

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062116\
 Data File : BF088239.D
 Acq On : 22 Jun 2016 4:50
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 22 06:45:59 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 01:34:10 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	87182	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	346820	20.00	ng	0.00
38) Acenaphthene-d10	9.69	164	157744	20.00	ng	0.00
63) Phenanthrene-d10	11.16	188	293715	20.00	ng	0.00
75) Chrysene-d12	13.79	240	198766	20.00	ng	0.00
86) Perylene-d12	15.17	264	170164	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	406768	79.76	ng	-0.01
7) Phenol-d6	6.31	99	446950	72.32	ng	0.00
23) Nitrobenzene-d5	7.22	82	432967	72.90	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	111549	66.97	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	753005	74.29	ng	0.00
78) Terphenyl-d14	12.75	244	716940	82.08	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.09	88	98750	39.85	ng	# 45
3) Pyridine	2.75	79	237708	40.63	ng	92
4) n-Nitrosodimethylamine	2.71	42	81108	32.73	ng	81
6) Aniline	6.32	93	309716	35.21	ng	# 44
8) 2-Chlorophenol	6.44	128	227959	37.77	ng	# 81
9) Benzaldehyde	6.19	77	143824	36.00	ng	85
10) Phenol	6.32	94	260883	40.64	ng	# 49
11) bis(2-Chloroethyl)ether	6.40	93	232282	42.86	ng	85
12) 1,3-Dichlorobenzene	6.82	146	234505	36.21	ng	98
13) 1,4-Dichlorobenzene	6.67	146	246868	37.84	ng	96
14) 1,2-Dichlorobenzene	6.67	146	246868	41.61	ng	99
15) Benzyl Alcohol	6.81	79	160693	33.23	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.95	45	244569	33.40	ng	77
17) 2-Methylphenol	6.94	107	185852	37.97	ng	94
18) Hexachloroethane	7.16	117	88994	38.44	ng	89
19) n-Nitroso-di-n-propylamine	7.08	70	146359	37.02	ng	# 80
20) 3+4-Methylphenols	7.08	107	234292	41.02	ng	# 88
22) Acetophenone	7.07	105	295321	38.10	ng	# 98
24) Nitrobenzene	7.24	77	230319	40.03	ng	94
25) Isophorone	7.48	82	401741	36.52	ng	100
26) 2-Nitrophenol	7.56	139	125703	40.79	ng	# 78
27) 2,4-Dimethylphenol	7.61	122	200227	35.29	ng	96
28) bis(2-Chloroethoxy)methane	7.70	93	280370	41.09	ng	# 97
29) 2,4-Dichlorophenol	7.80	162	190687	40.25	ng	95
30) 1,2,4-Trichlorobenzene	7.88	180	199297	38.63	ng	98
31) Naphthalene	7.96	128	639080	37.24	ng	99
32) Benzoic acid	7.76	122	96832	30.99	ng	95
33) 4-Chloroaniline	8.02	127	287250	37.48	ng	# 93
34) Hexachlorobutadiene	8.08	225	104501	38.41	ng	99
35) Caprolactam	8.40	113	59634	38.00	ng	# 86
36) 4-Chloro-3-methylphenol	8.51	107	194337	38.36	ng	98
37) 2-Methylnaphthalene	8.65	142	431833	38.17	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	183062	44.38	ng	# 1
40) Hexachlorocyclopentadiene	8.80	237	77353	30.40	ng	99

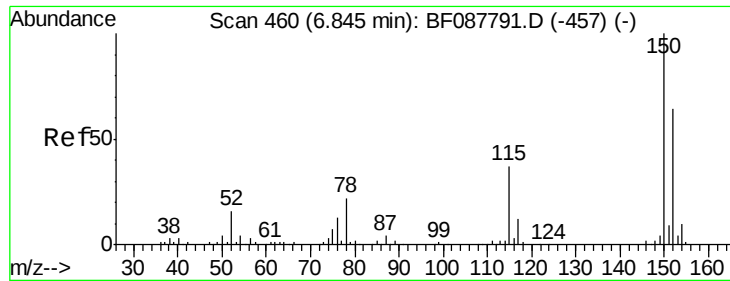
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062116\
 Data File : BF088239.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.94	196	116113	36.81	ng	96
43) 2,4,5-Trichlorophenol	8.98	196	123659	37.68	ng #	88
45) 1,1'-Biphenyl	9.12	154	542763	45.97	ng	96
46) 2-Chloronaphthalene	9.14	162	407113	39.88	ng	95
47) 2-Nitroaniline	9.24	65	113845	37.81	ng	86
48) Acenaphthylene	9.55	152	620019	38.19	ng	99
49) Dimethylphthalate	9.43	163	454270	39.76	ng	100
50) 2,6-Dinitrotoluene	9.48	165	103777	39.66	ng #	60
51) Acenaphthene	9.72	154	374323	36.96	ng	98
52) 3-Nitroaniline	9.66	138	109015	36.10	ng	99
53) 2,4-Dinitrophenol	9.78	184	52010	42.03	ng #	81
54) Dibenzofuran	9.90	168	521979	37.42	ng	91
55) 4-Nitrophenol	9.85	139	78719	33.59	ng #	72
56) 2,4-Dinitrotoluene	9.90	165	126173	37.52	ng #	66
57) Fluorene	10.24	166	436697	46.49	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.02	232	97589	37.84	ng #	58
59) Diethylphthalate	10.12	149	471705	40.78	ng	100
60) 4-Chlorophenyl-phenylether	10.23	204	173934	37.49	ng	95
61) 4-Nitroaniline	10.27	138	107724	37.61	ng	98
62) Azobenzene	10.39	77	439981	38.47	ng	95
64) 4,6-Dinitro-2-methylphenol	10.31	198	62492	34.71	ng #	64
65) n-Nitrosodiphenylamine	10.35	169	379707	38.96	ng	99
66) 4-Bromophenyl-phenylether	10.72	248	119827	38.03	ng	97
67) Hexachlorobenzene	10.78	284	119929	36.63	ng #	89
68) Atrazine	10.89	200	114524	38.81	ng	98
69) Pentachlorophenol	10.98	266	64834	37.57	ng	96
70) Phenanthrene	11.19	178	597497	38.77	ng	99
71) Anthracene	11.24	178	627336	40.35	ng	99
72) Carbazole	11.40	167	580455	39.90	ng	99
73) Di-n-butylphthalate	11.74	149	686711	37.29	ng	99
74) Fluoranthene	12.38	202	630075	38.74	ng	97
76) Benzidine	12.50	184	233665	42.46	ng	98
77) Pyrene	12.61	202	633397	42.94	ng	98
79) Butylbenzylphthalate	13.22	149	279424	42.85	ng	88
80) Benzo(a)anthracene	13.78	228	438569	38.72	ng	100
81) 3,3'-Dichlorobenzidine	13.75	252	134943	44.30	ng #	97
82) Chrysene	13.83	228	466899	43.81	ng	97
83) Bis(2-ethylhexyl)phthalate	13.78	149	328480	41.38	ng	99
84) Di-n-octyl phthalate	14.39	149	550824	42.70	ng #	100
85) Indeno(1,2,3-cd)pyrene	16.46	276	412156	41.63	ng #	100
87) Benzo(b)fluoranthene	14.79	252	793376	66.89	ng #	93
88) Benzo(k)fluoranthene	14.79	252	793386	88.68	ng	98
89) Benzo(a)pyrene	15.12	252	385574	40.18	ng #	94
90) Dibenzo(a,h)anthracene	16.46	278	344565	38.66	ng	97
91) Benzo(g,h,i)perylene	16.83	276	362133	39.50	ng	97

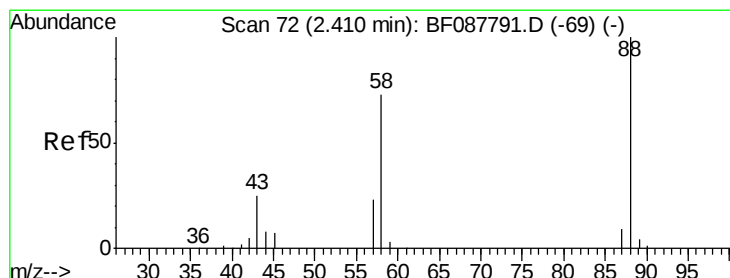
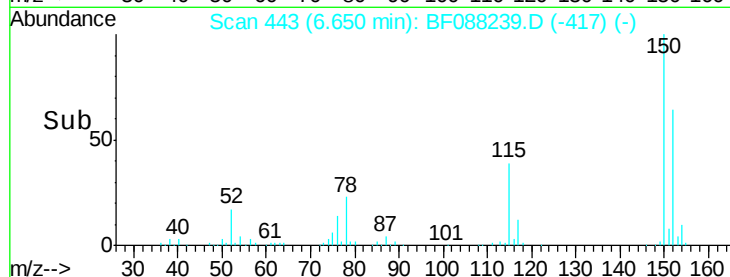
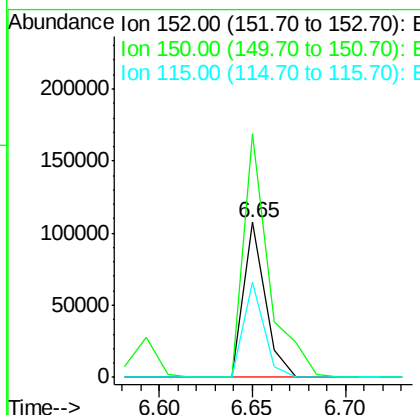
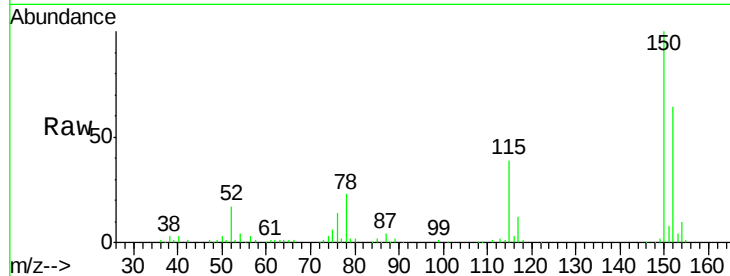
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.65 min Scan# 443
 Delta R.T. 0.00 min
 Lab File: BF088239.D
 Acq: 22 Jun 2016 4:50

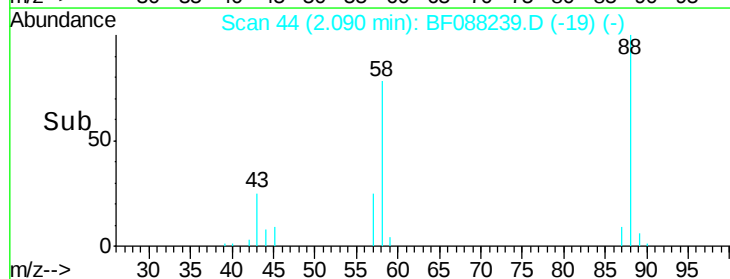
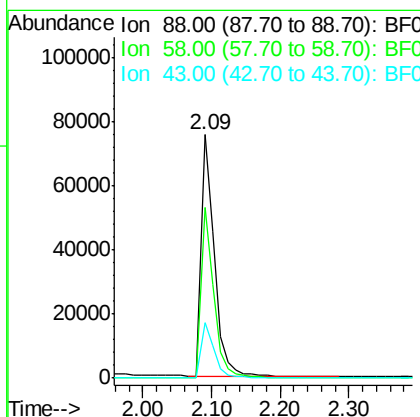
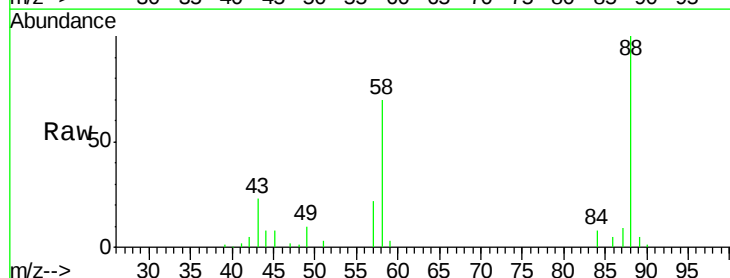
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

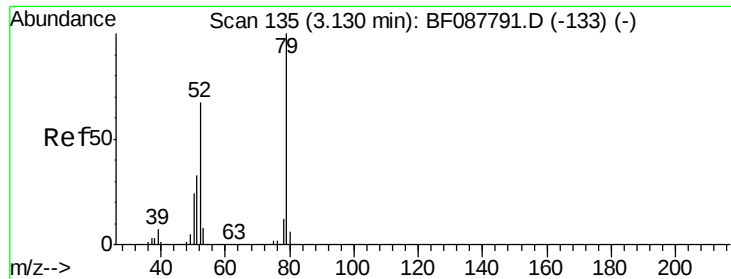
Tgt Ion:152 Resp: 87182
 Ion Ratio Lower Upper
 152 100
 150 157.4 123.8 185.6
 115 61.1 39.6 59.4#



#2
 1,4-Dioxane
 Concen: 39.85 ng
 RT: 2.09 min Scan# 44
 Delta R.T. -0.01 min
 Lab File: BF088239.D
 Acq: 22 Jun 2016 4:50

Tgt Ion: 88 Resp: 98750
 Ion Ratio Lower Upper
 88 100
 58 67.2 0.0 0.0#
 43 22.4 3.4 5.2#

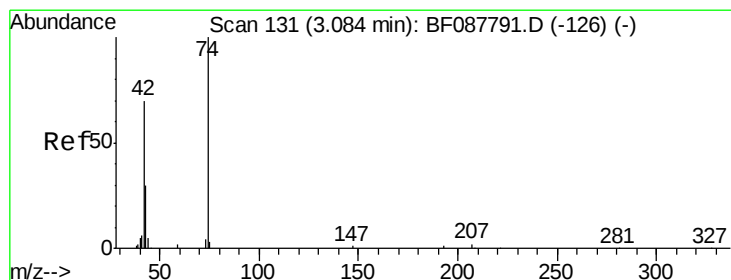
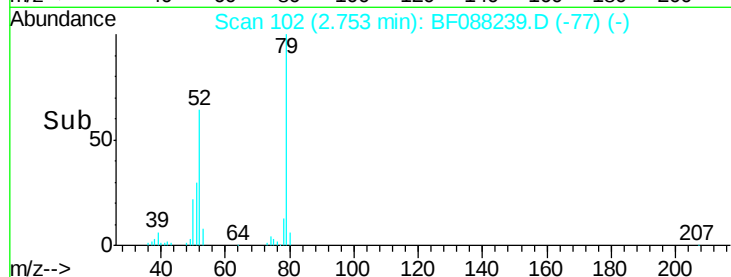
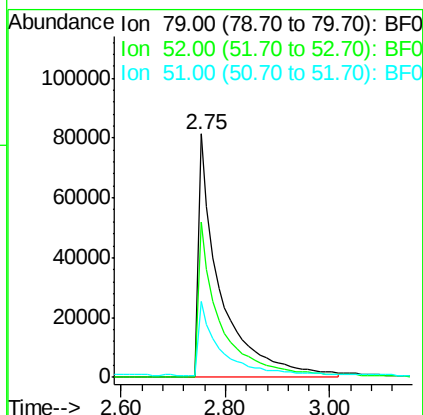
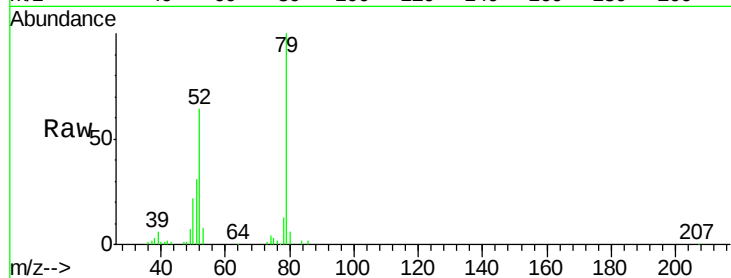




#3
 Pyridine
 Concen: 40.63 ng
 RT: 2.75 min Scan# 102
 Delta R.T. -0.01 min
 Lab File: BF088239.D
 Acq: 22 Jun 2016 4:50

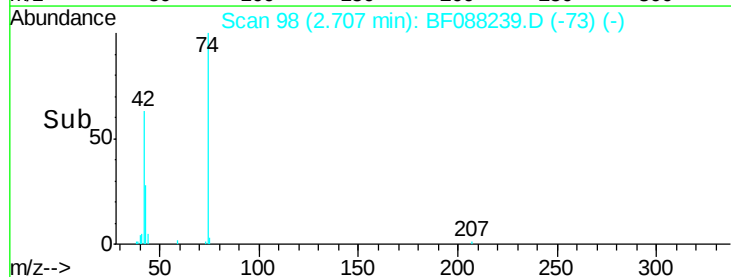
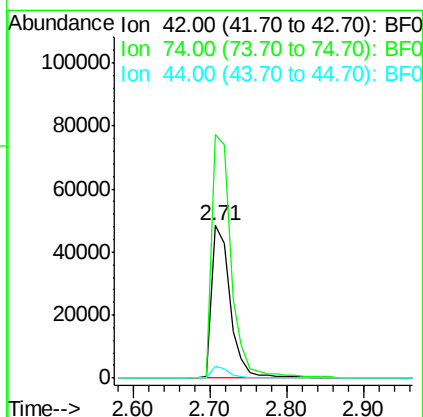
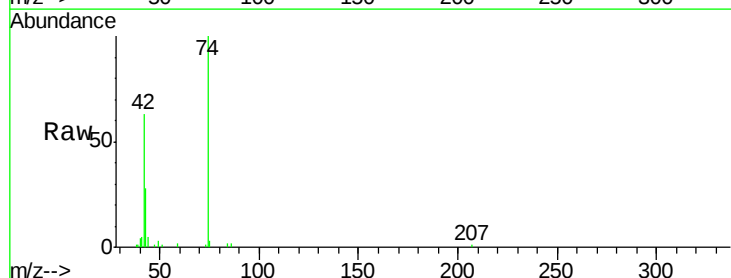
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion: 79 Resp: 237708
 Ion Ratio Lower Upper
 79 100
 52 63.5 56.3 84.5
 51 30.9 27.4 41.2



#4
 n-Nitrosodimethylamine
 Concen: 32.73 ng
 RT: 2.71 min Scan# 98
 Delta R.T. -0.01 min
 Lab File: BF088239.D
 Acq: 22 Jun 2016 4:50

Tgt Ion: 42 Resp: 81108
 Ion Ratio Lower Upper
 42 100
 74 160.0 108.6 163.0
 44 7.5 5.5 8.3





#5

2-Fluorophenol

Concen: 79.76 ng

RT: 5.23 min Scan# 319

Delta R.T. -0.01 min

Lab File: BF088239.D

Acq: 22 Jun 2016 4:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

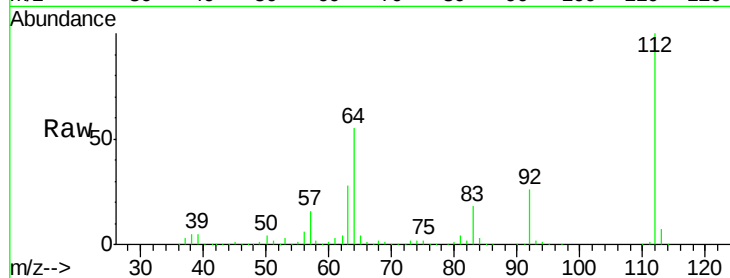
Tgt Ion: 112 Resp: 406768

Ion Ratio Lower Upper

112 100

64 55.0 42.2 63.2

63 28.0 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

5.23

400000

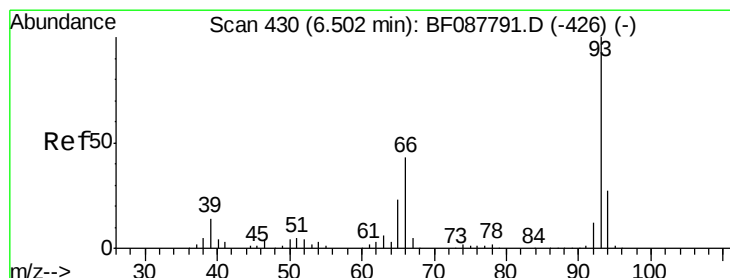
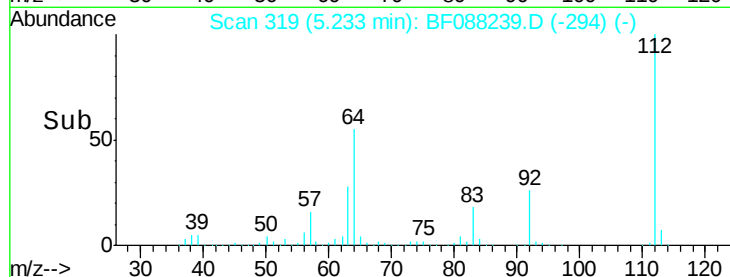
300000

200000

100000

0

Time-->



#6

Aniline

Concen: 35.21 ng

RT: 6.32 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF088239.D

Acq: 22 Jun 2016 4:50

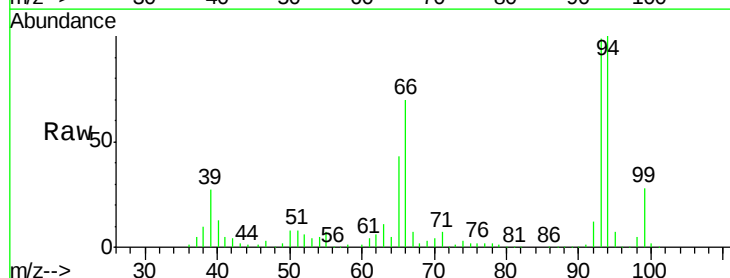
Tgt Ion: 93 Resp: 309716

Ion Ratio Lower Upper

93 100

66 70.9 29.8 44.8#

65 43.8 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

6.32

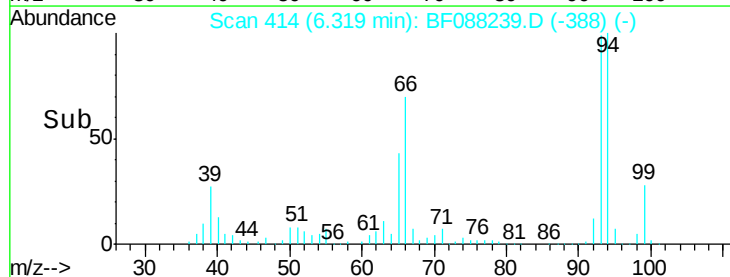
300000

200000

100000

0

Time-->





#7

Phenol-d6

Concen: 72.32 ng

RT: 6.31 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF088239.D

Acq: 22 Jun 2016 4:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

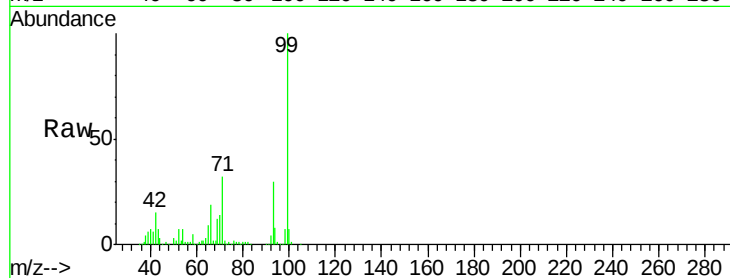
Tgt Ion: 99 Resp: 446950

Ion Ratio Lower Upper

99 100

42 15.0 12.2 18.2

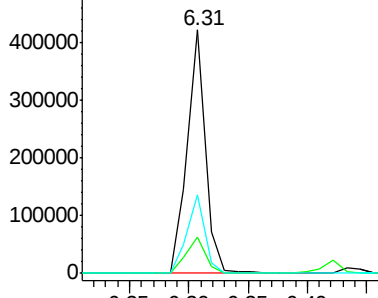
71 32.3 23.4 35.0



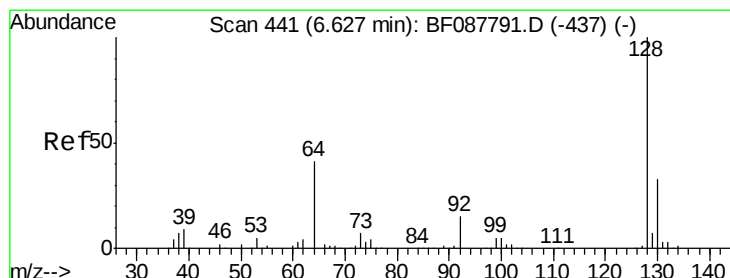
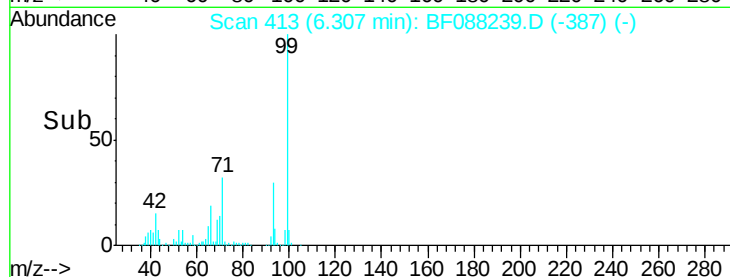
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#8

2-Chlorophenol

Concen: 37.77 ng

RT: 6.44 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF088239.D

Acq: 22 Jun 2016 4:50

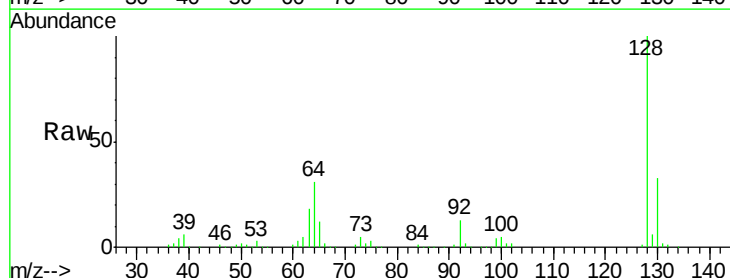
Tgt Ion: 128 Resp: 227959

Ion Ratio Lower Upper

128 100

130 33.2 12.0 52.0

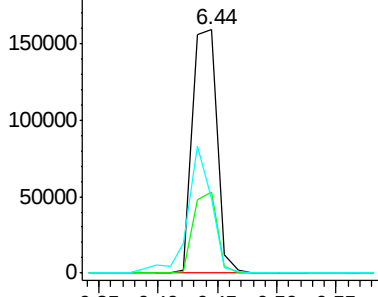
64 30.6 30.8 70.8#



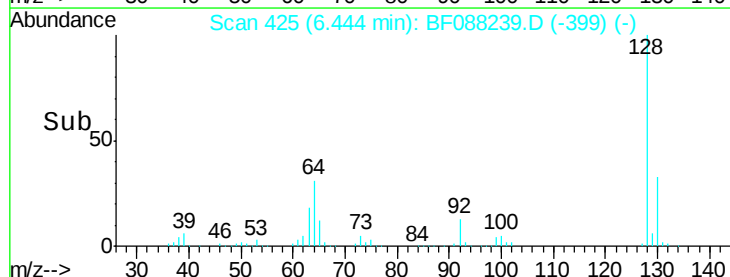
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



Time-->





#9

Benzaldehyde

Concen: 36.00 ng

RT: 6.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF088239.D

Acq: 22 Jun 2016 4:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

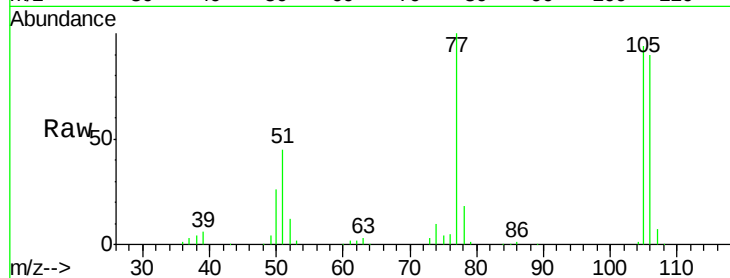
Tgt Ion: 77 Resp: 143824

Ion Ratio Lower Upper

77 100

105 94.1 90.6 130.6

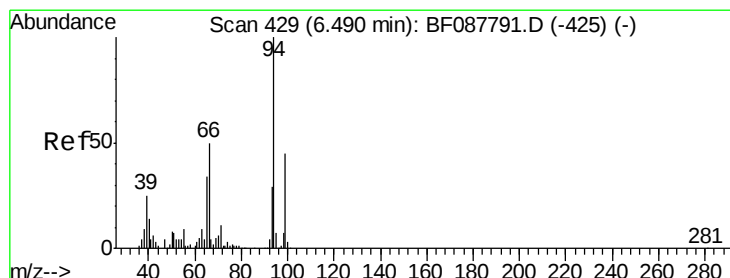
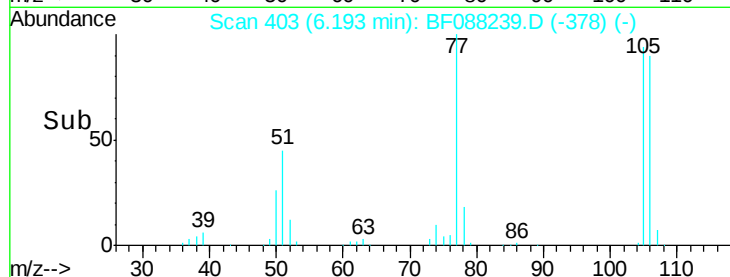
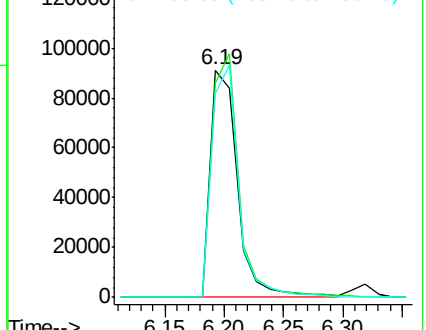
106 89.5 85.3 125.3



