

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061816\
 Data File : BF088170.D
 Acq On : 19 Jun 2016 9:04
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Jun 20 00:57:59 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 17 16:09:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	103267	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	397130	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	153776	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	241354	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	171389	20.00	ng	-0.02
86) Perylene-d12	15.21	264	150229	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	451150	74.69	ng	0.00
7) Phenol-d6	6.35	99	530530	72.47	ng	0.00
23) Nitrobenzene-d5	7.26	82	506396	74.46	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	96952	59.71	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	789994	80.40	ng	-0.02
78) Terphenyl-d14	12.79	244	647240	85.93	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.17	88	121644	41.44	ng	# 40
3) Pyridine	2.84	79	264001	38.09	ng	93
4) n-Nitrosodimethylamine	2.80	42	106448	36.27	ng	85
6) Aniline	6.35	93	340071	32.64	ng	# 76
8) 2-Chlorophenol	6.48	128	283740	39.68	ng	86
9) Benzaldehyde	6.23	77	159595	32.25	ng	90
10) Phenol	6.36	94	350575	46.46	ng	98
11) bis(2-Chloroethyl)ether	6.43	93	261807	40.78	ng	86
12) 1,3-Dichlorobenzene	6.63	146	306540	39.96	ng	96
13) 1,4-Dichlorobenzene	6.71	146	313923	40.62	ng	97
14) 1,2-Dichlorobenzene	6.71	146	313923	44.67	ng	98
15) Benzyl Alcohol	6.84	79	181705	31.73	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.98	45	292615	33.74	ng	72
17) 2-Methylphenol	6.97	107	213688	36.85	ng	96
18) Hexachloroethane	7.20	117	94431	34.44	ng	99
19) n-Nitroso-di-n-propylamine	7.12	70	177461	37.89	ng	# 83
20) 3+4-Methylphenols	7.13	107	273567	40.44	ng	# 72
22) Acetophenone	7.11	105	351970	39.66	ng	# 98
24) Nitrobenzene	7.28	77	251173	38.13	ng	92
25) Isophorone	7.52	82	453221	35.98	ng	100
26) 2-Nitrophenol	7.60	139	120940	34.27	ng	# 74
27) 2,4-Dimethylphenol	7.64	122	207299	31.90	ng	94
28) bis(2-Chloroethoxy)methane	7.74	93	318211	40.73	ng	# 97
29) 2,4-Dichlorophenol	7.85	162	201847	37.21	ng	91
30) 1,2,4-Trichlorobenzene	7.92	180	223947	37.91	ng	100
31) Naphthalene	8.00	128	748350	38.08	ng	99
32) Benzoic acid	7.78	122	93797	26.22	ng	93
33) 4-Chloroaniline	8.06	127	313770	35.75	ng	95
34) Hexachlorobutadiene	8.11	225	112261	36.04	ng	99
35) Caprolactam	8.43	113	59272	32.99	ng	# 84
36) 4-Chloro-3-methylphenol	8.55	107	185150	31.91	ng	94
37) 2-Methylnaphthalene	8.79	142	437536	33.78	ng	95
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	197418	52.10	ng	# 1
40) Hexachlorocyclopentadiene	8.84	237	12549	5.06	ng	93

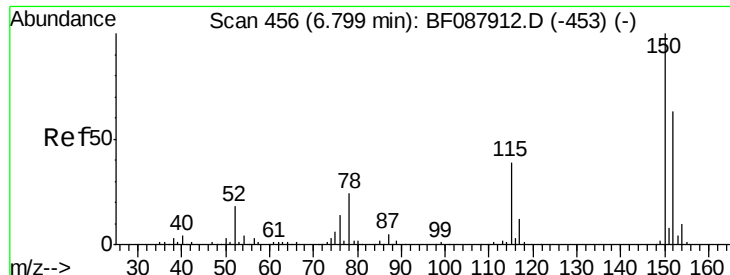
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061816\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	115167	37.45	ng	96
43) 2,4,5-Trichlorophenol	9.02	196	119301	37.29	ng	# 86
45) 1,1'-Biphenyl	9.15	154	552915	48.37	ng	97
46) 2-Chloronaphthalene	9.18	162	413245	41.53	ng	97
47) 2-Nitroaniline	9.28	65	111656	38.04	ng	# 84
48) Acenaphthylene	9.59	152	619662	39.15	ng	99
49) Dimethylphthalate	9.46	163	499411	44.83	ng	99
50) 2,6-Dinitrotoluene	9.52	165	90424	35.45	ng	# 70
51) Acenaphthene	9.76	154	364082	36.87	ng	100
52) 3-Nitroaniline	9.69	138	111448	37.86	ng	91
53) 2,4-Dinitrophenol	9.80	184	10772	12.21	ng	# 86
54) Dibenzofuran	9.93	168	519837	38.23	ng	94
55) 4-Nitrophenol	9.87	139	85583	37.46	ng	91
56) 2,4-Dinitrotoluene	9.92	165	96136	29.32	ng	# 46
57) Fluorene	10.27	166	396458	42.92	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	91556	36.41	ng	# 58
59) Diethylphthalate	10.16	149	463954	41.15	ng	97
60) 4-Chlorophenyl-phenylether	10.26	204	161309	35.67	ng	94
61) 4-Nitroaniline	10.31	138	110757	39.67	ng	83
62) Azobenzene	10.42	77	403861	36.22	ng	95
64) 4,6-Dinitro-2-methylphenol	10.33	198	15043	11.70	ng	90
65) n-Nitrosodiphenylamine	10.39	169	355864	44.44	ng	99
66) 4-Bromophenyl-phenylether	10.75	248	112621	43.49	ng	98
67) Hexachlorobenzene	10.81	284	104650	38.90	ng	90
68) Atrazine	10.91	200	59906	24.70	ng	91
69) Pentachlorophenol	11.02	266	62978	44.41	ng	97
70) Phenanthrene	11.22	178	503399	39.75	ng	100
71) Anthracene	11.28	178	536263	41.98	ng	99
72) Carbazole	11.44	167	513184	42.93	ng	99
73) Di-n-butylphthalate	11.77	149	628835	41.55	ng	99
74) Fluoranthene	12.41	202	542758	40.61	ng	97
76) Benzidine	12.54	184	210043	44.26	ng	98
77) Pyrene	12.64	202	534977	42.06	ng	99
79) Butylbenzylphthalate	13.26	149	256928	45.69	ng	# 78
80) Benzo(a)anthracene	13.82	228	414224	42.41	ng	99
81) 3,3'-Dichlorobenzidine	13.79	252	135073	51.43	ng	99
82) Chrysene	13.86	228	436488	47.50	ng	97
83) Bis(2-ethylhexyl)phthalate	13.82	149	336185	49.12	ng	# 97
84) Di-n-octyl phthalate	14.43	149	628150	56.48	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.51	276	338924	39.70	ng	# 100
87) Benzo(b)fluoranthene	14.86	252	740557	70.73	ng	# 97
88) Benzo(k)fluoranthene	14.86	252	740565	93.76	ng	98
89) Benzo(a)pyrene	15.15	252	342949	40.48	ng	99
90) Dibenzo(a,h)anthracene	16.53	278	288631	36.68	ng	97
91) Benzo(g,h,i)perylene	16.90	276	289334	35.75	ng	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF088170.D

Acq: 19 Jun 2016 9:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

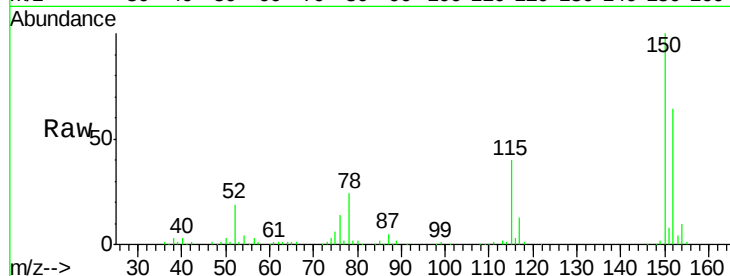
Tgt Ion:152 Resp: 103267

Ion Ratio Lower Upper

152 100

150 155.5 123.8 185.6

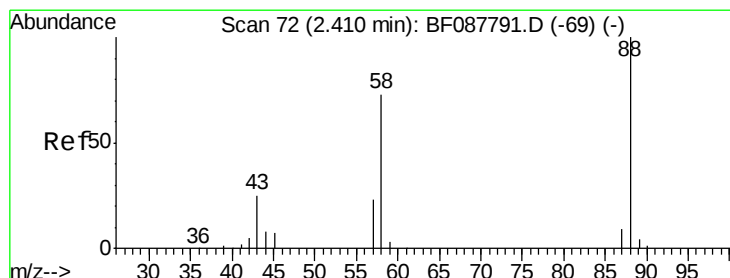
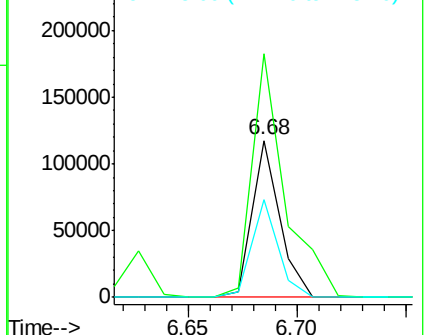
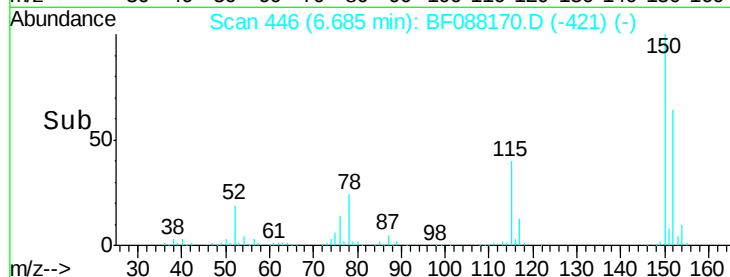
115 62.7 39.6 59.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 41.44 ng

RT: 2.17 min Scan# 51

Delta R.T. -0.01 min

Lab File: BF088170.D

Acq: 19 Jun 2016 9:04

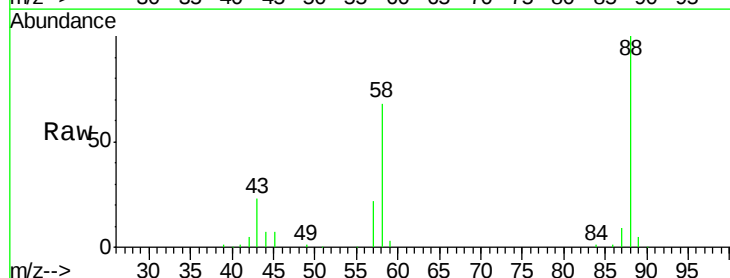
Tgt Ion: 88 Resp: 121644

Ion Ratio Lower Upper

88 100

58 69.8 0.0 0.0#

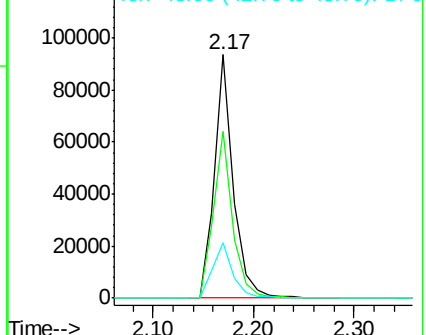
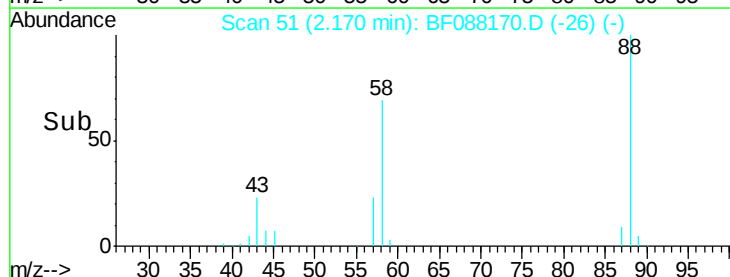
43 24.2 3.4 5.2#

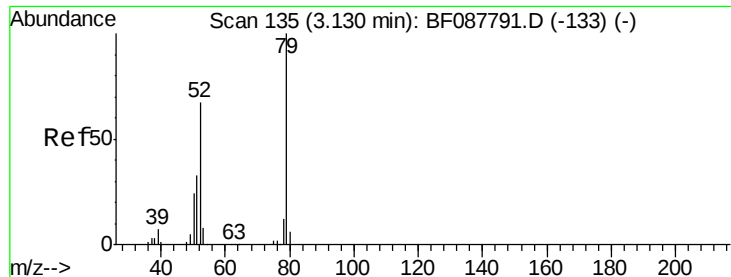


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 38.09 ng

RT: 2.84 min Scan# 110

Delta R.T. -0.00 min

Lab File: BF088170.D

Acq: 19 Jun 2016 9:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

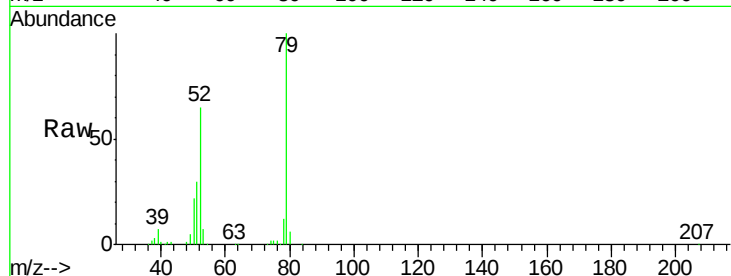
Tgt Ion: 79 Resp: 264001

Ion Ratio Lower Upper

79 100

52 65.3 56.3 84.5

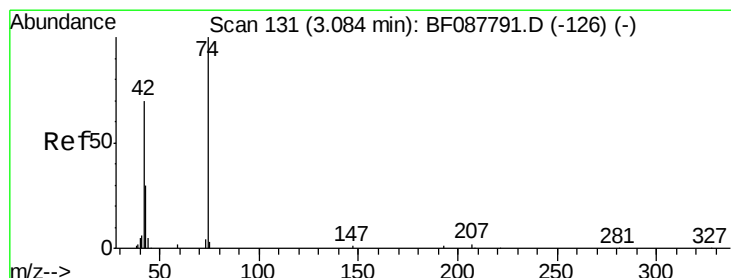
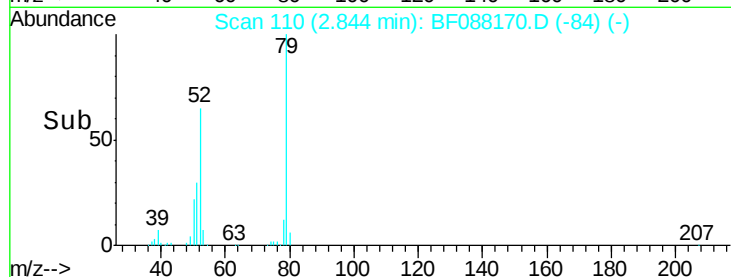
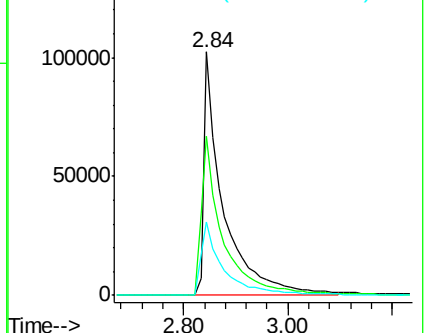
51 30.1 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 36.27 ng

RT: 2.80 min Scan# 106

Delta R.T. -0.01 min

Lab File: BF088170.D

Acq: 19 Jun 2016 9:04

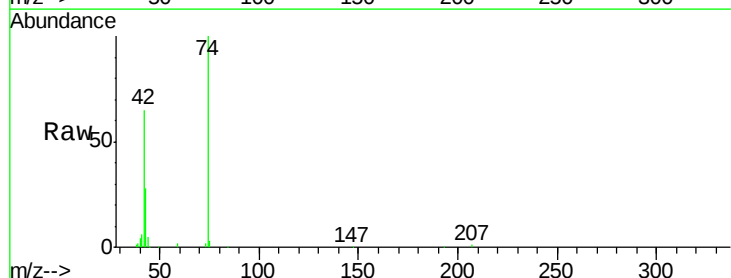
Tgt Ion: 42 Resp: 106448

Ion Ratio Lower Upper

42 100

74 154.7 108.6 163.0

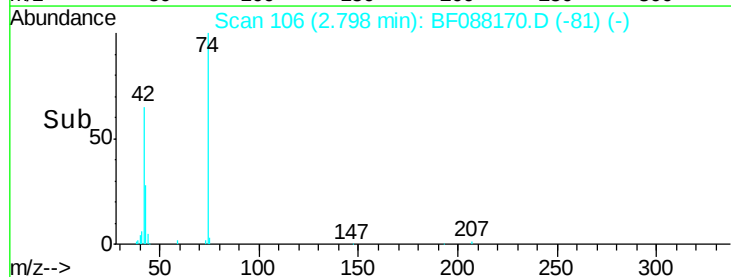
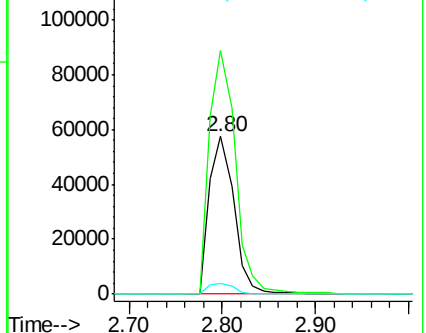
44 7.1 5.5 8.3

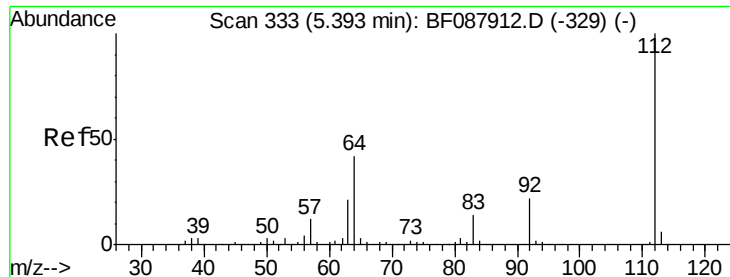


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 74.69 ng

RT: 5.28 min Scan# 323

Delta R.T. -0.00 min

Lab File: BF088170.D

Acq: 19 Jun 2016 9:04

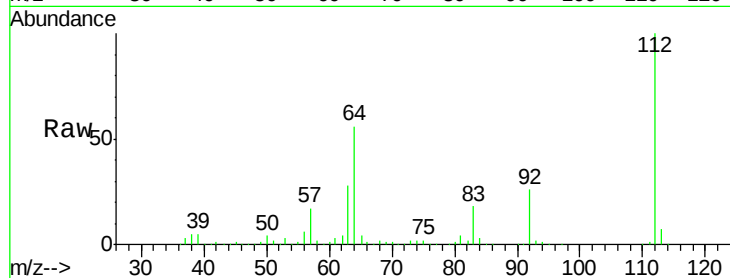
Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:	112	Resp:	451150
Ion	Ratio	Lower	Upper
112	100		
64	55.8	42.2	63.2
63	28.4	21.8	32.8



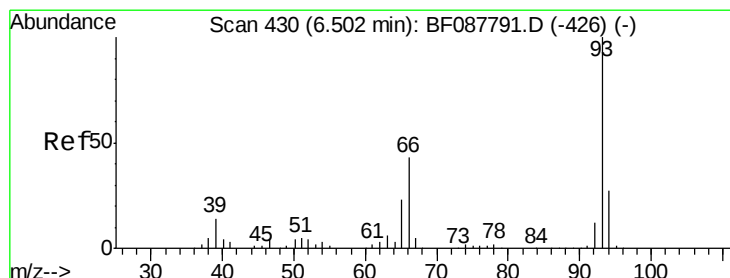
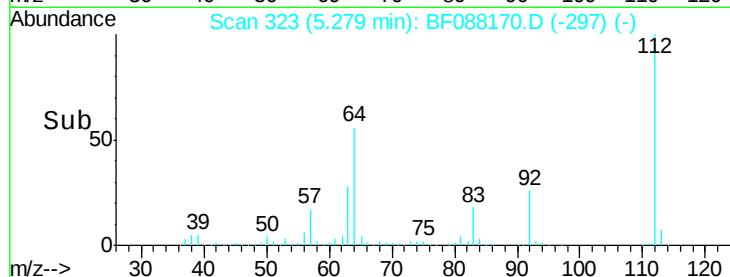
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

5.28

Time-->



#6

Aniline

Concen: 32.64 ng

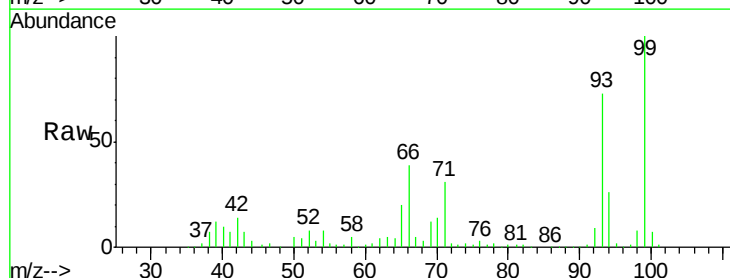
RT: 6.35 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF088170.D

Acq: 19 Jun 2016 9:04

Tgt Ion:	93	Resp:	340071
Ion	Ratio	Lower	Upper
93	100		
66	53.2	29.8	44.8#
65	27.2	14.9	22.3#



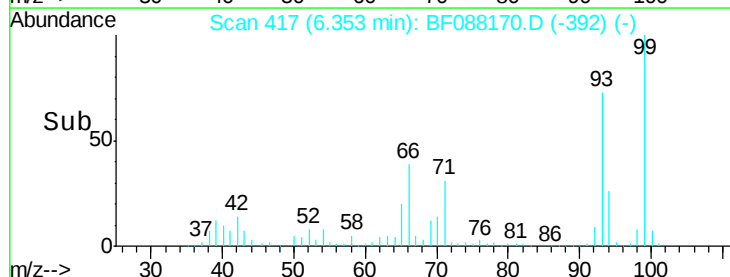
Abundance Ion 93.00 (92.70 to 93.70): BF0

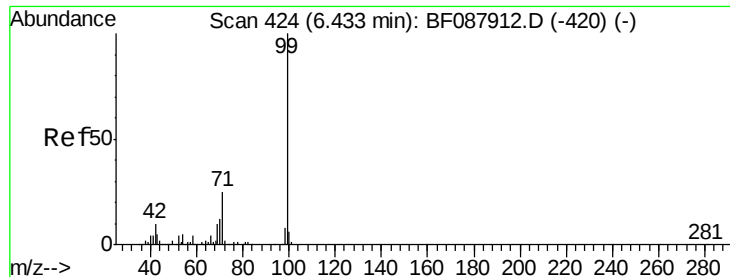
Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

6.35

Time-->





#7

Phenol-d6

Concen: 72.47 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF088170.D

Acq: 19 Jun 2016 9:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

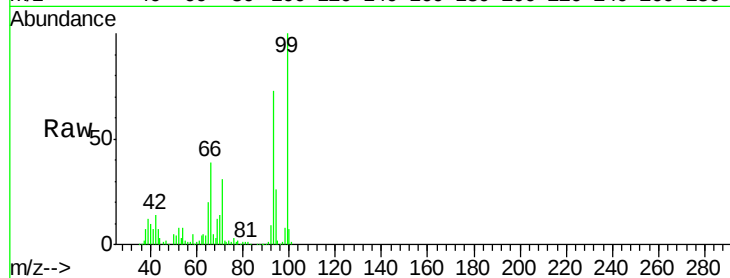
Tgt Ion: 99 Resp: 530530

Ion Ratio Lower Upper

99 100

42 14.1 12.2 18.2

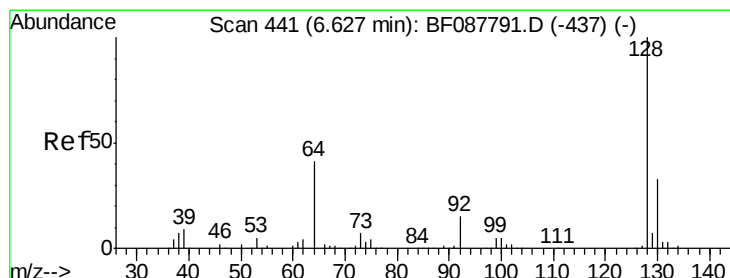
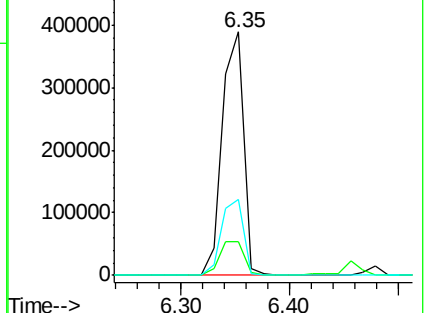
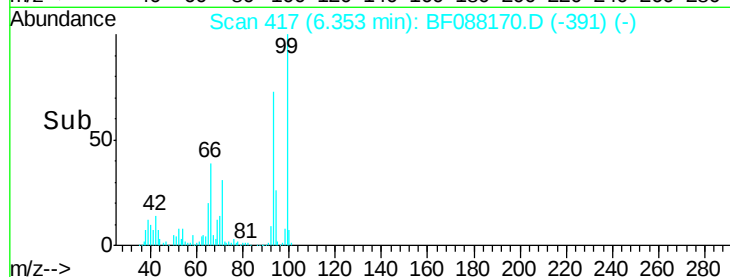
71 31.2 23.4 35.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.68 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF088170.D

Acq: 19 Jun 2016 9:04

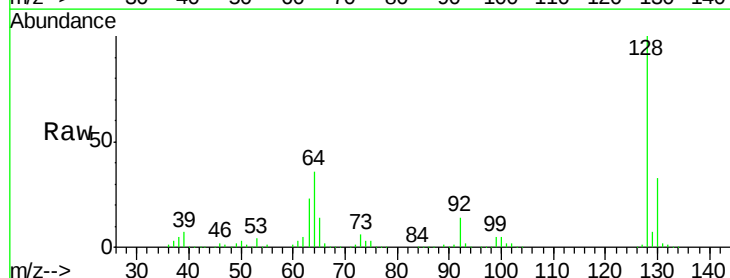
Tgt Ion: 128 Resp: 283740

Ion Ratio Lower Upper

128 100

130 33.4 12.0 52.0

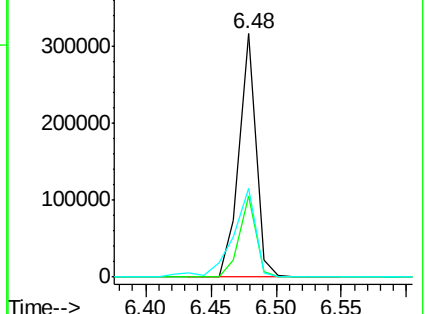
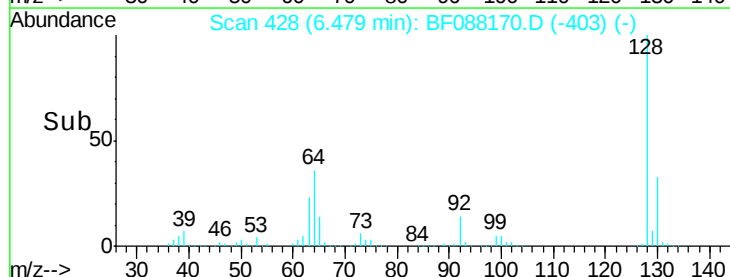
64 36.4 30.8 70.8

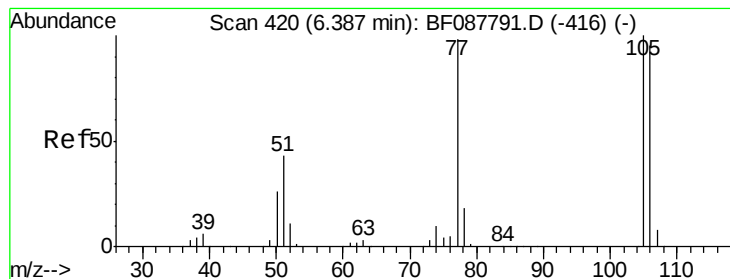


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 32.25 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.01 min

Lab File: BF088170.D

Acq: 19 Jun 2016 9:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

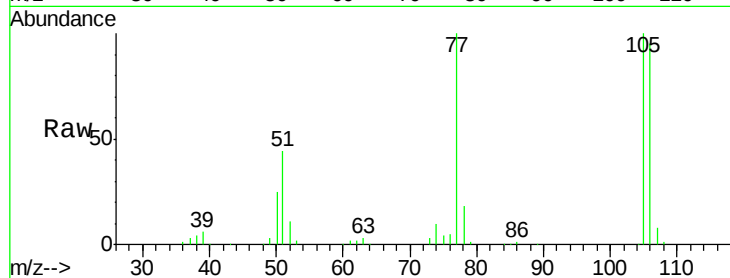
Tgt Ion: 77 Resp: 159595

Ion Ratio Lower Upper

77 100

105 100.0 90.6 130.6

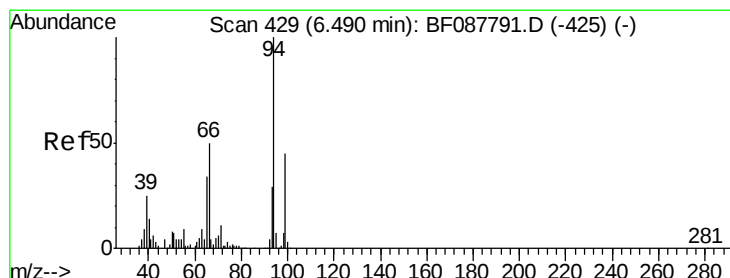
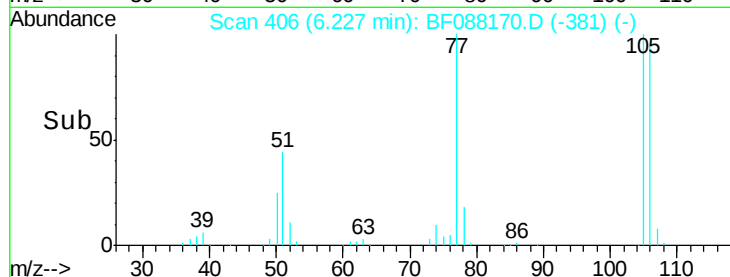
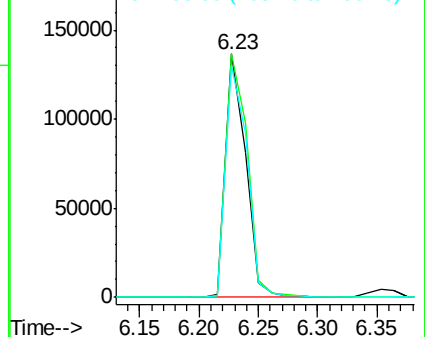
106 95.2 85.3 125.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 46.46 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF088170.D

Acq: 19 Jun 2016 9:04

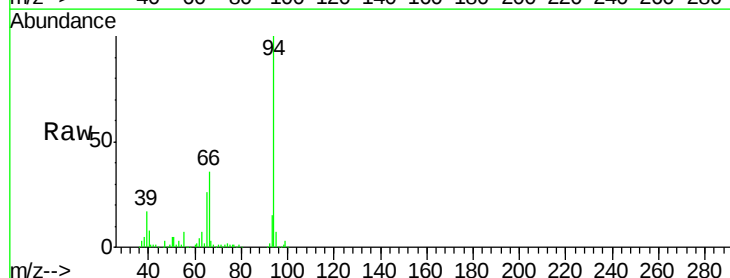
Tgt Ion: 94 Resp: 350575

Ion Ratio Lower Upper

94 100

65 26.0 5.9 45.9

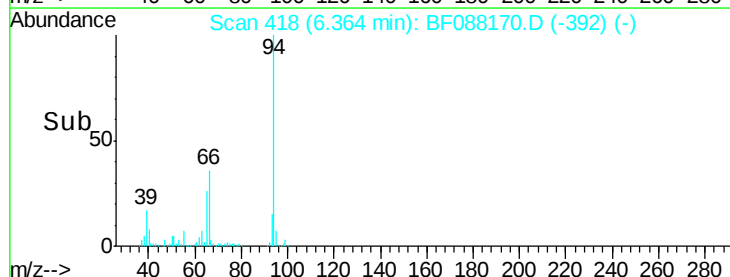
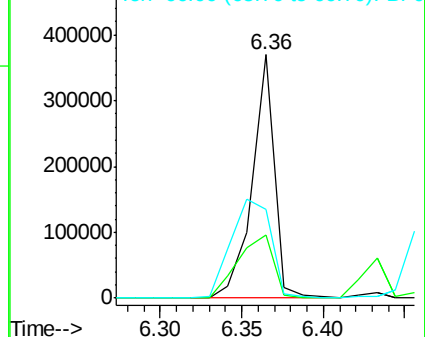
66 36.3 14.0 54.0

