

Data Path : S:\HPCHEM1\BNA_F\DATA\BF031016\
 Data File : BF085367.D
 Acq On : 11 Mar 2016 9:50
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Mar 11 10:22:41 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	184611	20.00	ng	-0.05
21) Naphthalene-d8	8.23	136	733423	20.00	ng	-0.03
38) Acenaphthene-d10	9.98	164	303022	20.00	ng	-0.05
63) Phenanthrene-d10	11.46	188	499951	20.00	ng	-0.05
75) Chrysene-d12	14.11	240	335066	20.00	ng	-0.05
86) Perylene-d12	15.57	264	330934	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	854588	77.65	ng	-0.05
7) Phenol-d6	6.57	99	1170459	81.17	ng	-0.03
23) Nitrobenzene-d5	7.51	82	1031782	75.28	ng	-0.03
41) 2,4,6-Tribromophenol	10.77	330	183342	70.71	ng	-0.05
44) 2-Fluorobiphenyl	9.30	172	1541254	77.35	ng	-0.05
78) Terphenyl-d14	13.05	244	1109499	76.87	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.60	88	211183	37.52	ng	98
3) Pyridine	3.35	79	566956	40.25	ng	98
4) n-Nitrosodimethylamine	3.30	42	226677	37.60	ng	100
6) Aniline	6.61	93	794803	39.33	ng	94
8) 2-Chlorophenol	6.72	128	492500	37.17	ng	96
9) Benzaldehyde	6.48	77	268874	39.52	ng	95
10) Phenol	6.58	94	725827	47.00	ng	93
11) bis(2-Chloroethyl)ether	6.68	93	491300	38.30	ng	97
12) 1,3-Dichlorobenzene	6.96	146	582997	40.98	ng	99
13) 1,4-Dichlorobenzene	6.96	146	582997	40.89	ng	94
14) 1,2-Dichlorobenzene	7.11	146	473755	36.62	ng	96
15) Benzyl Alcohol	7.08	79	399424	37.74	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.21	45	687035	37.16	ng	100
17) 2-Methylphenol	7.19	107	396173	36.64	ng	96
18) Hexachloroethane	7.45	117	194170	36.92	ng	# 89
19) n-Nitroso-di-n-propylamine	7.36	70	370146	39.39	ng	98
20) 3+4-Methylphenols	7.35	107	506520	39.55	ng	# 78
22) Acetophenone	7.35	105	624696	34.90	ng	# 92
24) Nitrobenzene	7.52	77	495088	35.56	ng	95
25) Isophorone	7.76	82	959971	37.80	ng	99
26) 2-Nitrophenol	7.84	139	274425	40.50	ng	# 79
27) 2,4-Dimethylphenol	7.88	122	457300	36.93	ng	96
28) bis(2-Chloroethoxy)methane	7.98	93	610761	43.18	ng	98
29) 2,4-Dichlorophenol	8.08	162	386278	38.68	ng	92
30) 1,2,4-Trichlorobenzene	8.17	180	438076	40.58	ng	95
31) Naphthalene	8.25	128	1465616	40.64	ng	99
32) Benzoic acid	7.99	122	287502	34.96	ng	99
33) 4-Chloroaniline	8.30	127	617755	42.35	ng	# 92
34) Hexachlorobutadiene	8.37	225	225348	40.11	ng	98
35) Caprolactam	8.68	113	131636	40.36	ng	# 84
36) 4-Chloro-3-methylphenol	8.78	107	425464	37.56	ng	# 82
37) 2-Methylnaphthalene	8.94	142	849482	36.71	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	396131	45.71	ng	98
40) Hexachlorocyclopentadiene	9.10	237	90243	19.31	ng	96

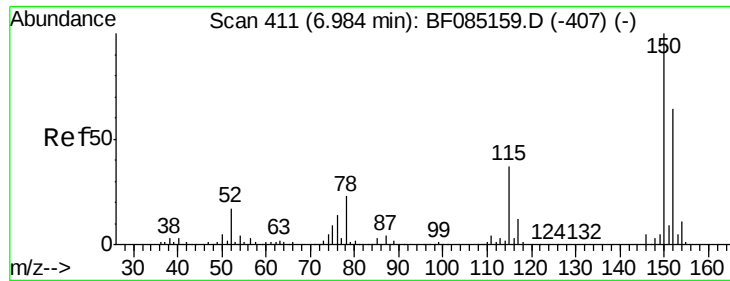
Data Path : S:\HPCHEM1\BNA_F\DATA\BF031016\
 Data File : BF085367.D
 Acq On : 11 Mar 2016 9:50
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Mar 11 10:22:41 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	252787	39.19	ng	97
43) 2,4,5-Trichlorophenol	9.26	196	261130	42.69	ng #	87
45) 1,1'-Biphenyl	9.41	154	1148890	44.38	ng	95
46) 2-Chloronaphthalene	9.43	162	817844	41.44	ng	96
47) 2-Nitroaniline	9.52	65	255110	41.72	ng #	86
48) Acenaphthylene	9.84	152	1186392	38.63	ng	99
49) Dimethylphthalate	9.70	163	954052	41.02	ng	99
50) 2,6-Dinitrotoluene	9.76	165	179882	36.15	ng #	80
51) Acenaphthene	10.01	154	709289	38.03	ng	100
52) 3-Nitroaniline	9.93	138	239301	40.20	ng	88
53) 2,4-Dinitrophenol	10.04	184	35457	20.66	ng #	47
54) Dibenzofuran	10.18	168	920351	37.67	ng	99
55) 4-Nitrophenol	10.08	139	140701	30.08	ng #	64
56) 2,4-Dinitrotoluene	10.16	165	240178	37.72	ng #	80
57) Fluorene	10.53	166	721878	37.61	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.30	232	156258	36.36	ng	99
59) Diethylphthalate	10.40	149	955473	42.33	ng	97
60) 4-Chlorophenyl-phenylether	10.52	204	372923	39.94	ng #	87
61) 4-Nitroaniline	10.55	138	221267	39.74	ng	82
62) Azobenzene	10.68	77	848941	38.18	ng	95
64) 4,6-Dinitro-2-methylphenol	10.57	198	67137	22.43	ng	79
65) n-Nitrosodiphenylamine	10.64	169	737850	47.45	ng	99
66) 4-Bromophenyl-phenylether	11.01	248	209363	43.13	ng #	83
67) Hexachlorobenzene	11.08	284	200684	38.75	ng #	78
68) Atrazine	11.17	200	224587	51.93	ng	95
69) Pentachlorophenol	11.27	266	119199	41.47	ng	99
70) Phenanthrene	11.49	178	986232	37.64	ng	99
71) Anthracene	11.54	178	1161033	41.74	ng	99
72) Carbazole	11.69	167	892769	36.60	ng	99
73) Di-n-butylphthalate	12.02	149	1277845	41.45	ng	99
74) Fluoranthene	12.68	202	913408	34.74	ng	98
76) Benzidine	12.79	184	455506	45.68	ng	99
77) Pyrene	12.91	202	884953	35.09	ng	99
79) Butylbenzylphthalate	13.52	149	476206	41.62	ng	86
80) Benzo(a)anthracene	14.09	228	804341	40.10	ng	99
81) 3,3'-Dichlorobenzidine	14.06	252	275773	43.58	ng #	94
82) Chrysene	14.13	228	624331	33.69	ng	99
83) Bis(2-ethylhexyl)phthalate	14.08	149	605348	40.20	ng #	98
84) Di-n-octyl phthalate	14.69	149	968033	42.21	ng	99
85) Indeno(1,2,3-cd)pyrene	17.03	276	771767	53.37	ng	98
87) Benzo(b)fluoranthene	15.13	252	858196	38.91	ng	100
88) Benzo(k)fluoranthene	15.13	252	858196	48.23	ng	99
89) Benzo(a)pyrene	15.50	252	728247	39.84	ng #	94
90) Dibenzo(a,h)anthracene	17.04	278	659342	42.26	ng	99
91) Benzo(g,h,i)perylene	17.48	276	607812	38.74	ng #	93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 407

Delta R.T. -0.05 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

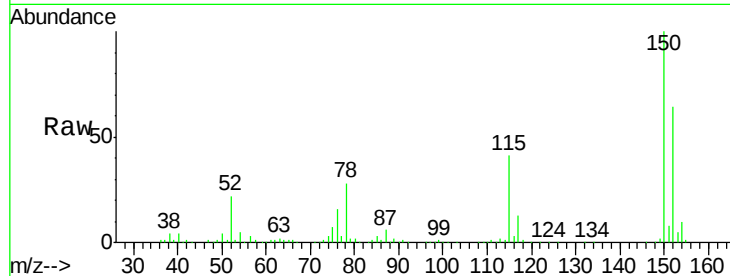
Tgt Ion: 152 Resp: 184611

Ion Ratio Lower Upper

152 100

150 156.5 124.6 186.8

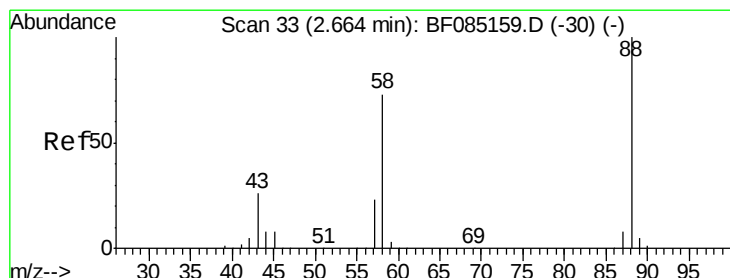
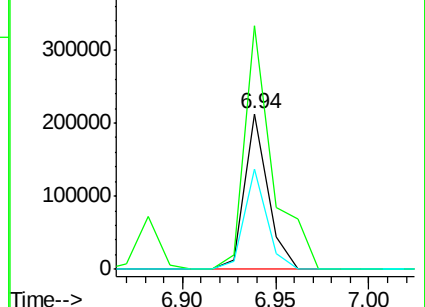
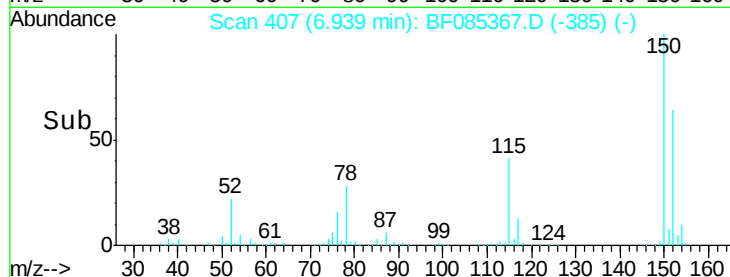
115 64.3 46.6 70.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 37.52 ng

RT: 2.60 min Scan# 27

Delta R.T. -0.07 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

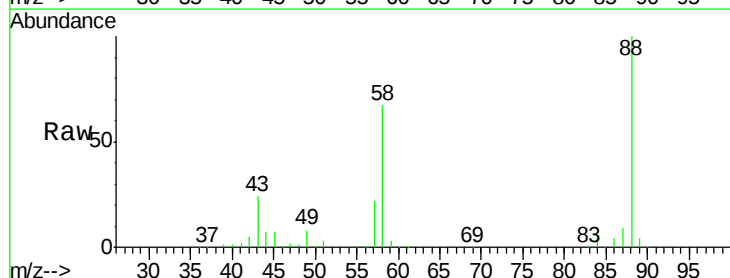
Tgt Ion: 88 Resp: 211183

Ion Ratio Lower Upper

88 100

58 69.3 57.0 85.6

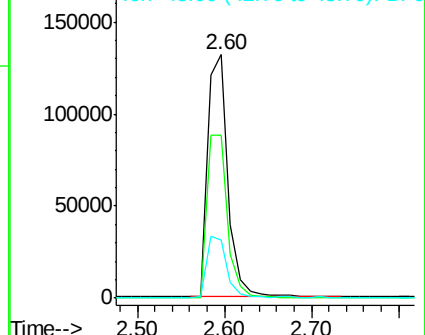
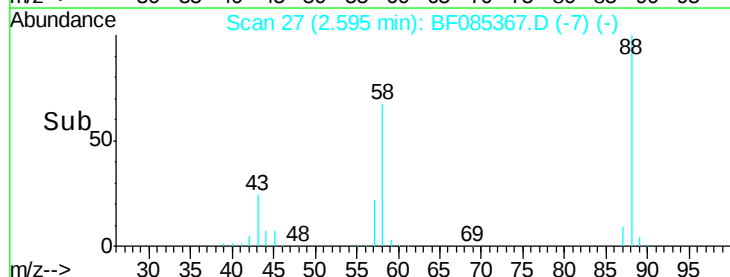
43 24.9 20.5 30.7

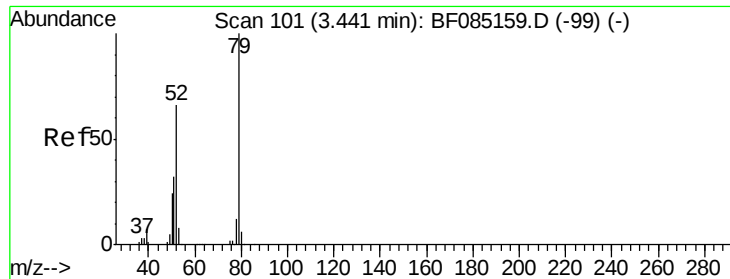


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

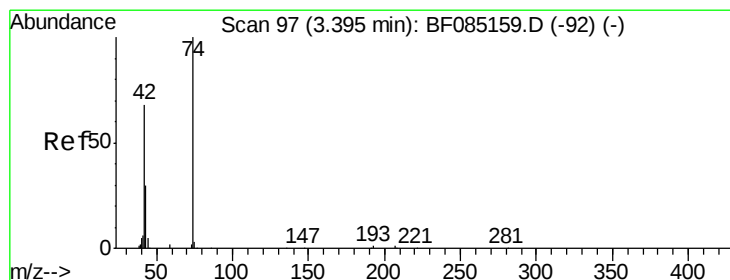
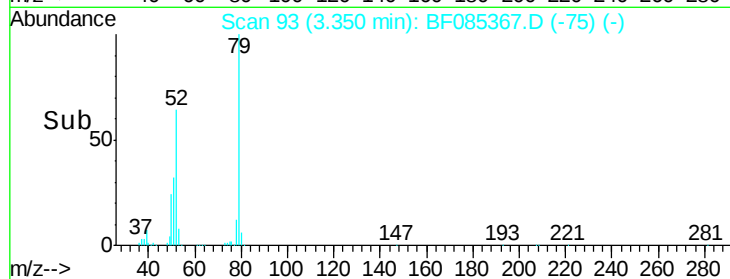
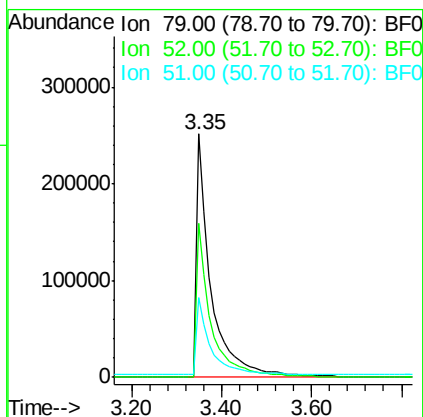
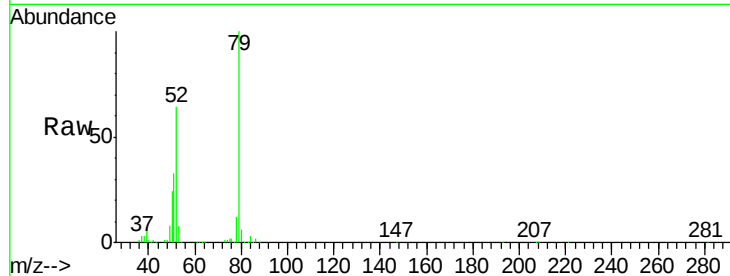




#3
 Pyridine
 Concen: 40.25 ng
 RT: 3.35 min Scan# 93
 Delta R.T. -0.09 min
 Lab File: BF085367.D
 Acq: 11 Mar 2016 9:50

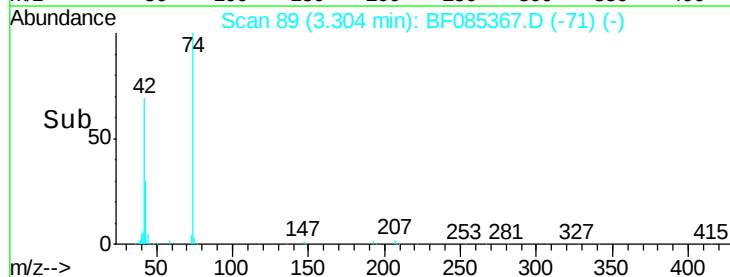
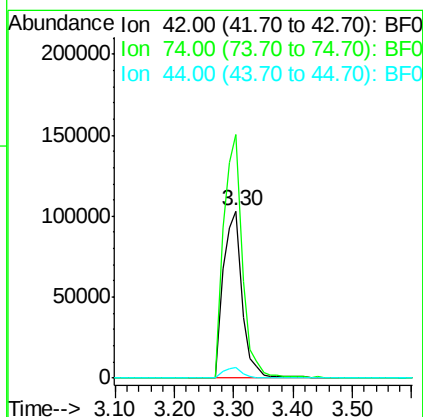
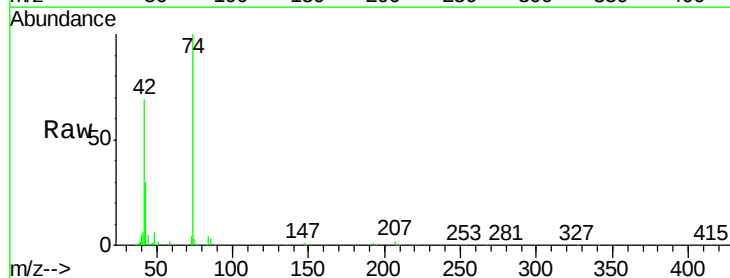
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

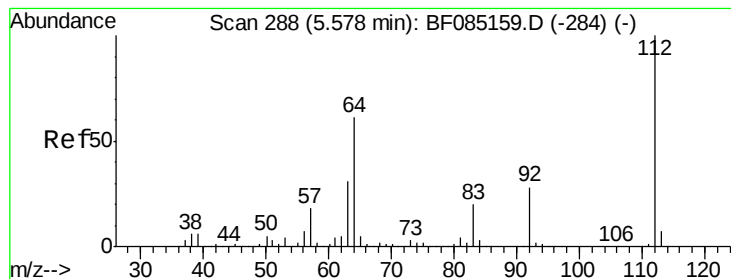
Tgt Ion: 79 Resp: 566956
 Ion Ratio Lower Upper
 79 100
 52 63.5 52.6 79.0
 51 32.8 25.8 38.8



#4
 n-Nitrosodimethylamine
 Concen: 37.60 ng
 RT: 3.30 min Scan# 89
 Delta R.T. -0.09 min
 Lab File: BF085367.D
 Acq: 11 Mar 2016 9:50

Tgt Ion: 42 Resp: 226677
 Ion Ratio Lower Upper
 42 100
 74 145.5 116.8 175.2
 44 6.6 5.5 8.3





#5

2-Fluorophenol

Concen: 77.65 ng

RT: 5.53 min Scan# 284

Delta R.T. -0.05 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

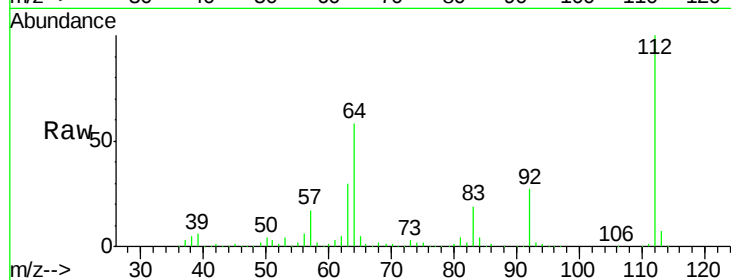
Tgt Ion: 112 Resp: 854588

Ion Ratio Lower Upper

112 100

64 58.5 49.0 73.4

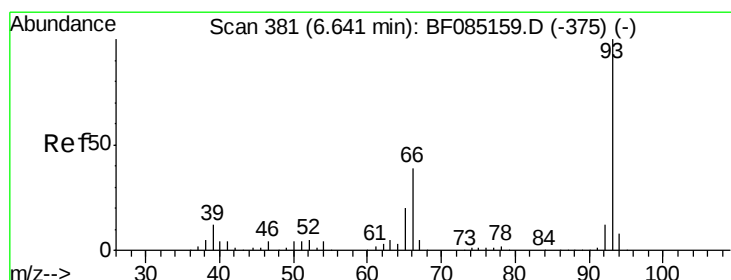
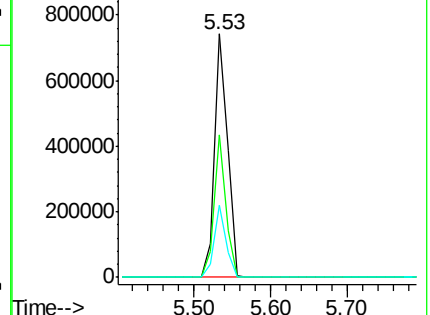
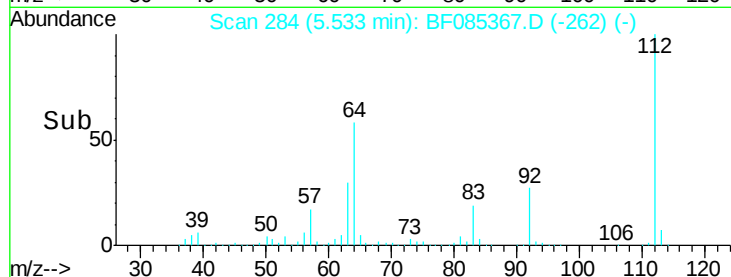
63 29.8 24.8 37.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 39.33 ng

RT: 6.61 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

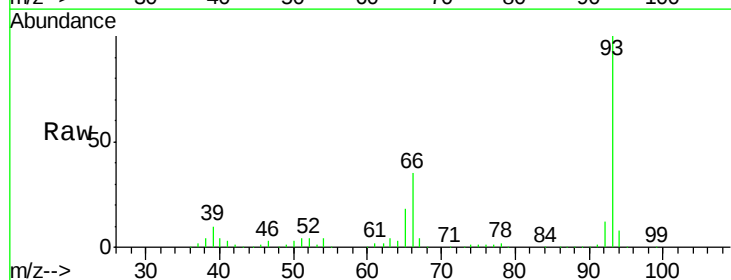
Tgt Ion: 93 Resp: 794803

Ion Ratio Lower Upper

93 100

66 35.3 31.6 47.4

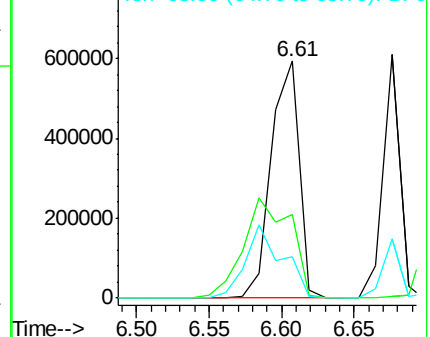
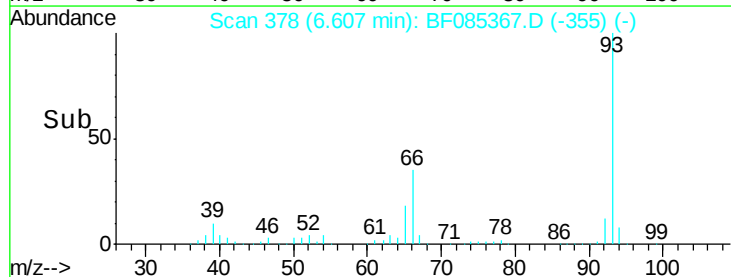
65 17.6 15.8 23.8