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: 40.64 ng

RT: 6.32 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF088239.D

Acq: 22 Jun 2016 4:50

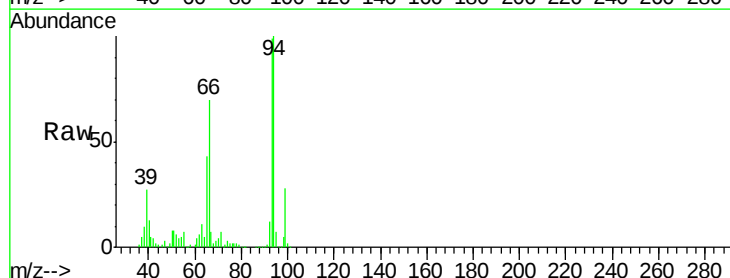
Tgt Ion: 94 Resp: 260883

Ion Ratio Lower Upper

94 100

65 43.4 5.9 45.9

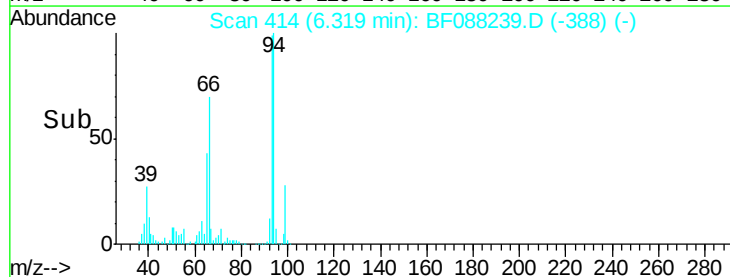
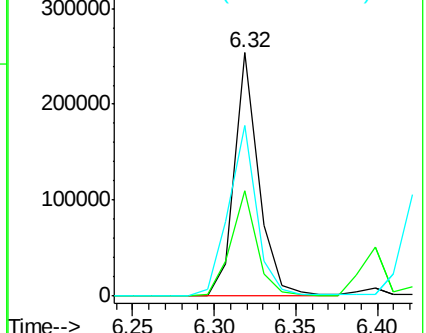
66 70.3 14.0 54.0#



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

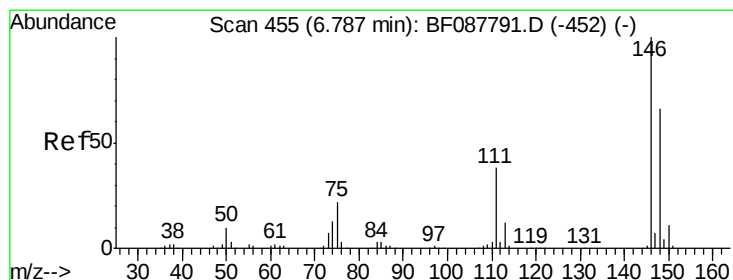
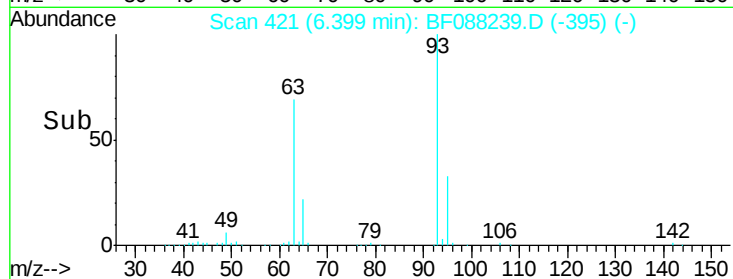
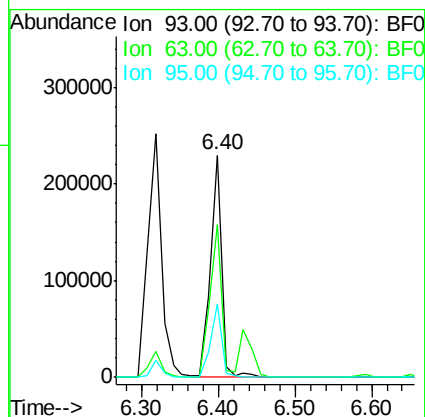
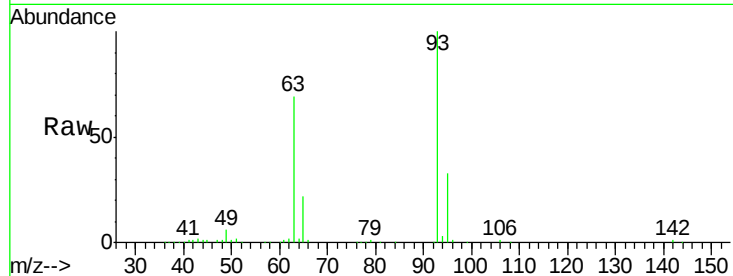




#11
bis(2-Chloroethyl)ether
Concen: 42.86 ng
RT: 6.40 min Scan# 421
Delta R.T. 0.00 min
Lab File: BF088239.D
Acq: 22 Jun 2016 4:50

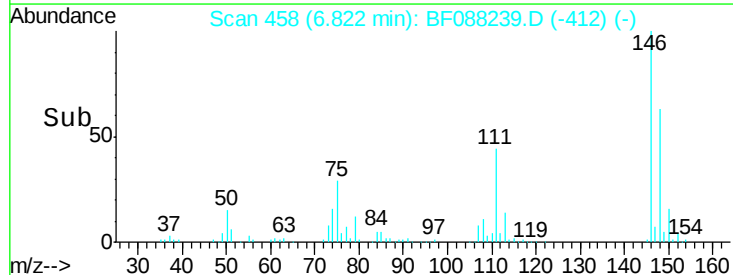
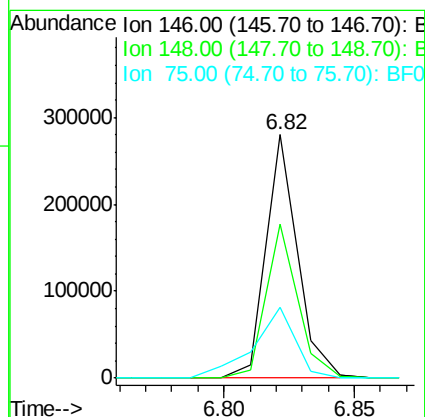
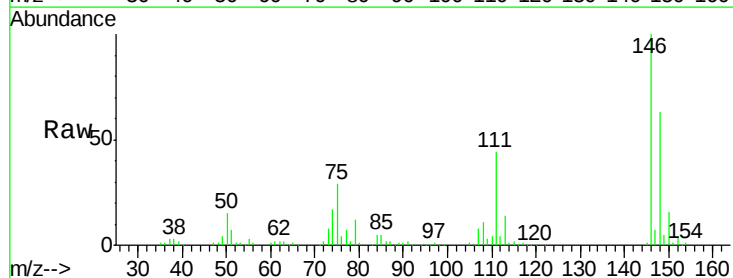
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 232282
Ion Ratio Lower Upper
93 100
63 68.7 67.6 107.6
95 32.7 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 36.21 ng
RT: 6.82 min Scan# 458
Delta R.T. 0.23 min
Lab File: BF088239.D
Acq: 22 Jun 2016 4:50

Tgt Ion: 146 Resp: 234505
Ion Ratio Lower Upper
146 100
148 63.4 50.9 76.3
75 29.2 25.6 38.4

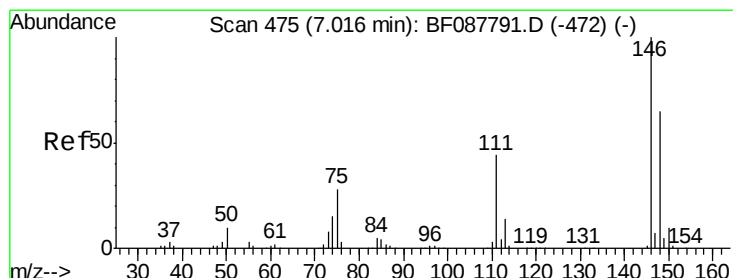
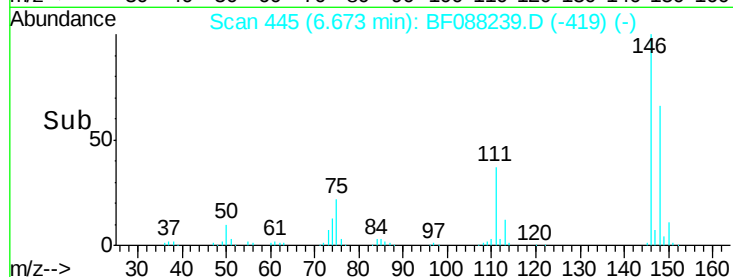
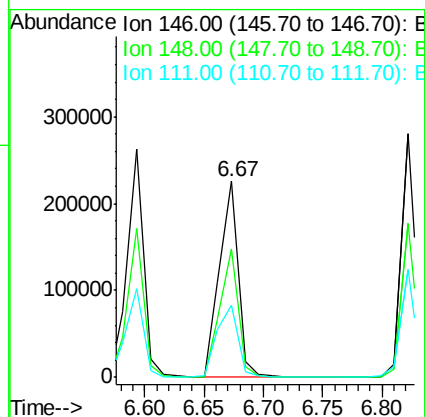
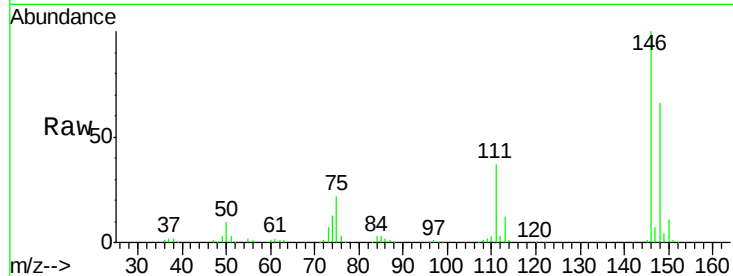




#13
 1,4-Dichlorobenzene
 Concen: 37.84 ng
 RT: 6.67 min Scan# 445
 Delta R.T. 0.00 min
 Lab File: BF088239.D
 Acq: 22 Jun 2016 4:50

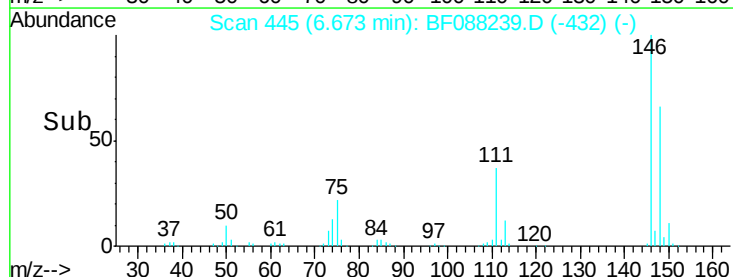
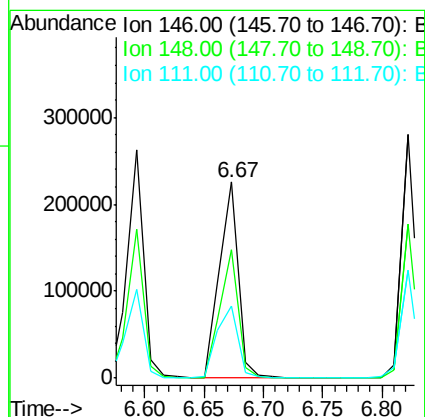
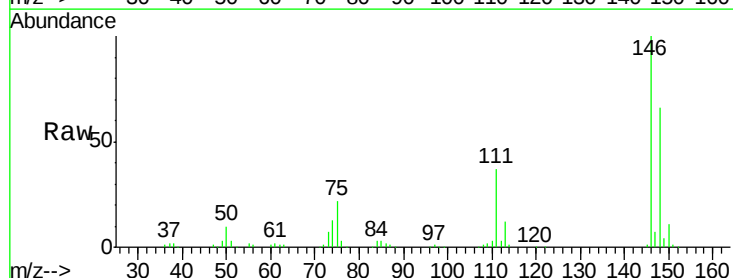
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

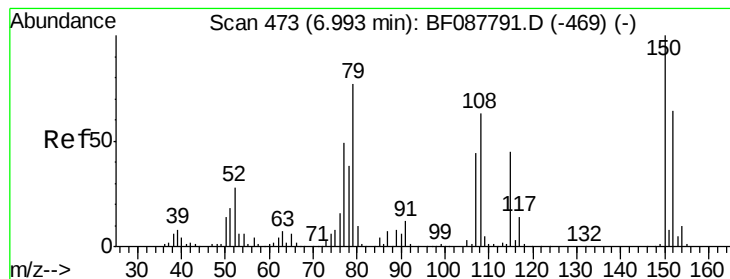
Tgt Ion:146 Resp: 246868
 Ion Ratio Lower Upper
 146 100
 148 65.9 52.0 78.0
 111 36.9 33.8 50.8



#14
 1,2-Dichlorobenzene
 Concen: 41.61 ng
 RT: 6.67 min Scan# 445
 Delta R.T. -0.15 min
 Lab File: BF088239.D
 Acq: 22 Jun 2016 4:50

Tgt Ion:146 Resp: 246868
 Ion Ratio Lower Upper
 146 100
 148 65.9 52.3 78.5
 111 36.9 28.7 43.1





#15

Benzyl Alcohol

Concen: 33.23 ng

RT: 6.81 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF088239.D

Acq: 22 Jun 2016 4:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

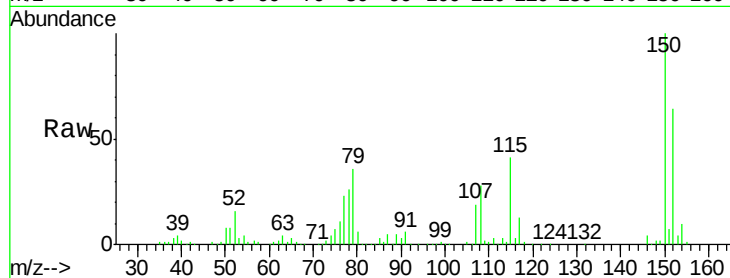
Tgt Ion: 79 Resp: 160693

Ion Ratio Lower Upper

79 100

108 77.2 65.0 97.6

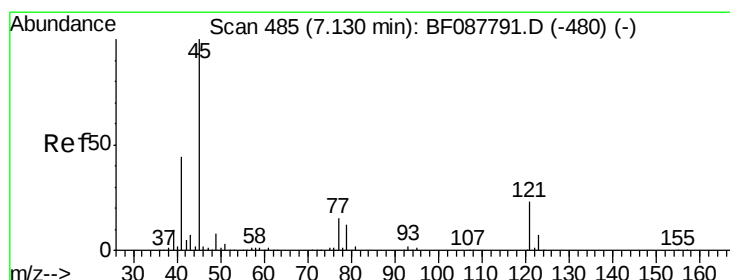
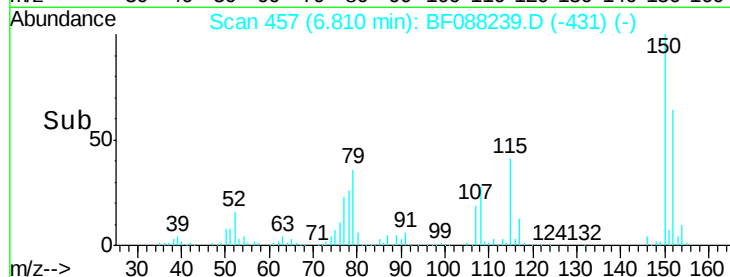
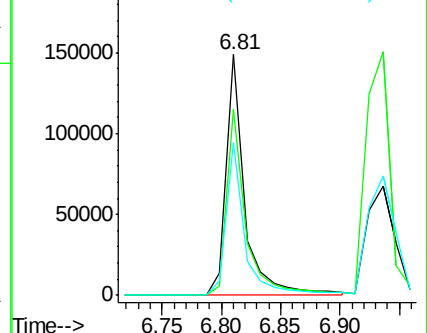
77 63.4 50.3 75.5



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.40 ng

RT: 6.95 min Scan# 469

Delta R.T. 0.00 min

Lab File: BF088239.D

Acq: 22 Jun 2016 4:50

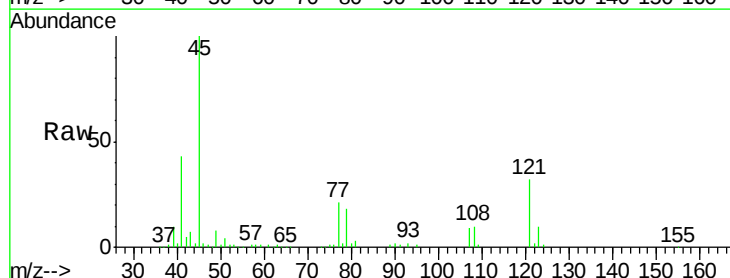
Tgt Ion: 45 Resp: 244569

Ion Ratio Lower Upper

45 100

77 21.4 0.0 32.5

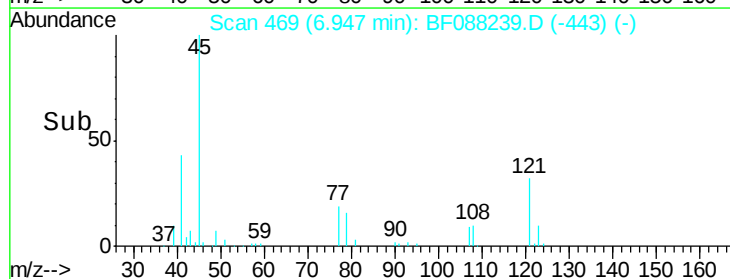
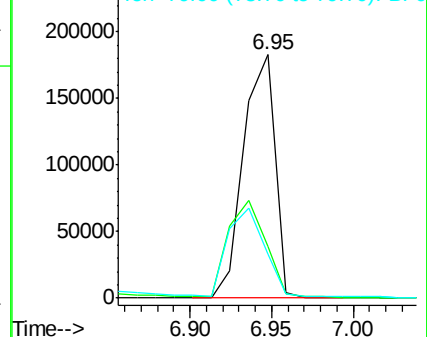
79 17.9 0.0 29.5

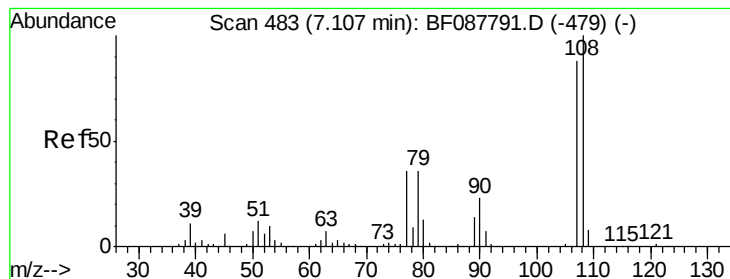


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 37.97 ng

RT: 6.94 min Scan# 468

Delta R.T. 0.00 min

Lab File: BF088239.D

Acq: 22 Jun 2016 4:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 185852

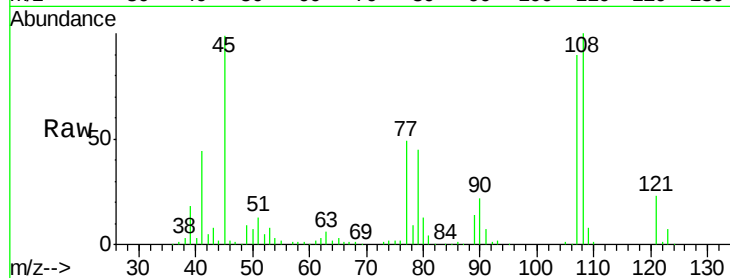
Ion Ratio Lower Upper

107 100

108 111.7 90.9 136.3

77 54.6 36.6 55.0

79 50.3 36.5 54.7

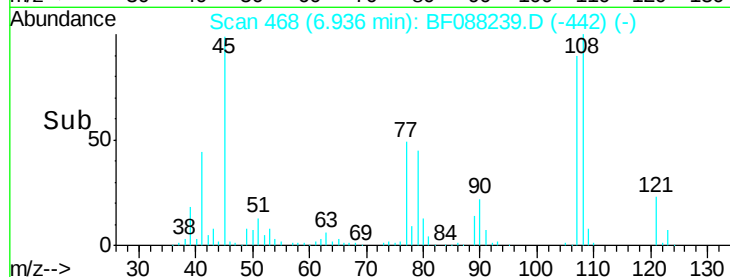


Abundance Ion 107.00 (106.70 to 107.70): E

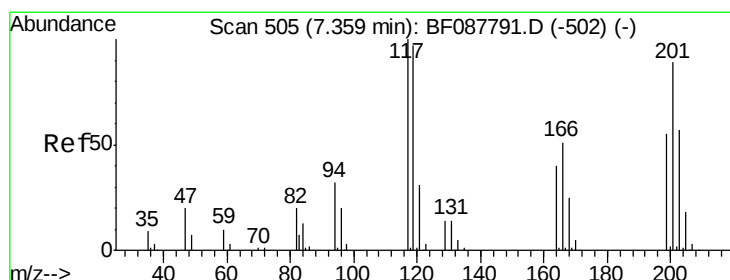
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#18

Hexachloroethane

Concen: 38.44 ng

RT: 7.16 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF088239.D

Acq: 22 Jun 2016 4:50

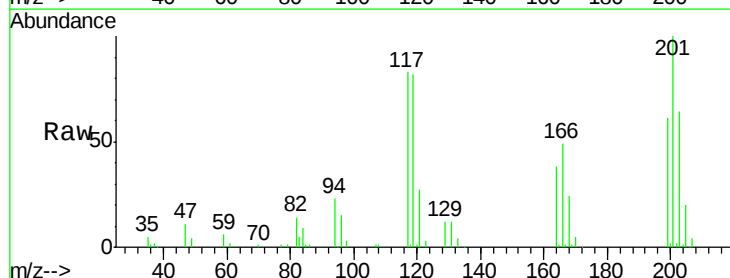
Tgt Ion:117 Resp: 88994

Ion Ratio Lower Upper

117 100

119 98.0 77.4 116.2

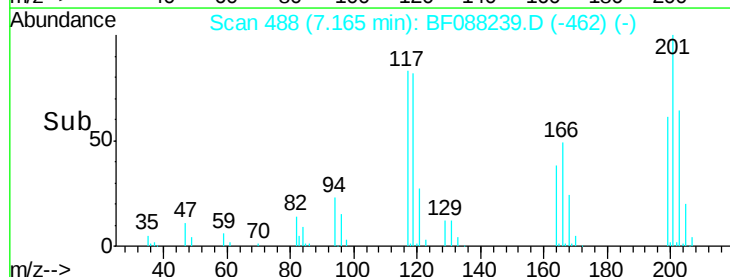
201 120.0 80.4 120.6



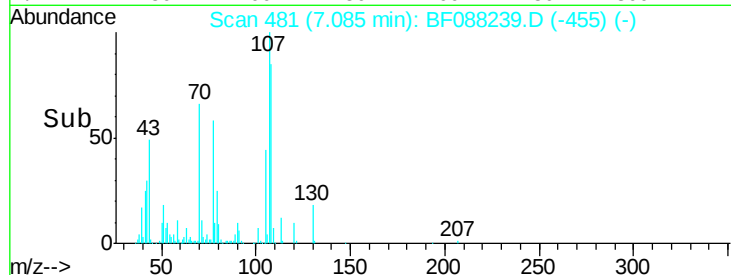
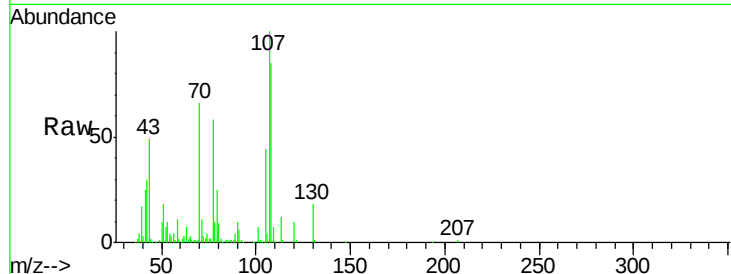
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



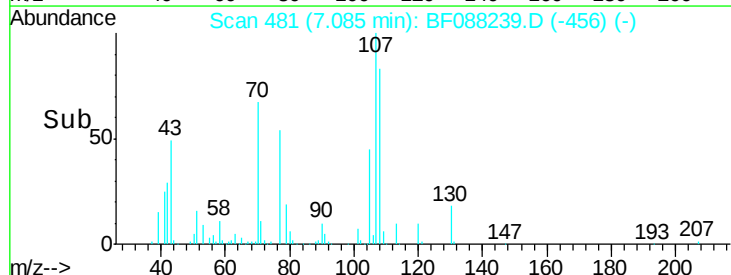
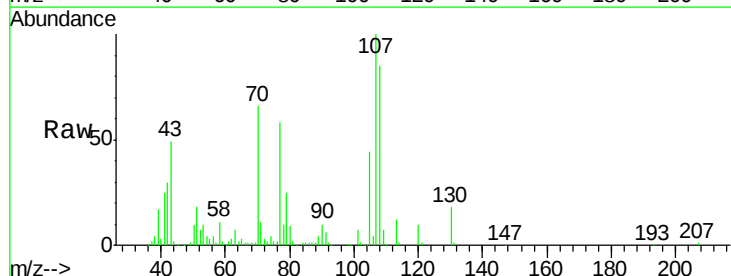
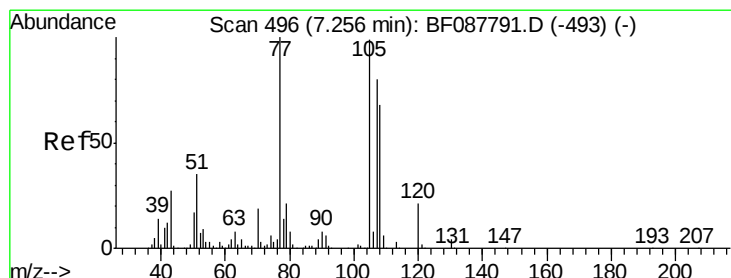
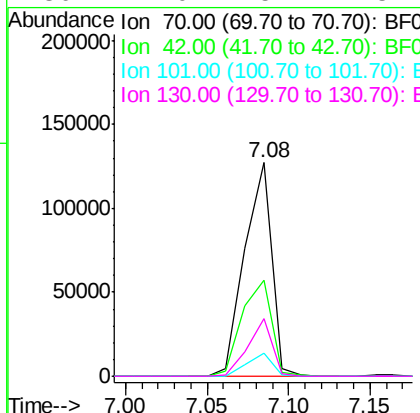
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 37.02 ng
RT: 7.08 min Scan# 481
Delta R.T. 0.00 min
Lab File: BF088239.D
Acq: 22 Jun 2016 4:50

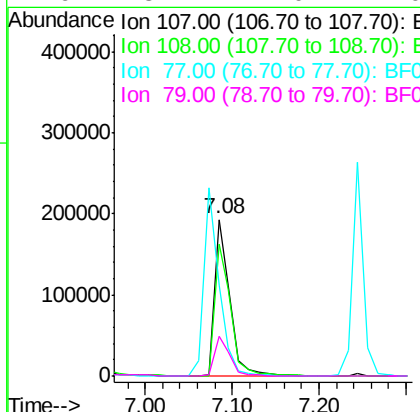
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

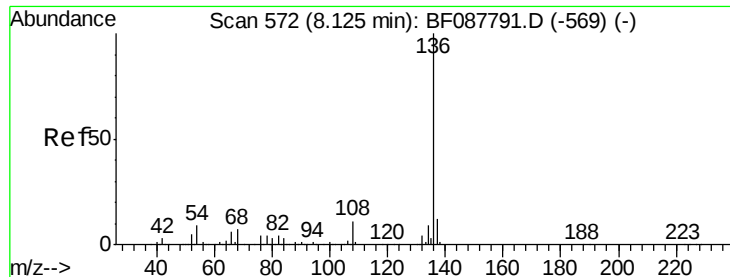
Tgt Ion: 70 Resp: 146359
Ion Ratio Lower Upper
70 100
42 44.7 49.6 74.4#
101 10.9 7.1 10.7#
130 27.0 15.4 23.2#



#20
3+4-Methylphenols
Concen: 41.02 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.01 min
Lab File: BF088239.D
Acq: 22 Jun 2016 4:50

Tgt Ion: 107 Resp: 234292
Ion Ratio Lower Upper
107 100
108 84.6 67.8 107.8
77 57.8 59.3 99.3#
79 25.1 7.0 47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.94 min Scan# 556

Delta R.T. 0.00 min

Lab File: BF088239.D

Acq: 22 Jun 2016 4:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 346820

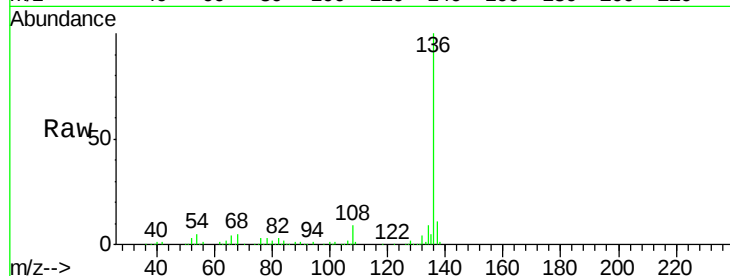
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 5.3 6.6 10.0#

68 4.6 5.1 7.7#

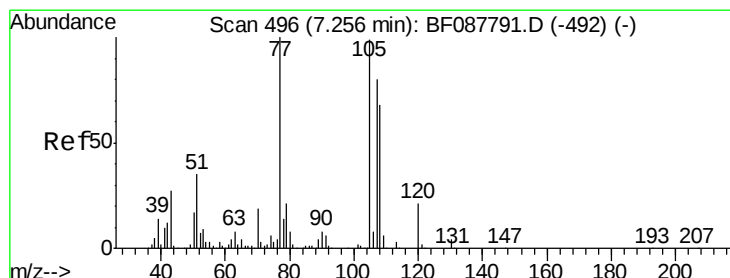
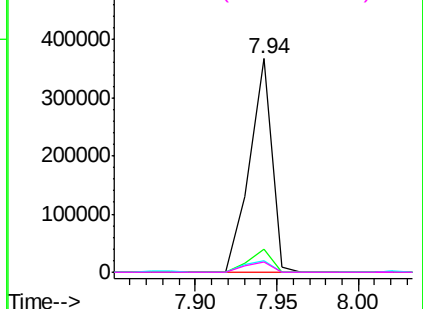
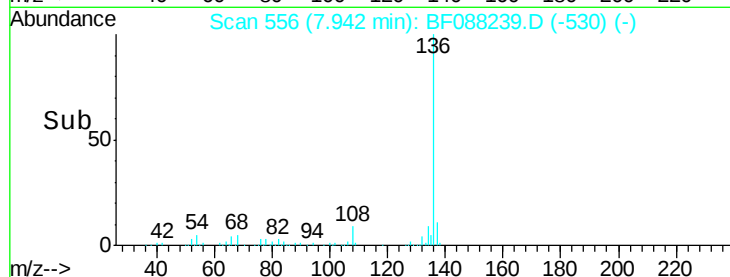


