
Ion Ratio Lower Upper

107 100

108 94.1 67.8 107.8

77 54.2 59.3 99.3#

79 32.9 7.0 47.0



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

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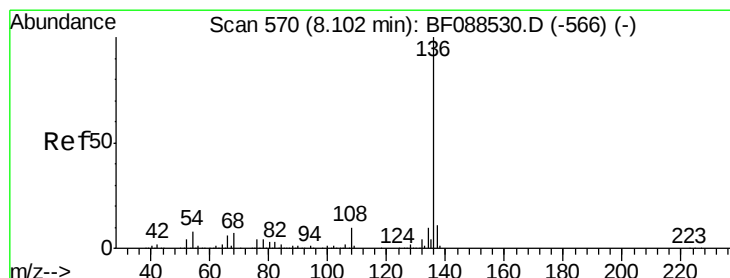
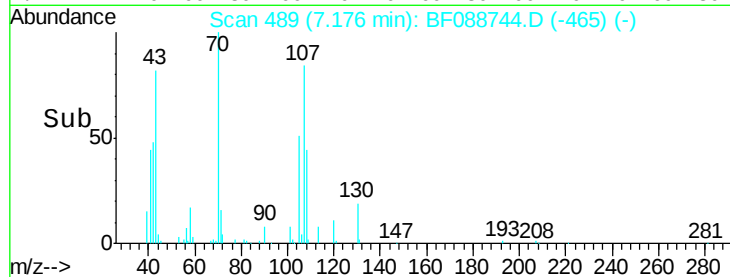
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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 564

Delta R.T. -0.03 min

Lab File: BF088744.D

Acq: 6 Jul 2016 20:01

Tgt Ion:136 Resp: 417062

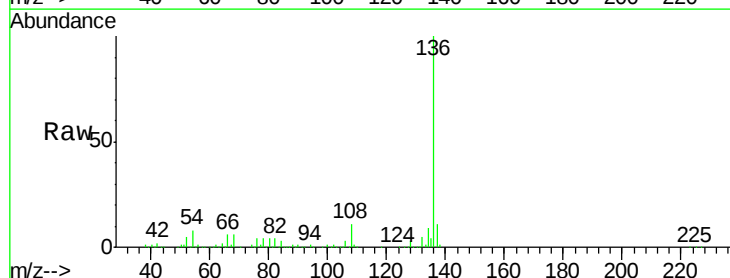
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 7.9 6.6 10.0

68 6.3 5.1 7.7



Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

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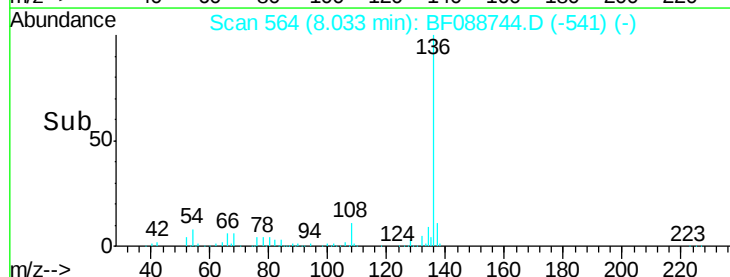
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Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

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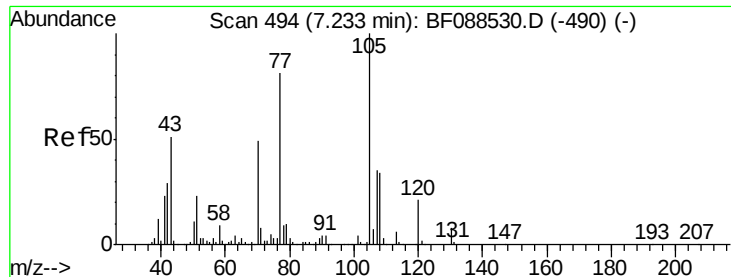
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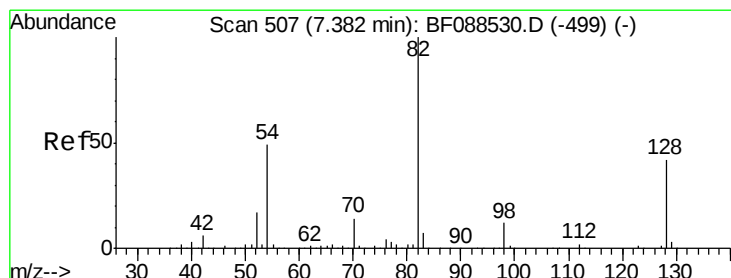
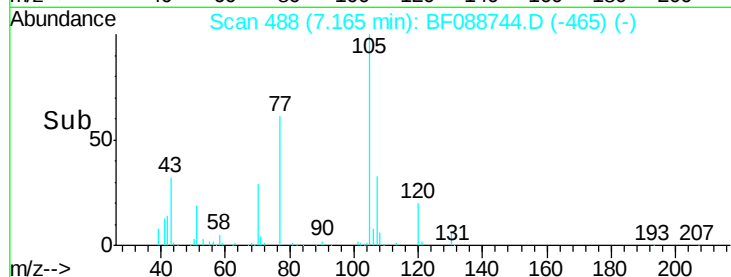
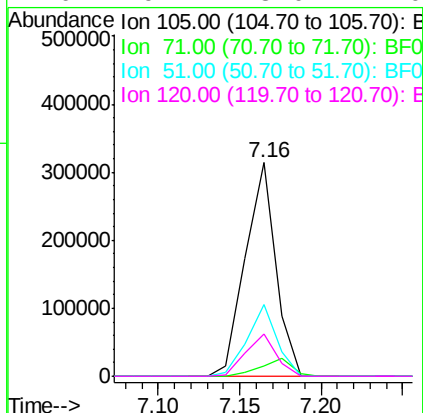
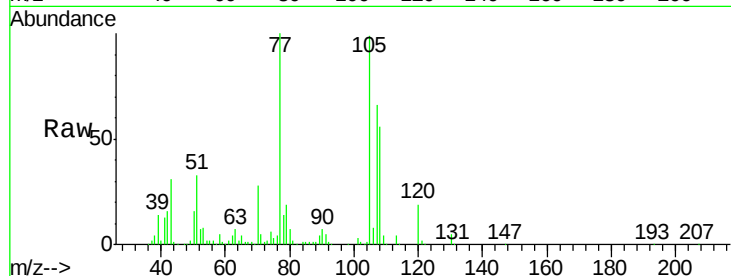
Time-->



#22
Acetophenone
Concen: 40.06 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.03 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

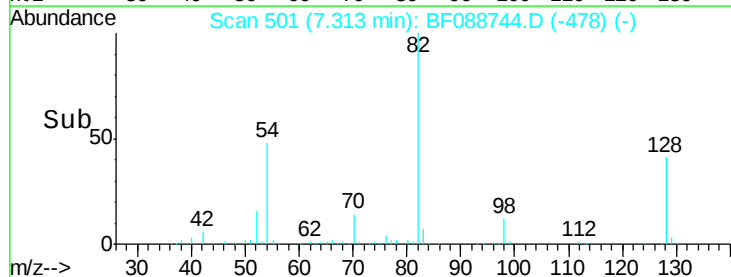
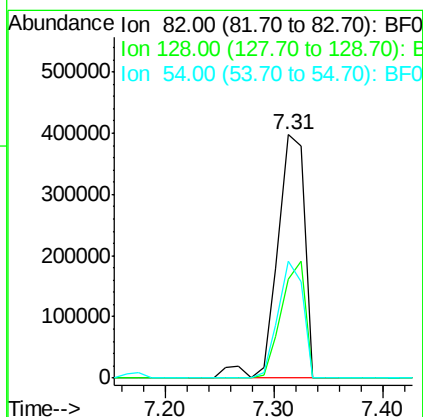
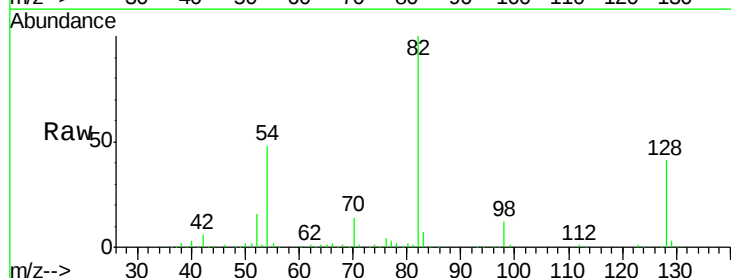
Instrument :
BNA_F
ClientSampleId :
PB91776BS

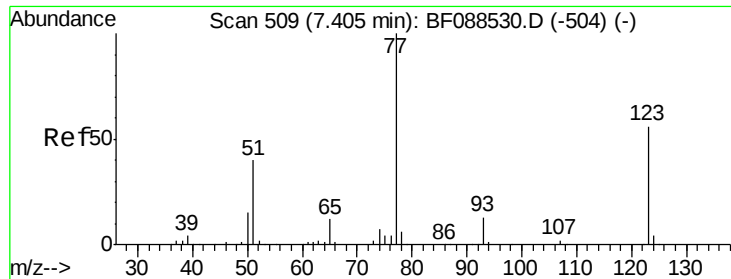
Tgt Ion: 105 Resp: 405511
Ion Ratio Lower Upper
105 100
71 4.7 5.3 7.9#
51 33.5 18.2 27.4#
120 19.7 18.0 27.0



#23
Nitrobenzene-d5
Concen: 86.98 ng
RT: 7.31 min Scan# 501
Delta R.T. -0.03 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

Tgt Ion: 82 Resp: 692261
Ion Ratio Lower Upper
82 100
128 40.6 35.9 53.9
54 47.8 40.9 61.3





#24

Nitrobenzene

Concen: 40.63 ng

RT: 7.34 min Scan# 503

Delta R.T. -0.02 min

Lab File: BF088744.D

Acq: 6 Jul 2016 20:01

Instrument :

BNA_F

ClientSampleId :

PB91776BS

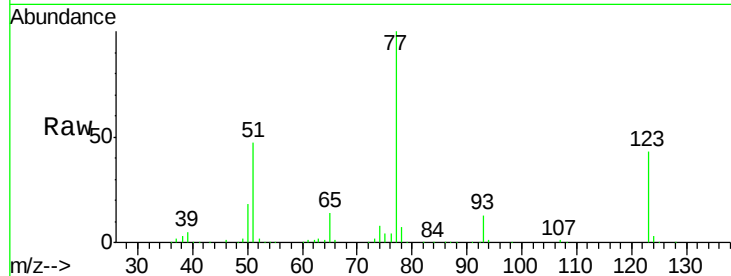
Tgt Ion: 77 Resp: 325998

Ion Ratio Lower Upper

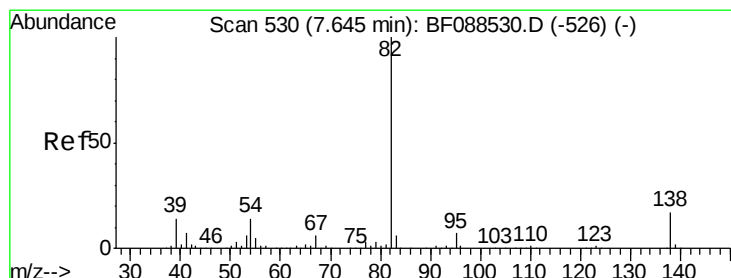
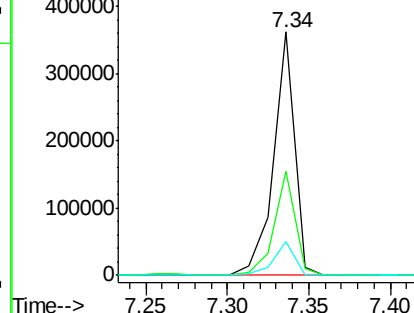
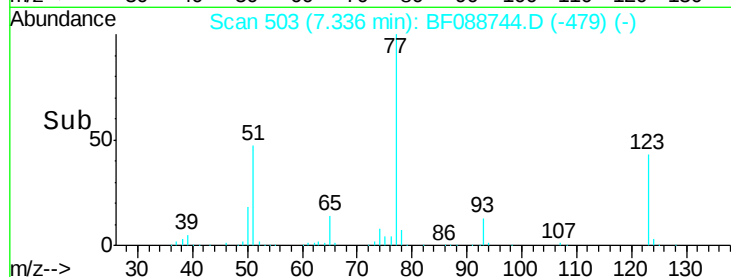
77 100

123 42.9 45.0 67.4#

65 13.7 10.2 15.2



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): BF0
Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 42.12 ng

RT: 7.58 min Scan# 524

Delta R.T. -0.03 min

Lab File: BF088744.D

Acq: 6 Jul 2016 20:01

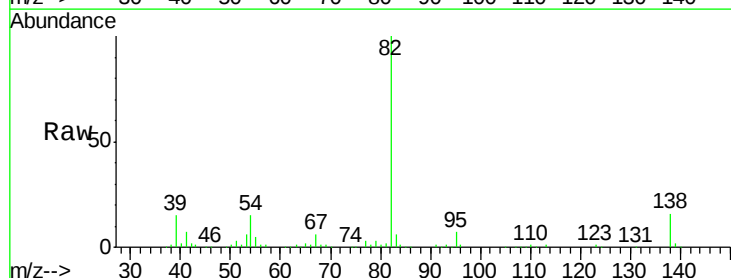
Tgt Ion: 82 Resp: 620963

Ion Ratio Lower Upper

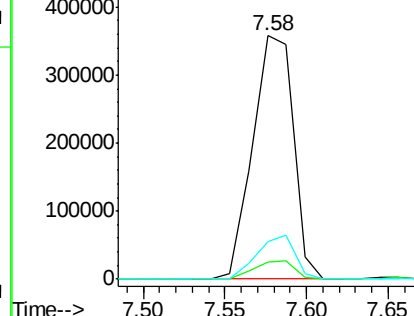
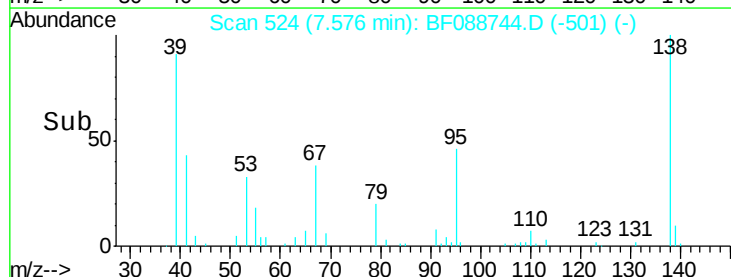
82 100

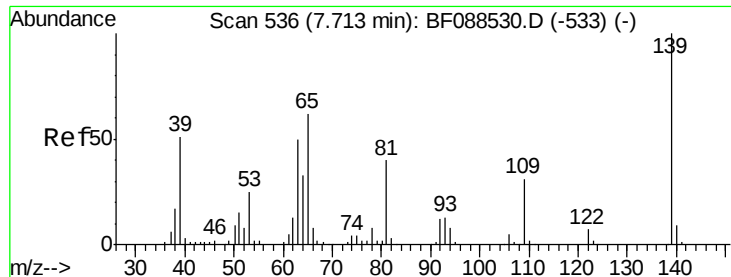
95 7.2 5.4 8.2

138 15.6 14.6 21.8



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

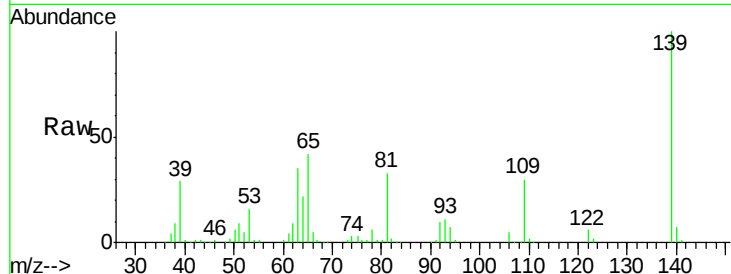




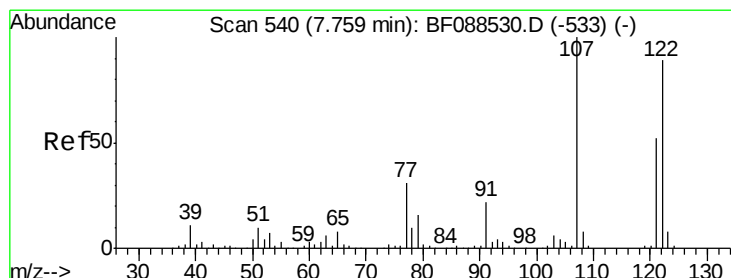
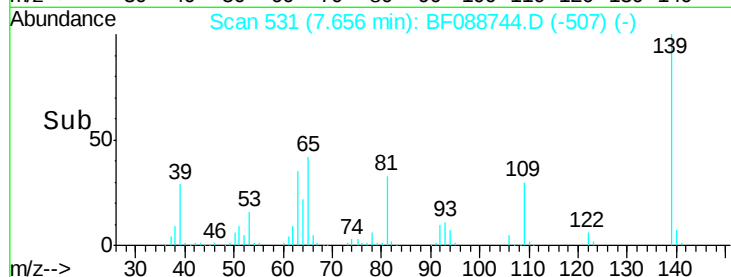
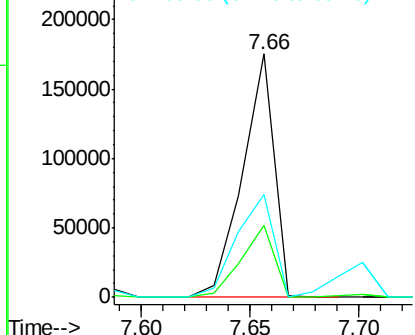
#26
2-Nitrophenol
Concen: 53.75 ng
RT: 7.66 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

Instrument :
BNA_F
ClientSampleId :
PB91776BS

Tgt Ion:139 Resp: 176862
Ion Ratio Lower Upper
139 100
109 29.7 23.0 34.4
65 42.5 45.8 68.8#

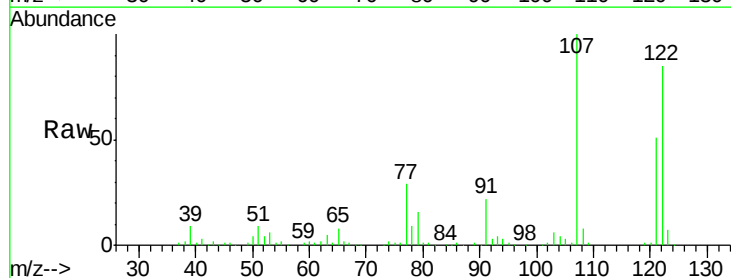


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

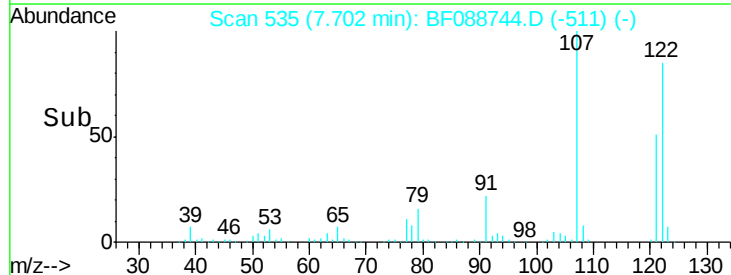
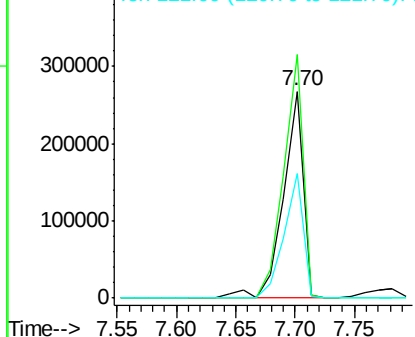


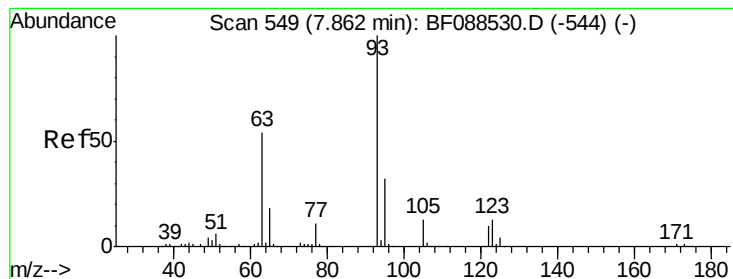
#27
2,4-Dimethylphenol
Concen: 44.95 ng
RT: 7.70 min Scan# 535
Delta R.T. -0.02 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

Tgt Ion:122 Resp: 308084
Ion Ratio Lower Upper
122 100
107 117.7 82.4 123.6
121 60.5 46.3 69.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E





#28

bis(2-Chloroethoxy)methane

Concen: 39.58 ng

RT: 7.79 min Scan# 543

Delta R.T. -0.02 min

Lab File: BF088744.D

Acq: 6 Jul 2016 20:01

Instrument :

BNA_F

ClientSampleId :

PB91776BS

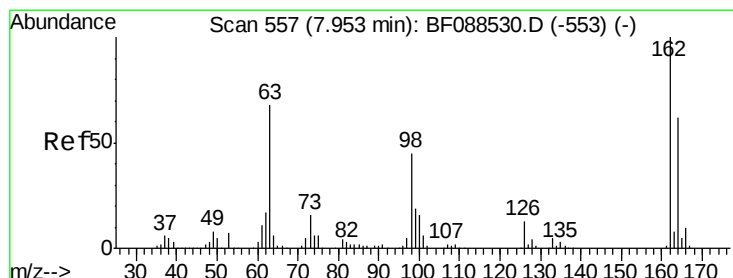
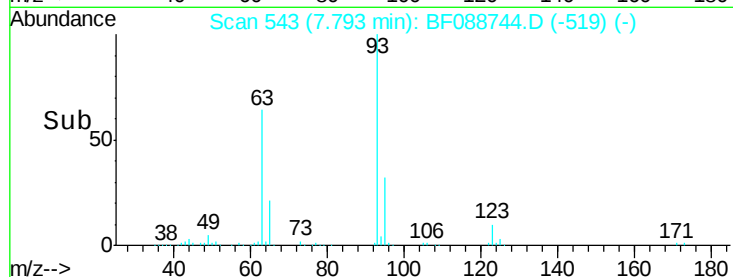
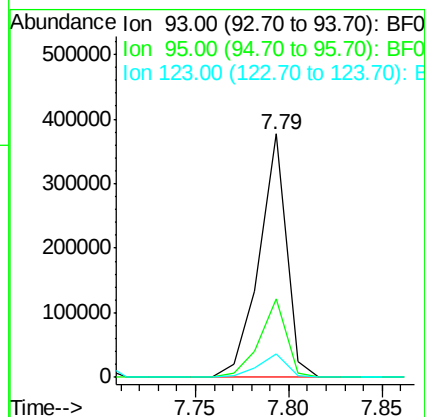
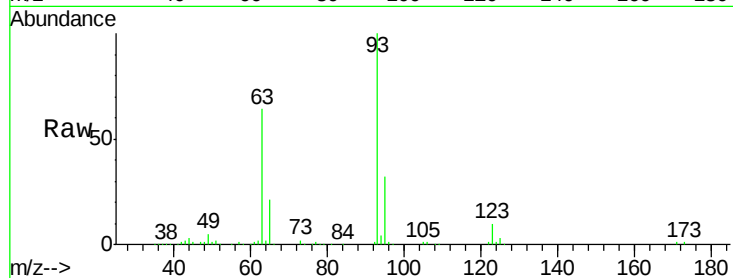
Tgt Ion: 93 Resp: 379705