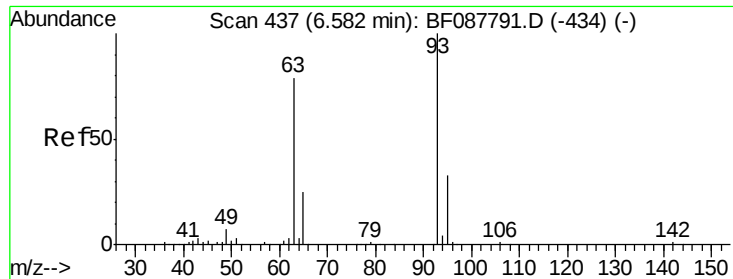


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

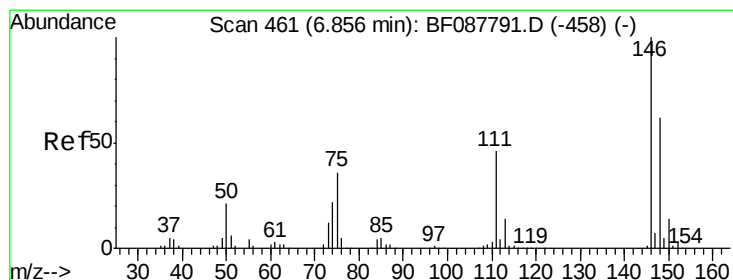
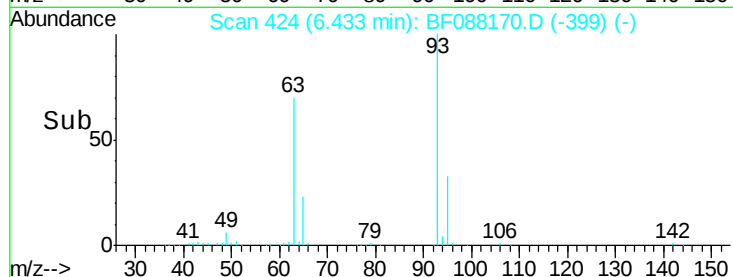
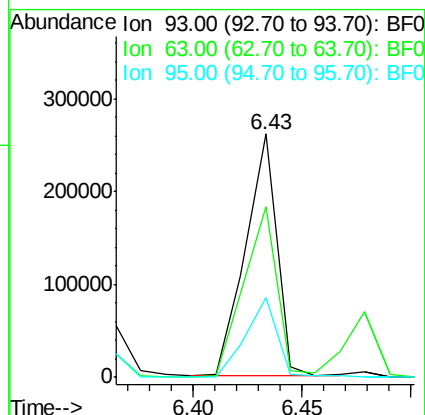
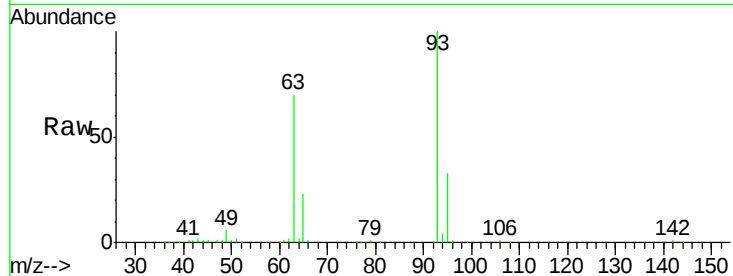




#11
bis(2-Chloroethyl)ether
Concen: 40.78 ng
RT: 6.43 min Scan# 424
Delta R.T. -0.01 min
Lab File: BF088170.D
Acq: 19 Jun 2016 9:04

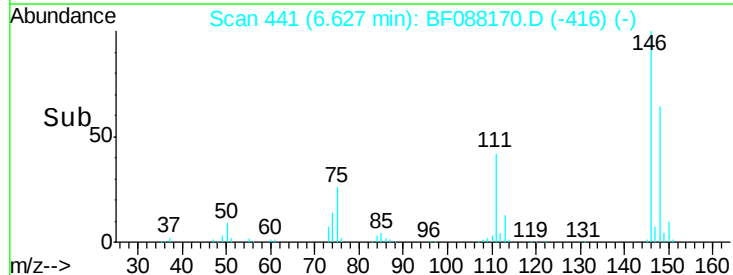
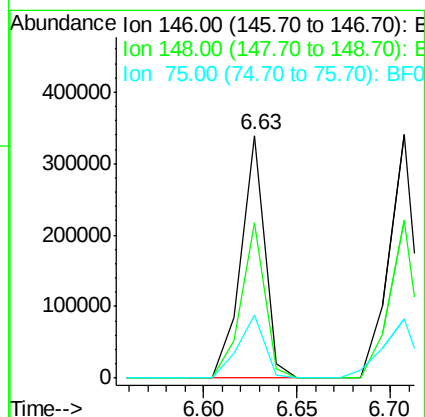
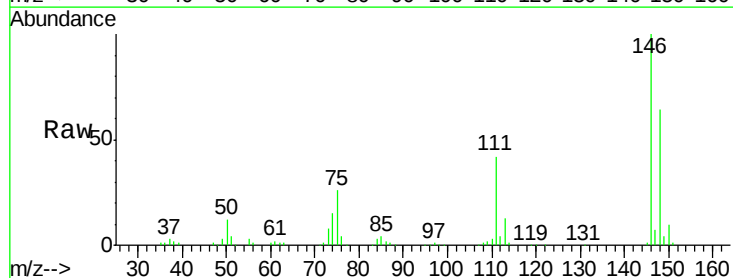
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

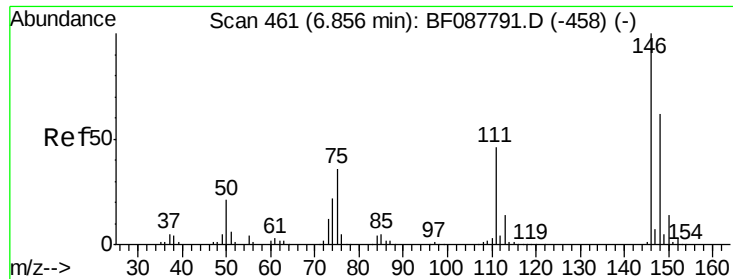
Tgt Ion: 93 Resp: 261807
Ion Ratio Lower Upper
93 100
63 70.1 67.6 107.6
95 33.0 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 39.96 ng
RT: 6.63 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF088170.D
Acq: 19 Jun 2016 9:04

Tgt Ion: 146 Resp: 306540
Ion Ratio Lower Upper
146 100
148 64.2 50.9 76.3
75 26.1 25.6 38.4

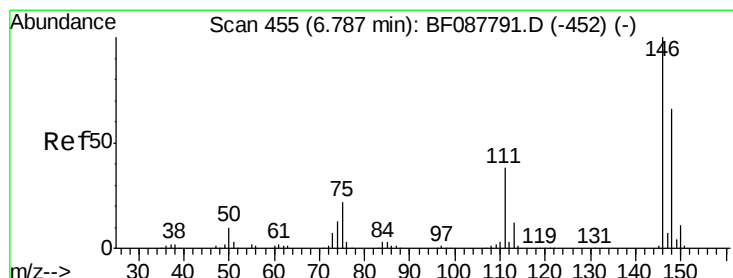
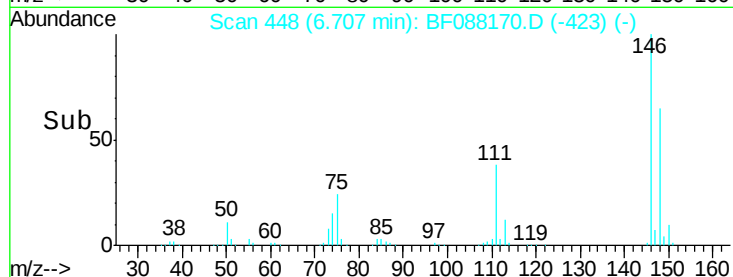
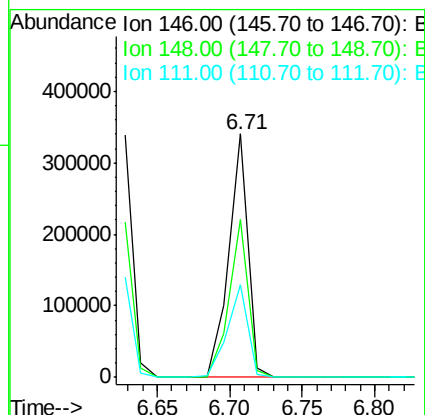
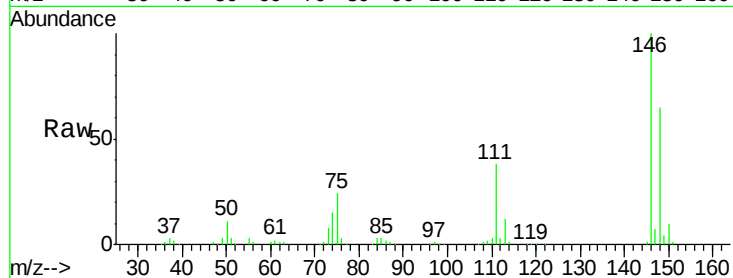




#13
 1,4-Dichlorobenzene
 Concen: 40.62 ng
 RT: 6.71 min Scan# 448
 Delta R.T. -0.01 min
 Lab File: BF088170.D
 Acq: 19 Jun 2016 9:04

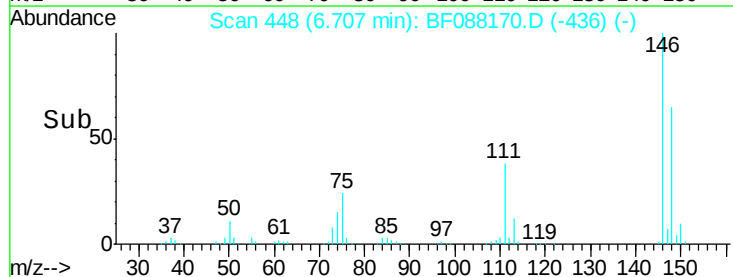
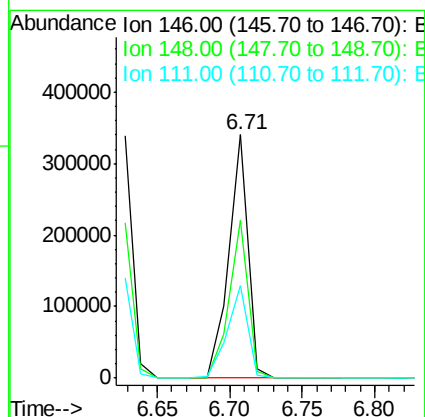
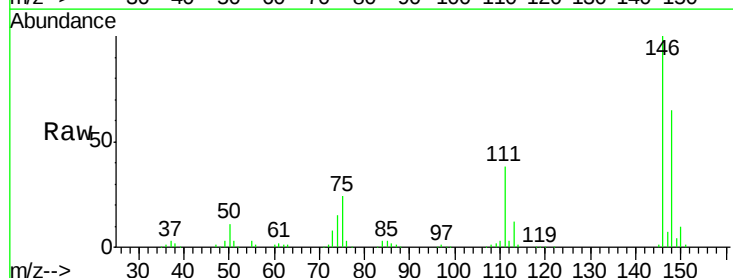
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

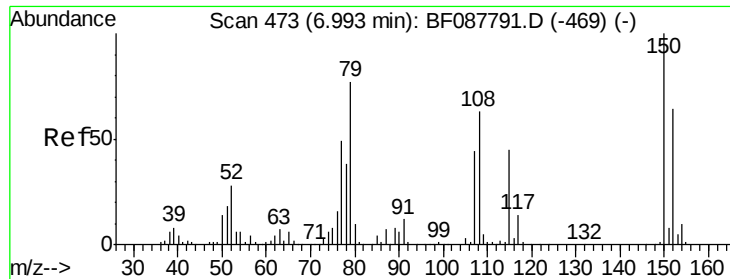
Tgt Ion:146 Resp: 313923
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.0 78.0
 111 38.2 33.8 50.8



#14
 1,2-Dichlorobenzene
 Concen: 44.67 ng
 RT: 6.71 min Scan# 448
 Delta R.T. -0.16 min
 Lab File: BF088170.D
 Acq: 19 Jun 2016 9:04

Tgt Ion:146 Resp: 313923
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.3 78.5
 111 38.2 28.7 43.1

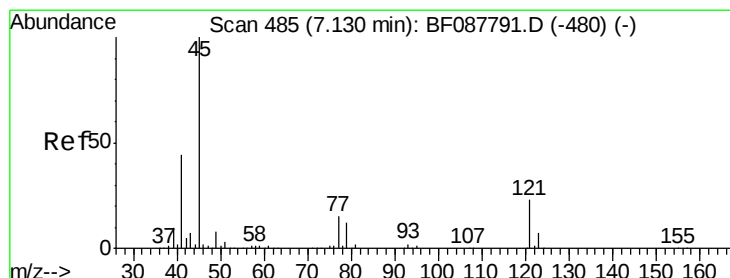
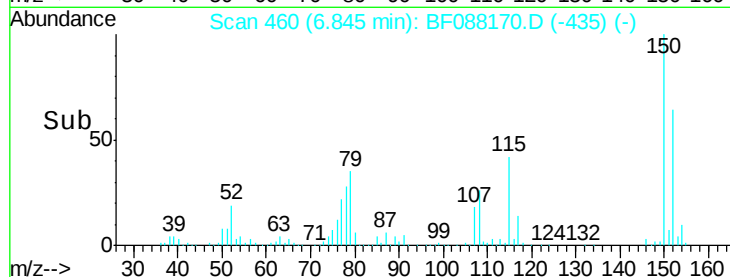
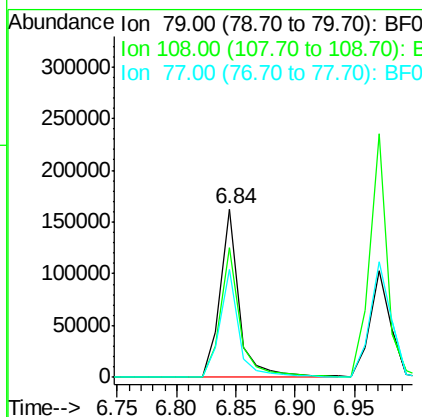
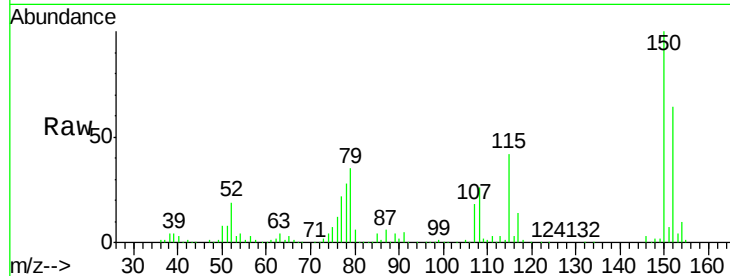




#15
Benzyl Alcohol
Concen: 31.73 ng
RT: 6.84 min Scan# 460
Delta R.T. -0.01 min
Lab File: BF088170.D
Acq: 19 Jun 2016 9:04

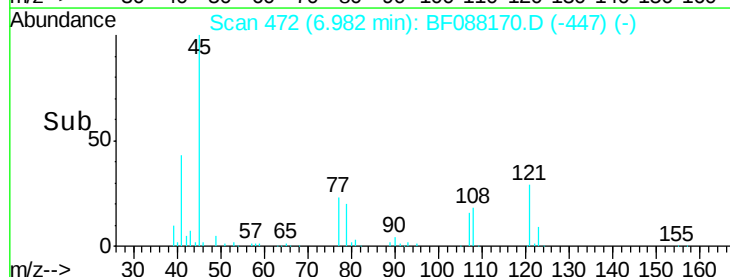
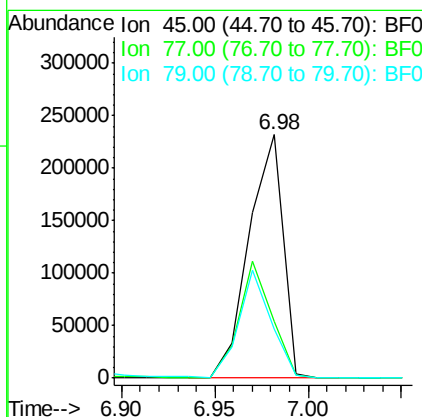
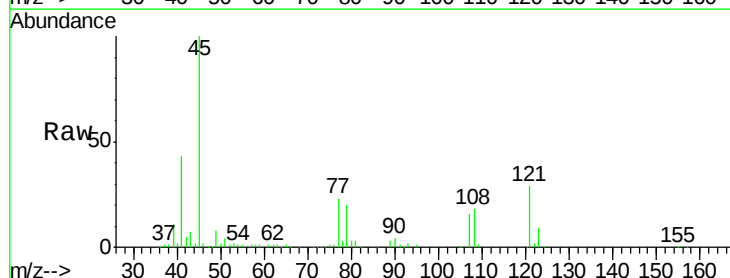
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

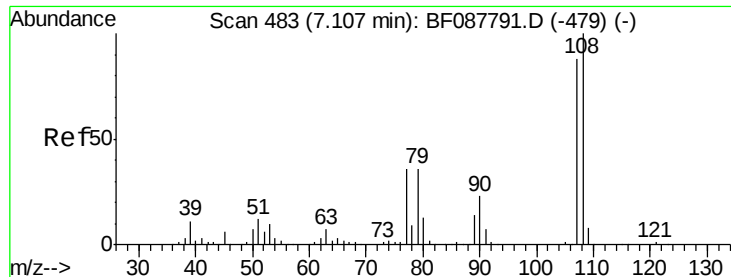
Tgt Ion: 79 Resp: 181705
Ion Ratio Lower Upper
79 100
108 76.6 65.0 97.6
77 64.0 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.74 ng
RT: 6.98 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF088170.D
Acq: 19 Jun 2016 9:04

Tgt Ion: 45 Resp: 292615
Ion Ratio Lower Upper
45 100
77 23.5 0.0 32.5
79 19.9 0.0 29.5

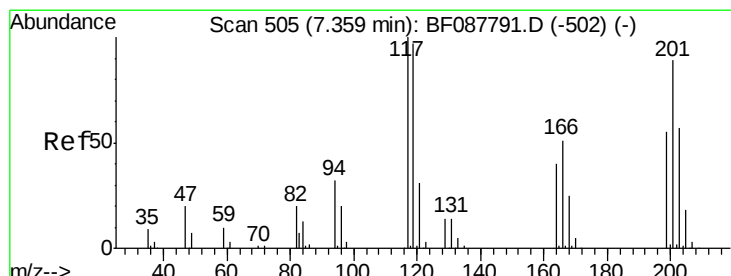
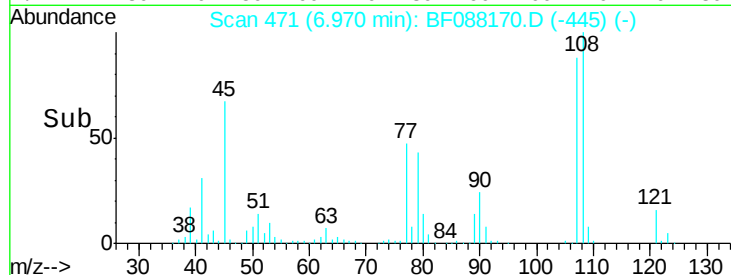
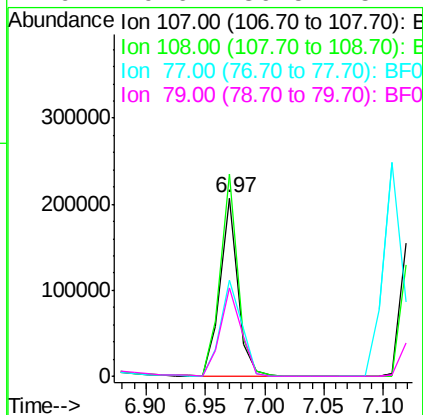
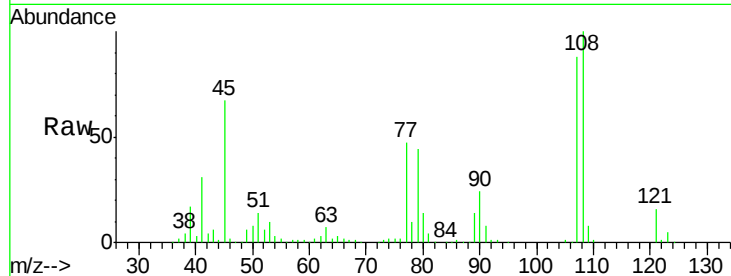




#17
2-Methylphenol
Concen: 36.85 ng
RT: 6.97 min Scan# 471
Delta R.T. -0.00 min
Lab File: BF088170.D
Acq: 19 Jun 2016 9:04

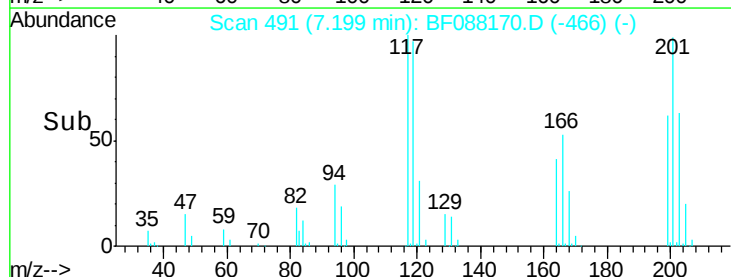
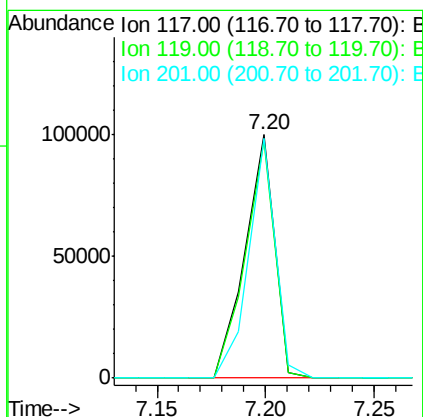
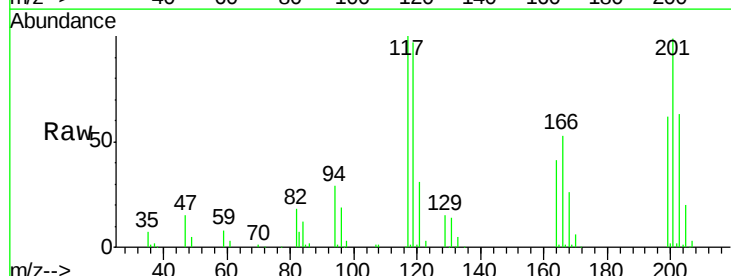
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

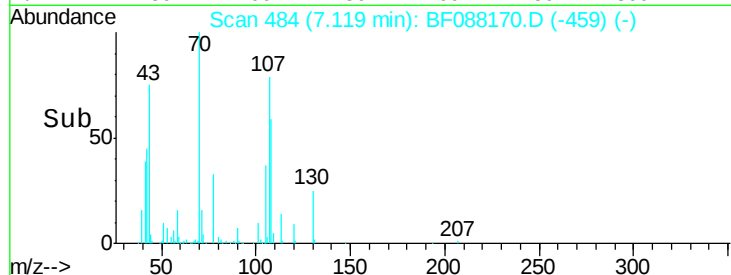
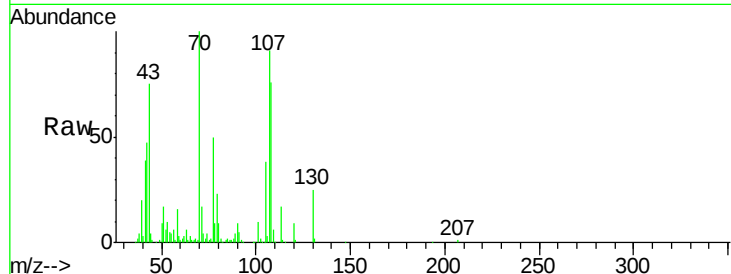
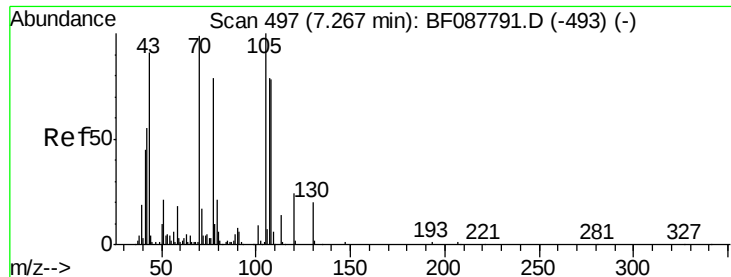
Tgt Ion:	107	Resp:	213688
Ion	Ratio	Lower	Upper
107	100		
108	113.6	90.9	136.3
77	53.7	36.6	55.0
79	49.6	36.5	54.7



#18
Hexachloroethane
Concen: 34.44 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.01 min
Lab File: BF088170.D
Acq: 19 Jun 2016 9:04

Tgt Ion:	117	Resp:	94431
Ion	Ratio	Lower	Upper
117	100		
119	97.3	77.4	116.2
201	98.5	80.4	120.6

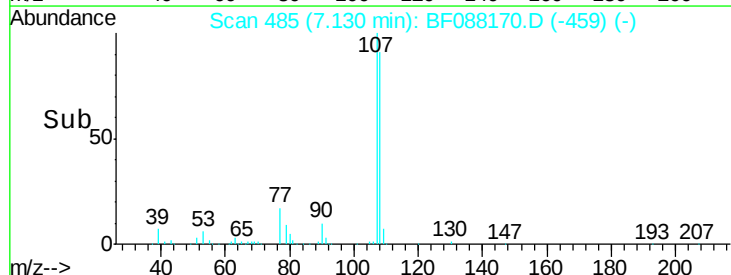
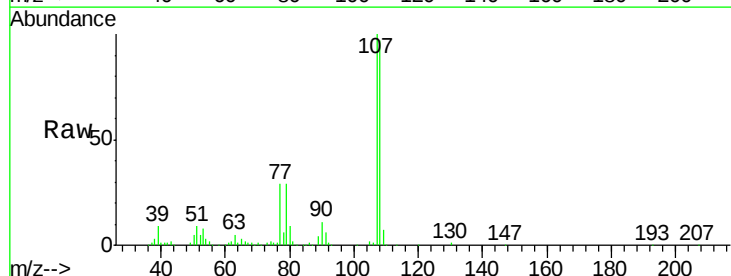
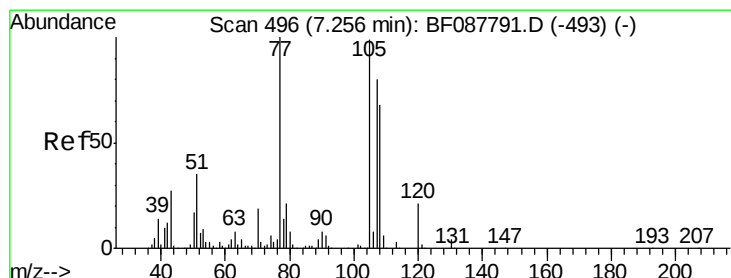
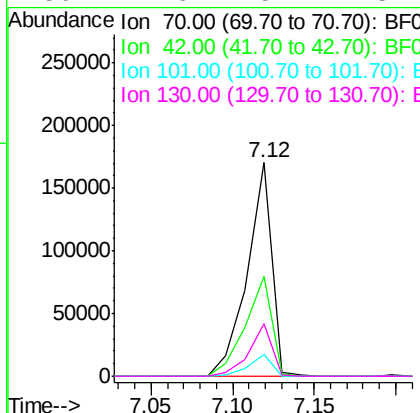




#19
n-Nitroso-di-n-propylamine
Concen: 37.89 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF088170.D
Acq: 19 Jun 2016 9:04

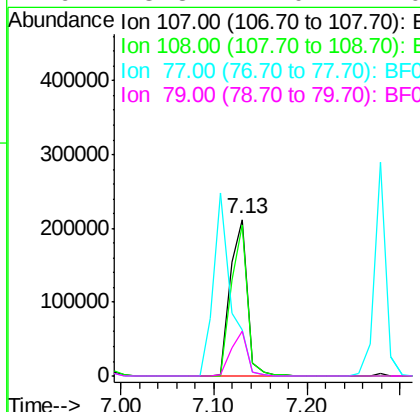
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

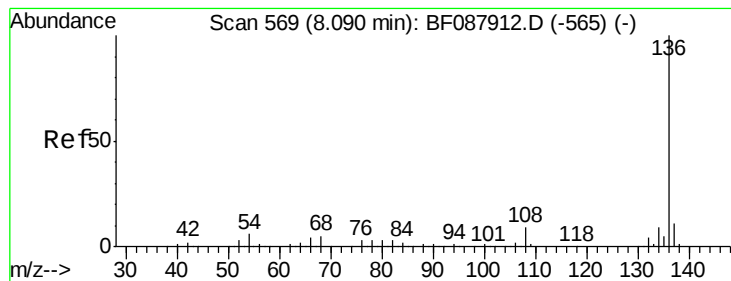
Tgt Ion: 70 Resp: 177461
Ion Ratio Lower Upper
70 100
42 46.5 49.6 74.4#
101 10.3 7.1 10.7
130 24.6 15.4 23.2#



#20
3+4-Methylphenols
Concen: 40.44 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.00 min
Lab File: BF088170.D
Acq: 19 Jun 2016 9:04

Tgt Ion: 107 Resp: 273567
Ion Ratio Lower Upper
107 100
108 96.7 67.8 107.8
77 29.3 59.3 99.3#
79 28.8 7.0 47.0

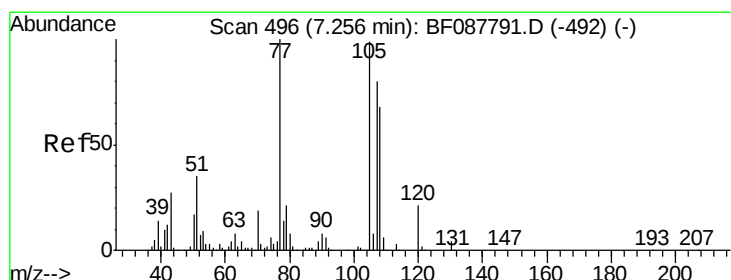
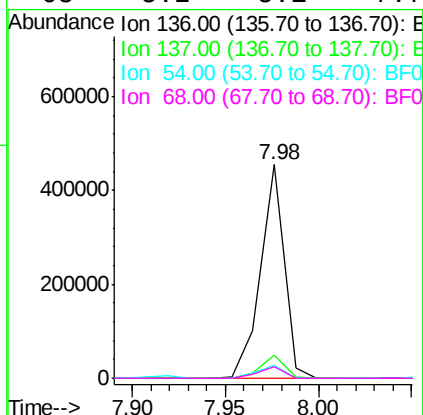
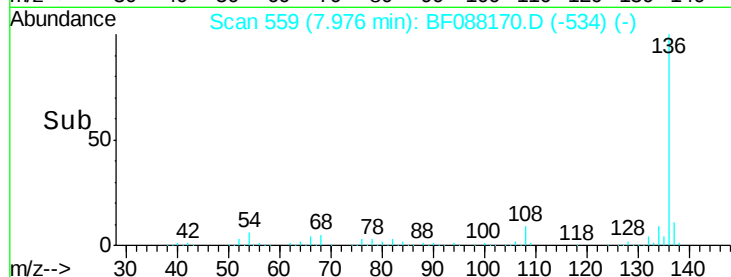
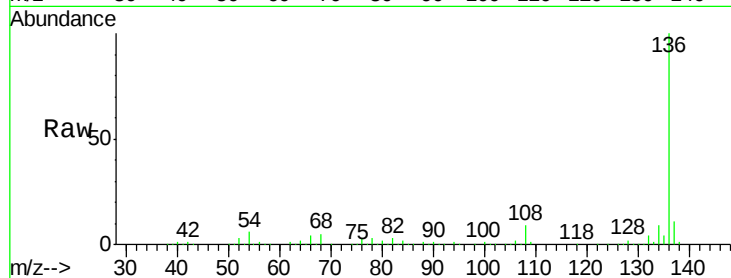