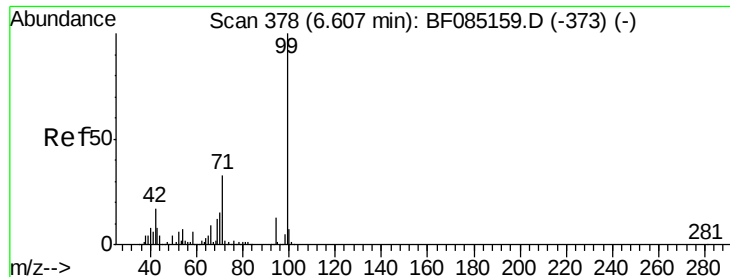


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 81.17 ng

RT: 6.57 min Scan# 375

Delta R.T. -0.03 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

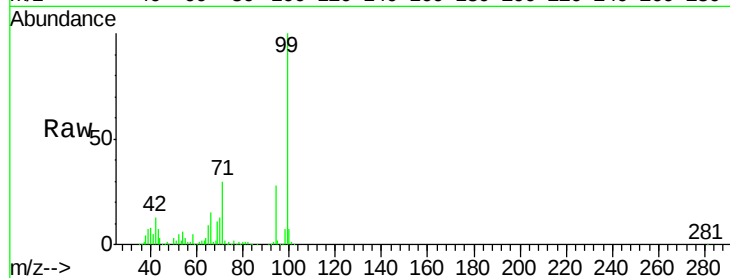
Tgt Ion: 99 Resp: 1170459

Ion Ratio Lower Upper

99 100

42 13.4 13.6 20.4#

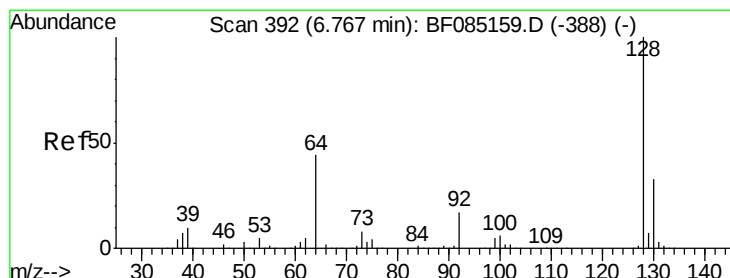
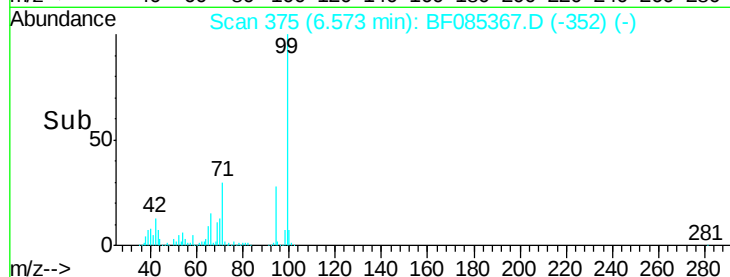
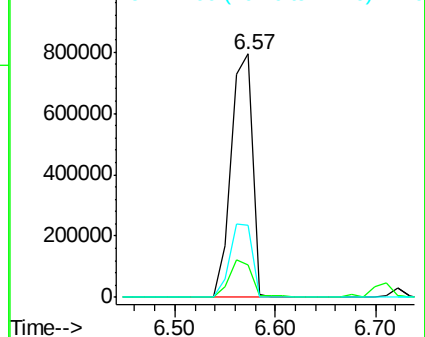
71 29.8 26.7 40.1



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 37.17 ng

RT: 6.72 min Scan# 388

Delta R.T. -0.05 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

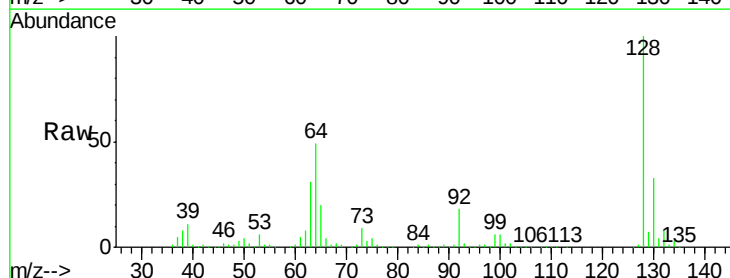
Tgt Ion: 128 Resp: 492500

Ion Ratio Lower Upper

128 100

130 32.7 13.3 53.3

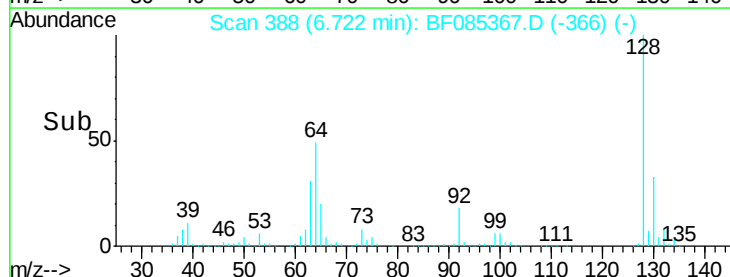
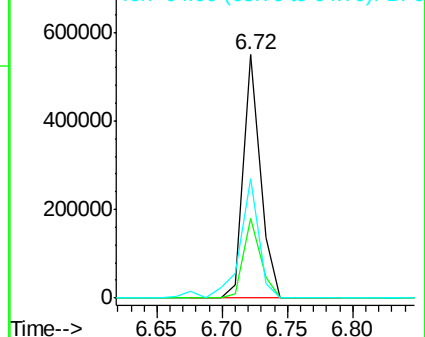
64 49.2 25.7 65.7

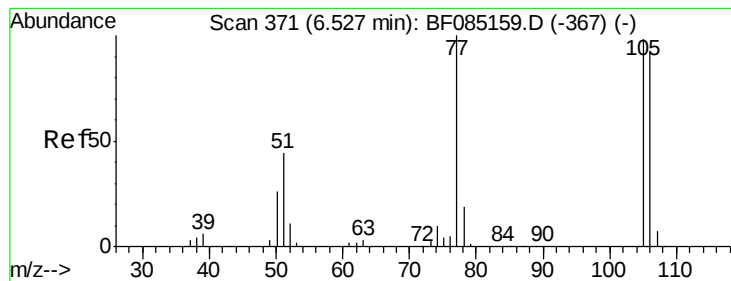


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 39.52 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.05 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

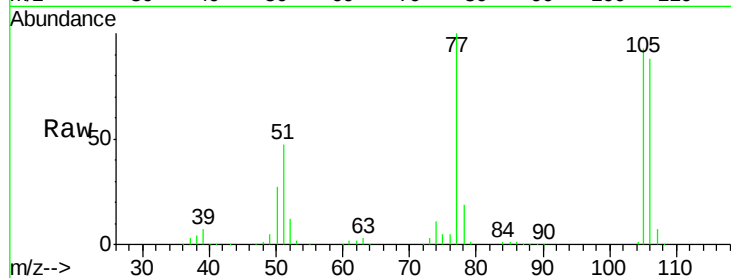
Tgt Ion: 77 Resp: 268874

Ion Ratio Lower Upper

77 100

105 93.2 78.2 118.2

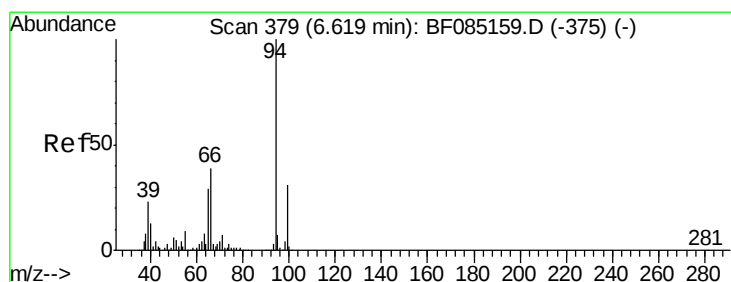
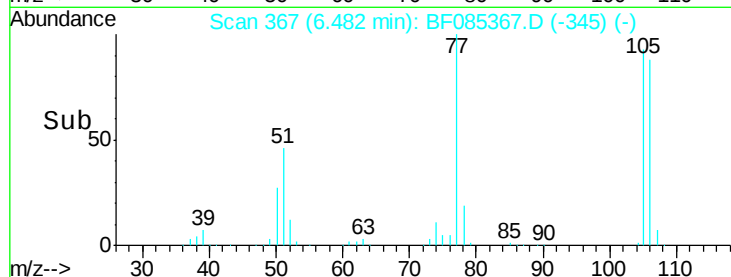
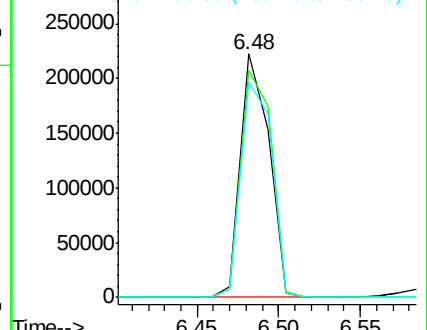
106 88.4 72.9 112.9



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: 47.00 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.03 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

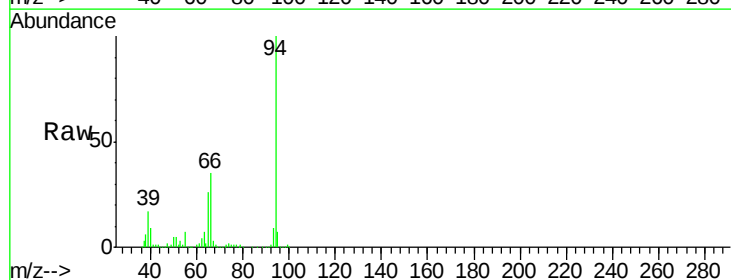
Tgt Ion: 94 Resp: 725827

Ion Ratio Lower Upper

94 100

65 25.8 9.1 49.1

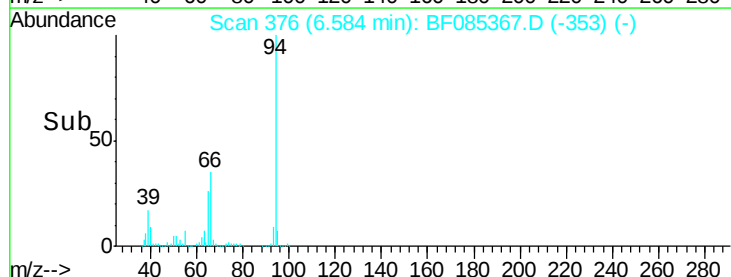
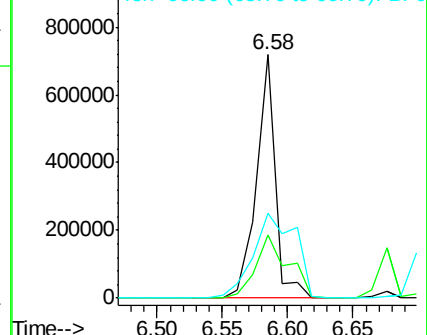
66 34.9 19.3 59.3

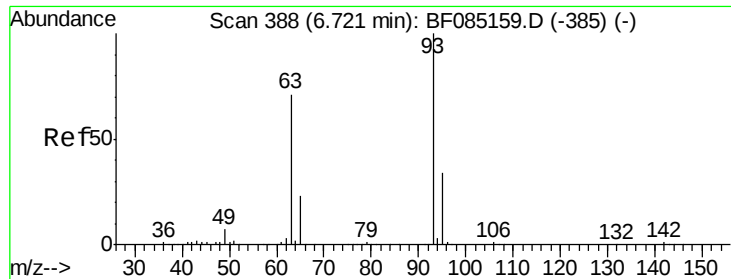


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 38.30 ng

RT: 6.68 min Scan# 384

Delta R.T. -0.05 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

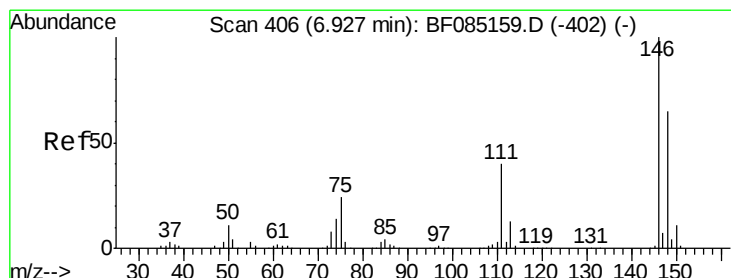
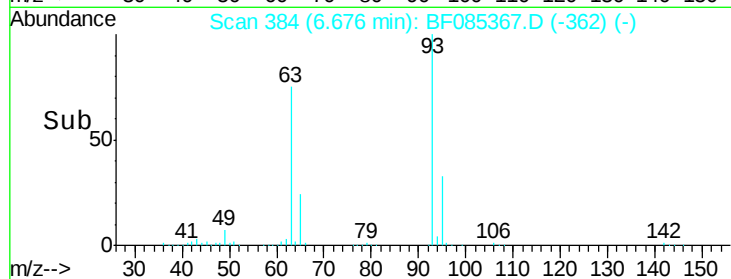
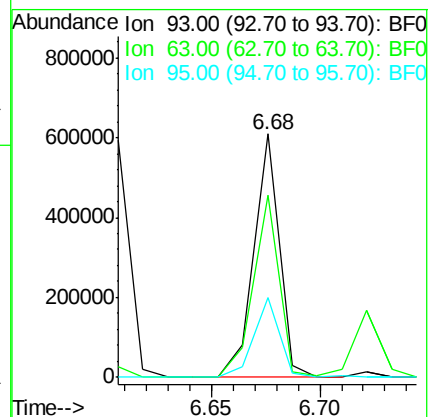
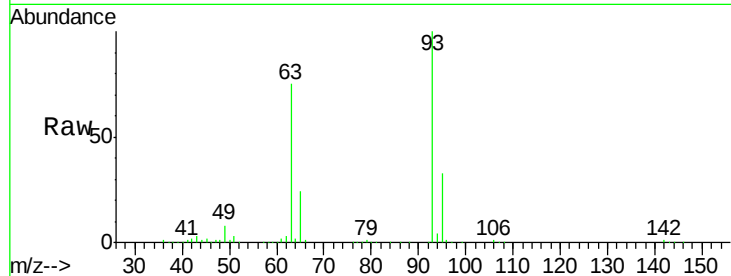
Tgt Ion: 93 Resp: 491300

Ion Ratio Lower Upper

93 100

63 74.6 50.9 90.9

95 32.9 13.7 53.7



#12

1,3-Dichlorobenzene

Concen: 40.98 ng

RT: 6.96 min Scan# 409

Delta R.T. 0.03 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

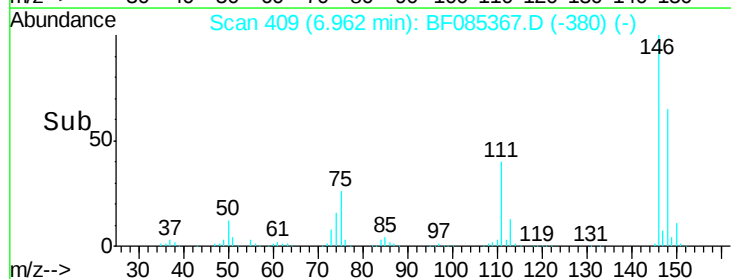
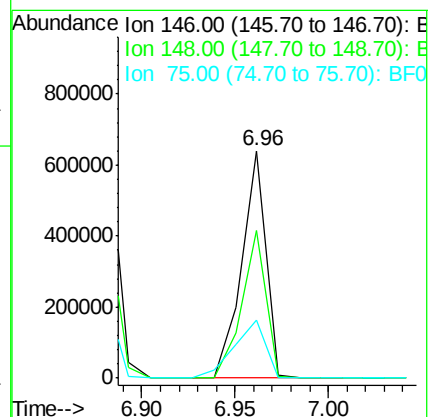
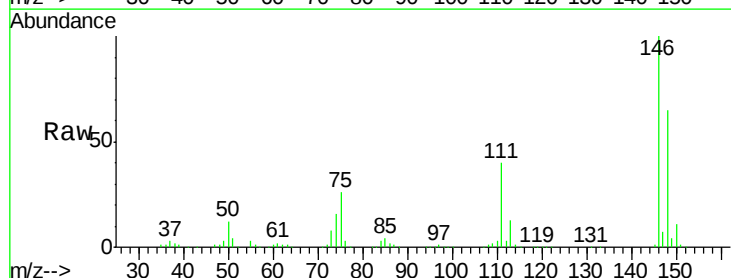
Tgt Ion: 146 Resp: 582997

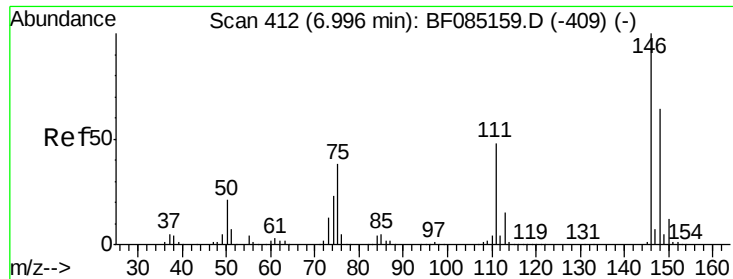
Ion Ratio Lower Upper

146 100

148 64.9 52.1 78.1

75 25.7 19.5 29.3

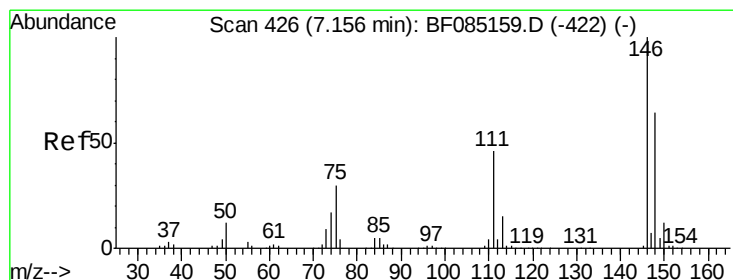
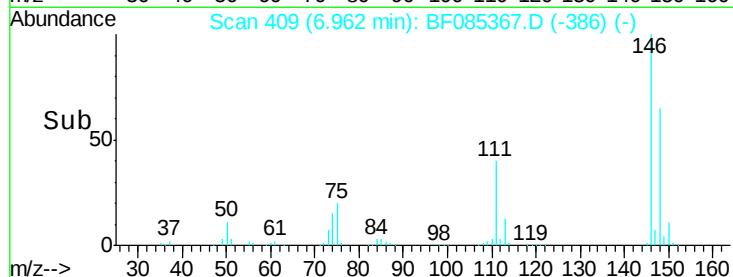
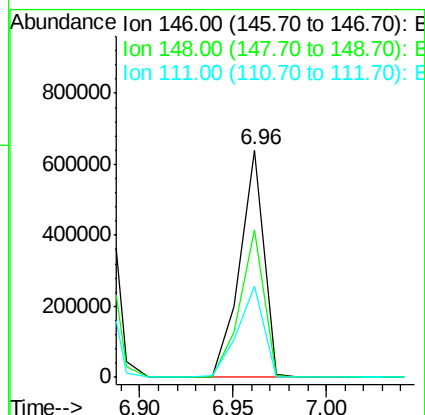
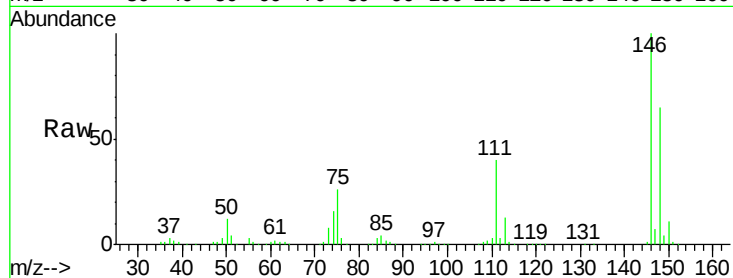




#13
 1,4-Dichlorobenzene
 Concen: 40.89 ng
 RT: 6.96 min Scan# 409
 Delta R.T. -0.03 min
 Lab File: BF085367.D
 Acq: 11 Mar 2016 9:50

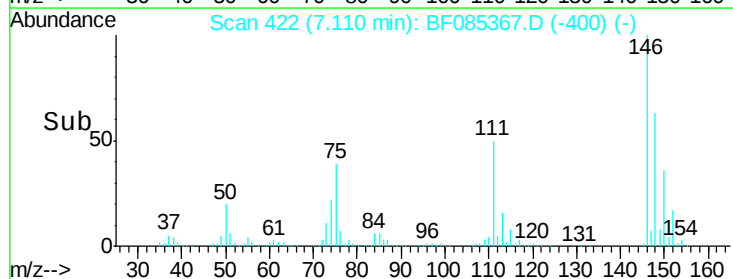
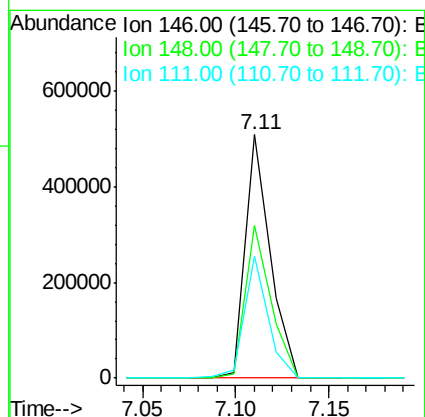
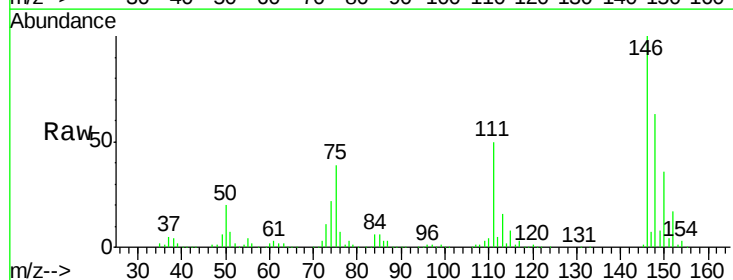
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