Ion Ratio Lower Upper

93 100

95 32.2 26.5 39.7

123 9.8 11.6 17.4#



#29

2,4-Dichlorophenol

Concen: 46.02 ng

RT: 7.90 min Scan# 552

Delta R.T. -0.02 min

Lab File: BF088744.D

Acq: 6 Jul 2016 20:01

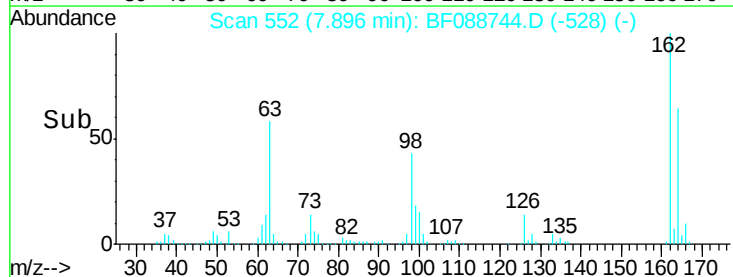
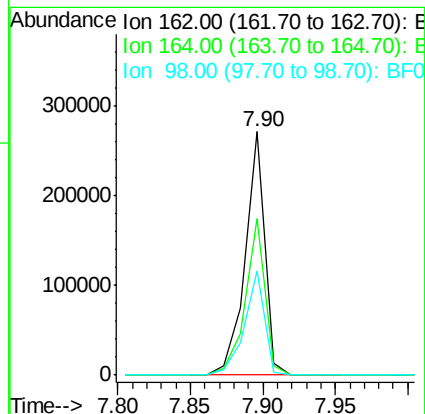
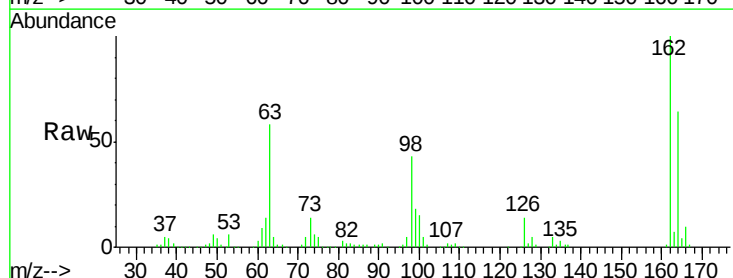
Tgt Ion: 162 Resp: 254911

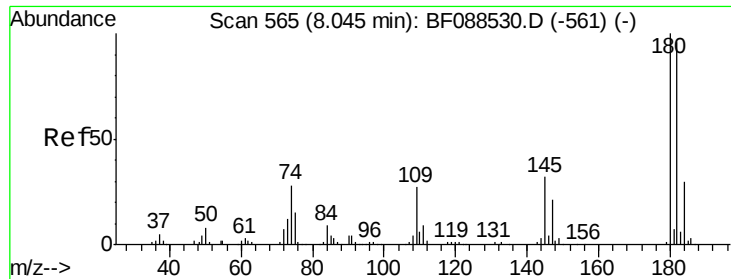
Ion Ratio Lower Upper

162 100

164 64.1 43.8 83.8

98 42.9 21.3 61.3

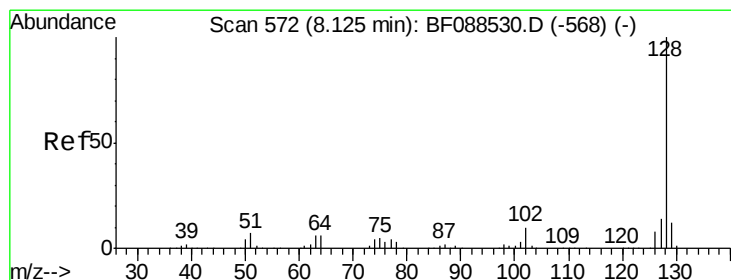
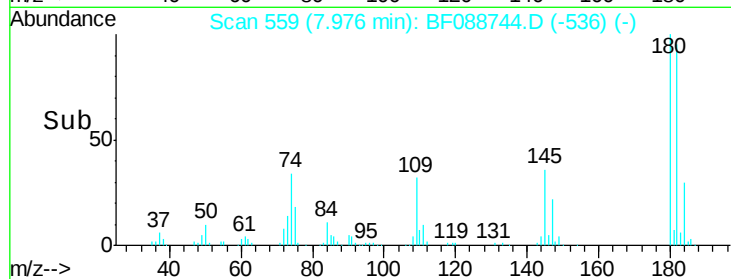
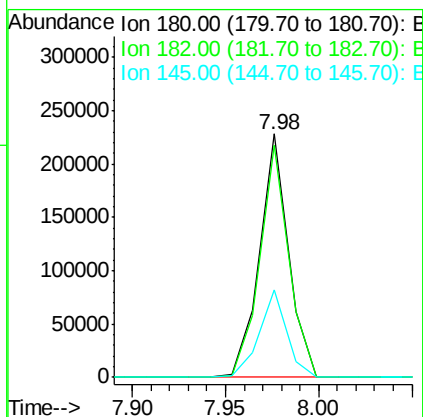
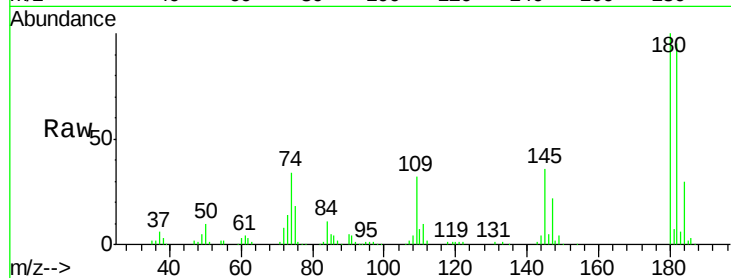




#30
 1,2,4-Trichlorobenzene
 Concen: 39.94 ng
 RT: 7.98 min Scan# 559
 Delta R.T. -0.03 min
 Lab File: BF088744.D
 Acq: 6 Jul 2016 20:01

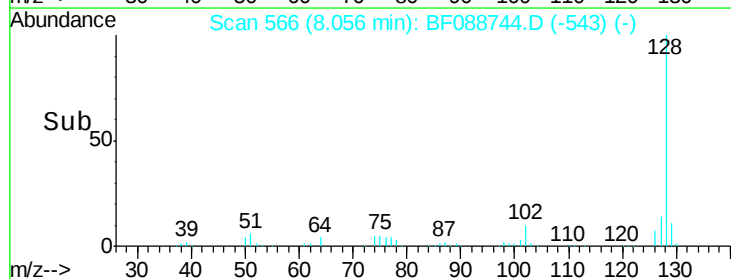
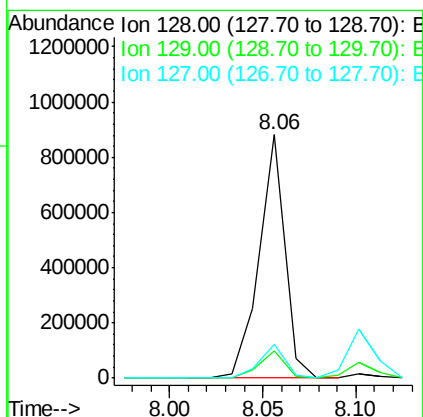
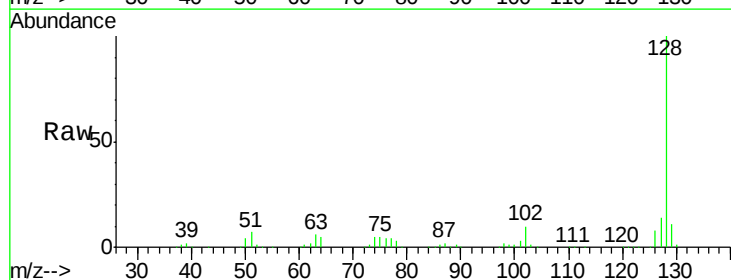
Instrument :
 BNA_F
 ClientSampleId :
 PB91776BS

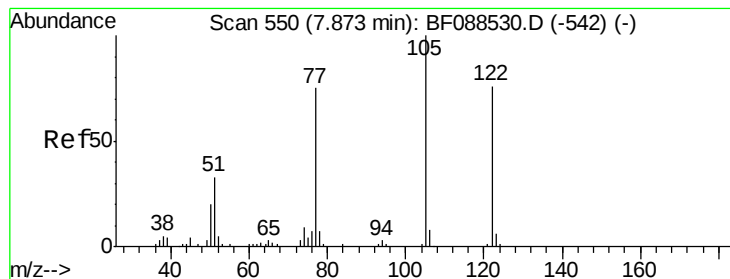
Tgt Ion:180 Resp: 242775
 Ion Ratio Lower Upper
 180 100
 182 95.4 76.0 114.0
 145 35.8 26.5 39.7



#31
 Naphthalene
 Concen: 40.66 ng
 RT: 8.06 min Scan# 566
 Delta R.T. -0.03 min
 Lab File: BF088744.D
 Acq: 6 Jul 2016 20:01

Tgt Ion:128 Resp: 836011
 Ion Ratio Lower Upper
 128 100
 129 11.3 9.4 14.2
 127 13.7 10.9 16.3





#32

Benzoic acid

Concen: 5.33 ng

RT: 7.78 min Scan# 542

Delta R.T. -0.08 min

Lab File: BF088744.D

Acq: 6 Jul 2016 20:01

Instrument :

BNA_F

ClientSampleId :

PB91776BS

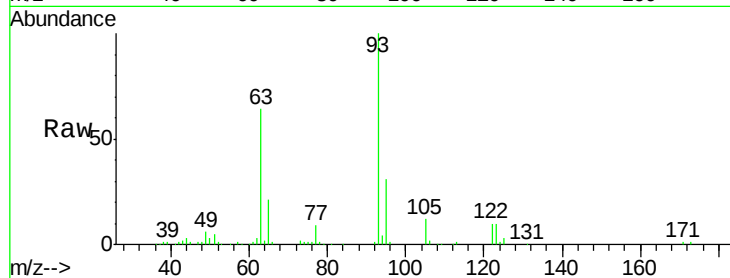
Tgt Ion:122 Resp: 26515

Ion Ratio Lower Upper

122 100

105 127.6 101.6 141.6

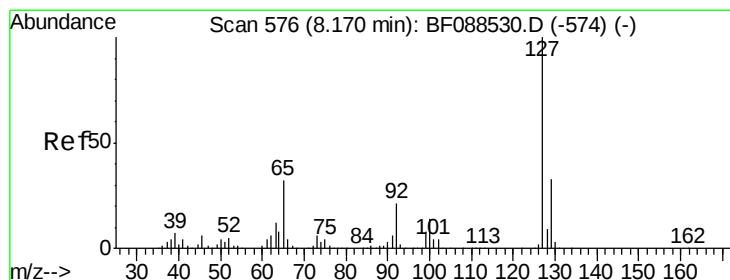
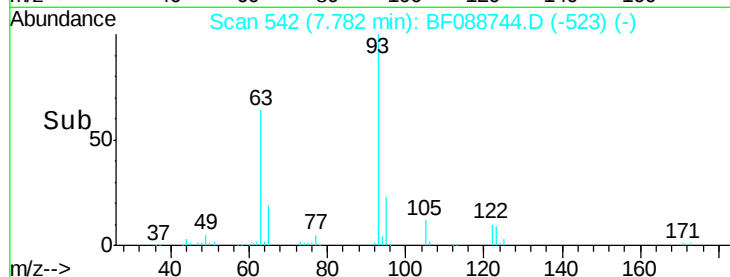
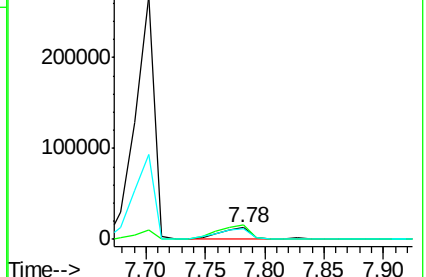
77 94.3 70.6 110.6



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: 20.53 ng

RT: 8.10 min Scan# 570

Delta R.T. -0.03 min

Lab File: BF088744.D

Acq: 6 Jul 2016 20:01

Tgt Ion:127 Resp: 187766

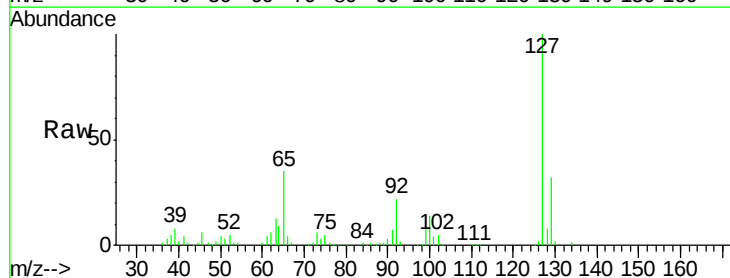
Ion Ratio Lower Upper

127 100

129 32.1 26.3 39.5

65 35.4 24.7 37.1

92 22.0 15.4 23.0

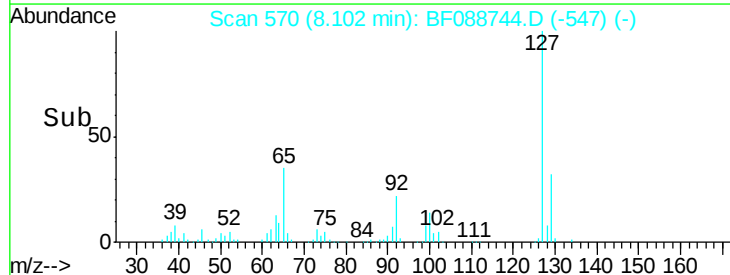
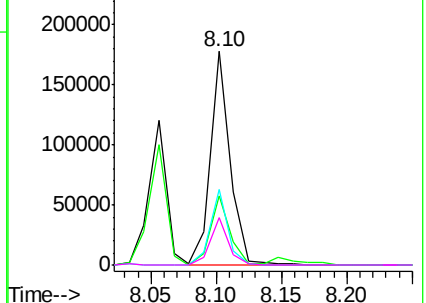


Abundance Ion 127.00 (126.70 to 127.70): E

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

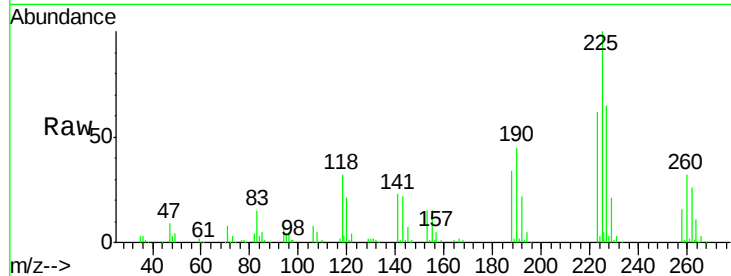




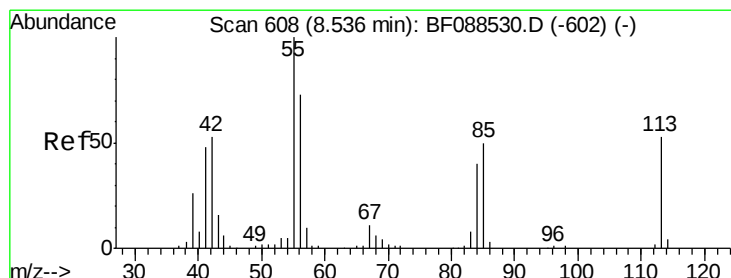
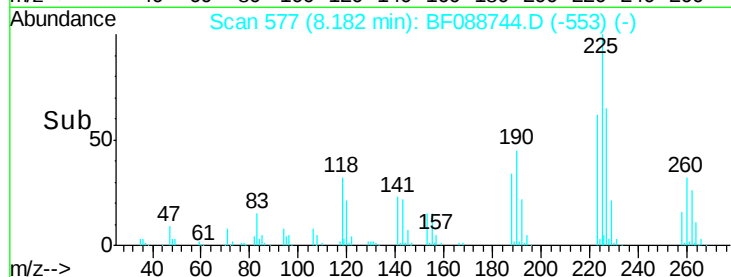
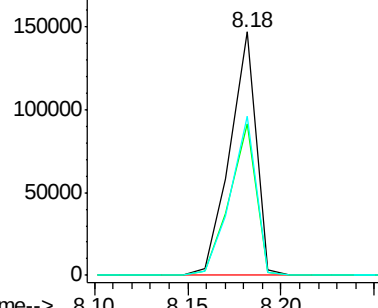
#34
Hexachlorobutadiene
Concen: 44.77 ng
RT: 8.18 min Scan# 577
Delta R.T. -0.02 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

Instrument :
BNA_F
ClientSampleId :
PB91776BS

Tgt Ion: 225 Resp: 145717
Ion Ratio Lower Upper
225 100
223 62.4 50.9 76.3
227 65.2 51.9 77.9

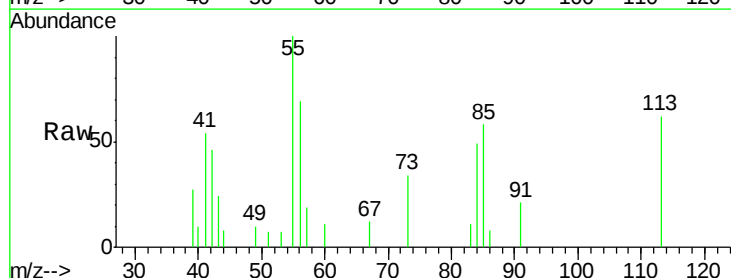


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

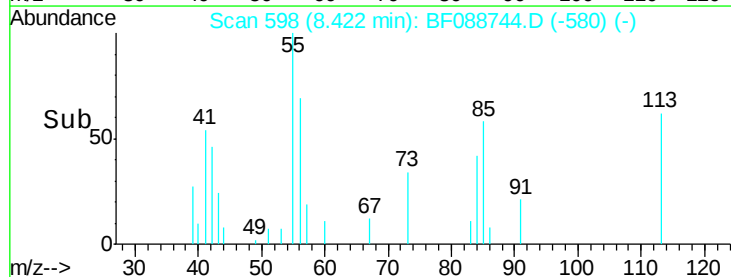
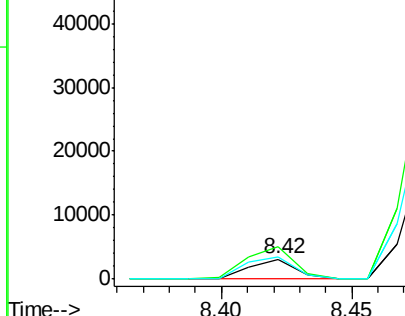


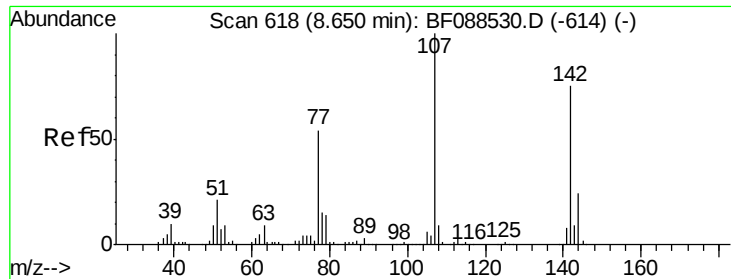
#35
Caprolactam
Concen: 2.02 ng
RT: 8.42 min Scan# 598
Delta R.T. -0.09 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

Tgt Ion: 113 Resp: 3792
Ion Ratio Lower Upper
113 100
55 161.5 158.6 198.6
56 110.7 110.6 150.6



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

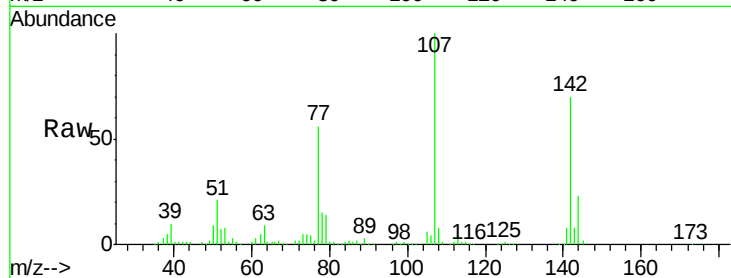




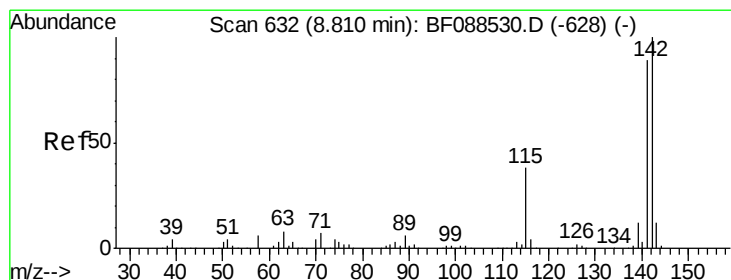
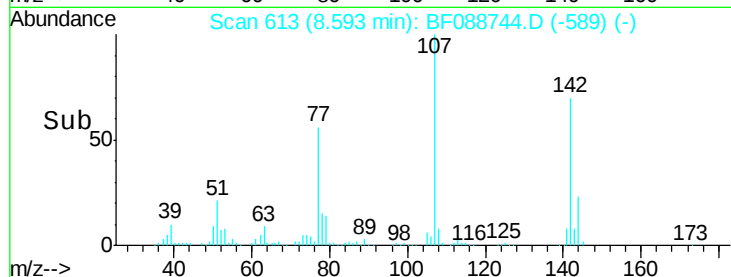
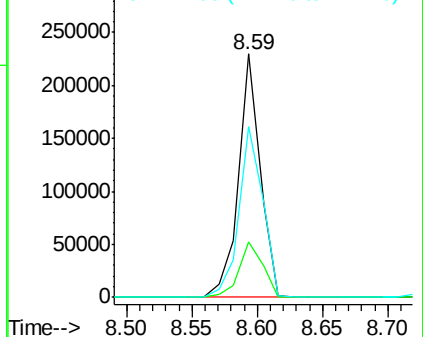
#36
 4-Chloro-3-methylphenol
 Concen: 40.39 ng
 RT: 8.59 min Scan# 613
 Delta R.T. -0.02 min
 Lab File: BF088744.D
 Acq: 6 Jul 2016 20:01