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF088170.D
Acq: 19 Jun 2016 9:04

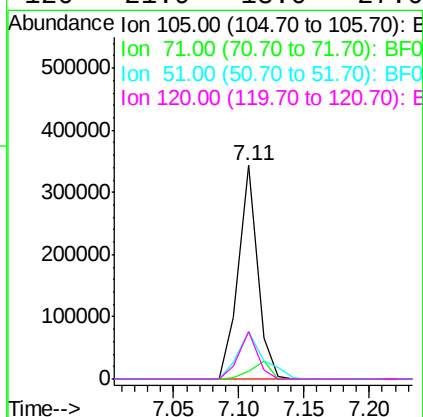
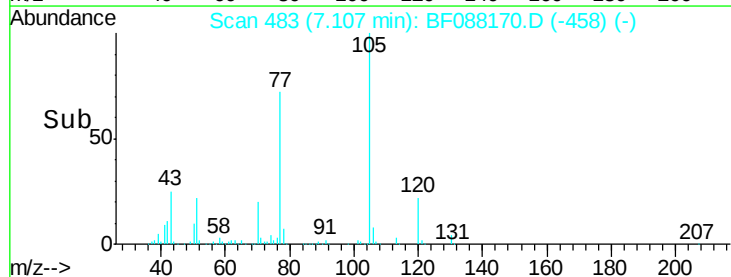
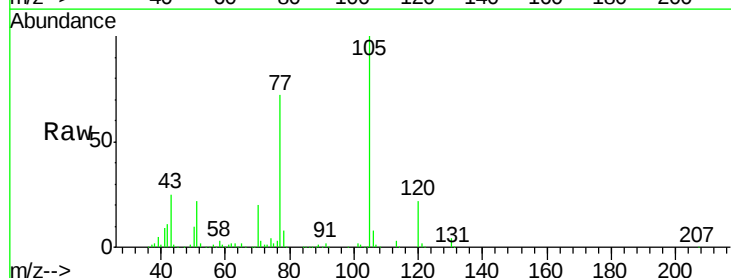
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

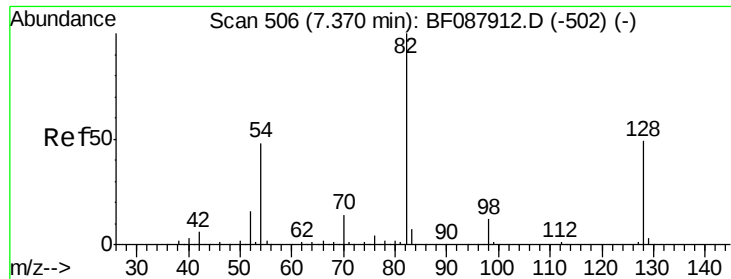
Tgt Ion:	136	Resp:	397130
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.1	13.7
54	6.0	6.6	10.0#
68	5.2	5.1	7.7



#22
Acetophenone
Concen: 39.66 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.01 min
Lab File: BF088170.D
Acq: 19 Jun 2016 9:04

Tgt Ion:	105	Resp:	351970
Ion Ratio	Lower	Upper	
105	100		
71	3.4	5.3	7.9#
51	22.5	18.2	27.4
120	21.9	18.0	27.0

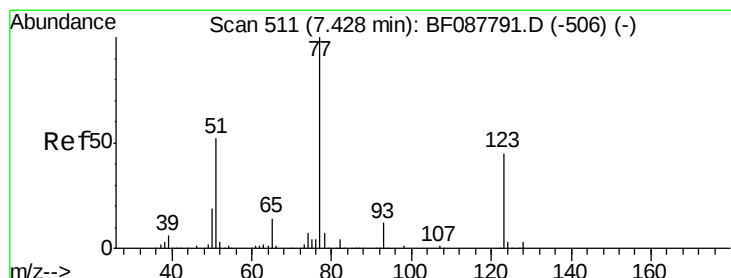
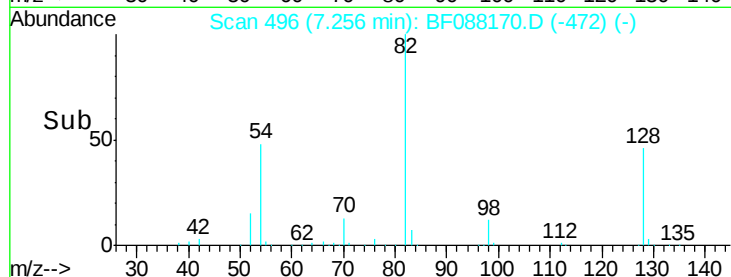
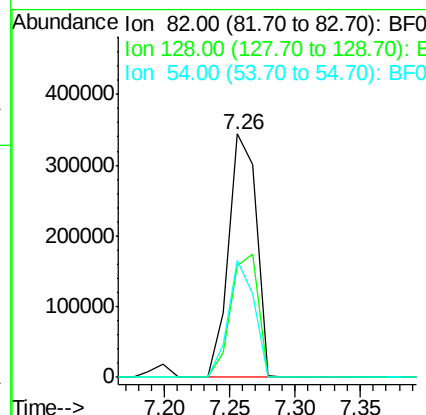
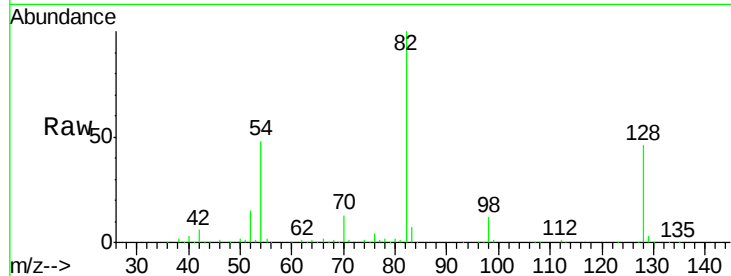




#23
 Nitrobenzene-d5
 Concen: 74.46 ng
 RT: 7.26 min Scan# 496
 Delta R.T. -0.02 min
 Lab File: BF088170.D
 Acq: 19 Jun 2016 9:04

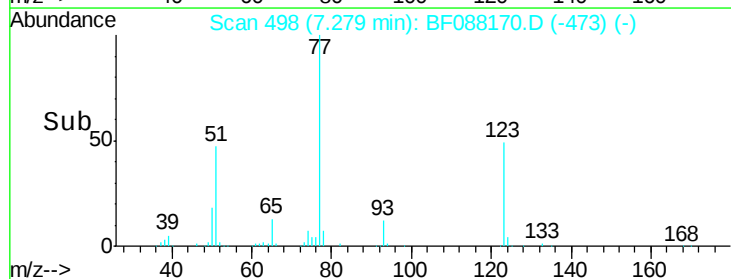
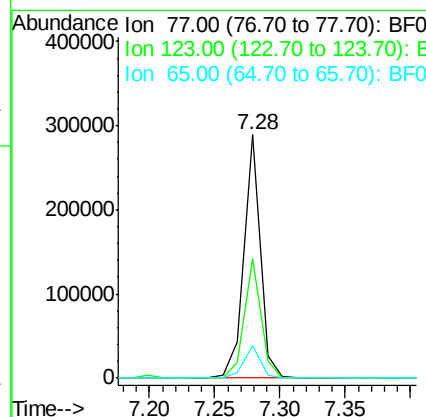
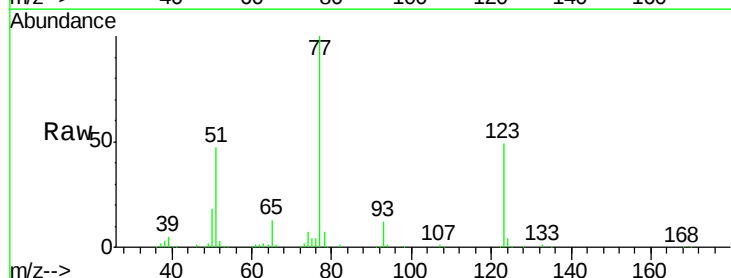
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

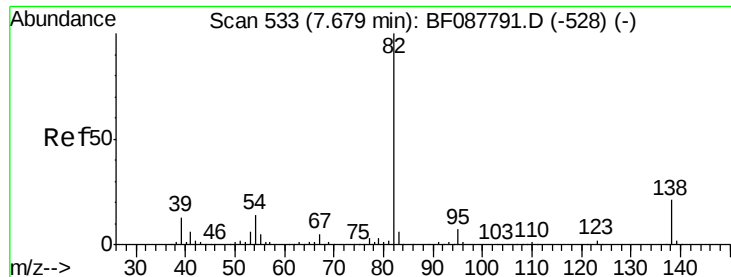
Tgt Ion: 82 Resp: 506396
 Ion Ratio Lower Upper
 82 100
 128 45.9 35.9 53.9
 54 48.1 40.9 61.3



#24
 Nitrobenzene
 Concen: 38.13 ng
 RT: 7.28 min Scan# 498
 Delta R.T. -0.01 min
 Lab File: BF088170.D
 Acq: 19 Jun 2016 9:04

Tgt Ion: 77 Resp: 251173
 Ion Ratio Lower Upper
 77 100
 123 48.9 45.0 67.4
 65 13.1 10.2 15.2





#25

Isophorone

Concen: 35.98 ng

RT: 7.52 min Scan# 519

Delta R.T. -0.02 min

Lab File: BF088170.D

Acq: 19 Jun 2016 9:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

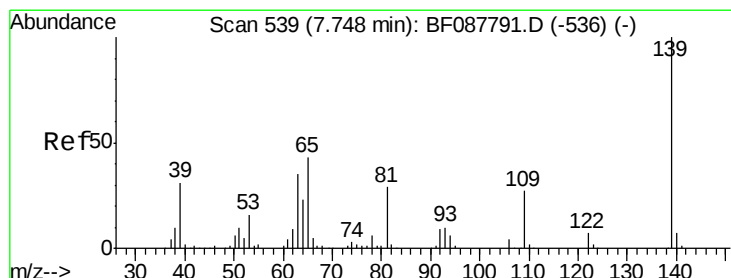
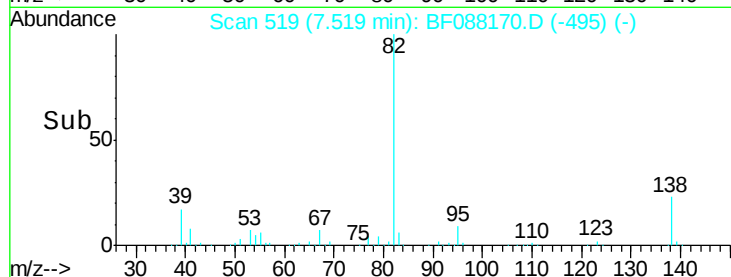
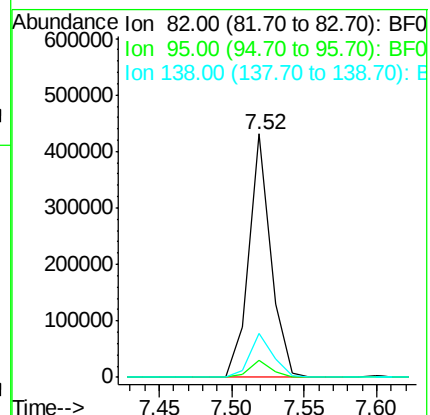
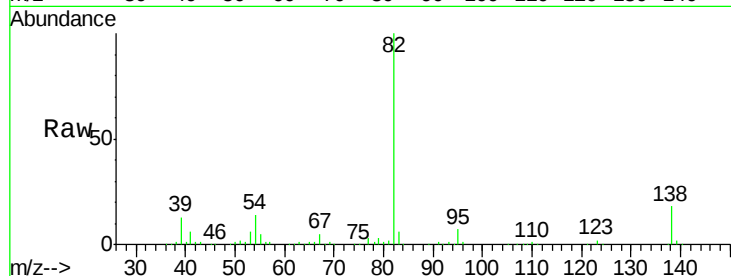
Tgt Ion: 82 Resp: 453221

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.2

138 18.1 14.6 21.8



#26

2-Nitrophenol

Concen: 34.27 ng

RT: 7.60 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF088170.D

Acq: 19 Jun 2016 9:04

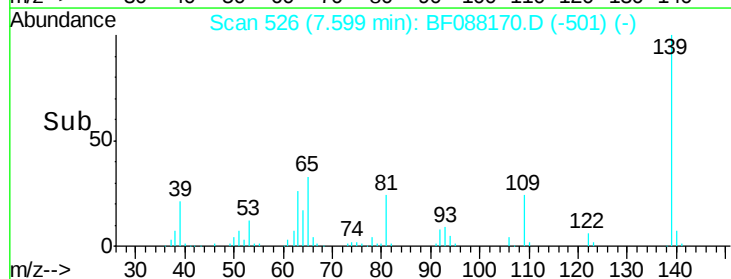
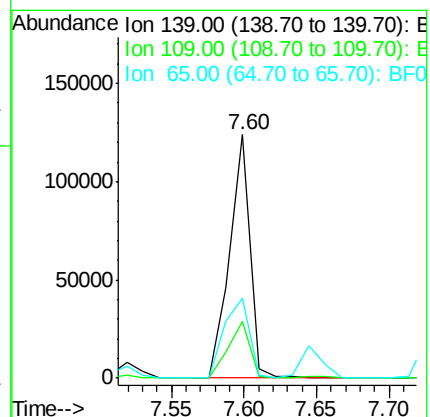
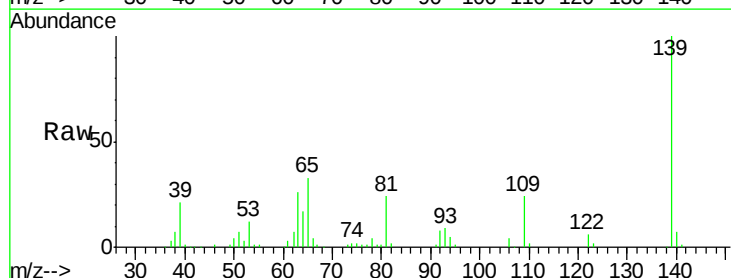
Tgt Ion: 139 Resp: 120940

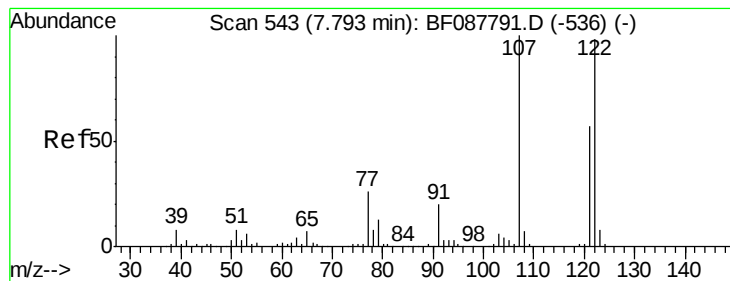
Ion Ratio Lower Upper

139 100

109 23.5 23.0 34.4

65 32.6 45.8 68.8#





#27

2,4-Dimethylphenol

Concen: 31.90 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF088170.D

Acq: 19 Jun 2016 9:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

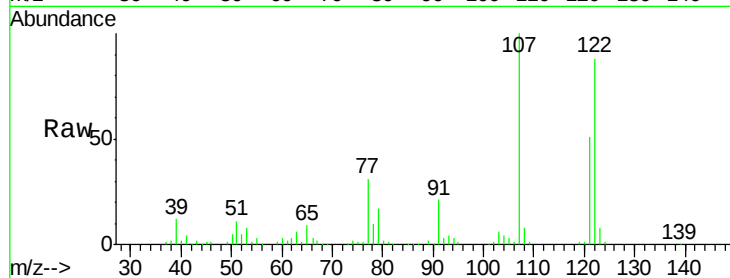
Tgt Ion:122 Resp: 207299

Ion Ratio Lower Upper

122 100

107 113.3 82.4 123.6

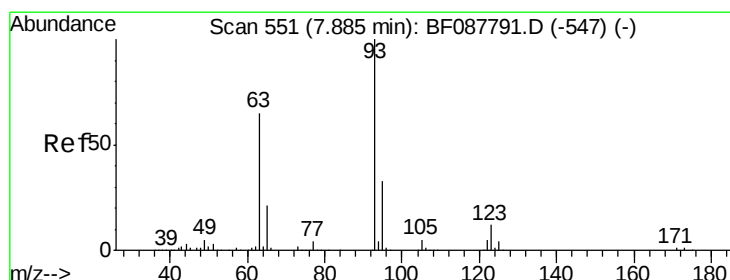
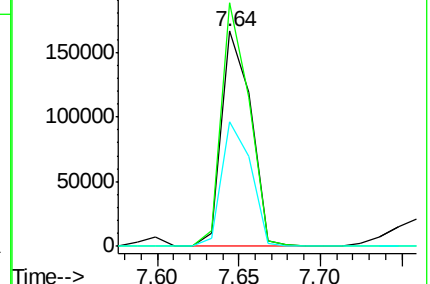
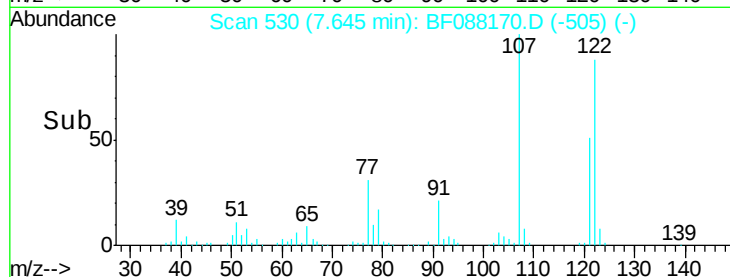
121 57.9 46.3 69.5



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: 40.73 ng

RT: 7.74 min Scan# 538

Delta R.T. -0.01 min

Lab File: BF088170.D

Acq: 19 Jun 2016 9:04

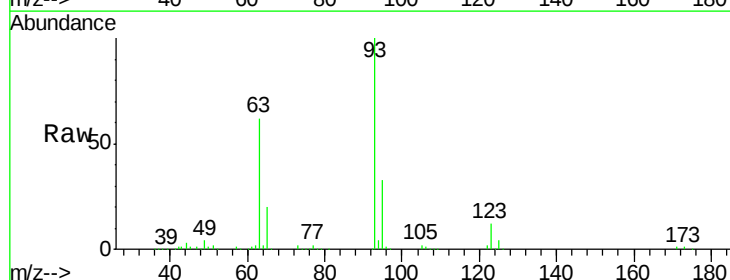
Tgt Ion: 93 Resp: 318211

Ion Ratio Lower Upper

93 100

95 32.7 26.5 39.7

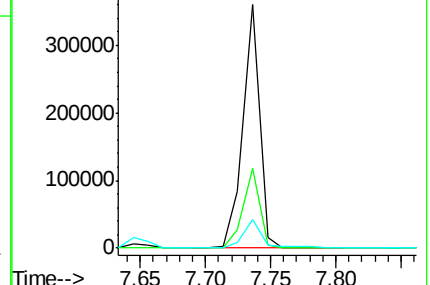
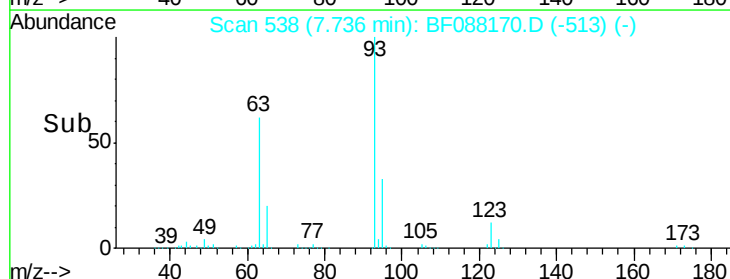
123 11.5 11.6 17.4#

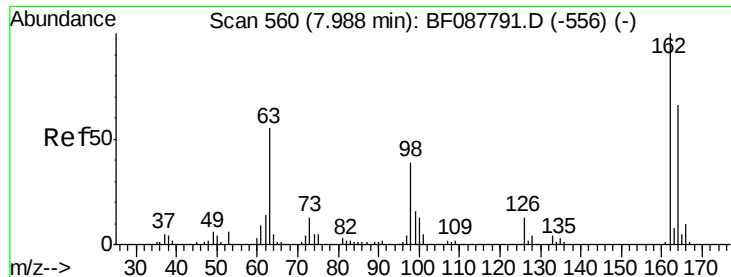


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

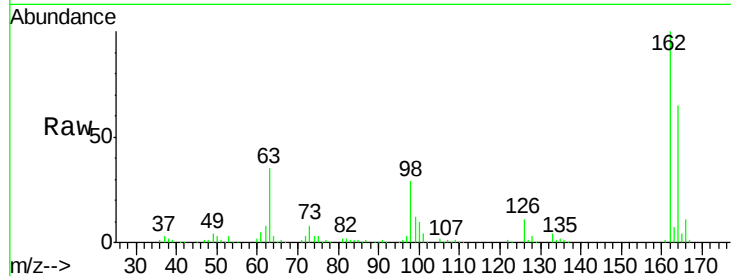




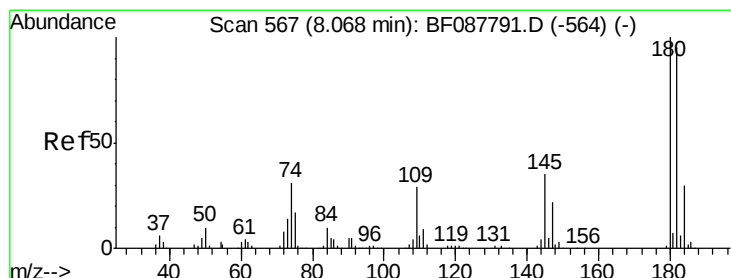
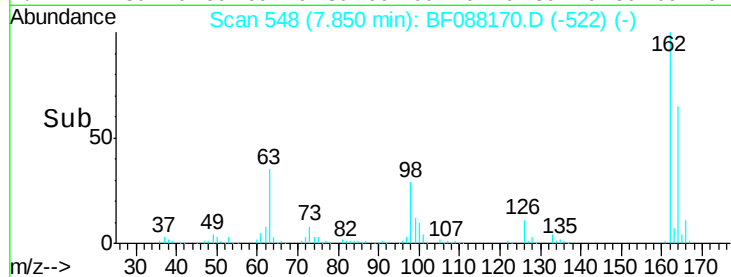
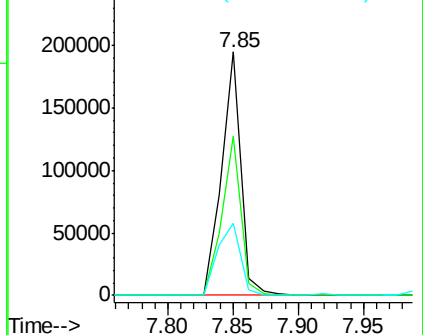
#29
 2,4-Dichlorophenol
 Concen: 37.21 ng
 RT: 7.85 min Scan# 548
 Delta R.T. -0.00 min
 Lab File: BF088170.D
 Acq: 19 Jun 2016 9:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.5	43.8	83.8
98	29.4	21.3	61.3

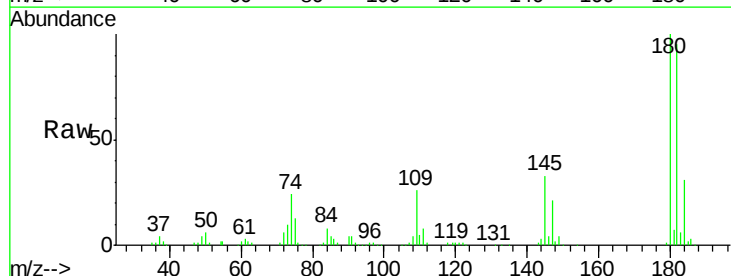


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

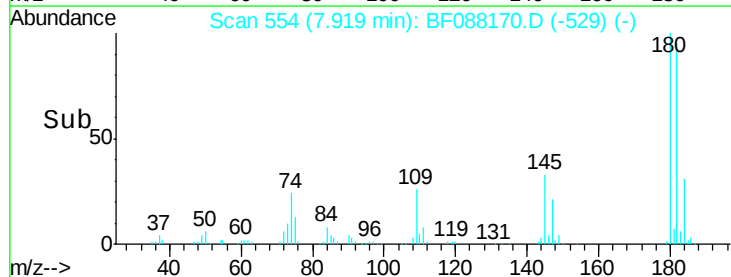
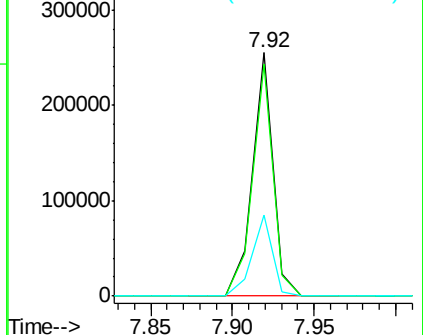


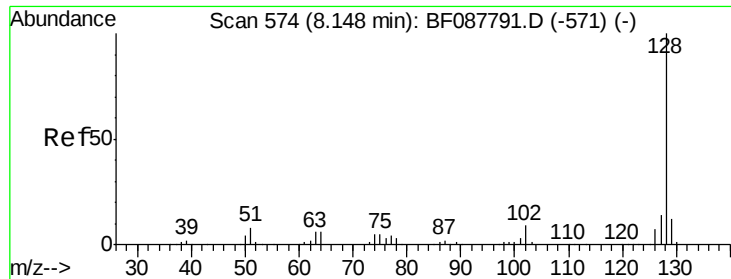
#30
 1,2,4-Trichlorobenzene
 Concen: 37.91 ng
 RT: 7.92 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: BF088170.D
 Acq: 19 Jun 2016 9:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.0	114.0
145	33.2	26.5	39.7



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

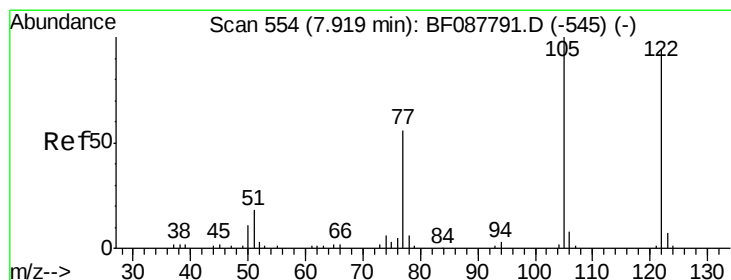
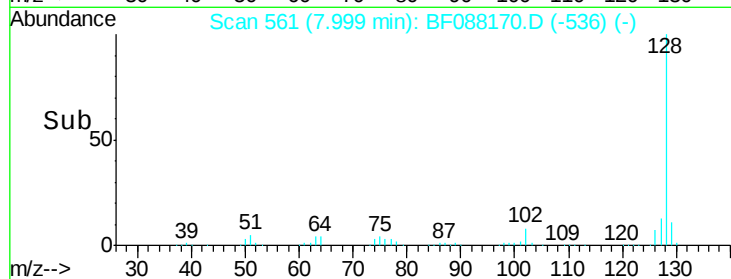
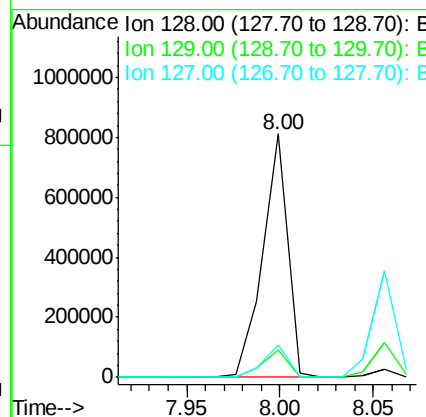
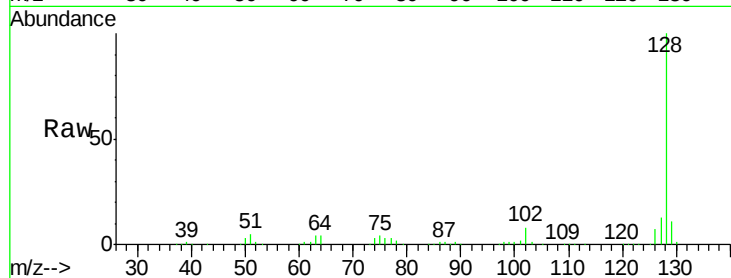




#31
Naphthalene
Concen: 38.08 ng
RT: 8.00 min Scan# 561
Delta R.T. -0.01 min
Lab File: BF088170.D
Acq: 19 Jun 2016 9:04

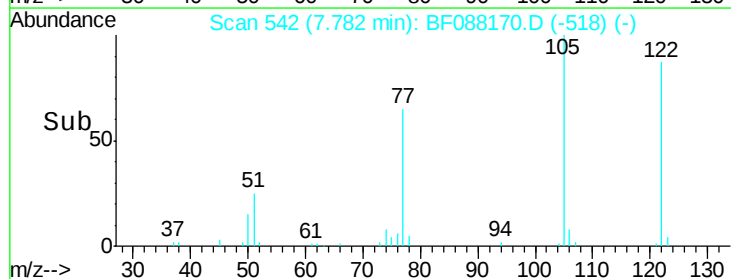
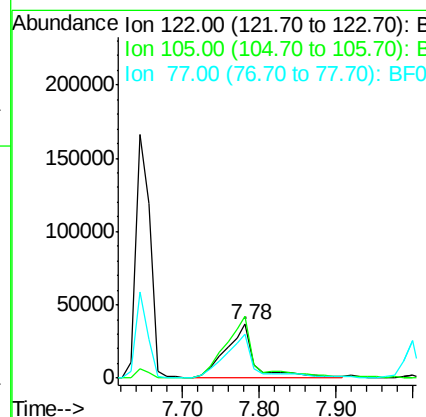
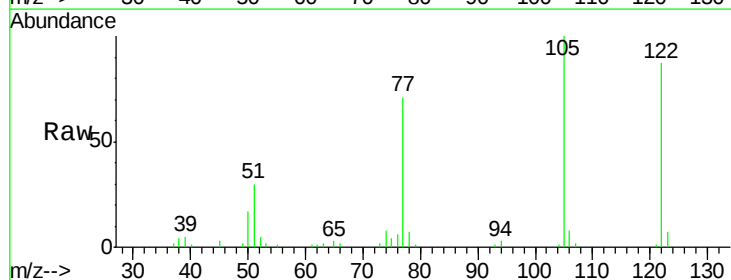
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

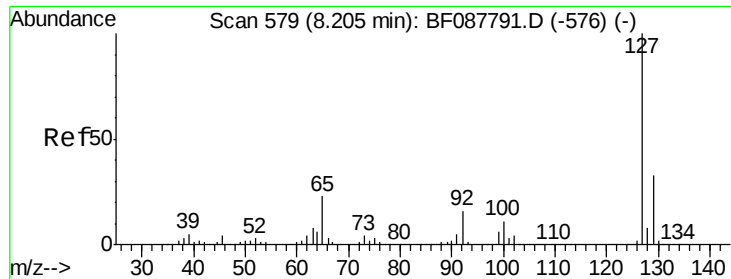
Tgt Ion:128 Resp: 748350
Ion Ratio Lower Upper
128 100
129 11.2 9.4 14.2
127 13.4 10.9 16.3



#32
Benzoic acid
Concen: 26.22 ng
RT: 7.78 min Scan# 542
Delta R.T. -0.02 min
Lab File: BF088170.D
Acq: 19 Jun 2016 9:04

Tgt Ion:122 Resp: 93797
Ion Ratio Lower Upper
122 100
105 115.1 101.6 141.6
77 82.3 70.6 110.6