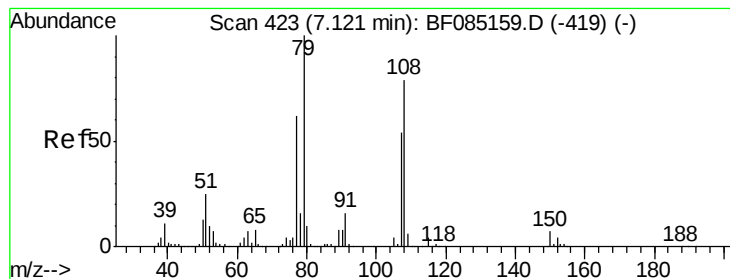
Tgt Ion:146 Resp: 582997
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.3 76.9
 111 40.0 38.4 57.6



#14
 1,2-Dichlorobenzene
 Concen: 36.62 ng
 RT: 7.11 min Scan# 422
 Delta R.T. -0.05 min
 Lab File: BF085367.D
 Acq: 11 Mar 2016 9:50

Tgt Ion:146 Resp: 473755
 Ion Ratio Lower Upper
 146 100
 148 62.6 51.4 77.2
 111 50.2 36.7 55.1





#15

Benzyl Alcohol

Concen: 37.74 ng

RT: 7.08 min Scan# 419

Delta R.T. -0.05 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

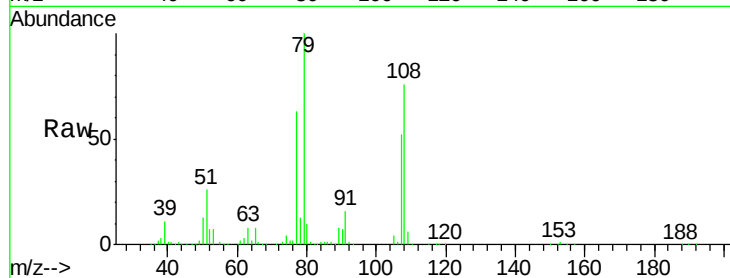
Tgt Ion: 79 Resp: 399424

Ion Ratio Lower Upper

79 100

108 75.7 62.9 94.3

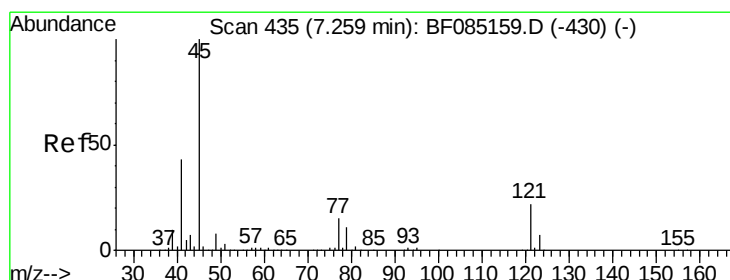
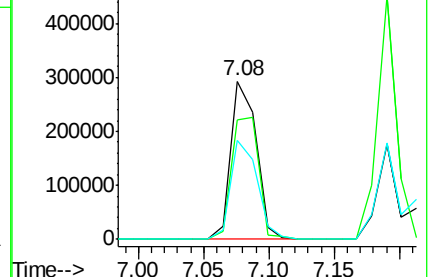
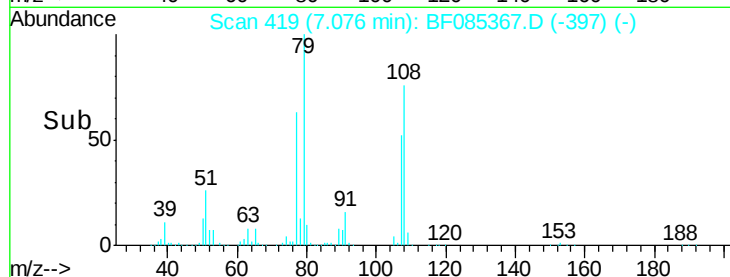
77 62.8 49.5 74.3



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: 37.16 ng

RT: 7.21 min Scan# 431

Delta R.T. -0.05 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

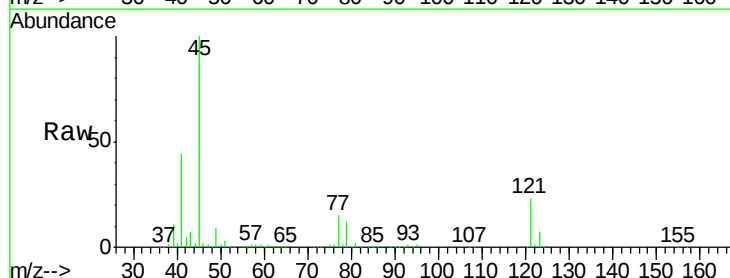
Tgt Ion: 45 Resp: 687035

Ion Ratio Lower Upper

45 100

77 15.0 0.0 35.1

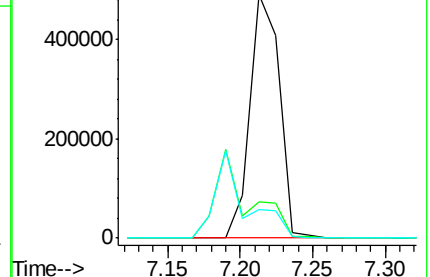
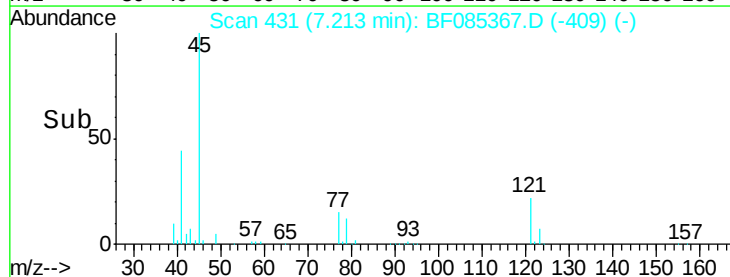
79 11.6 0.0 31.3

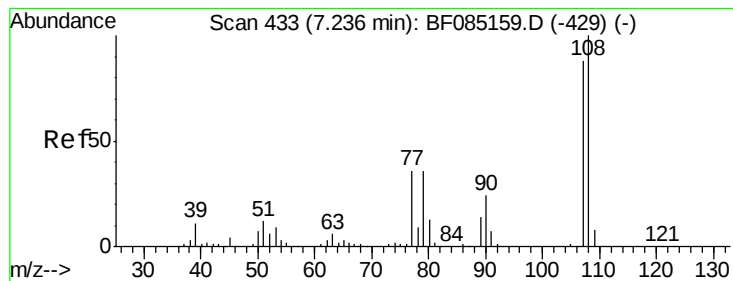


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 36.64 ng

RT: 7.19 min Scan# 429

Delta R.T. -0.05 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:107 Resp: 396173

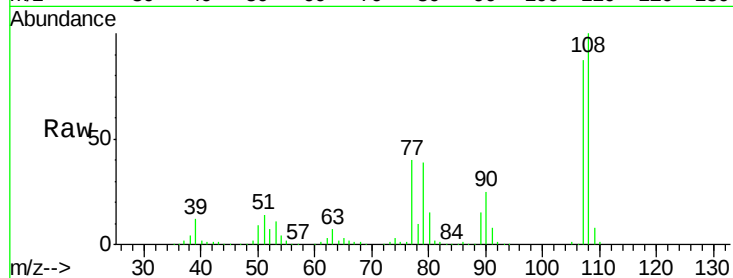
Ion Ratio Lower Upper

107 100

108 115.1 90.9 136.3

77 45.8 32.6 48.8

79 44.7 32.8 49.2

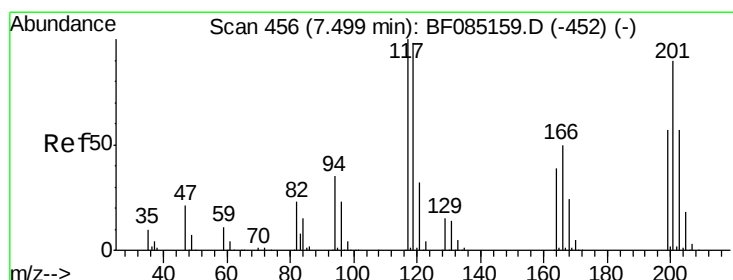
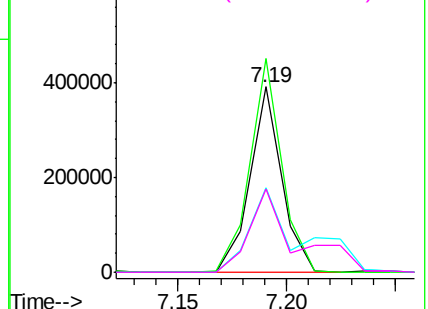
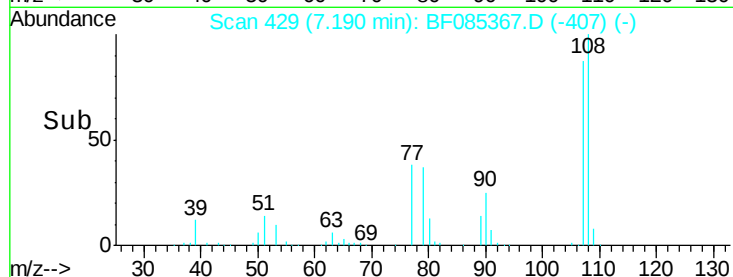


Abundance Ion 107.00 (106.70 to 107.70): E

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



#18

Hexachloroethane

Concen: 36.92 ng

RT: 7.45 min Scan# 452

Delta R.T. -0.05 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

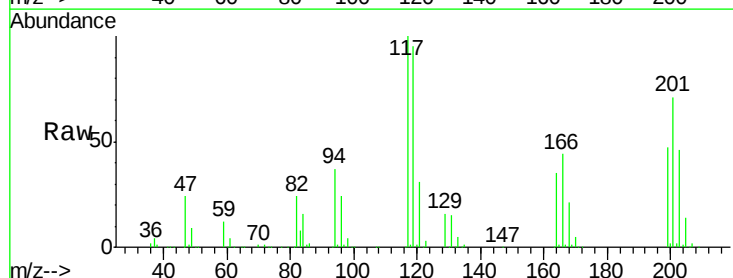
Tgt Ion:117 Resp: 194170

Ion Ratio Lower Upper

117 100

119 95.4 78.2 117.4

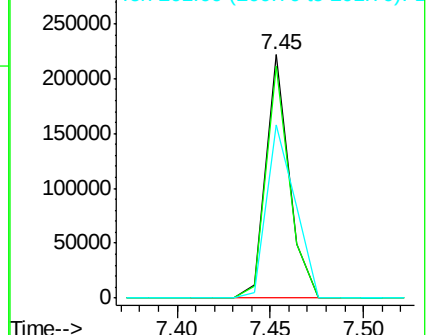
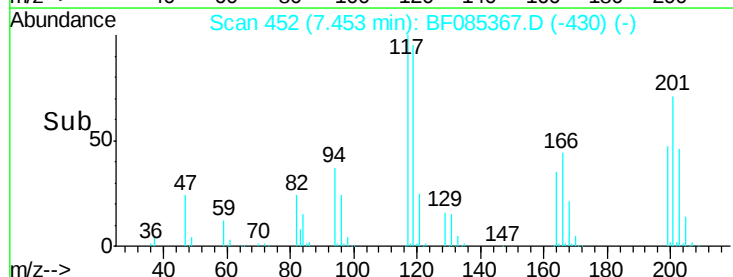
201 71.1 72.0 108.0#

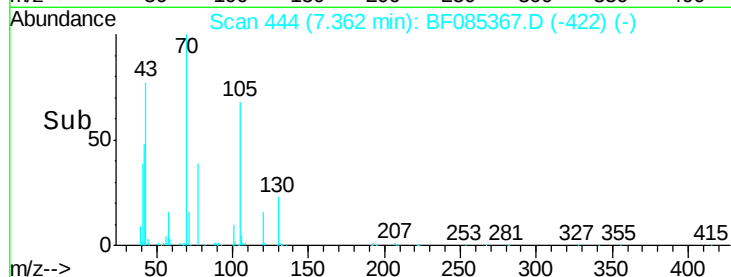
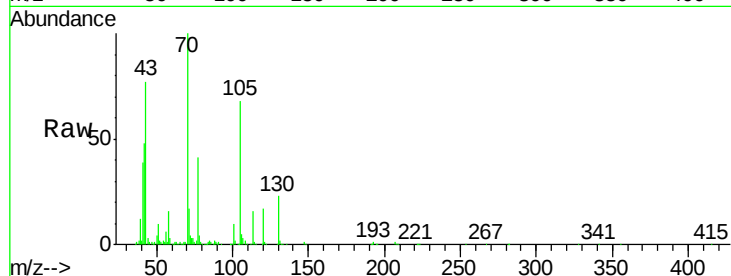
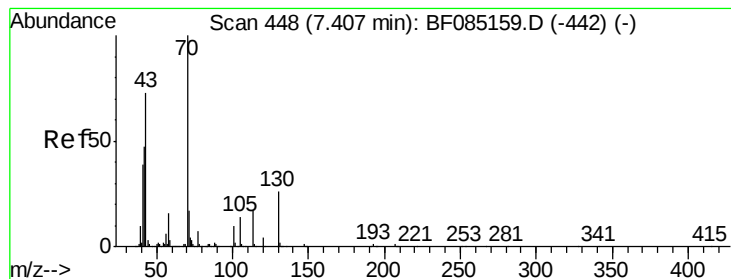


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 39.39 ng

RT: 7.36 min Scan# 444

Delta R.T. -0.05 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 70 Resp: 370146

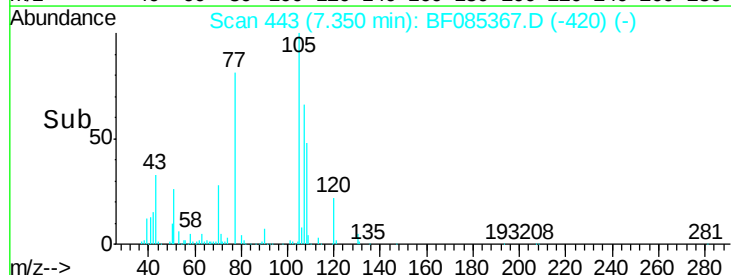
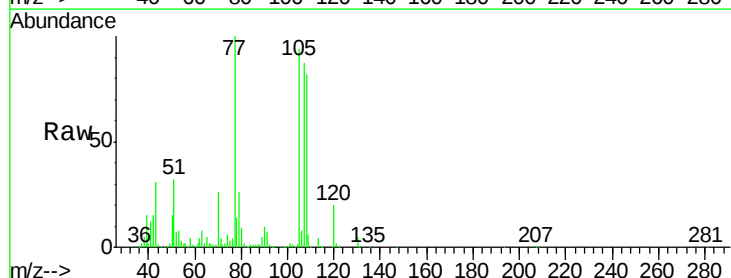
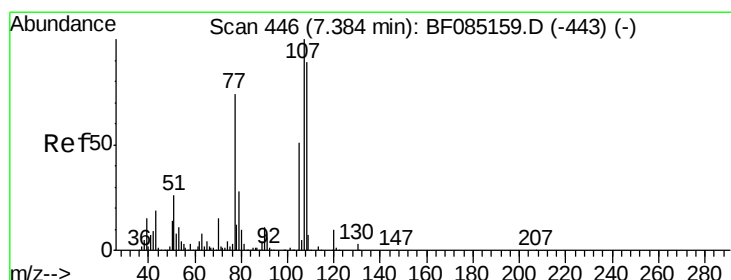
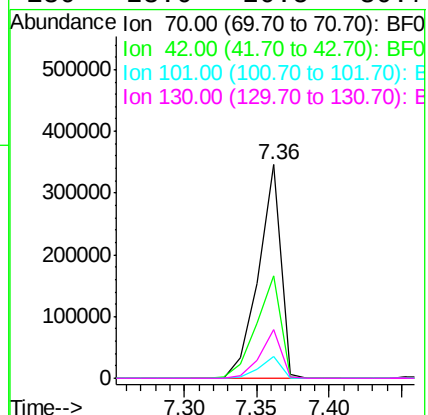
Ion Ratio Lower Upper

70 100

42 48.0 37.7 56.5

101 10.0 8.2 12.4

130 23.0 20.5 30.7



#20

3+4-Methylphenols

Concen: 39.55 ng

RT: 7.35 min Scan# 443

Delta R.T. -0.03 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

Tgt Ion: 107 Resp: 506520

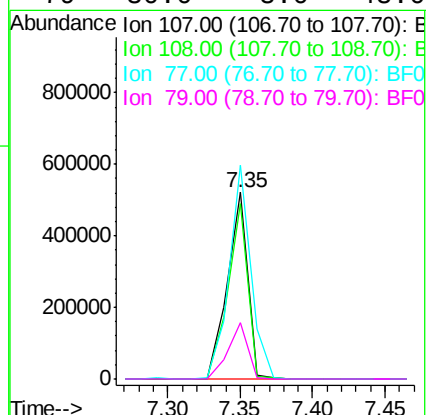
Ion Ratio Lower Upper

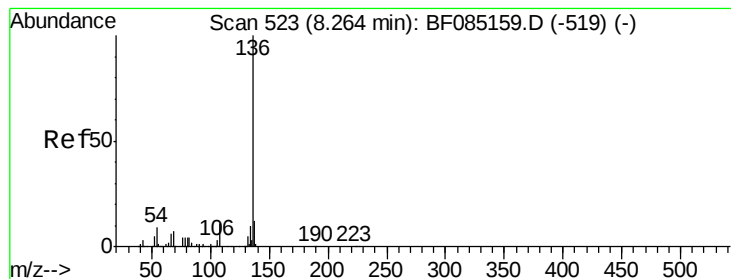
107 100

108 94.1 68.8 108.8

77 114.7 53.6 93.6#

79 30.0 8.0 48.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.23 min Scan# 520

Delta R.T. -0.03 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:136 Resp: 733423

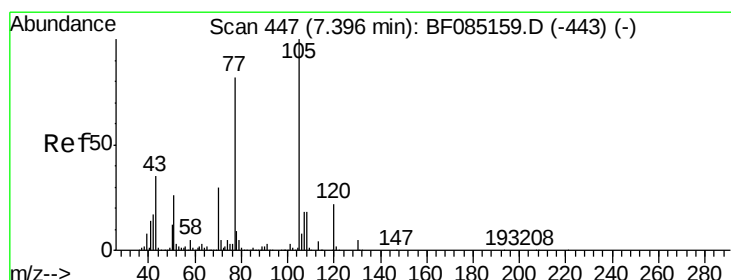
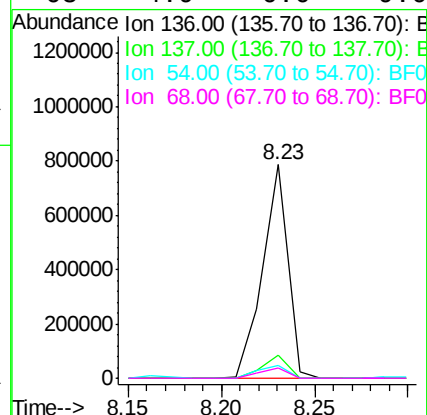
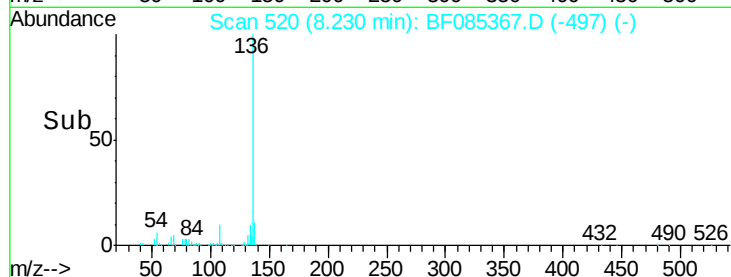
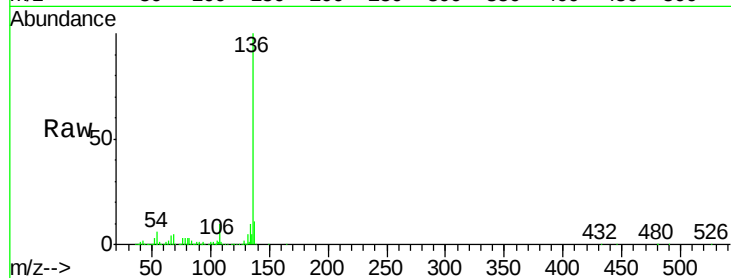
Ion Ratio Lower Upper

136 100

137 11.1 9.3 13.9

54 5.9 7.4 11.2#

68 4.9 6.0 9.0#



#22

Acetophenone

Concen: 34.90 ng

RT: 7.35 min Scan# 443

Delta R.T. -0.05 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

Tgt Ion:105 Resp: 624696

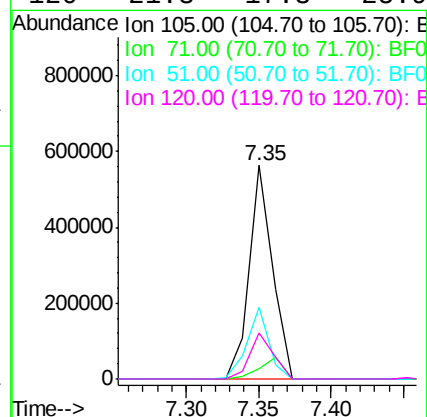
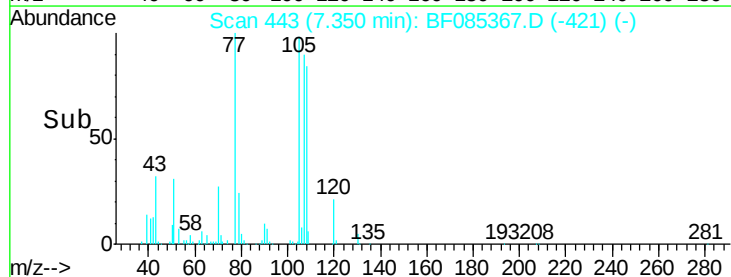
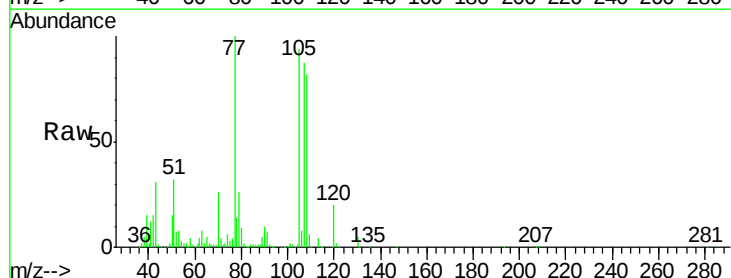
Ion Ratio Lower Upper