Instrument :
 BNA_F
 ClientSampleId :
 PB91776BS

Tgt Ion:107 Resp: 264571
 Ion Ratio Lower Upper
 107 100
 144 22.7 20.8 31.2
 142 70.0 63.4 95.2

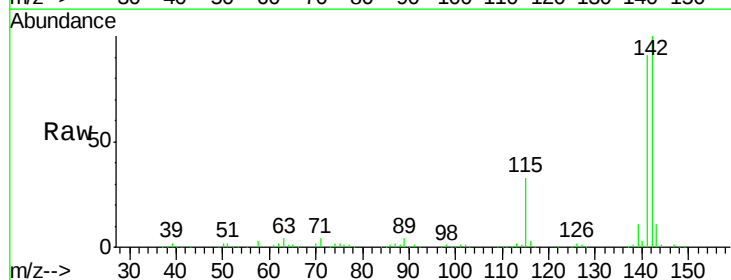


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

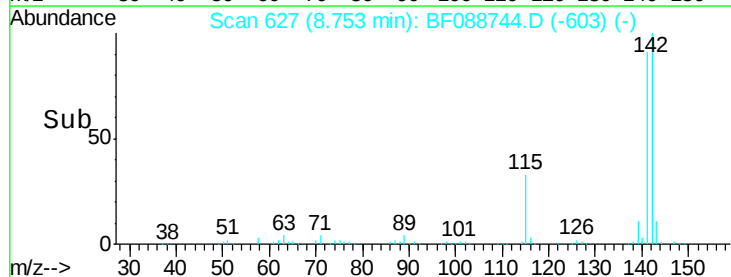
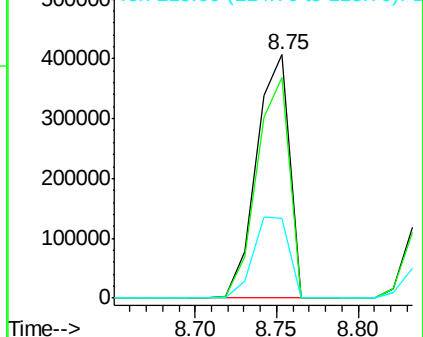


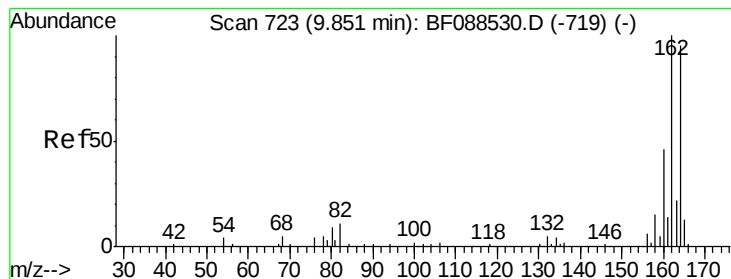
#37
 2-Methylnaphthalene
 Concen: 42.83 ng
 RT: 8.75 min Scan# 627
 Delta R.T. -0.02 min
 Lab File: BF088744.D
 Acq: 6 Jul 2016 20:01

Tgt Ion:142 Resp: 567045
 Ion Ratio Lower Upper
 142 100
 141 90.6 71.0 106.6
 115 32.8 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: 9.78 min Scan# 717

Delta R.T. -0.03 min

Lab File: BF088744.D

Acq: 6 Jul 2016 20:01

Instrument :

BNA_F

ClientSampleId :

PB91776BS

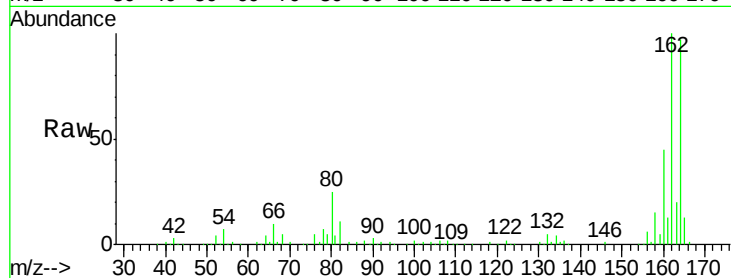
Tgt Ion:164 Resp: 196860

Ion Ratio Lower Upper

164 100

162 103.1 85.4 128.2

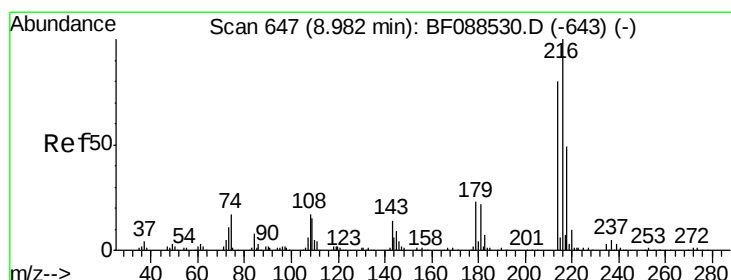
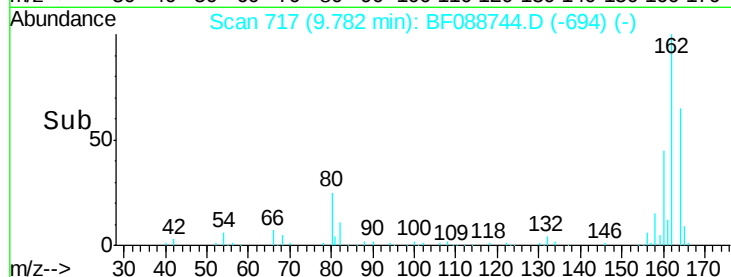
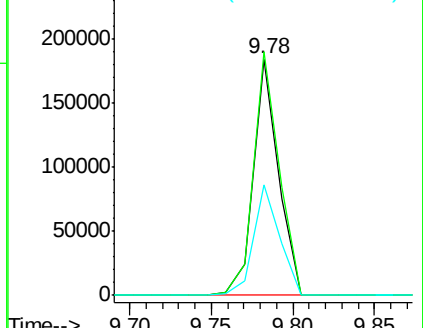
160 46.7 39.5 59.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.77 ng

RT: 8.91 min Scan# 641

Delta R.T. -0.03 min

Lab File: BF088744.D

Acq: 6 Jul 2016 20:01

Tgt Ion:216 Resp: 214545

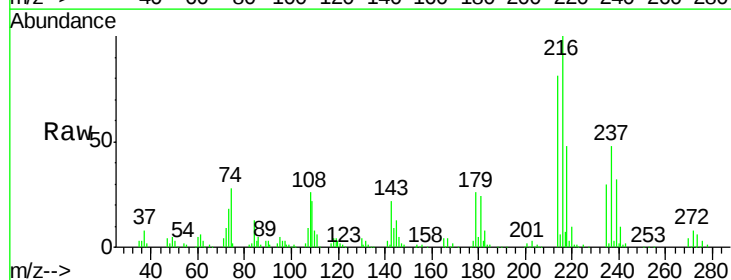
Ion Ratio Lower Upper

216 100

214 79.0 2.9 4.3#

179 24.3 0.0 0.0#

108 26.2 0.5 0.7#

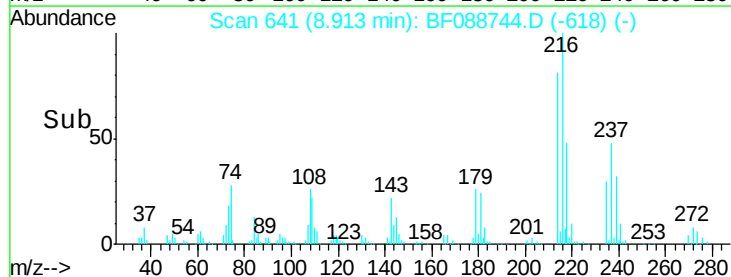
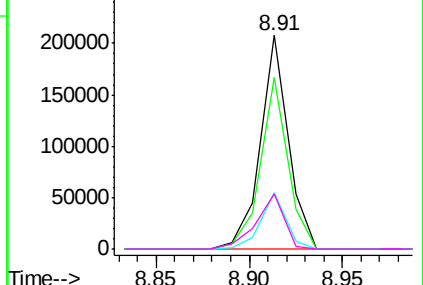


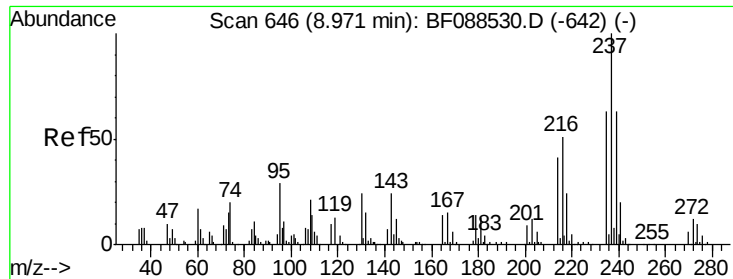
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

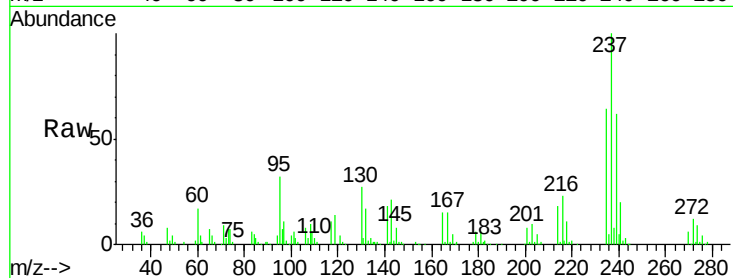




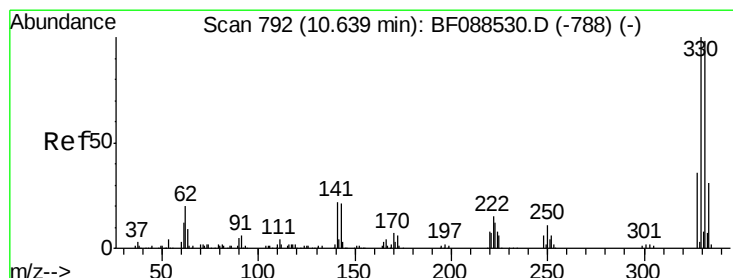
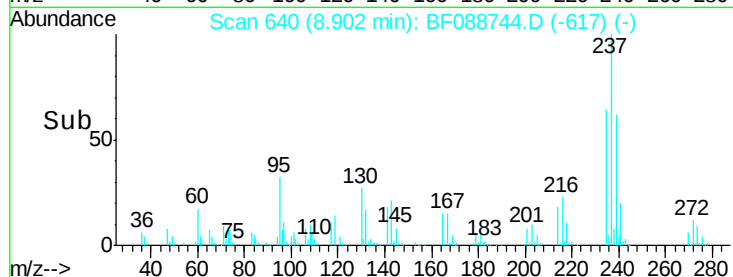
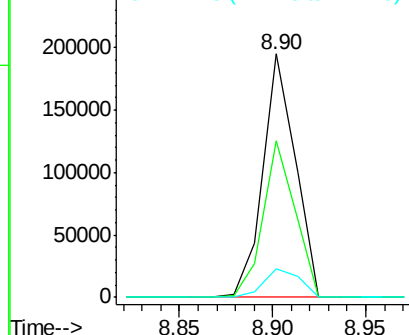
#40
Hexachlorocyclopentadiene
Concen: 72.63 ng
RT: 8.90 min Scan# 640
Delta R.T. -0.03 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

Instrument :
BNA_F
ClientSampleId :
PB91776BS

Tgt Ion: 237 Resp: 233418
Ion Ratio Lower Upper
237 100
235 64.1 43.4 83.4
272 11.7 0.0 32.3

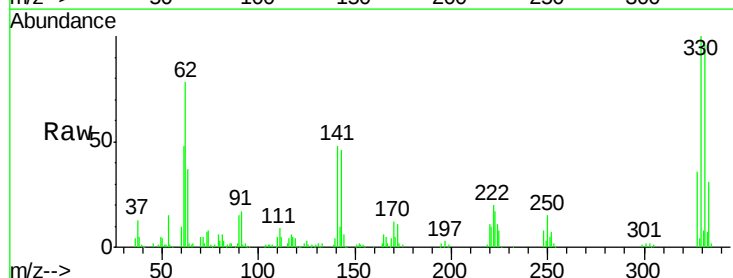


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

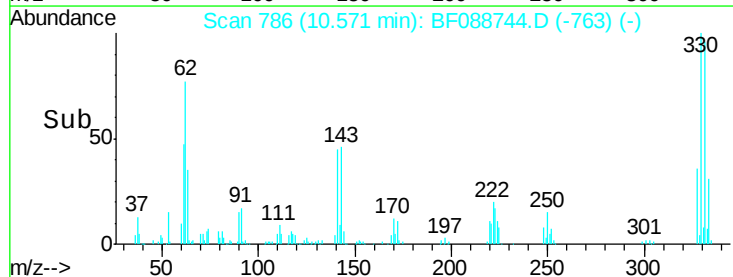
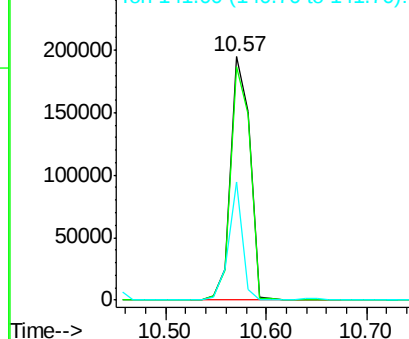


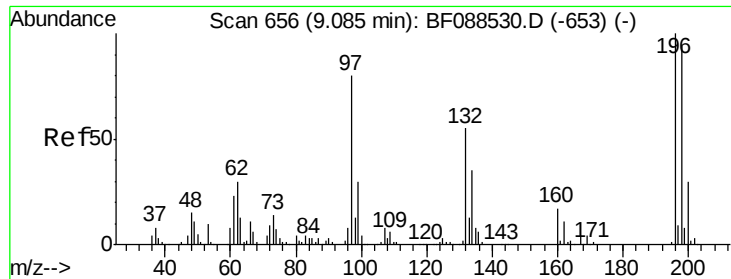
#41
2,4,6-Tribromophenol
Concen: 142.14 ng
RT: 10.57 min Scan# 786
Delta R.T. -0.03 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

Tgt Ion: 330 Resp: 259847
Ion Ratio Lower Upper
330 100
332 96.9 0.0 0.0#
141 34.5 0.0 0.0#



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

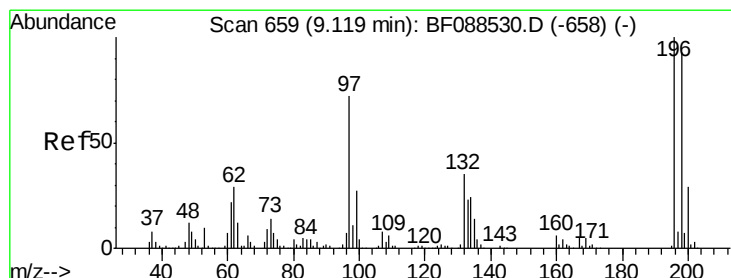
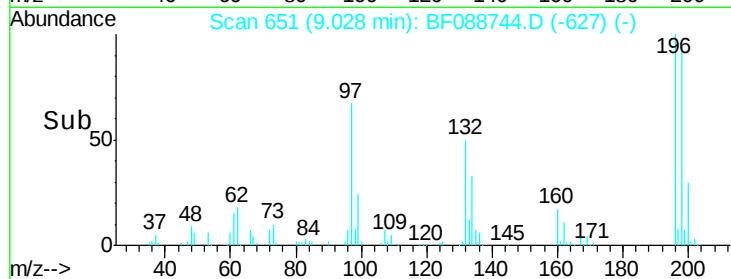
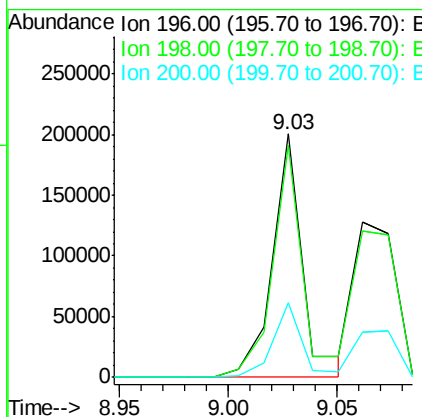
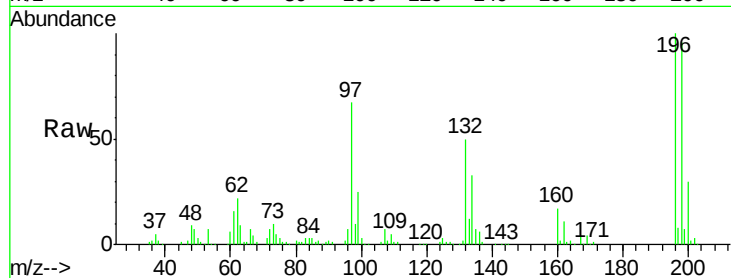




#42
 2,4,6-Trichlorophenol
 Concen: 44.84 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.02 min
 Lab File: BF088744.D
 Acq: 6 Jul 2016 20:01

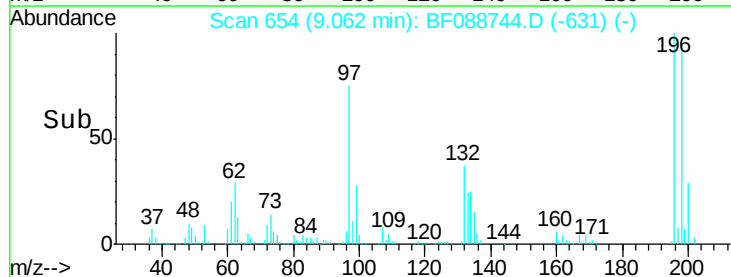
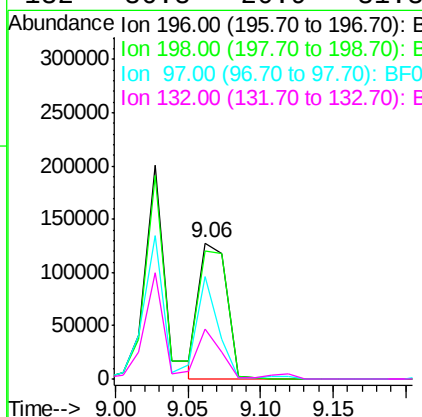
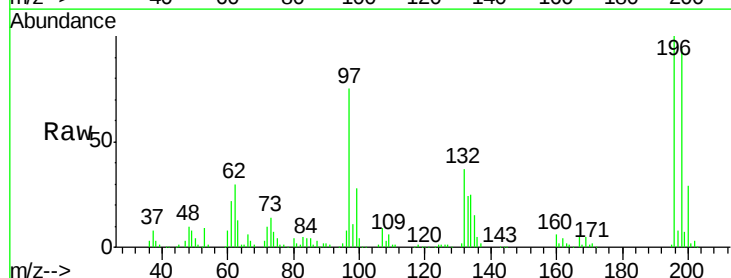
Instrument :
 BNA_F
 ClientSampled :
 PB91776BS

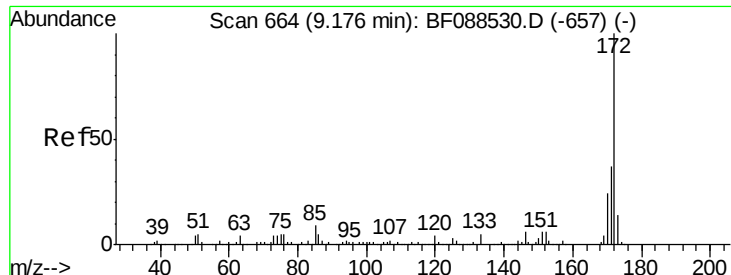
Tgt Ion:196 Resp: 193579
 Ion Ratio Lower Upper
 196 100
 198 95.5 78.0 117.0
 200 30.5 25.4 38.2



#43
 2,4,5-Trichlorophenol
 Concen: 46.21 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.03 min
 Lab File: BF088744.D
 Acq: 6 Jul 2016 20:01

Tgt Ion:196 Resp: 171642
 Ion Ratio Lower Upper
 196 100
 198 94.3 77.5 116.3
 97 75.4 32.0 48.0#
 132 36.8 20.9 31.3#

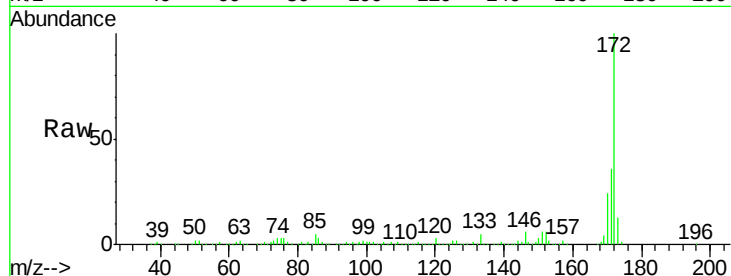




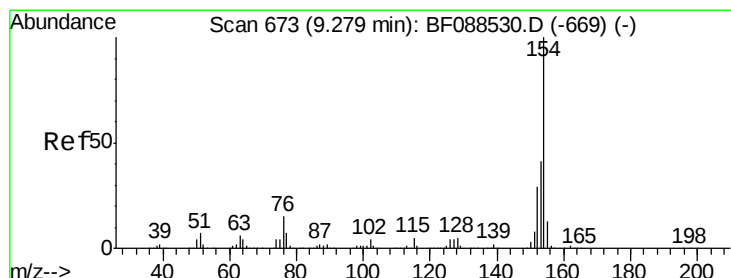
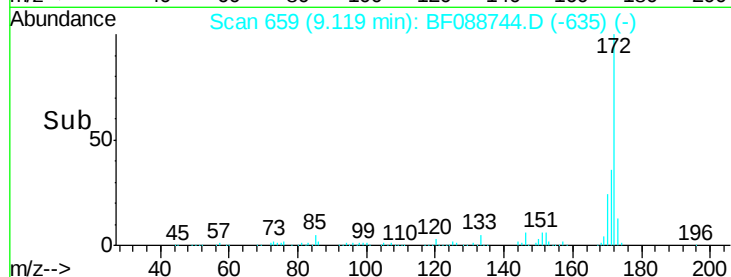
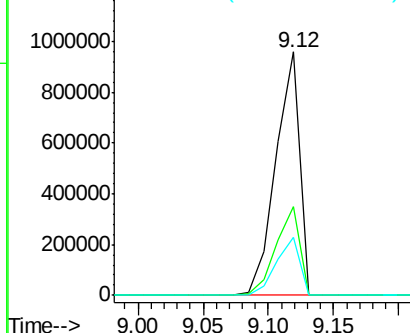
#44
2-Fluorobiphenyl
Concen: 96.53 ng
RT: 9.12 min Scan# 659
Delta R.T. -0.02 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