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 38.10 ng

RT: 7.07 min Scan# 480

Delta R.T. 0.00 min

Lab File: BF088239.D

Acq: 22 Jun 2016 4:50

Tgt Ion:105 Resp: 295321

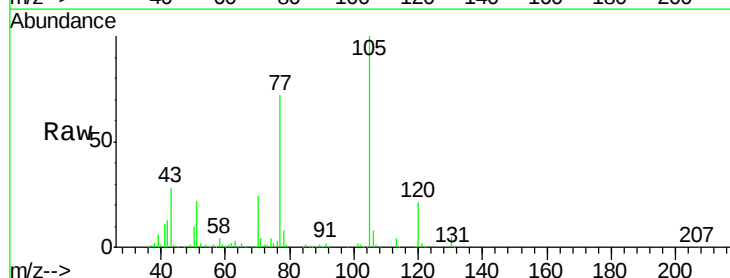
Ion Ratio Lower Upper

105 100

71 4.1 5.3 7.9#

51 22.4 18.2 27.4

120 21.2 18.0 27.0

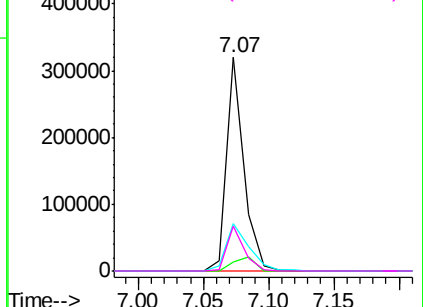
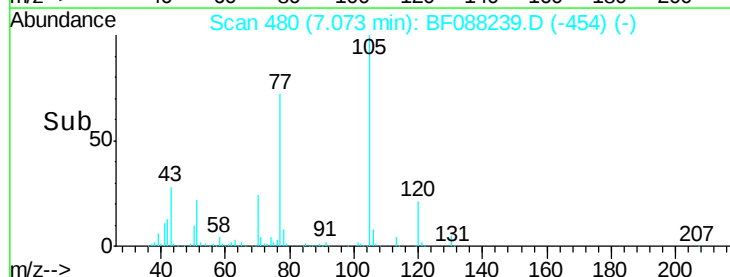


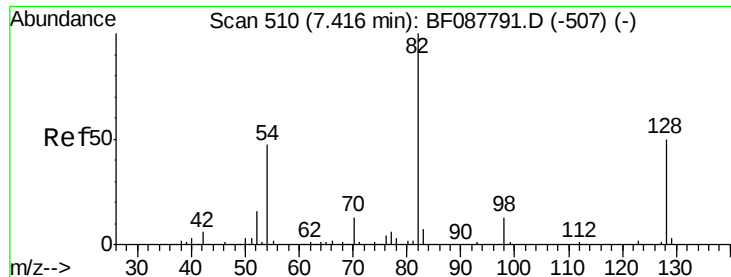
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

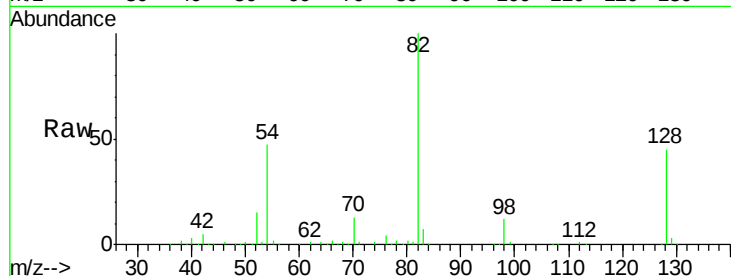




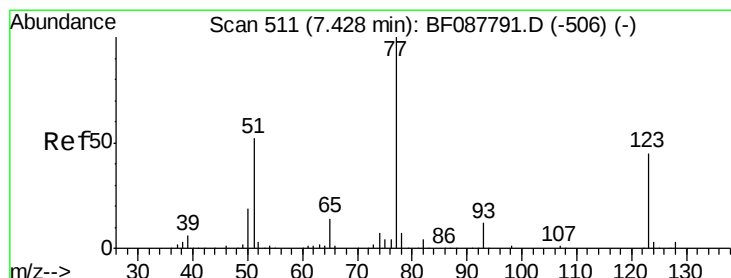
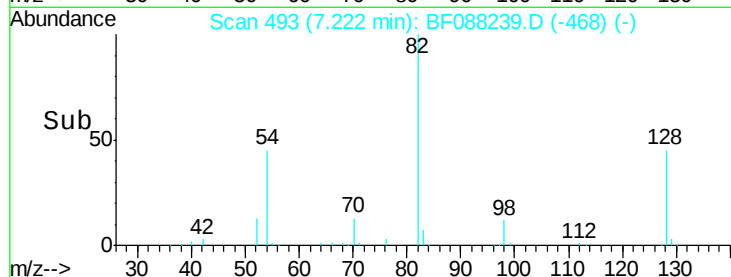
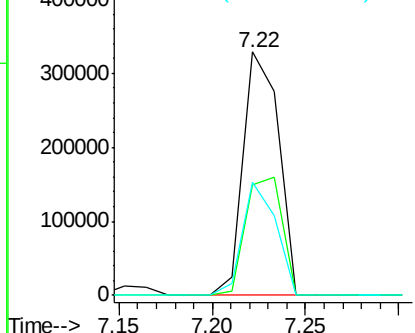
#23
 Nitrobenzene-d5
 Concen: 72.90 ng
 RT: 7.22 min Scan# 493
 Delta R.T. -0.01 min
 Lab File: BF088239.D
 Acq: 22 Jun 2016 4:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 82 Resp: 432967
 Ion Ratio Lower Upper
 82 100
 128 45.3 35.9 53.9
 54 46.6 40.9 61.3

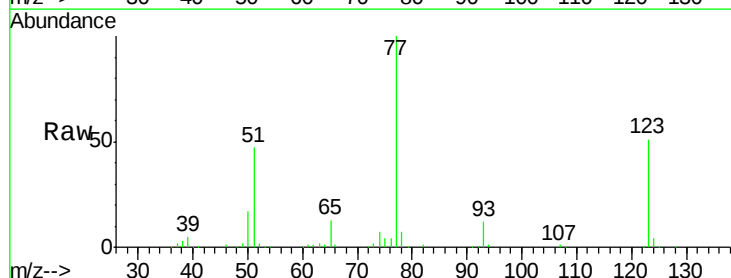


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

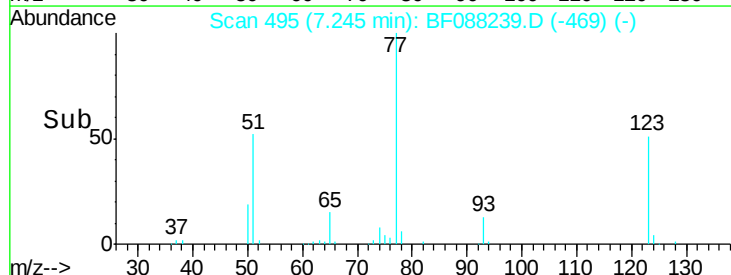
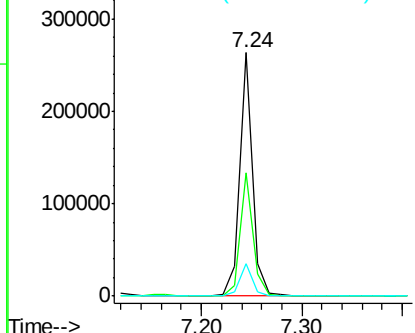


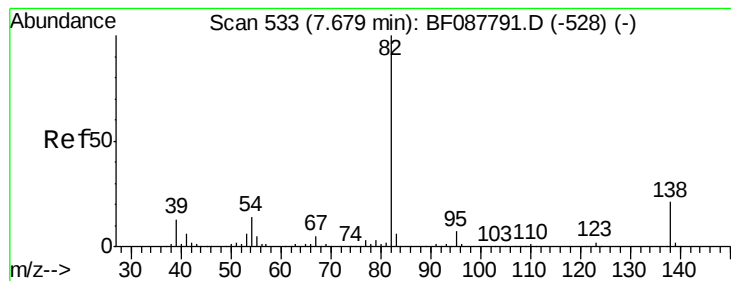
#24
 Nitrobenzene
 Concen: 40.03 ng
 RT: 7.24 min Scan# 495
 Delta R.T. 0.00 min
 Lab File: BF088239.D
 Acq: 22 Jun 2016 4:50

Tgt Ion: 77 Resp: 230319
 Ion Ratio Lower Upper
 77 100
 123 50.8 45.0 67.4
 65 13.2 10.2 15.2



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





#25

Isophorone

Concen: 36.52 ng

RT: 7.48 min Scan# 516

Delta R.T. 0.00 min

Lab File: BF088239.D

Acq: 22 Jun 2016 4:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

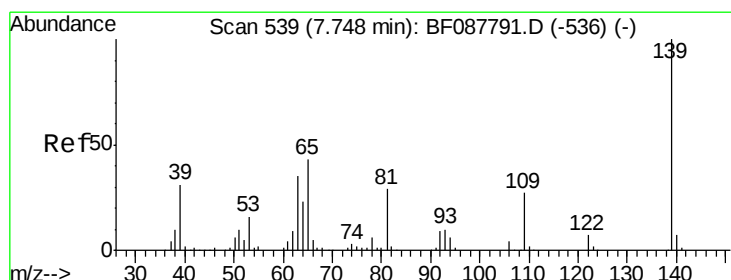
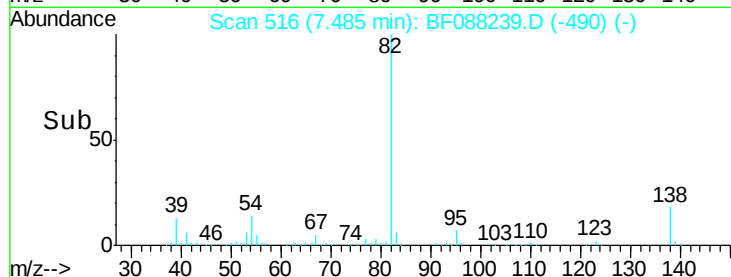
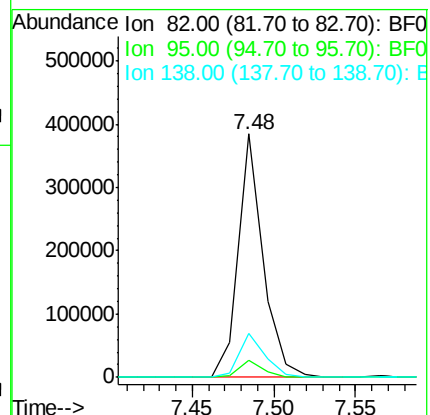
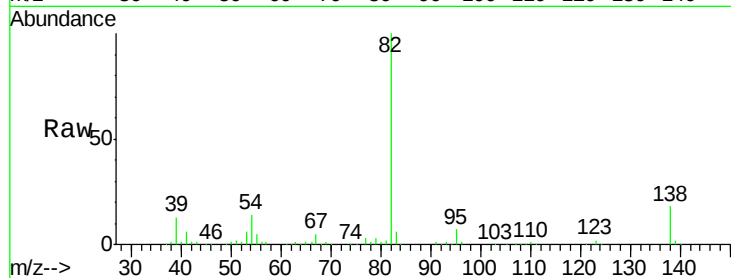
Tgt Ion: 82 Resp: 401741

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.2

138 18.1 14.6 21.8



#26

2-Nitrophenol

Concen: 40.79 ng

RT: 7.56 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF088239.D

Acq: 22 Jun 2016 4:50

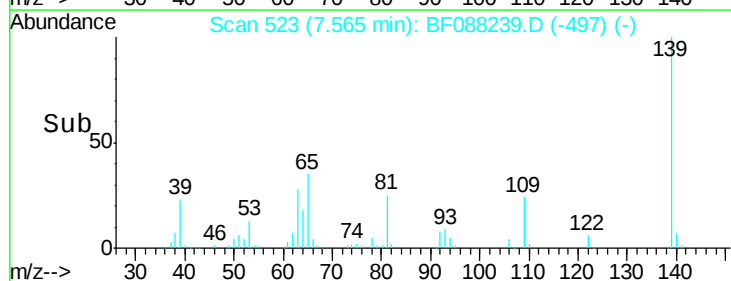
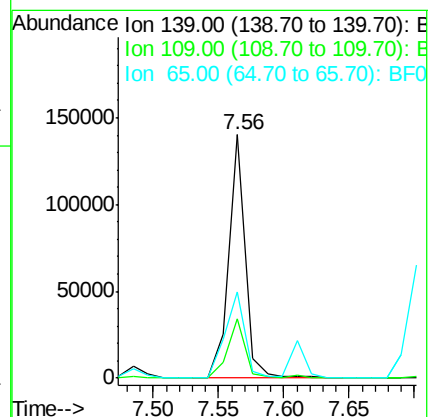
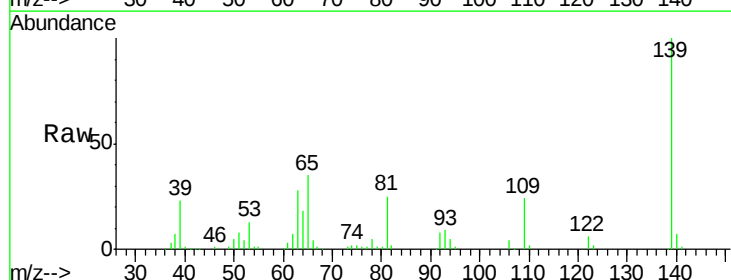
Tgt Ion: 139 Resp: 125703

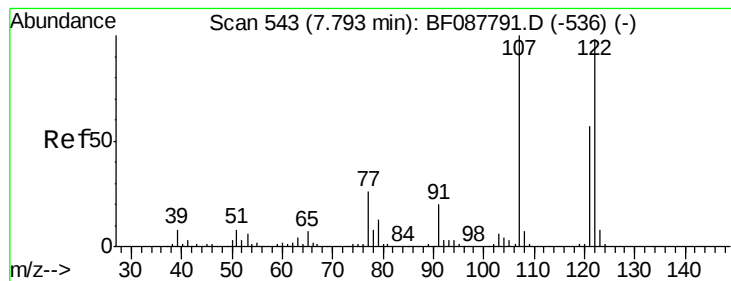
Ion Ratio Lower Upper

139 100

109 24.4 23.0 34.4

65 35.4 45.8 68.8#





#27

2,4-Dimethylphenol

Concen: 35.29 ng

RT: 7.61 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF088239.D

Acq: 22 Jun 2016 4:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

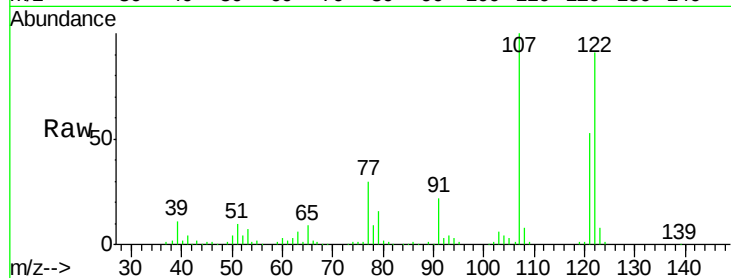
Tgt Ion:122 Resp: 200227

Ion Ratio Lower Upper

122 100

107 109.5 82.4 123.6

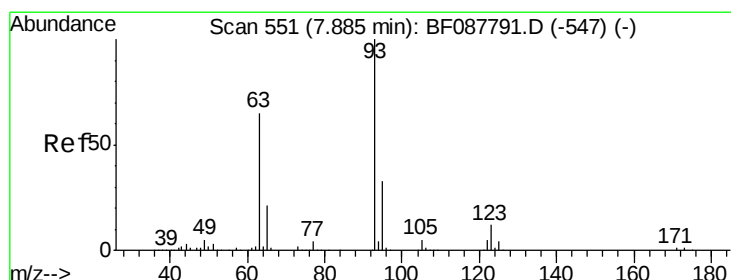
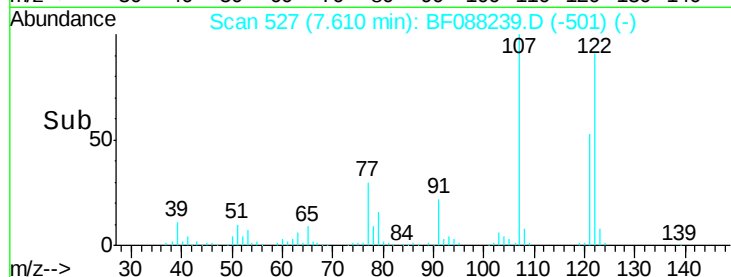
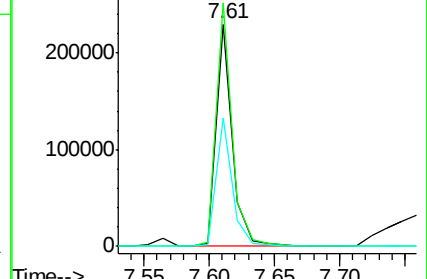
121 57.5 46.3 69.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.09 ng

RT: 7.70 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF088239.D

Acq: 22 Jun 2016 4:50

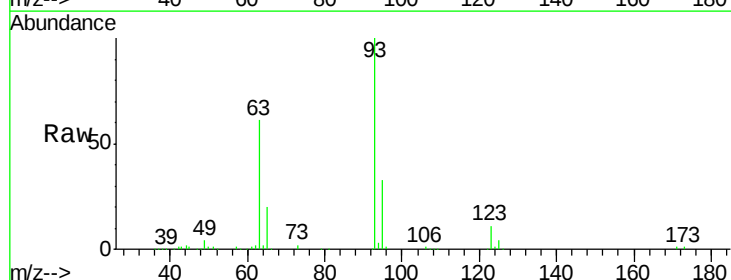
Tgt Ion: 93 Resp: 280370

Ion Ratio Lower Upper

93 100

95 32.9 26.5 39.7

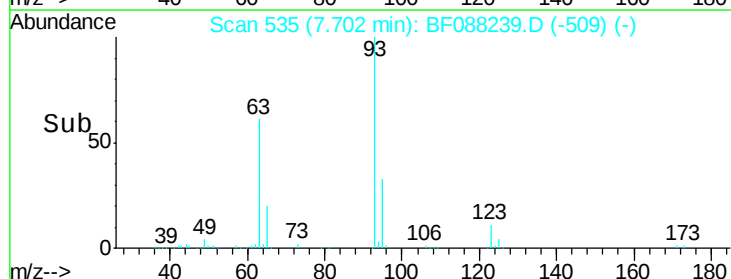
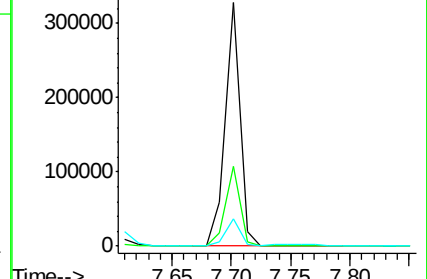
123 11.1 11.6 17.4#



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

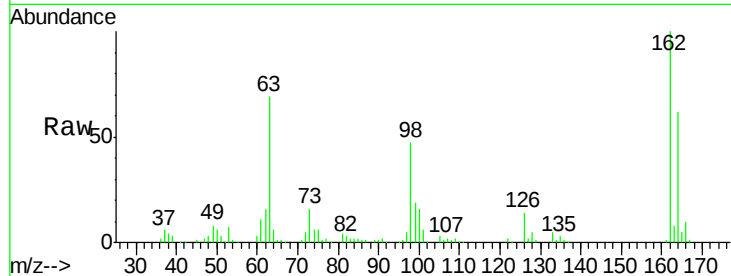




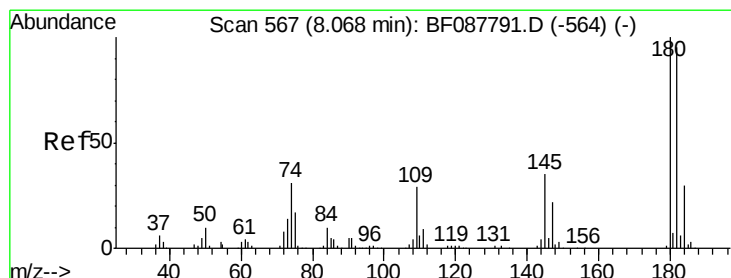
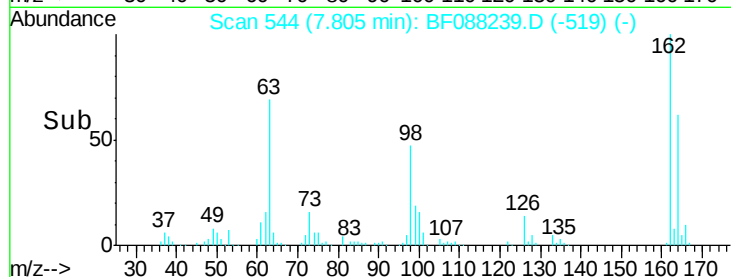
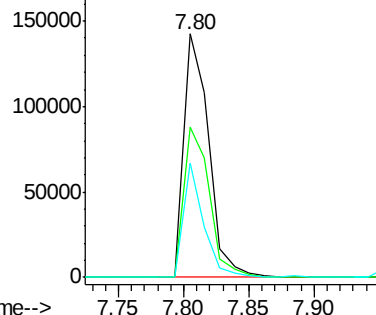
#29
 2,4-Dichlorophenol
 Concen: 40.25 ng
 RT: 7.80 min Scan# 544
 Delta R.T. -0.01 min
 Lab File: BF088239.D
 Acq: 22 Jun 2016 4:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
162	100		
164	61.8	43.8	83.8
98	46.9	21.3	61.3

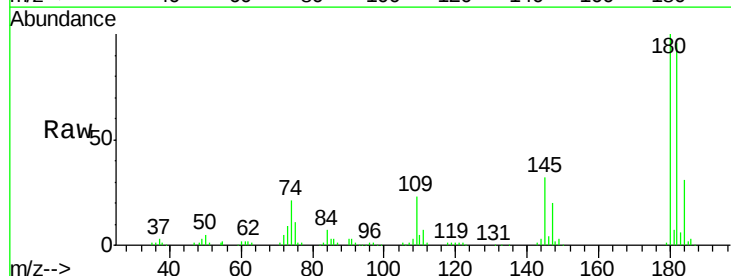


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

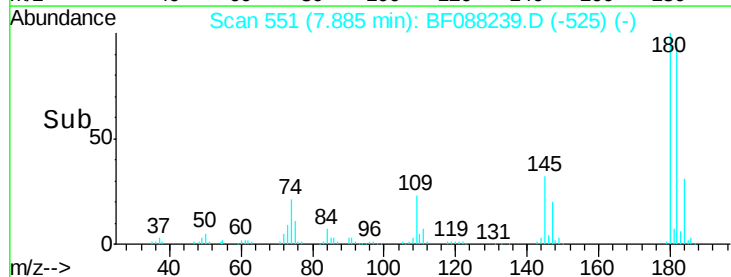
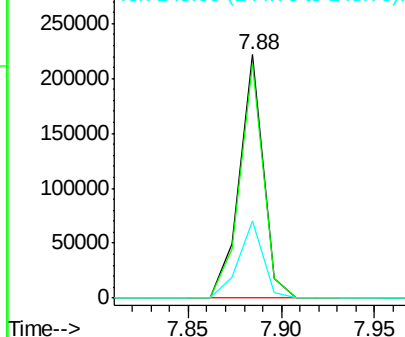


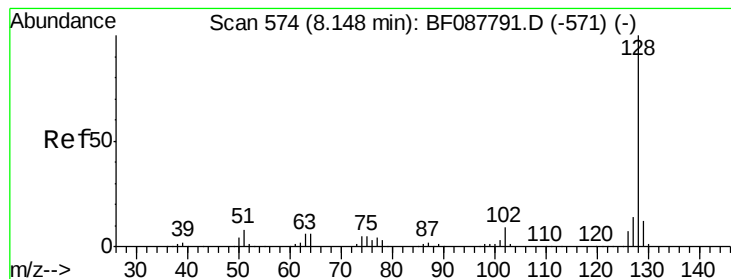
#30
 1,2,4-Trichlorobenzene
 Concen: 38.63 ng
 RT: 7.88 min Scan# 551
 Delta R.T. 0.00 min
 Lab File: BF088239.D
 Acq: 22 Jun 2016 4:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.0	114.0
145	31.7	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: 37.24 ng

RT: 7.96 min Scan# 558

Delta R.T. 0.00 min

Lab File: BF088239.D

Acq: 22 Jun 2016 4:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

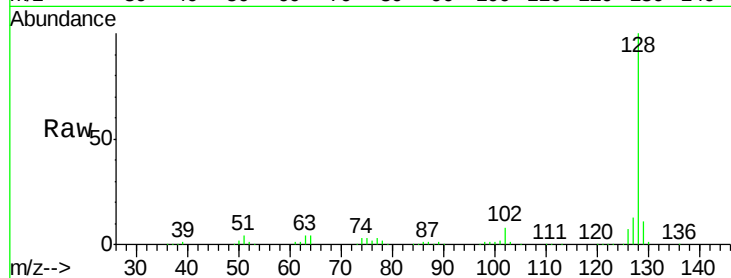
Tgt Ion:128 Resp: 639080

Ion Ratio Lower Upper

128 100

129 10.9 9.4 14.2

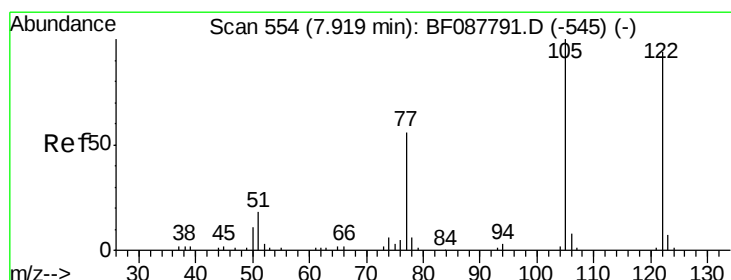
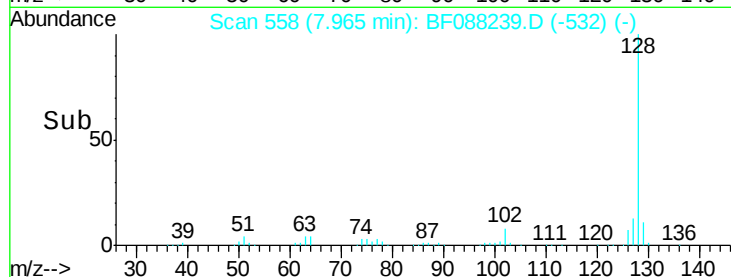
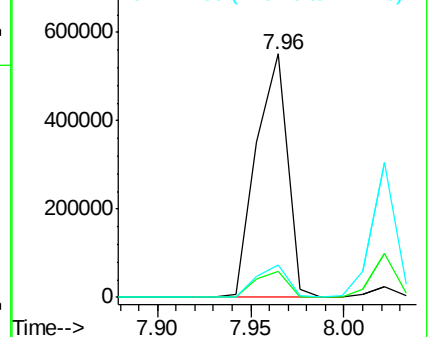
127 13.4 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 30.99 ng

RT: 7.76 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF088239.D

Acq: 22 Jun 2016 4:50

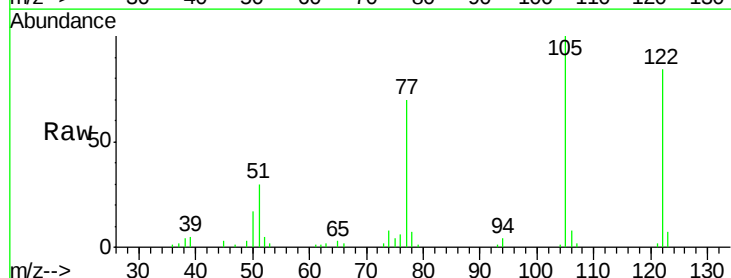
Tgt Ion:122 Resp: 96832

Ion Ratio Lower Upper

122 100

105 118.5 101.6 141.6

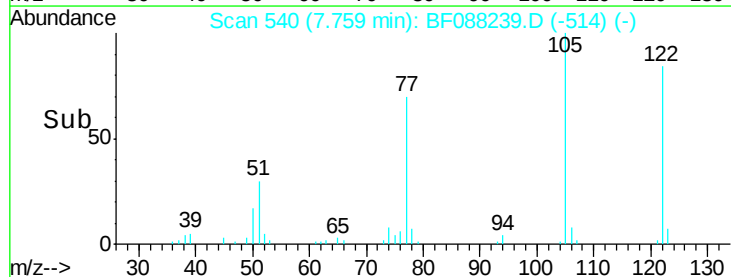
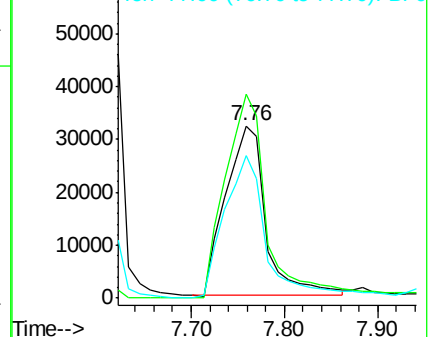
77 82.7 70.6 110.6

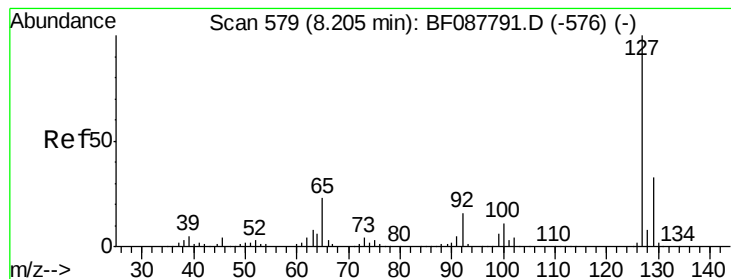


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 37.48 ng

RT: 8.02 min Scan# 563

Delta R.T. 0.00 min

Lab File: BF088239.D

Acq: 22 Jun 2016 4:50

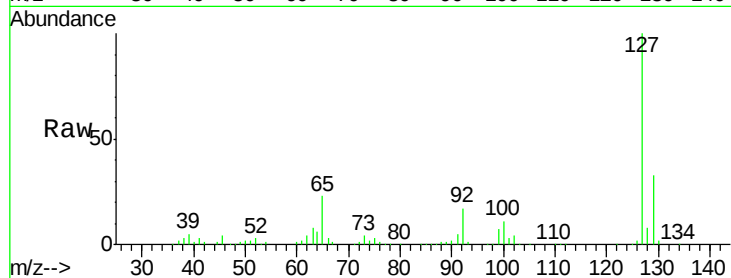
Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:	127	Resp:	287250
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.3	39.5
65	23.4	24.7	37.1#
92	16.6	15.4	23.0