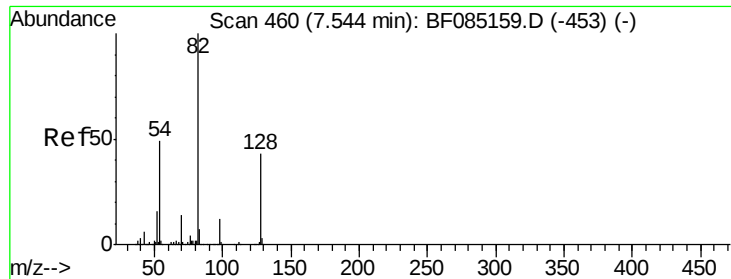
105 100

71 4.7 4.1 6.1

51 33.8 21.1 31.7#

120 21.3 17.3 25.9

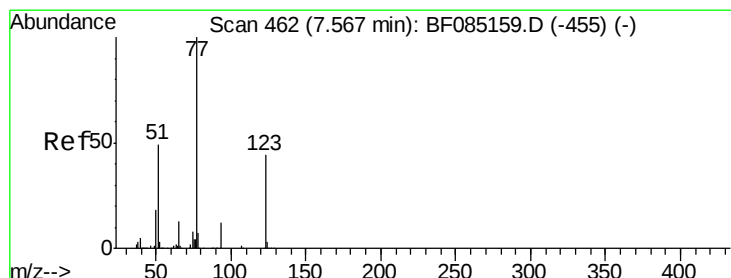
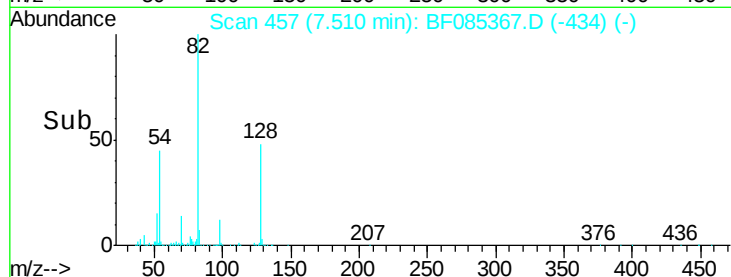
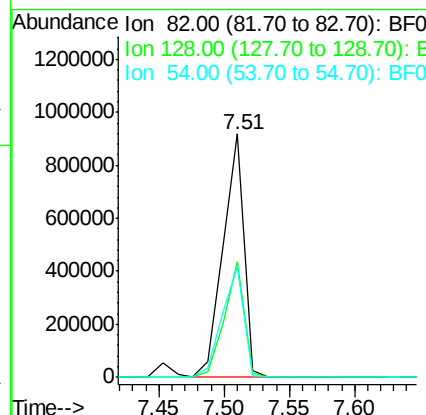
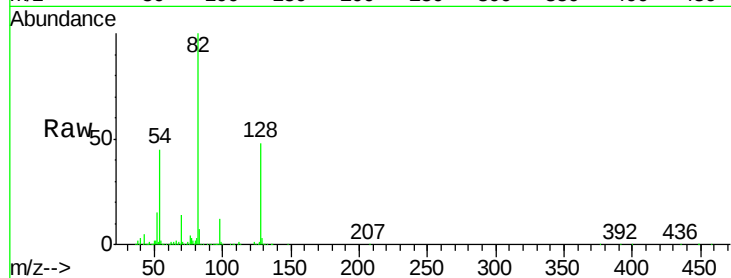




#23
 Nitrobenzene-d5
 Concen: 75.28 ng
 RT: 7.51 min Scan# 457
 Delta R.T. -0.03 min
 Lab File: BF085367.D
 Acq: 11 Mar 2016 9:50

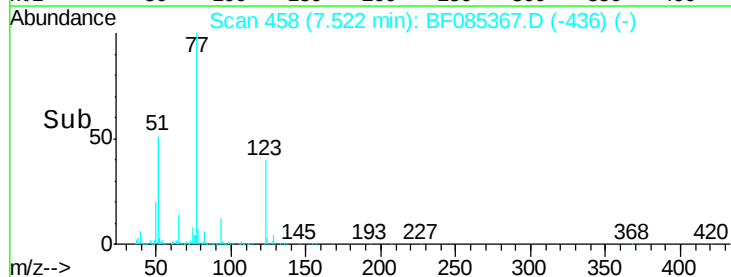
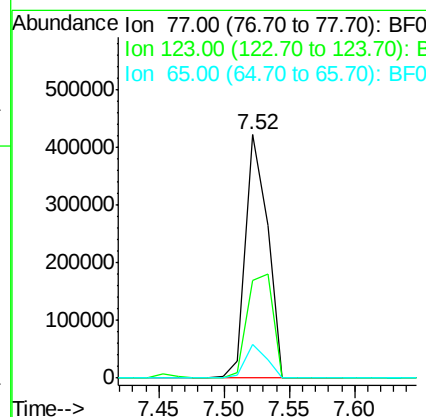
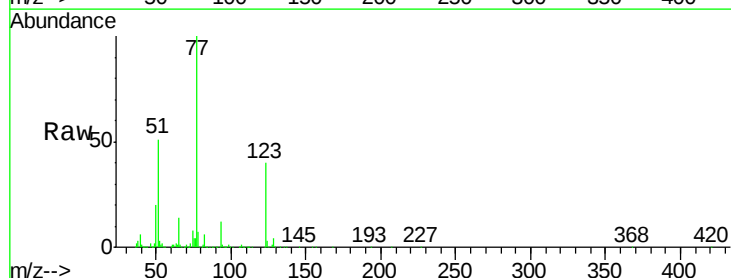
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

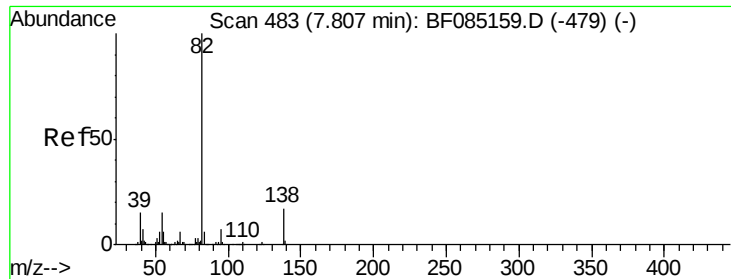
Tgt Ion: 82 Resp: 1031782
 Ion Ratio Lower Upper
 82 100
 128 47.6 34.5 51.7
 54 45.3 39.3 58.9



#24
 Nitrobenzene
 Concen: 35.56 ng
 RT: 7.52 min Scan# 458
 Delta R.T. -0.05 min
 Lab File: BF085367.D
 Acq: 11 Mar 2016 9:50

Tgt Ion: 77 Resp: 495088
 Ion Ratio Lower Upper
 77 100
 123 40.3 35.4 53.2
 65 13.8 10.6 16.0





#25

Isophorone

Concen: 37.80 ng

RT: 7.76 min Scan# 479

Delta R.T. -0.05 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

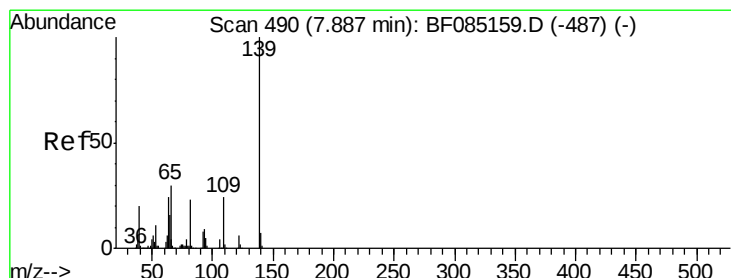
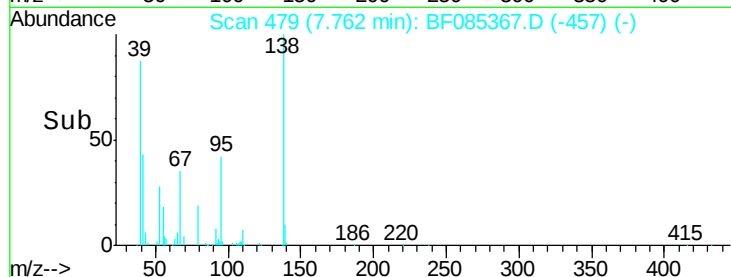
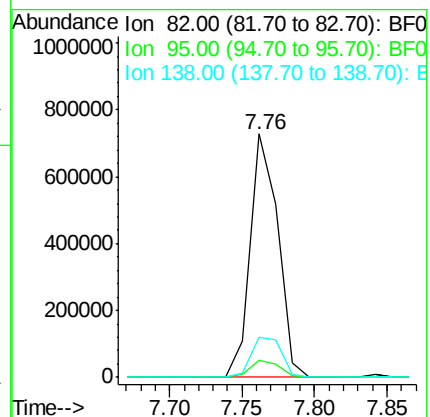
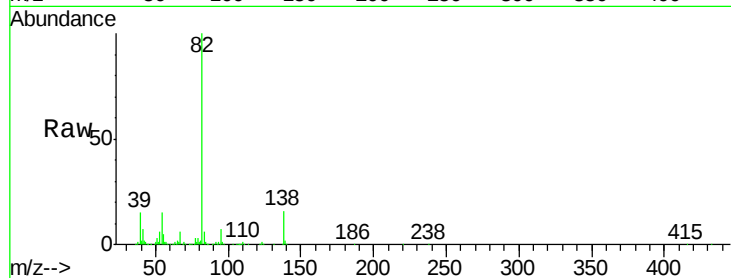
Tgt Ion: 82 Resp: 959971

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

138 16.2 13.3 19.9



#26

2-Nitrophenol

Concen: 40.50 ng

RT: 7.84 min Scan# 486

Delta R.T. -0.05 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

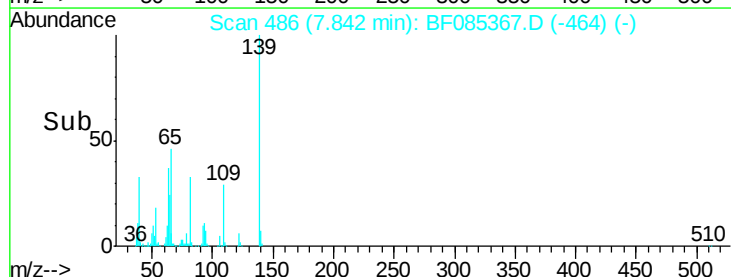
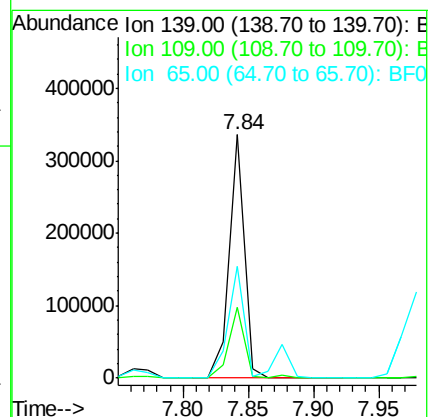
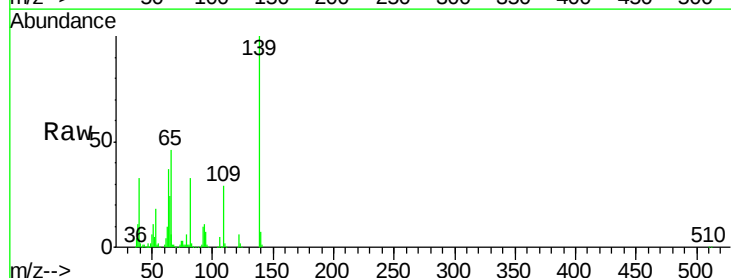
Tgt Ion: 139 Resp: 274425

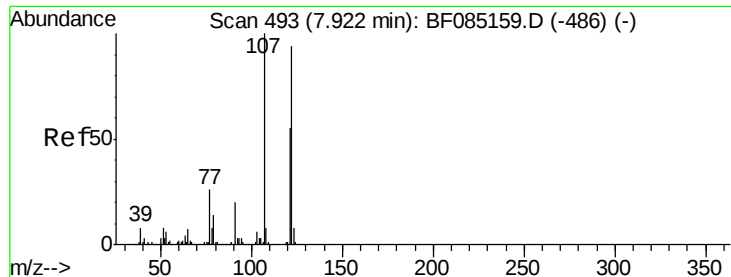
Ion Ratio Lower Upper

139 100

109 28.8 19.1 28.7#

65 46.0 23.9 35.9#





#27

2,4-Dimethylphenol

Concen: 36.93 ng

RT: 7.88 min Scan# 489

Delta R.T. -0.05 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

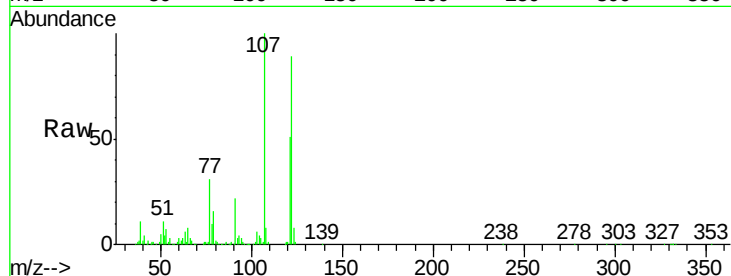
Tgt Ion:122 Resp: 457300

Ion Ratio Lower Upper

122 100

107 112.5 84.8 127.2

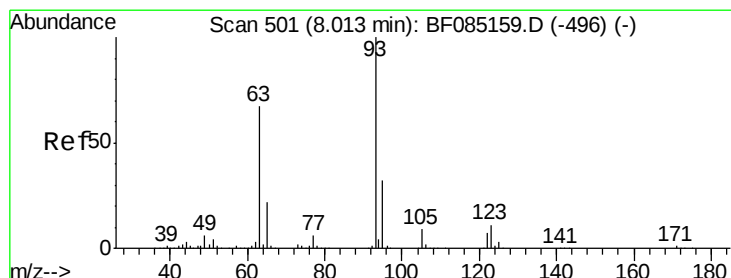
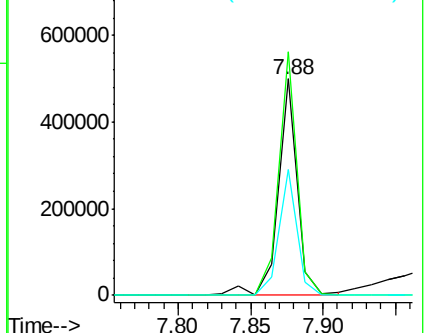
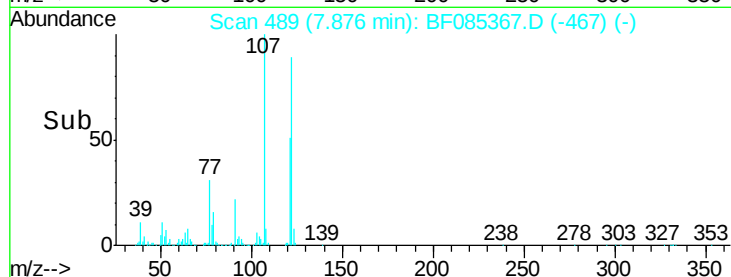
121 57.9 47.0 70.6



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: 43.18 ng

RT: 7.98 min Scan# 498

Delta R.T. -0.03 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

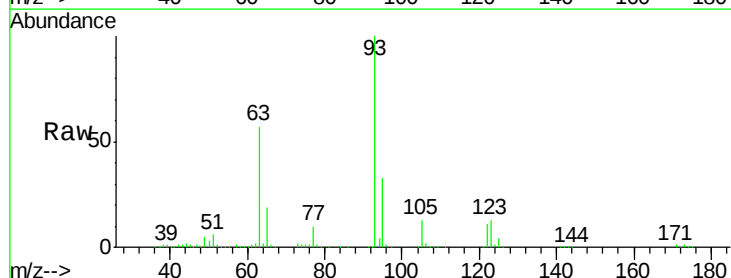
Tgt Ion: 93 Resp: 610761

Ion Ratio Lower Upper

93 100

95 33.3 25.9 38.9

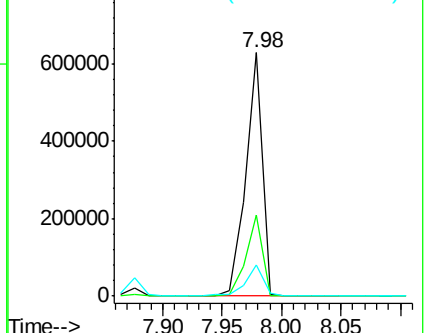
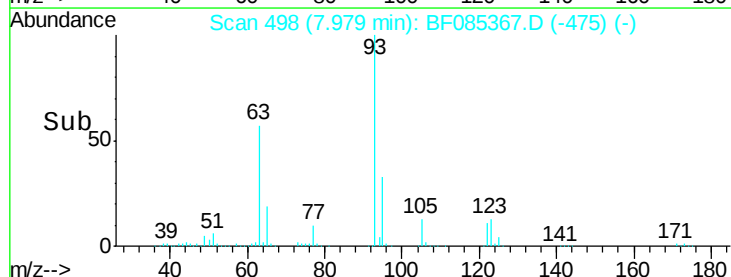
123 12.7 8.8 13.2

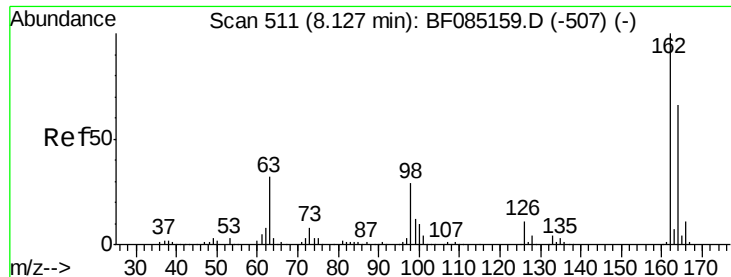


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

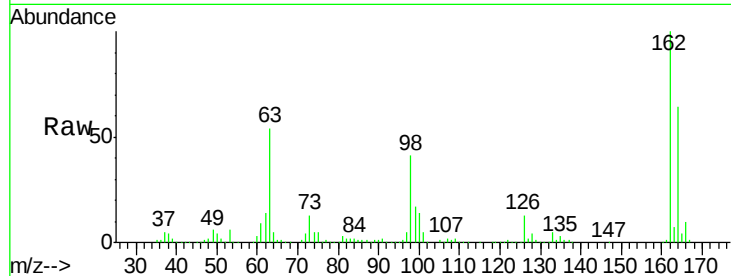




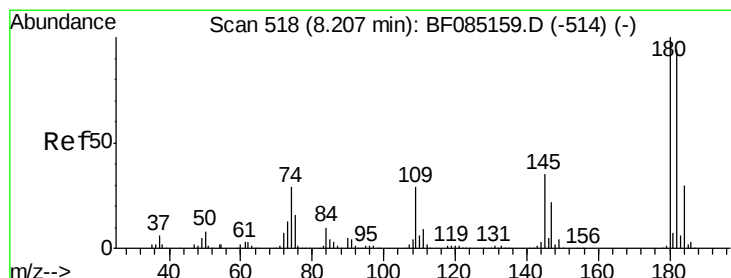
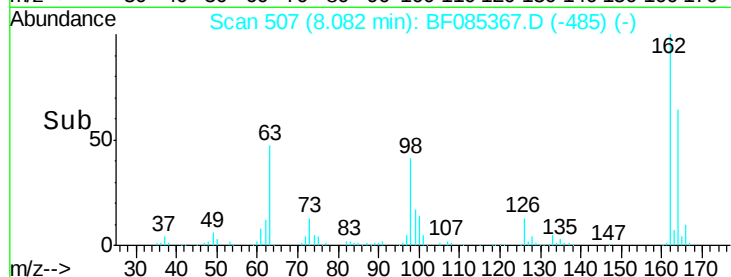
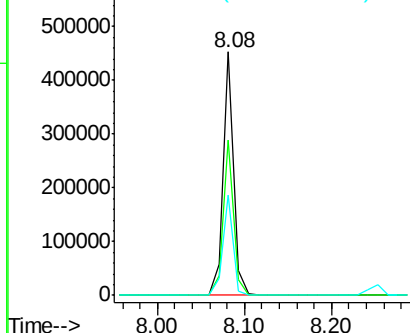
#29
 2,4-Dichlorophenol
 Concen: 38.68 ng
 RT: 8.08 min Scan# 507
 Delta R.T. -0.05 min
 Lab File: BF085367.D
 Acq: 11 Mar 2016 9:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:162 Resp: 386278
 Ion Ratio Lower Upper
 162 100
 164 63.9 45.7 85.7
 98 41.2 9.4 49.4

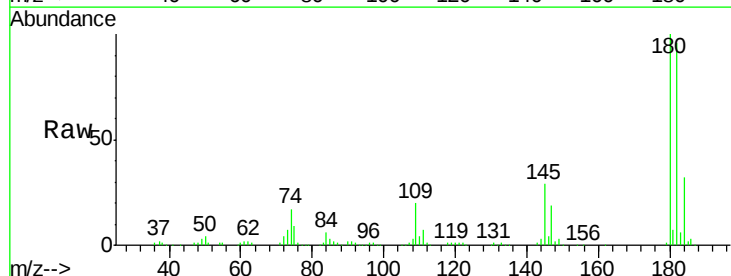


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

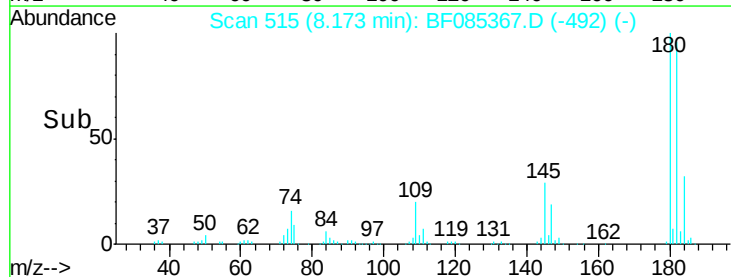
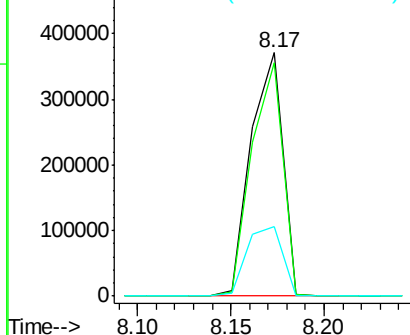


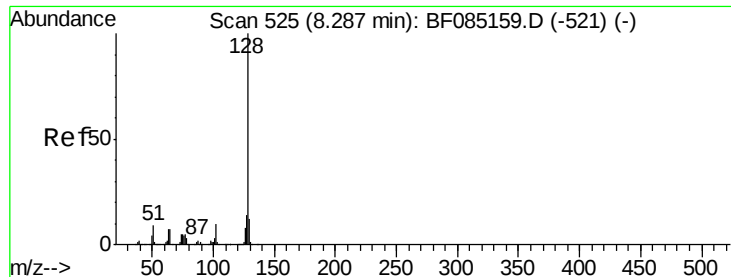
#30
 1,2,4-Trichlorobenzene
 Concen: 40.58 ng
 RT: 8.17 min Scan# 515
 Delta R.T. -0.03 min
 Lab File: BF085367.D
 Acq: 11 Mar 2016 9:50