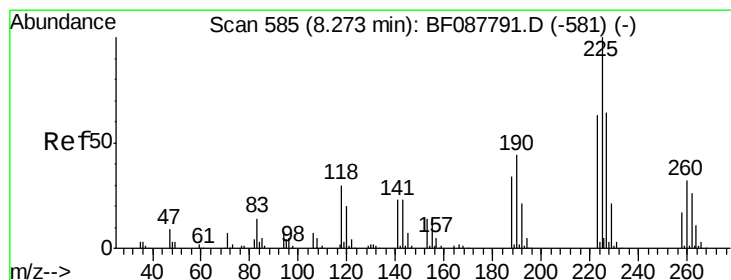
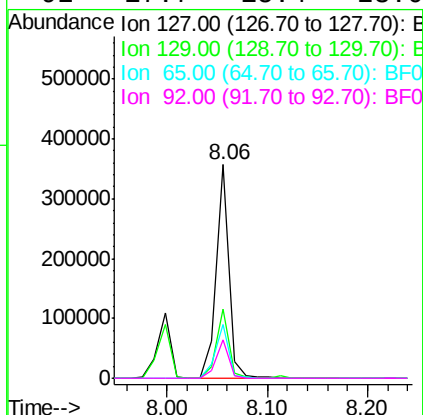
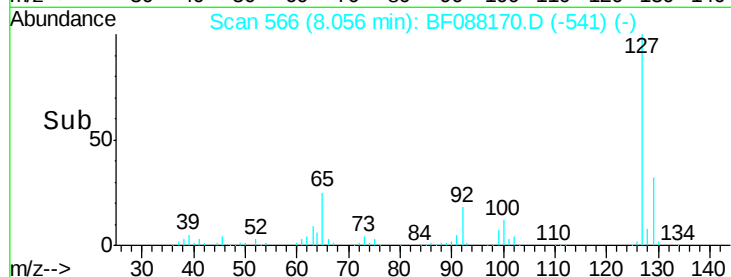
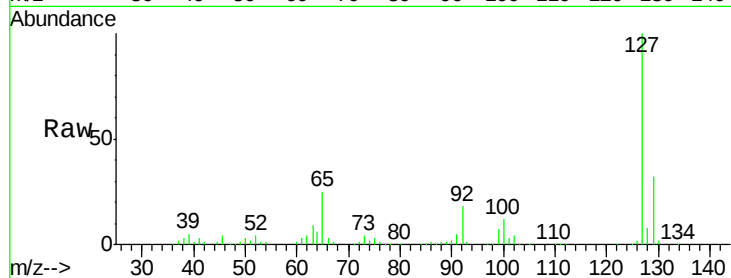




#33
4-Chloroaniline
Concen: 35.75 ng
RT: 8.06 min Scan# 566
Delta R.T. -0.01 min
Lab File: BF088170.D
Acq: 19 Jun 2016 9:04

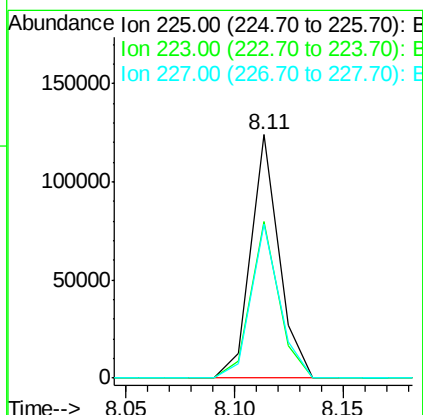
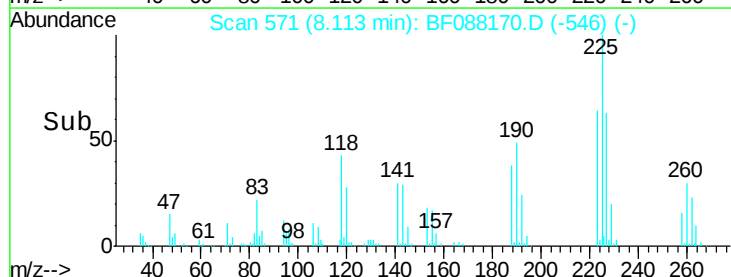
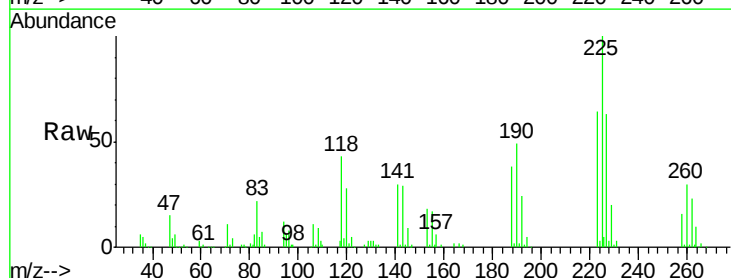
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

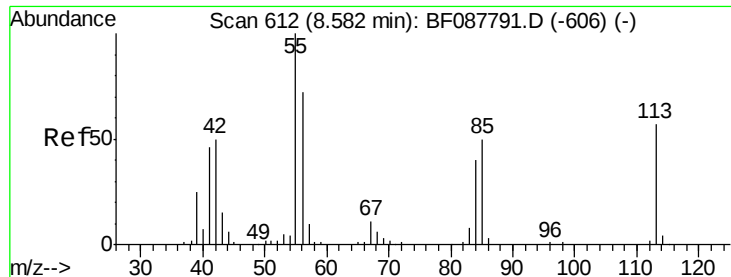
Tgt Ion:	127	Resp:	313770
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.3	39.5
65	25.2	24.7	37.1
92	17.7	15.4	23.0



#34
Hexachlorobutadiene
Concen: 36.04 ng
RT: 8.11 min Scan# 571
Delta R.T. -0.01 min
Lab File: BF088170.D
Acq: 19 Jun 2016 9:04

Tgt Ion:	225	Resp:	112261
Ion	Ratio	Lower	Upper
225	100		
223	64.2	50.9	76.3
227	63.4	51.9	77.9

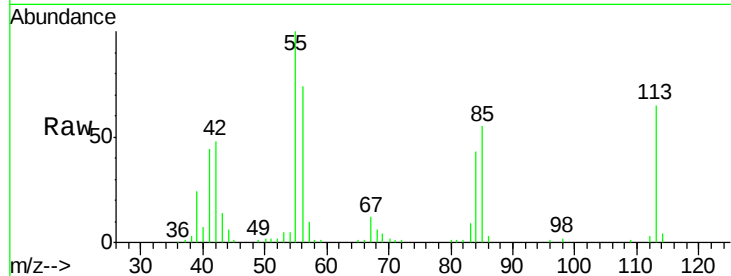




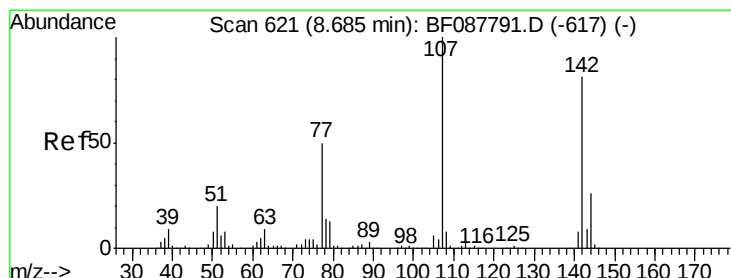
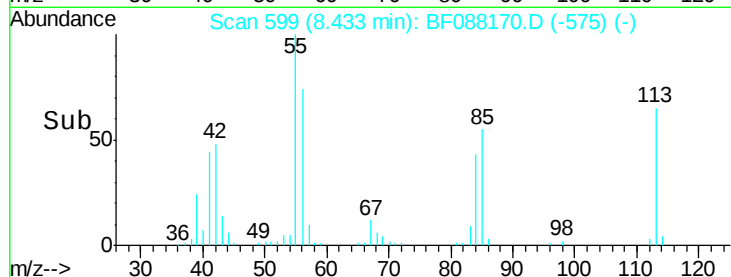
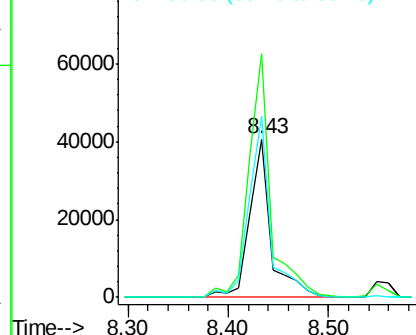
#35
 Caprolactam
 Concen: 32.99 ng
 RT: 8.43 min Scan# 599
 Delta R.T. -0.02 min
 Lab File: BF088170.D
 Acq: 19 Jun 2016 9:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:113 Resp: 59272
 Ion Ratio Lower Upper
 113 100
 55 154.1 158.6 198.6#
 56 114.7 110.6 150.6

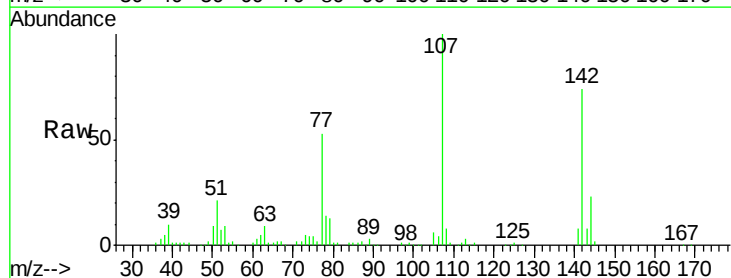


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

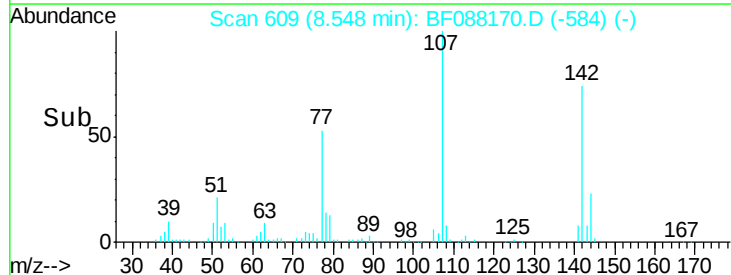
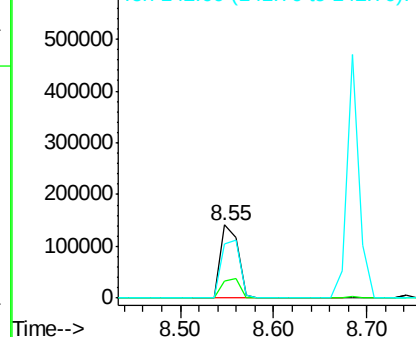


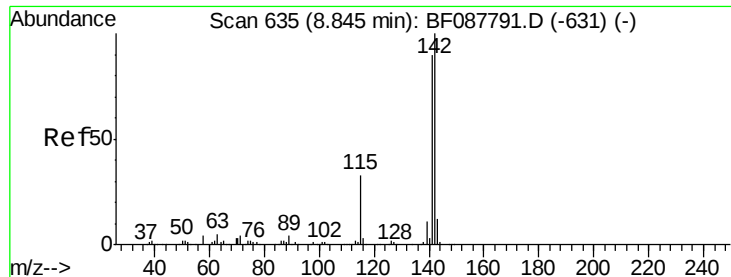
#36
 4-Chloro-3-methylphenol
 Concen: 31.91 ng
 RT: 8.55 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF088170.D
 Acq: 19 Jun 2016 9:04

Tgt Ion:107 Resp: 185150
 Ion Ratio Lower Upper
 107 100
 144 23.5 20.8 31.2
 142 74.0 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

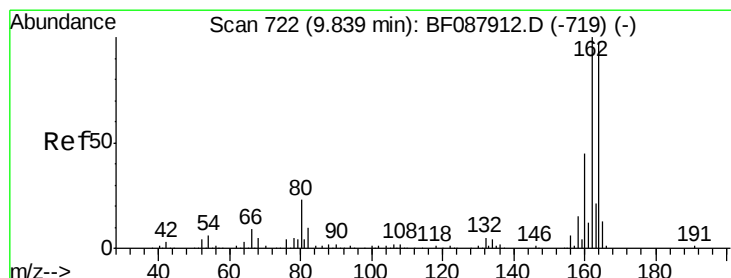
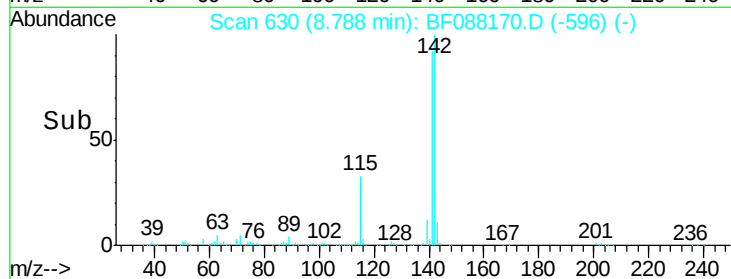
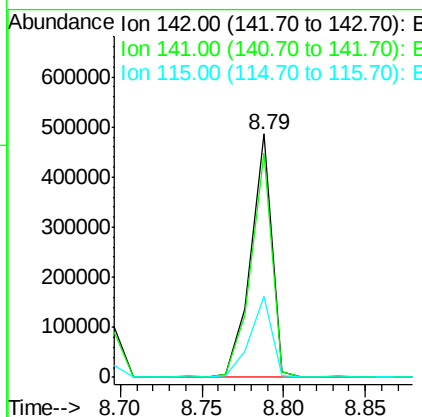
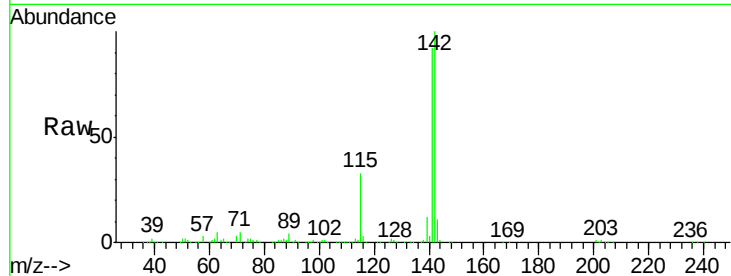




#37
2-Methylnaphthalene
Concen: 33.78 ng
RT: 8.79 min Scan# 630
Delta R.T. 0.09 min
Lab File: BF088170.D
Acq: 19 Jun 2016 9:04

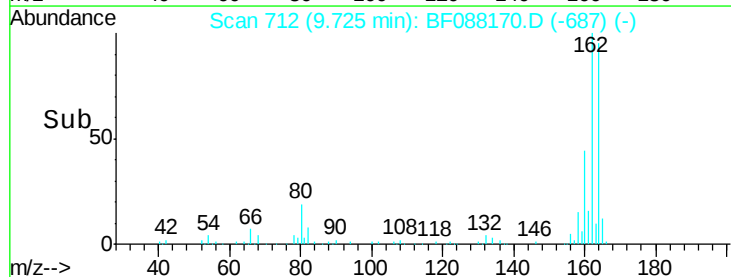
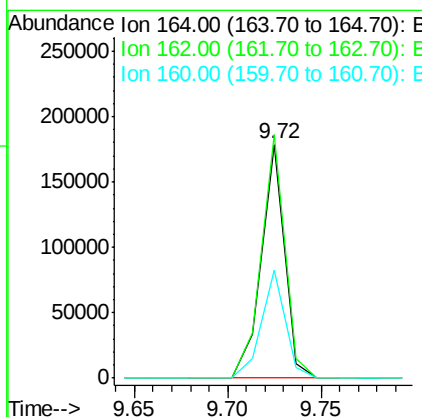
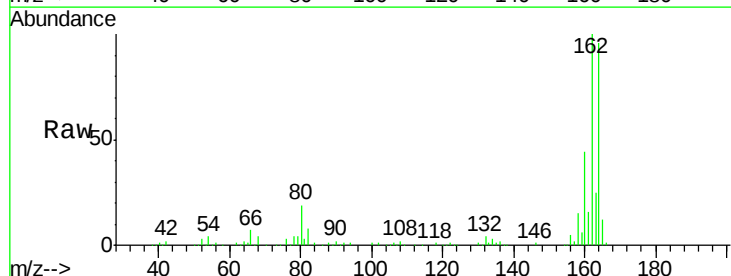
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

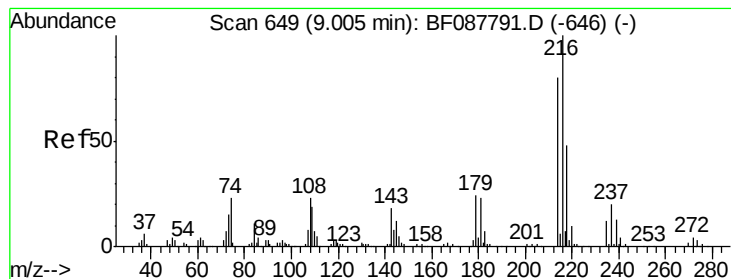
Tgt Ion:142 Resp: 437536
Ion Ratio Lower Upper
142 100
141 92.2 71.0 106.6
115 33.4 22.6 33.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF088170.D
Acq: 19 Jun 2016 9:04

Tgt Ion:164 Resp: 153776
Ion Ratio Lower Upper
164 100
162 104.1 85.4 128.2
160 46.1 39.5 59.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 52.10 ng

RT: 8.86 min Scan# 636

Delta R.T. -0.01 min

Lab File: BF088170.D

Acq: 19 Jun 2016 9:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:216 Resp: 197418

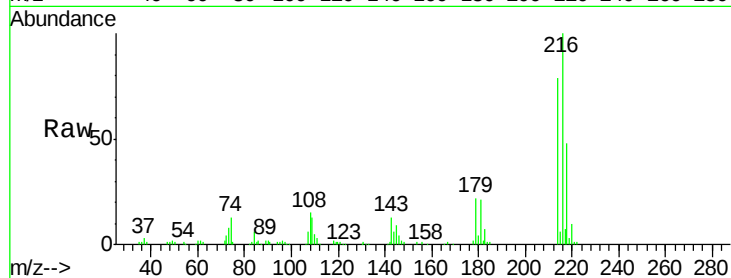
Ion Ratio Lower Upper

216 100

214 79.7 2.9 4.3#

179 22.4 0.0 0.0#

108 18.3 0.5 0.7#

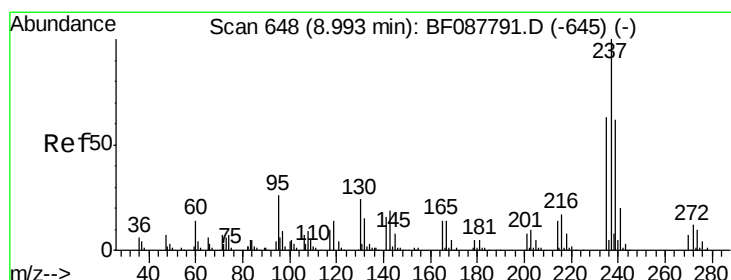
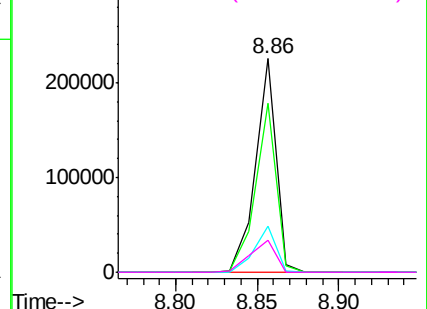
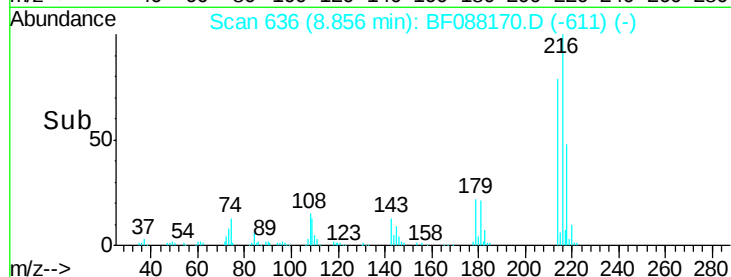


Abundance Ion 216.00 (215.70 to 216.70): E

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: 5.06 ng

RT: 8.84 min Scan# 635

Delta R.T. -0.01 min

Lab File: BF088170.D

Acq: 19 Jun 2016 9:04

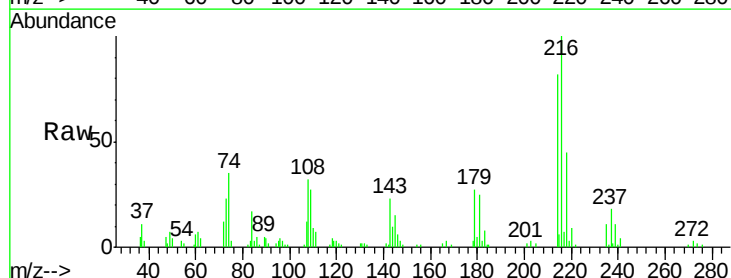
Tgt Ion:237 Resp: 12549

Ion Ratio Lower Upper

237 100

235 59.0 43.4 83.4

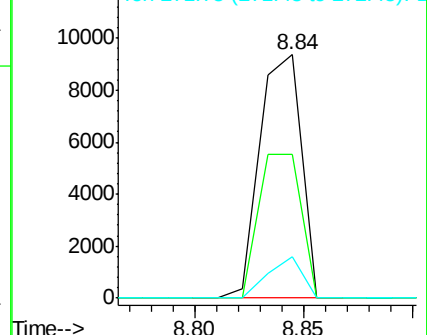
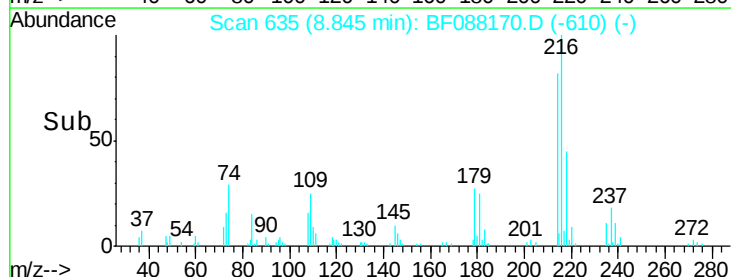
272 17.1 0.0 32.3

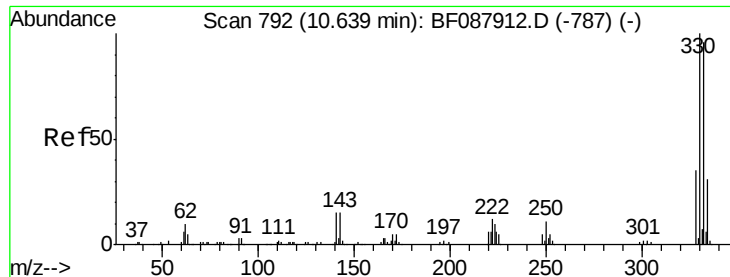


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

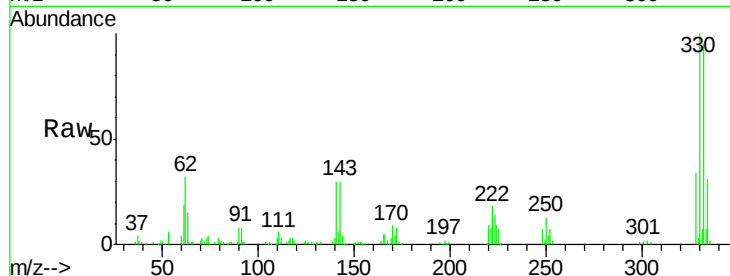




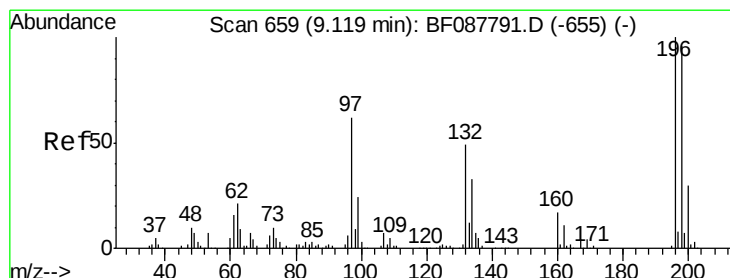
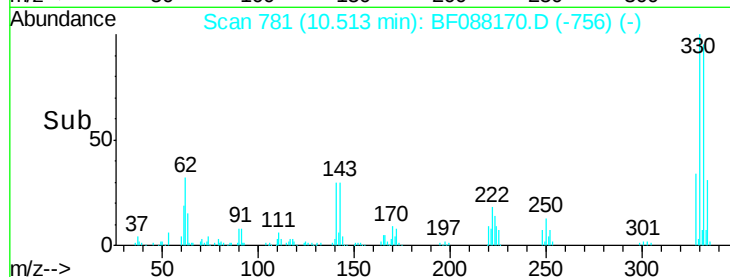
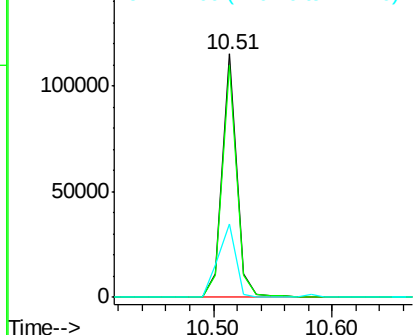
#41
 2,4,6-Tribromophenol
 Concen: 59.71 ng
 RT: 10.51 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF088170.D
 Acq: 19 Jun 2016 9:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:330 Resp: 96952
 Ion Ratio Lower Upper
 330 100
 332 95.0 0.0 0.0#
 141 36.5 0.0 0.0#

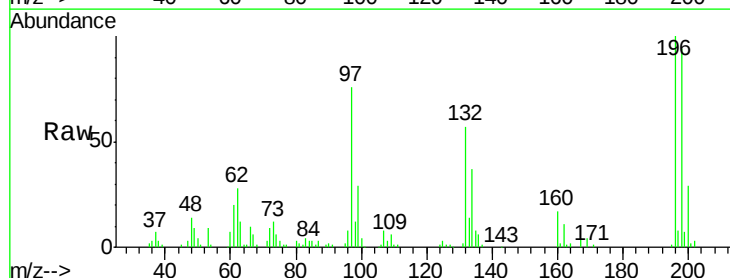


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

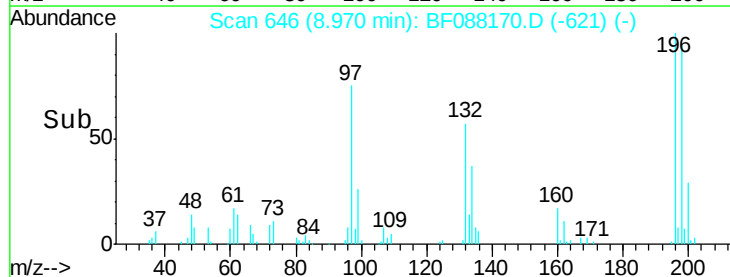
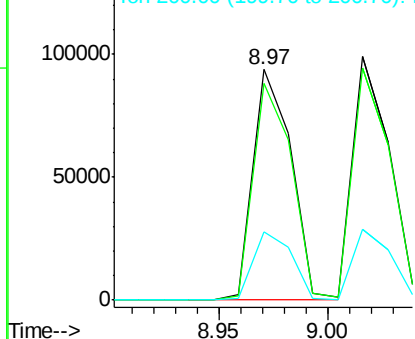


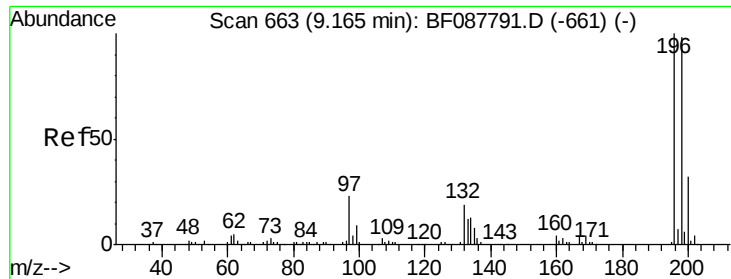
#42
 2,4,6-Trichlorophenol
 Concen: 37.45 ng
 RT: 8.97 min Scan# 646
 Delta R.T. -0.01 min
 Lab File: BF088170.D
 Acq: 19 Jun 2016 9:04

Tgt Ion:196 Resp: 115167
 Ion Ratio Lower Upper
 196 100
 198 93.7 78.0 117.0
 200 29.4 25.4 38.2



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

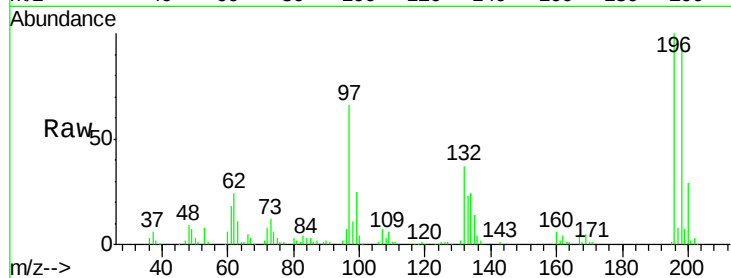




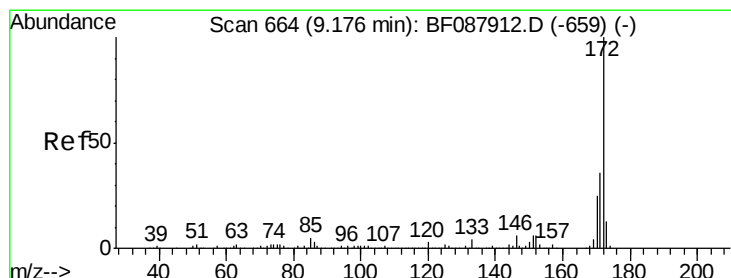
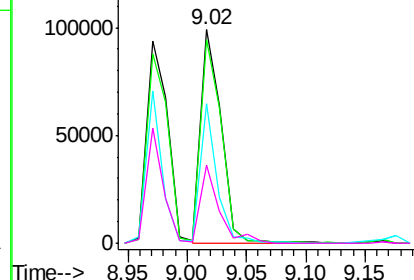
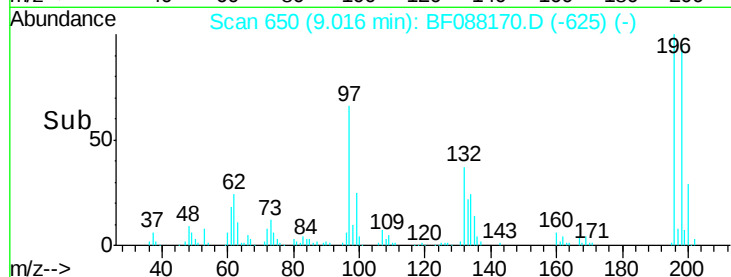
#43
 2,4,5-Trichlorophenol
 Concen: 37.29 ng
 RT: 9.02 min Scan# 650
 Delta R.T. -0.01 min
 Lab File: BF088170.D
 Acq: 19 Jun 2016 9:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:196 Resp: 119301
 Ion Ratio Lower Upper
 196 100
 198 95.4 77.5 116.3
 97 65.6 32.0 48.0#
 132 36.6 20.9 31.3#

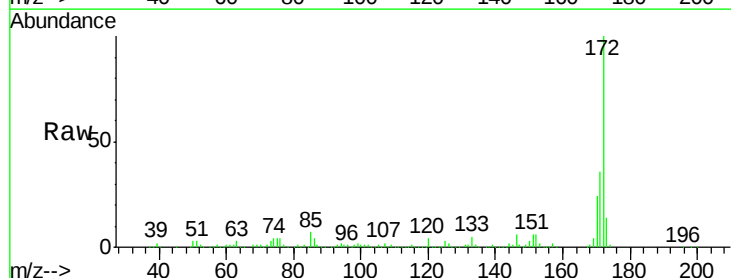


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

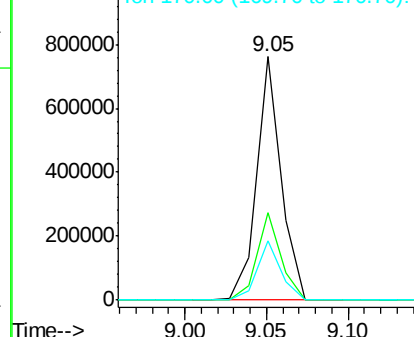
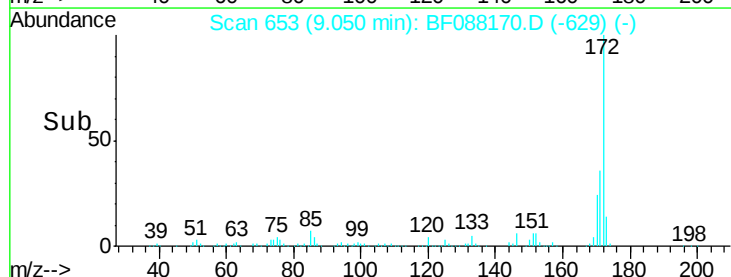