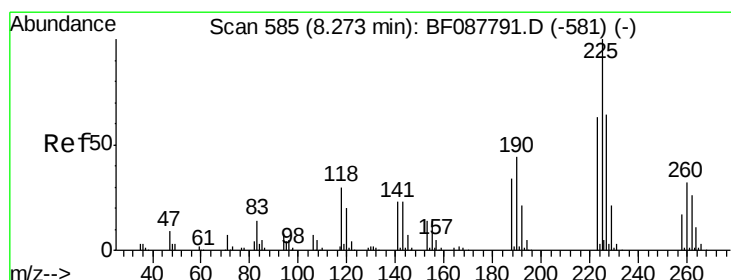
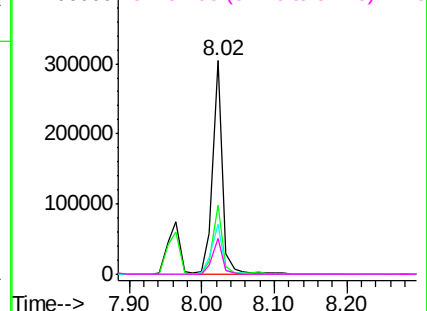
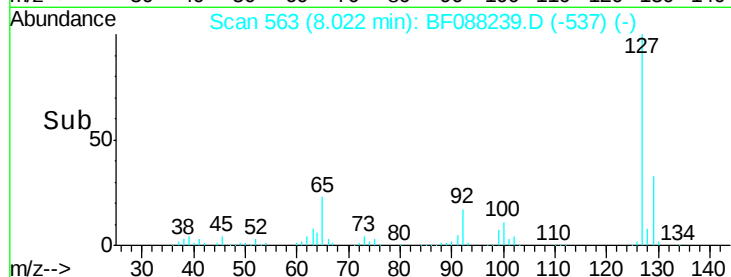


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 38.41 ng

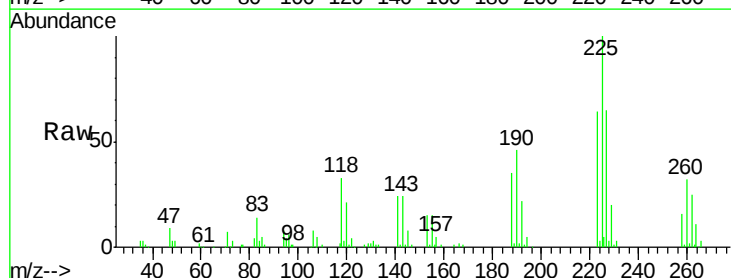
RT: 8.08 min Scan# 568

Delta R.T. 0.00 min

Lab File: BF088239.D

Acq: 22 Jun 2016 4:50

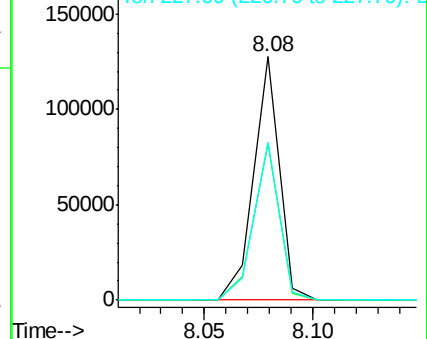
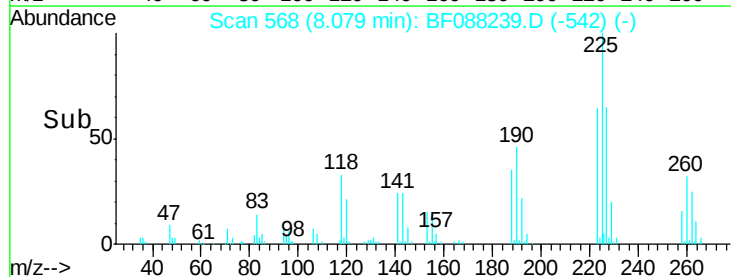
Tgt Ion:	225	Resp:	104501
Ion	Ratio	Lower	Upper
225	100		
223	64.4	50.9	76.3
227	64.7	51.9	77.9

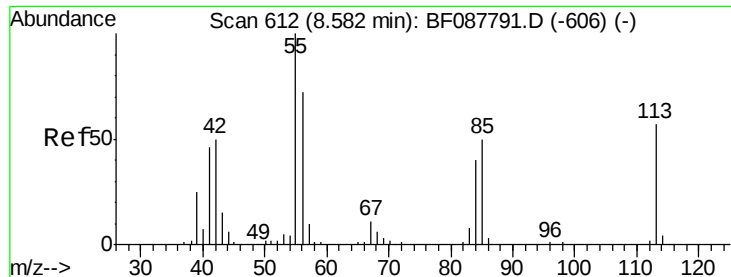


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

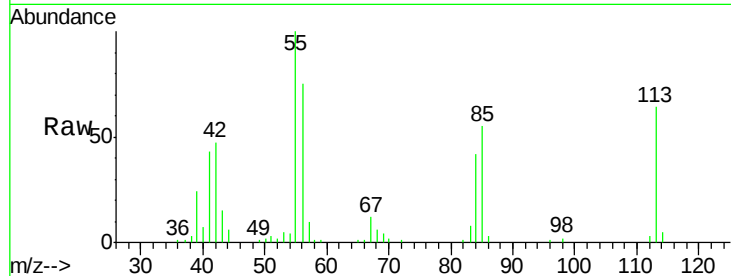




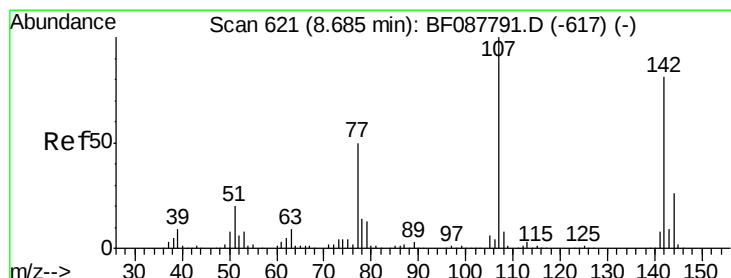
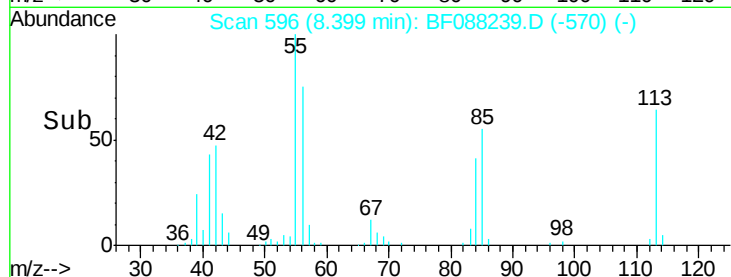
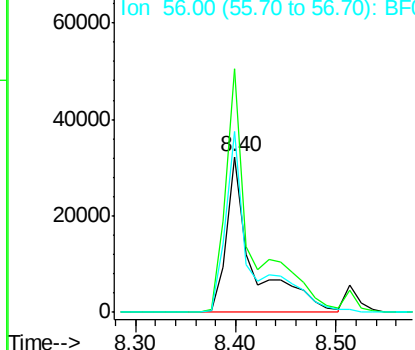
#35
 Caprolactam
 Concen: 38.00 ng
 RT: 8.40 min Scan# 596
 Delta R.T. 0.00 min
 Lab File: BF088239.D
 Acq: 22 Jun 2016 4:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:113 Resp: 59634
 Ion Ratio Lower Upper
 113 100
 55 156.7 158.6 198.6#
 56 116.8 110.6 150.6

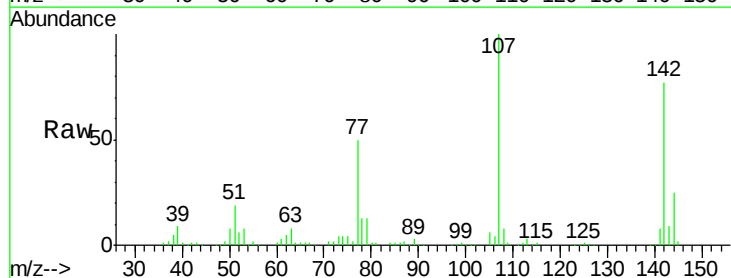


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

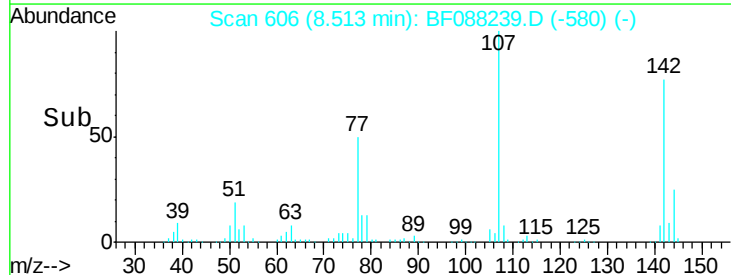
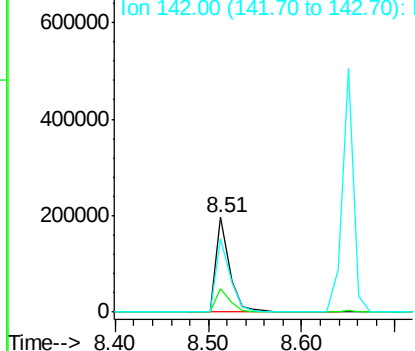


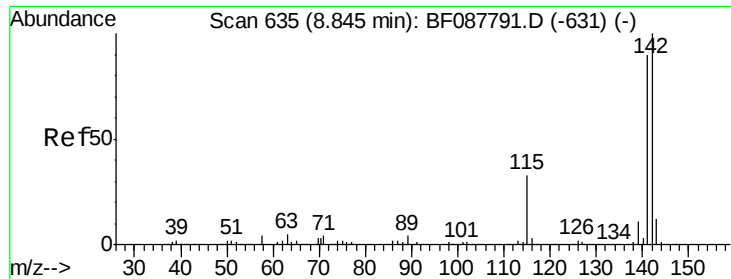
#36
 4-Chloro-3-methylphenol
 Concen: 38.36 ng
 RT: 8.51 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: BF088239.D
 Acq: 22 Jun 2016 4:50

Tgt Ion:107 Resp: 194337
 Ion Ratio Lower Upper
 107 100
 144 24.8 20.8 31.2
 142 77.2 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

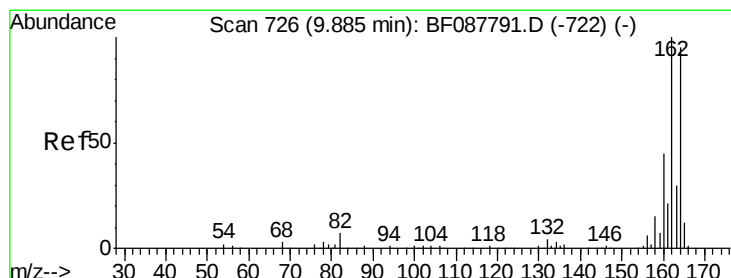
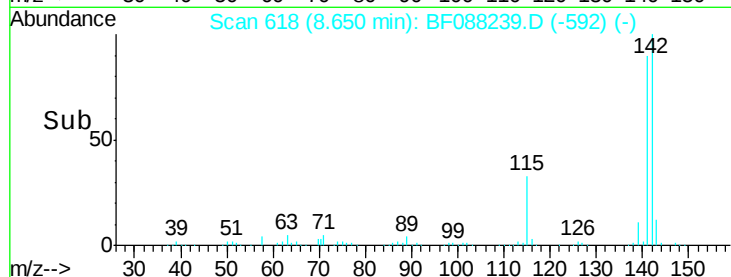
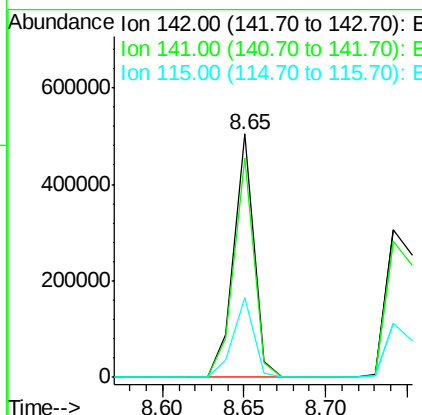
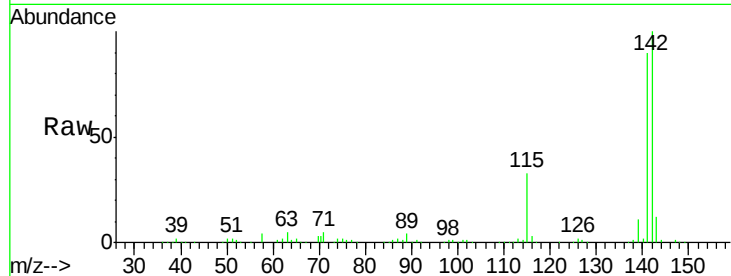




#37
 2-Methylnaphthalene
 Concen: 38.17 ng
 RT: 8.65 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF088239.D
 Acq: 22 Jun 2016 4:50

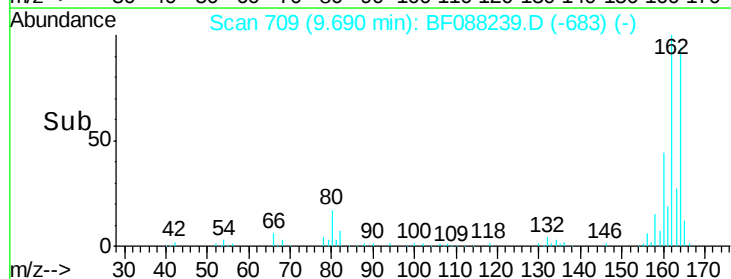
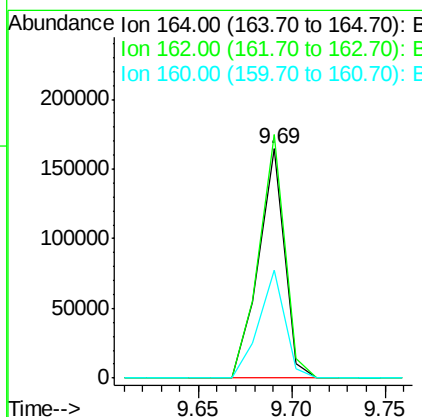
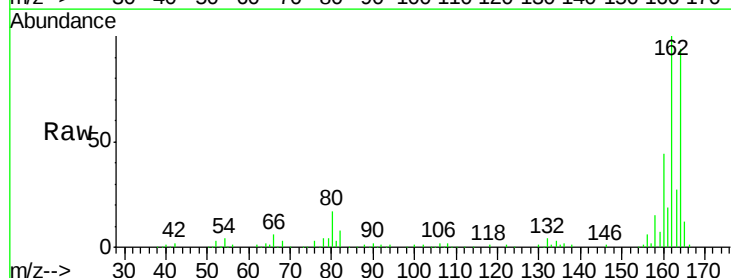
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:142 Resp: 431833
 Ion Ratio Lower Upper
 142 100
 141 89.9 71.0 106.6
 115 32.8 22.6 33.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.69 min Scan# 709
 Delta R.T. 0.00 min
 Lab File: BF088239.D
 Acq: 22 Jun 2016 4:50

Tgt Ion:164 Resp: 157744
 Ion Ratio Lower Upper
 164 100
 162 106.1 85.4 128.2
 160 47.1 39.5 59.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.38 ng

RT: 8.82 min Scan# 633

Delta R.T. 0.00 min

Lab File: BF088239.D

Acq: 22 Jun 2016 4:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:216 Resp: 183062

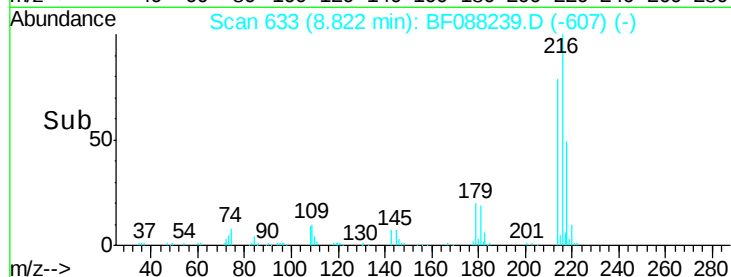
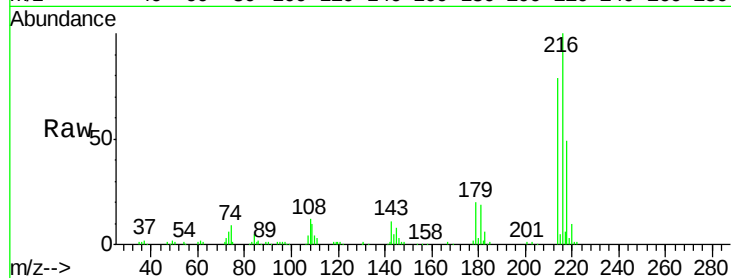
Ion Ratio Lower Upper

216 100

214 79.3 2.9 4.3#

179 21.9 0.0 0.0#

108 19.3 0.5 0.7#

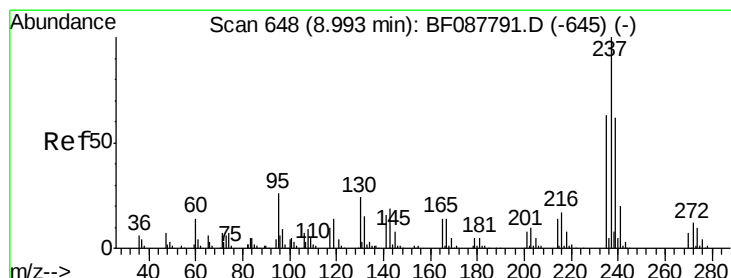
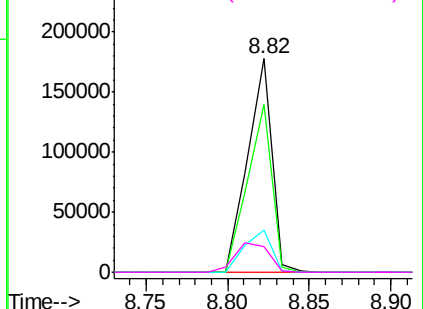


Abundance Ion 216.00 (215.70 to 216.70): E

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: 30.40 ng

RT: 8.80 min Scan# 631

Delta R.T. -0.01 min

Lab File: BF088239.D

Acq: 22 Jun 2016 4:50

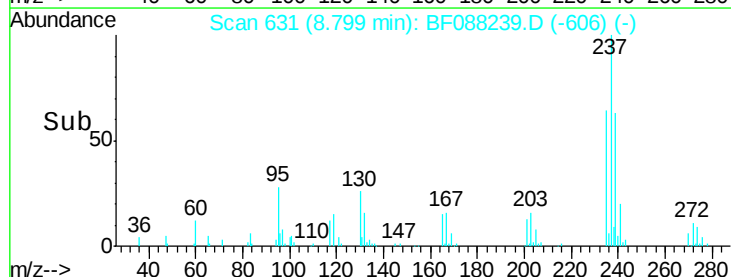
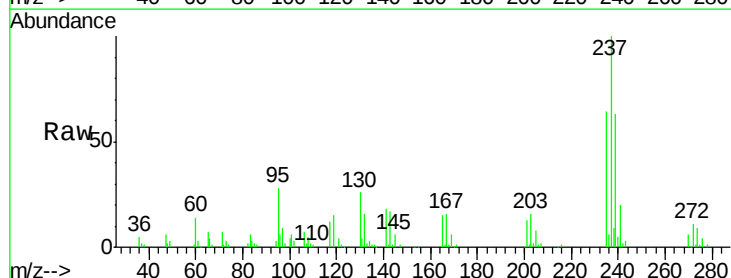
Tgt Ion:237 Resp: 77353

Ion Ratio Lower Upper

237 100

235 63.6 43.4 83.4

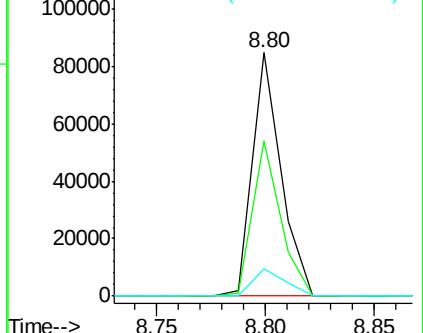
272 11.5 0.0 32.3

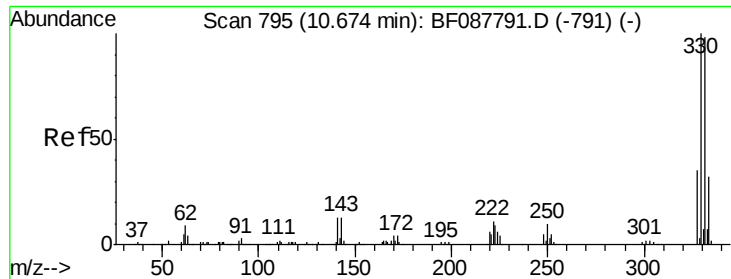


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

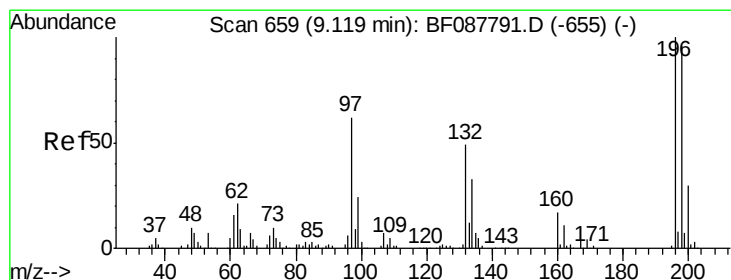
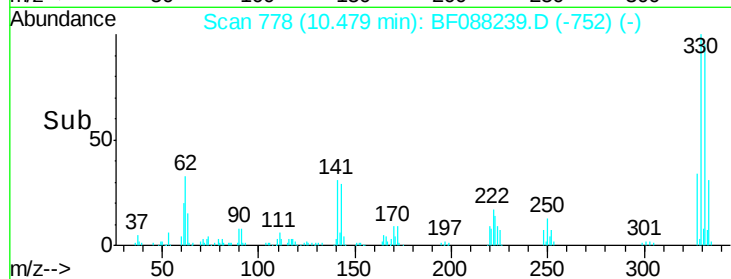
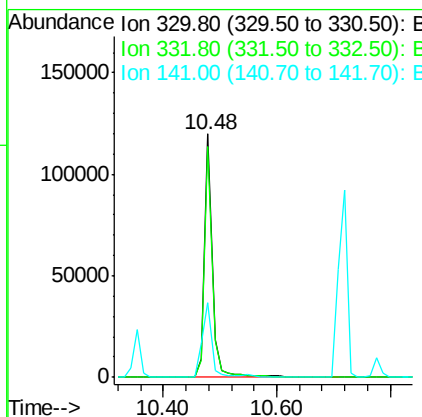
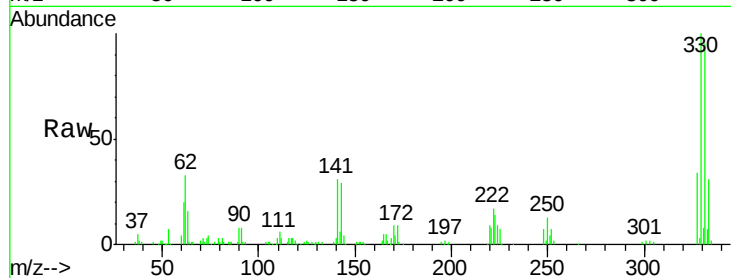




#41
 2,4,6-Tribromophenol
 Concen: 66.97 ng
 RT: 10.48 min Scan# 778
 Delta R.T. 0.00 min
 Lab File: BF088239.D
 Acq: 22 Jun 2016 4:50

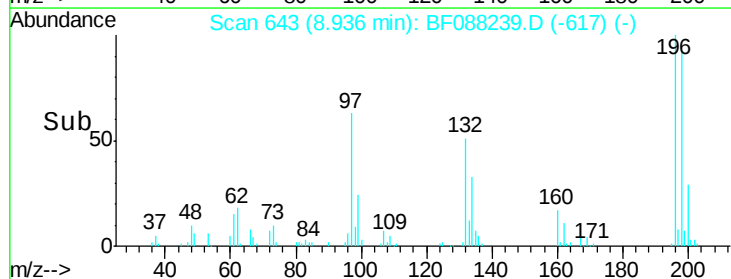
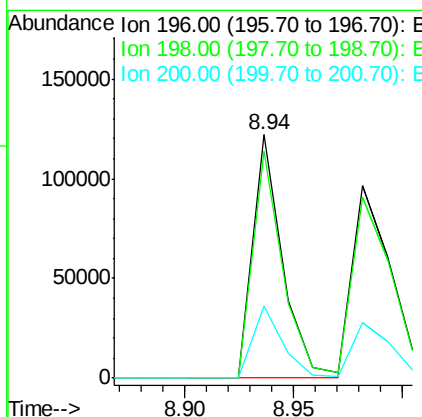
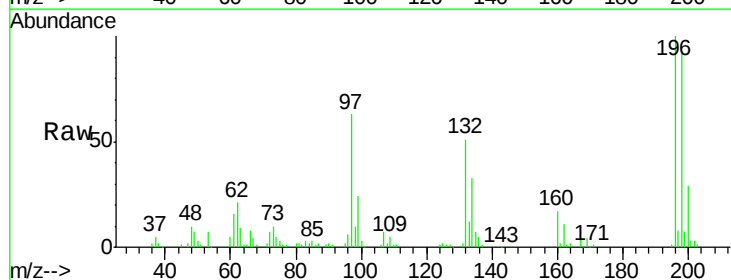
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:330 Resp: 111549
 Ion Ratio Lower Upper
 330 100
 332 94.5 0.0 0.0#
 141 36.5 0.0 0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 36.81 ng
 RT: 8.94 min Scan# 643
 Delta R.T. 0.00 min
 Lab File: BF088239.D
 Acq: 22 Jun 2016 4:50

Tgt Ion:196 Resp: 116113
 Ion Ratio Lower Upper
 196 100
 198 93.0 78.0 117.0
 200 29.5 25.4 38.2

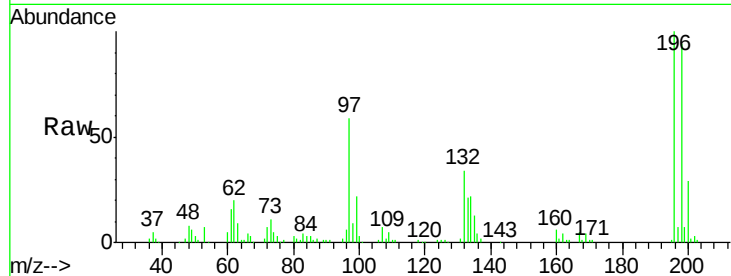




#43
 2,4,5-Trichlorophenol
 Concen: 37.68 ng
 RT: 8.98 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF088239.D
 Acq: 22 Jun 2016 4:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.0	77.5	116.3
97	59.3	32.0	48.0#
132	34.1	20.9	31.3#



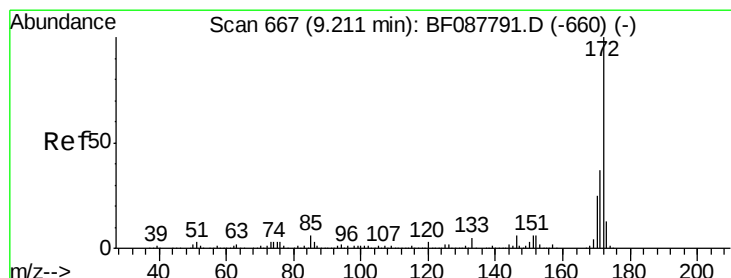
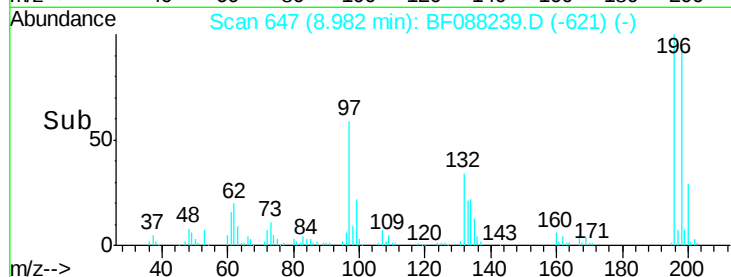
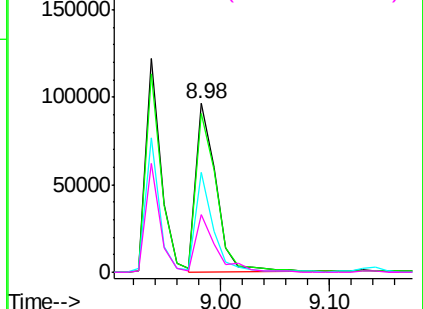
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

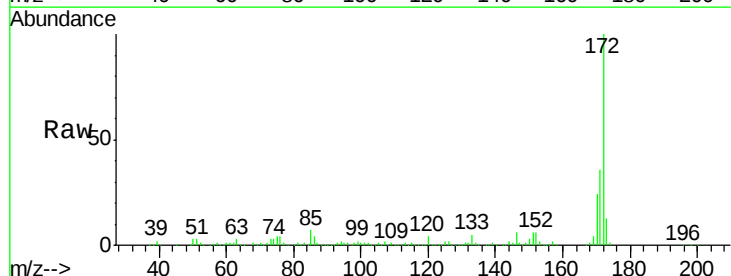
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 74.29 ng
 RT: 9.02 min Scan# 650
 Delta R.T. 0.00 min
 Lab File: BF088239.D
 Acq: 22 Jun 2016 4:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	24.0	19.2	28.8

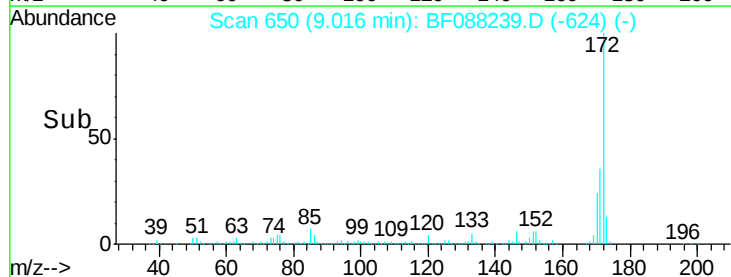
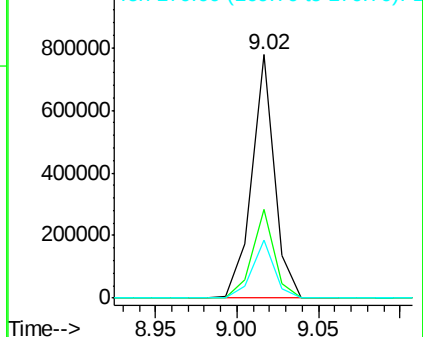