Tgt Ion:180 Resp: 438076
 Ion Ratio Lower Upper
 180 100
 182 95.9 74.9 112.3
 145 28.6 27.9 41.9



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

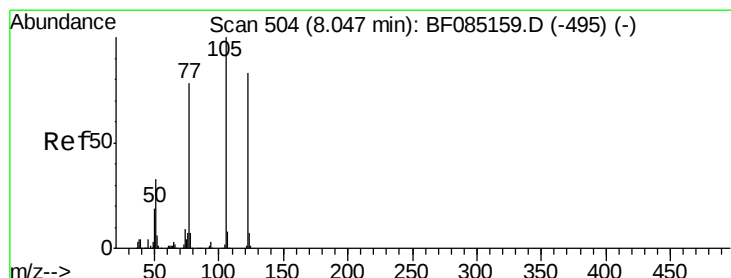
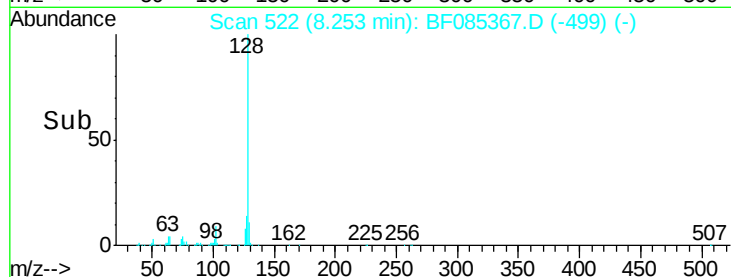
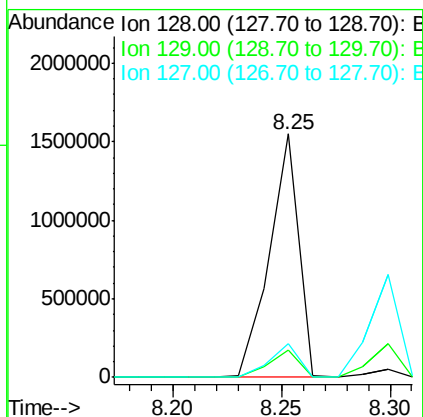
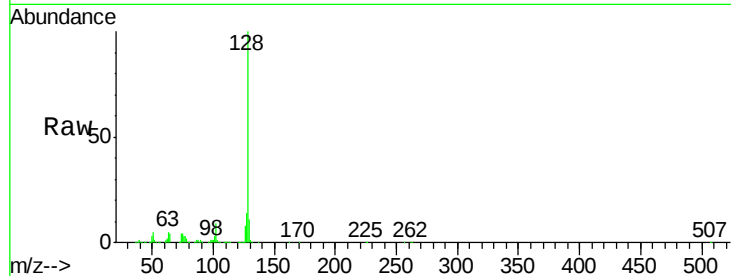




#31
Naphthalene
Concen: 40.64 ng
RT: 8.25 min Scan# 522
Delta R.T. -0.03 min
Lab File: BF085367.D
Acq: 11 Mar 2016 9:50

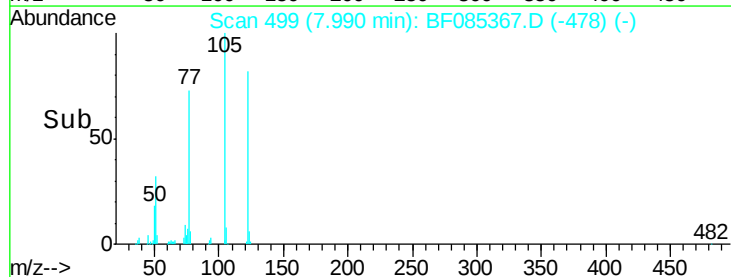
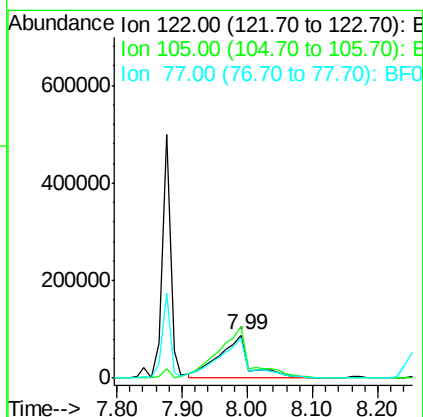
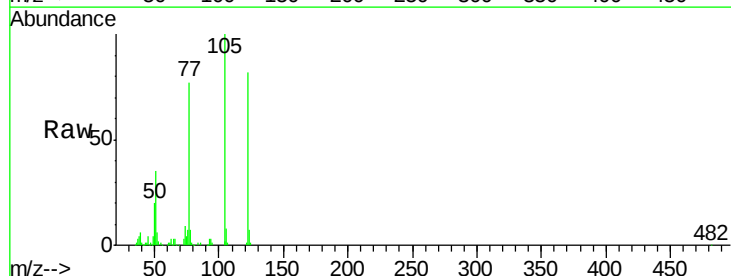
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

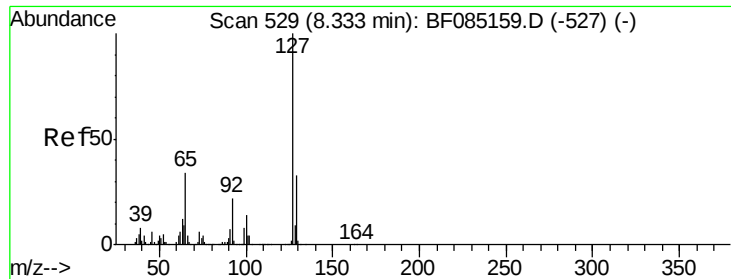
Tgt Ion:128 Resp: 1465616
Ion Ratio Lower Upper
128 100
129 11.4 9.7 14.5
127 13.8 11.2 16.8



#32
Benzoic acid
Concen: 34.96 ng
RT: 7.99 min Scan# 499
Delta R.T. -0.06 min
Lab File: BF085367.D
Acq: 11 Mar 2016 9:50

Tgt Ion:122 Resp: 287502
Ion Ratio Lower Upper
122 100
105 121.7 101.3 141.3
77 93.4 74.7 114.7

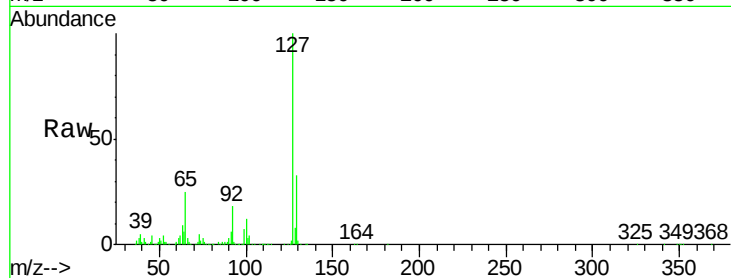




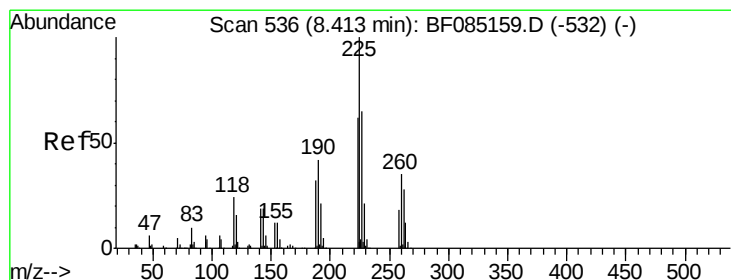
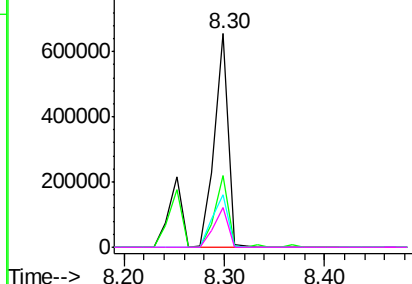
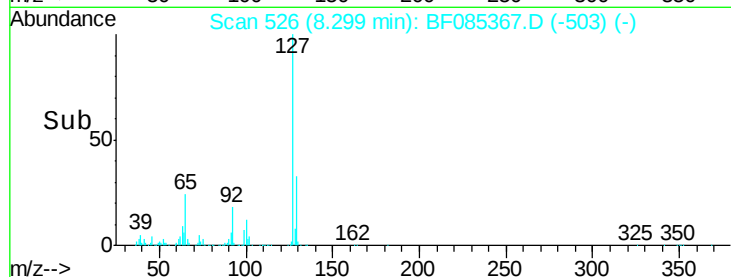
#33
 4-Chloroaniline
 Concen: 42.35 ng
 RT: 8.30 min Scan# 526
 Delta R.T. -0.03 min
 Lab File: BF085367.D
 Acq: 11 Mar 2016 9:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:	127	Resp:	617755
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.1	39.1
65	24.6	27.0	40.6#
92	18.5	17.4	26.0

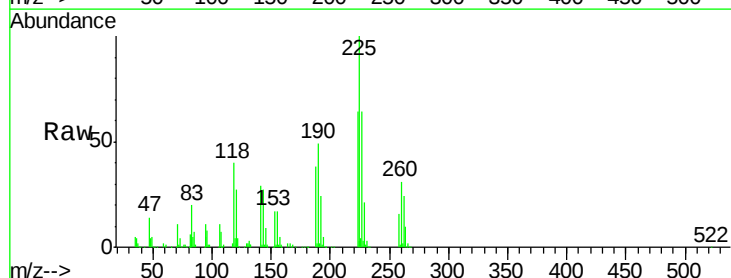


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

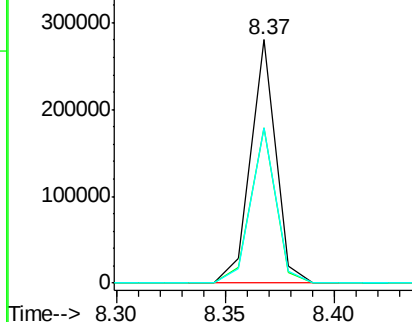
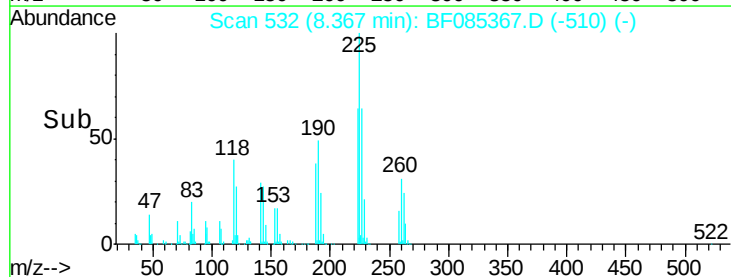


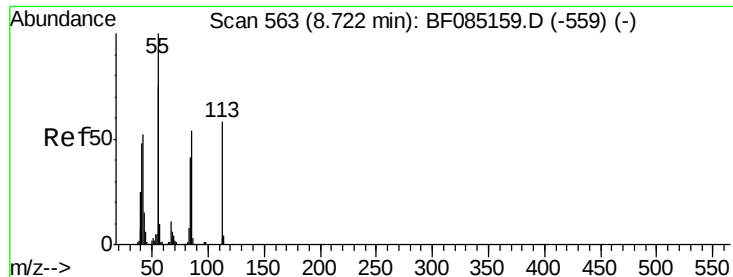
#34
 Hexachlorobutadiene
 Concen: 40.11 ng
 RT: 8.37 min Scan# 532
 Delta R.T. -0.05 min
 Lab File: BF085367.D
 Acq: 11 Mar 2016 9:50

Tgt Ion:	225	Resp:	225348
Ion	Ratio	Lower	Upper
225	100		
223	63.8	49.7	74.5
227	63.7	52.2	78.4



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

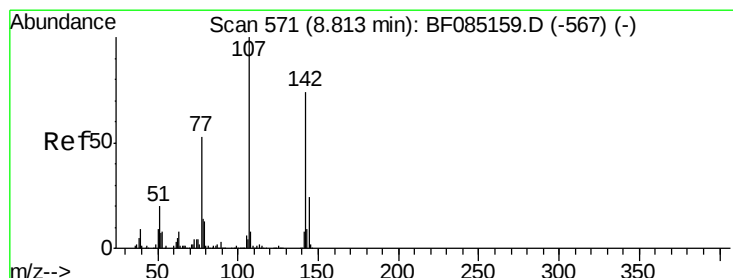
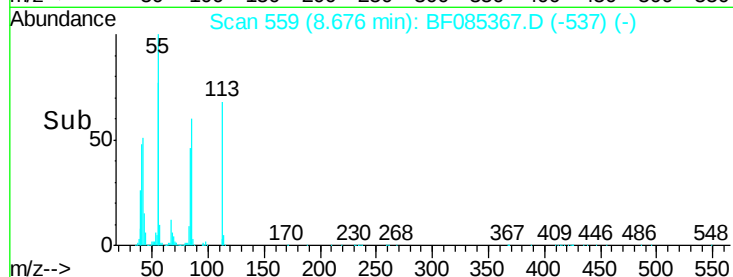
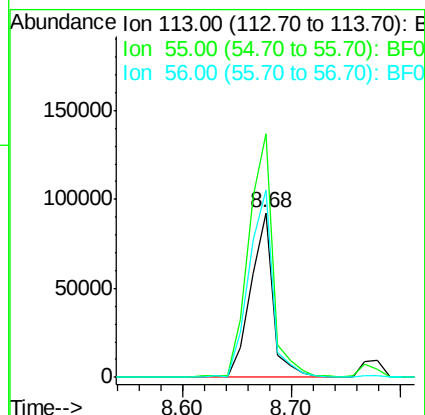
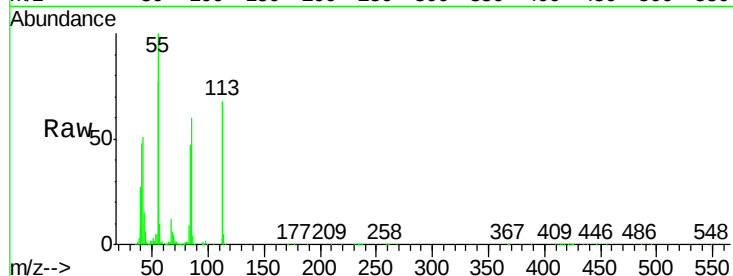




#35
 Caprolactam
 Concen: 40.36 ng
 RT: 8.68 min Scan# 559
 Delta R.T. -0.05 min
 Lab File: BF085367.D
 Acq: 11 Mar 2016 9:50

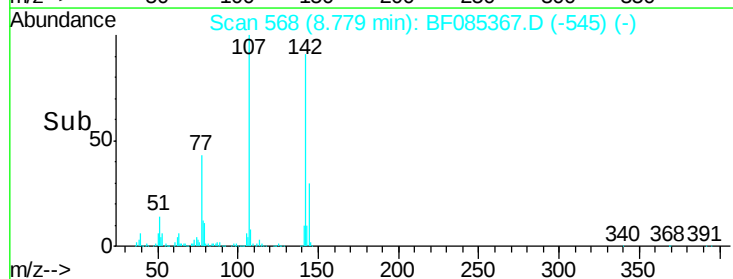
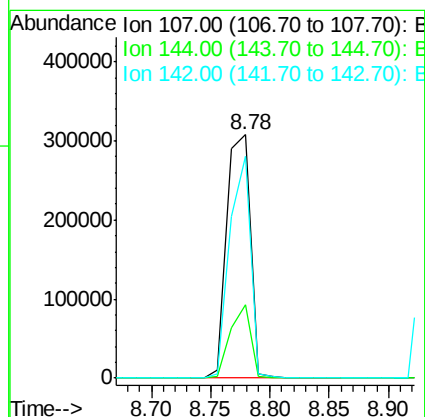
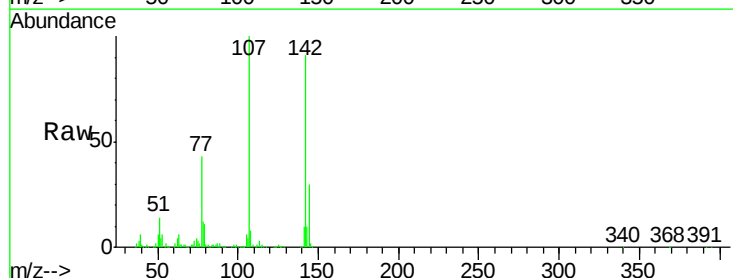
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

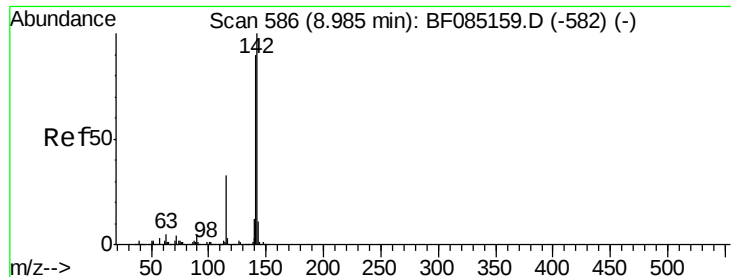
Tgt Ion:113 Resp: 131636
 Ion Ratio Lower Upper
 113 100
 55 147.8 152.7 192.7#
 56 113.6 109.0 149.0



#36
 4-Chloro-3-methylphenol
 Concen: 37.56 ng
 RT: 8.78 min Scan# 568
 Delta R.T. -0.03 min
 Lab File: BF085367.D
 Acq: 11 Mar 2016 9:50

Tgt Ion:107 Resp: 425464
 Ion Ratio Lower Upper
 107 100
 144 30.0 19.4 29.2#
 142 91.3 59.4 89.2#

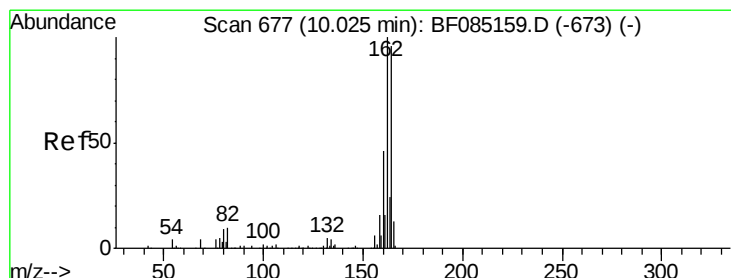
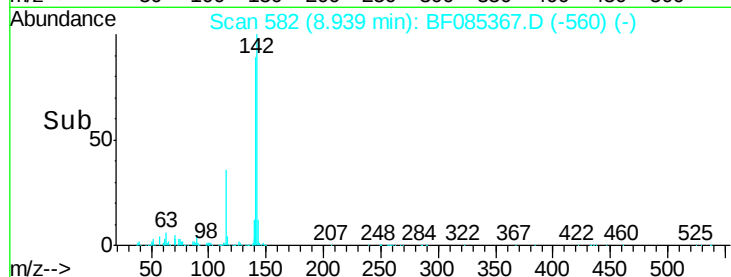
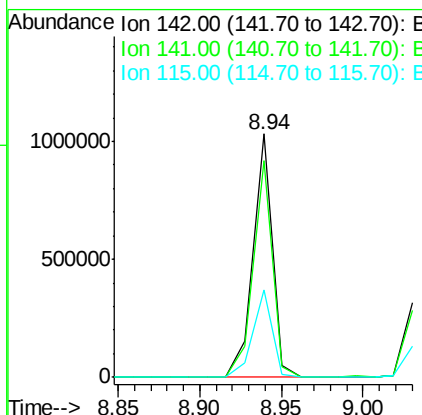
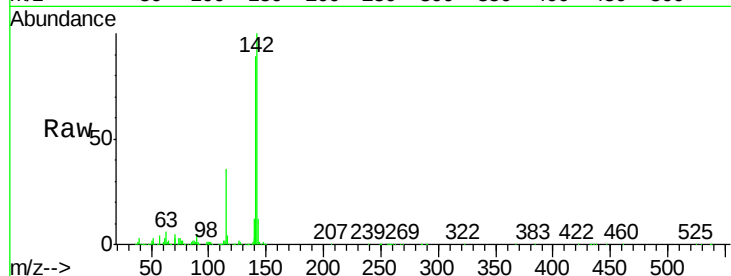




#37
2-Methylnaphthalene
Concen: 36.71 ng
RT: 8.94 min Scan# 582
Delta R.T. -0.05 min
Lab File: BF085367.D
Acq: 11 Mar 2016 9:50

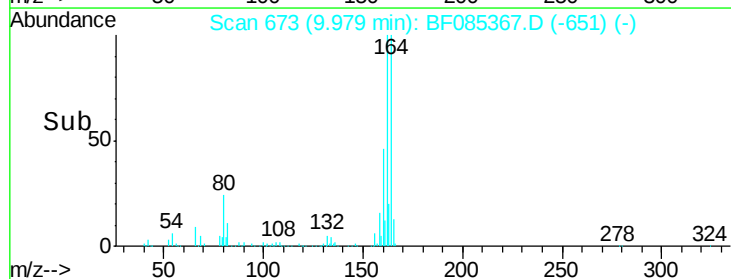
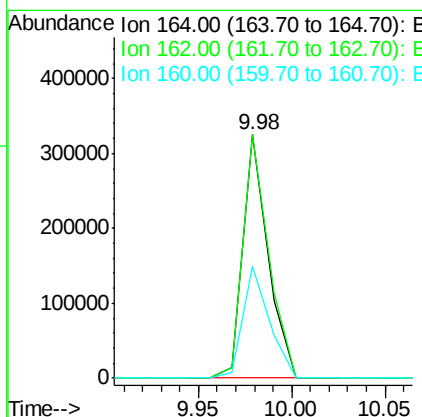
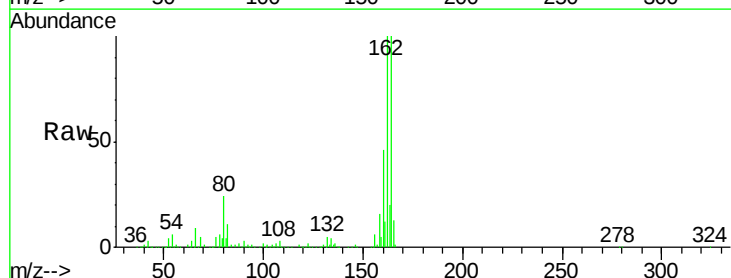
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

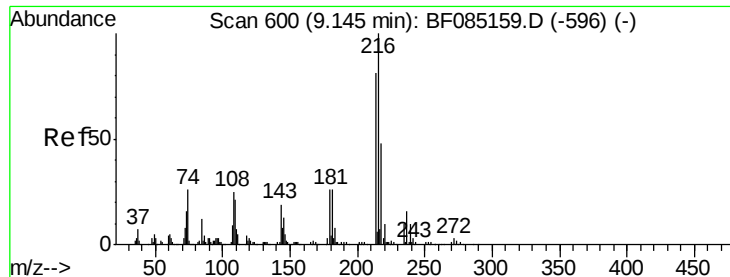
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.7	107.5
115	36.1	26.2	39.4