Instrument :
BNA_F
ClientSampleId :
PB91776BS

Tgt Ion:172 Resp: 1203026
Ion Ratio Lower Upper
172 100
171 36.5 28.6 43.0
170 24.1 19.2 28.8

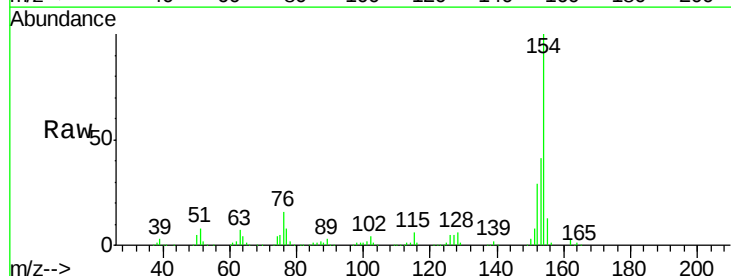


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

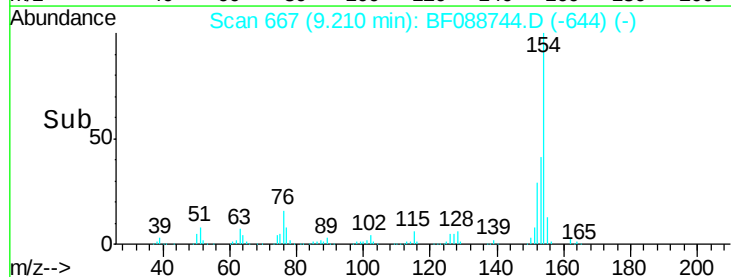
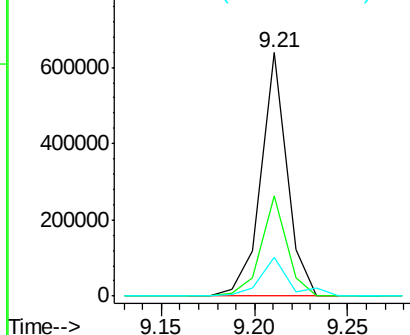


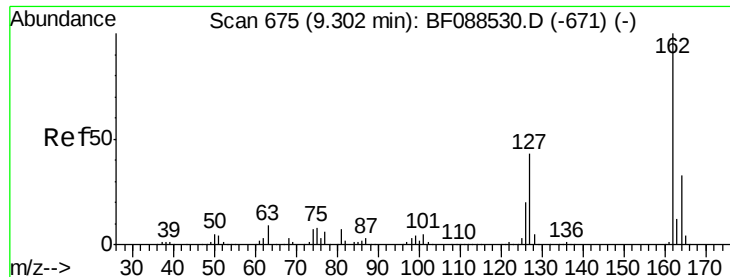
#45
1,1'-Biphenyl
Concen: 37.75 ng
RT: 9.21 min Scan# 667
Delta R.T. -0.03 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

Tgt Ion:154 Resp: 615453
Ion Ratio Lower Upper
154 100
153 41.3 20.6 60.6
76 15.9 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

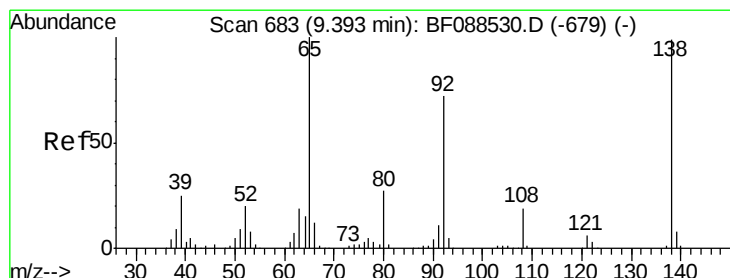
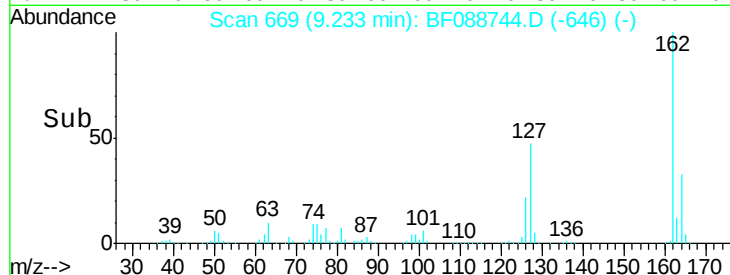
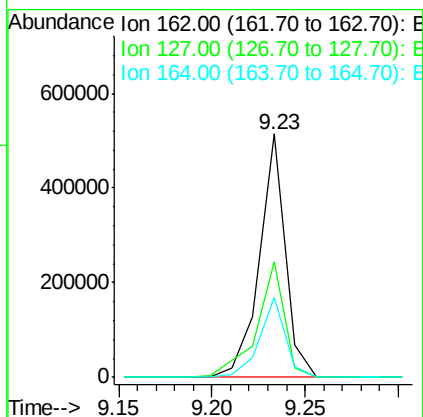
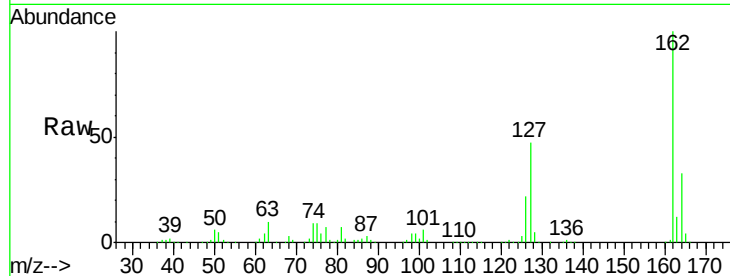




#46
 2-Chloronaphthalene
 Concen: 39.21 ng
 RT: 9.23 min Scan# 669
 Delta R.T. -0.03 min
 Lab File: BF088744.D
 Acq: 6 Jul 2016 20:01

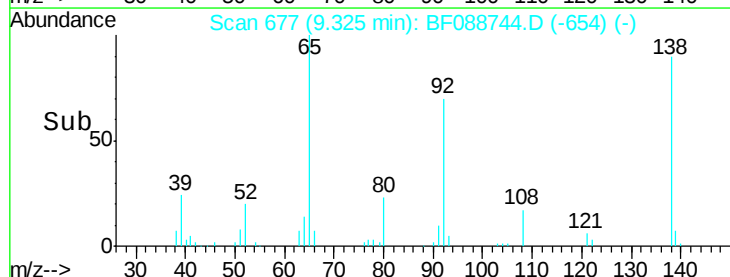
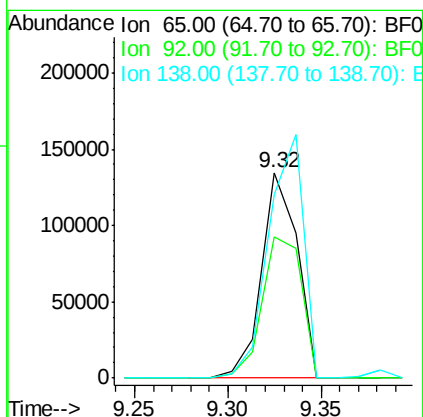
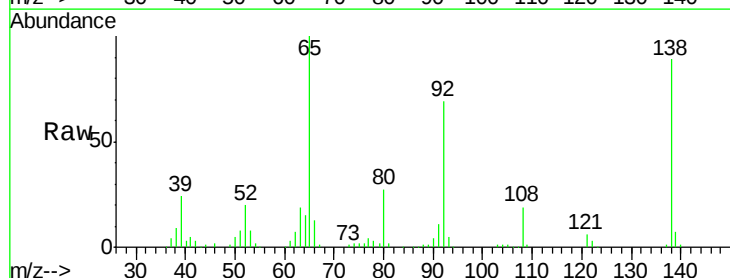
Instrument :
 BNA_F
 ClientSampleId :
 PB91776BS

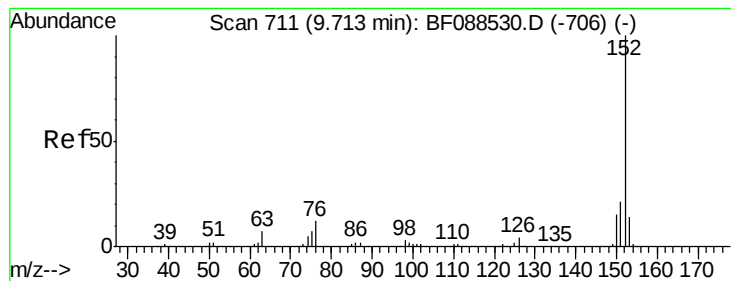
Tgt Ion: 162 Resp: 501734
 Ion Ratio Lower Upper
 162 100
 127 47.4 35.2 52.8
 164 32.6 26.6 39.8



#47
 2-Nitroaniline
 Concen: 39.13 ng
 RT: 9.32 min Scan# 677
 Delta R.T. -0.03 min
 Lab File: BF088744.D
 Acq: 6 Jul 2016 20:01

Tgt Ion: 65 Resp: 177723
 Ion Ratio Lower Upper
 65 100
 92 68.9 54.6 82.0
 138 89.1 77.0 115.4





#48

Acenaphthylene

Concen: 38.65 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.03 min

Lab File: BF088744.D

Acq: 6 Jul 2016 20:01

Instrument :

BNA_F

ClientSampleId :

PB91776BS

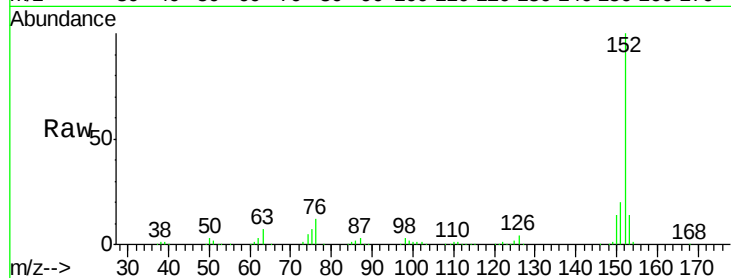
Tgt Ion:152 Resp: 786929

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.4

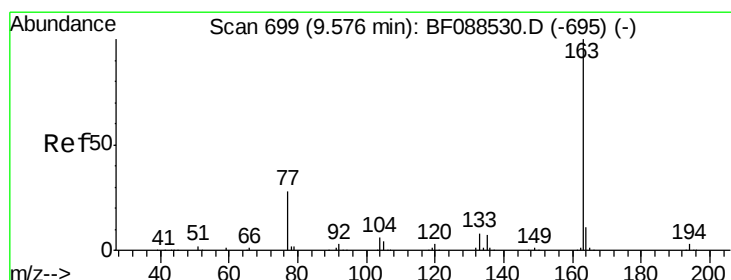
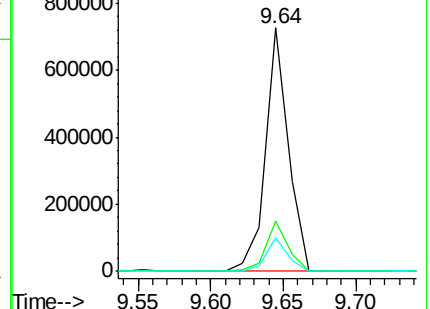
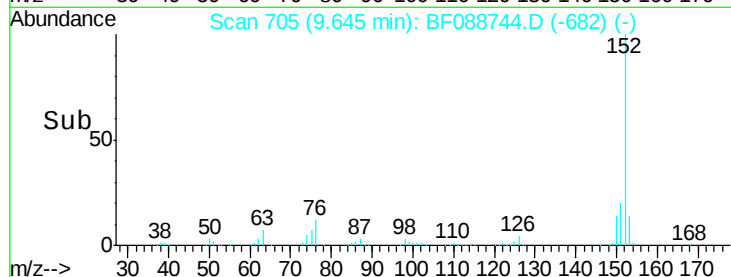
153 13.6 11.0 16.6



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: 41.40 ng

RT: 9.52 min Scan# 694

Delta R.T. -0.02 min

Lab File: BF088744.D

Acq: 6 Jul 2016 20:01

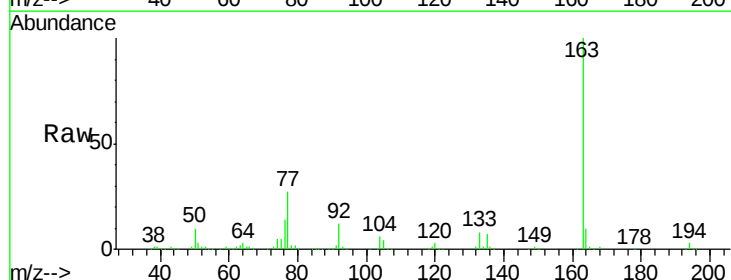
Tgt Ion:163 Resp: 580689

Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

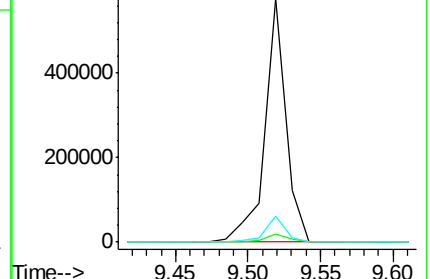
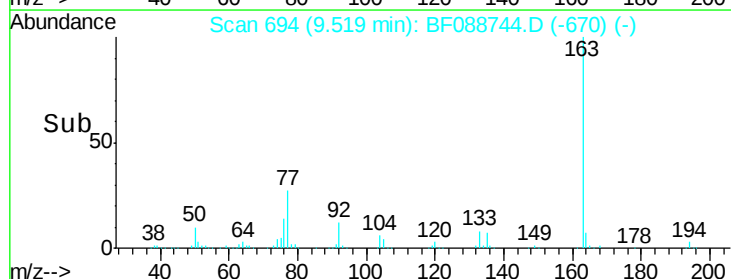
164 10.4 8.3 12.5

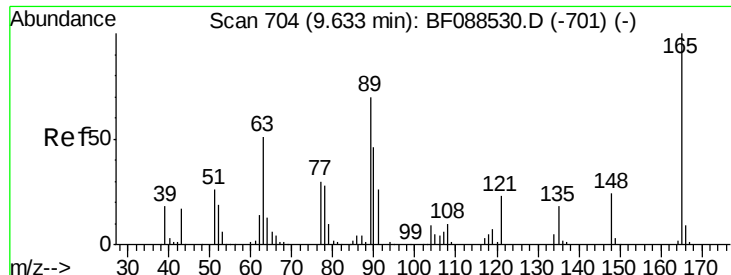


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

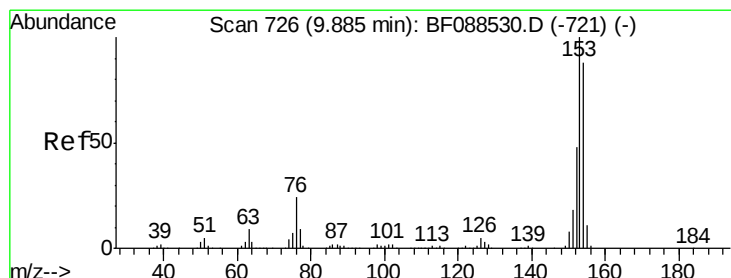
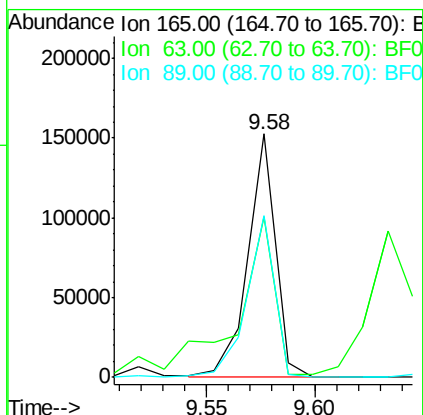
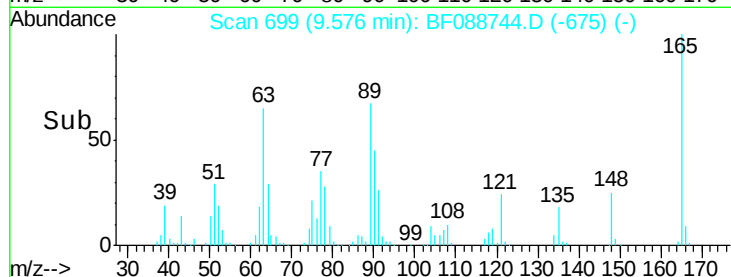
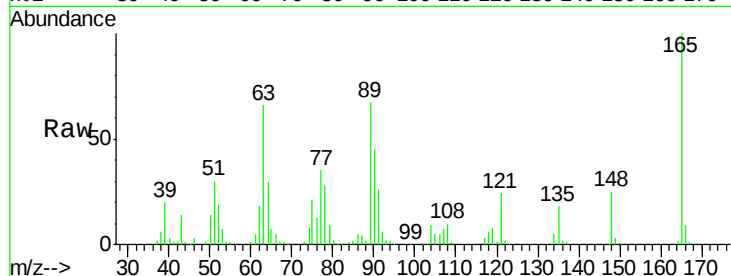




#50
2,6-Dinitrotoluene
Concen: 43.45 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.02 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

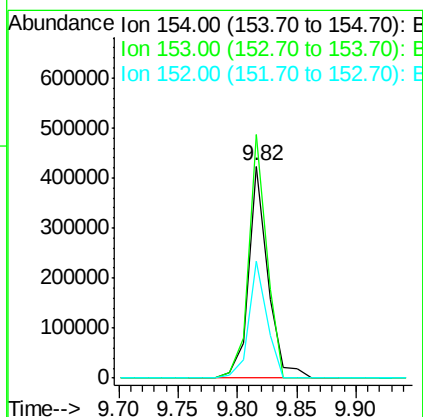
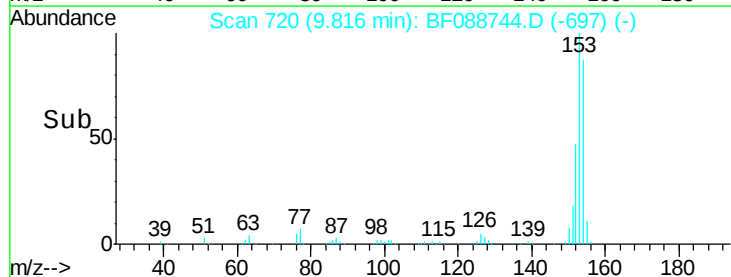
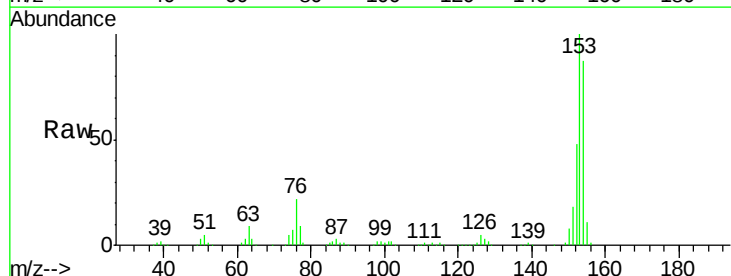
Instrument :
BNA_F
ClientSampleId :
PB91776BS

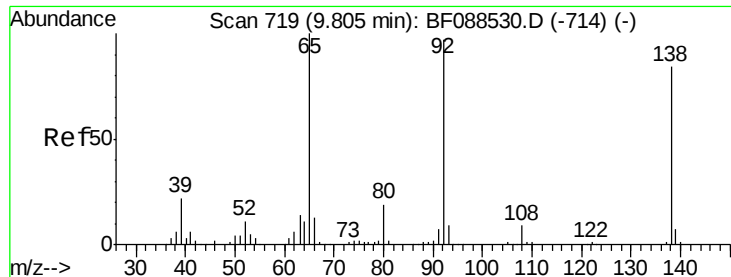
Tgt Ion:165 Resp: 135048
Ion Ratio Lower Upper
165 100
63 65.6 28.1 42.1#
89 66.5 32.2 48.2#



#51
Acenaphthene
Concen: 38.73 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.03 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

Tgt Ion:154 Resp: 483408
Ion Ratio Lower Upper
154 100
153 114.7 89.5 134.3
152 55.0 42.7 64.1

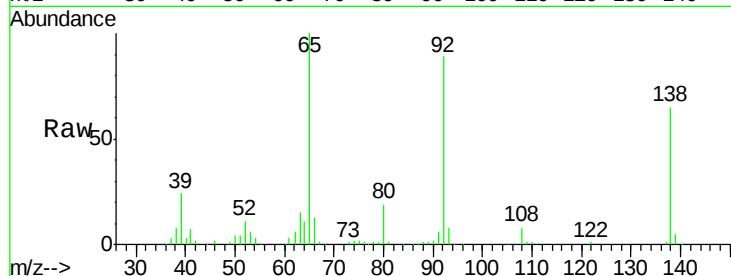




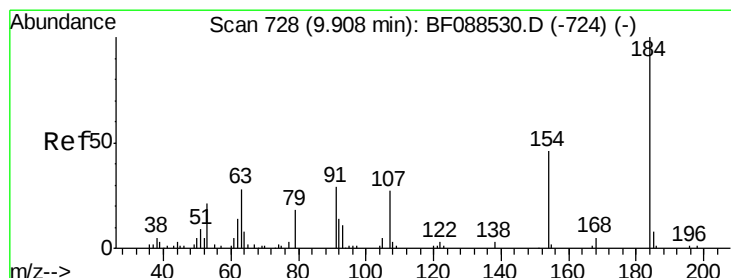
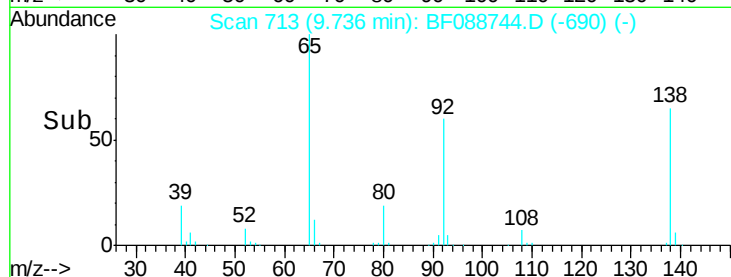
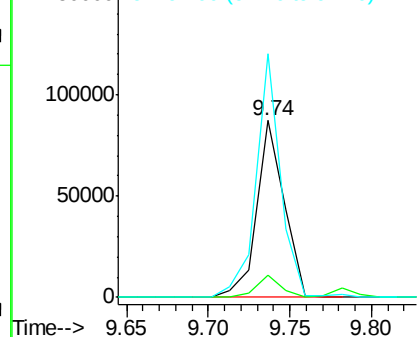
#52
 3-Nitroaniline
 Concen: 25.63 ng
 RT: 9.74 min Scan# 713
 Delta R.T. -0.03 min
 Lab File: BF088744.D
 Acq: 6 Jul 2016 20:01