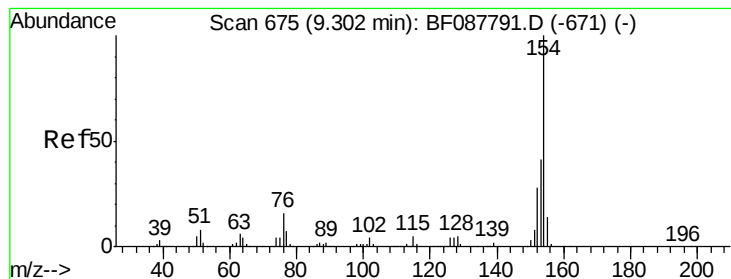
#44
 2-Fluorobiphenyl
 Concen: 80.40 ng
 RT: 9.05 min Scan# 653
 Delta R.T. -0.02 min
 Lab File: BF088170.D
 Acq: 19 Jun 2016 9:04

Tgt Ion:172 Resp: 789994
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.6 43.0
 170 24.2 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: 48.37 ng

RT: 9.15 min Scan# 662

Delta R.T. -0.01 min

Lab File: BF088170.D

Acq: 19 Jun 2016 9:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

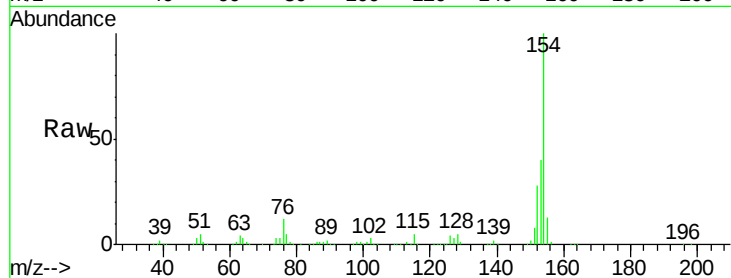
Tgt Ion:154 Resp: 552915

Ion Ratio Lower Upper

154 100

153 40.3 20.6 60.6

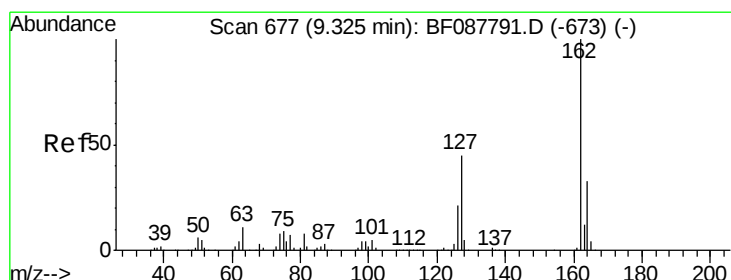
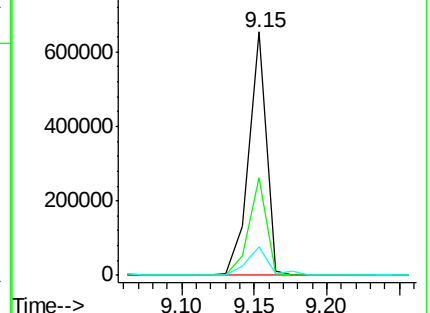
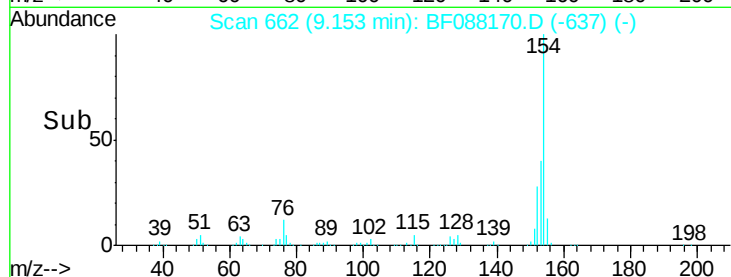
76 11.5 0.0 35.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 41.53 ng

RT: 9.18 min Scan# 664

Delta R.T. -0.01 min

Lab File: BF088170.D

Acq: 19 Jun 2016 9:04

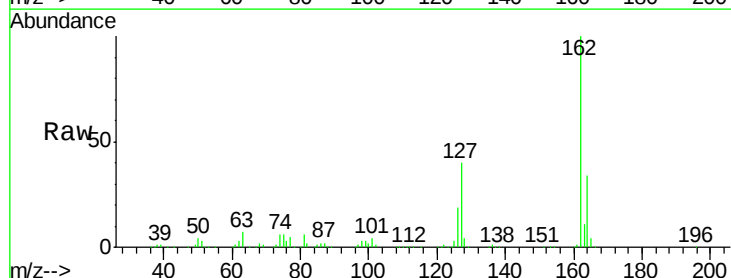
Tgt Ion:162 Resp: 413245

Ion Ratio Lower Upper

162 100

127 40.4 35.2 52.8

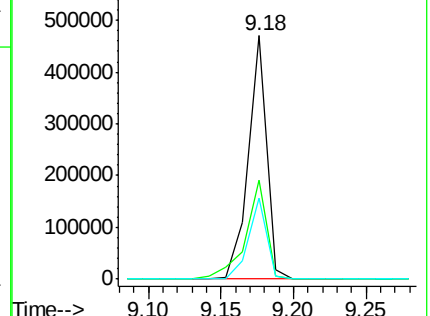
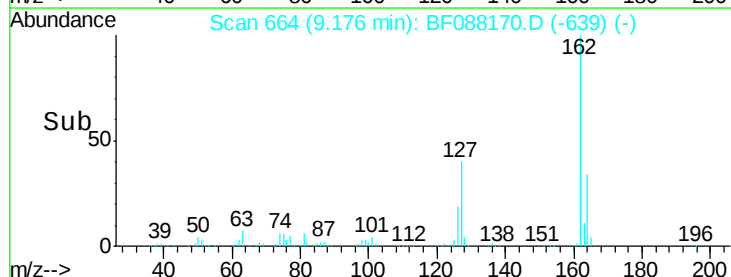
164 33.5 26.6 39.8

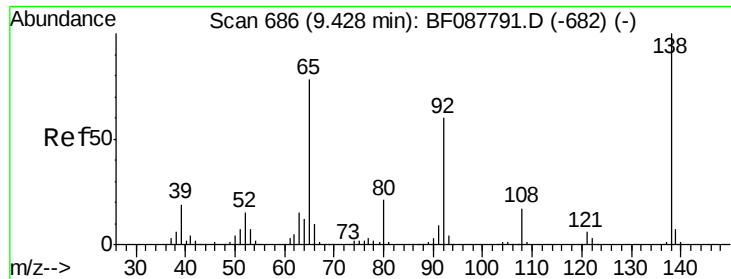


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

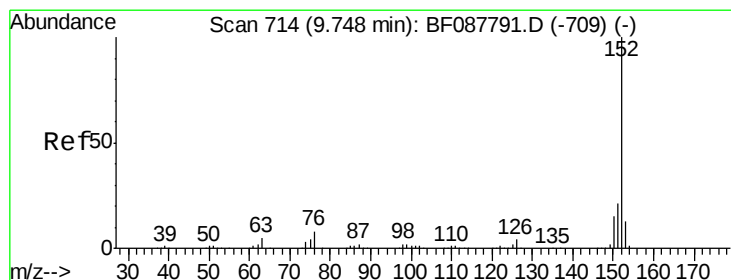
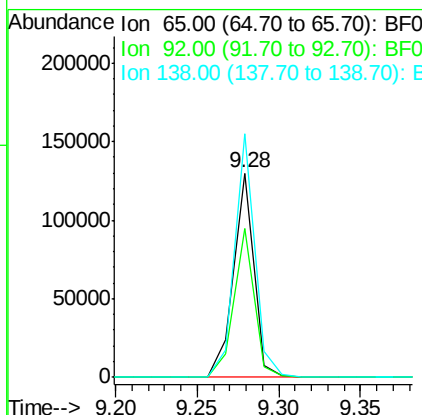
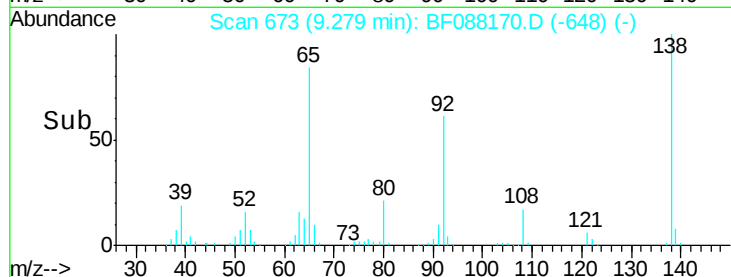
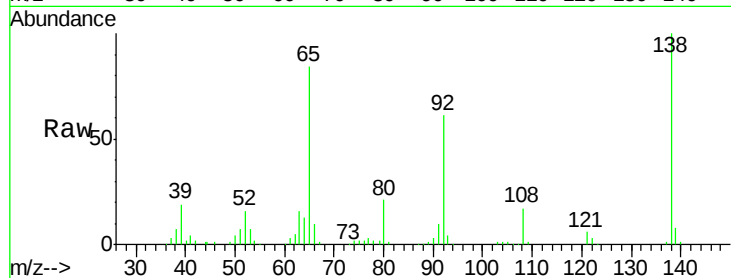




#47
 2-Nitroaniline
 Concen: 38.04 ng
 RT: 9.28 min Scan# 673
 Delta R.T. -0.01 min
 Lab File: BF088170.D
 Acq: 19 Jun 2016 9:04

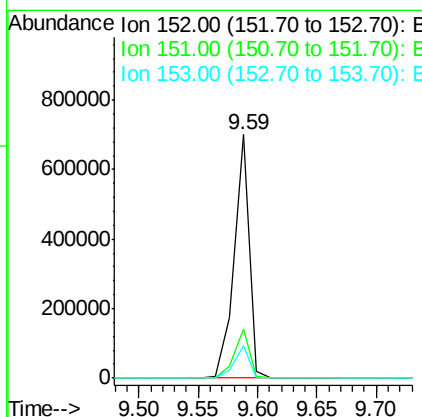
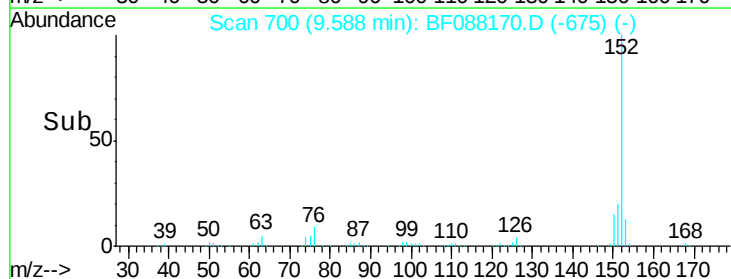
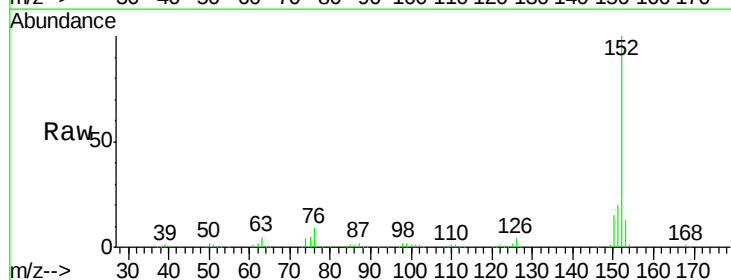
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040EC

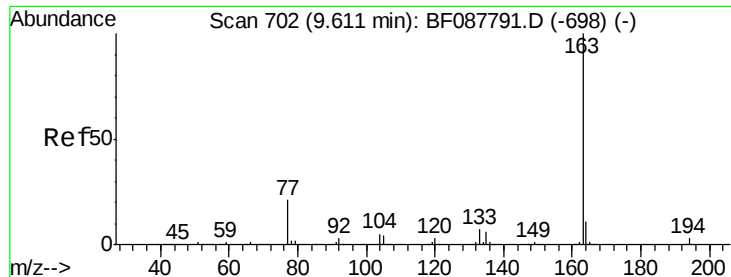
Tgt Ion: 65 Resp: 111656
 Ion Ratio Lower Upper
 65 100
 92 72.9 54.6 82.0
 138 119.2 77.0 115.4#



#48
 Acenaphthylene
 Concen: 39.15 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.01 min
 Lab File: BF088170.D
 Acq: 19 Jun 2016 9:04

Tgt Ion: 152 Resp: 619662
 Ion Ratio Lower Upper
 152 100
 151 20.2 16.2 24.4
 153 13.3 11.0 16.6





#49

Dimethylphthalate

Concen: 44.83 ng

RT: 9.46 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF088170.D

Acq: 19 Jun 2016 9:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

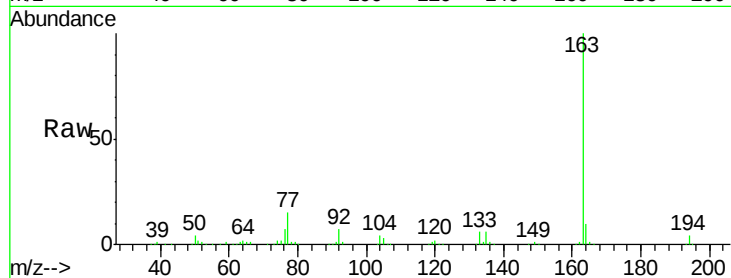
Tgt Ion:163 Resp: 499411

Ion Ratio Lower Upper

163 100

194 3.5 2.8 4.2

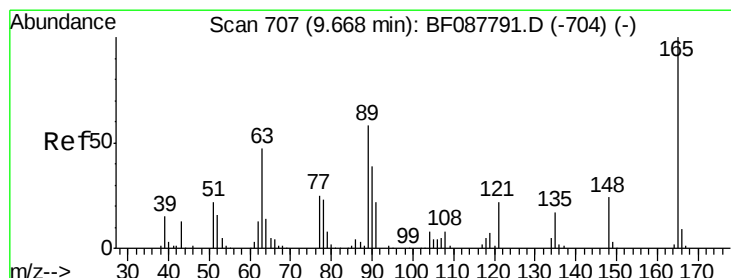
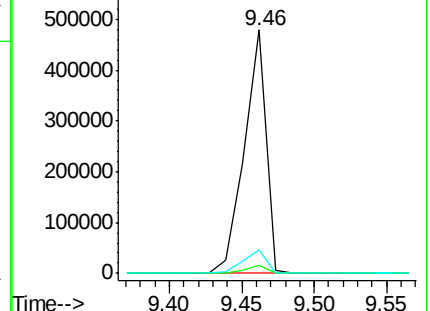
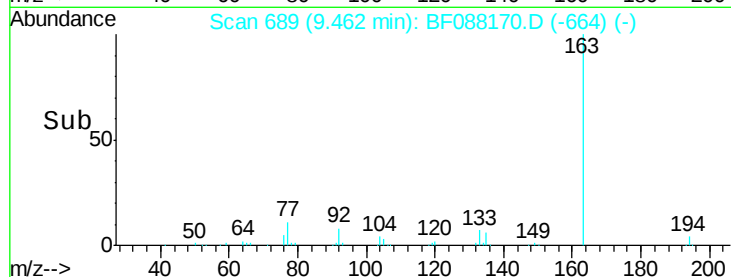
164 9.9 8.3 12.5



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: 35.45 ng

RT: 9.52 min Scan# 694

Delta R.T. -0.02 min

Lab File: BF088170.D

Acq: 19 Jun 2016 9:04

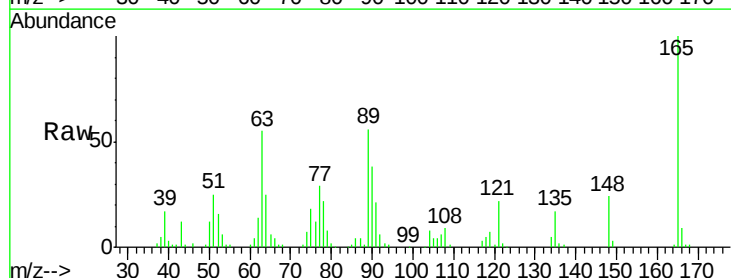
Tgt Ion:165 Resp: 90424

Ion Ratio Lower Upper

165 100

63 55.2 28.1 42.1#

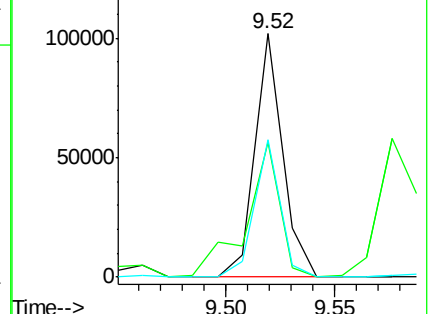
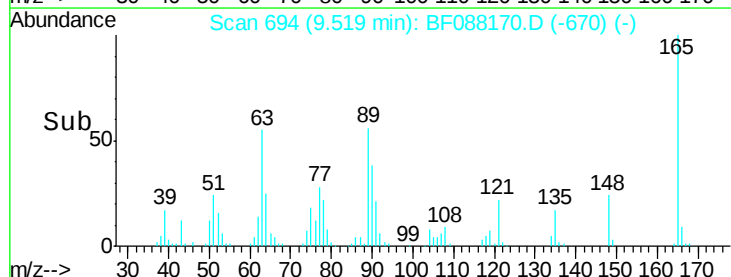
89 56.3 32.2 48.2#

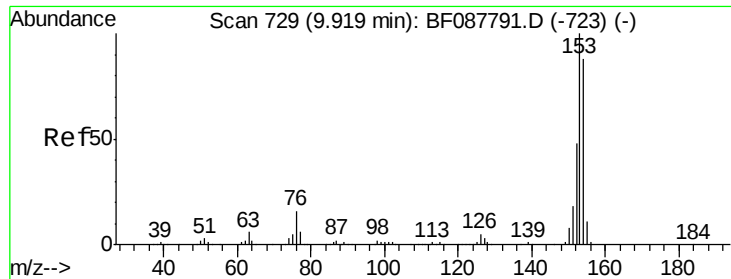


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 36.87 ng

RT: 9.76 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF088170.D

Acq: 19 Jun 2016 9:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

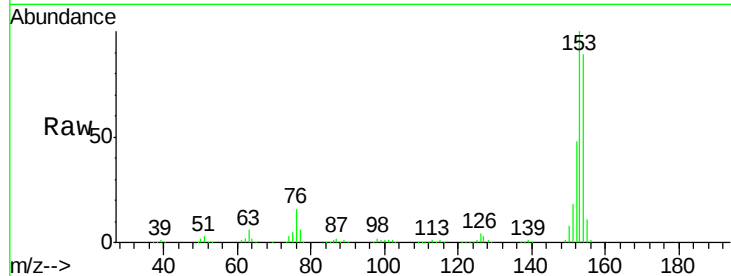
Tgt Ion:154 Resp: 364082

Ion Ratio Lower Upper

154 100

153 112.4 89.5 134.3

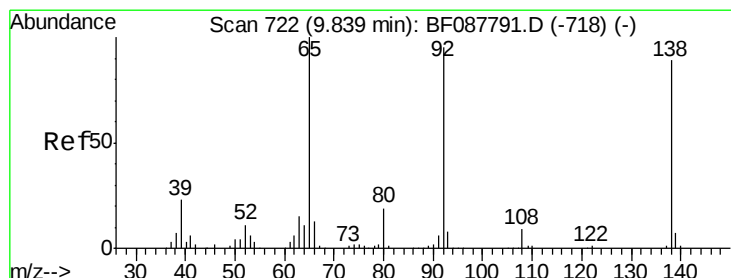
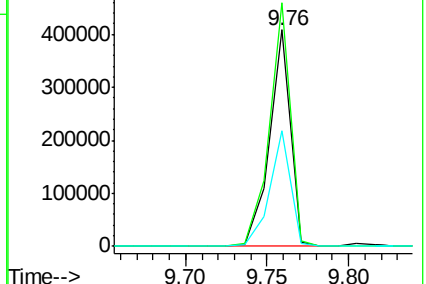
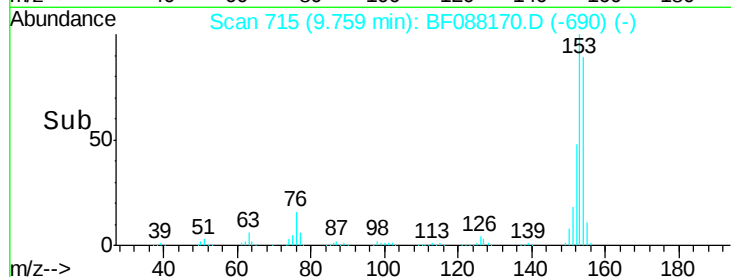
152 53.6 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 37.86 ng

RT: 9.69 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF088170.D

Acq: 19 Jun 2016 9:04

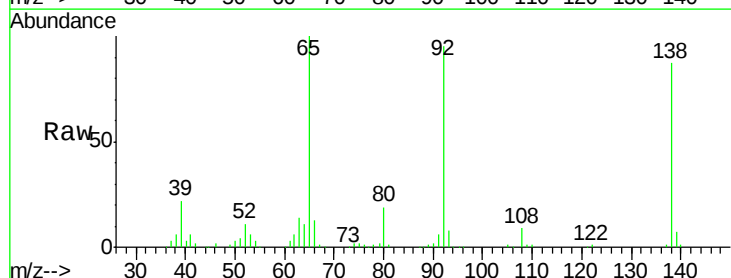
Tgt Ion:138 Resp: 111448

Ion Ratio Lower Upper

138 100

108 10.0 8.5 12.7

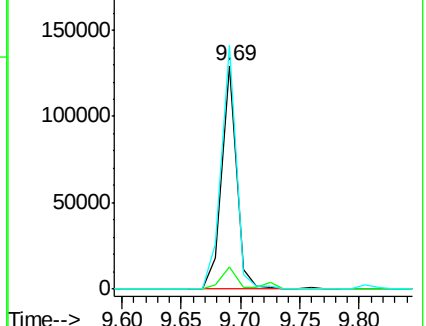
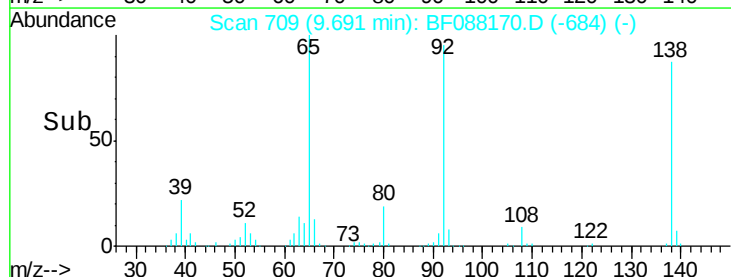
92 109.0 95.7 143.5

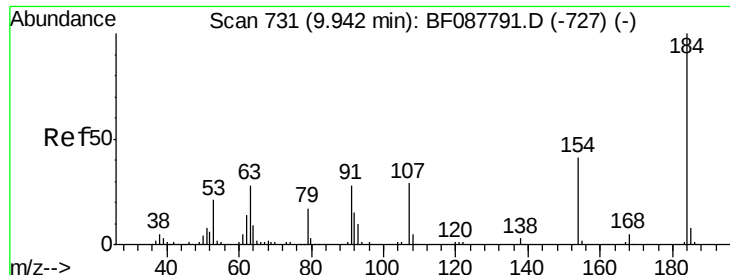


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

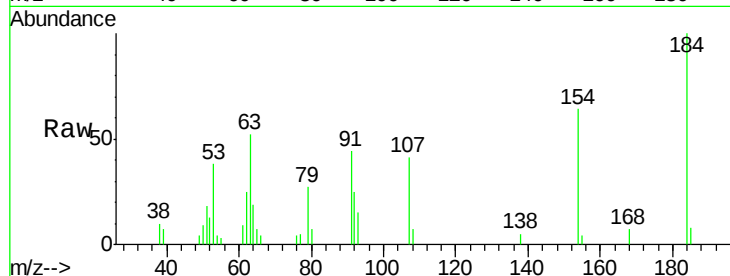




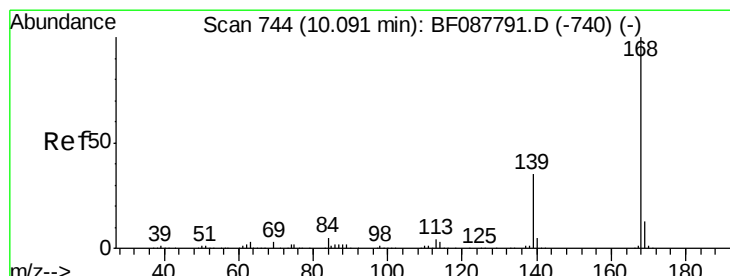
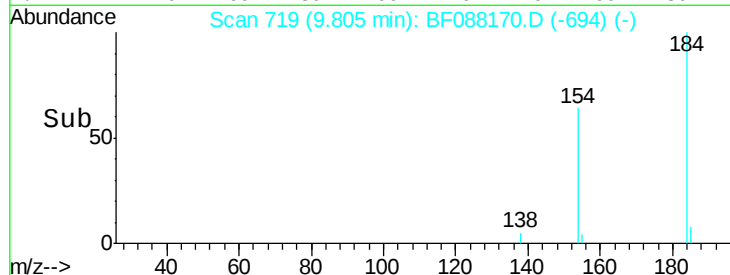
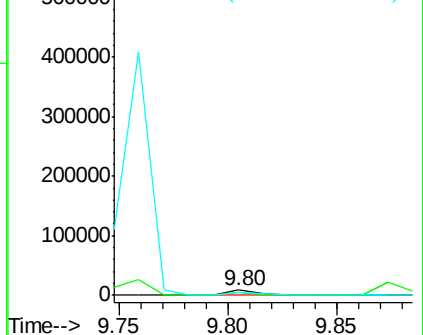
#53
 2,4-Dinitrophenol
 Concen: 12.21 ng
 RT: 9.80 min Scan# 719
 Delta R.T. -0.01 min
 Lab File: BF088170.D
 Acq: 19 Jun 2016 9:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:184 Resp: 10772
 Ion Ratio Lower Upper
 184 100
 63 52.3 57.6 86.4#
 154 63.5 53.5 80.3

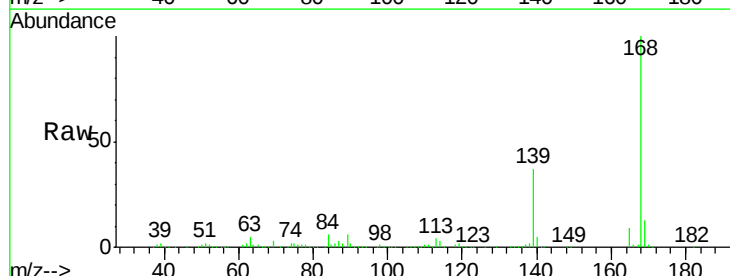


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

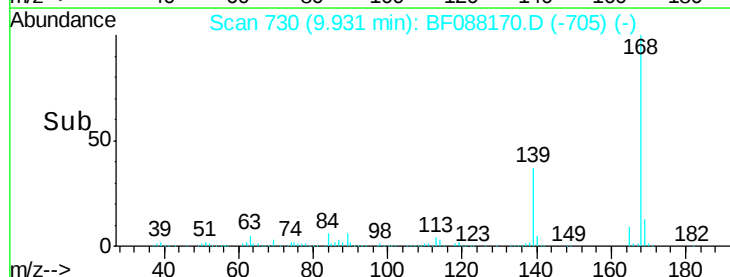
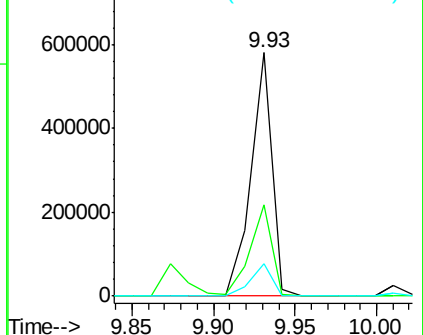


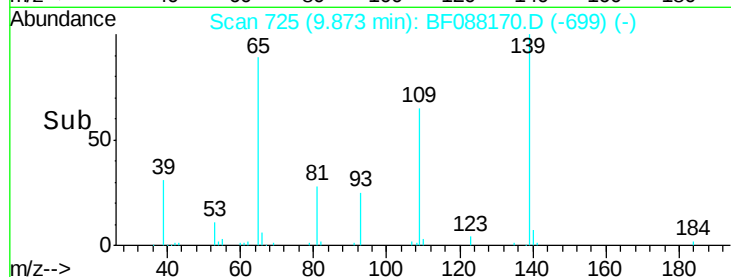
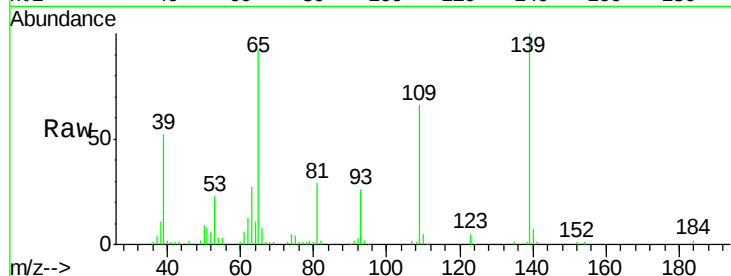
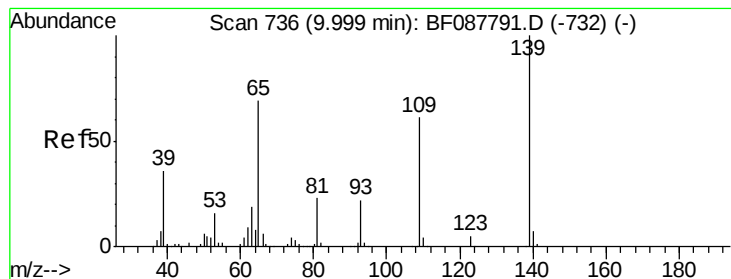
#54
 Dibenzofuran
 Concen: 38.23 ng
 RT: 9.93 min Scan# 730
 Delta R.T. -0.01 min
 Lab File: BF088170.D
 Acq: 19 Jun 2016 9:04

Tgt Ion:168 Resp: 519837
 Ion Ratio Lower Upper
 168 100
 139 37.2 26.4 39.6
 169 13.4 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: 37.46 ng

RT: 9.87 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF088170.D

Acq: 19 Jun 2016 9:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

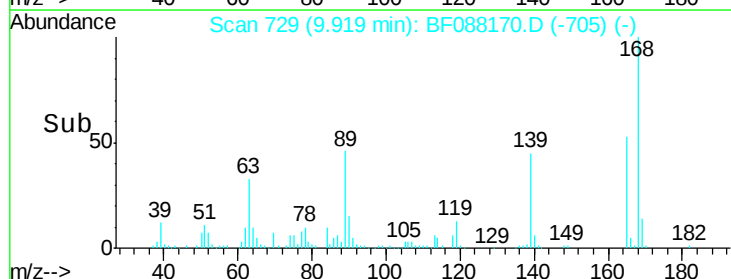
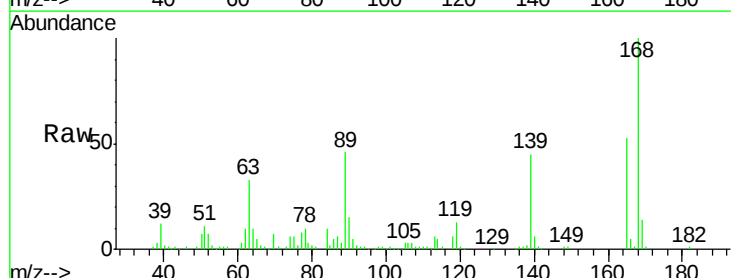
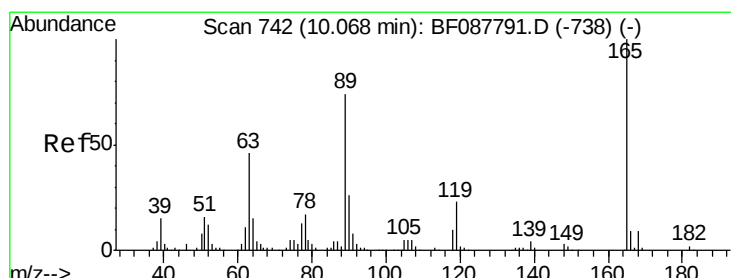
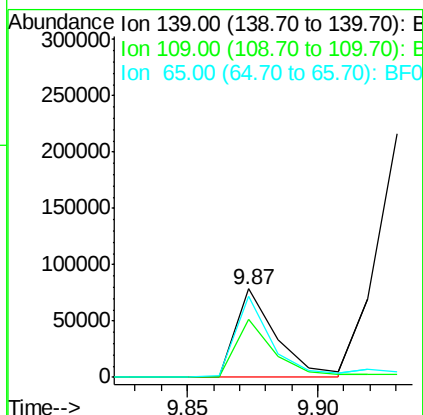
Tgt Ion:139 Resp: 85583