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.98 min Scan# 673
Delta R.T. -0.05 min
Lab File: BF085367.D
Acq: 11 Mar 2016 9:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.2	83.3	124.9
160	46.1	37.9	56.9

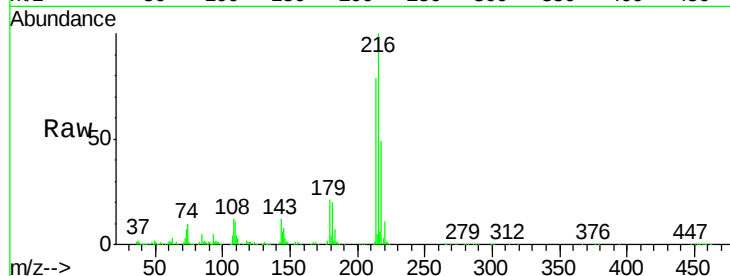




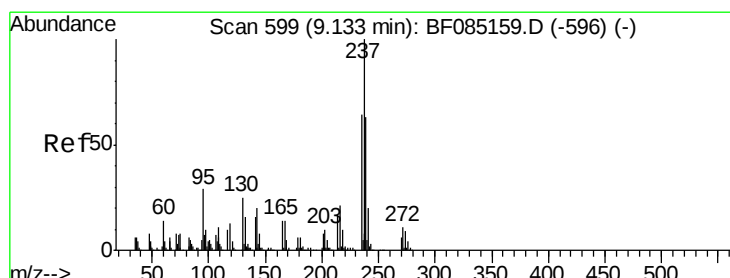
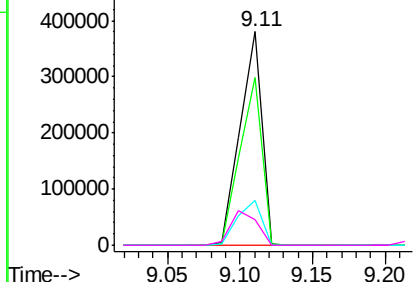
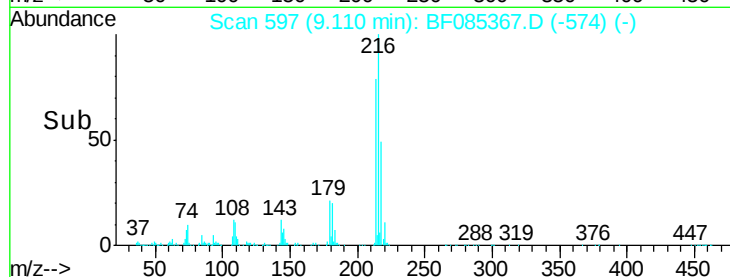
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.71 ng
 RT: 9.11 min Scan# 597
 Delta R.T. -0.03 min
 Lab File: BF085367.D
 Acq: 11 Mar 2016 9:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:	216	Resp:	396131
Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.8	95.6
179	23.4	19.6	29.4
108	20.2	19.6	29.4

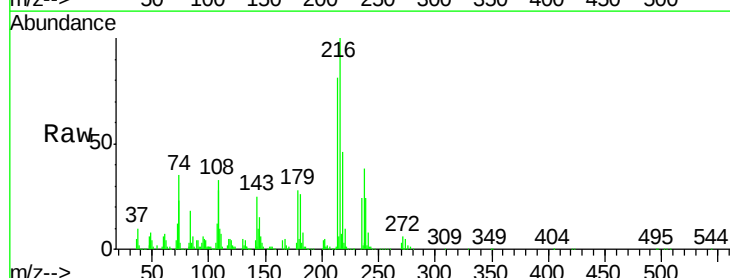


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

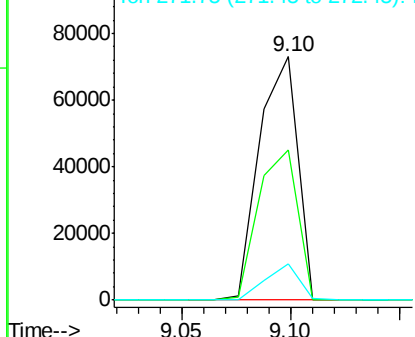
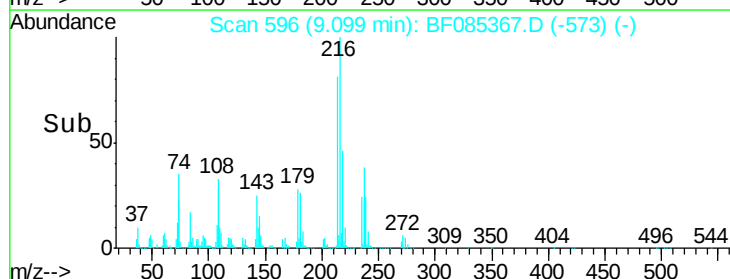


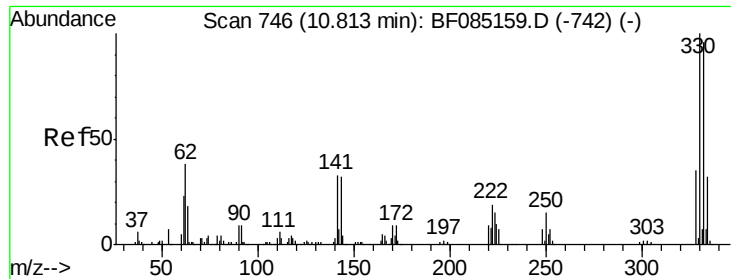
#40
 Hexachlorocyclopentadiene
 Concen: 19.31 ng
 RT: 9.10 min Scan# 596
 Delta R.T. -0.03 min
 Lab File: BF085367.D
 Acq: 11 Mar 2016 9:50

Tgt Ion:	237	Resp:	90243
Ion	Ratio	Lower	Upper
237	100		
235	61.6	43.7	83.7
272	14.7	0.0	31.5



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

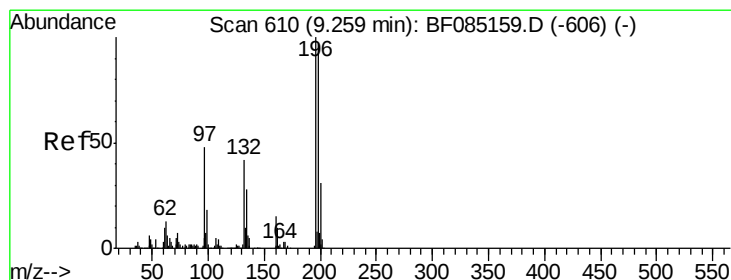
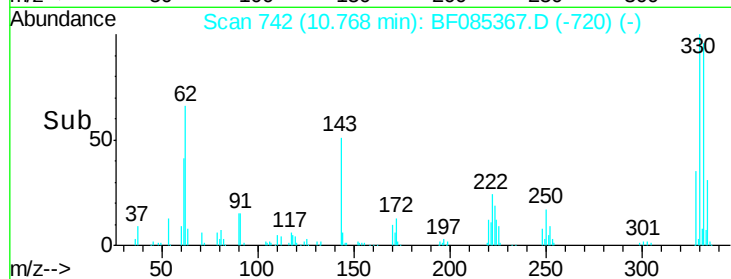
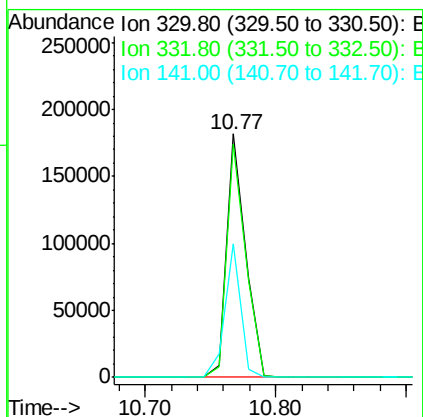
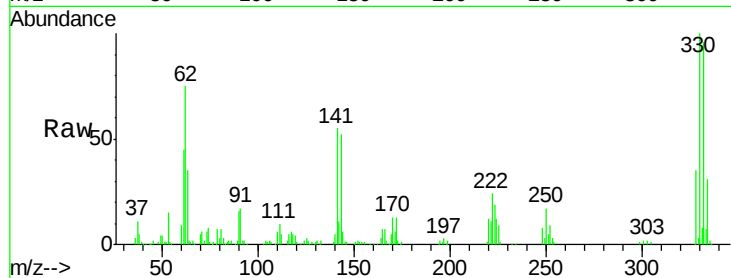




#41
 2,4,6-Tribromophenol
 Concen: 70.71 ng
 RT: 10.77 min Scan# 742
 Delta R.T. -0.05 min
 Lab File: BF085367.D
 Acq: 11 Mar 2016 9:50

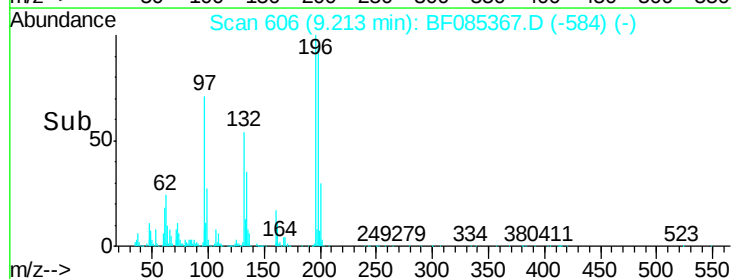
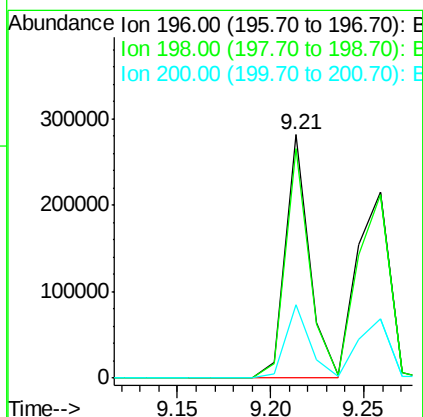
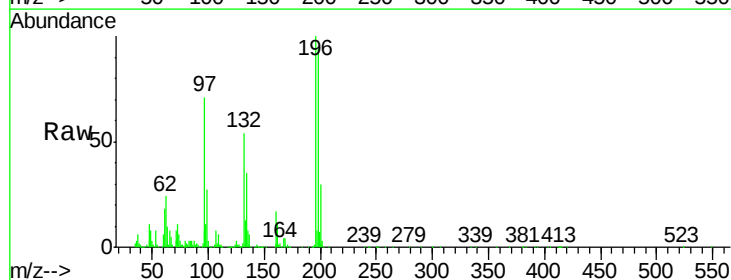
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

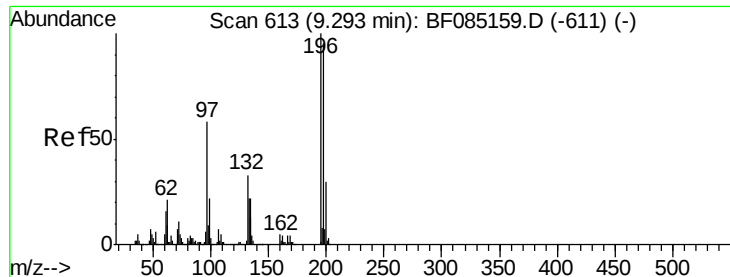
Tgt Ion:330 Resp: 183342
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.1 115.7
 141 46.2 35.0 52.6



#42
 2,4,6-Trichlorophenol
 Concen: 39.19 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.05 min
 Lab File: BF085367.D
 Acq: 11 Mar 2016 9:50

Tgt Ion:196 Resp: 252787
 Ion Ratio Lower Upper
 196 100
 198 94.3 77.8 116.6
 200 29.9 25.0 37.6

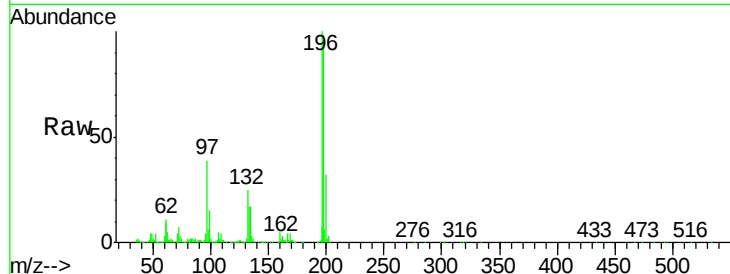




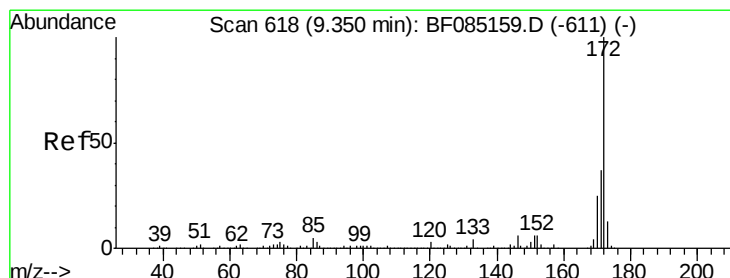
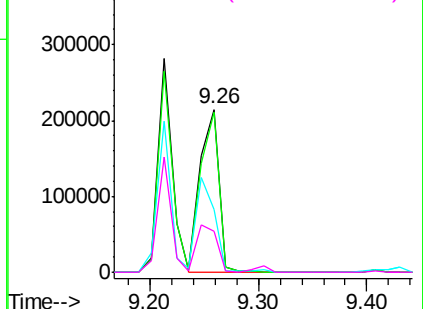
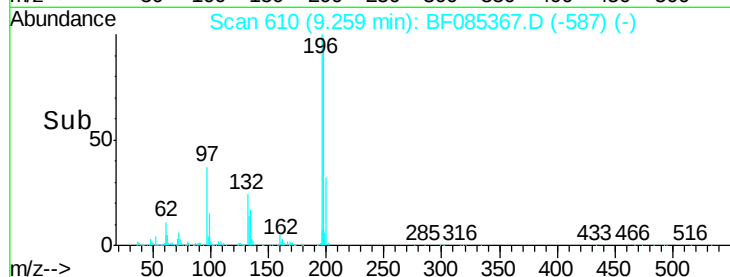
#43
 2,4,5-Trichlorophenol
 Concen: 42.69 ng
 RT: 9.26 min Scan# 610
 Delta R.T. -0.03 min
 Lab File: BF085367.D
 Acq: 11 Mar 2016 9:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:196 Resp: 261130
 Ion Ratio Lower Upper
 196 100
 198 98.3 75.7 113.5
 97 38.6 46.4 69.6#
 132 25.2 26.2 39.4#

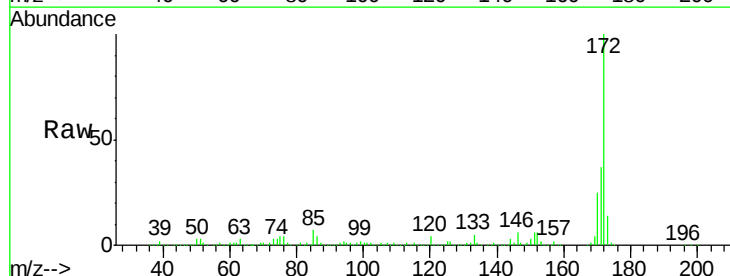


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

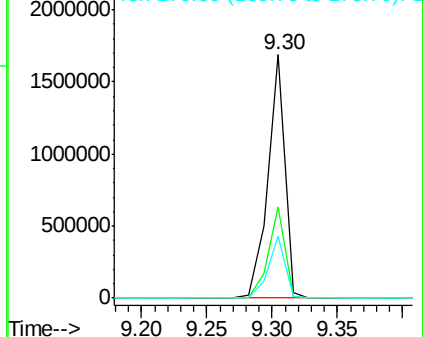
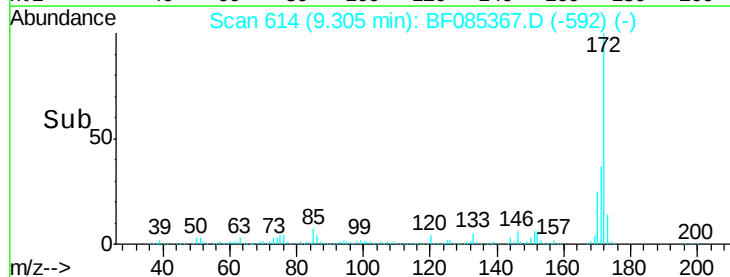


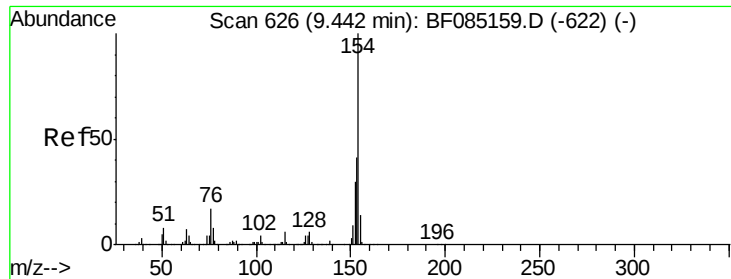
#44
 2-Fluorobiphenyl
 Concen: 77.35 ng
 RT: 9.30 min Scan# 614
 Delta R.T. -0.05 min
 Lab File: BF085367.D
 Acq: 11 Mar 2016 9:50

Tgt Ion:172 Resp: 1541254
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.3 43.9
 170 25.2 20.0 30.0



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

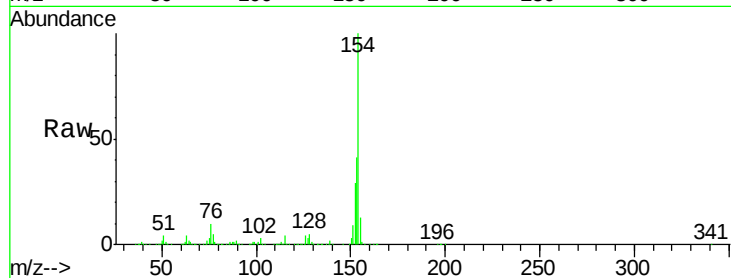




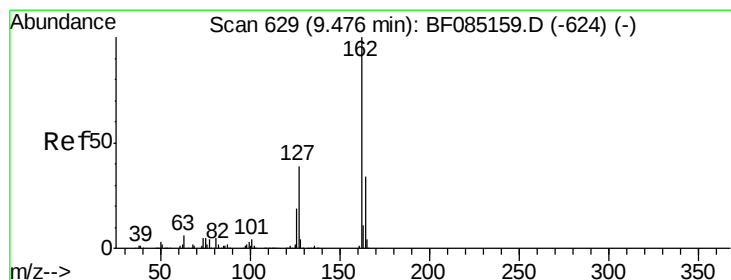
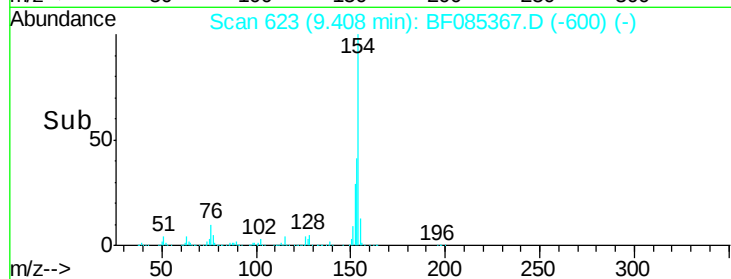
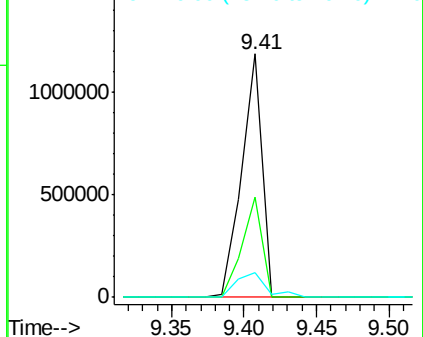
#45
 1,1'-Biphenyl
 Concen: 44.38 ng
 RT: 9.41 min Scan# 623
 Delta R.T. -0.03 min
 Lab File: BF085367.D
 Acq: 11 Mar 2016 9:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:154 Resp: 1148890
 Ion Ratio Lower Upper
 154 100
 153 41.2 21.4 61.4
 76 10.1 0.0 37.5

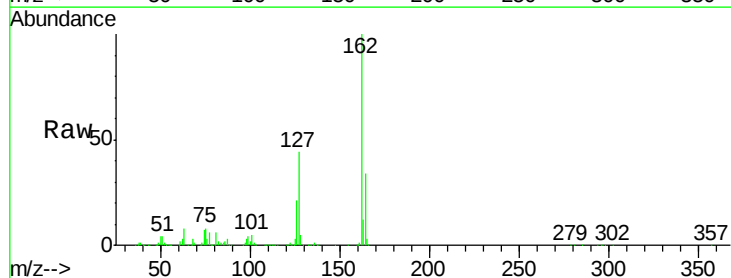


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

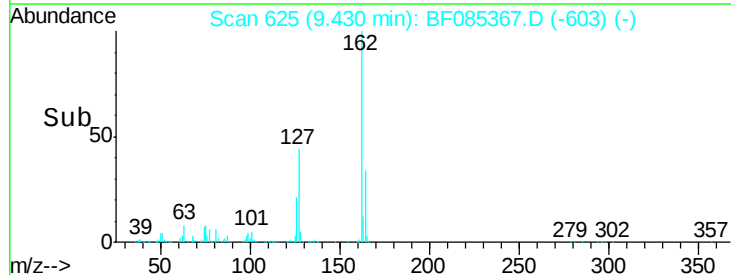
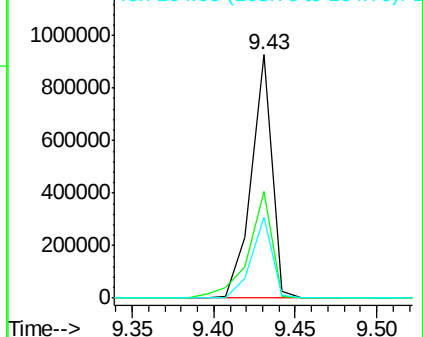


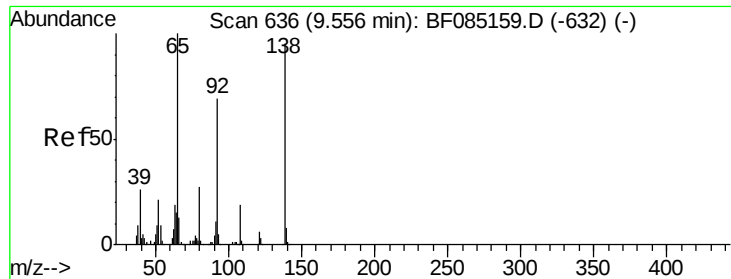
#46
 2-Chloronaphthalene
 Concen: 41.44 ng
 RT: 9.43 min Scan# 625
 Delta R.T. -0.05 min
 Lab File: BF085367.D
 Acq: 11 Mar 2016 9:50