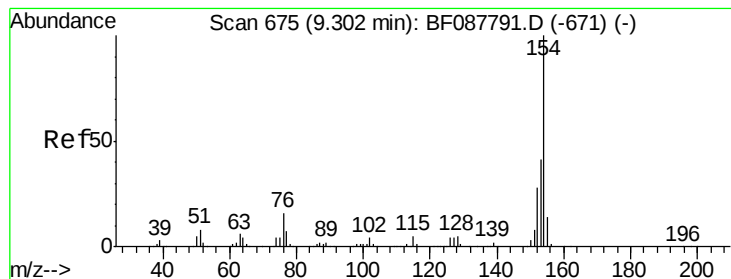
Abundance

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: 45.97 ng

RT: 9.12 min Scan# 659

Delta R.T. 0.00 min

Lab File: BF088239.D

Acq: 22 Jun 2016 4:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

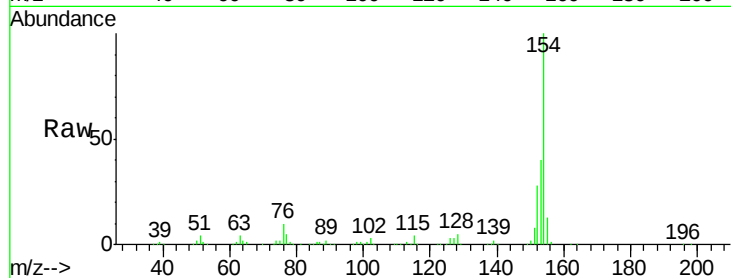
Tgt Ion:154 Resp: 542763

Ion Ratio Lower Upper

154 100

153 40.4 20.6 60.6

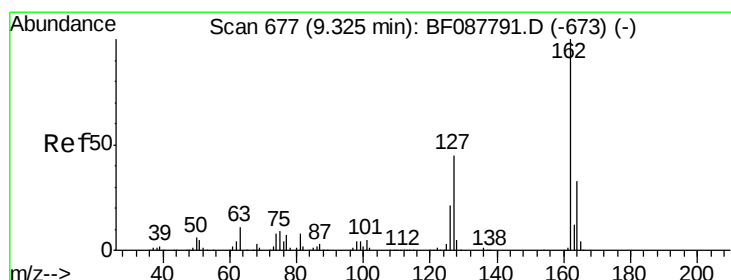
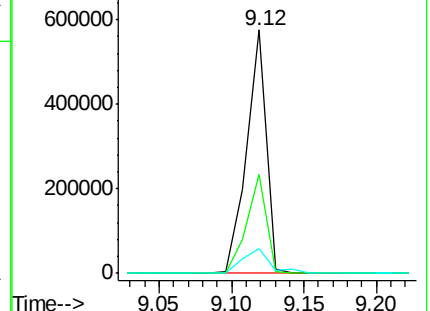
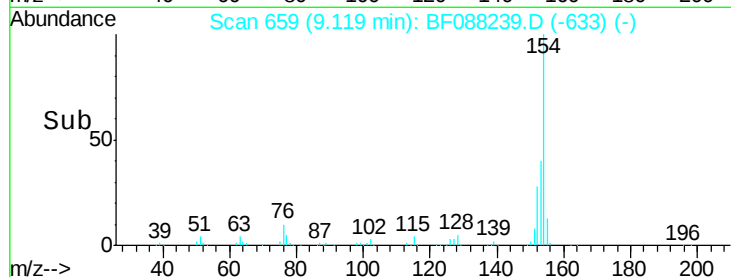
76 10.0 0.0 35.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.88 ng

RT: 9.14 min Scan# 661

Delta R.T. 0.00 min

Lab File: BF088239.D

Acq: 22 Jun 2016 4:50

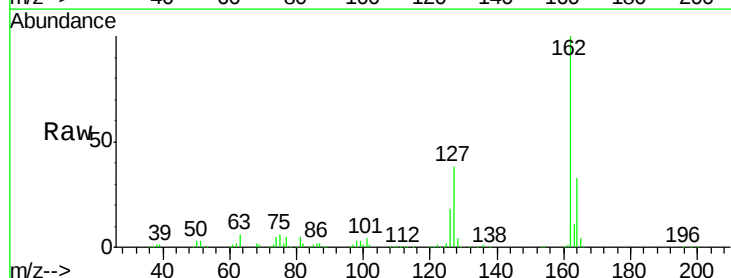
Tgt Ion:162 Resp: 407113

Ion Ratio Lower Upper

162 100

127 38.3 35.2 52.8

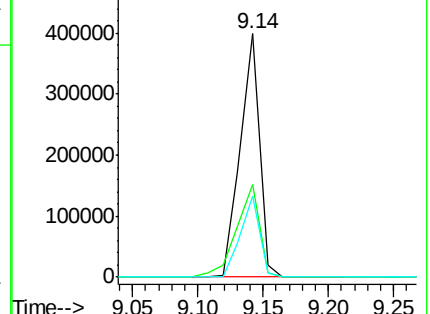
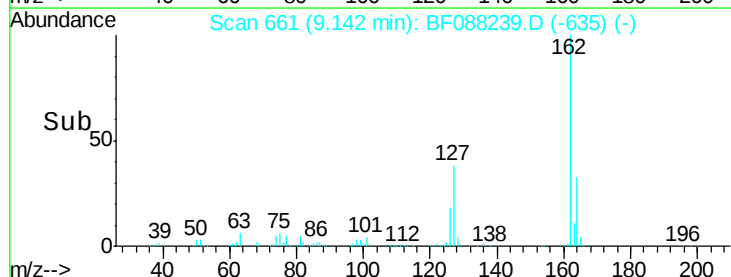
164 33.4 26.6 39.8

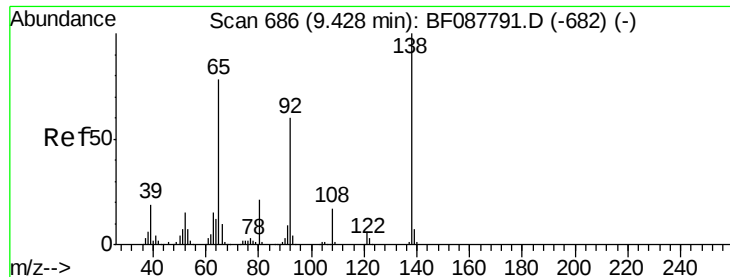


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

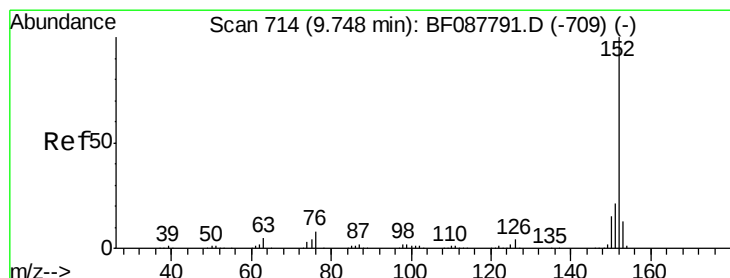
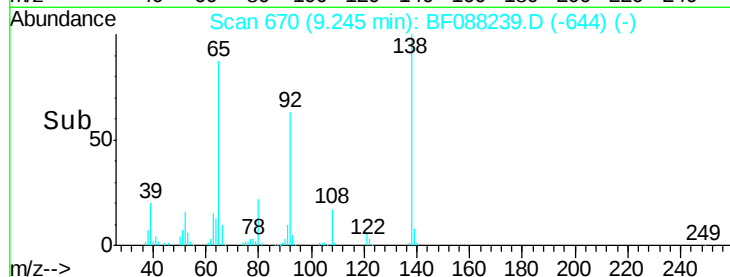
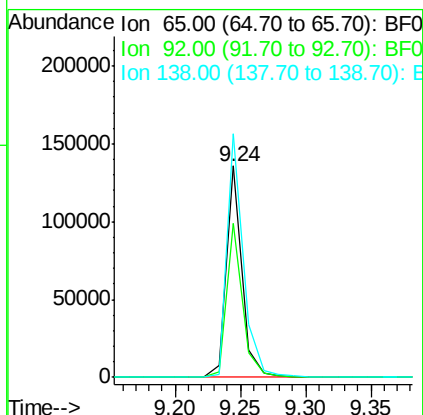
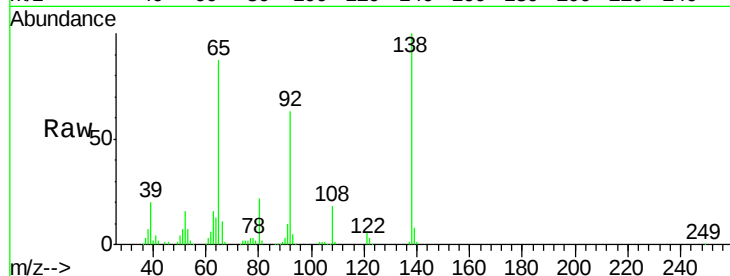




#47
2-Nitroaniline
Concen: 37.81 ng
RT: 9.24 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF088239.D
Acq: 22 Jun 2016 4:50

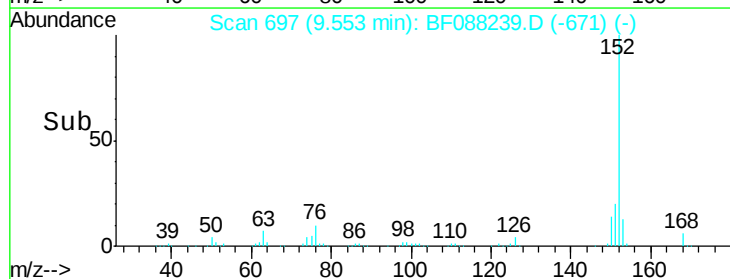
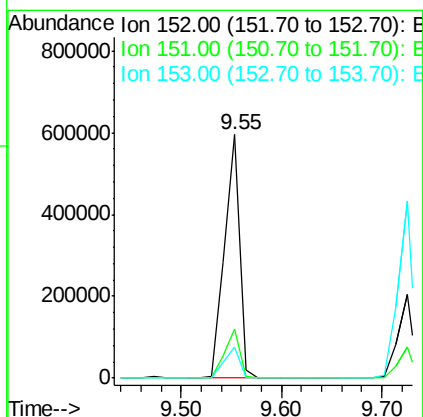
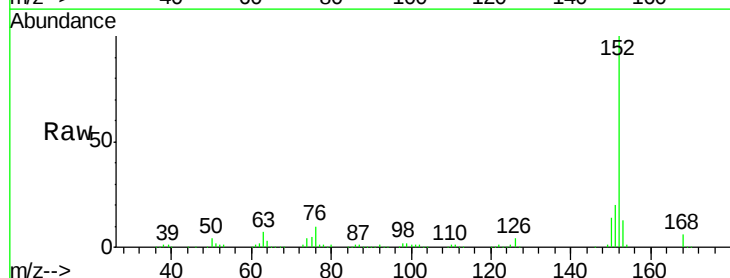
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

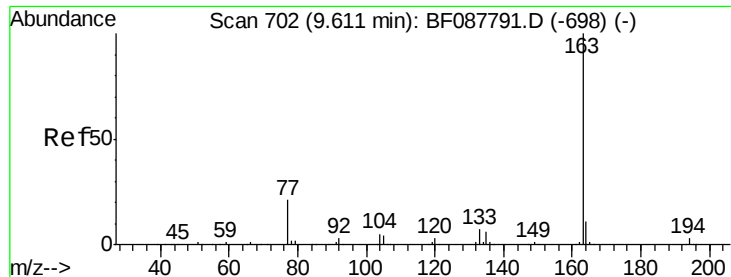
Tgt Ion: 65 Resp: 113845
Ion Ratio Lower Upper
65 100
92 72.8 54.6 82.0
138 115.2 77.0 115.4



#48
Acenaphthylene
Concen: 38.19 ng
RT: 9.55 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF088239.D
Acq: 22 Jun 2016 4:50

Tgt Ion: 152 Resp: 620019
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4
153 12.9 11.0 16.6





#49

Dimethylphthalate

Concen: 39.76 ng

RT: 9.43 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF088239.D

Acq: 22 Jun 2016 4:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

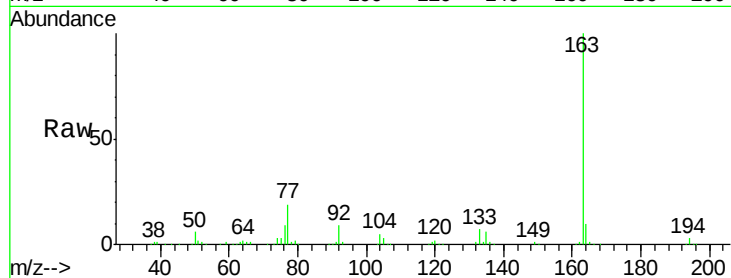
Tgt Ion:163 Resp: 454270

Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

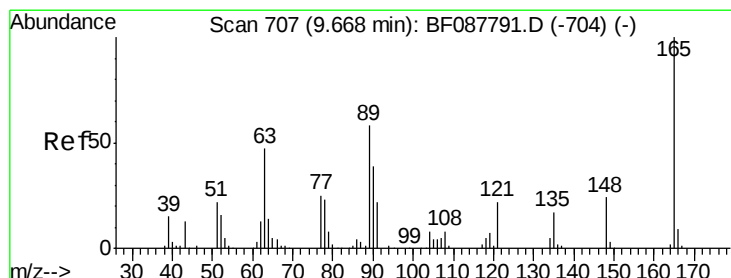
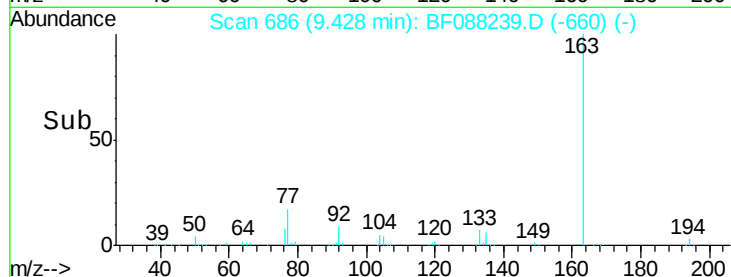
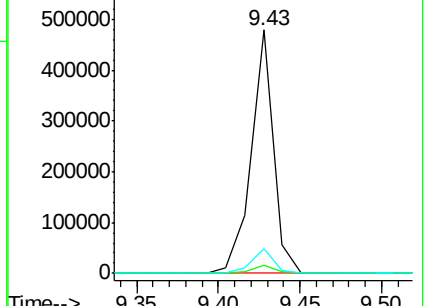
164 10.4 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 39.66 ng

RT: 9.48 min Scan# 691

Delta R.T. -0.01 min

Lab File: BF088239.D

Acq: 22 Jun 2016 4:50

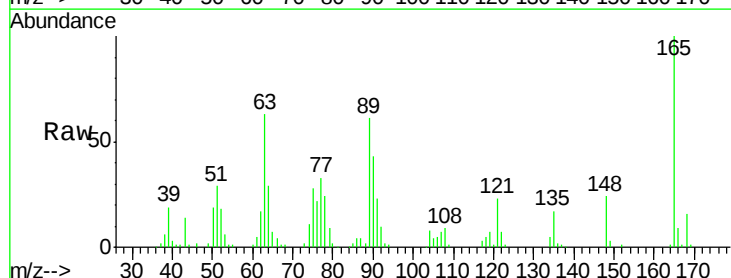
Tgt Ion:165 Resp: 103777

Ion Ratio Lower Upper

165 100

63 62.7 28.1 42.1#

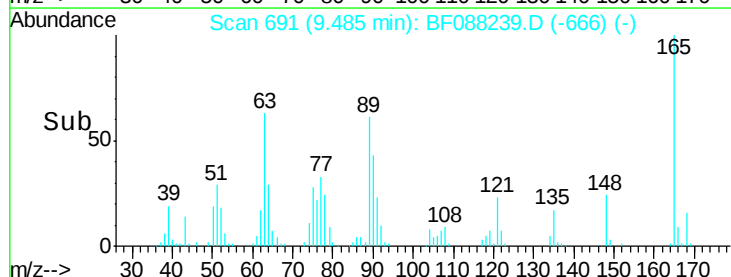
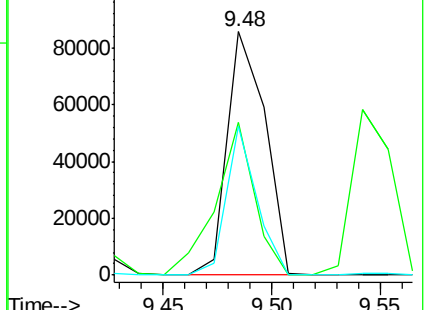
89 61.1 32.2 48.2#

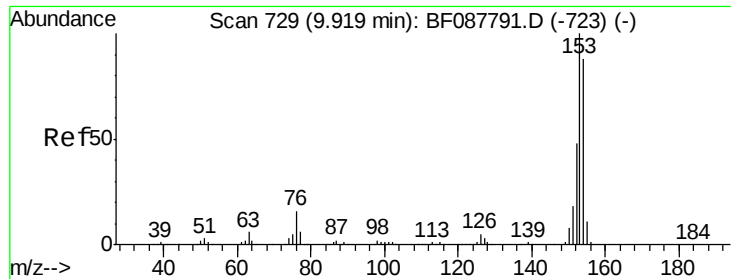


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 36.96 ng

RT: 9.72 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF088239.D

Acq: 22 Jun 2016 4:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

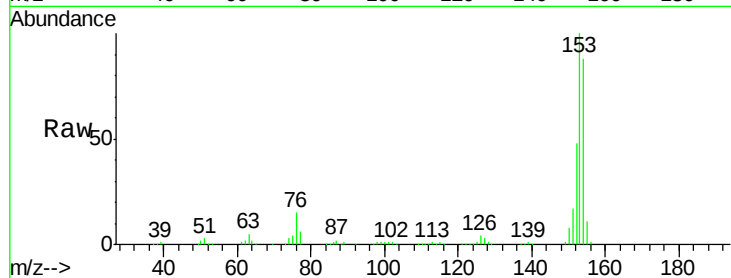
Tgt Ion:154 Resp: 374323

Ion Ratio Lower Upper

154 100

153 113.9 89.5 134.3

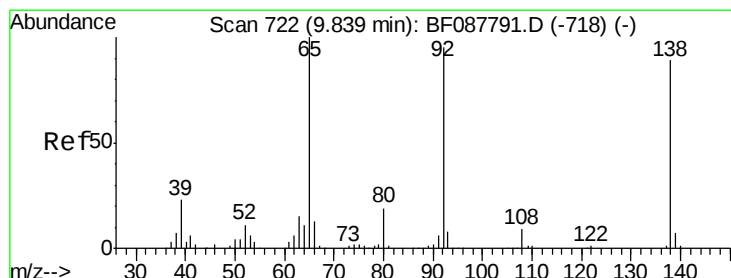
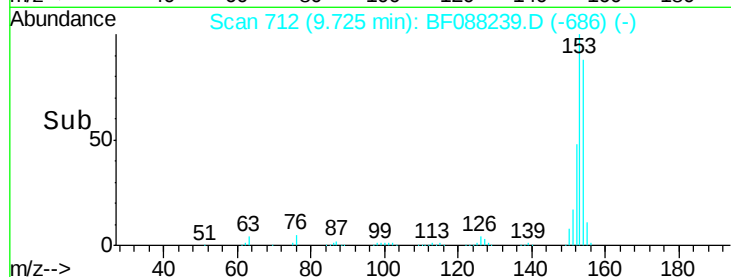
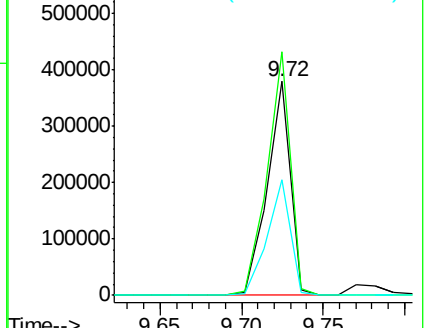
152 54.1 42.7 64.1



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: 36.10 ng

RT: 9.66 min Scan# 706

Delta R.T. 0.00 min

Lab File: BF088239.D

Acq: 22 Jun 2016 4:50

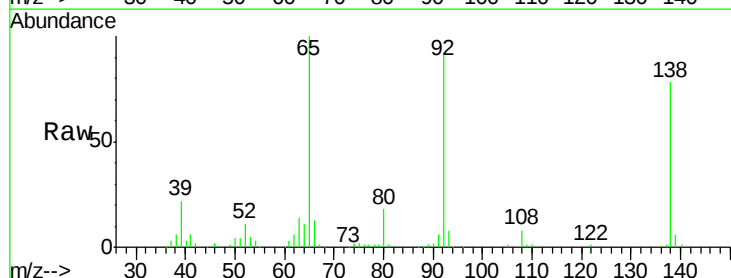
Tgt Ion:138 Resp: 109015

Ion Ratio Lower Upper

138 100

108 10.7 8.5 12.7

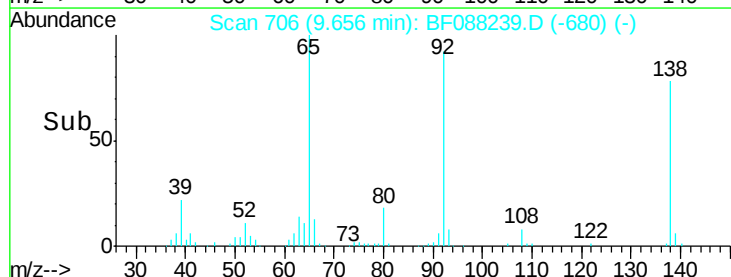
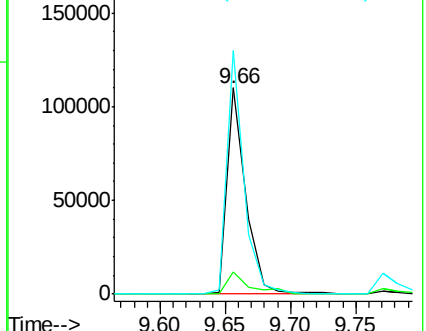
92 118.2 95.7 143.5



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

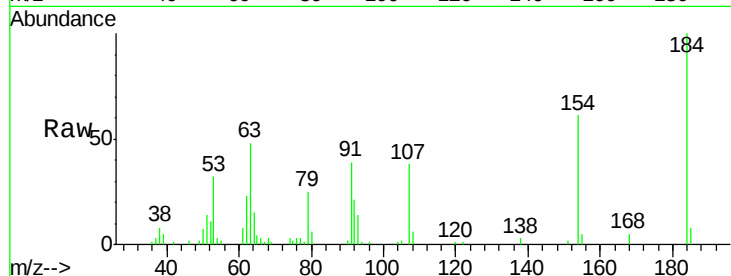




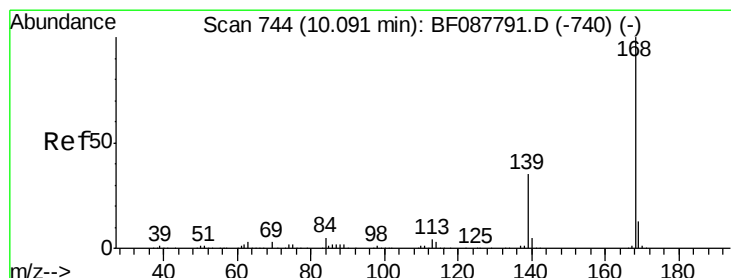
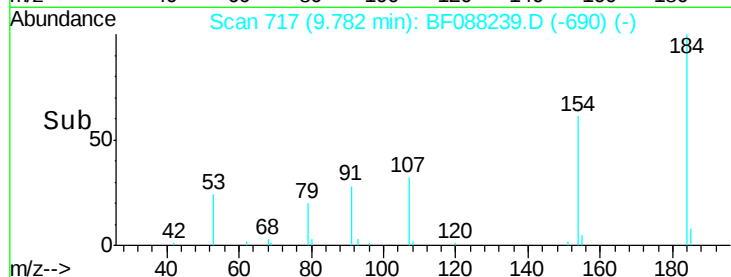
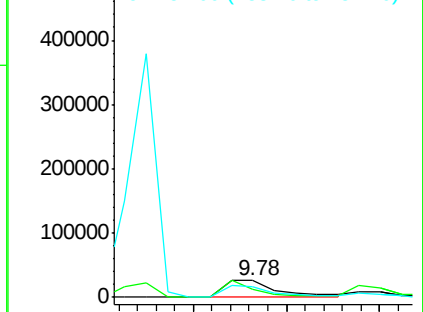
#53
 2,4-Dinitrophenol
 Concen: 42.03 ng
 RT: 9.78 min Scan# 717
 Delta R.T. 0.01 min
 Lab File: BF088239.D
 Acq: 22 Jun 2016 4:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:184 Resp: 52010
 Ion Ratio Lower Upper
 184 100
 63 47.5 57.6 86.4#
 154 60.9 53.5 80.3

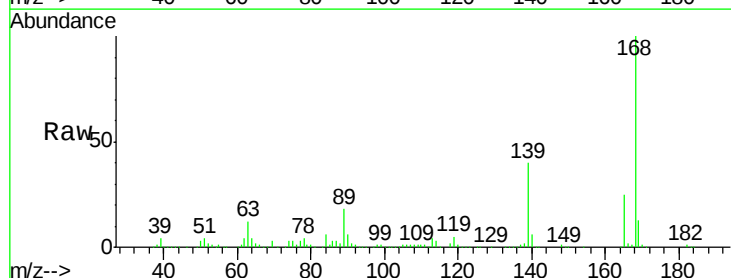


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

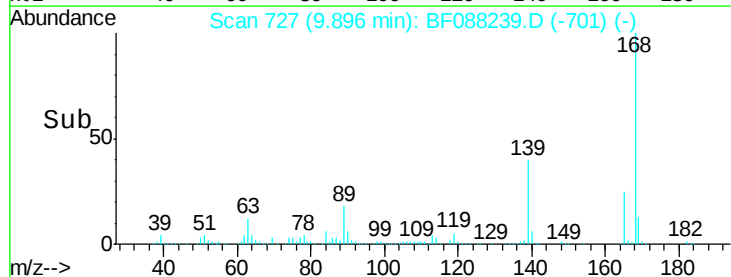
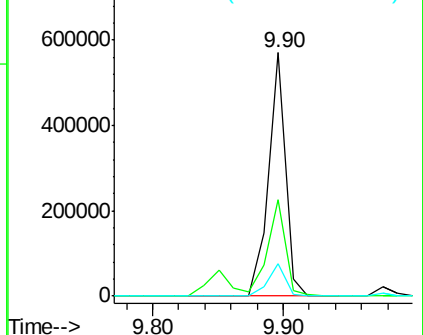


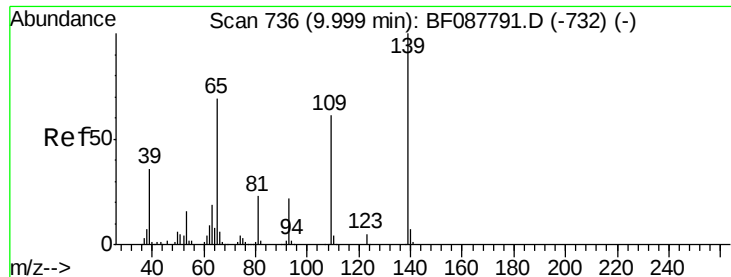
#54
 Dibenzofuran
 Concen: 37.42 ng
 RT: 9.90 min Scan# 727
 Delta R.T. 0.00 min
 Lab File: BF088239.D
 Acq: 22 Jun 2016 4:50

Tgt Ion:168 Resp: 521979
 Ion Ratio Lower Upper
 168 100
 139 39.6 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: 33.59 ng

RT: 9.85 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF088239.D

Acq: 22 Jun 2016 4:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

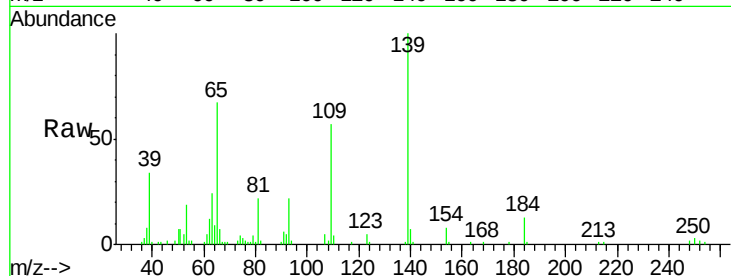
Tgt Ion:139 Resp: 78719

Ion Ratio Lower Upper

139 100

109 56.7 48.9 88.9

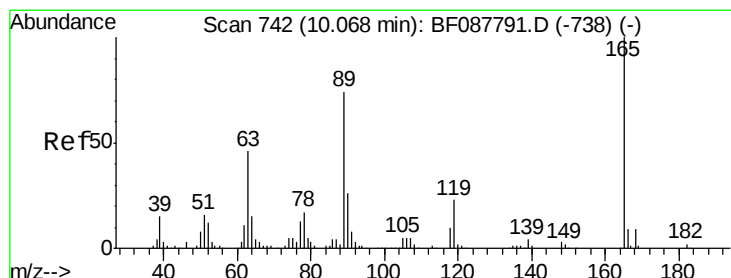
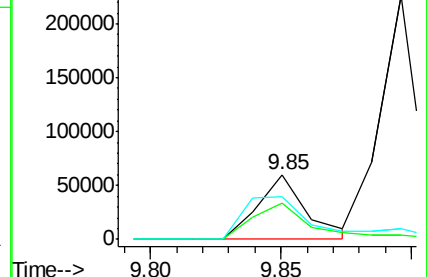
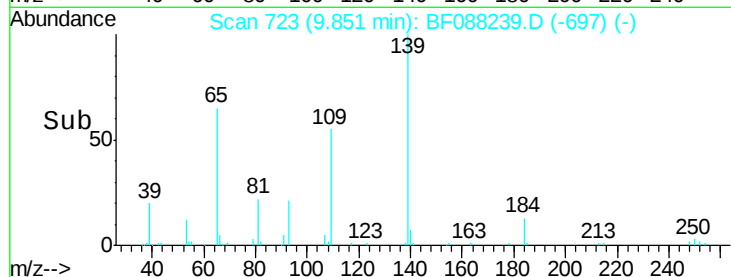
65 66.9 84.9 124.9#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 37.52 ng