Ion Ratio Lower Upper

139 100

109 65.7 48.9 88.9

65 92.4 84.9 124.9



#56

2,4-Dinitrotoluene

Concen: 29.32 ng

RT: 9.92 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF088170.D

Acq: 19 Jun 2016 9:04

Tgt Ion:165 Resp: 96136

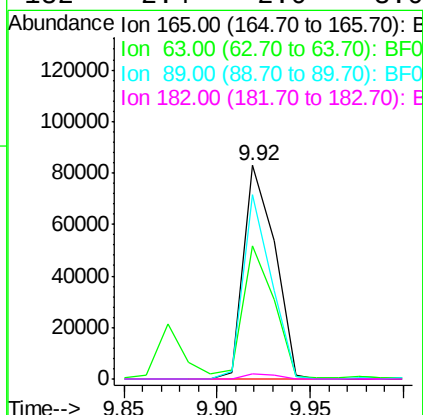
Ion Ratio Lower Upper

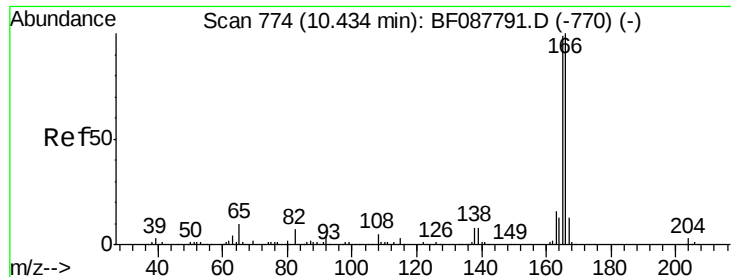
165 100

63 62.1 22.0 33.0#

89 86.6 41.1 61.7#

182 2.4 2.0 3.0





#57

Fluorene

Concen: 42.92 ng

RT: 10.27 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF088170.D

Acq: 19 Jun 2016 9:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

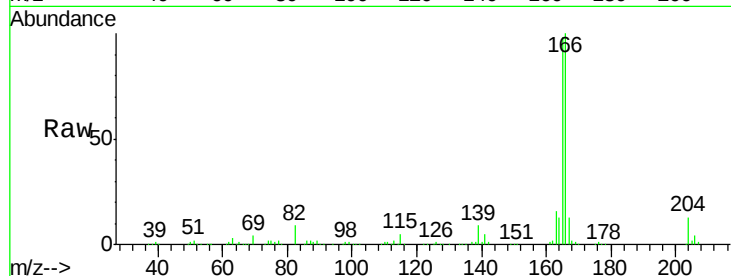
Tgt Ion:166 Resp: 396458

Ion Ratio Lower Upper

166 100

165 98.1 77.8 116.8

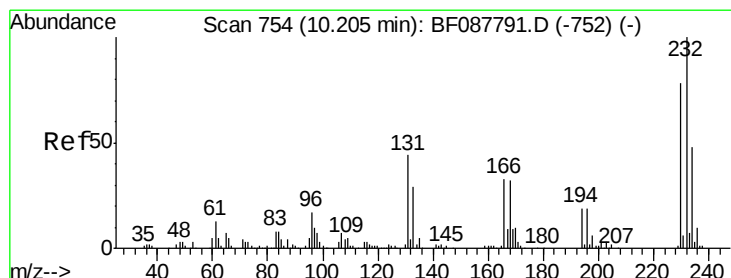
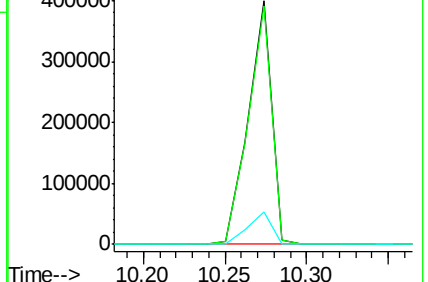
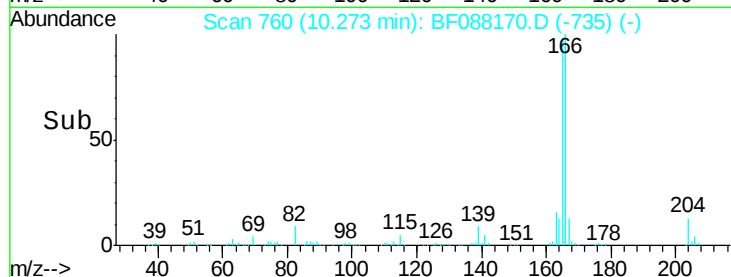
167 13.2 11.2 16.8



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: 36.41 ng

RT: 10.06 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF088170.D

Acq: 19 Jun 2016 9:04

Tgt Ion:232 Resp: 91556

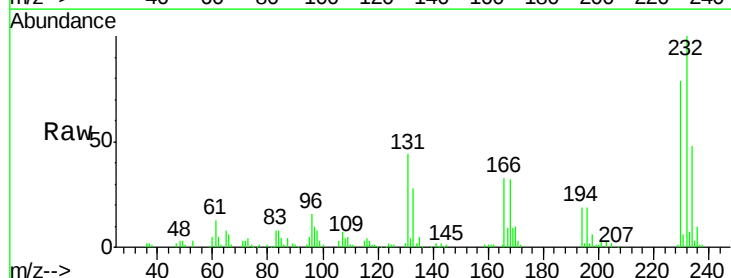
Ion Ratio Lower Upper

232 100

131 46.3 0.9 1.3#

130 2.0 1.5 2.3

166 32.5 0.5 0.7#

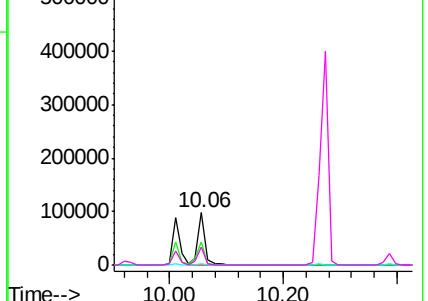
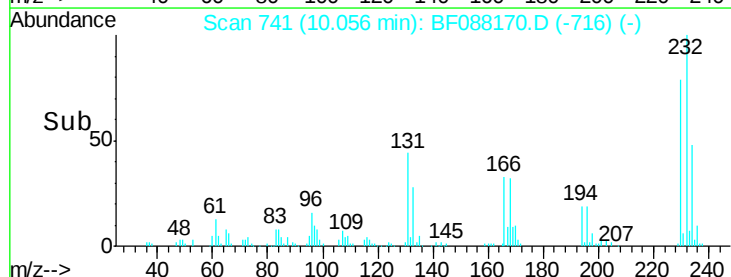


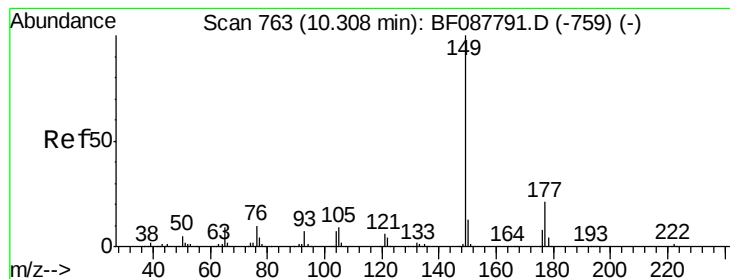
Abundance Ion 232.00 (231.70 to 232.70): E

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: 41.15 ng

RT: 10.16 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF088170.D

Acq: 19 Jun 2016 9:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

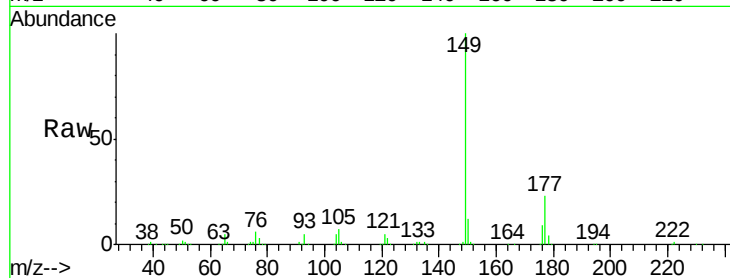
Tgt Ion:149 Resp: 463954

Ion Ratio Lower Upper

149 100

177 22.9 16.9 25.3

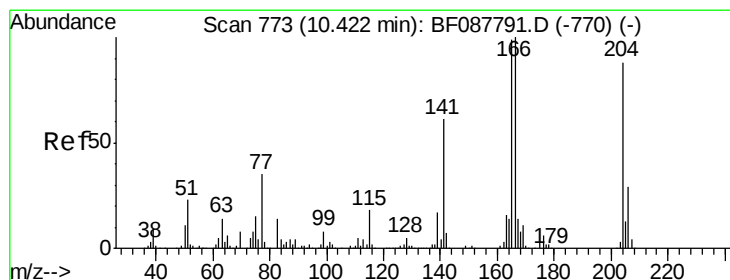
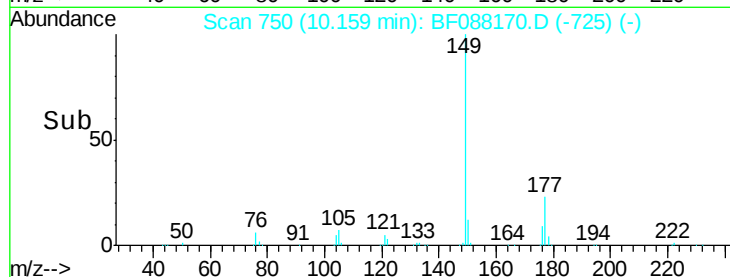
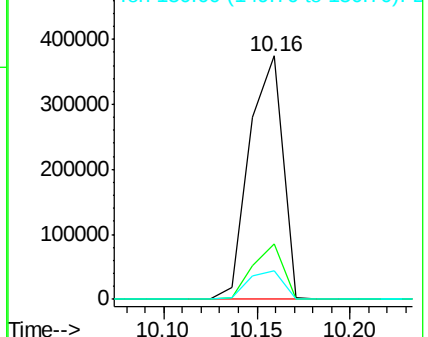
150 12.0 10.1 15.1



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: 35.67 ng

RT: 10.26 min Scan# 759

Delta R.T. -0.02 min

Lab File: BF088170.D

Acq: 19 Jun 2016 9:04

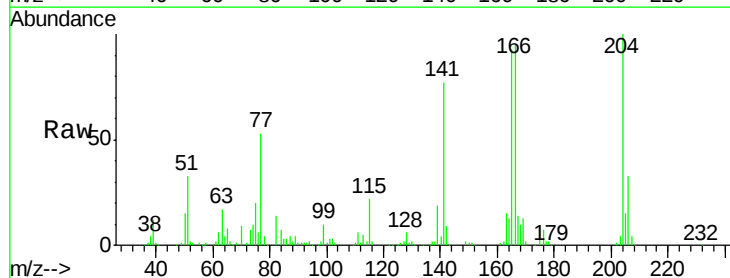
Tgt Ion:204 Resp: 161309

Ion Ratio Lower Upper

204 100

206 32.8 26.3 39.5

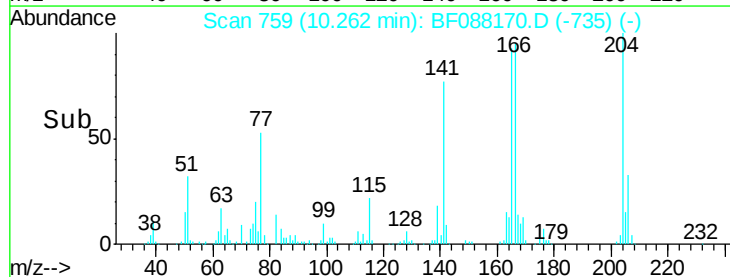
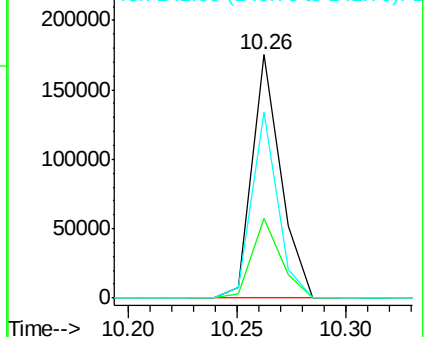
141 76.5 55.0 82.6

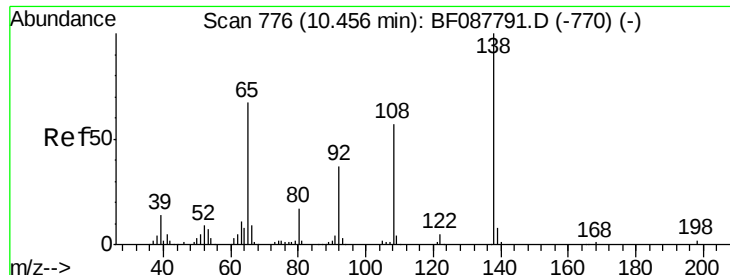


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

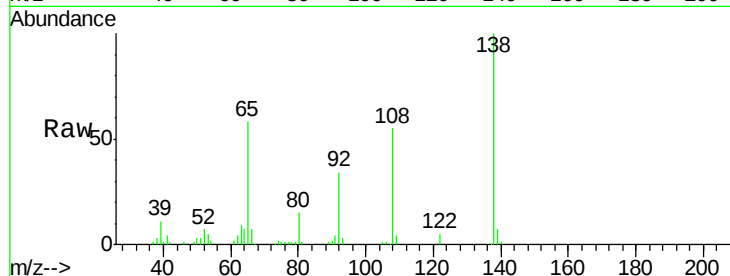




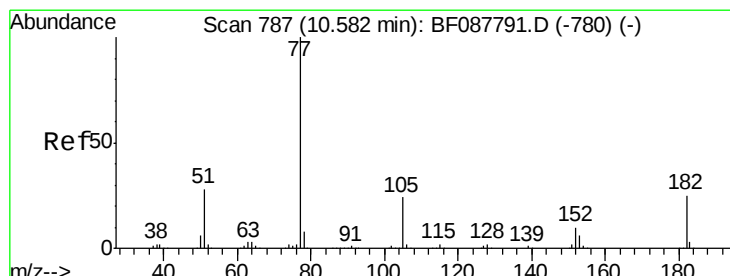
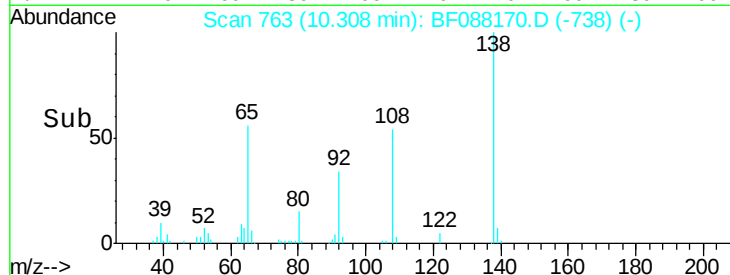
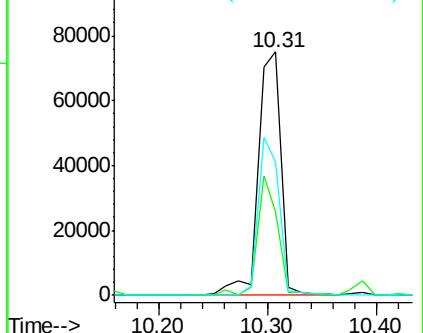
#61
4-Nitroaniline
Concen: 39.67 ng
RT: 10.31 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF088170.D
Acq: 19 Jun 2016 9:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:138 Resp: 110757
Ion Ratio Lower Upper
138 100
92 34.4 27.3 67.3
108 54.8 46.7 86.7

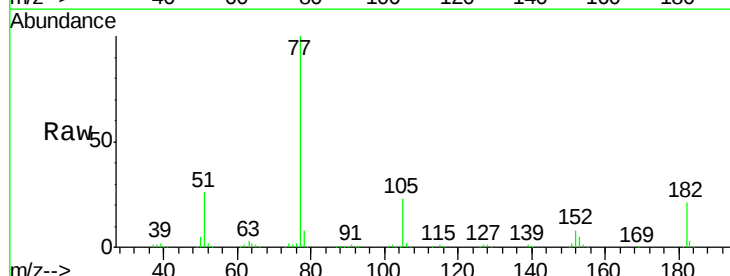


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

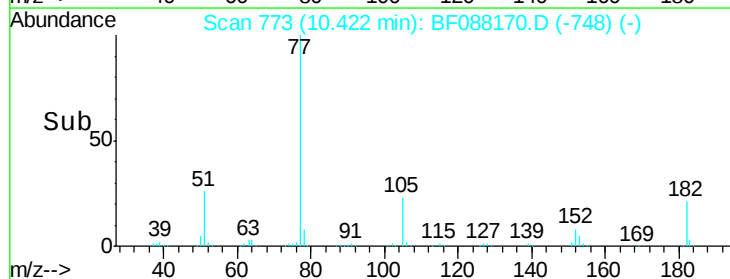
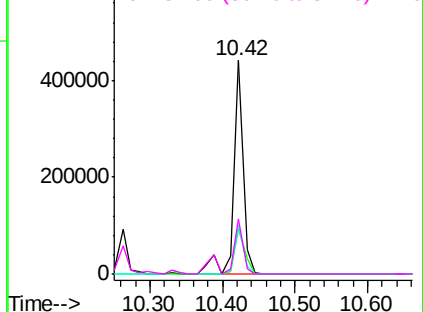


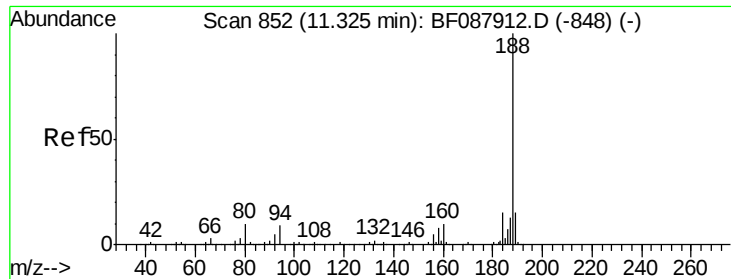
#62
Azobenzene
Concen: 36.22 ng
RT: 10.42 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF088170.D
Acq: 19 Jun 2016 9:04

Tgt Ion: 77 Resp: 403861
Ion Ratio Lower Upper
77 100
182 21.0 4.4 44.4
105 23.0 3.8 43.8
51 25.9 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

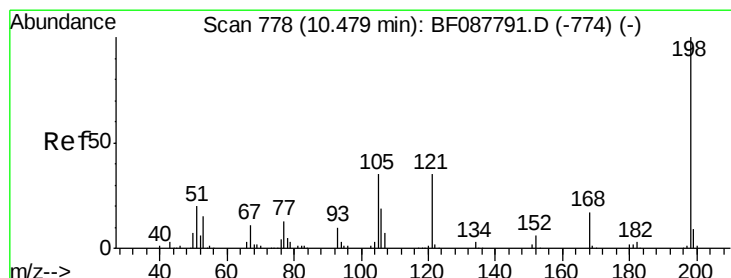
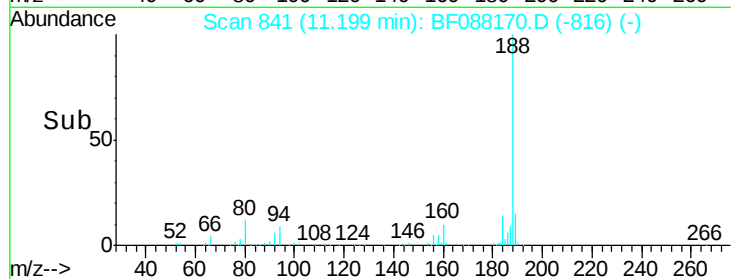
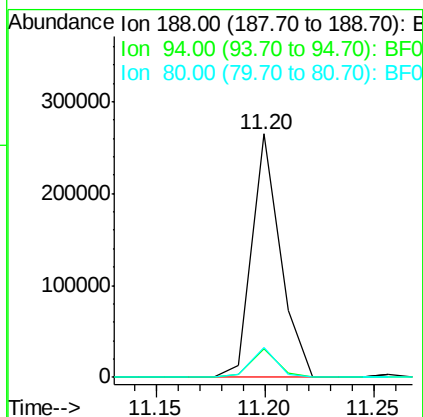
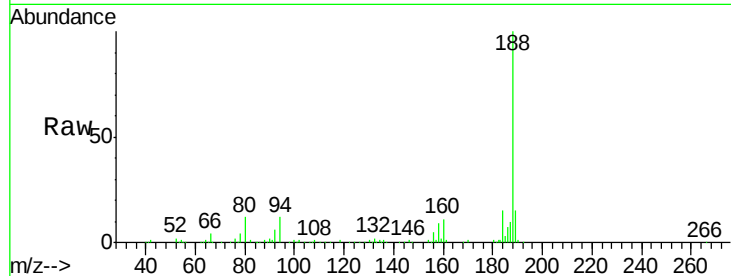




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF088170.D
Acq: 19 Jun 2016 9:04

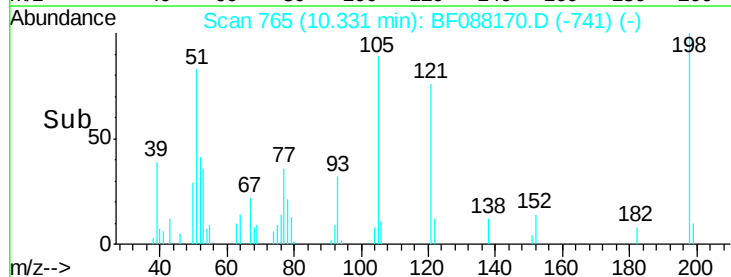
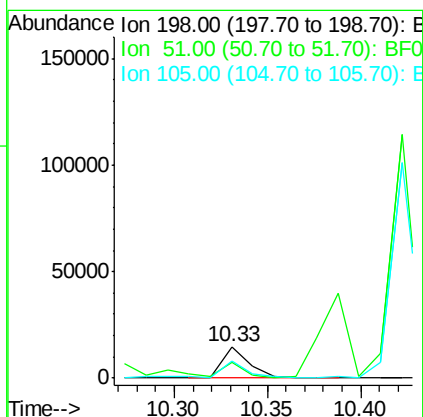
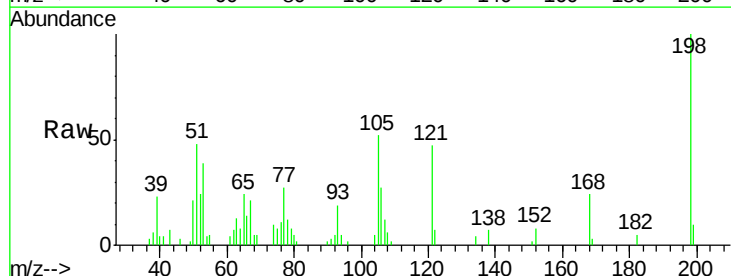
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

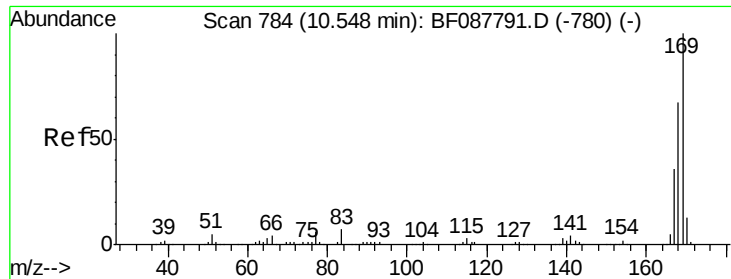
Tgt Ion:188 Resp: 241354
Ion Ratio Lower Upper
188 100
94 11.5 9.0 13.6
80 12.0 10.0 15.0



#64
4,6-Dinitro-2-methylphenol
Concen: 11.70 ng
RT: 10.33 min Scan# 765
Delta R.T. -0.02 min
Lab File: BF088170.D
Acq: 19 Jun 2016 9:04

Tgt Ion:198 Resp: 15043
Ion Ratio Lower Upper
198 100
51 48.5 39.6 79.6
105 52.3 36.6 76.6

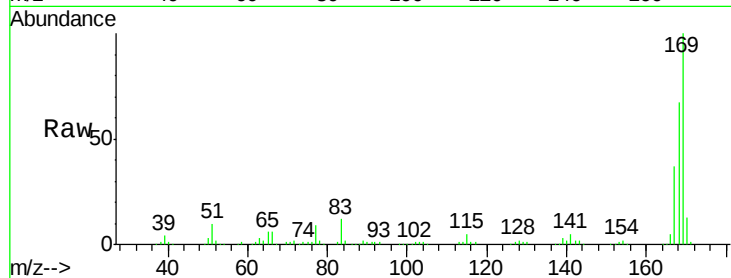




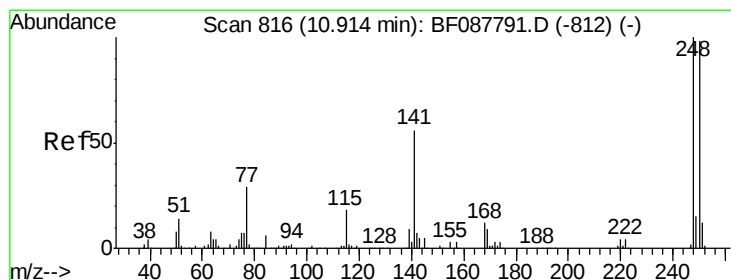
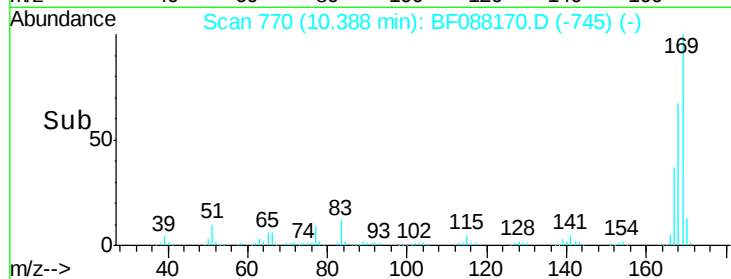
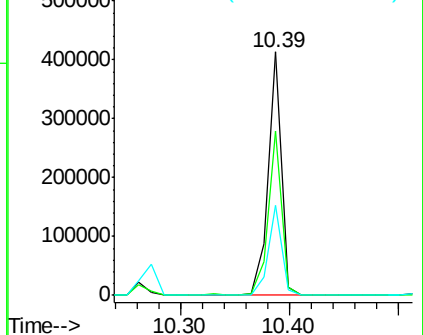
#65
 n-Nitrosodiphenylamine
 Concen: 44.44 ng
 RT: 10.39 min Scan# 770
 Delta R.T. -0.01 min
 Lab File: BF088170.D
 Acq: 19 Jun 2016 9:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:169 Resp: 355864
 Ion Ratio Lower Upper
 169 100
 168 67.5 53.4 80.0
 167 36.8 29.4 44.0

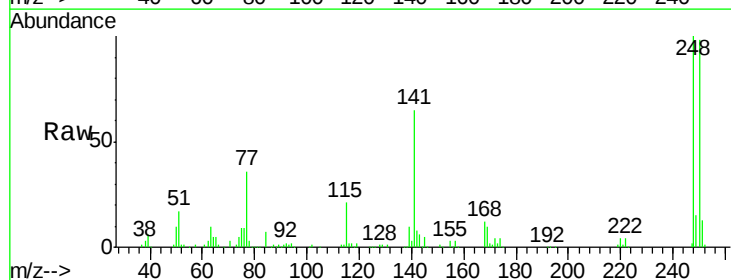


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

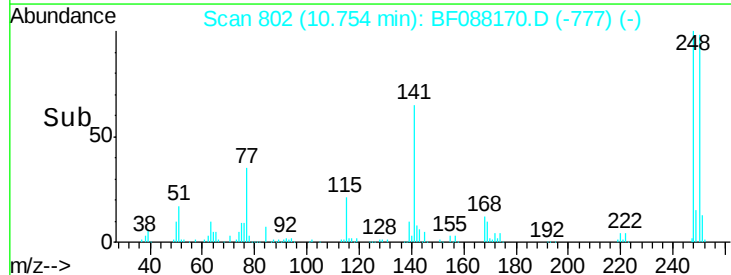
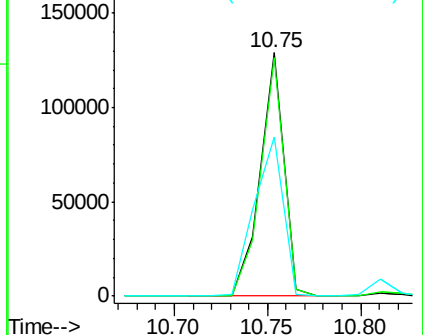


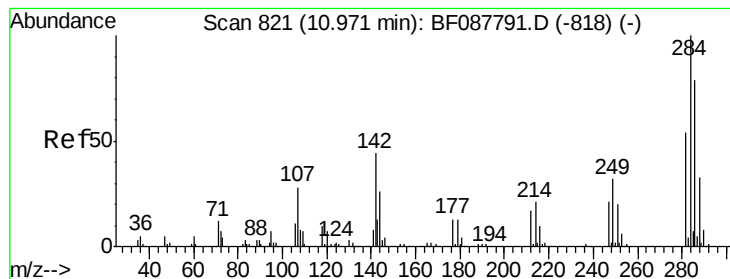
#66
 4-Bromophenyl-phenylether
 Concen: 43.49 ng
 RT: 10.75 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF088170.D
 Acq: 19 Jun 2016 9:04

Tgt Ion:248 Resp: 112621
 Ion Ratio Lower Upper
 248 100
 250 97.9 77.1 115.7
 141 65.1 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: 38.90 ng

RT: 10.81 min Scan# 807

Delta R.T. -0.02 min

Lab File: BF088170.D

Acq: 19 Jun 2016 9:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

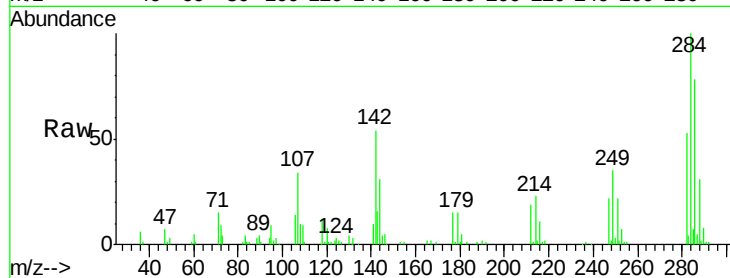
Tgt Ion:284 Resp: 104650

Ion Ratio Lower Upper

284 100

142 53.8 35.8 53.8

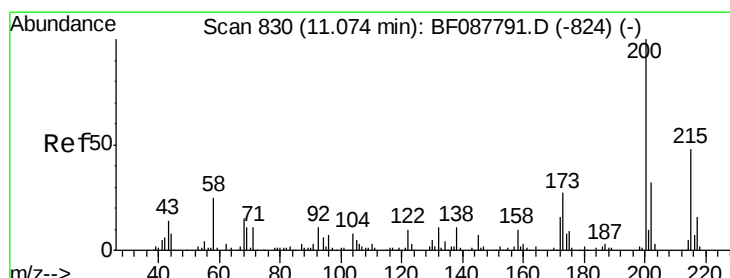
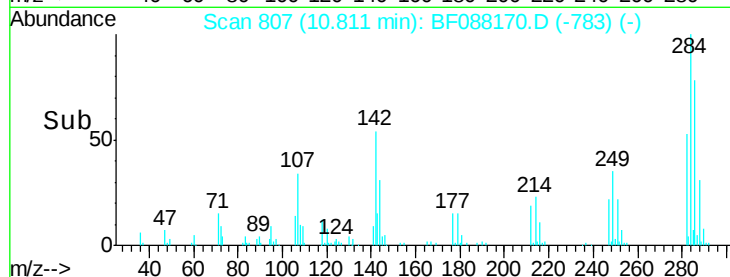
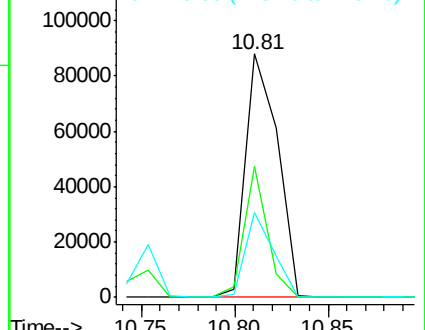
249 34.9 25.8 38.6