Tgt Ion:162 Resp: 817844
 Ion Ratio Lower Upper
 162 100
 127 44.0 31.6 47.4
 164 33.5 27.1 40.7



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: 41.72 ng

RT: 9.52 min Scan# 633

Delta R.T. -0.03 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

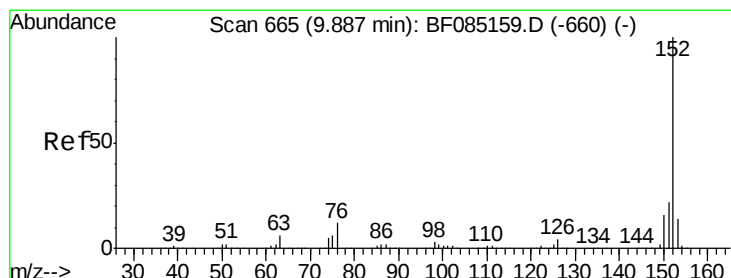
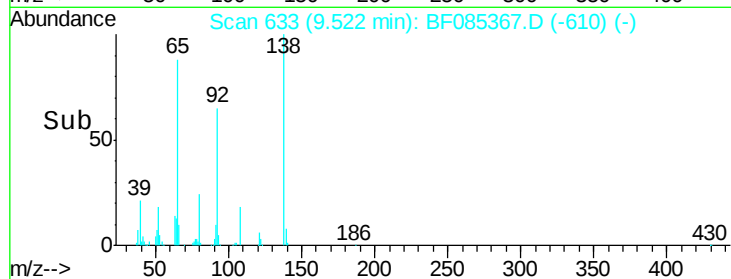
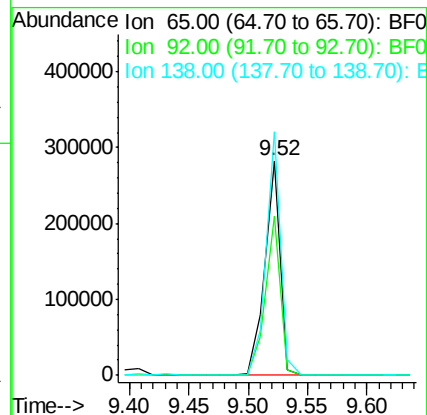
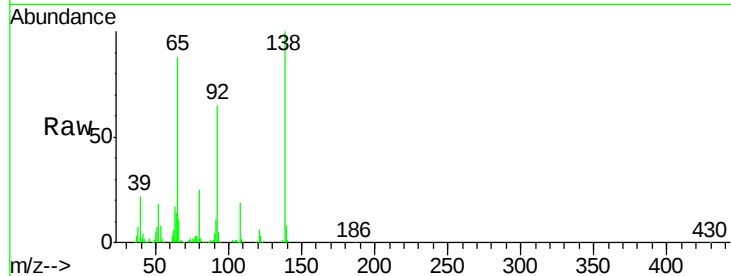
Tgt Ion: 65 Resp: 255110

Ion Ratio Lower Upper

65 100

92 74.2 55.4 83.2

138 113.6 75.7 113.5#



#48

Acenaphthylene

Concen: 38.63 ng

RT: 9.84 min Scan# 661

Delta R.T. -0.05 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

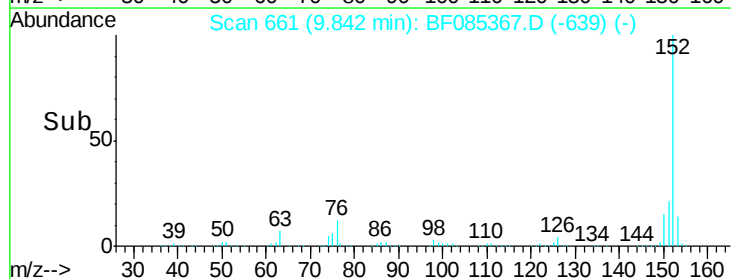
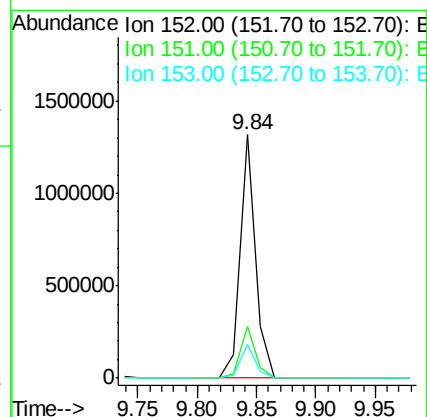
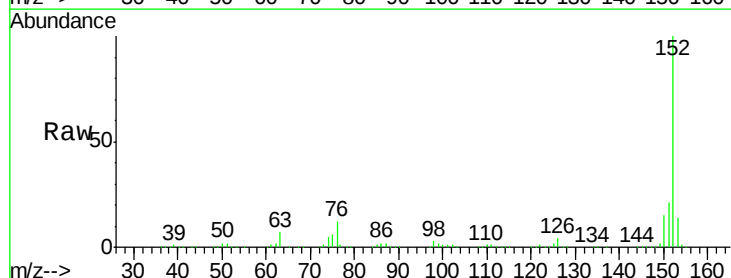
Tgt Ion: 152 Resp: 1186392

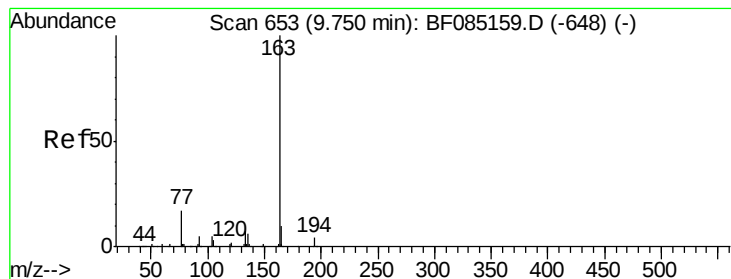
Ion Ratio Lower Upper

152 100

151 21.0 17.5 26.3

153 13.8 11.3 16.9





#49

Dimethylphthalate

Concen: 41.02 ng

RT: 9.70 min Scan# 649

Delta R.T. -0.05 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

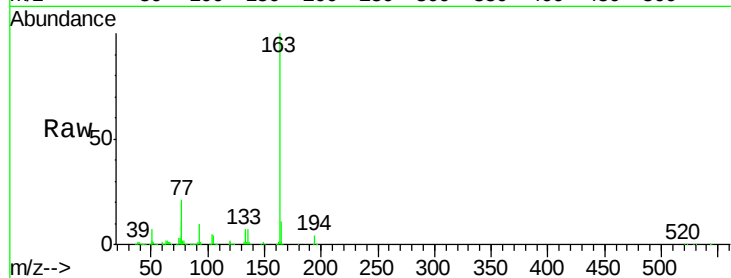
Tgt Ion:163 Resp: 954052

Ion Ratio Lower Upper

163 100

194 3.6 3.1 4.7

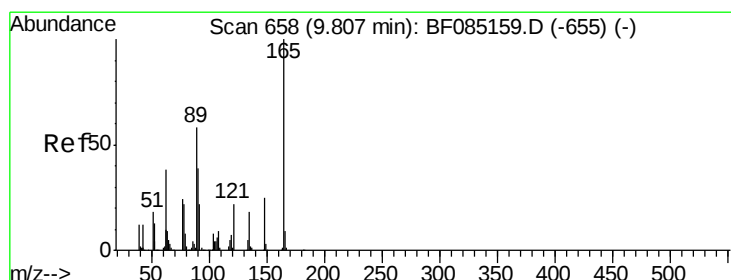
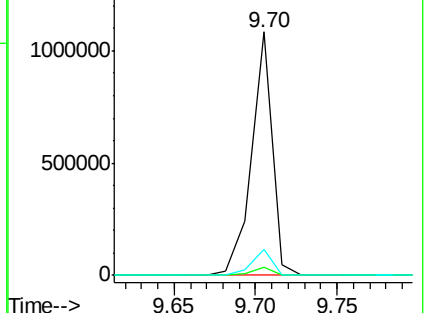
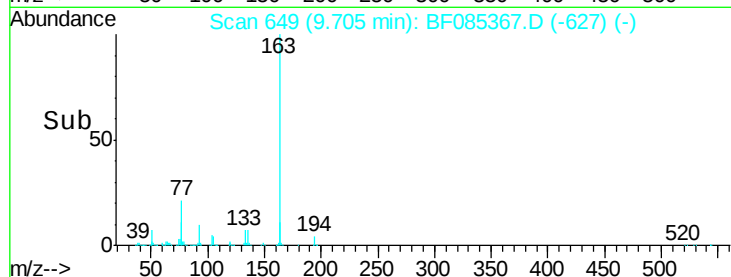
164 10.6 8.2 12.4



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: 36.15 ng

RT: 9.76 min Scan# 654

Delta R.T. -0.05 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

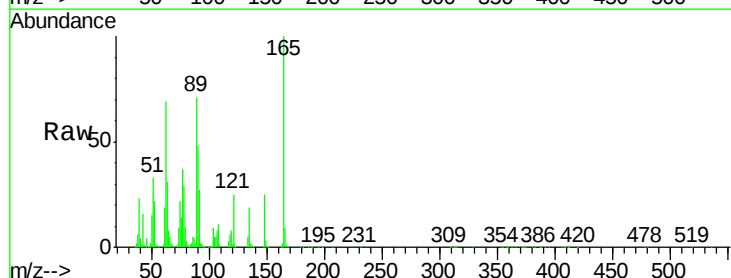
Tgt Ion:165 Resp: 179882

Ion Ratio Lower Upper

165 100

63 69.0 41.8 62.8#

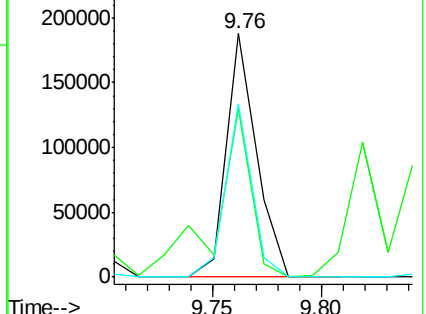
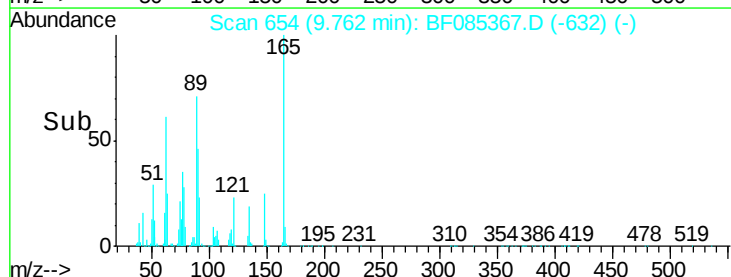
89 71.2 46.7 70.1#

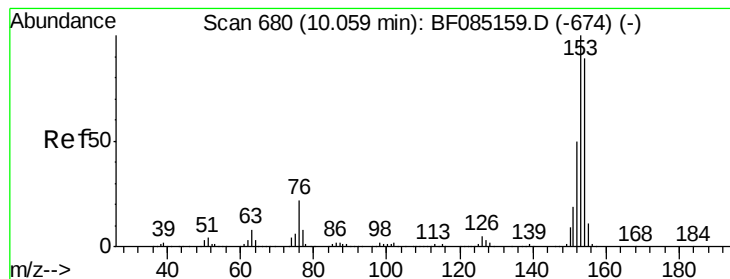


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.03 ng

RT: 10.01 min Scan# 676

Delta R.T. -0.05 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

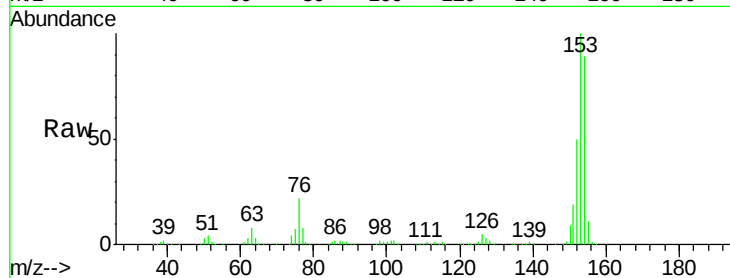
Tgt Ion:154 Resp: 709289

Ion Ratio Lower Upper

154 100

153 112.2 89.8 134.8

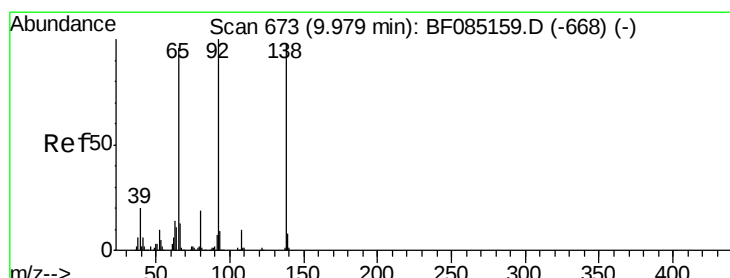
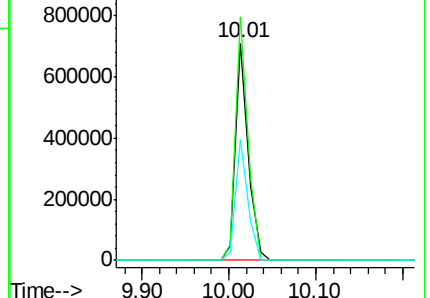
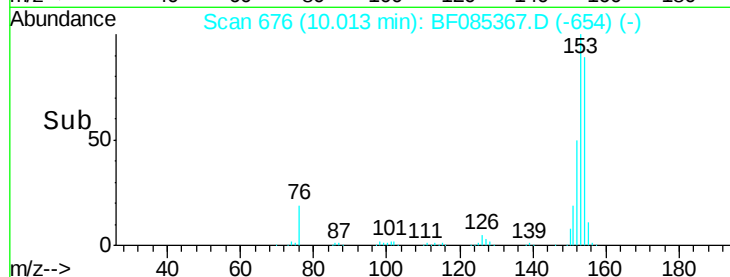
152 55.8 44.6 66.8



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: 40.20 ng

RT: 9.93 min Scan# 669

Delta R.T. -0.05 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

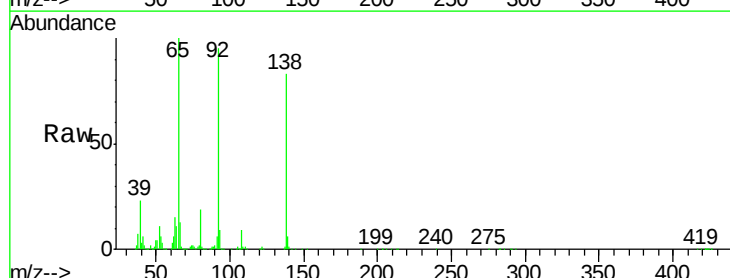
Tgt Ion:138 Resp: 239301

Ion Ratio Lower Upper

138 100

108 10.4 7.8 11.6

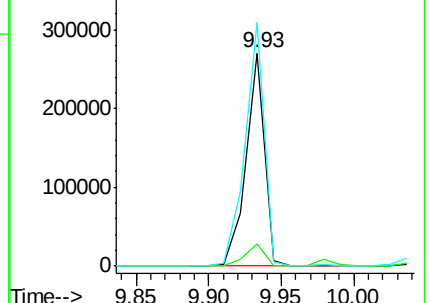
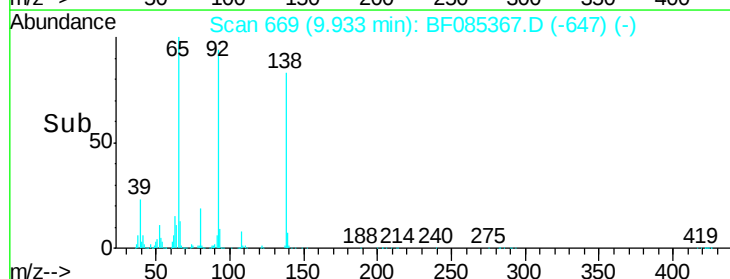
92 114.4 81.3 121.9

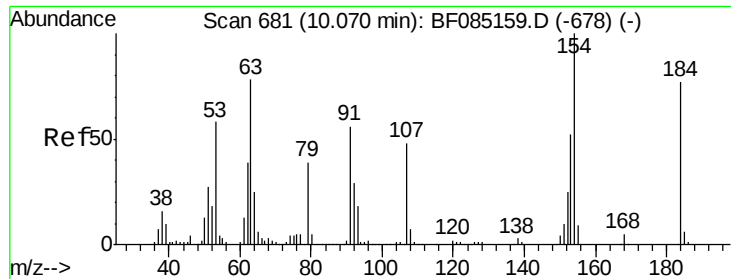


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

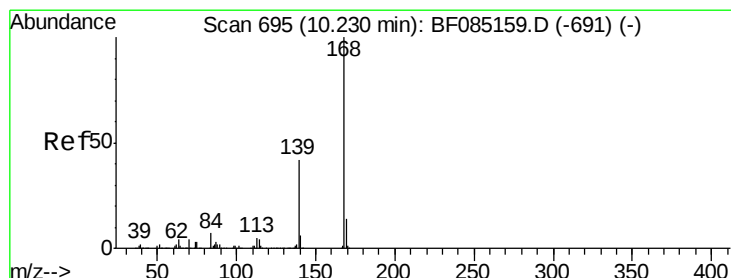
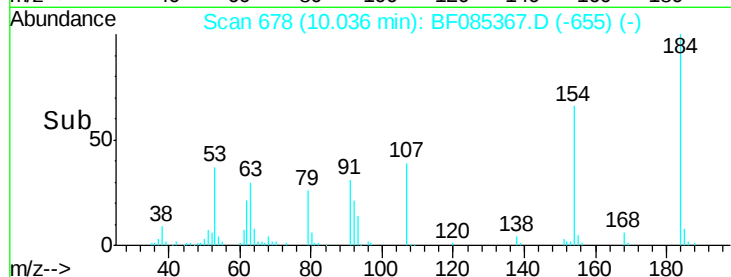
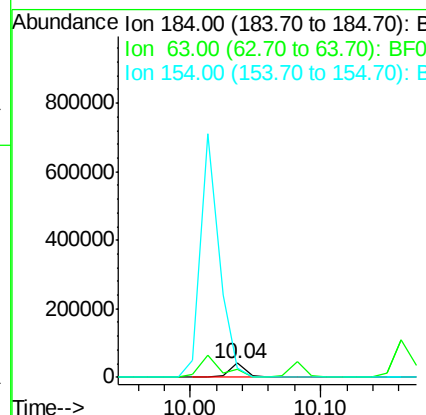
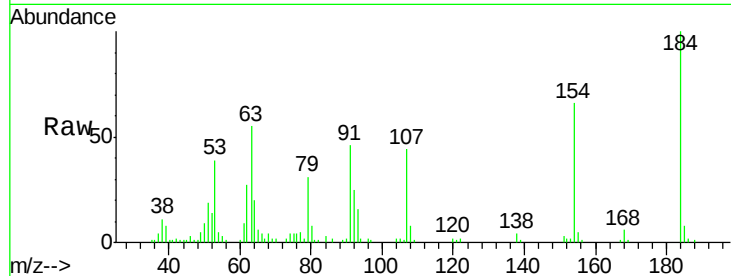




#53
 2,4-Dinitrophenol
 Concen: 20.66 ng
 RT: 10.04 min Scan# 678
 Delta R.T. -0.03 min
 Lab File: BF085367.D
 Acq: 11 Mar 2016 9:50

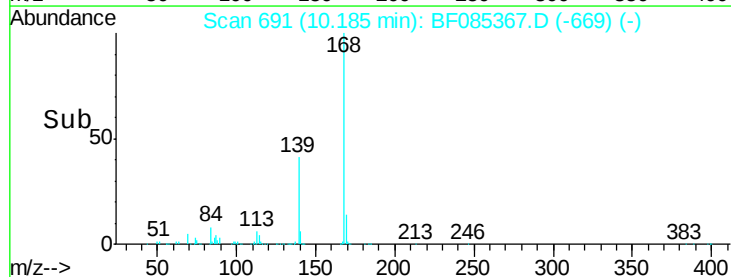
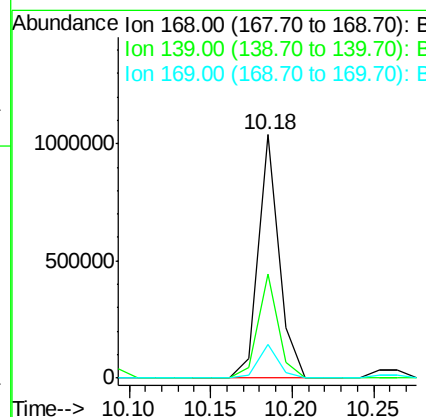
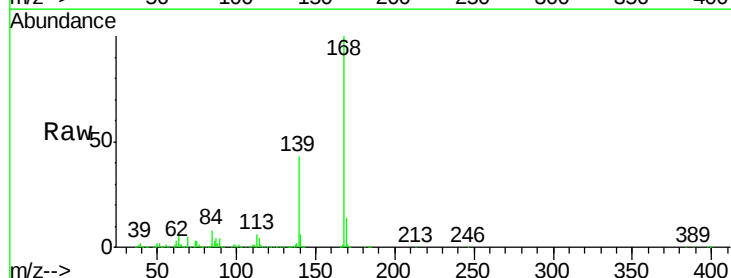
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

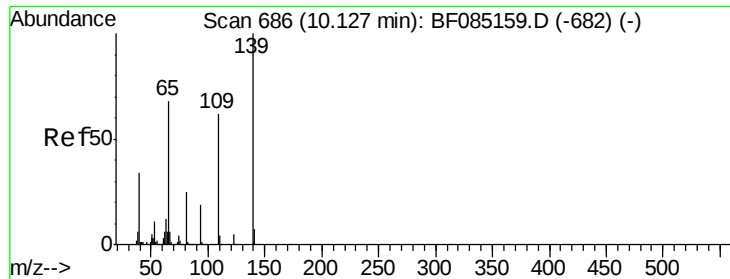
Tgt Ion:184 Resp: 35457
 Ion Ratio Lower Upper
 184 100
 63 55.4 82.2 123.4#
 154 66.0 108.9 163.3#



#54
 Dibenzofuran
 Concen: 37.67 ng
 RT: 10.18 min Scan# 691
 Delta R.T. -0.05 min
 Lab File: BF085367.D
 Acq: 11 Mar 2016 9:50

Tgt Ion:168 Resp: 920351
 Ion Ratio Lower Upper
 168 100
 139 42.8 33.6 50.4
 169 14.1 11.2 16.8