RT: 9.90 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF088239.D

Acq: 22 Jun 2016 4:50

Tgt Ion:165 Resp: 126173

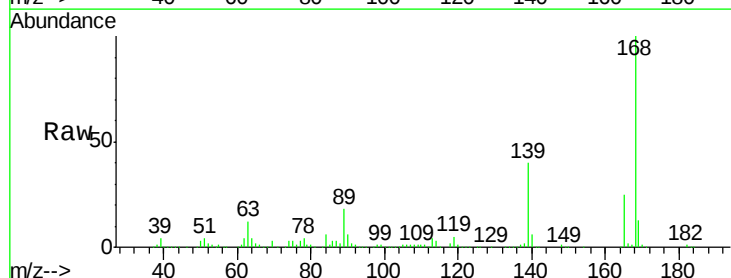
Ion Ratio Lower Upper

165 100

63 49.9 22.0 33.0#

89 73.1 41.1 61.7#

182 2.4 2.0 3.0

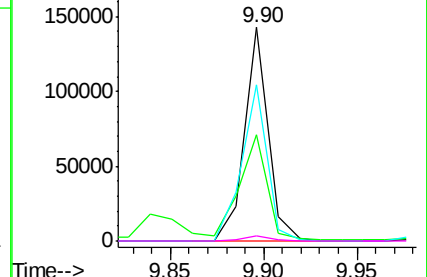
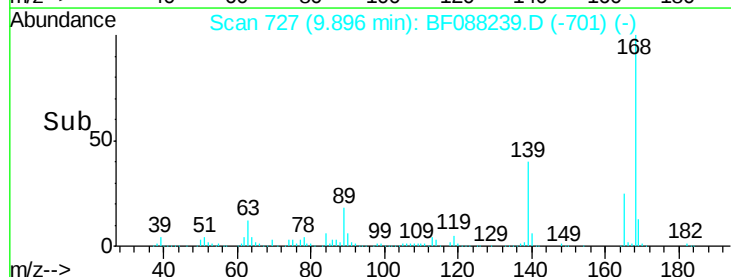


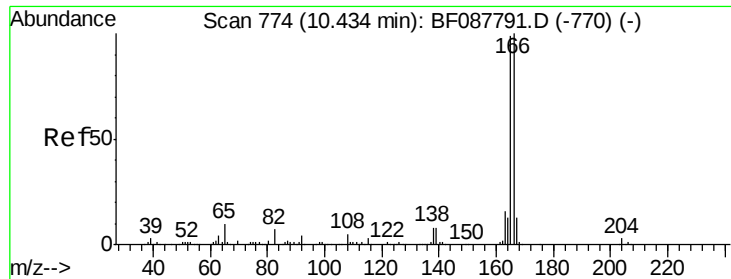
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 46.49 ng

RT: 10.24 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF088239.D

Acq: 22 Jun 2016 4:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

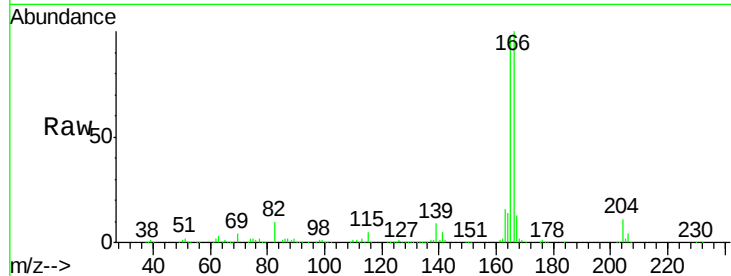
Tgt Ion:166 Resp: 436697

Ion Ratio Lower Upper

166 100

165 98.4 77.8 116.8

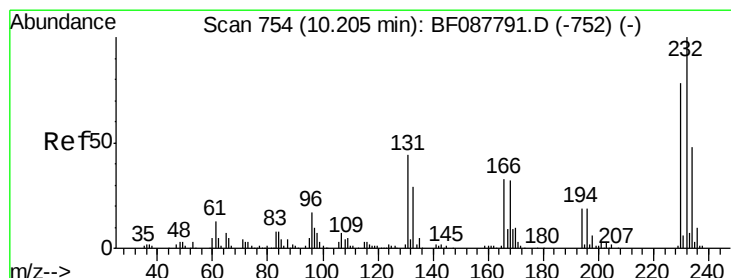
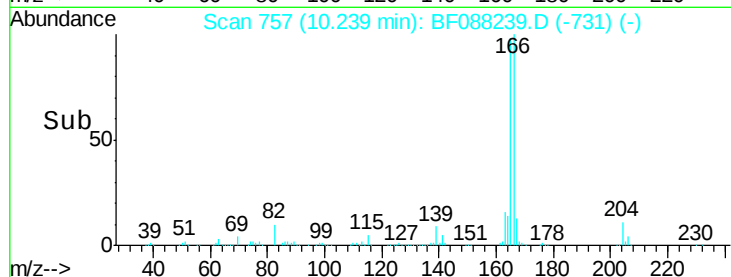
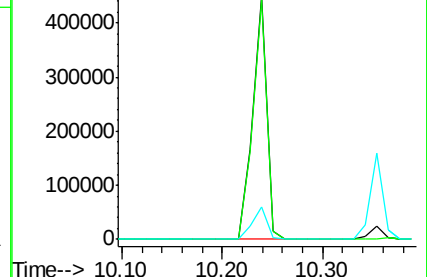
167 13.3 11.2 16.8



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: 37.84 ng

RT: 10.02 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF088239.D

Acq: 22 Jun 2016 4:50

Tgt Ion:232 Resp: 97589

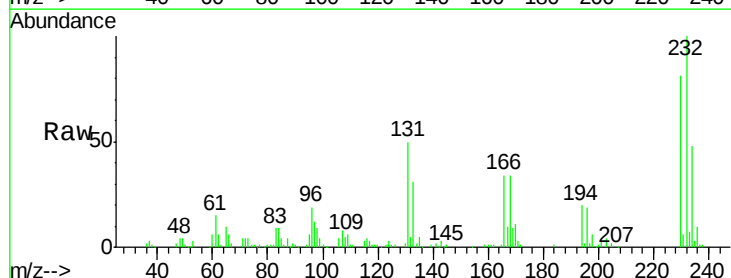
Ion Ratio Lower Upper

232 100

131 47.4 0.9 1.3#

130 2.1 1.5 2.3

166 30.4 0.5 0.7#

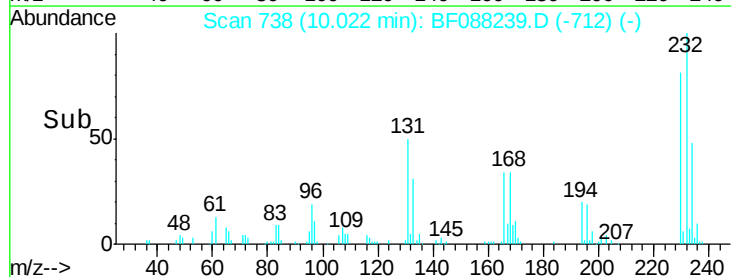
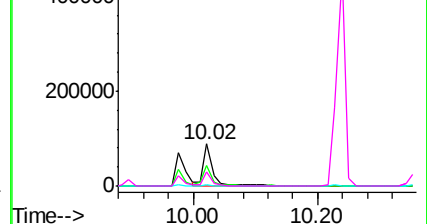


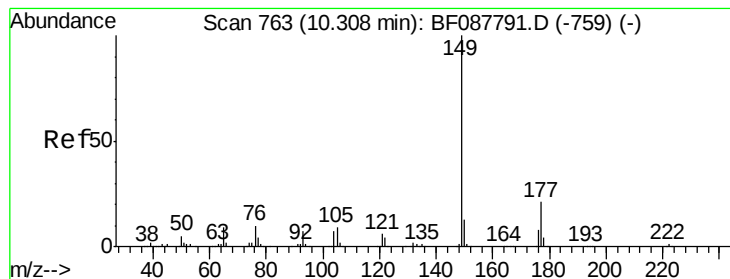
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 40.78 ng

RT: 10.12 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF088239.D

Acq: 22 Jun 2016 4:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

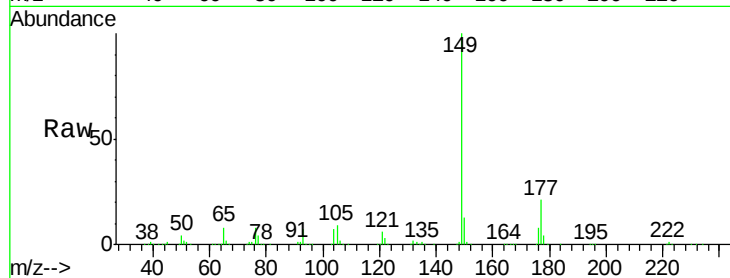
Tgt Ion:149 Resp: 471705

Ion Ratio Lower Upper

149 100

177 21.1 16.9 25.3

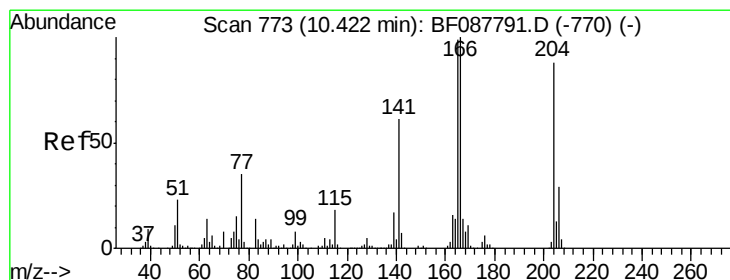
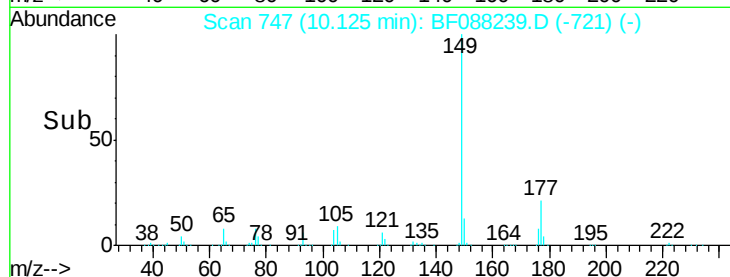
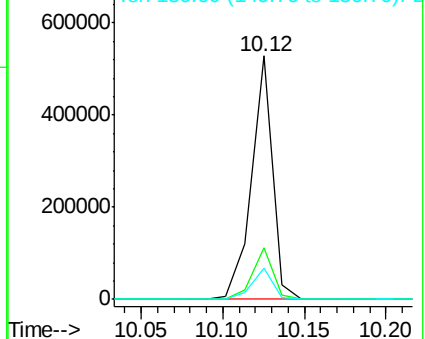
150 12.6 10.1 15.1



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: 37.49 ng

RT: 10.23 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF088239.D

Acq: 22 Jun 2016 4:50

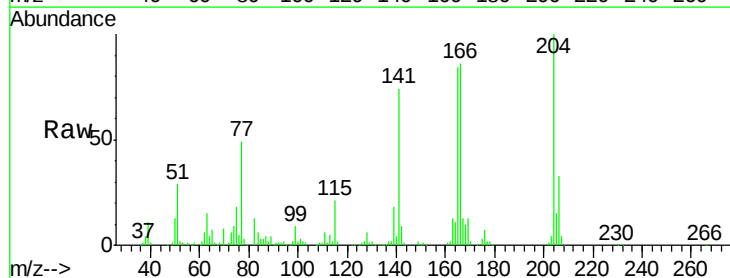
Tgt Ion:204 Resp: 173934

Ion Ratio Lower Upper

204 100

206 32.6 26.3 39.5

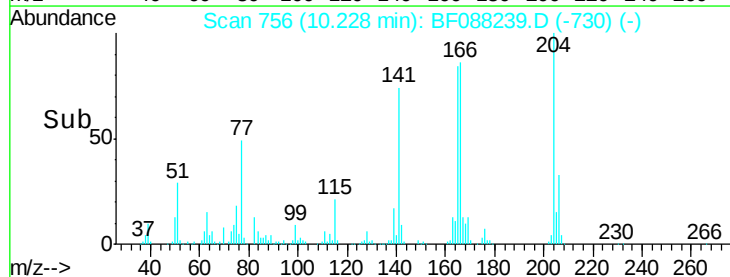
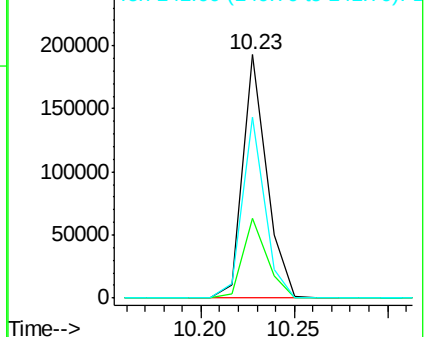
141 74.2 55.0 82.6

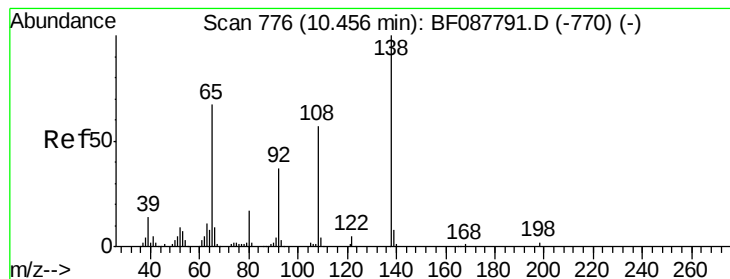


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 37.61 ng

RT: 10.27 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF088239.D

Acq: 22 Jun 2016 4:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

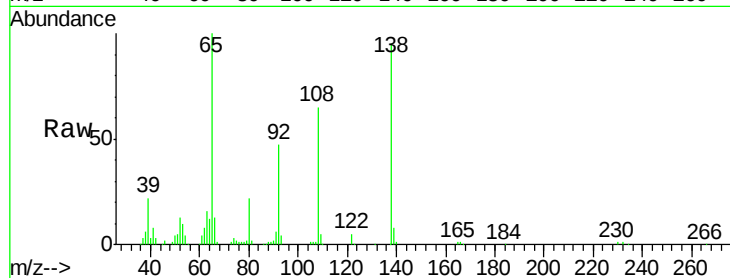
Tgt Ion:138 Resp: 107724

Ion Ratio Lower Upper

138 100

92 49.2 27.3 67.3

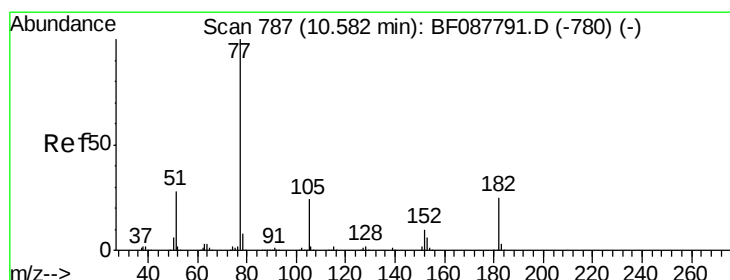
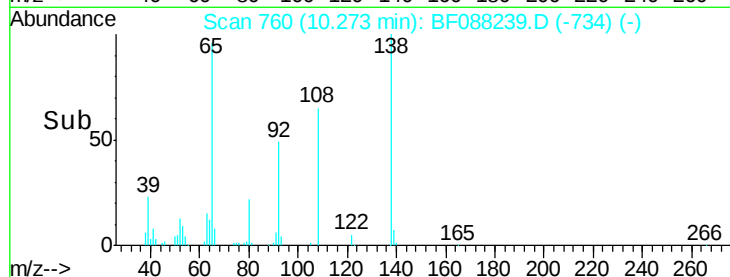
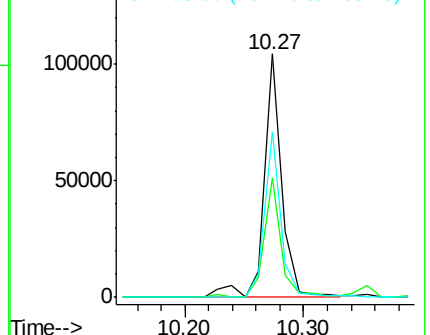
108 68.0 46.7 86.7



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: 38.47 ng

RT: 10.39 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF088239.D

Acq: 22 Jun 2016 4:50

Tgt Ion: 77 Resp: 439981

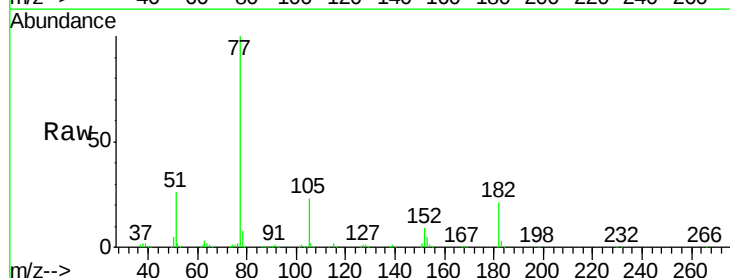
Ion Ratio Lower Upper

77 100

182 20.7 4.4 44.4

105 23.3 3.8 43.8

51 26.3 9.3 49.3

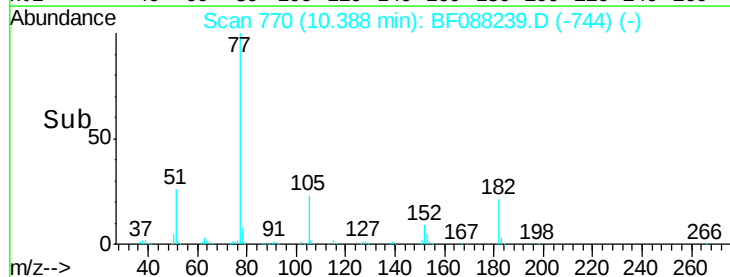
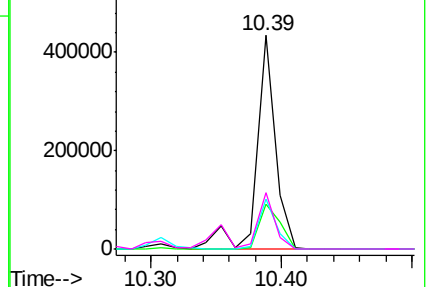


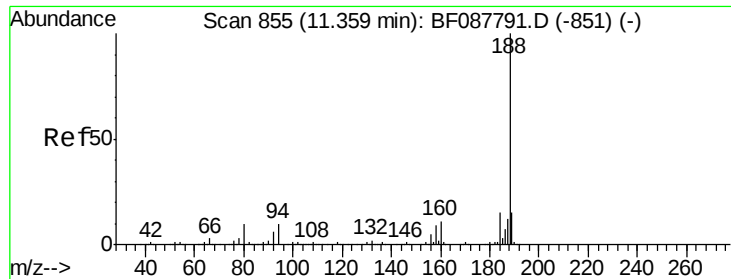
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.16 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF088239.D

Acq: 22 Jun 2016 4:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

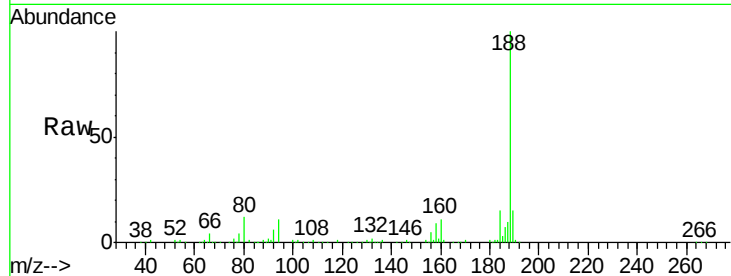
Tgt Ion:188 Resp: 293715

Ion Ratio Lower Upper

188 100

94 11.3 9.0 13.6

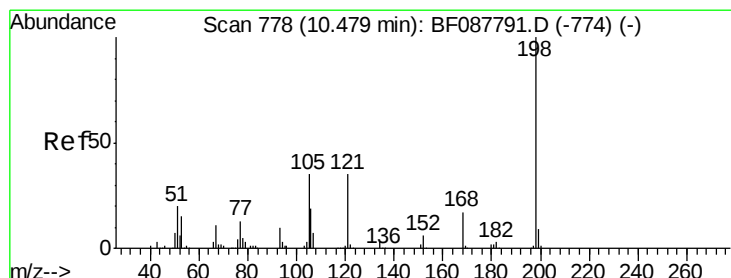
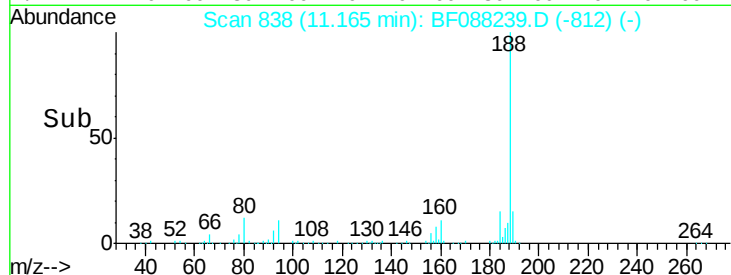
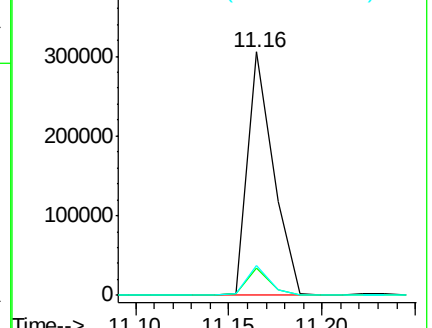
80 12.2 10.0 15.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 34.71 ng

RT: 10.31 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF088239.D

Acq: 22 Jun 2016 4:50

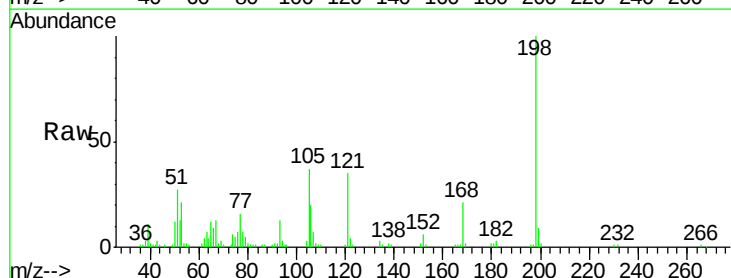
Tgt Ion:198 Resp: 62492

Ion Ratio Lower Upper

198 100

51 26.7 39.6 79.6#

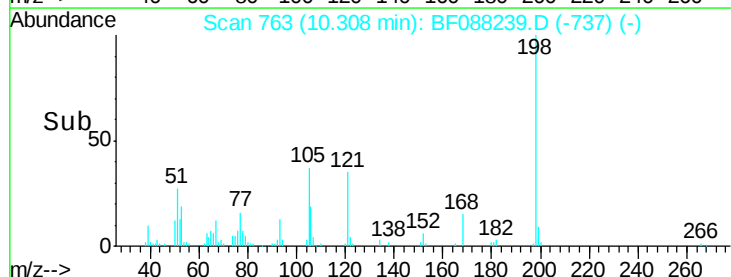
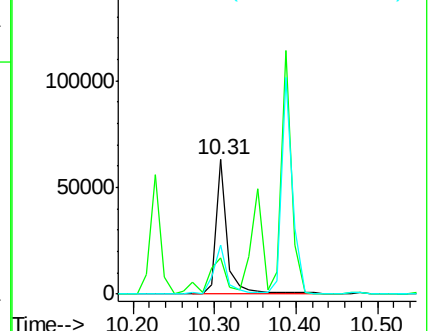
105 36.7 36.6 76.6

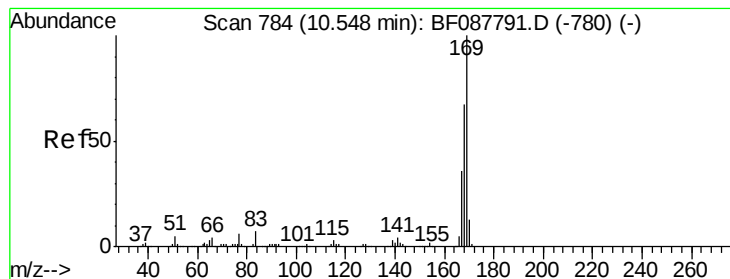


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 38.96 ng

RT: 10.35 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF088239.D

Acq: 22 Jun 2016 4:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

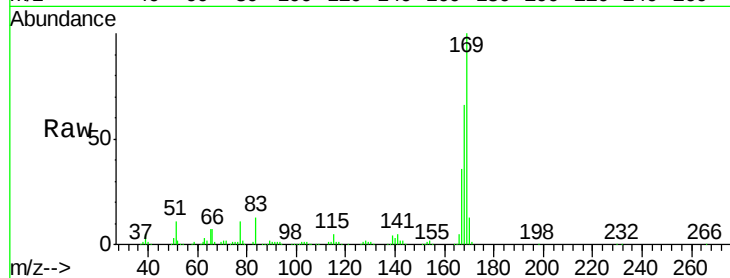
Tgt Ion:169 Resp: 379707

Ion Ratio Lower Upper

169 100

168 66.2 53.4 80.0

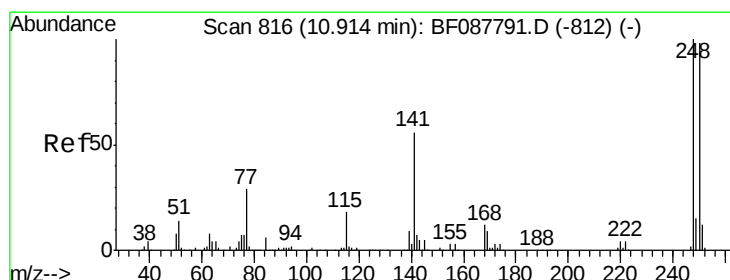
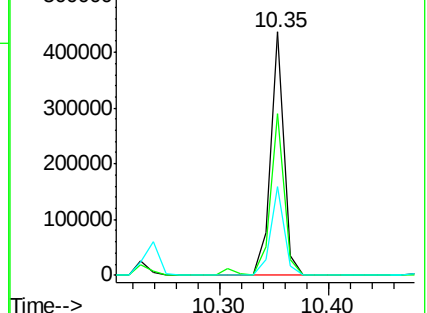
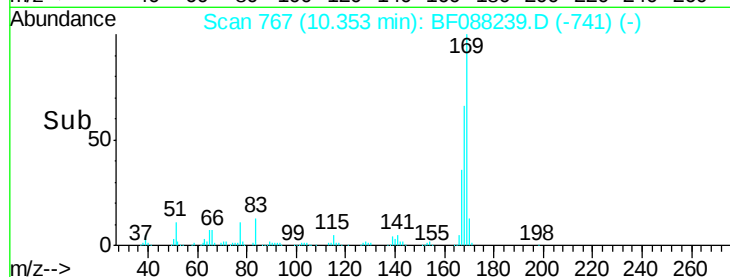
167 36.4 29.4 44.0



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: 38.03 ng

RT: 10.72 min Scan# 799

Delta R.T. 0.00 min

Lab File: BF088239.D

Acq: 22 Jun 2016 4:50

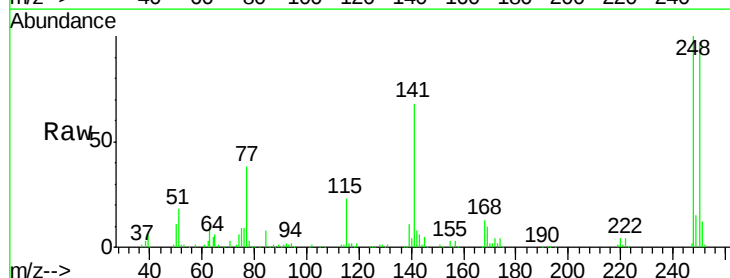
Tgt Ion:248 Resp: 119827

Ion Ratio Lower Upper

248 100

250 96.8 77.1 115.7

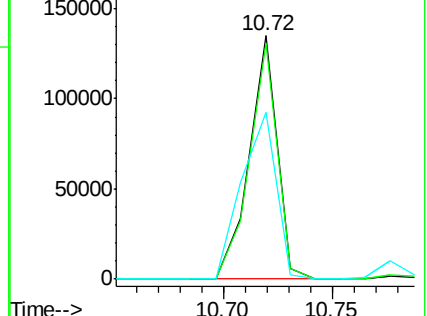
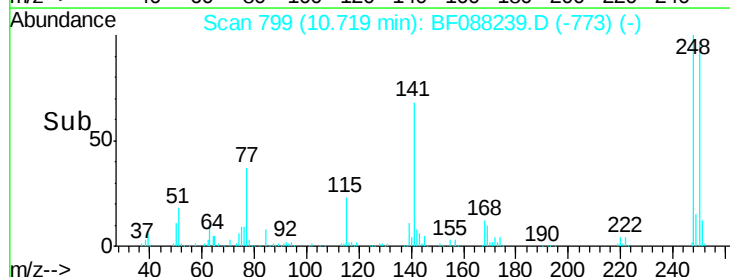
141 68.3 50.6 76.0



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

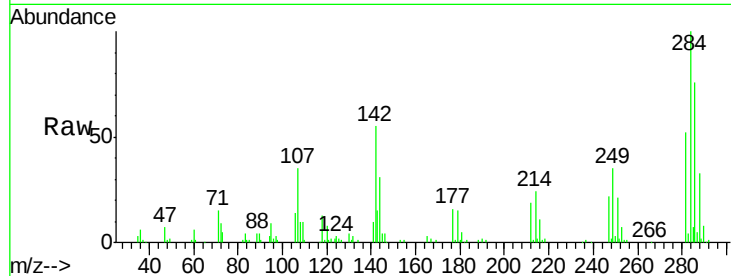




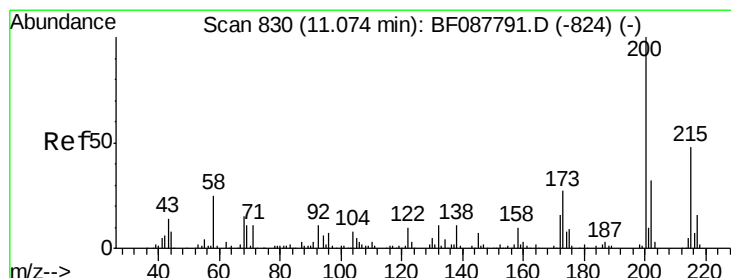
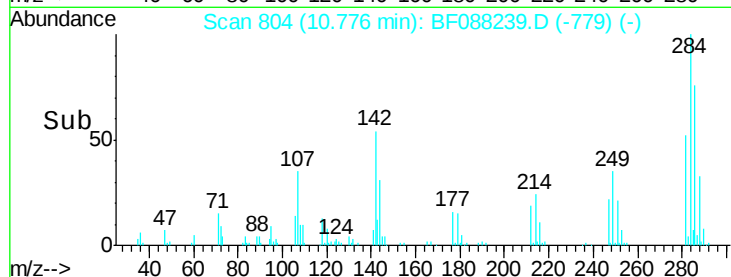
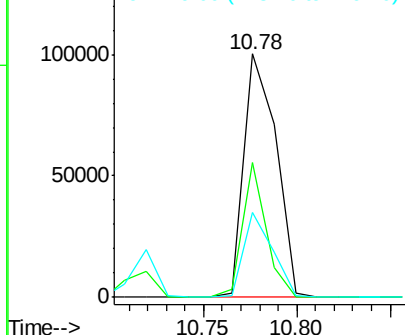
#67
Hexachlorobenzene
Concen: 36.63 ng
RT: 10.78 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF088239.D
Acq: 22 Jun 2016 4:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:284 Resp: 119929
Ion Ratio Lower Upper
284 100
142 55.1 35.8 53.8#
249 34.9 25.8 38.6