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: 24.70 ng

RT: 10.91 min Scan# 816

Delta R.T. -0.02 min

Lab File: BF088170.D

Acq: 19 Jun 2016 9:04

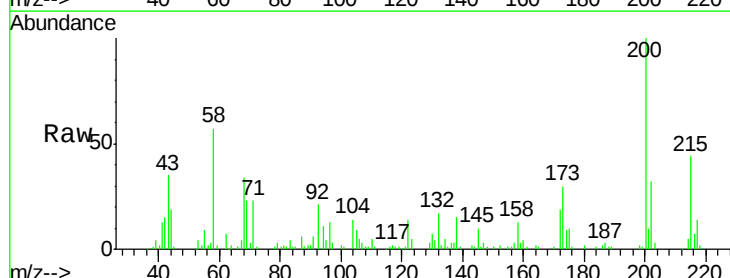
Tgt Ion:200 Resp: 59906

Ion Ratio Lower Upper

200 100

173 30.1 4.0 44.0

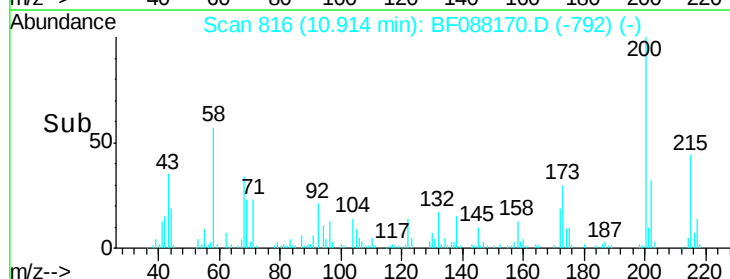
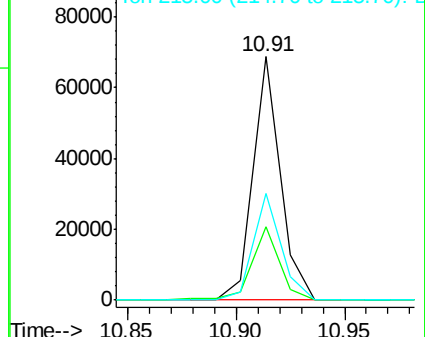
215 43.9 29.3 69.3

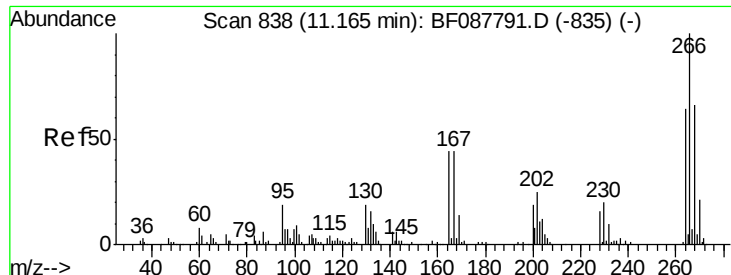


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

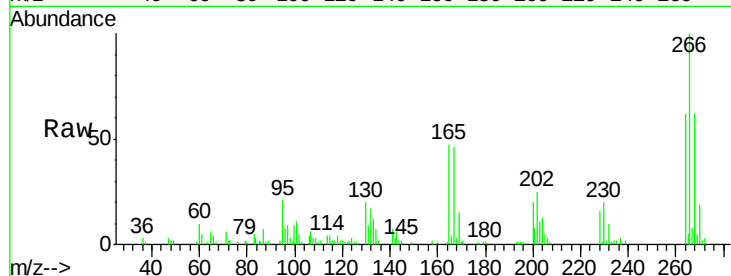




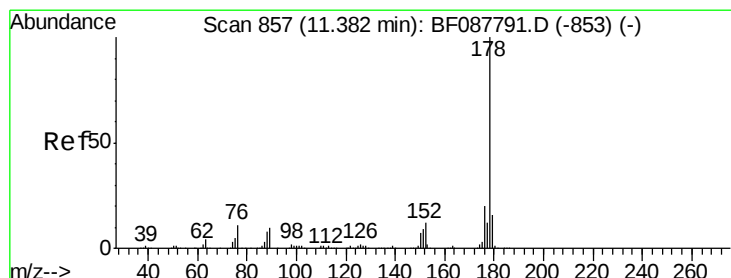
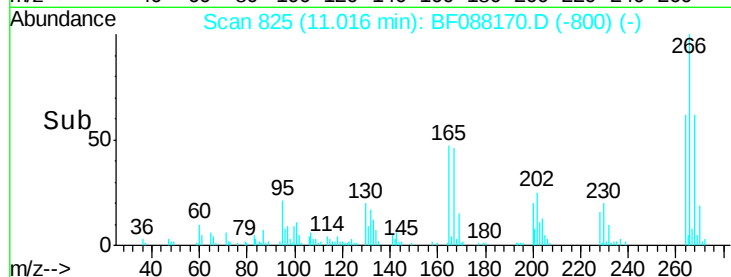
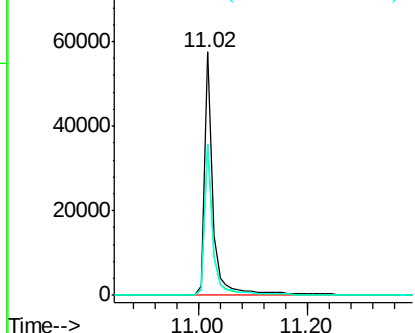
#69
 Pentachlorophenol
 Concen: 44.41 ng
 RT: 11.02 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF088170.D
 Acq: 19 Jun 2016 9:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion: 266 Resp: 62978
 Ion Ratio Lower Upper
 266 100
 268 62.1 52.8 79.2
 264 62.5 49.6 74.4

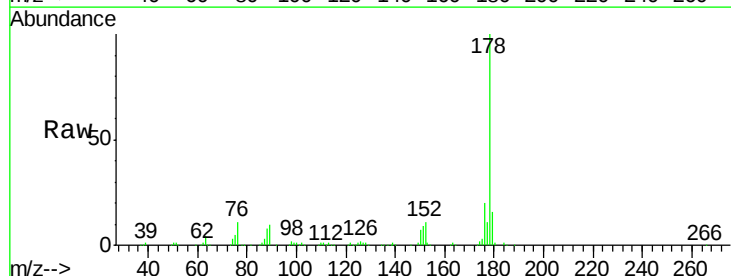


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

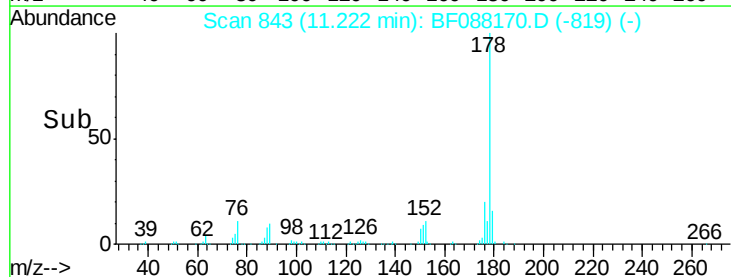
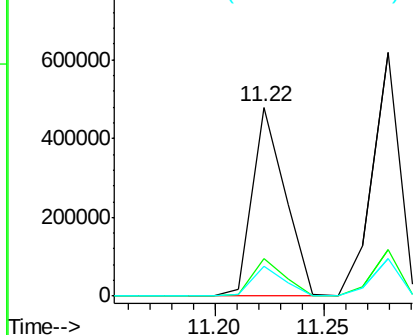


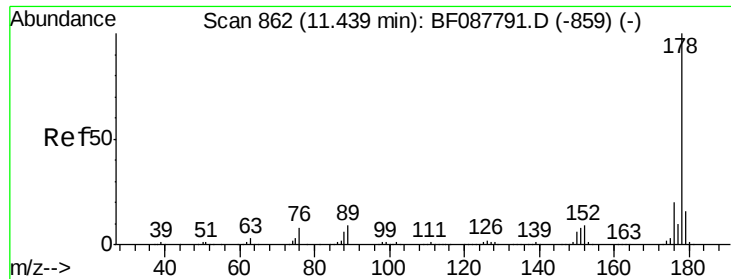
#70
 Phenanthrene
 Concen: 39.75 ng
 RT: 11.22 min Scan# 843
 Delta R.T. -0.02 min
 Lab File: BF088170.D
 Acq: 19 Jun 2016 9:04

Tgt Ion: 178 Resp: 503399
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.6
 179 16.0 13.0 19.4



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

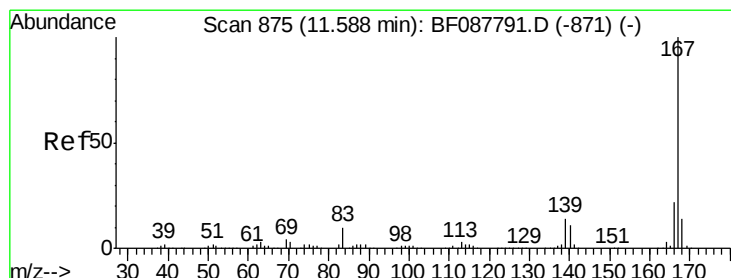
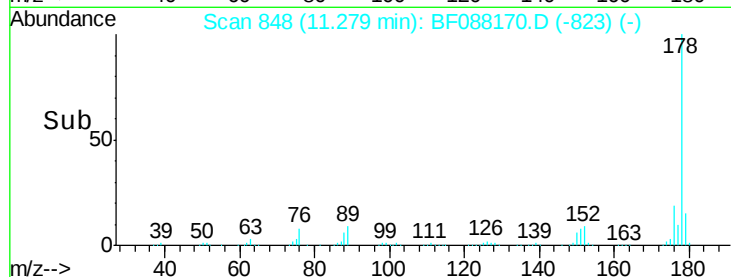
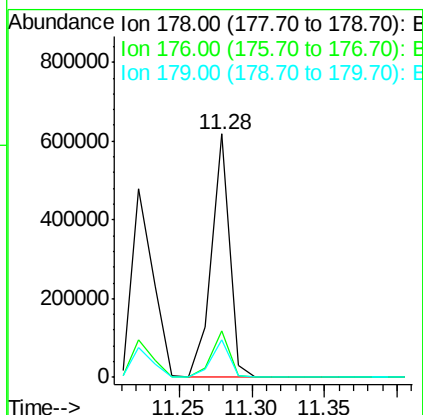
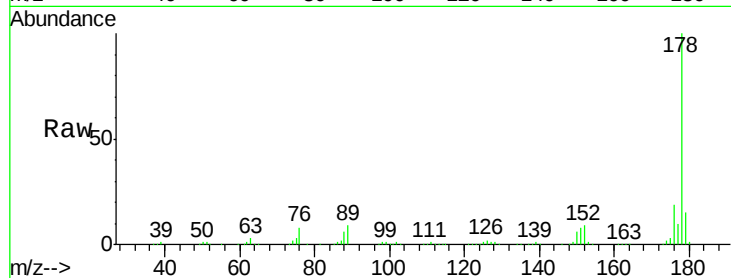




#71
 Anthracene
 Concen: 41.98 ng
 RT: 11.28 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BF088170.D
 Acq: 19 Jun 2016 9:04

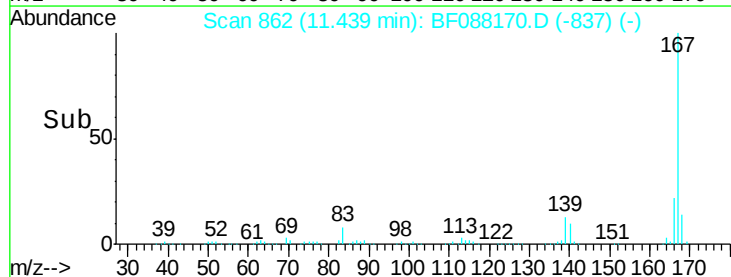
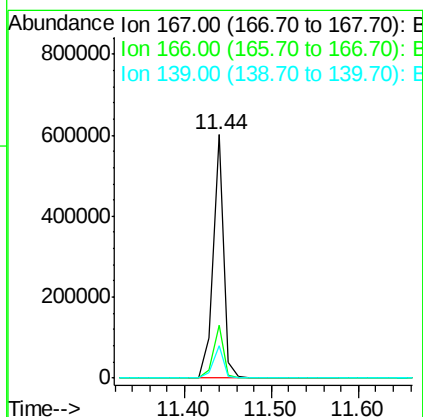
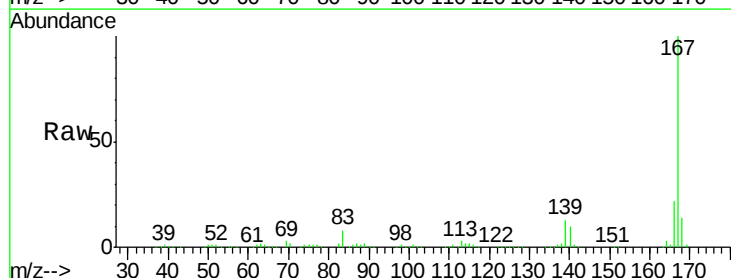
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

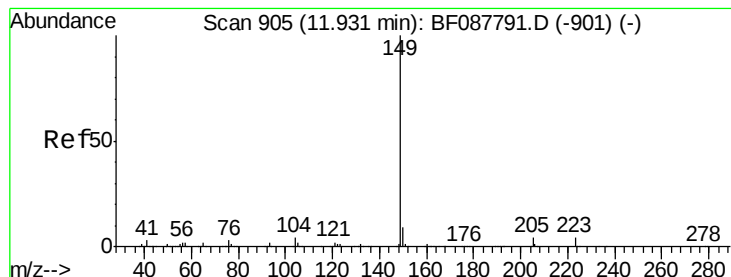
Tgt Ion:178 Resp: 536263
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.6 23.4
 179 15.5 12.8 19.2



#72
 Carbazole
 Concen: 42.93 ng
 RT: 11.44 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: BF088170.D
 Acq: 19 Jun 2016 9:04

Tgt Ion:167 Resp: 513184
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.8 26.6
 139 13.2 11.2 16.8





#73

Di-n-butylphthalate

Concen: 41.55 ng

RT: 11.77 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF088170.D

Acq: 19 Jun 2016 9:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

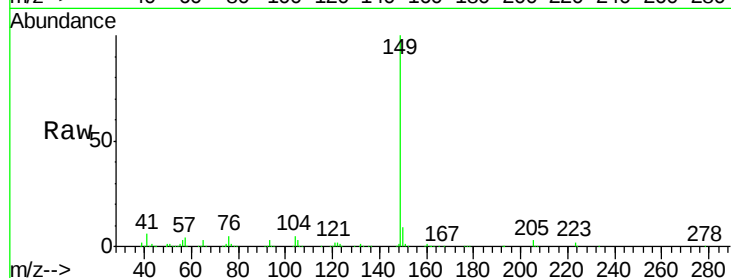
Tgt Ion:149 Resp: 628835

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

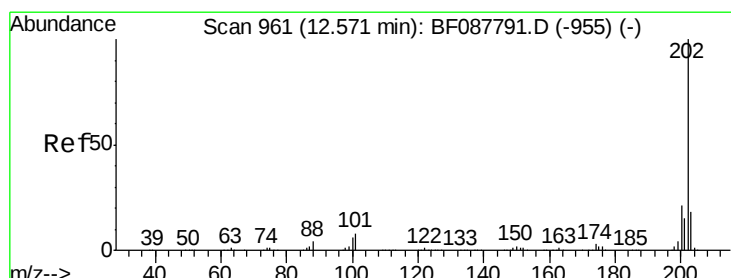
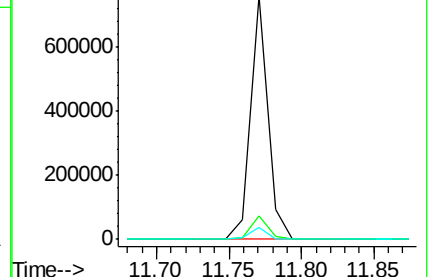
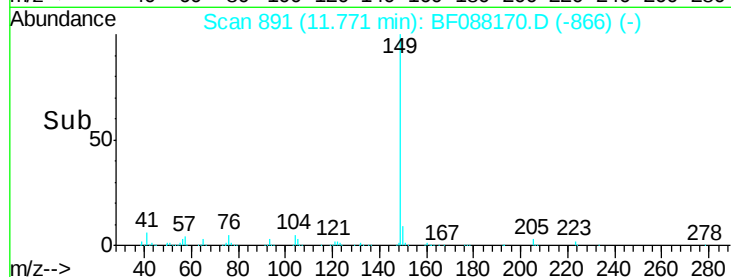
104 4.9 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.61 ng

RT: 12.41 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF088170.D

Acq: 19 Jun 2016 9:04

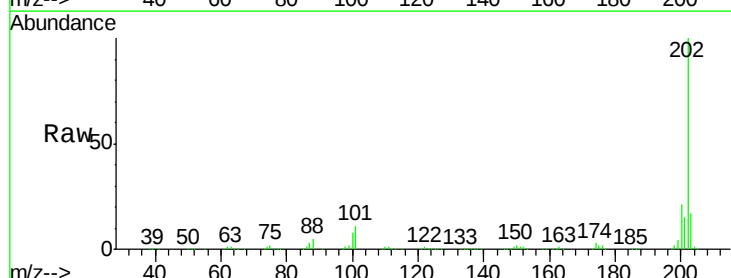
Tgt Ion:202 Resp: 542758

Ion Ratio Lower Upper

202 100

101 11.2 0.0 33.1

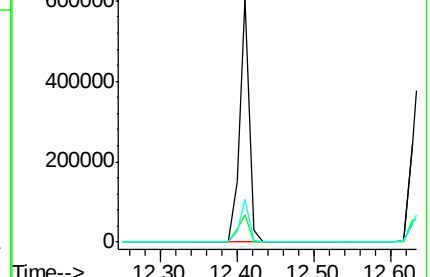
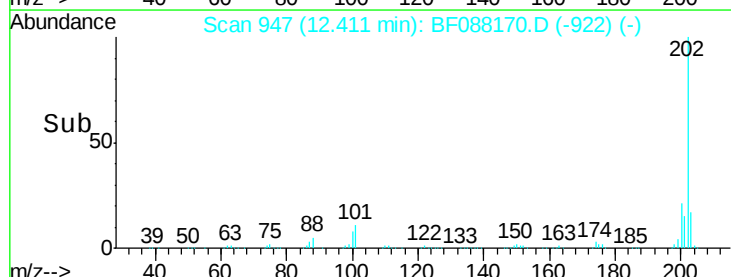
203 17.5 0.0 38.1

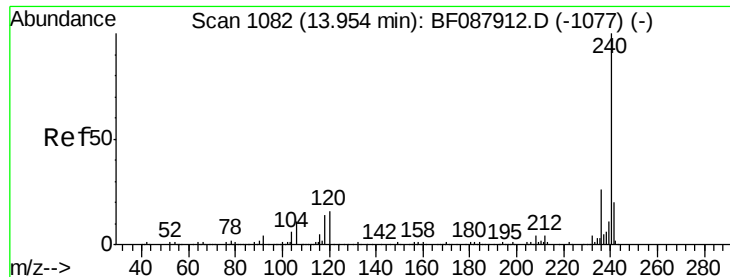


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.83 min Scan# 1071

Delta R.T. -0.02 min

Lab File: BF088170.D

Acq: 19 Jun 2016 9:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

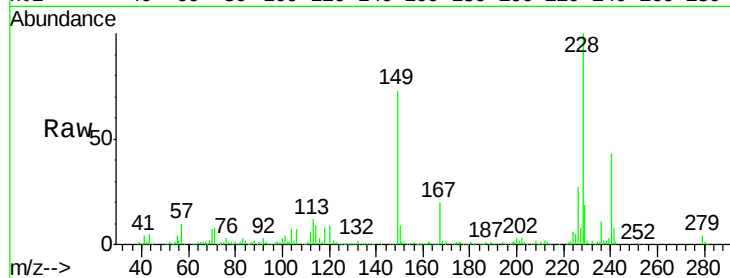
Tgt Ion:240 Resp: 171389

Ion Ratio Lower Upper

240 100

120 21.3 6.8 10.2#

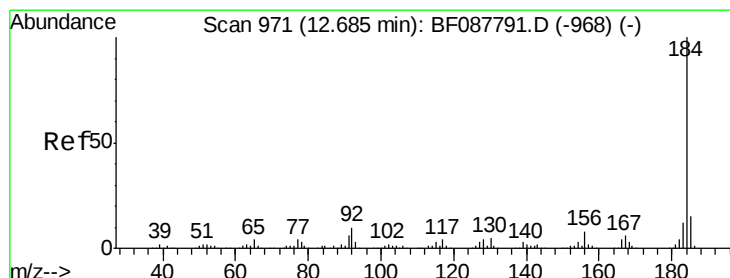
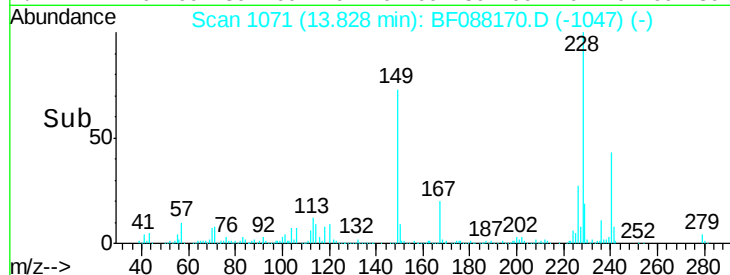
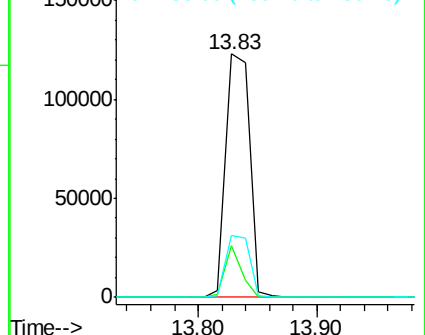
236 25.5 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 44.26 ng

RT: 12.54 min Scan# 958

Delta R.T. -0.01 min

Lab File: BF088170.D

Acq: 19 Jun 2016 9:04

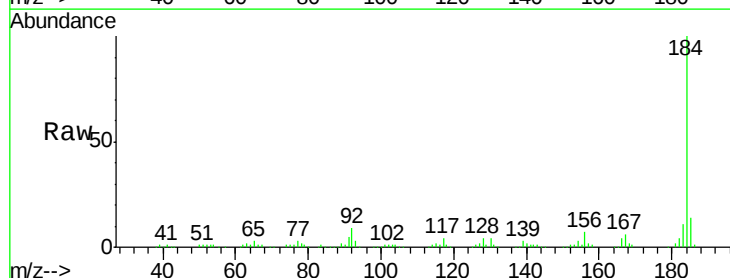
Tgt Ion:184 Resp: 210043

Ion Ratio Lower Upper

184 100

185 14.4 12.5 18.7

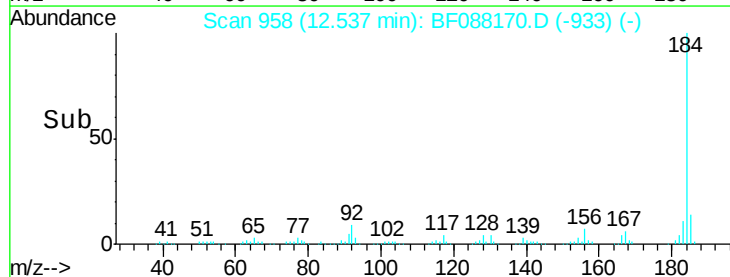
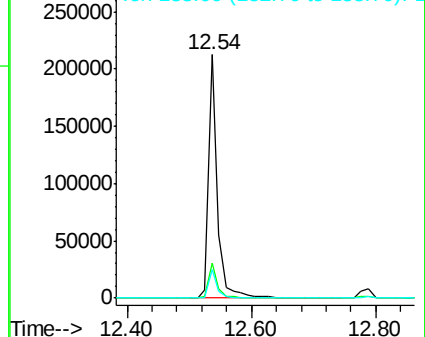
183 11.5 9.3 13.9

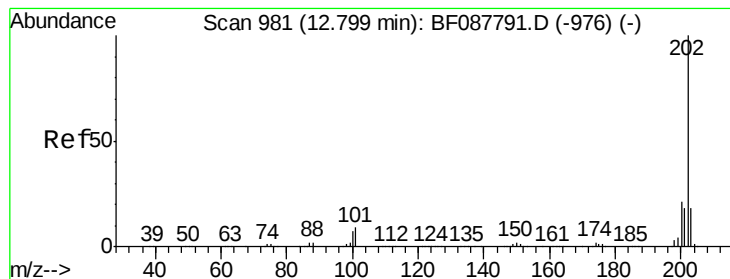


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 42.06 ng

RT: 12.64 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF088170.D

Acq: 19 Jun 2016 9:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

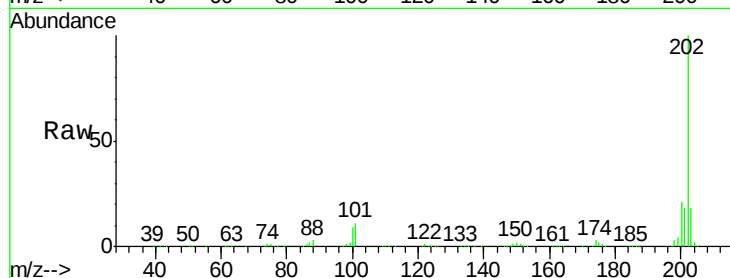
Tgt Ion: 202 Resp: 534977

Ion Ratio Lower Upper

202 100

200 21.5 17.4 26.2

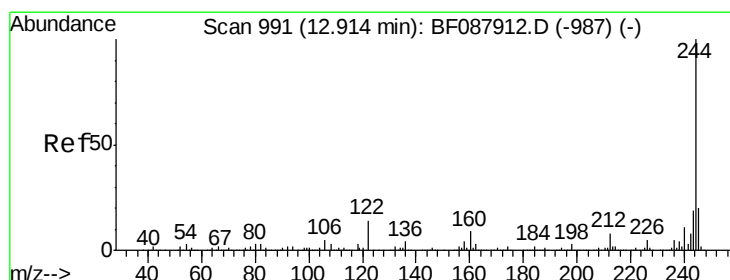
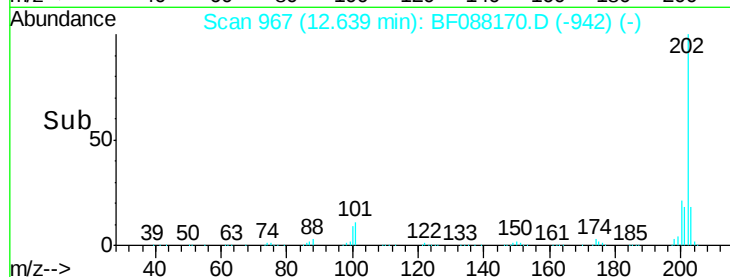
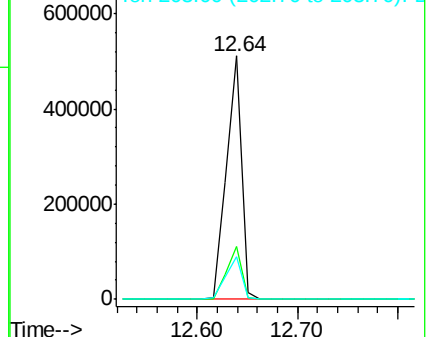
203 17.7 14.5 21.7



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: 85.93 ng

RT: 12.79 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF088170.D

Acq: 19 Jun 2016 9:04

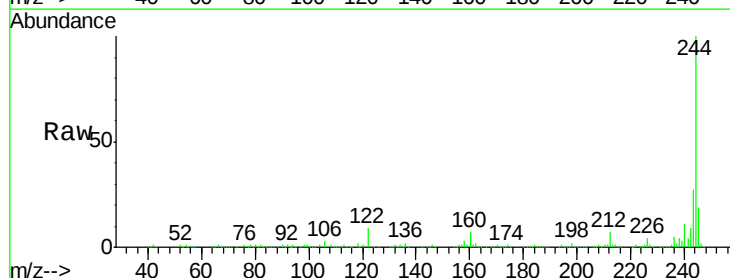
Tgt Ion: 244 Resp: 647240

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

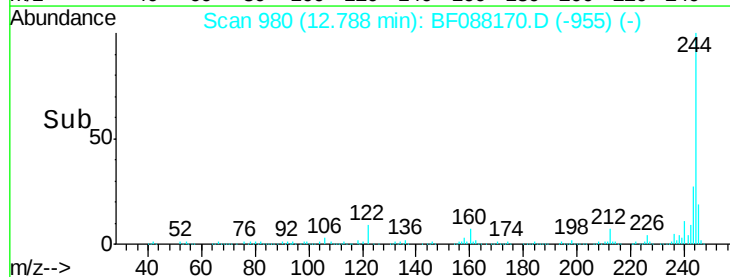
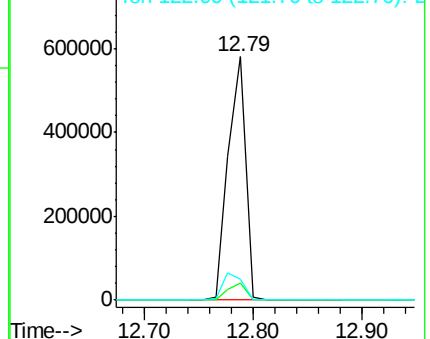
122 8.8 11.2 16.8#

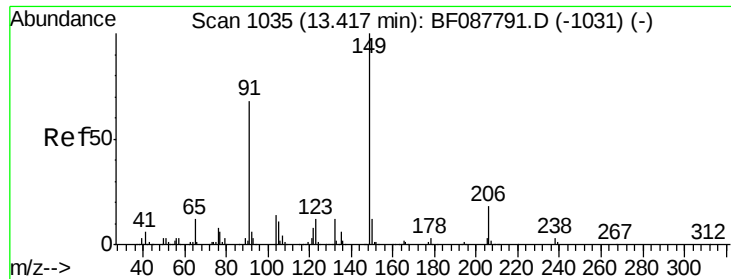


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

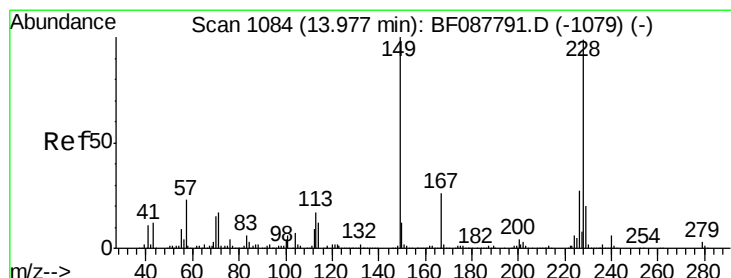
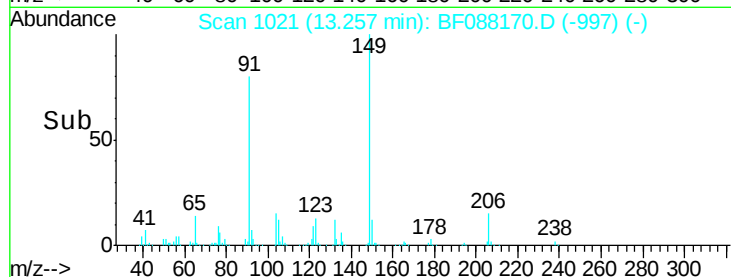
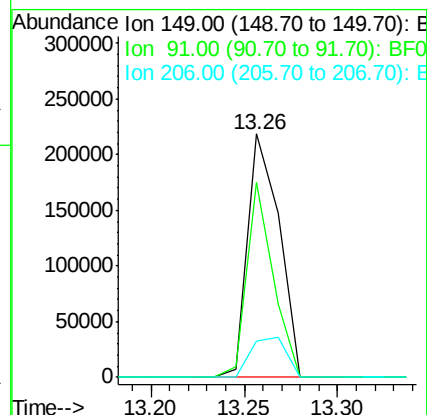
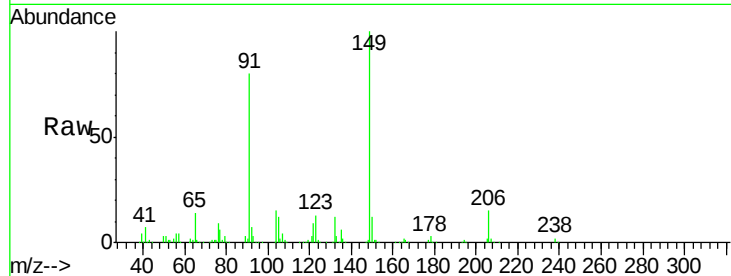