Instrument :
 BNA_F
 ClientSampleId :
 PB91776BS

Tgt Ion:138 Resp: 101254
 Ion Ratio Lower Upper
 138 100
 108 12.3 8.5 12.7
 92 137.7 95.7 143.5

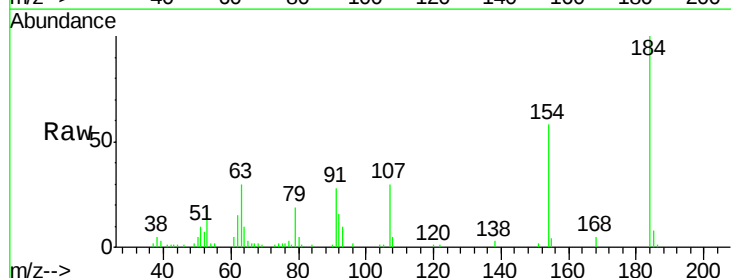


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): E

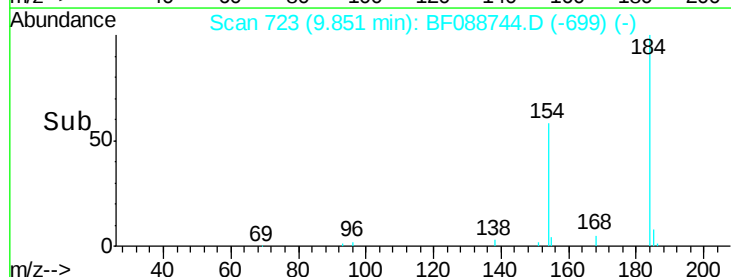
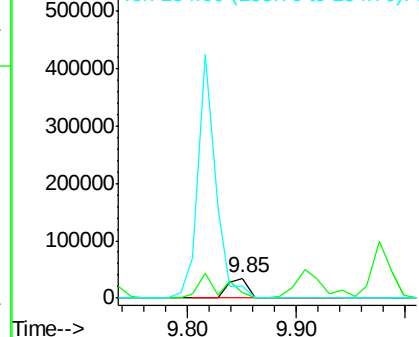


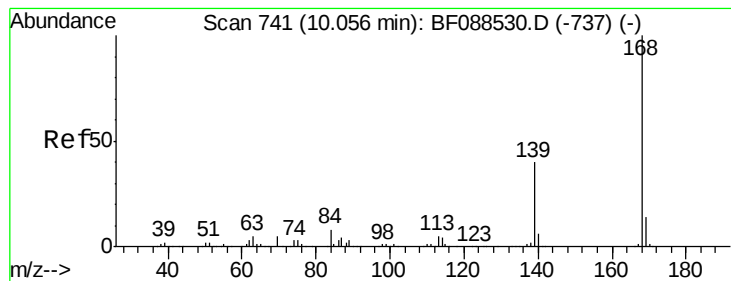
#53
 2,4-Dinitrophenol
 Concen: 33.33 ng
 RT: 9.85 min Scan# 723
 Delta R.T. -0.02 min
 Lab File: BF088744.D
 Acq: 6 Jul 2016 20:01

Tgt Ion:184 Resp: 45750
 Ion Ratio Lower Upper
 184 100
 63 29.7 57.6 86.4#
 154 57.9 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: 42.70 ng

RT: 9.99 min Scan# 735

Delta R.T. -0.03 min

Lab File: BF088744.D

Acq: 6 Jul 2016 20:01

Instrument :

BNA_F

ClientSampleId :

PB91776BS

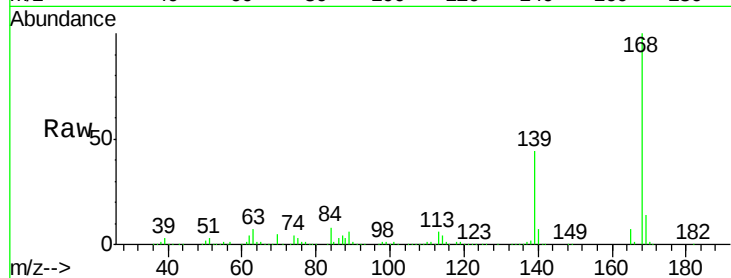
Tgt Ion:168 Resp: 697534

Ion Ratio Lower Upper

168 100

139 44.2 26.4 39.6#

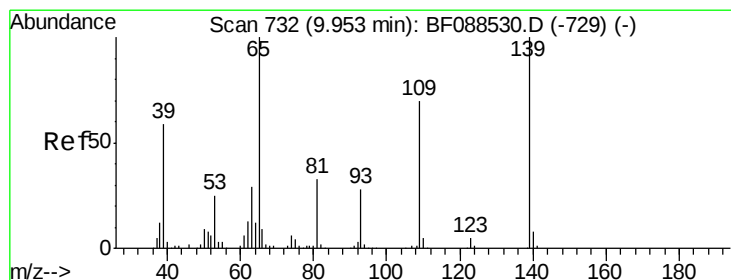
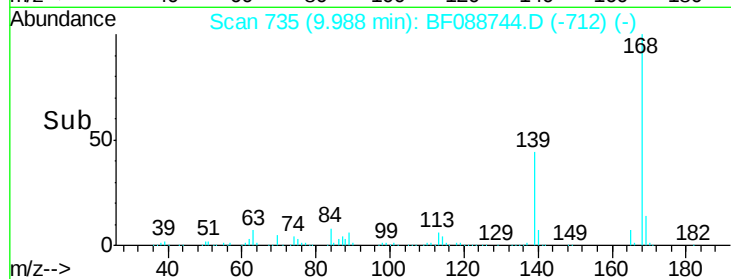
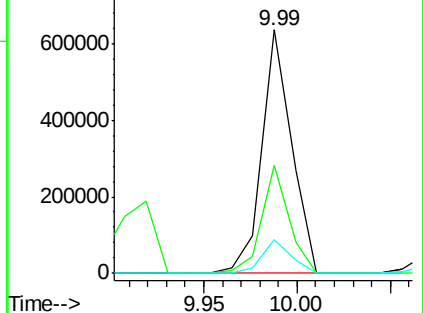
169 13.7 10.4 15.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 91.47 ng

RT: 9.92 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF088744.D

Acq: 6 Jul 2016 20:01

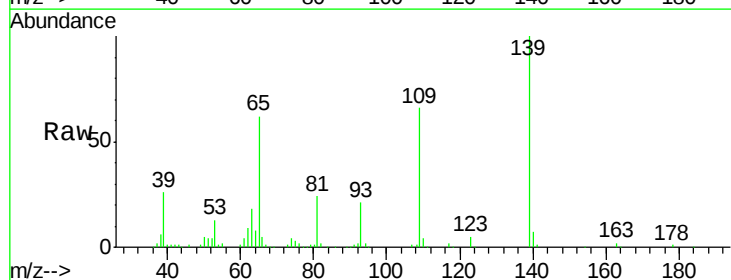
Tgt Ion:139 Resp: 274679

Ion Ratio Lower Upper

139 100

109 66.1 48.9 88.9

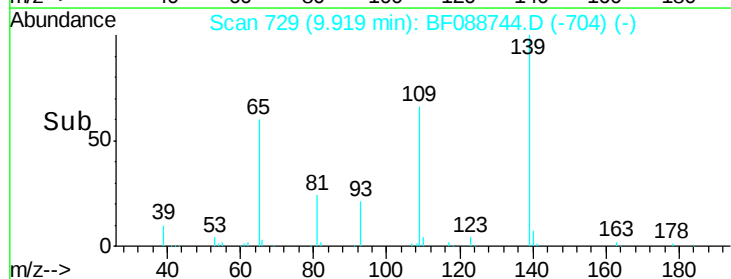
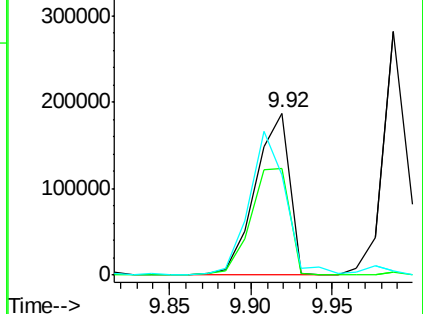
65 61.9 84.9 124.9#

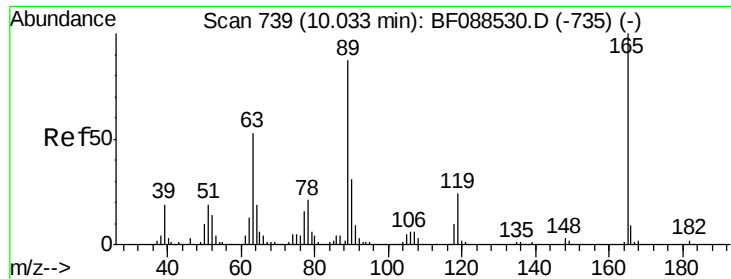


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 41.98 ng

RT: 9.98 min Scan# 734

Delta R.T. -0.02 min

Lab File: BF088744.D

Acq: 6 Jul 2016 20:01

Instrument :

BNA_F

ClientSampleId :

PB91776BS

Tgt Ion:165 Resp: 170629

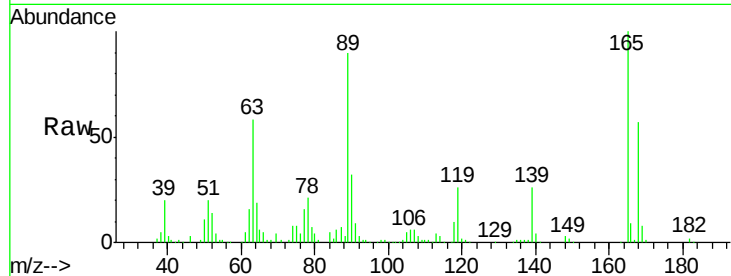
Ion Ratio Lower Upper

165 100

63 57.6 22.0 33.0#

89 90.4 41.1 61.7#

182 2.2 2.0 3.0

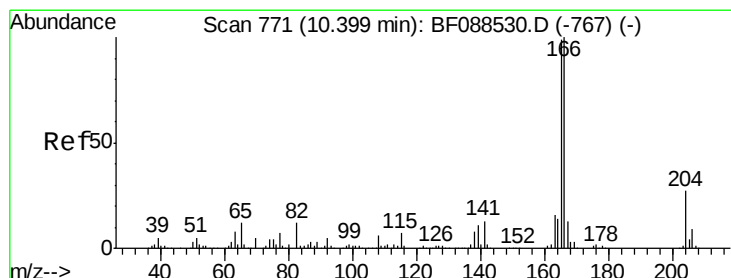
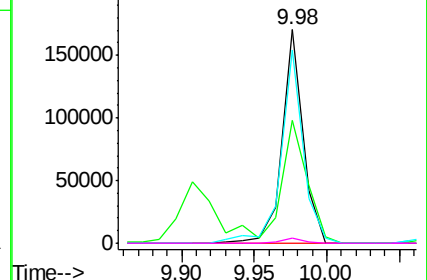
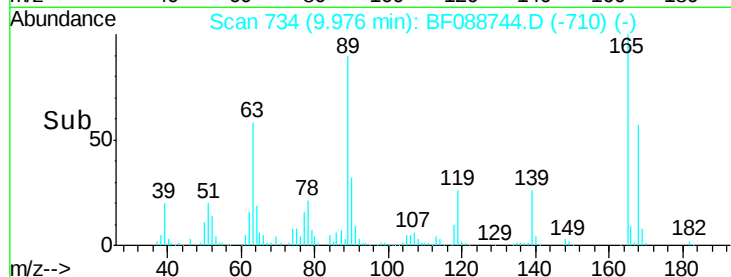


Abundance Ion 165.00 (164.70 to 165.70): E

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: 40.86 ng

RT: 10.33 min Scan# 765

Delta R.T. -0.03 min

Lab File: BF088744.D

Acq: 6 Jul 2016 20:01

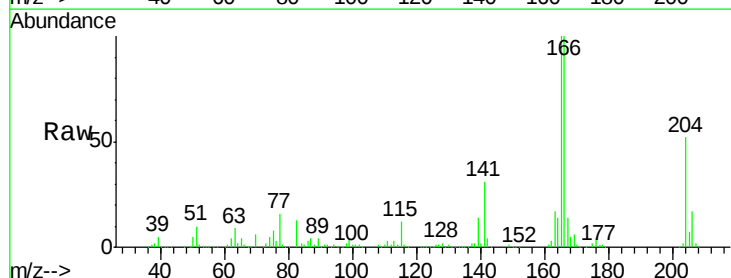
Tgt Ion:166 Resp: 514381

Ion Ratio Lower Upper

166 100

165 99.9 77.8 116.8

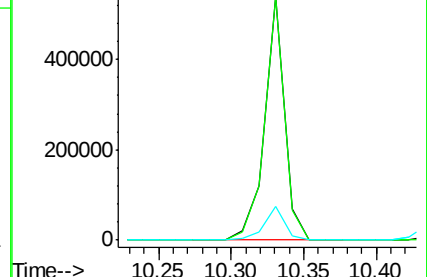
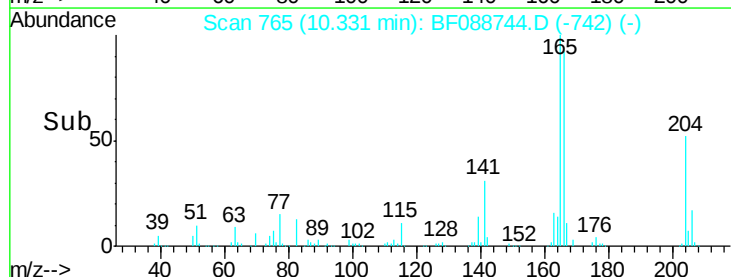
167 13.7 11.2 16.8



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

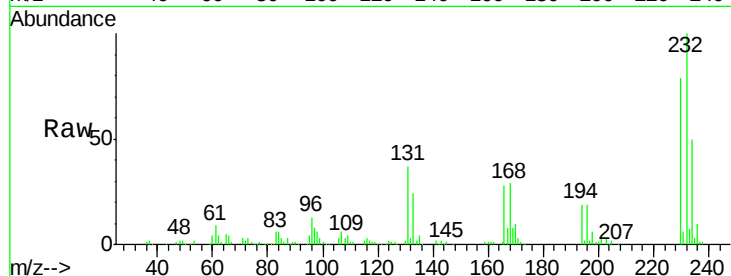




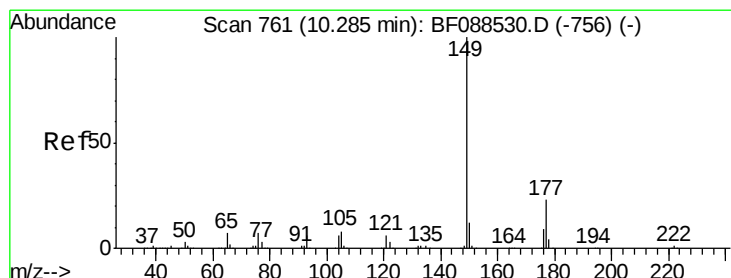
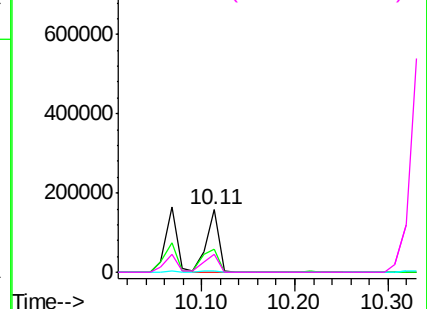
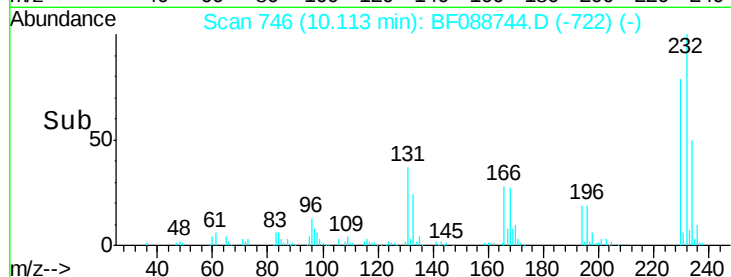
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 52.23 ng
 RT: 10.11 min Scan# 746
 Delta R.T. -0.02 min
 Lab File: BF088744.D
 Acq: 6 Jul 2016 20:01

Instrument :
 BNA_F
 ClientSampleId :
 PB91776BS

Tgt Ion: 232 Resp: 150086
 Ion Ratio Lower Upper
 232 100
 131 49.4 0.9 1.3#
 130 2.6 1.5 2.3#
 166 33.4 0.5 0.7#

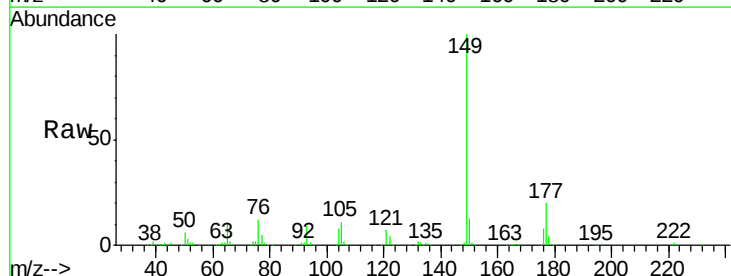


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

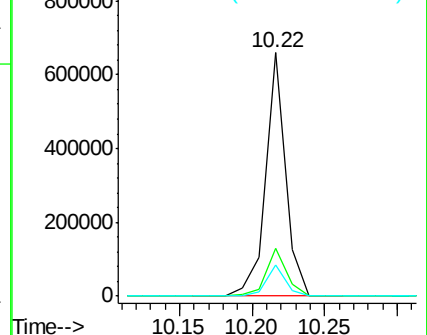
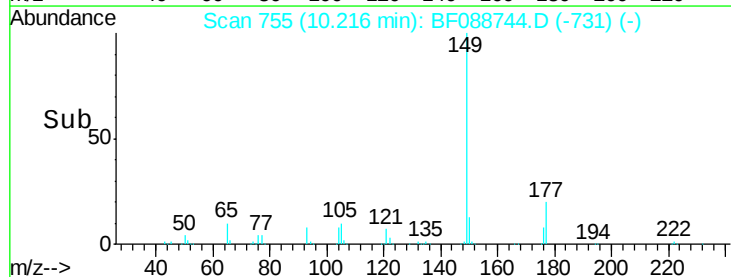


#59
 Diethylphthalate
 Concen: 44.51 ng
 RT: 10.22 min Scan# 755
 Delta R.T. -0.02 min
 Lab File: BF088744.D
 Acq: 6 Jul 2016 20:01

Tgt Ion: 149 Resp: 626530
 Ion Ratio Lower Upper
 149 100
 177 19.8 16.9 25.3
 150 12.5 10.1 15.1



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

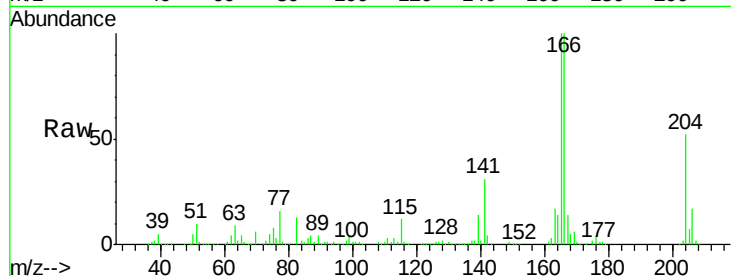




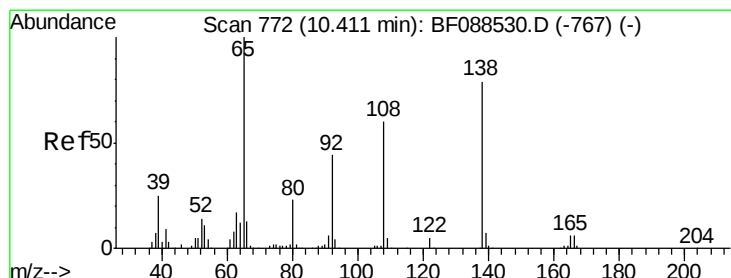
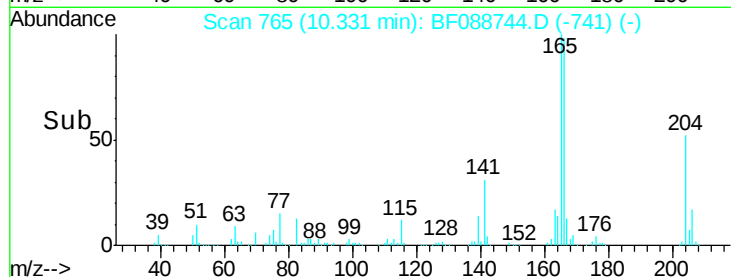
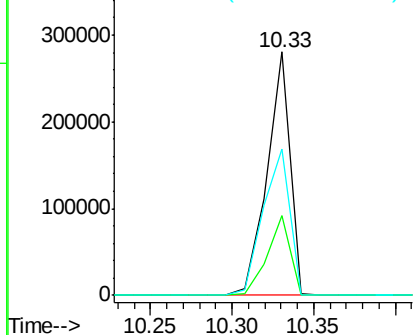
#60
 4-Chlorophenyl-phenylether
 Concen: 46.95 ng
 RT: 10.33 min Scan# 765
 Delta R.T. -0.02 min
 Lab File: BF088744.D
 Acq: 6 Jul 2016 20:01

Instrument :
 BNA_F
 ClientSampleId :
 PB91776BS

Tgt Ion:204 Resp: 274640
 Ion Ratio Lower Upper
 204 100
 206 32.9 26.3 39.5
 141 60.0 55.0 82.6