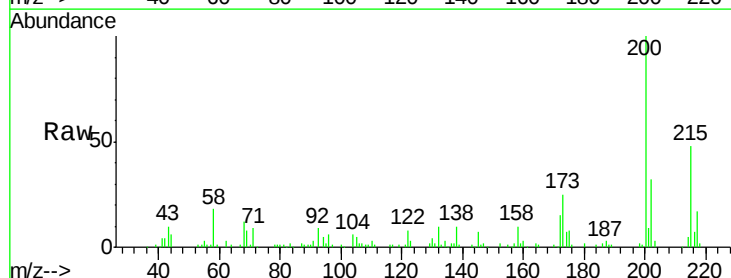


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

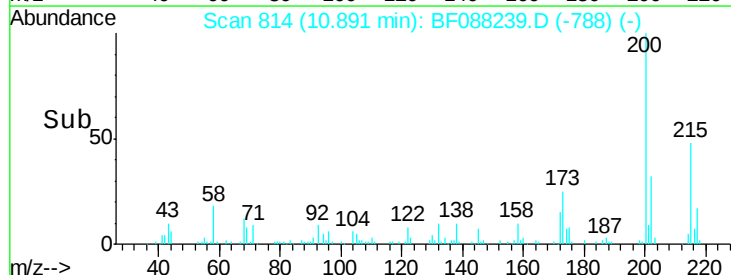
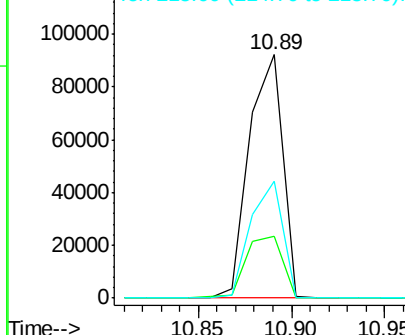


#68
Atrazine
Concen: 38.81 ng
RT: 10.89 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF088239.D
Acq: 22 Jun 2016 4:50

Tgt Ion:200 Resp: 114524
Ion Ratio Lower Upper
200 100
173 25.2 4.0 44.0
215 48.0 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

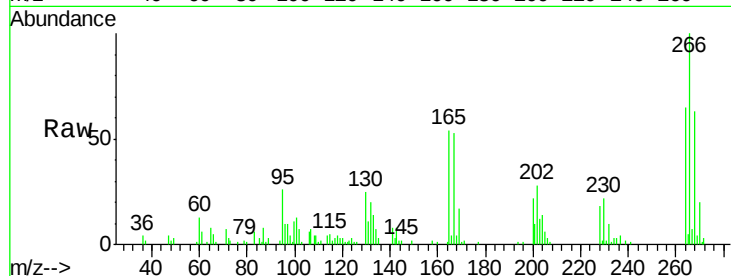




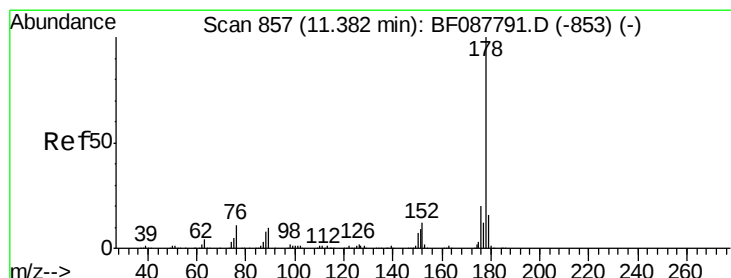
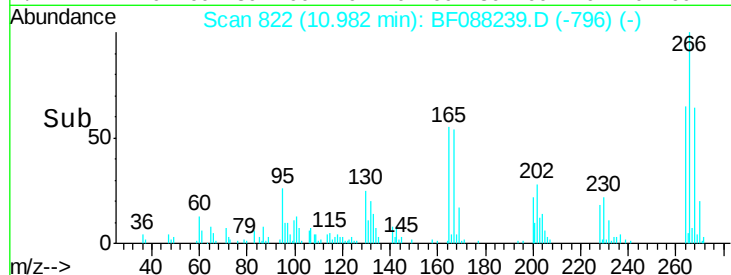
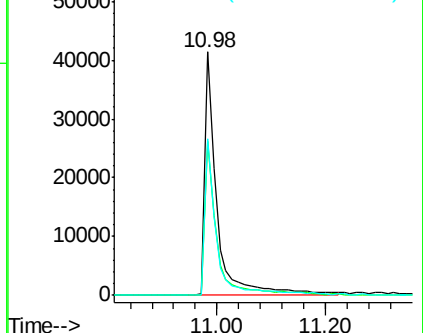
#69
 Pentachlorophenol
 Concen: 37.57 ng
 RT: 10.98 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF088239.D
 Acq: 22 Jun 2016 4:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:266 Resp: 64834
 Ion Ratio Lower Upper
 266 100
 268 63.0 52.8 79.2
 264 64.5 49.6 74.4

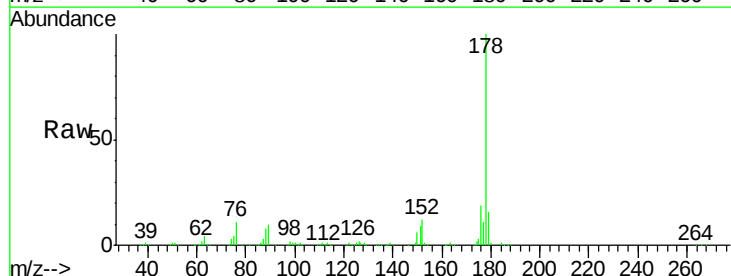


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

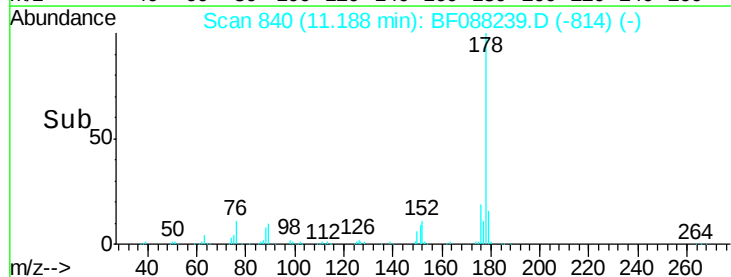
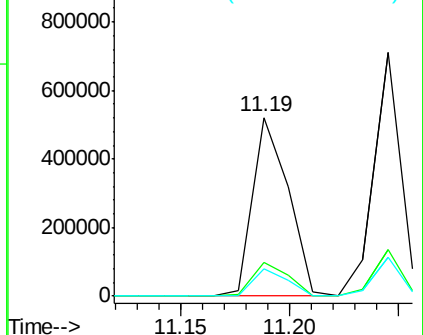


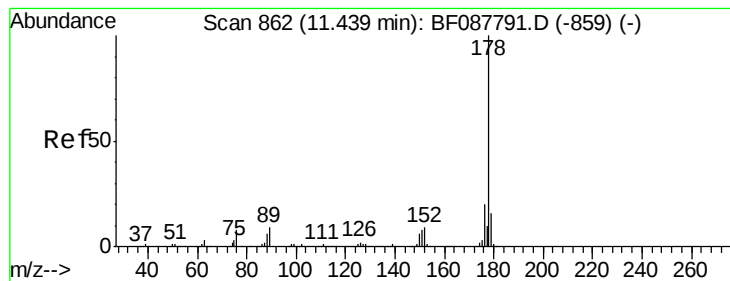
#70
 Phenanthrene
 Concen: 38.77 ng
 RT: 11.19 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF088239.D
 Acq: 22 Jun 2016 4:50

Tgt Ion:178 Resp: 597497
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.8 23.6
 179 15.6 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: 40.35 ng

RT: 11.24 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF088239.D

Acq: 22 Jun 2016 4:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

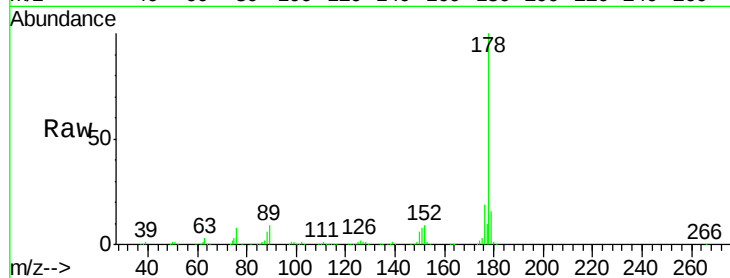
Tgt Ion:178 Resp: 627336

Ion Ratio Lower Upper

178 100

176 19.2 15.6 23.4

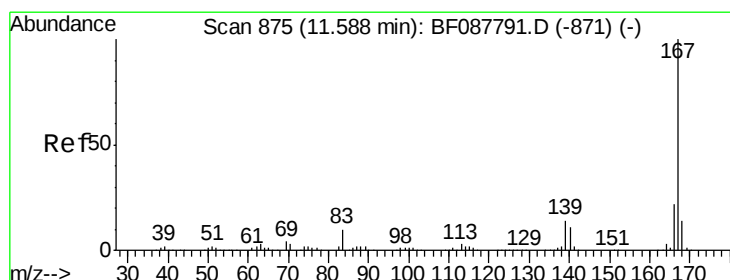
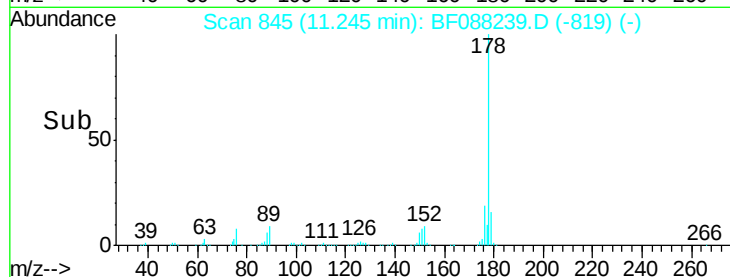
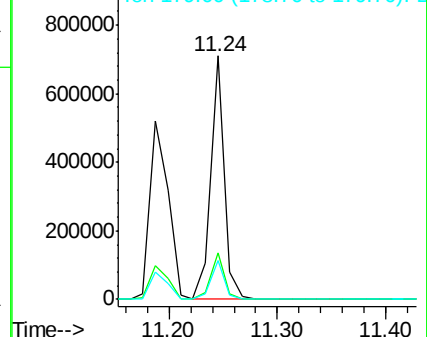
179 15.9 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 39.90 ng

RT: 11.40 min Scan# 859

Delta R.T. 0.00 min

Lab File: BF088239.D

Acq: 22 Jun 2016 4:50

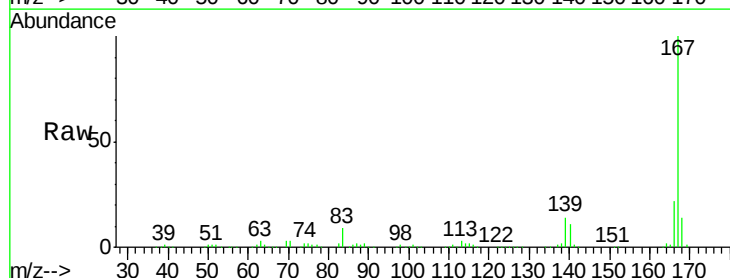
Tgt Ion:167 Resp: 580455

Ion Ratio Lower Upper

167 100

166 21.9 17.8 26.6

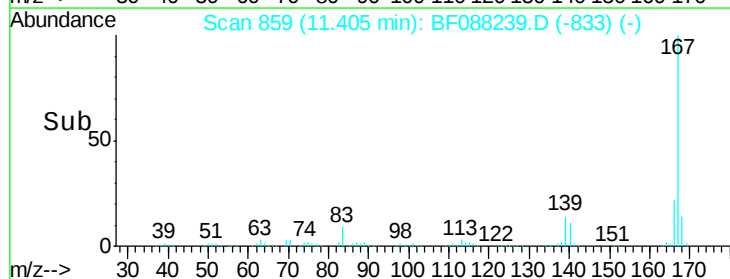
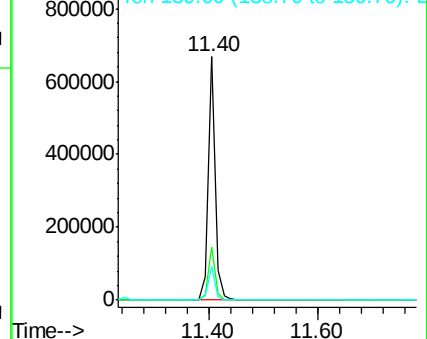
139 13.9 11.2 16.8

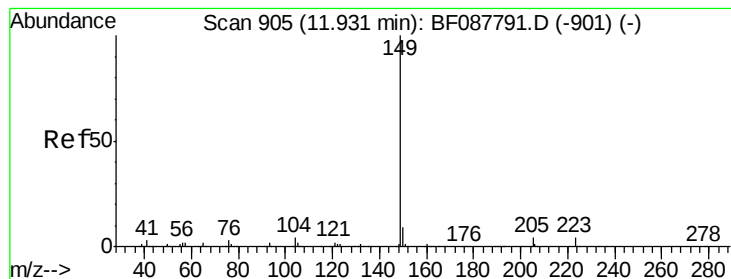


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 37.29 ng

RT: 11.74 min Scan# 888

Delta R.T. 0.00 min

Lab File: BF088239.D

Acq: 22 Jun 2016 4:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

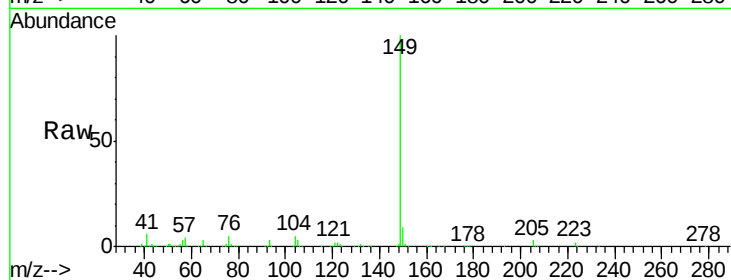
Tgt Ion:149 Resp: 686711

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

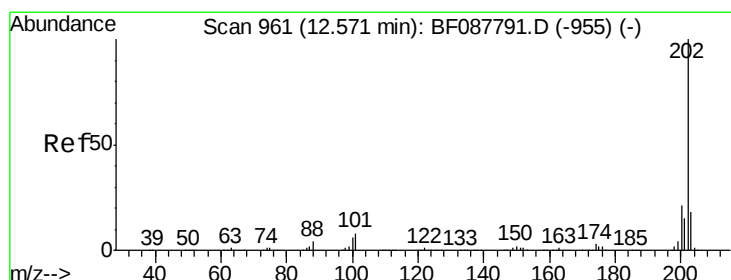
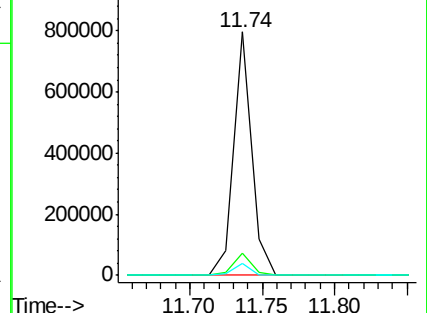
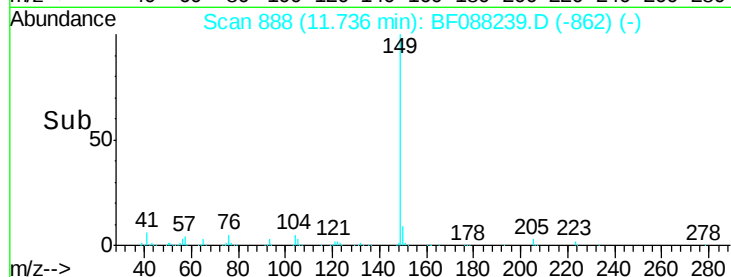
104 4.8 4.0 6.0



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: 38.74 ng

RT: 12.38 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF088239.D

Acq: 22 Jun 2016 4:50

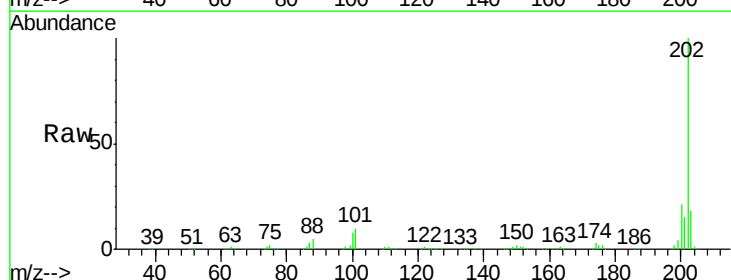
Tgt Ion:202 Resp: 630075

Ion Ratio Lower Upper

202 100

101 10.3 0.0 33.1

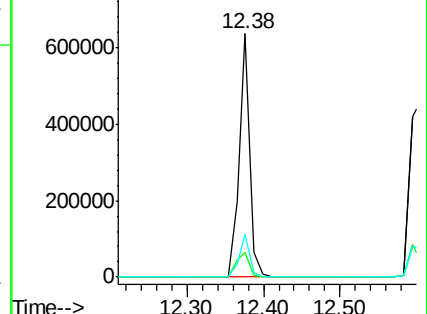
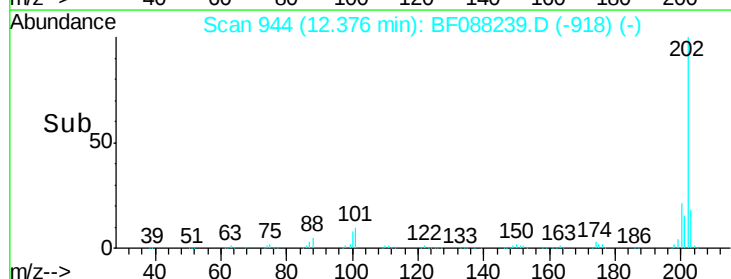
203 17.7 0.0 38.1

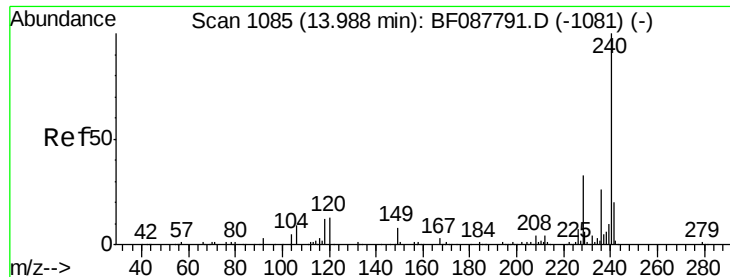


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.79 min Scan# 1068

Delta R.T. 0.00 min

Lab File: BF088239.D

Acq: 22 Jun 2016 4:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

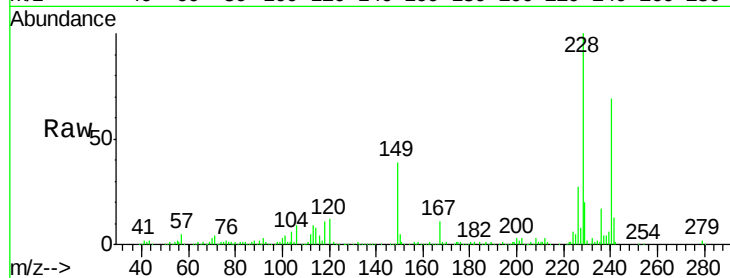
Tgt Ion:240 Resp: 198766

Ion Ratio Lower Upper

240 100

120 17.9 6.8 10.2#

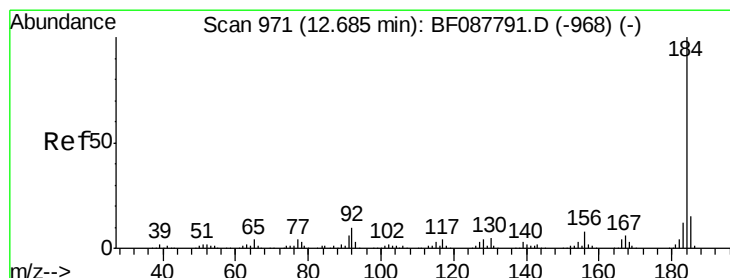
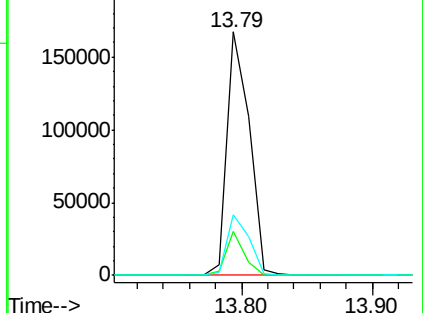
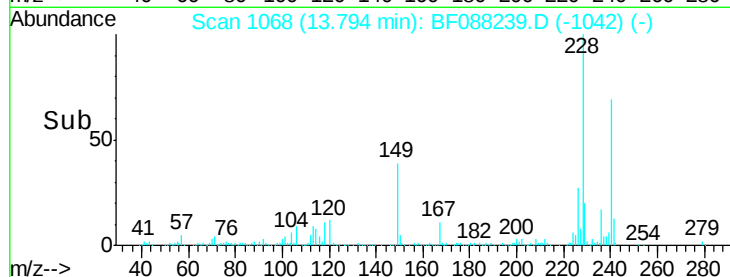
236 25.1 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 42.46 ng

RT: 12.50 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF088239.D

Acq: 22 Jun 2016 4:50

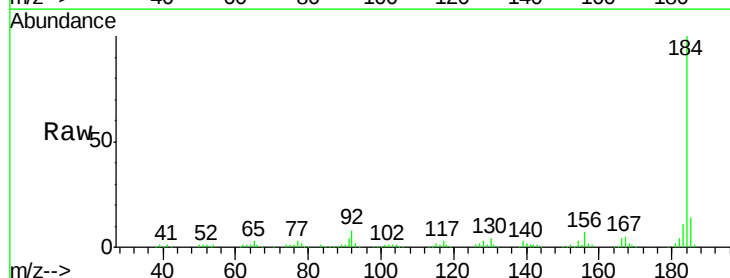
Tgt Ion:184 Resp: 233665

Ion Ratio Lower Upper

184 100

185 14.3 12.5 18.7

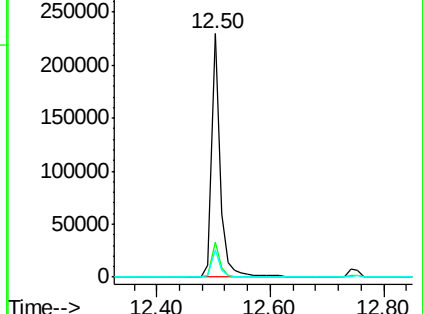
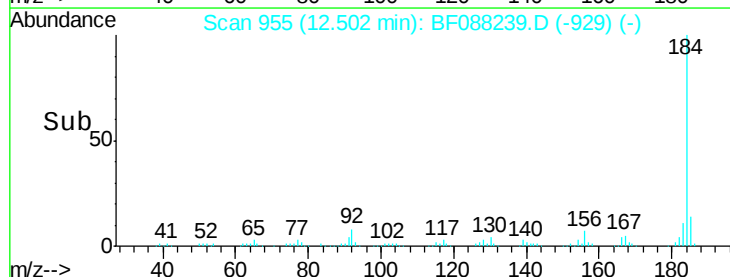
183 11.3 9.3 13.9

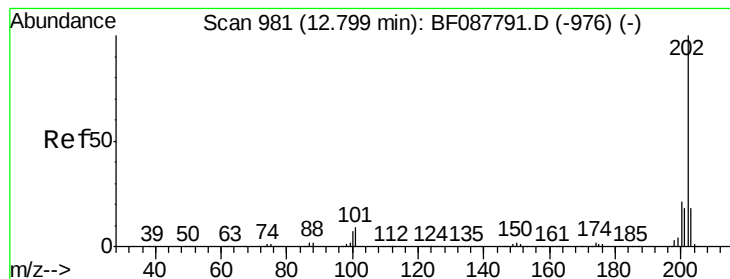


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 42.94 ng

RT: 12.61 min Scan# 964

Delta R.T. 0.00 min

Lab File: BF088239.D

Acq: 22 Jun 2016 4:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

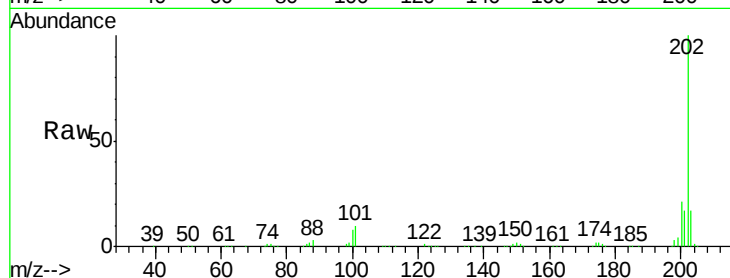
Tgt Ion: 202 Resp: 633397

Ion Ratio Lower Upper

202 100

200 21.2 17.4 26.2

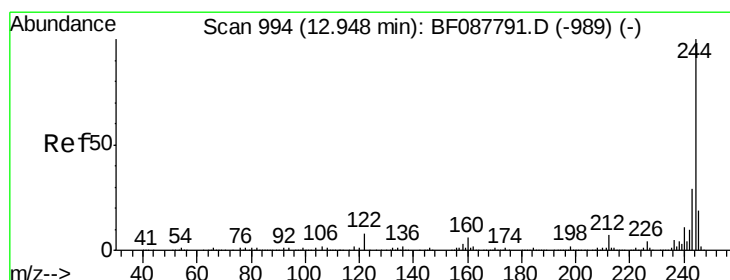
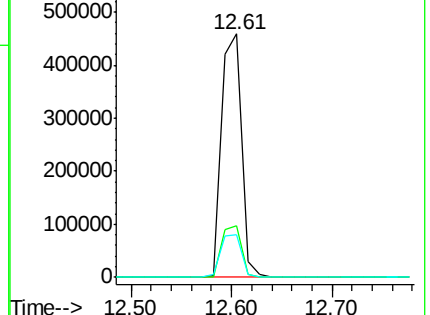
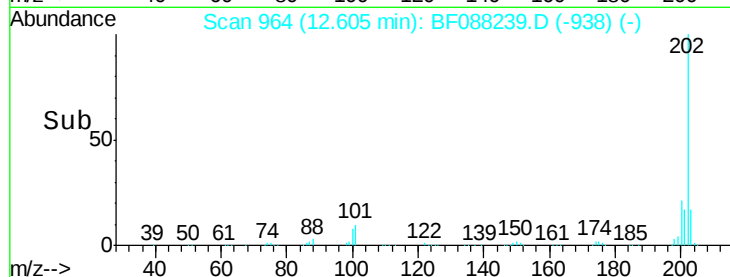
203 17.3 14.5 21.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 82.08 ng

RT: 12.75 min Scan# 977

Delta R.T. 0.00 min

Lab File: BF088239.D

Acq: 22 Jun 2016 4:50

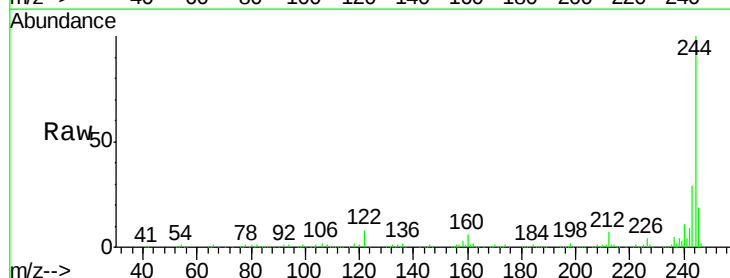
Tgt Ion: 244 Resp: 716940

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

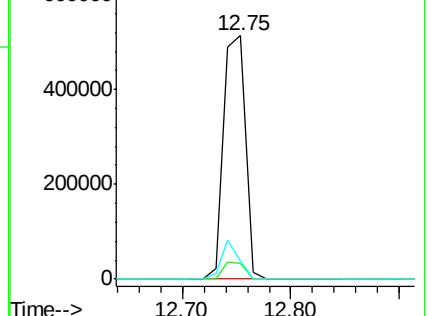
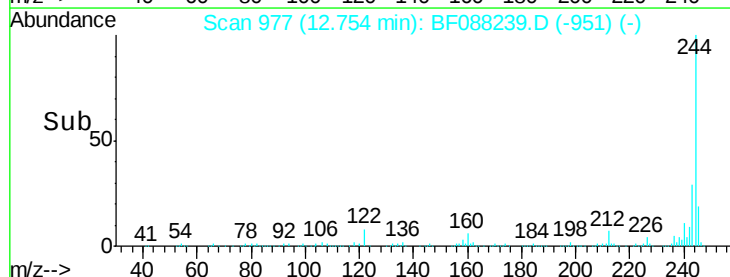
122 7.8 11.2 16.8#



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: 42.85 ng

RT: 13.22 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF088239.D

Acq: 22 Jun 2016 4:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

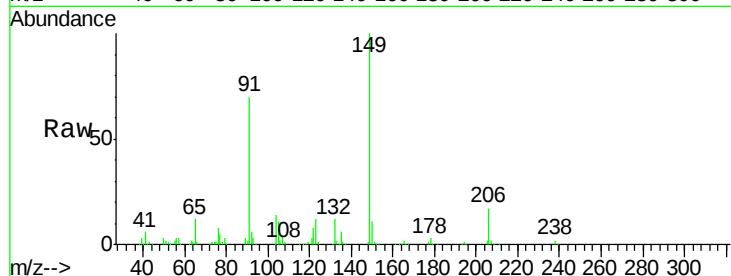
Tgt Ion:149 Resp: 279424

Ion Ratio Lower Upper

149 100

91 70.0 48.0 72.0

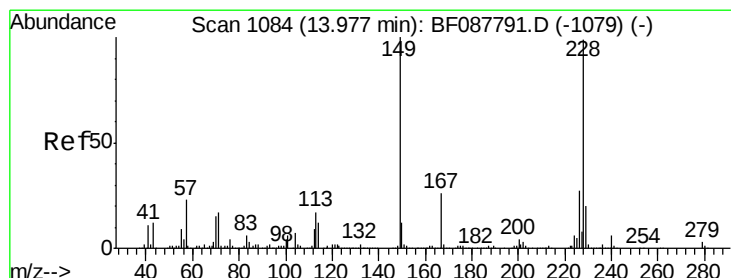
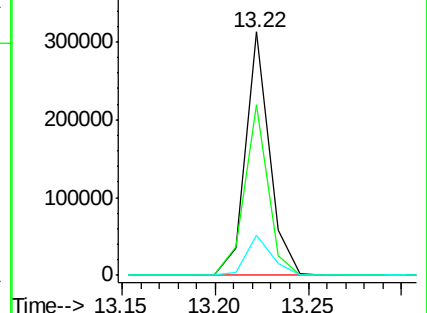
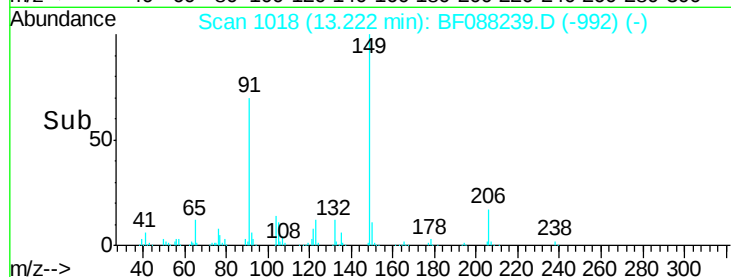
206 16.7 16.0 24.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 38.72 ng