#79
Butylbenzylphthalate
Concen: 45.69 ng
RT: 13.26 min Scan# 1021
Delta R.T. -0.02 min
Lab File: BF088170.D
Acq: 19 Jun 2016 9:04

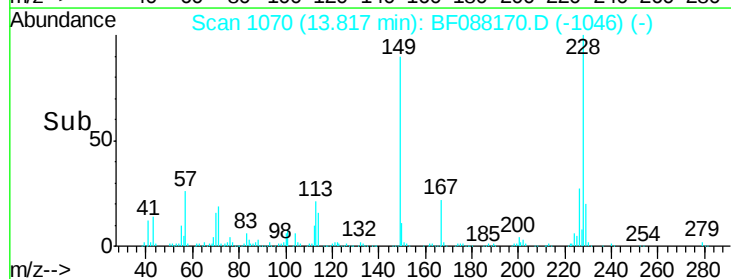
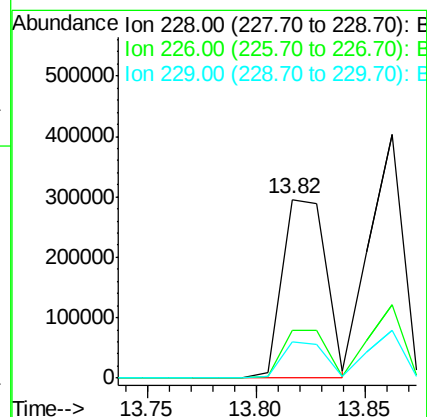
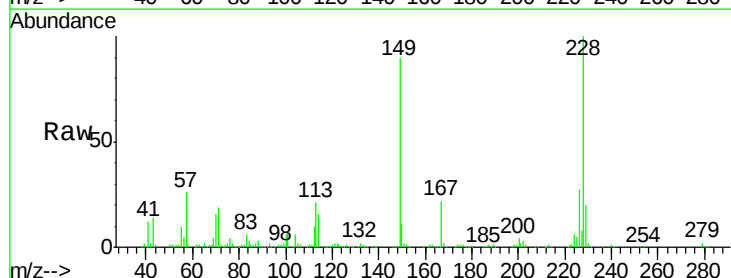
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

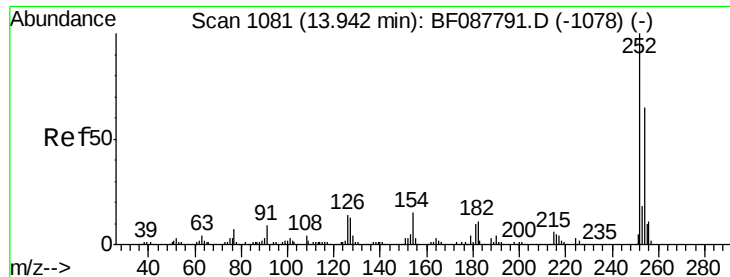
Tgt Ion	Ratio	Lower	Upper
149	100		
91	80.0	48.0	72.0#
206	15.1	16.0	24.0#



#80
Benzo(a)anthracene
Concen: 42.41 ng
RT: 13.82 min Scan# 1070
Delta R.T. -0.02 min
Lab File: BF088170.D
Acq: 19 Jun 2016 9:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.3	33.5
229	20.1	16.0	24.0





#81

3,3'-Dichlorobenzidine

Concen: 51.43 ng

RT: 13.79 min Scan# 1068

Delta R.T. -0.01 min

Lab File: BF088170.D

Acq: 19 Jun 2016 9:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

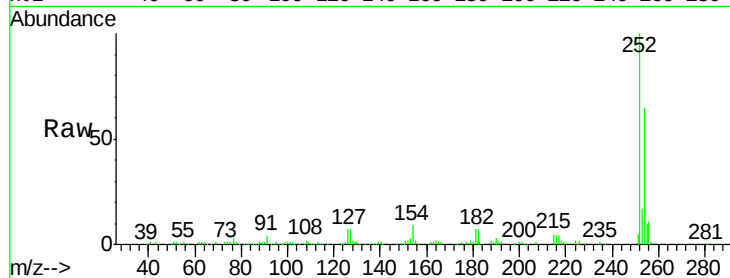
Tgt Ion:252 Resp: 135073

Ion Ratio Lower Upper

252 100

254 64.7 52.6 78.8

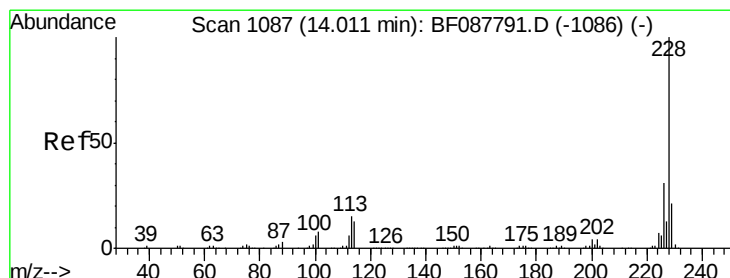
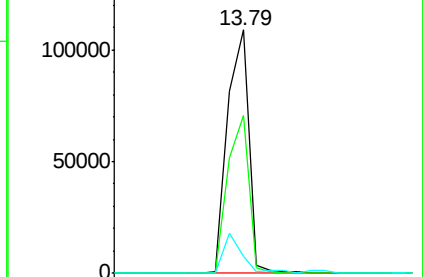
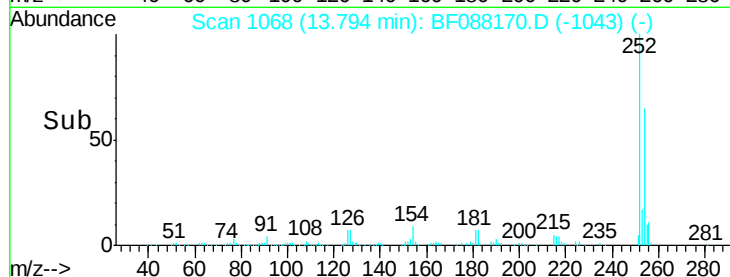
126 6.9 6.2 9.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 47.50 ng

RT: 13.86 min Scan# 1074

Delta R.T. -0.01 min

Lab File: BF088170.D

Acq: 19 Jun 2016 9:04

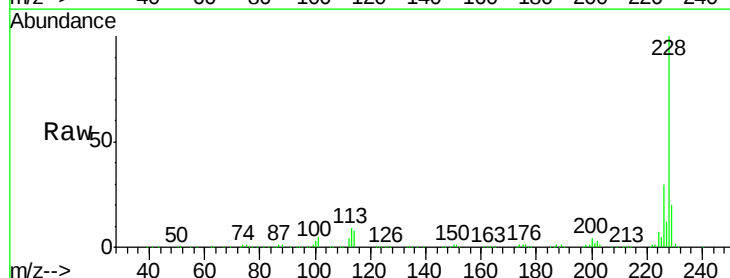
Tgt Ion:228 Resp: 436488

Ion Ratio Lower Upper

228 100

226 30.1 25.4 38.2

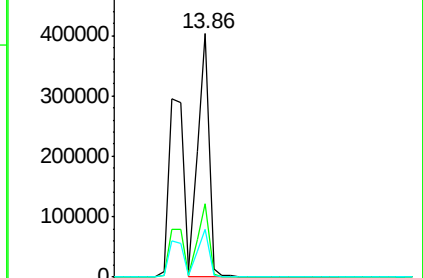
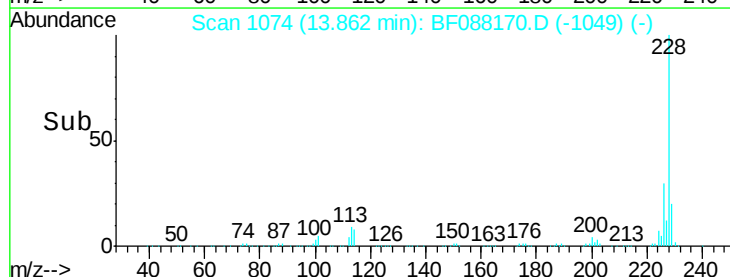
229 19.5 16.3 24.5

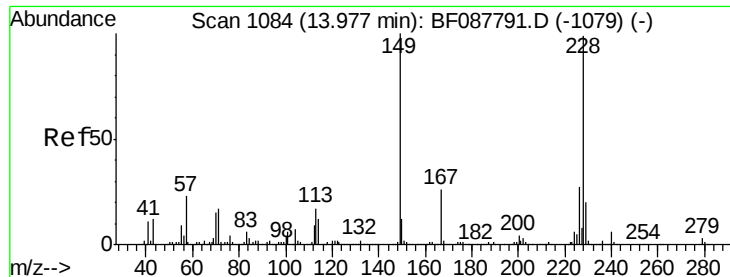


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 49.12 ng

RT: 13.82 min Scan# 1070

Delta R.T. -0.02 min

Lab File: BF088170.D

Acq: 19 Jun 2016 9:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

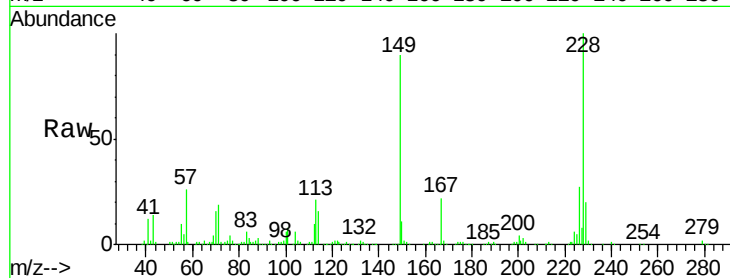
Tgt Ion:149 Resp: 336185

Ion Ratio Lower Upper

149 100

167 24.2 20.5 30.7

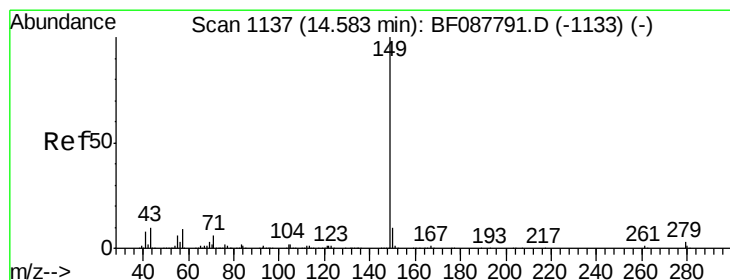
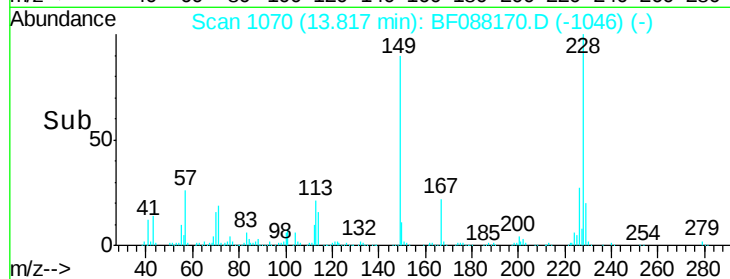
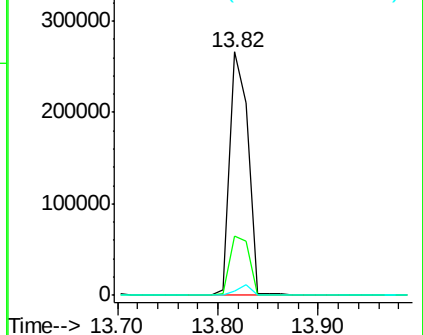
279 2.0 2.0 3.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 56.48 ng

RT: 14.43 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BF088170.D

Acq: 19 Jun 2016 9:04

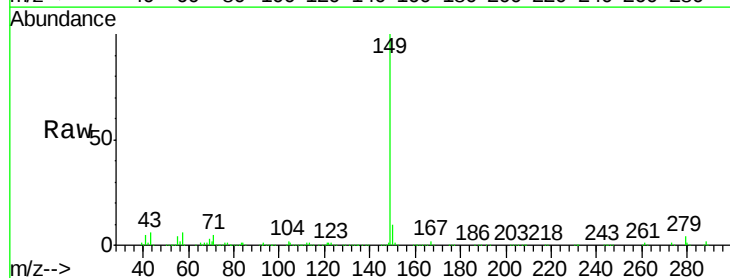
Tgt Ion:149 Resp: 628150

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

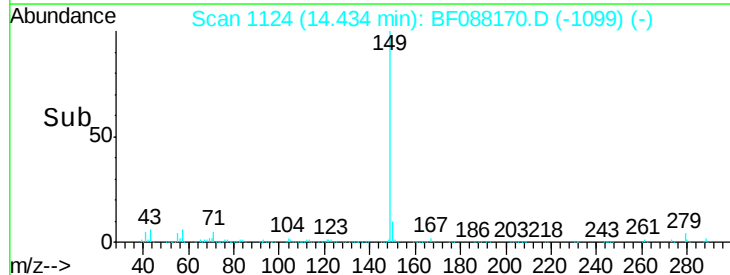
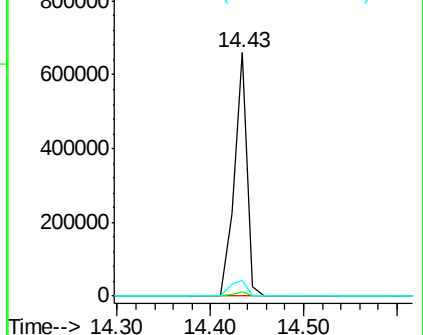
43 8.5 0.0 0.0#

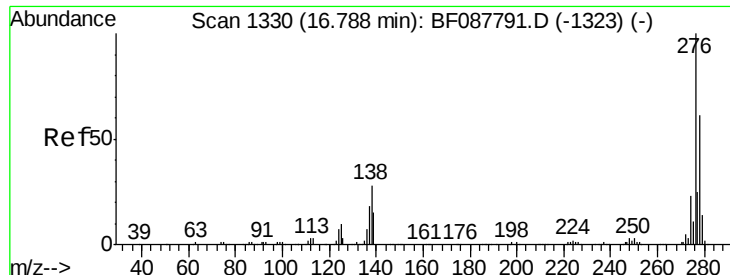


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

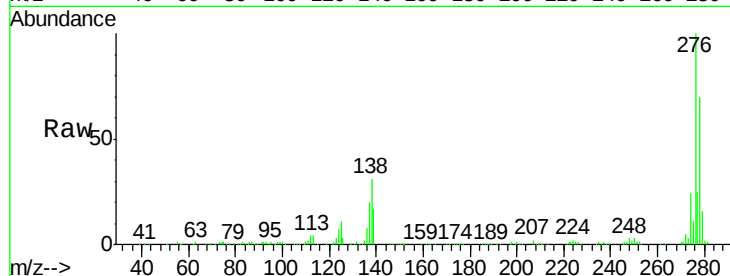




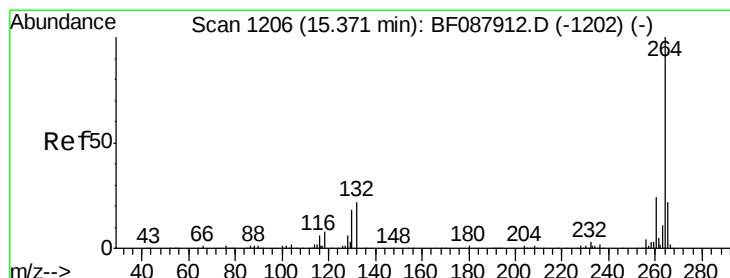
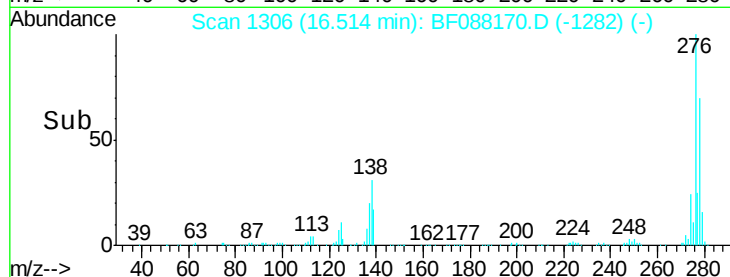
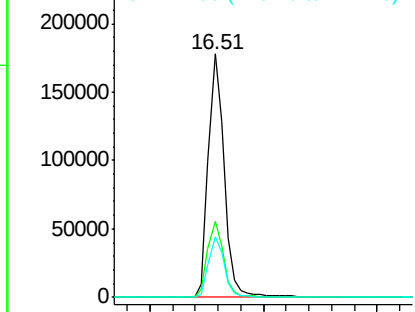
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.70 ng
 RT: 16.51 min Scan# 1306
 Delta R.T. -0.02 min
 Lab File: BF088170.D
 Acq: 19 Jun 2016 9:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.7	0.0	0.0#
277	24.8	0.0	0.0#

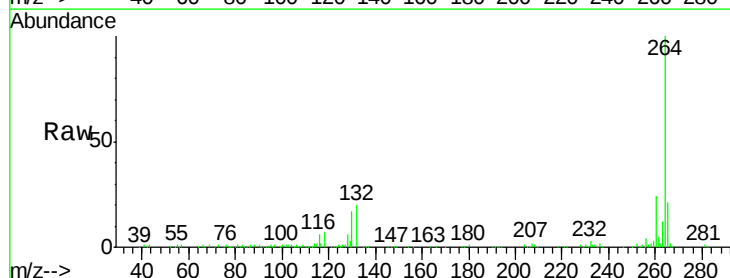


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

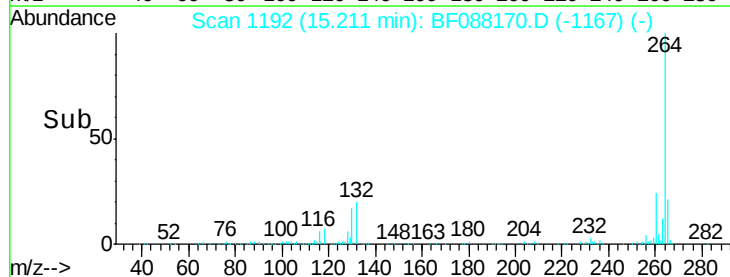
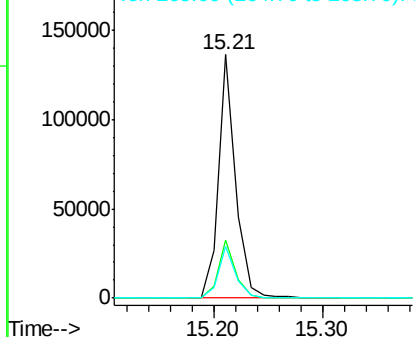


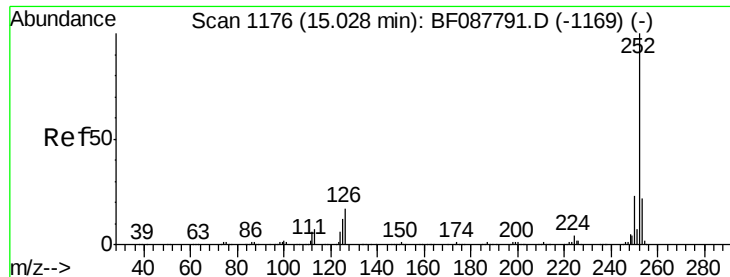
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF088170.D
 Acq: 19 Jun 2016 9:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.1	16.9	25.3



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

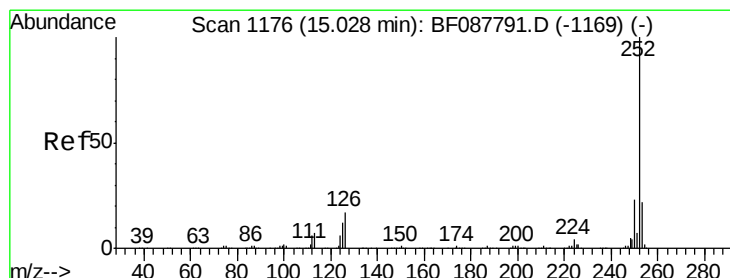
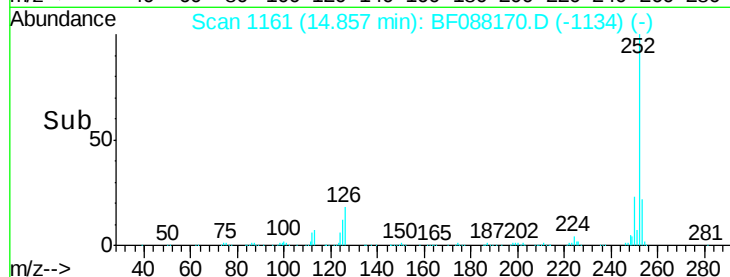
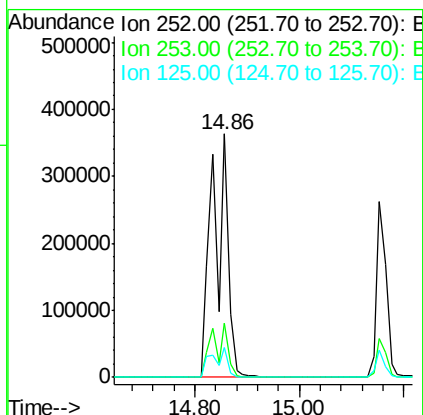
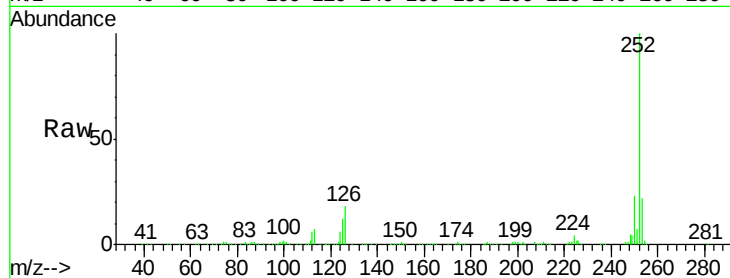




#87
Benzo(b)fluoranthene
Concen: 70.73 ng
RT: 14.86 min Scan# 1161
Delta R.T. 0.01 min
Lab File: BF088170.D
Acq: 19 Jun 2016 9:04

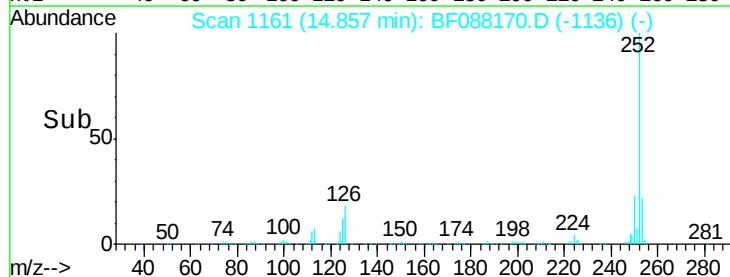
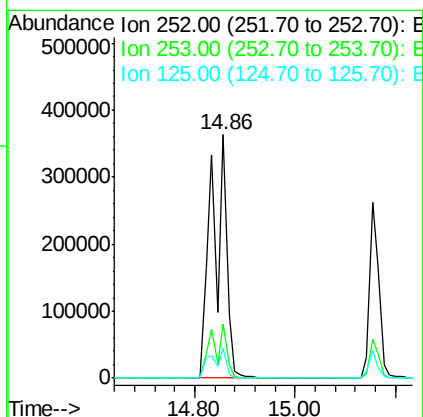
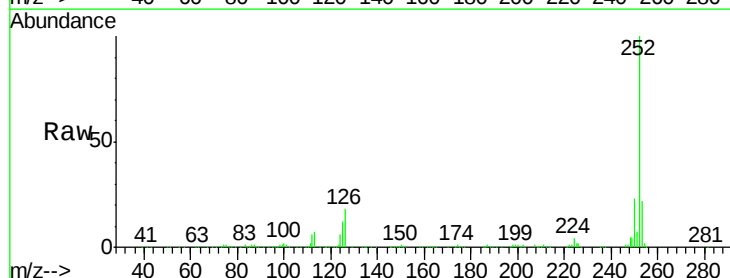
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

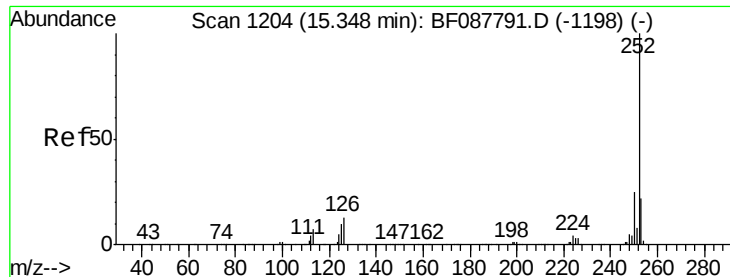
Tgt Ion:252 Resp: 740557
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 12.3 7.1 10.7#



#88
Benzo(k)fluoranthene
Concen: 93.76 ng
RT: 14.86 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BF088170.D
Acq: 19 Jun 2016 9:04

Tgt Ion:252 Resp: 740565
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 12.3 11.2 16.8





#89

Benzo(a)pyrene

Concen: 40.48 ng

RT: 15.15 min Scan# 1187

Delta R.T. -0.02 min

Lab File: BF088170.D

Acq: 19 Jun 2016 9:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

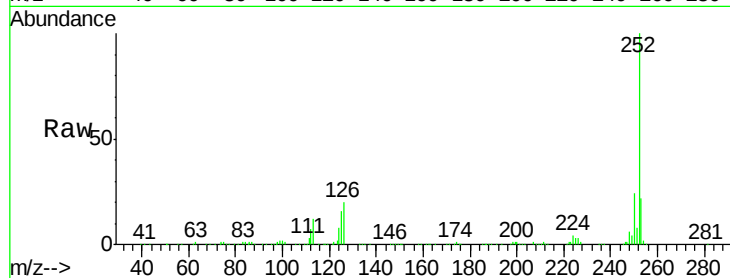
Tgt Ion:252 Resp: 342949

Ion Ratio Lower Upper

252 100

253 22.0 17.9 26.9

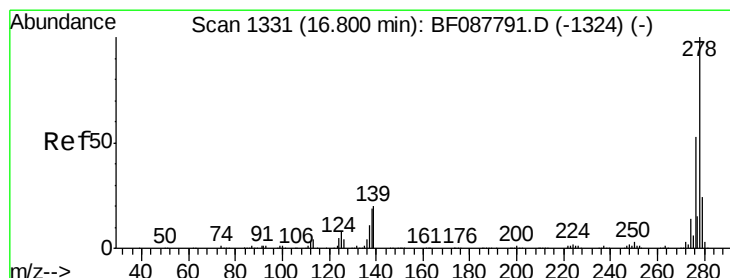
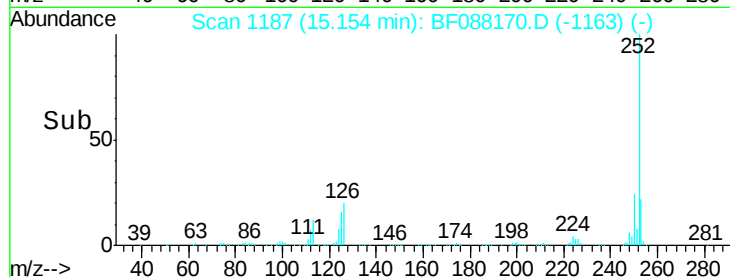
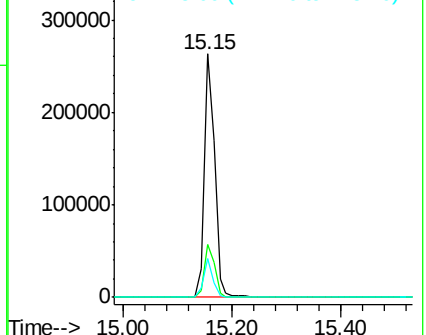
125 15.8 12.5 18.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 36.68 ng

RT: 16.53 min Scan# 1307

Delta R.T. -0.02 min

Lab File: BF088170.D

Acq: 19 Jun 2016 9:04

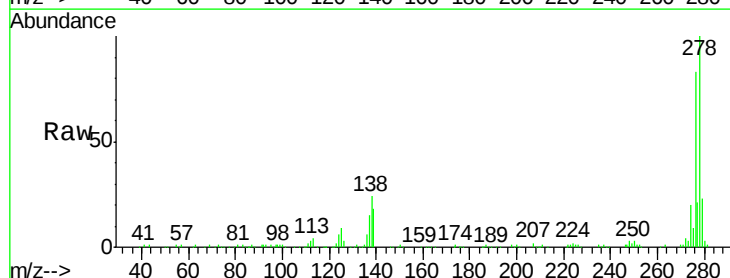
Tgt Ion:278 Resp: 288631

Ion Ratio Lower Upper

278 100

139 17.9 15.7 23.5

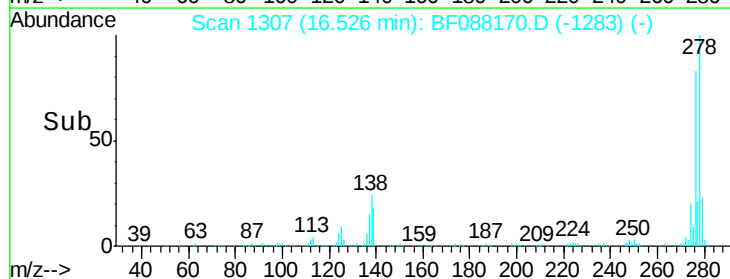
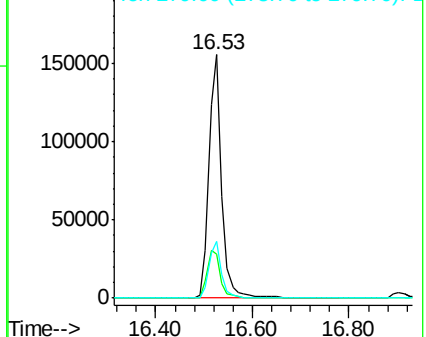
279 23.3 19.4 29.2

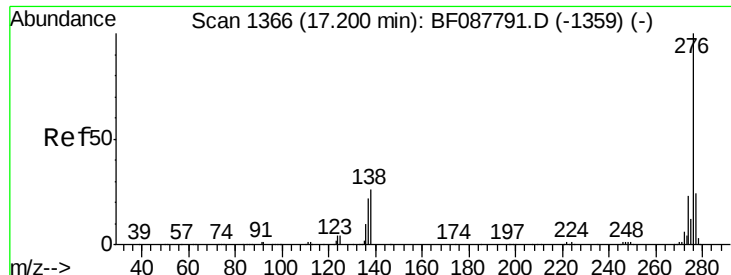


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 35.75 ng

RT: 16.90 min Scan# 1340

Delta R.T. -0.03 min

Lab File: BF088170.D

Acq: 19 Jun 2016 9:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

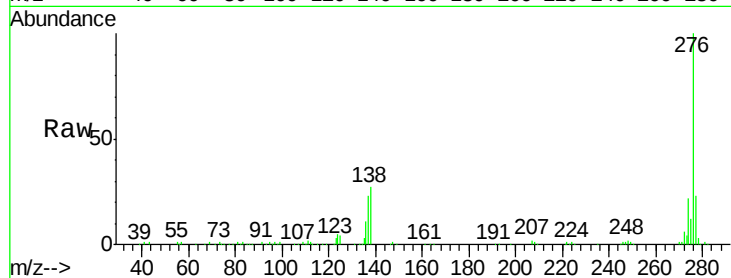
Tgt Ion: 276 Resp: 289334

Ion Ratio Lower Upper

276 100

277 23.4 18.9 28.3

138 26.8 21.4 32.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