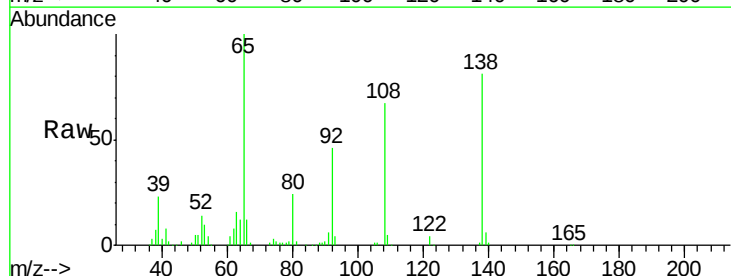


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

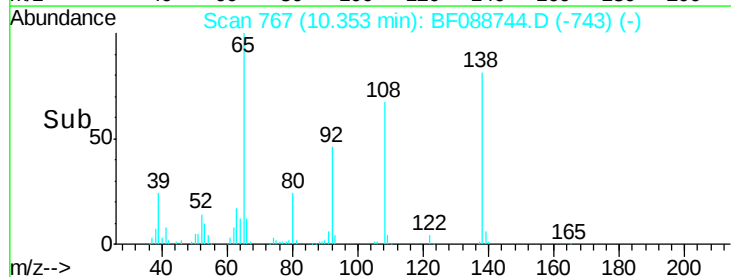
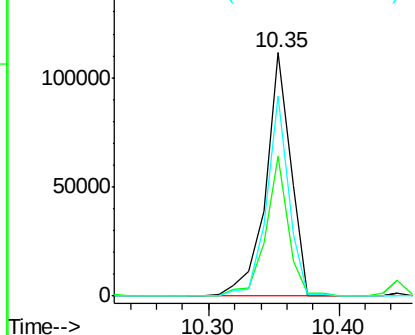


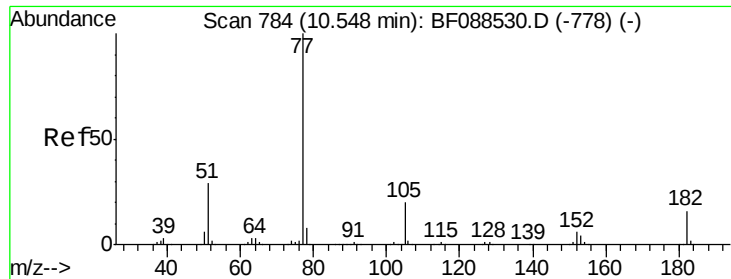
#61
 4-Nitroaniline
 Concen: 39.40 ng
 RT: 10.35 min Scan# 767
 Delta R.T. -0.02 min
 Lab File: BF088744.D
 Acq: 6 Jul 2016 20:01

Tgt Ion:138 Resp: 149812
 Ion Ratio Lower Upper
 138 100
 92 57.3 27.3 67.3
 108 82.4 46.7 86.7



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

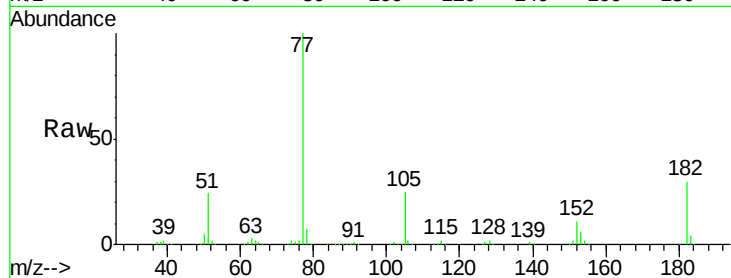




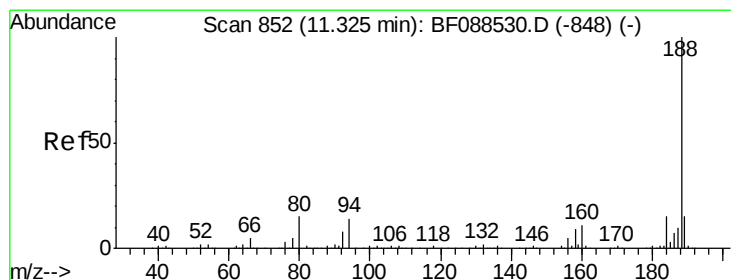
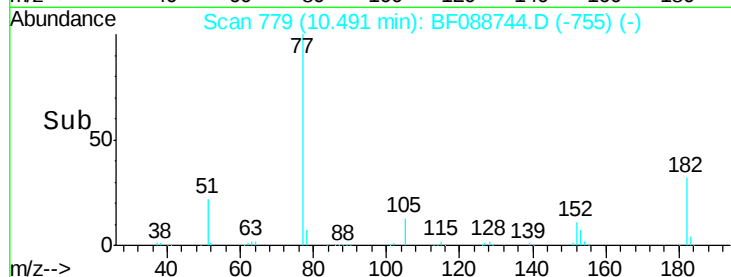
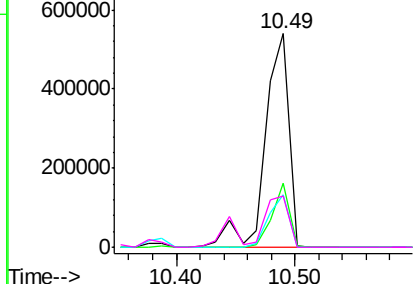
#62
Azobenzene
Concen: 47.05 ng
RT: 10.49 min Scan# 779
Delta R.T. -0.02 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

Instrument :
BNA_F
ClientSampleId :
PB91776BS

Tgt Ion:	77	Resp:	755359
Ion	Ratio	Lower	Upper
77	100		
182	29.9	4.4	44.4
105	24.7	3.8	43.8
51	24.1	9.3	49.3

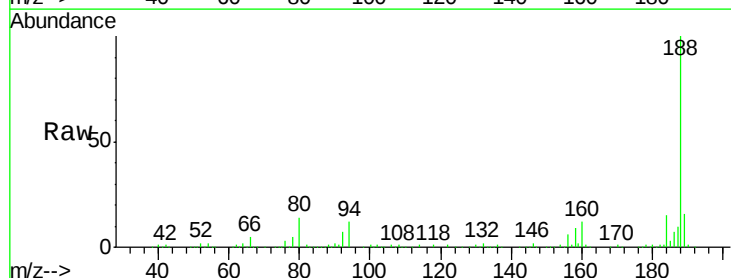


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

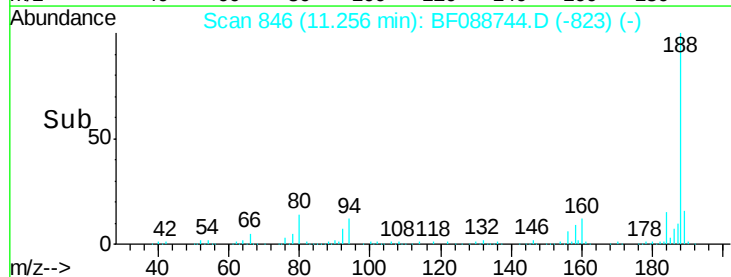
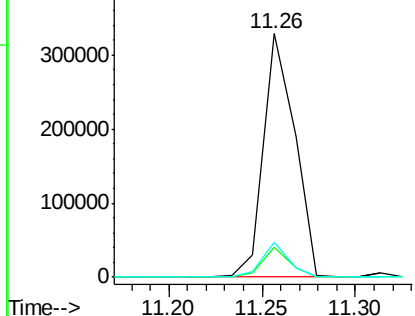


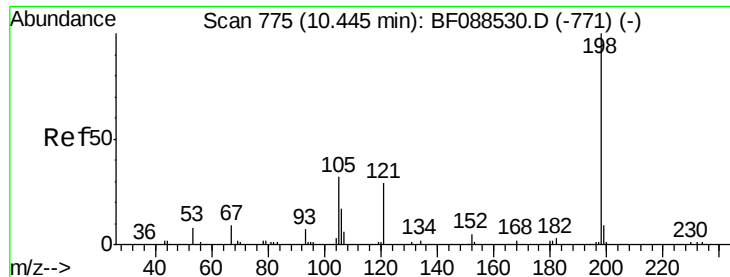
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 846
Delta R.T. -0.03 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

Tgt Ion:	188	Resp:	380571
Ion	Ratio	Lower	Upper
188	100		
94	12.1	9.0	13.6
80	14.2	10.0	15.0



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 28.15 ng

RT: 10.39 min Scan# 770

Delta R.T. -0.02 min

Lab File: BF088744.D

Acq: 6 Jul 2016 20:01

Instrument :

BNA_F

ClientSampleId :

PB91776BS

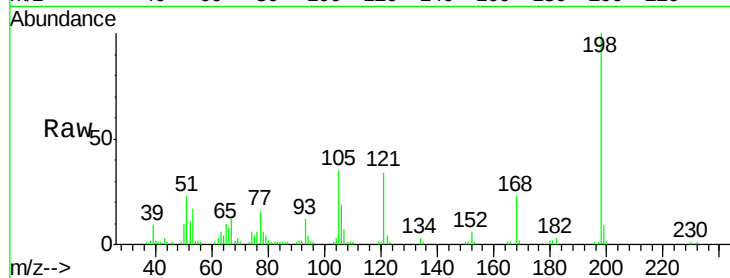
Tgt Ion:198 Resp: 57310

Ion Ratio Lower Upper

198 100

51 23.3 39.6 79.6#

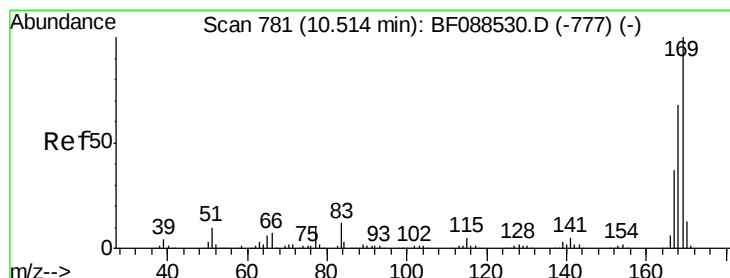
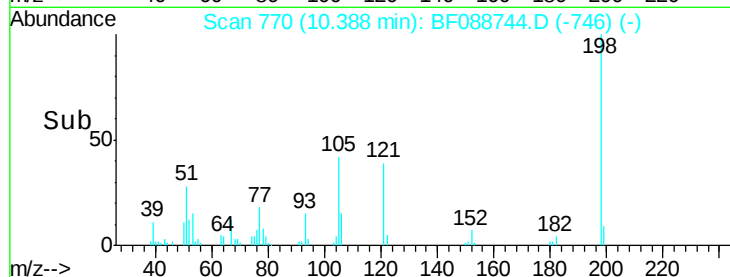
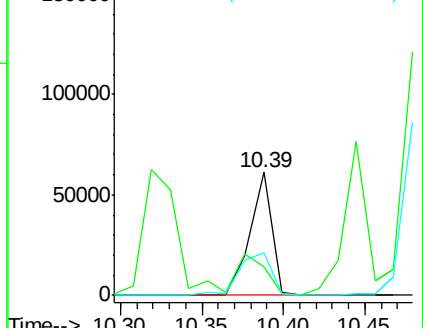
105 34.9 36.6 76.6#



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: 37.90 ng

RT: 10.44 min Scan# 775

Delta R.T. -0.03 min

Lab File: BF088744.D

Acq: 6 Jul 2016 20:01

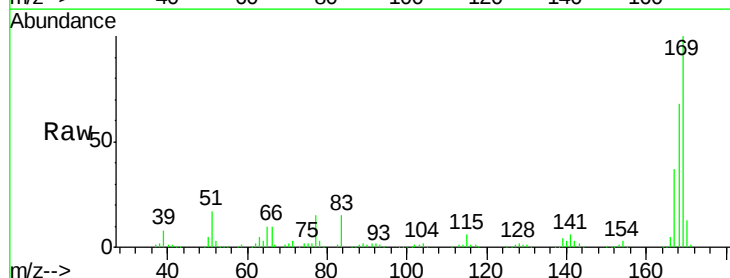
Tgt Ion:169 Resp: 488097

Ion Ratio Lower Upper

169 100

168 67.5 53.4 80.0

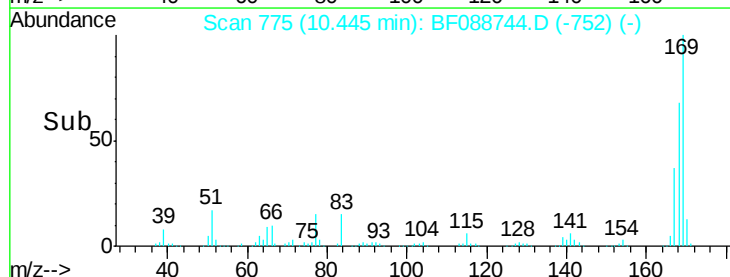
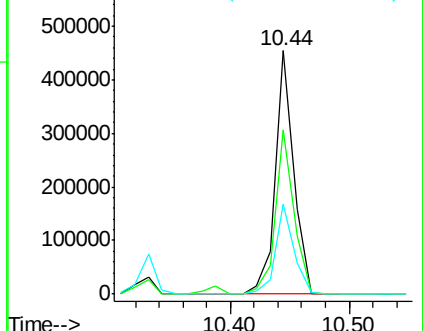
167 36.8 29.4 44.0

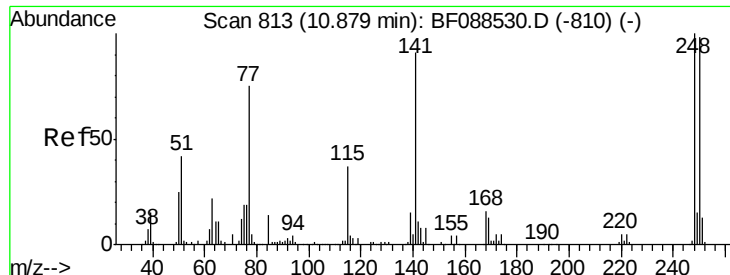


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

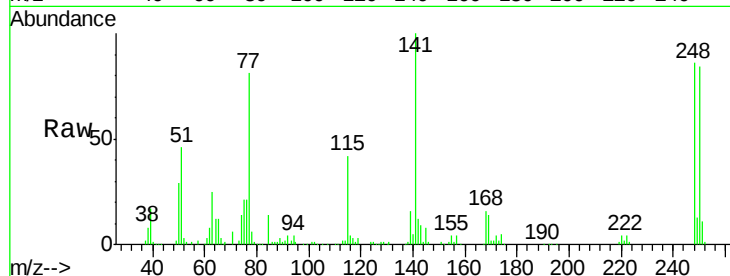




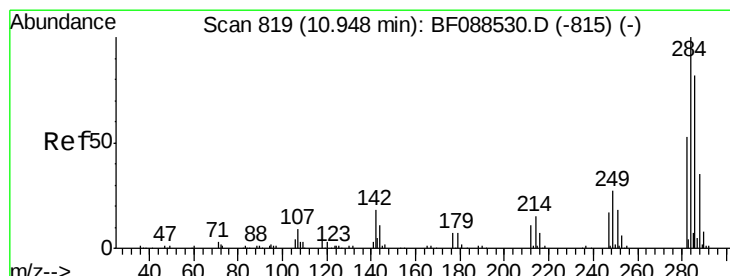
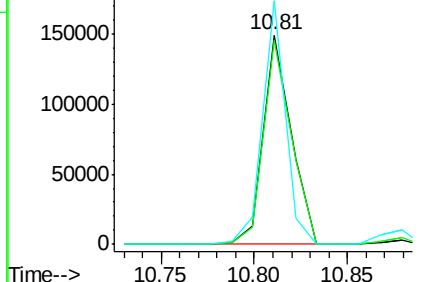
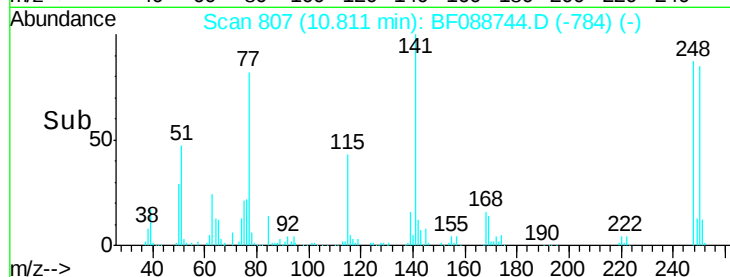
#66
 4-Bromophenyl-phenylether
 Concen: 40.05 ng
 RT: 10.81 min Scan# 807
 Delta R.T. -0.03 min
 Lab File: BF088744.D
 Acq: 6 Jul 2016 20:01

Instrument :
 BNA_F
 ClientSampleId :
 PB91776BS

Tgt Ion:248 Resp: 153590
 Ion Ratio Lower Upper
 248 100
 250 97.3 77.1 115.7
 141 116.2 50.6 76.0#

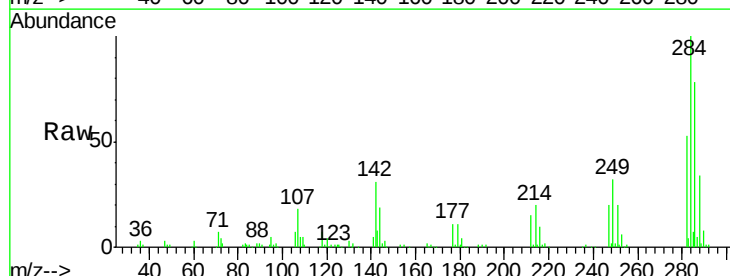


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

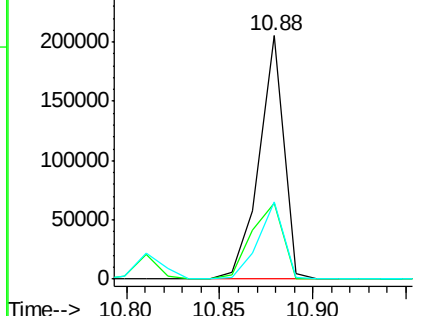
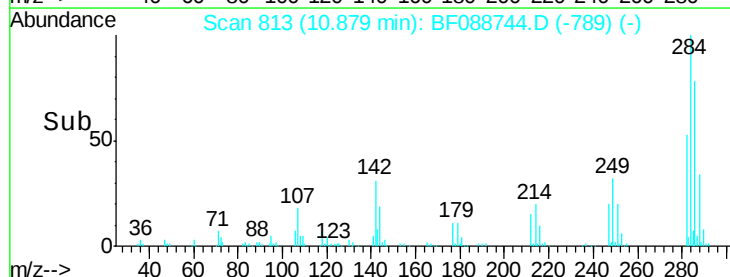


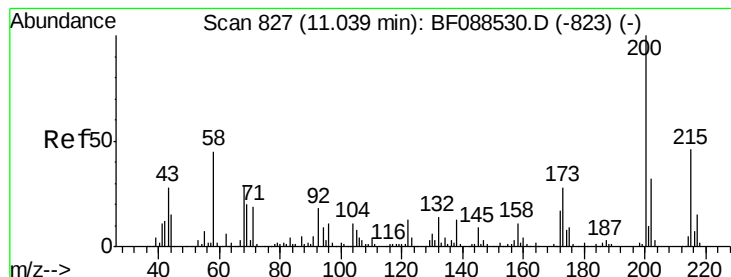
#67
 Hexachlorobenzene
 Concen: 44.20 ng
 RT: 10.88 min Scan# 813
 Delta R.T. -0.02 min
 Lab File: BF088744.D
 Acq: 6 Jul 2016 20:01

Tgt Ion:284 Resp: 187651
 Ion Ratio Lower Upper
 284 100
 142 31.4 35.8 53.8#
 249 31.6 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: 47.63 ng

RT: 10.98 min Scan# 822

Delta R.T. -0.02 min

Lab File: BF088744.D

Acq: 6 Jul 2016 20:01

Instrument :

BNA_F

ClientSampleId :

PB91776BS

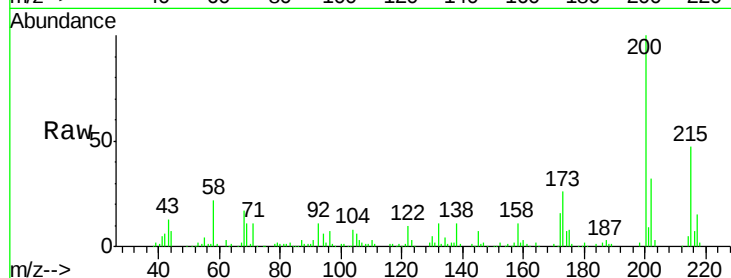
Tgt Ion:200 Resp: 191184

Ion Ratio Lower Upper

200 100

173 26.2 4.0 44.0

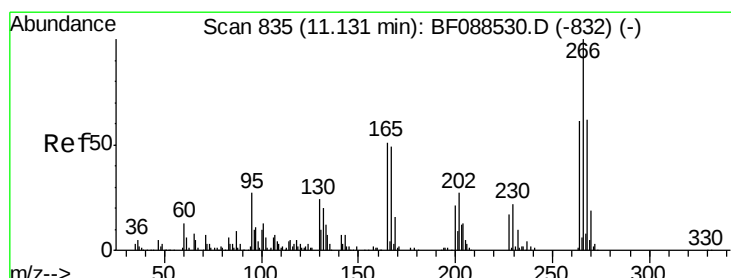
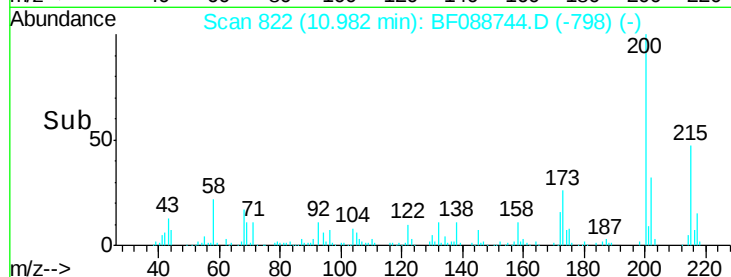
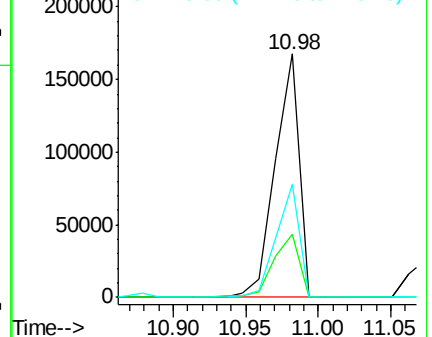
215 46.6 29.3 69.3