RT: 13.78 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BF088239.D

Acq: 22 Jun 2016 4:50

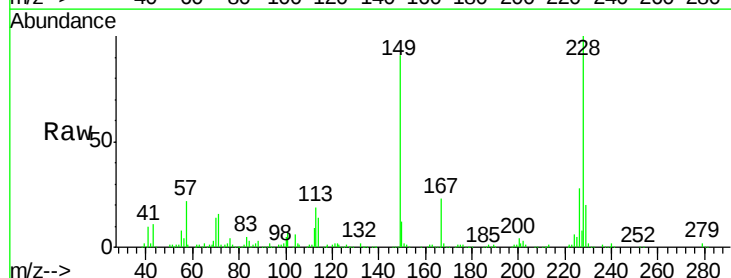
Tgt Ion:228 Resp: 438569

Ion Ratio Lower Upper

228 100

226 27.6 22.3 33.5

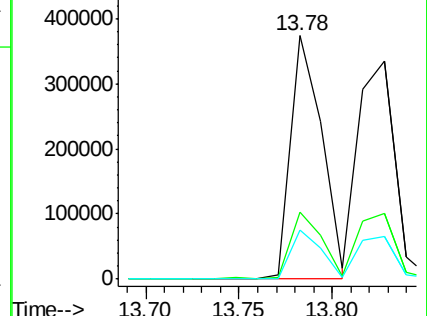
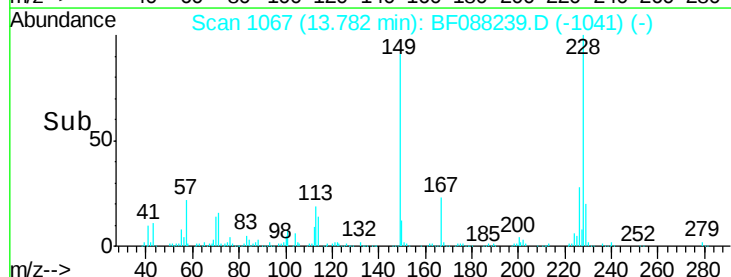
229 19.9 16.0 24.0

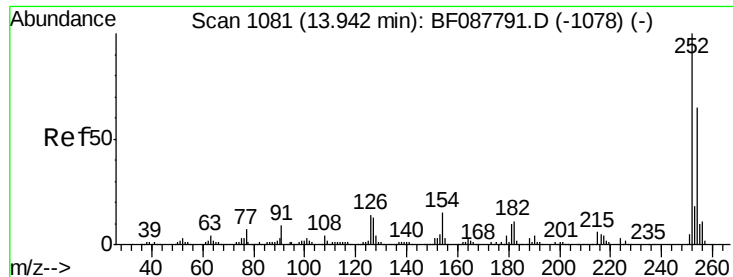


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

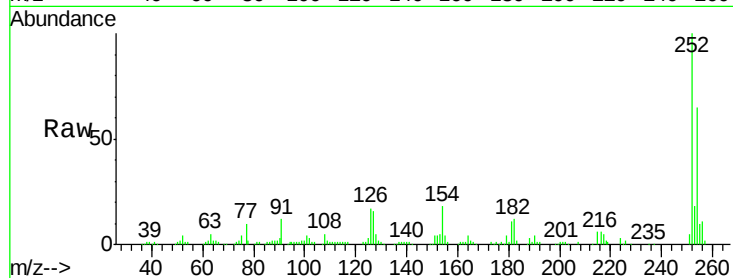




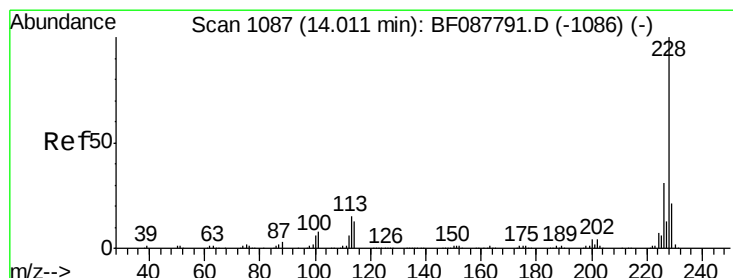
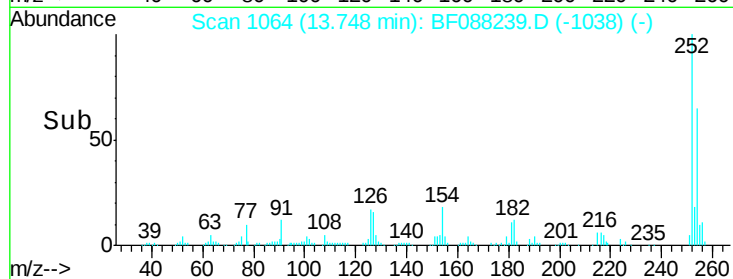
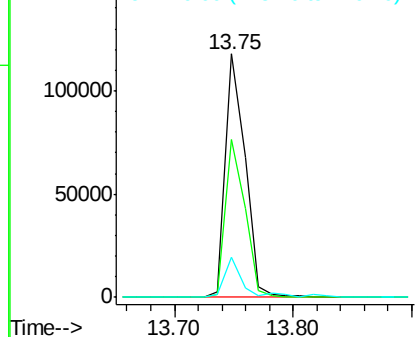
#81
 3,3'-Dichlorobenzidine
 Concen: 44.30 ng
 RT: 13.75 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BF088239.D
 Acq: 22 Jun 2016 4:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

Tgt Ion: 252 Resp: 134943
 Ion Ratio Lower Upper
 252 100
 254 65.0 52.6 78.8
 126 16.5 6.2 9.2#

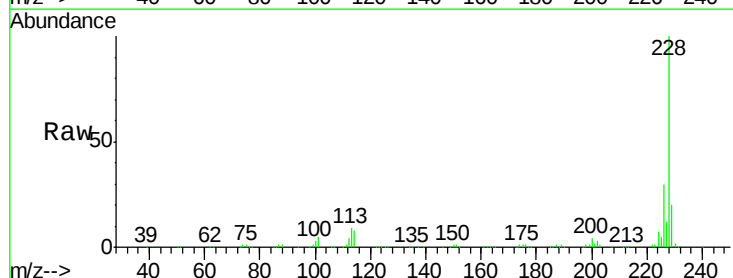


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

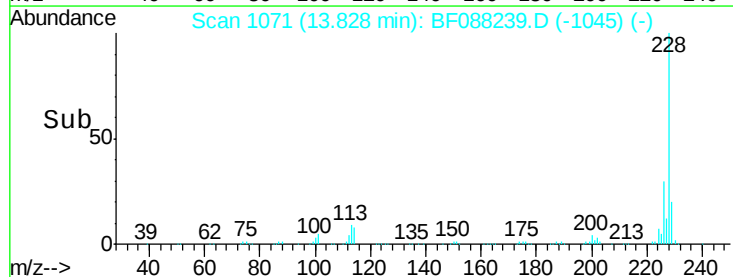
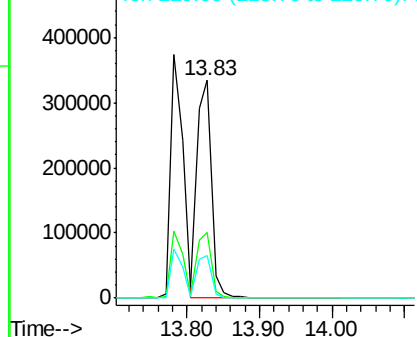


#82
 Chrysene
 Concen: 43.81 ng
 RT: 13.83 min Scan# 1071
 Delta R.T. 0.00 min
 Lab File: BF088239.D
 Acq: 22 Jun 2016 4:50

Tgt Ion: 228 Resp: 466899
 Ion Ratio Lower Upper
 228 100
 226 30.0 25.4 38.2
 229 19.7 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.38 ng

RT: 13.78 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BF088239.D

Acq: 22 Jun 2016 4:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

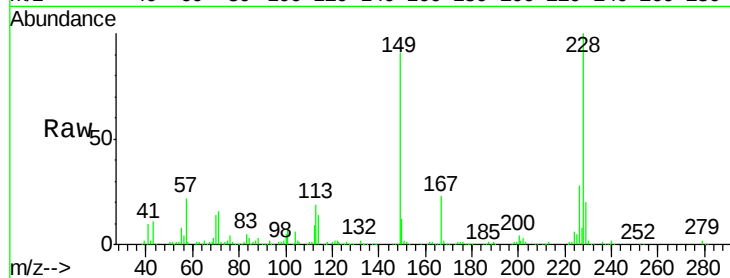
Tgt Ion:149 Resp: 328480

Ion Ratio Lower Upper

149 100

167 25.1 20.5 30.7

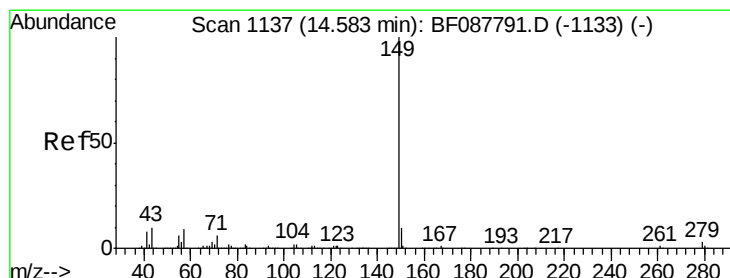
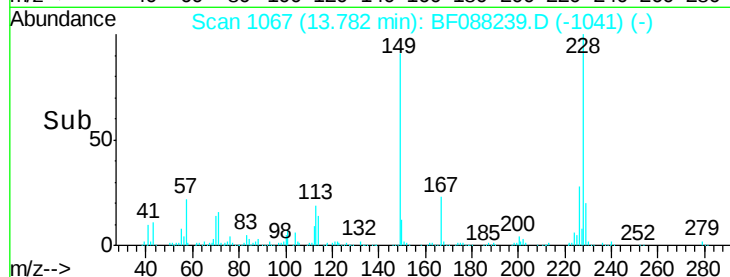
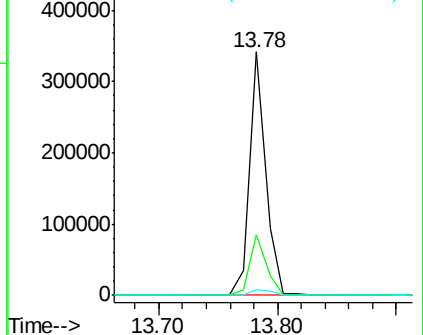
279 2.5 2.0 3.0



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: 42.70 ng

RT: 14.39 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BF088239.D

Acq: 22 Jun 2016 4:50

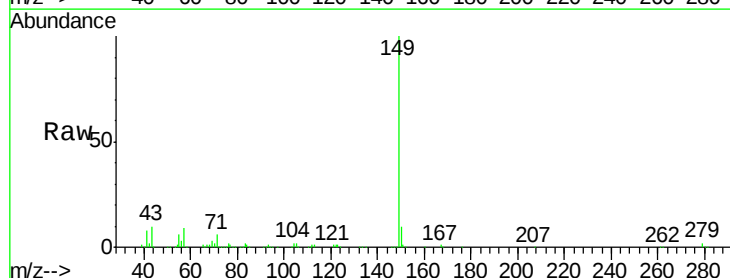
Tgt Ion:149 Resp: 550824

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

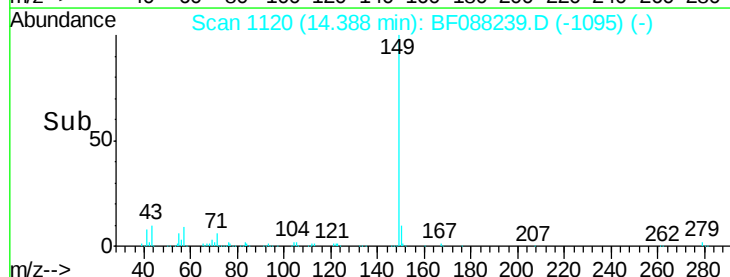
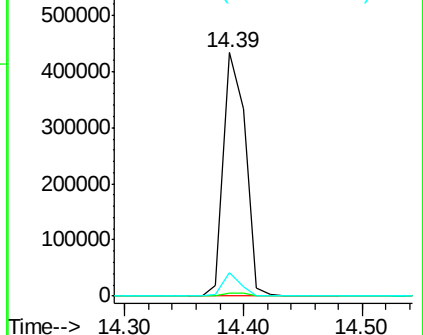
43 7.9 0.0 0.0#



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

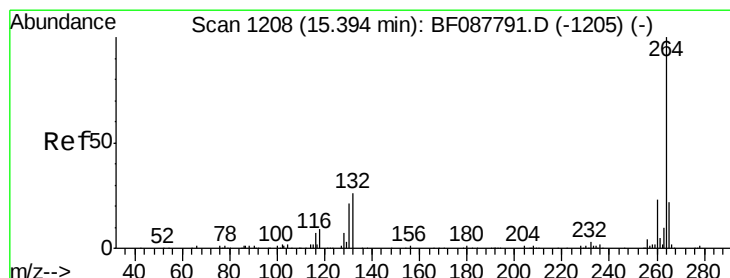
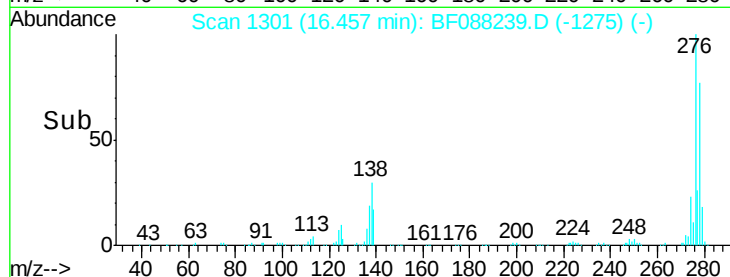
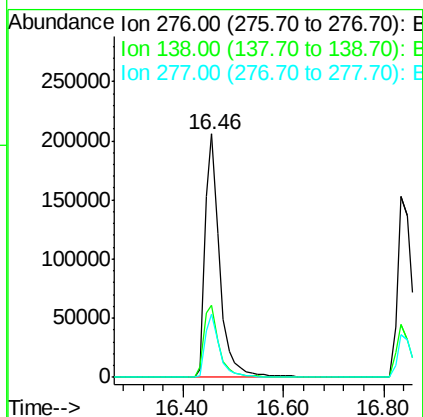
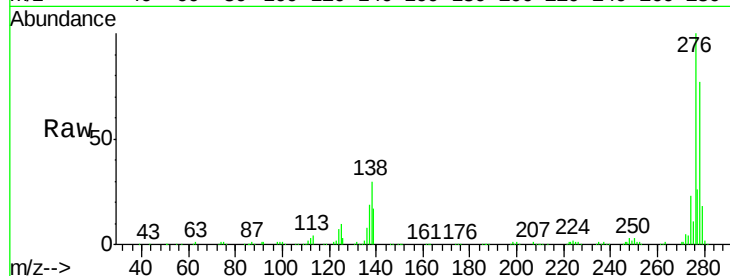




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.63 ng
 RT: 16.46 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BF088239.D
 Acq: 22 Jun 2016 4:50

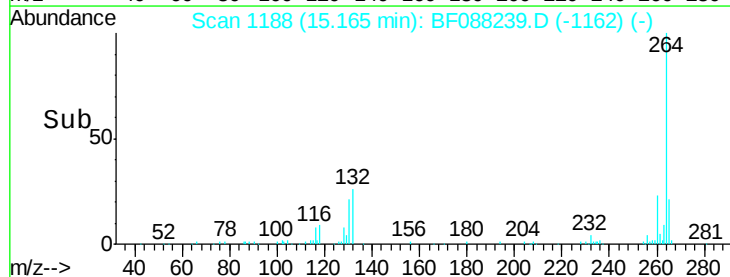
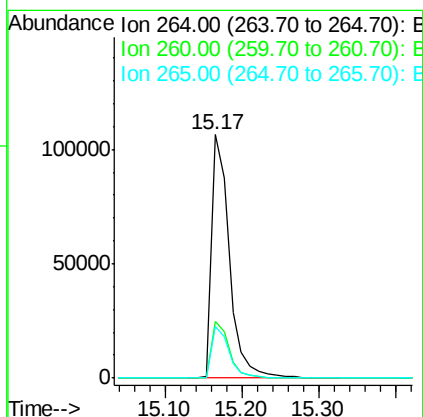
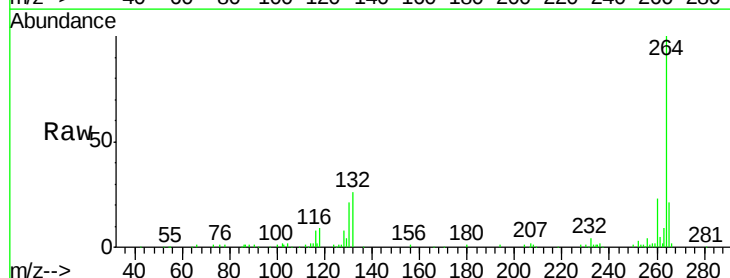
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

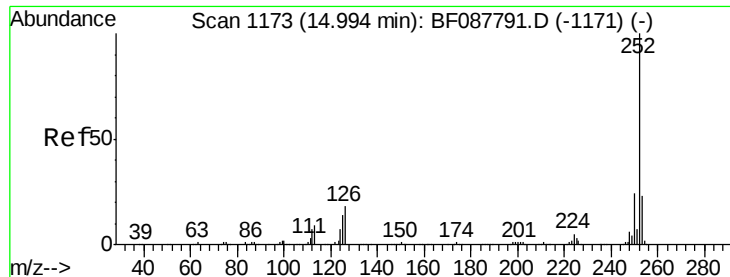
Tgt Ion: 276 Resp: 412156
 Ion Ratio Lower Upper
 276 100
 138 31.6 0.0 0.0#
 277 25.4 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.17 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF088239.D
 Acq: 22 Jun 2016 4:50

Tgt Ion: 264 Resp: 170164
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.3 16.9 25.3





#87

Benzo(b)fluoranthene

Concen: 66.89 ng

RT: 14.79 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF088239.D

Acq: 22 Jun 2016 4:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

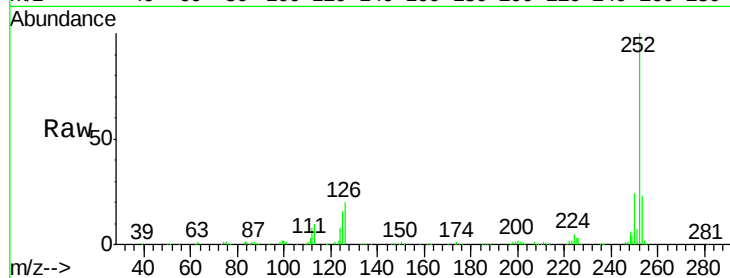
Tgt Ion:252 Resp: 793376

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.2

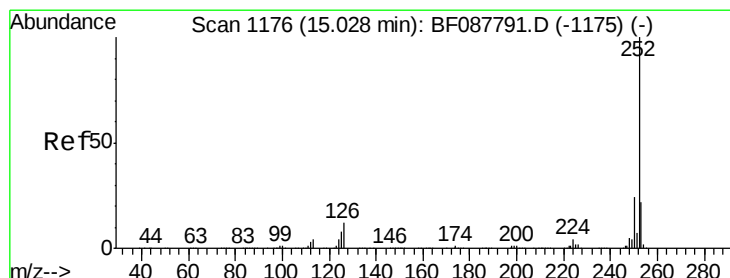
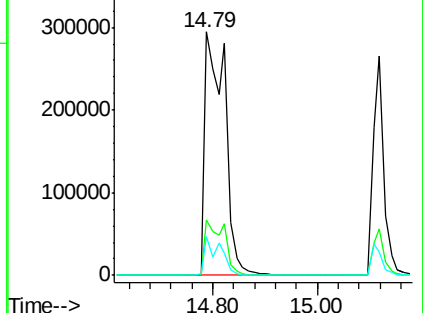
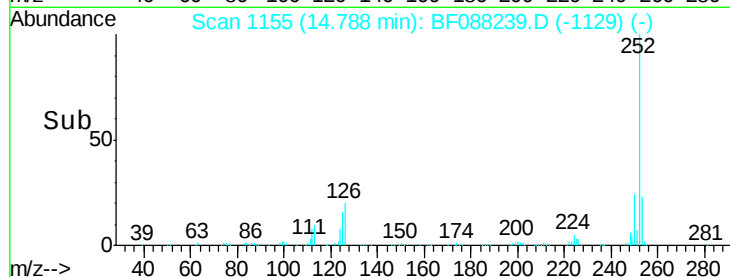
125 16.0 7.1 10.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 88.68 ng

RT: 14.79 min Scan# 1155

Delta R.T. -0.03 min

Lab File: BF088239.D

Acq: 22 Jun 2016 4:50

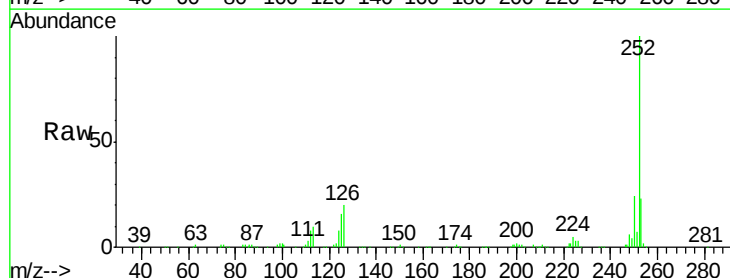
Tgt Ion:252 Resp: 793386

Ion Ratio Lower Upper

252 100

253 22.5 18.0 27.0

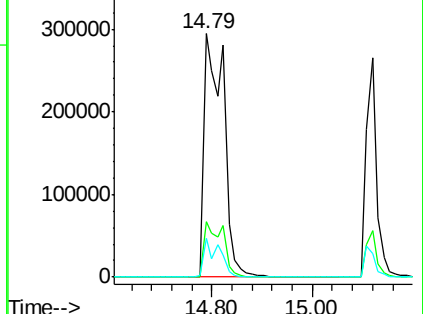
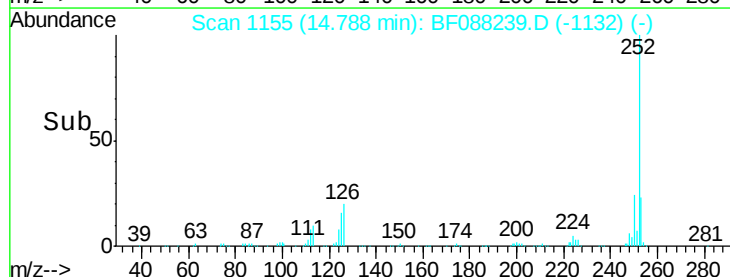
125 16.0 11.2 16.8

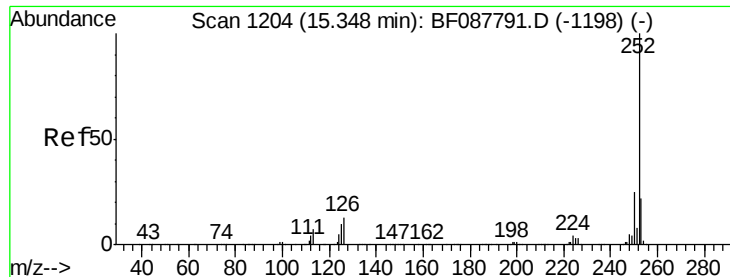


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 40.18 ng

RT: 15.12 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF088239.D

Acq: 22 Jun 2016 4:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

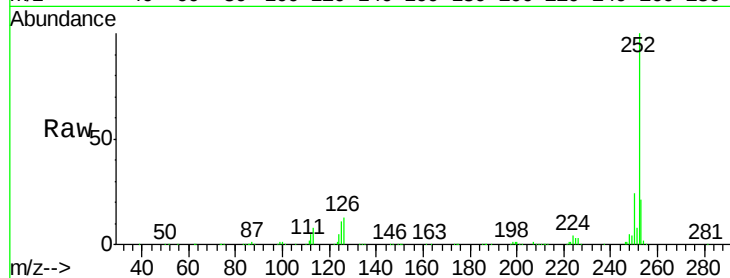
Tgt Ion:252 Resp: 385574

Ion Ratio Lower Upper

252 100

253 21.5 17.9 26.9

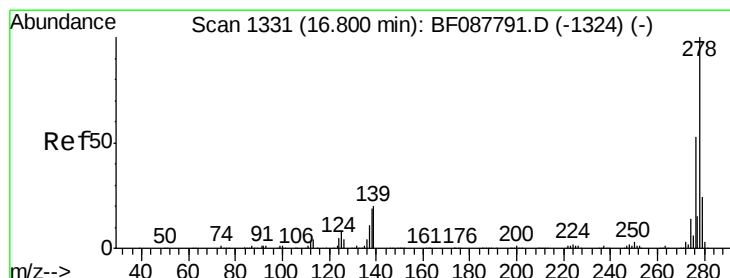
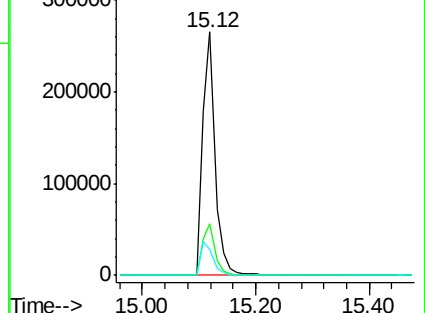
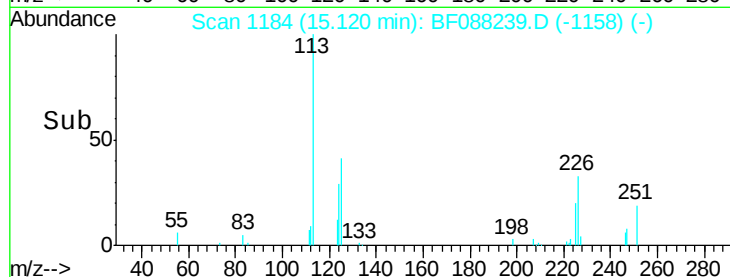
125 10.7 12.5 18.7#



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: 38.66 ng

RT: 16.46 min Scan# 1301

Delta R.T. 0.00 min

Lab File: BF088239.D

Acq: 22 Jun 2016 4:50

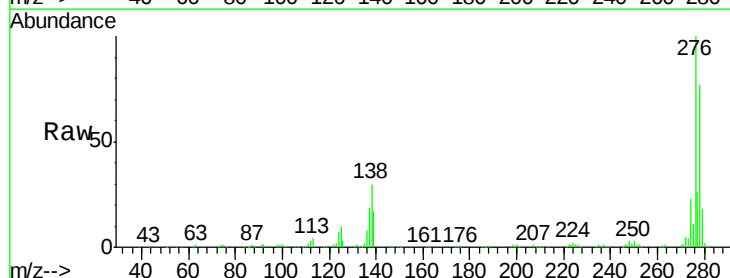
Tgt Ion:278 Resp: 344565

Ion Ratio Lower Upper

278 100

139 21.5 15.7 23.5

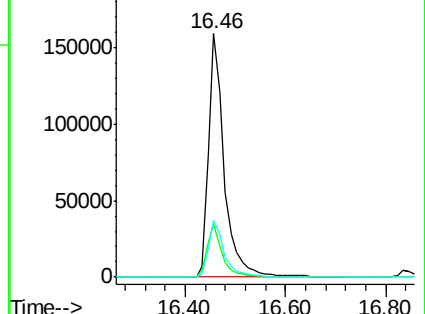
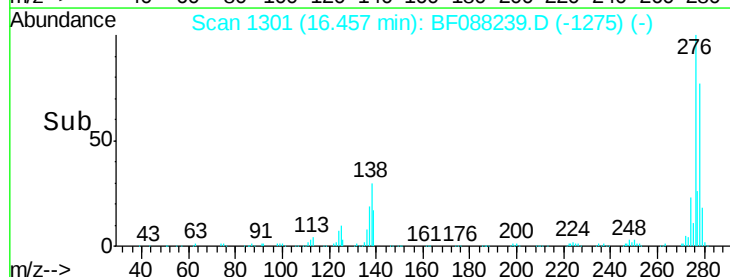
279 23.3 19.4 29.2

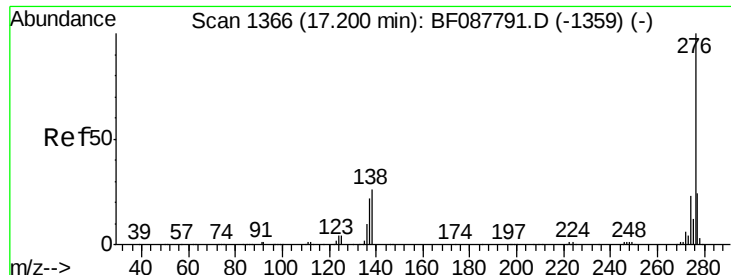


Abundance Ion 278.00 (277.70 to 278.70): E

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: 39.50 ng

RT: 16.83 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF088239.D

Acq: 22 Jun 2016 4:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

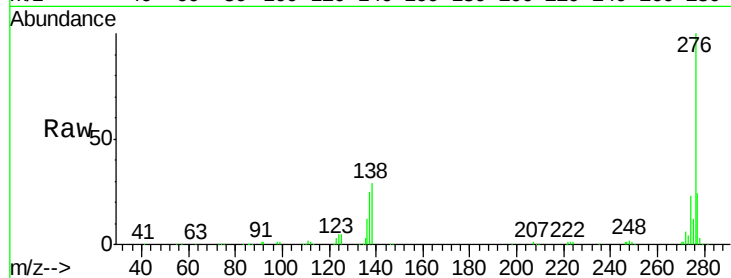
Tgt Ion: 276 Resp: 362133

Ion Ratio Lower Upper

276 100

277 23.9 18.9 28.3

138 29.2 21.4 32.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