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: 61.94 ng

RT: 11.07 min Scan# 830

Delta R.T. -0.02 min

Lab File: BF088744.D

Acq: 6 Jul 2016 20:01

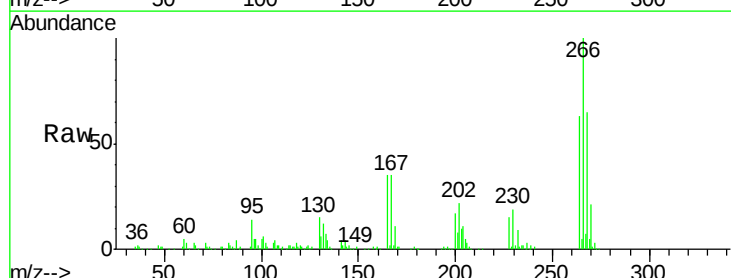
Tgt Ion:266 Resp: 155615

Ion Ratio Lower Upper

266 100

268 64.5 52.8 79.2

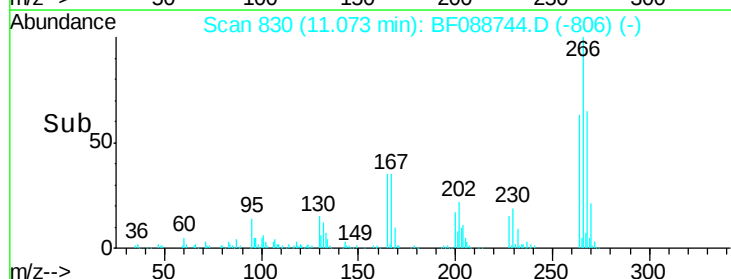
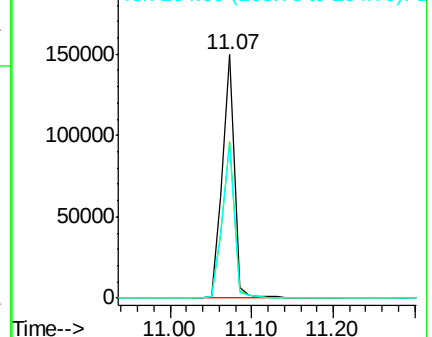
264 63.4 49.6 74.4

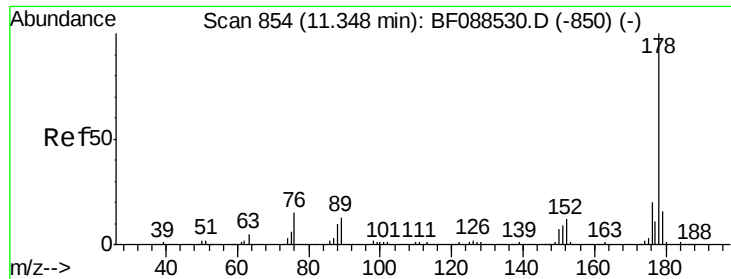


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

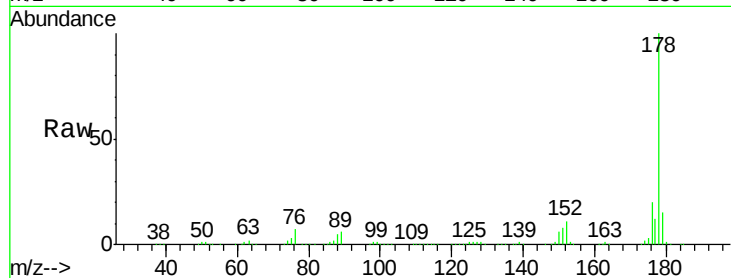




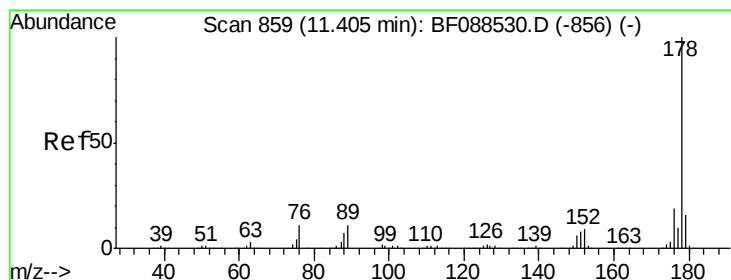
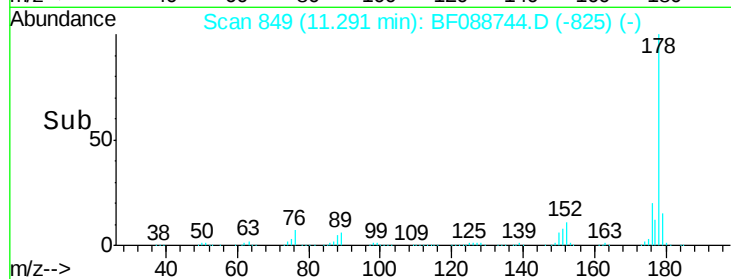
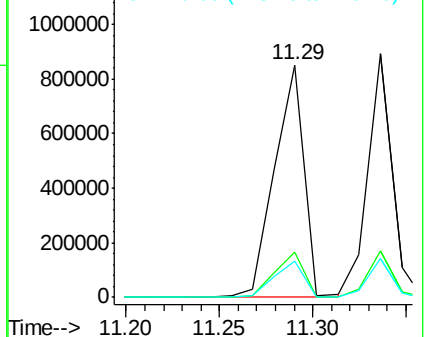
#70
Phenanthrene
Concen: 45.39 ng
RT: 11.29 min Scan# 849
Delta R.T. -0.02 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

Instrument :
BNA_F
ClientSampleId :
PB91776BS

Tgt Ion:178 Resp: 944307
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 15.4 13.0 19.4

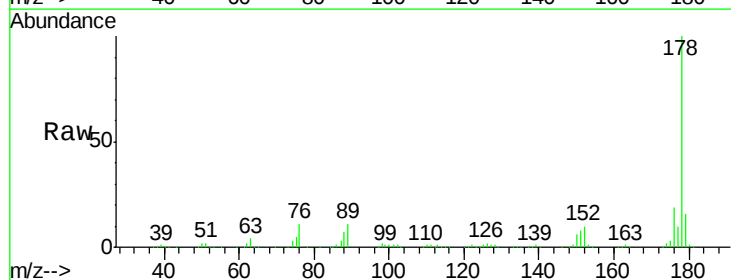


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

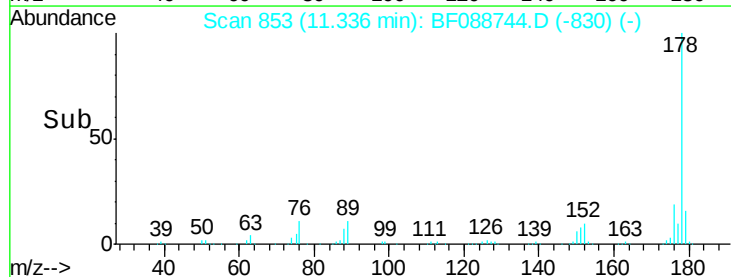
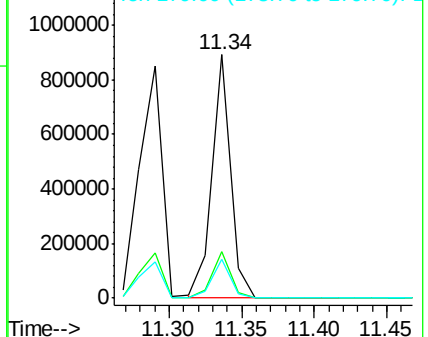


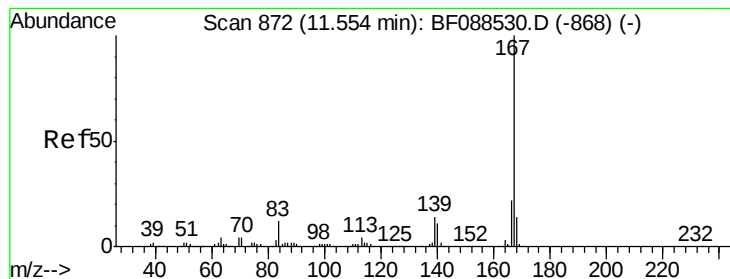
#71
Anthracene
Concen: 38.58 ng
RT: 11.34 min Scan# 853
Delta R.T. -0.03 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

Tgt Ion:178 Resp: 798145
Ion Ratio Lower Upper
178 100
176 19.2 15.6 23.4
179 15.9 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: 45.36 ng

RT: 11.50 min Scan# 867

Delta R.T. -0.02 min

Lab File: BF088744.D

Acq: 6 Jul 2016 20:01

Instrument :

BNA_F

ClientSampleId :

PB91776BS

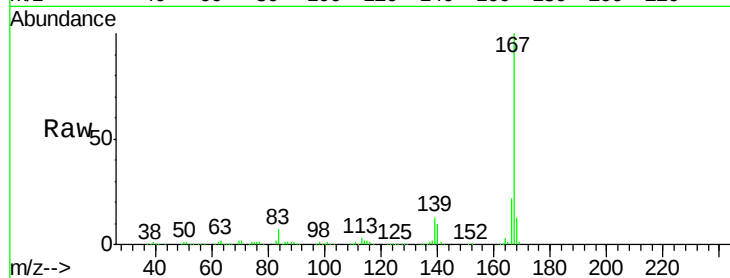
Tgt Ion:167 Resp: 883145

Ion Ratio Lower Upper

167 100

166 21.9 17.8 26.6

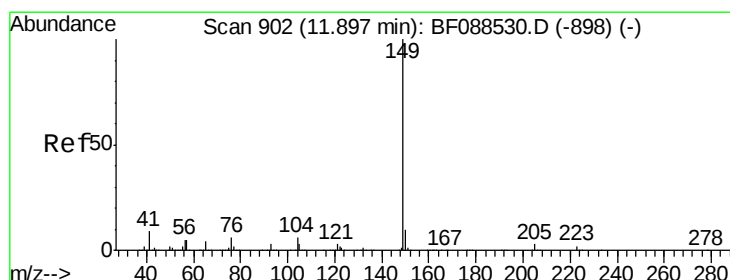
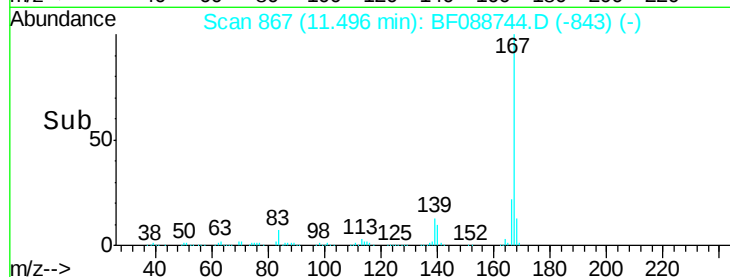
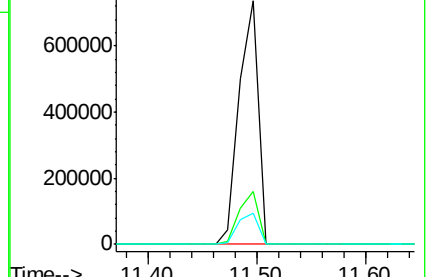
139 12.9 11.2 16.8



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: 42.14 ng

RT: 11.83 min Scan# 896

Delta R.T. -0.03 min

Lab File: BF088744.D

Acq: 6 Jul 2016 20:01

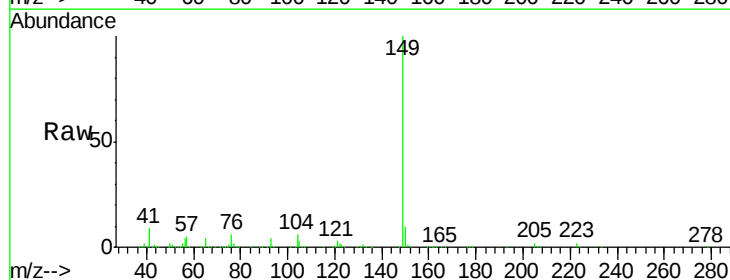
Tgt Ion:149 Resp: 954381

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

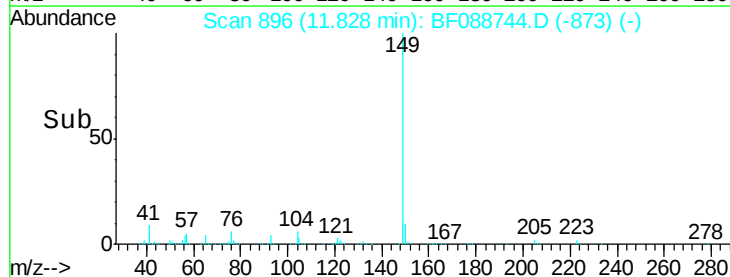
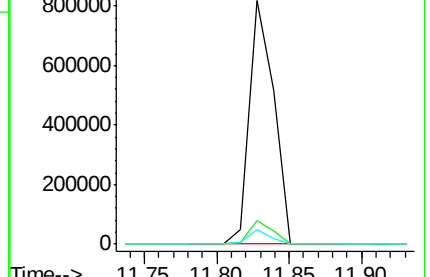
104 6.1 4.0 6.0#

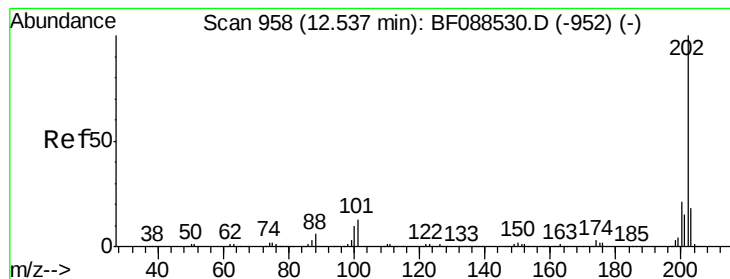


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 43.53 ng

RT: 12.47 min Scan# 952

Delta R.T. -0.02 min

Lab File: BF088744.D

Acq: 6 Jul 2016 20:01

Instrument :

BNA_F

ClientSampleId :

PB91776BS

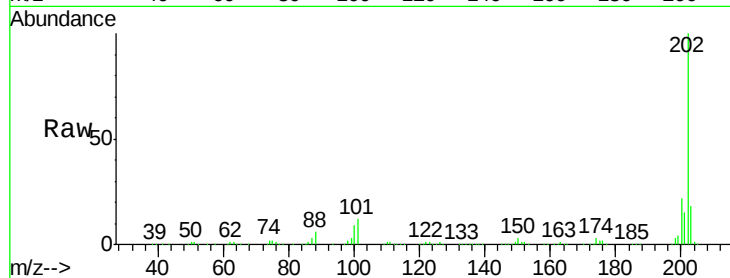
Tgt Ion: 202 Resp: 918106

Ion Ratio Lower Upper

202 100

101 12.0 0.0 33.1

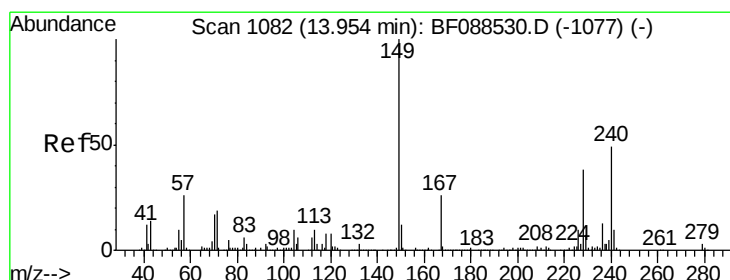
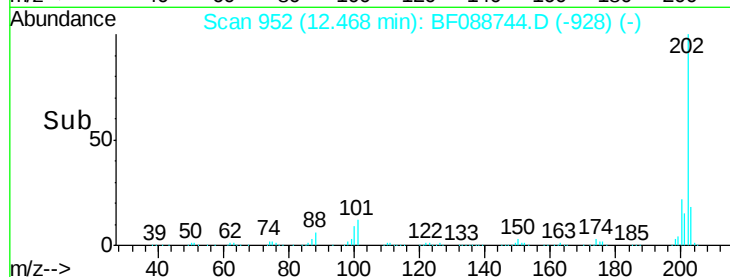
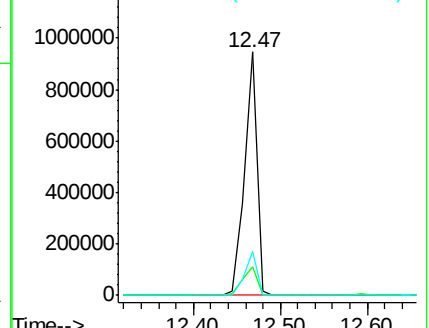
203 17.8 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1076

Delta R.T. -0.03 min

Lab File: BF088744.D

Acq: 6 Jul 2016 20:01

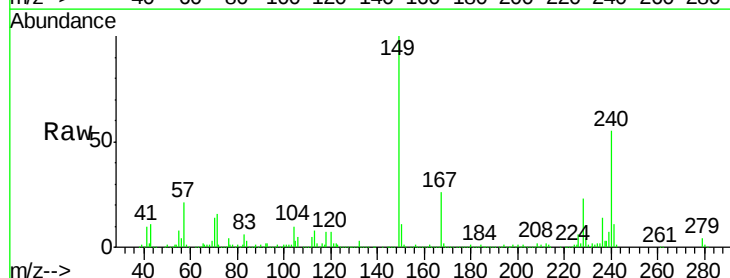
Tgt Ion: 240 Resp: 281101

Ion Ratio Lower Upper

240 100

120 12.5 6.8 10.2#

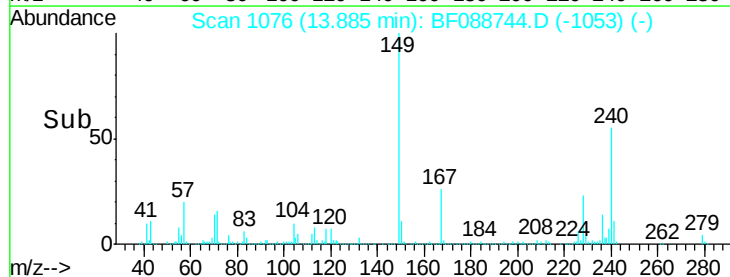
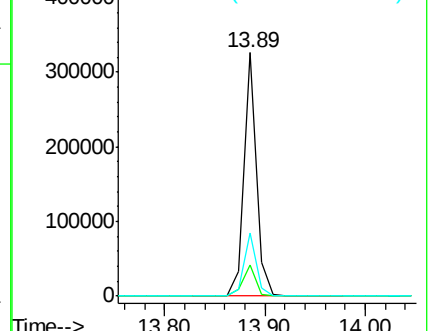
236 26.1 20.2 30.2

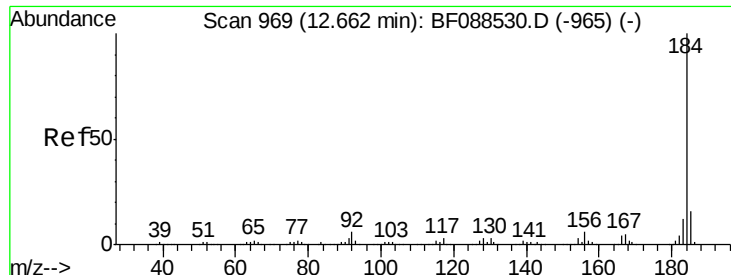


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

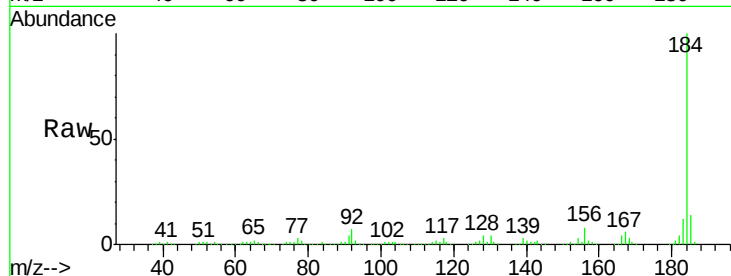




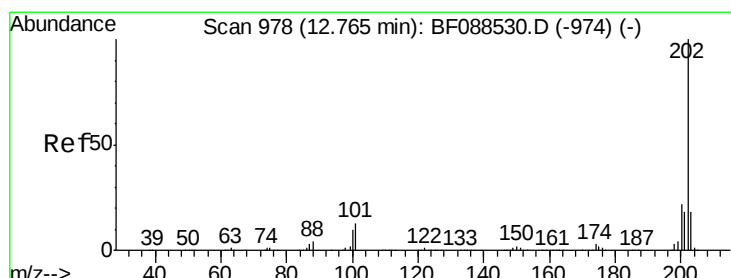
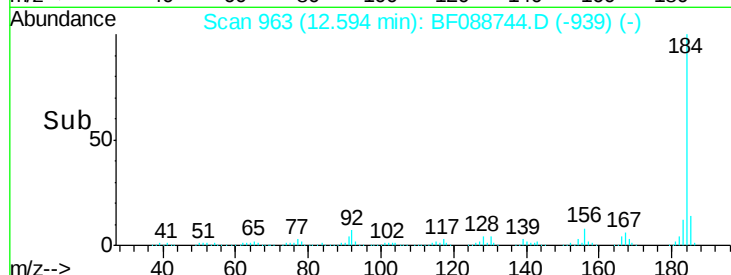
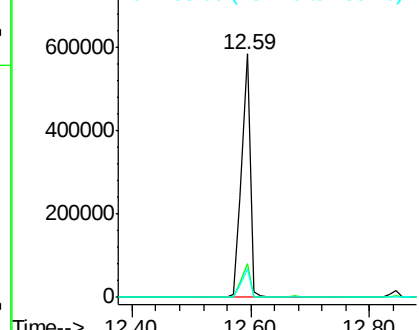
#76
Benzidine
Concen: 41.25 ng
RT: 12.59 min Scan# 963
Delta R.T. -0.02 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

Instrument :
BNA_F
ClientSampleId :
PB91776BS

Tgt Ion:184 Resp: 586079
Ion Ratio Lower Upper
184 100
185 14.0 12.5 18.7
183 11.9 9.3 13.9

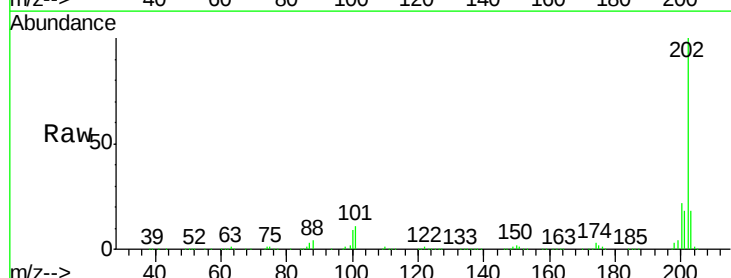


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

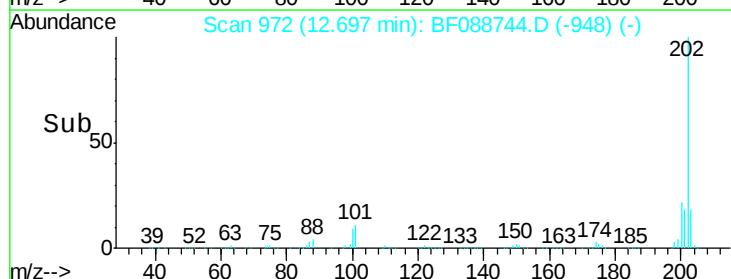
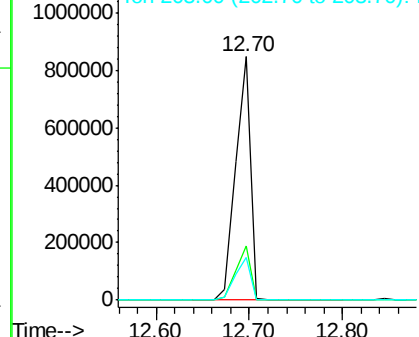


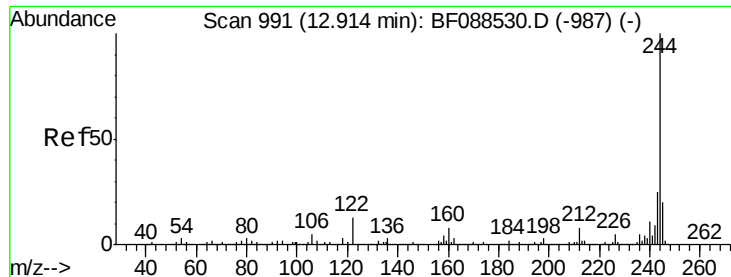
#77
Pyrene
Concen: 39.80 ng
RT: 12.70 min Scan# 972
Delta R.T. -0.02 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

Tgt Ion:202 Resp: 948553
Ion Ratio Lower Upper
202 100
200 22.0 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

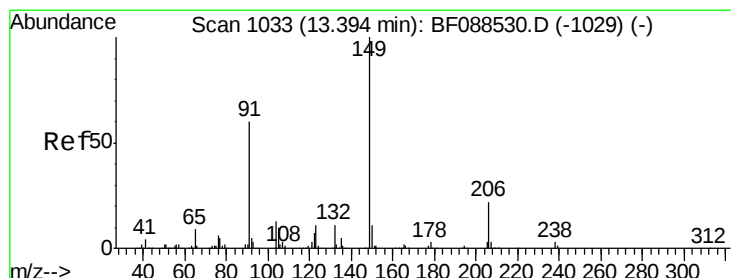
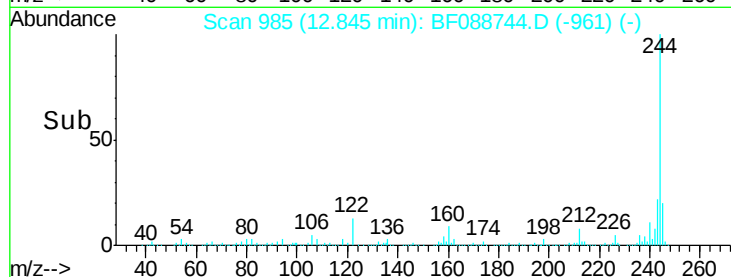
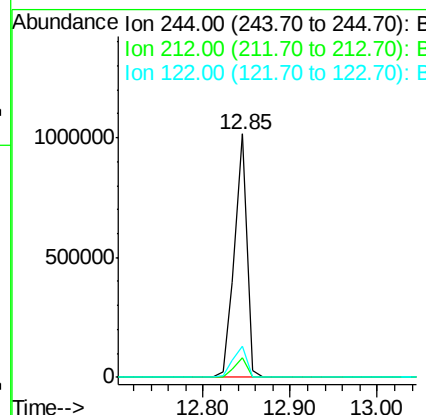
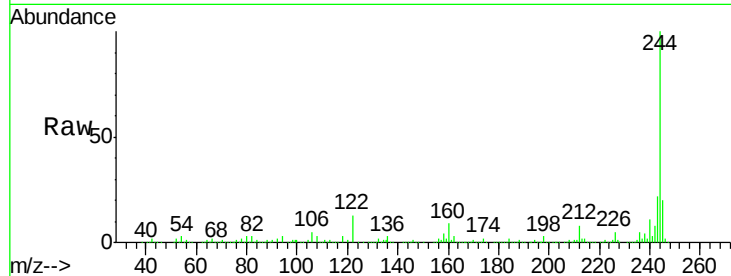




#78
 Terphenyl-d14
 Concen: 80.12 ng
 RT: 12.85 min Scan# 985
 Delta R.T. -0.02 min
 Lab File: BF088744.D
 Acq: 6 Jul 2016 20:01

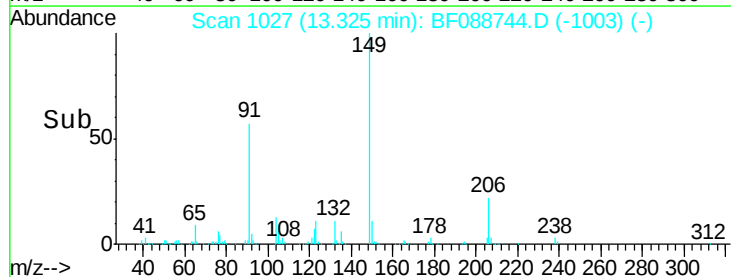
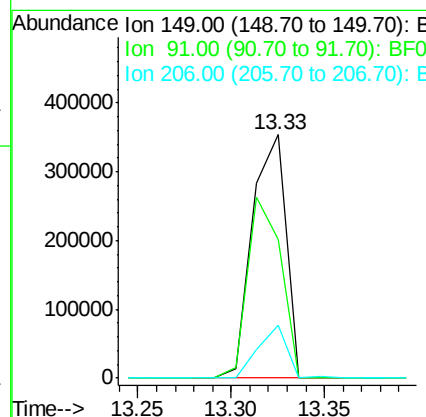
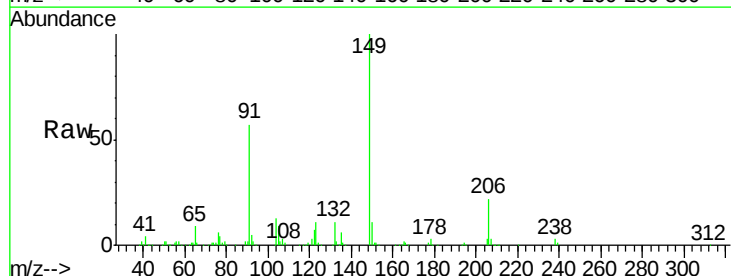
Instrument :
 BNA_F
 ClientSampleId :
 PB91776BS

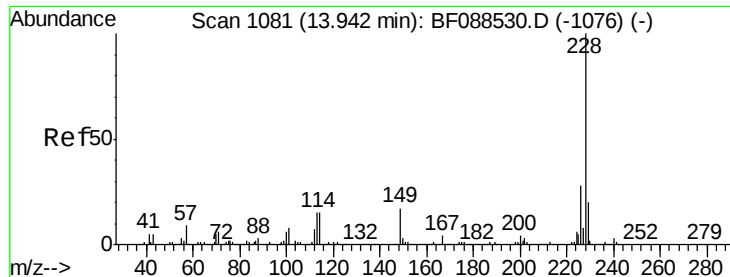
Tgt Ion:244 Resp: 1011190
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.0 9.0
 122 13.0 11.2 16.8



#79
 Butylbenzylphthalate
 Concen: 42.08 ng
 RT: 13.33 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BF088744.D
 Acq: 6 Jul 2016 20:01

Tgt Ion:149 Resp: 447389
 Ion Ratio Lower Upper
 149 100
 91 57.1 48.0 72.0
 206 21.6 16.0 24.0





#80

Benzo(a)anthracene

Concen: 40.81 ng

RT: 13.87 min Scan# 1075

Delta R.T. -0.03 min

Lab File: BF088744.D

Acq: 6 Jul 2016 20:01

Instrument :

BNA_F

ClientSampleId :

PB91776BS

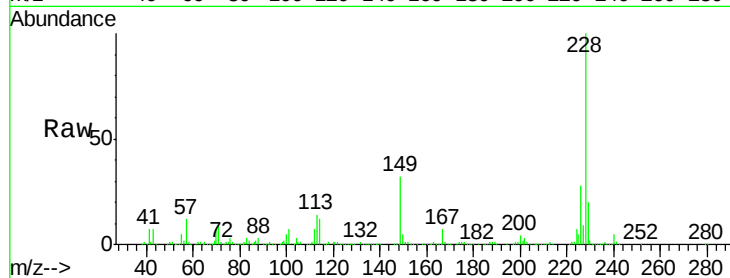
Tgt Ion:228 Resp: 738722

Ion Ratio Lower Upper

228 100

226 28.2 22.3 33.5

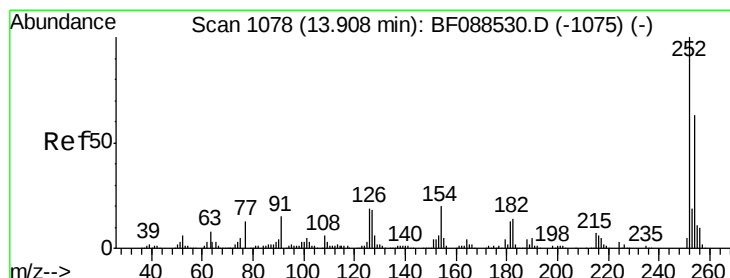
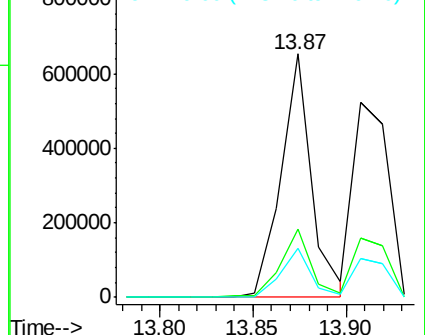
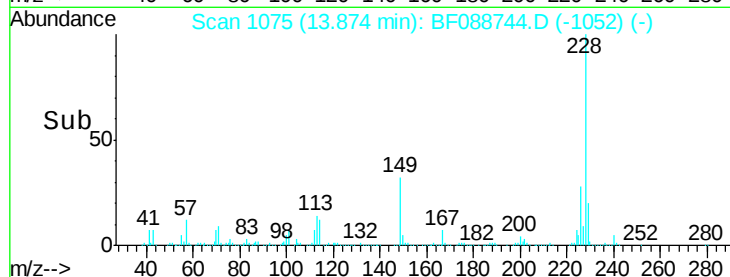
229 20.2 16.0 24.0



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: 18.67 ng

RT: 13.84 min Scan# 1072

Delta R.T. -0.03 min

Lab File: BF088744.D

Acq: 6 Jul 2016 20:01

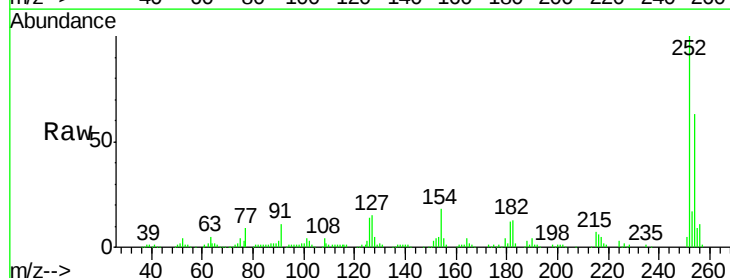
Tgt Ion:252 Resp: 127024

Ion Ratio Lower Upper

252 100

254 63.4 52.6 78.8

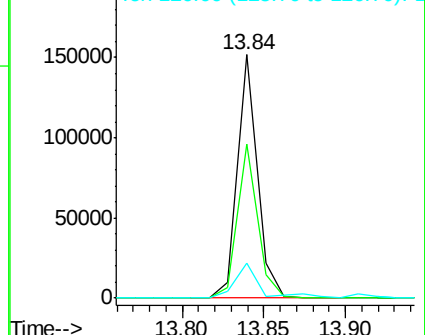
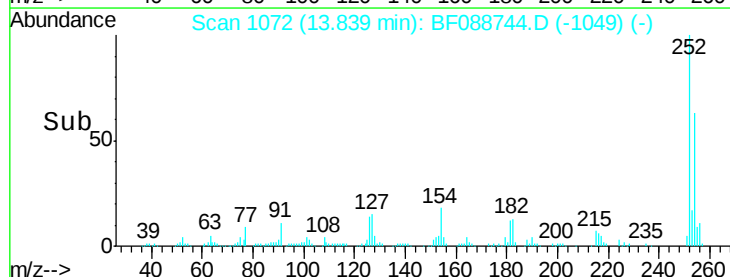
126 14.1 6.2 9.2#

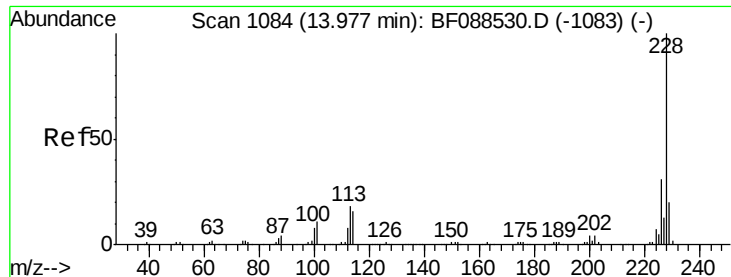


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

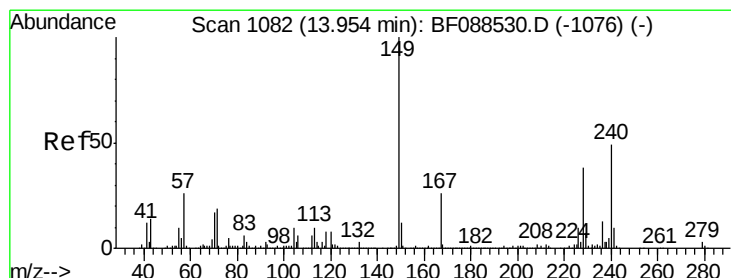
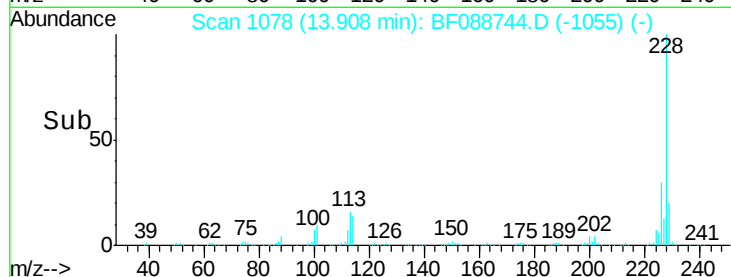
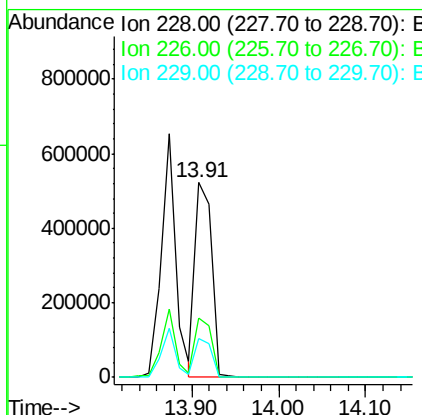
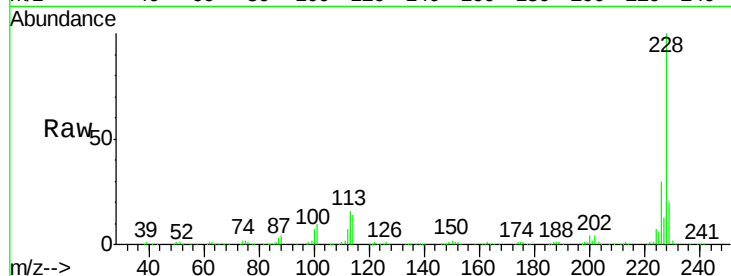




#82
 Chrysene
 Concen: 38.36 ng
 RT: 13.91 min Scan# 1078
 Delta R.T. -0.03 min
 Lab File: BF088744.D
 Acq: 6 Jul 2016 20:01

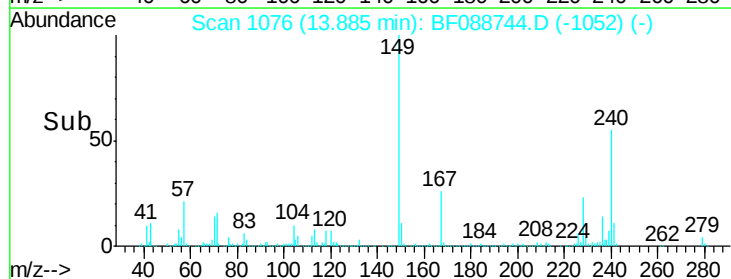
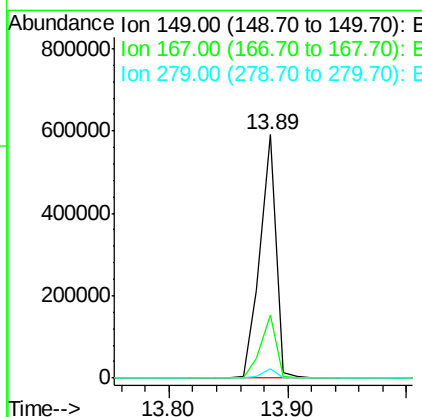
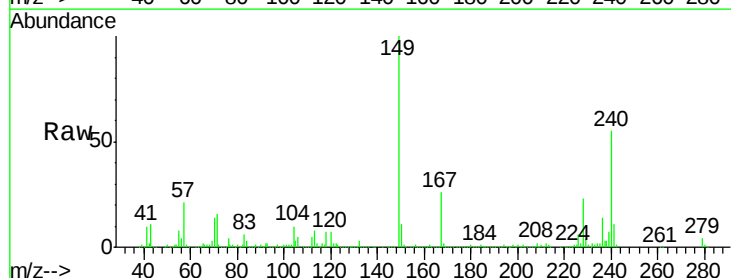
Instrument :
 BNA_F
 ClientSampleId :
 PB91776BS

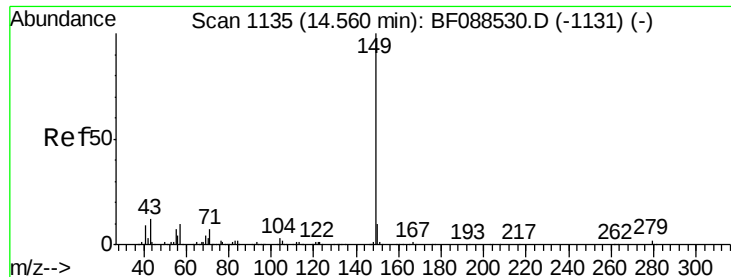
Tgt Ion: 228 Resp: 686893
 Ion Ratio Lower Upper
 228 100
 226 30.5 25.4 38.2
 229 20.2 16.3 24.5



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.62 ng
 RT: 13.89 min Scan# 1076
 Delta R.T. -0.02 min
 Lab File: BF088744.D
 Acq: 6 Jul 2016 20:01

Tgt Ion: 149 Resp: 565843
 Ion Ratio Lower Upper
 149 100
 167 26.1 20.5 30.7
 279 3.7 2.0 3.0#

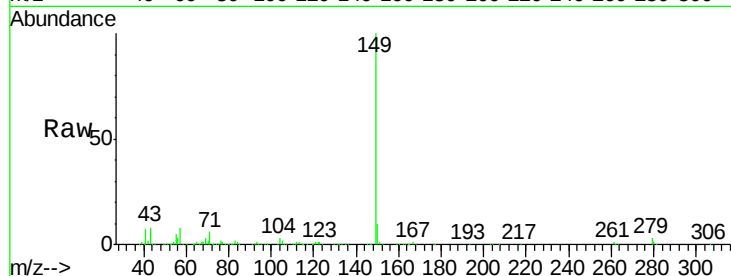




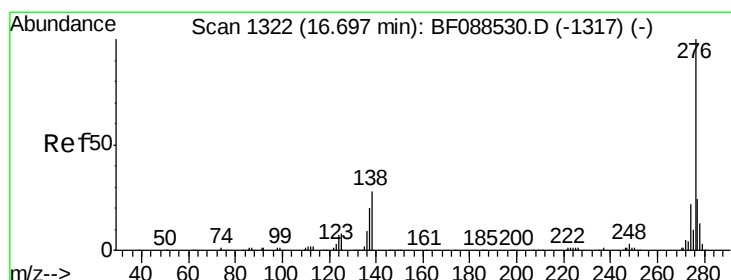
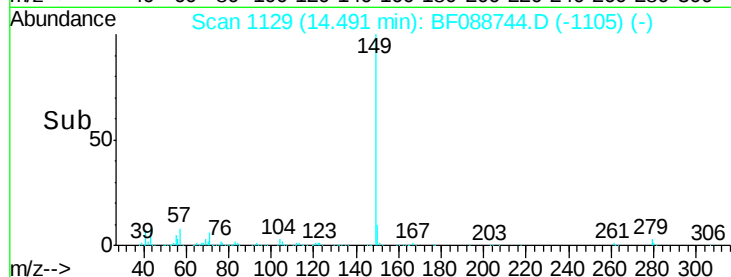
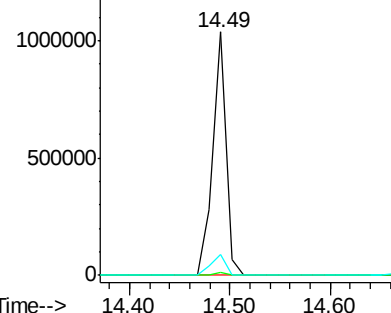
#84
Di-n-octyl phthalate
Concen: 46.46 ng
RT: 14.49 min Scan# 1129
Delta R.T. -0.02 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

Instrument :
BNA_F
ClientSampleId :
PB91776BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	0.0	0.0#
43	9.5	0.0	0.0#

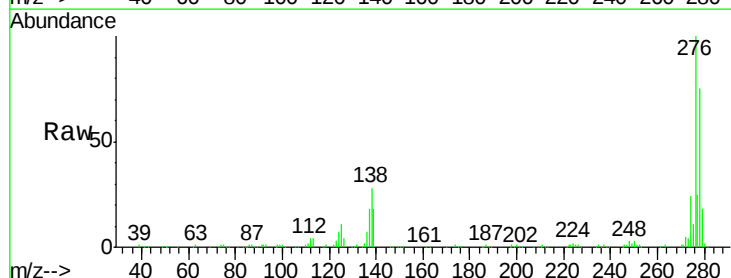


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0



#85
Indeno(1,2,3-cd)pyrene
Concen: 39.70 ng
RT: 16.58 min Scan# 1312
Delta R.T. -0.06 min
Lab File: BF088744.D
Acq: 6 Jul 2016 20:01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.2	0.0	0.0#
277	25.2	0.0	0.0#



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