#55

4-Nitrophenol

Concen: 30.08 ng

RT: 10.08 min Scan# 682

Delta R.T. -0.05 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

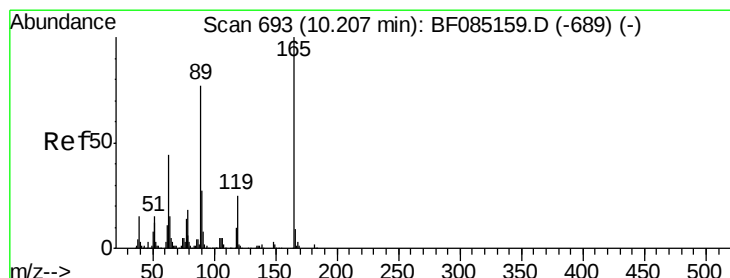
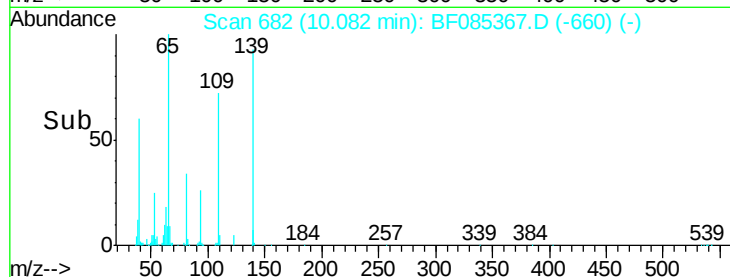
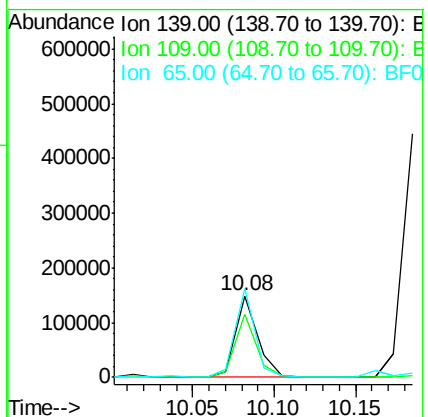
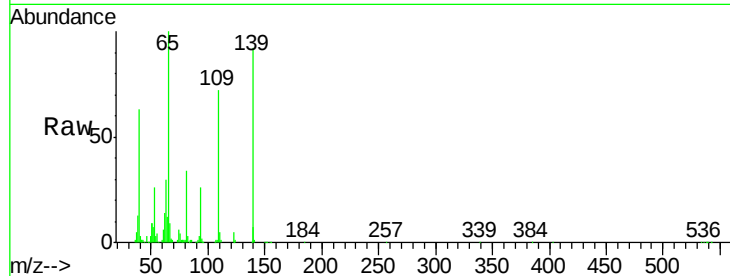
Tgt Ion:139 Resp: 140701

Ion Ratio Lower Upper

139 100

109 77.8 41.9 81.9

65 108.3 48.3 88.3#



#56

2,4-Dinitrotoluene

Concen: 37.72 ng

RT: 10.16 min Scan# 689

Delta R.T. -0.05 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

Tgt Ion:165 Resp: 240178

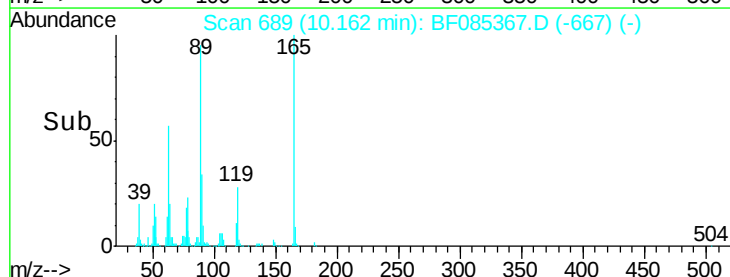
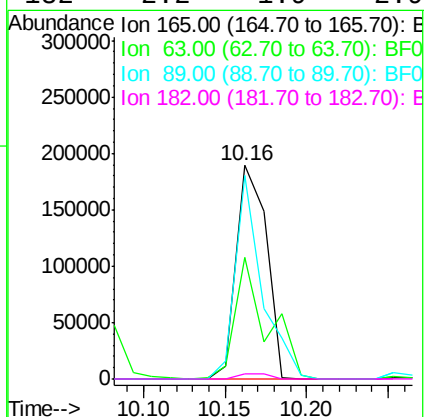
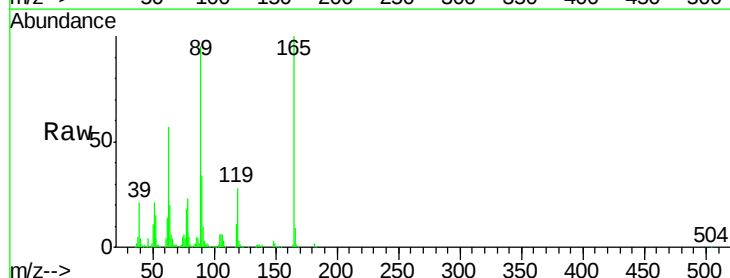
Ion Ratio Lower Upper

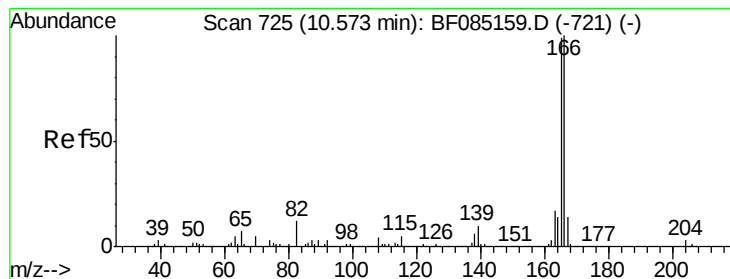
165 100

63 57.0 35.4 53.0#

89 95.3 61.9 92.9#

182 2.2 1.9 2.9





#57

Fluorene

Concen: 37.61 ng

RT: 10.53 min Scan# 721

Delta R.T. -0.05 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

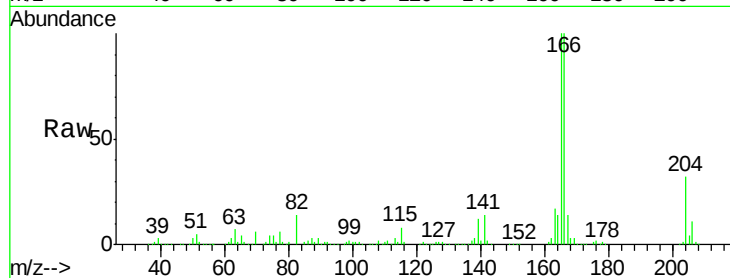
Tgt Ion:166 Resp: 721878

Ion Ratio Lower Upper

166 100

165 99.8 79.4 119.0

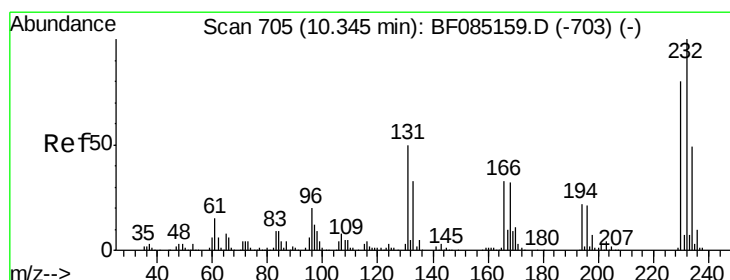
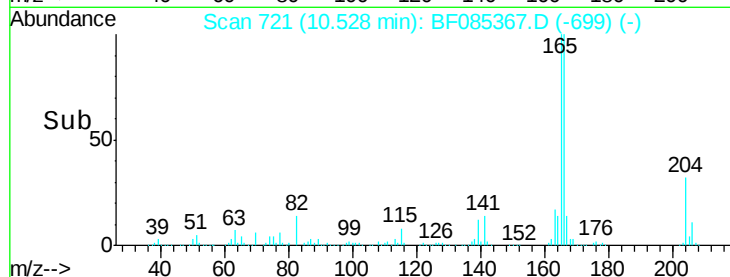
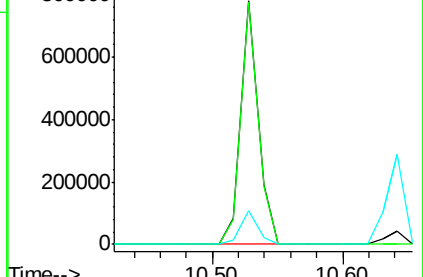
167 13.9 11.0 16.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.36 ng

RT: 10.30 min Scan# 701

Delta R.T. -0.05 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

Tgt Ion:232 Resp: 156258

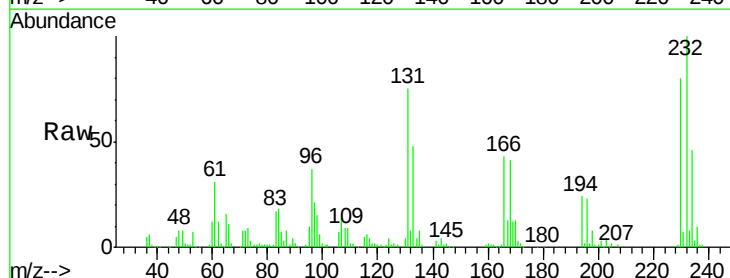
Ion Ratio Lower Upper

232 100

131 58.5 46.0 69.0

130 3.0 2.2 3.4

166 36.1 28.8 43.2

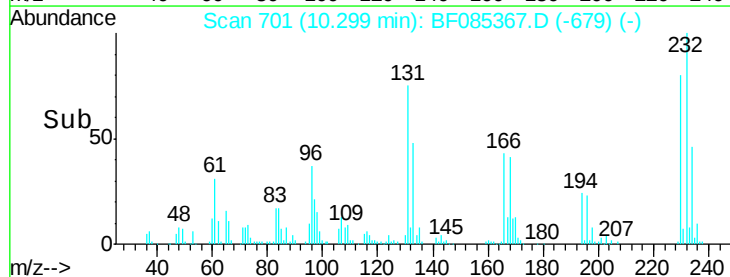
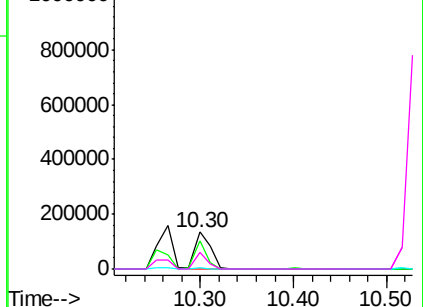


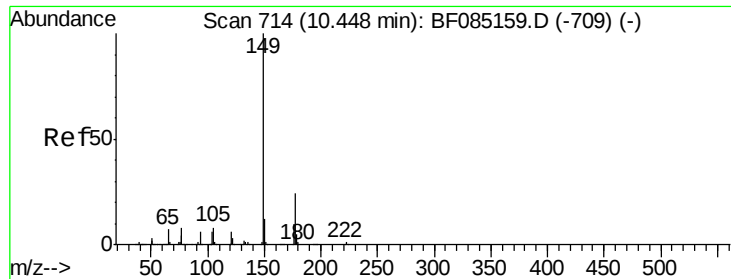
Abundance Ion 232.00 (231.70 to 232.70): E

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

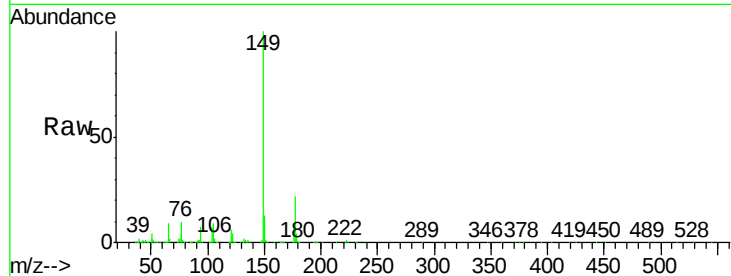




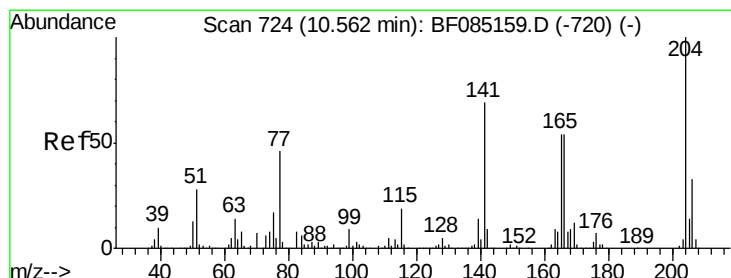
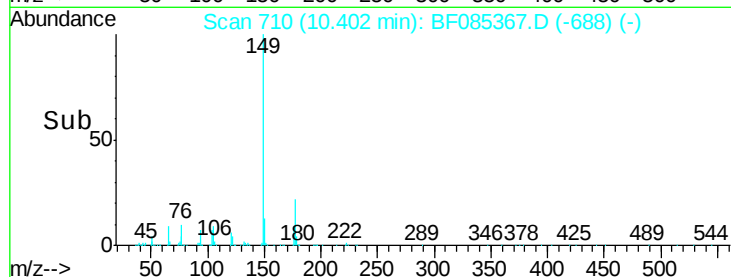
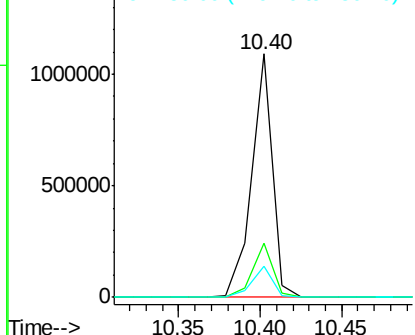
#59
Diethylphthalate
Concen: 42.33 ng
RT: 10.40 min Scan# 710
Delta R.T. -0.05 min
Lab File: BF085367.D
Acq: 11 Mar 2016 9:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:149 Resp: 955473
Ion Ratio Lower Upper
149 100
177 22.2 19.2 28.8
150 13.0 9.9 14.9

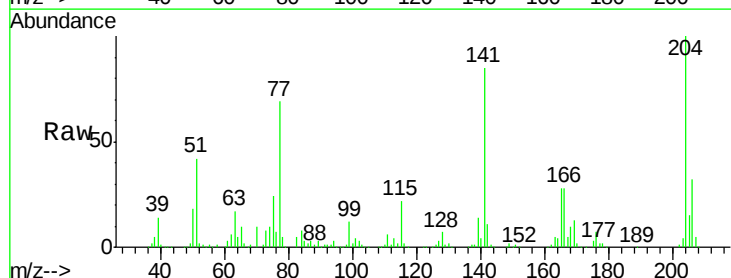


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

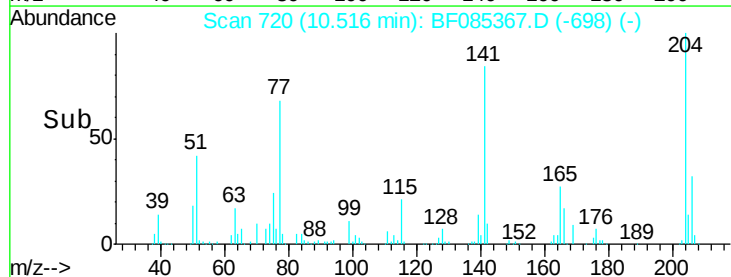
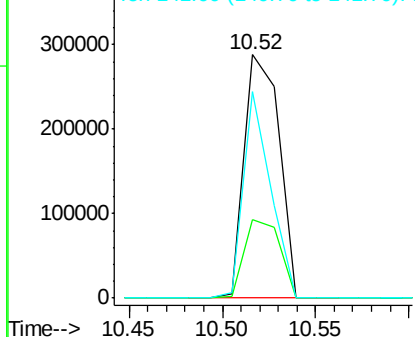


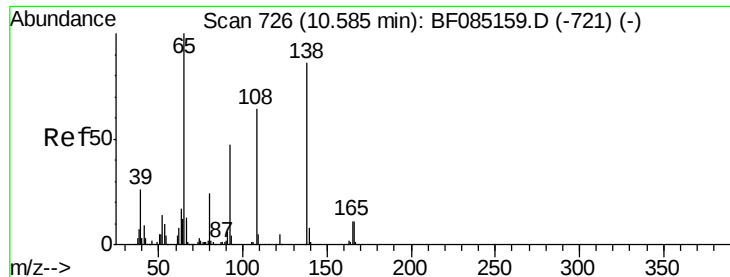
#60
4-Chlorophenyl-phenylether
Concen: 39.94 ng
RT: 10.52 min Scan# 720
Delta R.T. -0.05 min
Lab File: BF085367.D
Acq: 11 Mar 2016 9:50

Tgt Ion:204 Resp: 372923
Ion Ratio Lower Upper
204 100
206 32.1 26.5 39.7
141 84.8 55.4 83.2#



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

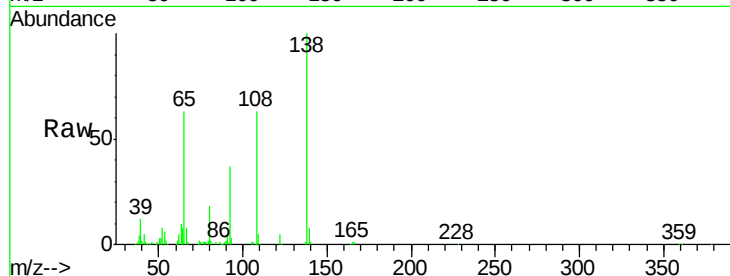




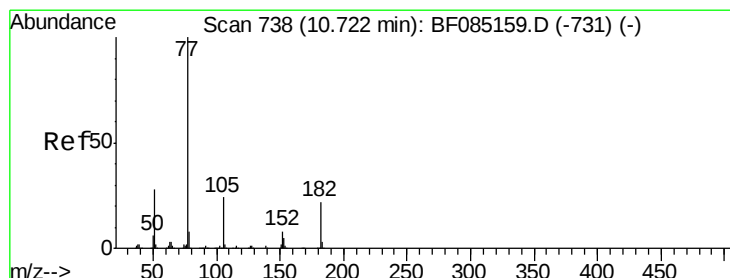
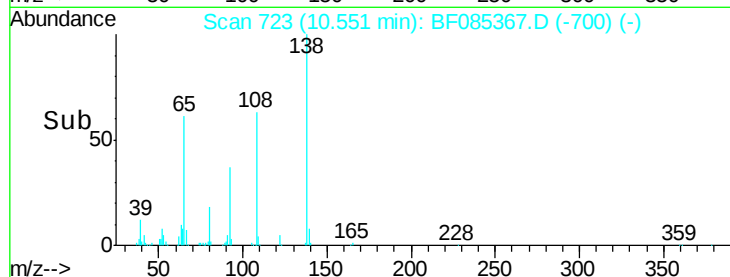
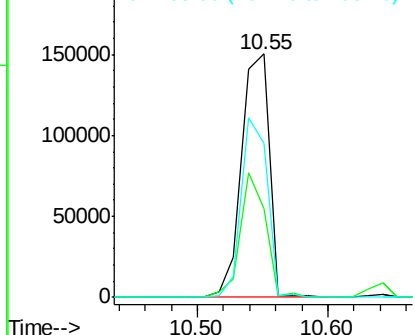
#61
4-Nitroaniline
Concen: 39.74 ng
RT: 10.55 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF085367.D
Acq: 11 Mar 2016 9:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:138 Resp: 221267
Ion Ratio Lower Upper
138 100
92 36.5 34.2 74.2
108 63.3 53.9 93.9



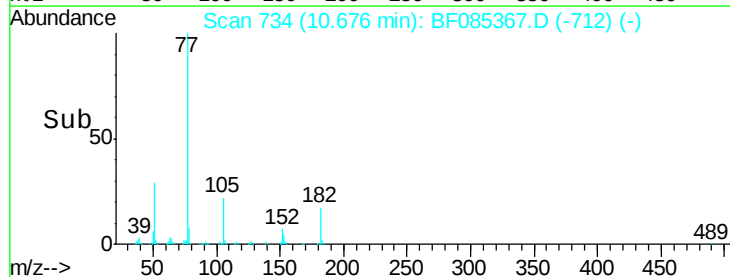
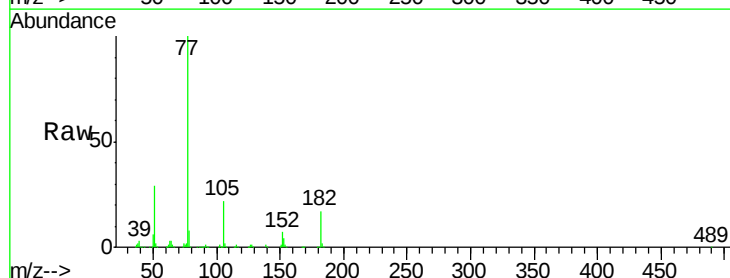
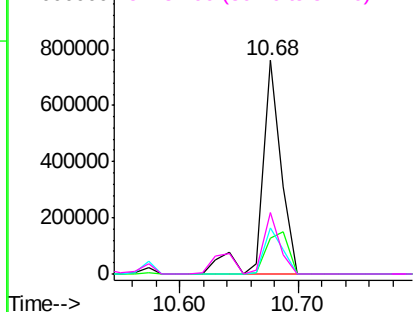
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

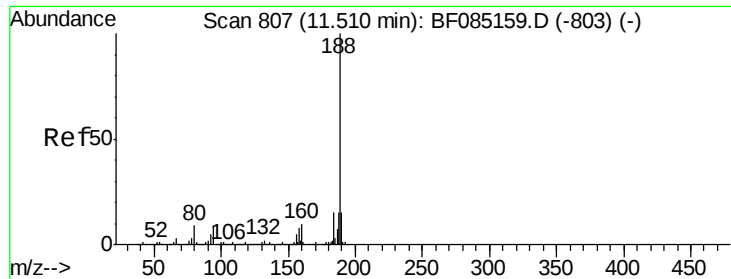


#62
Azobenzene
Concen: 38.18 ng
RT: 10.68 min Scan# 734
Delta R.T. -0.05 min
Lab File: BF085367.D
Acq: 11 Mar 2016 9:50

Tgt Ion: 77 Resp: 848941
Ion Ratio Lower Upper
77 100
182 17.1 2.1 42.1
105 21.8 3.8 43.8
51 28.9 7.8 47.8

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

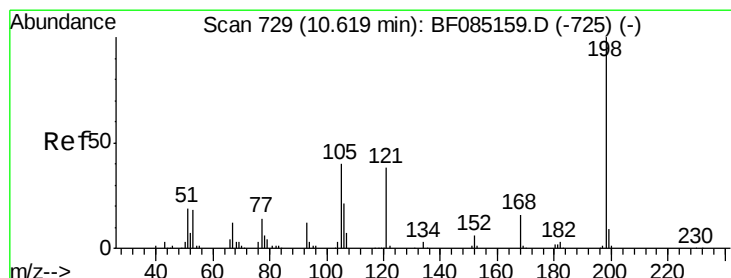
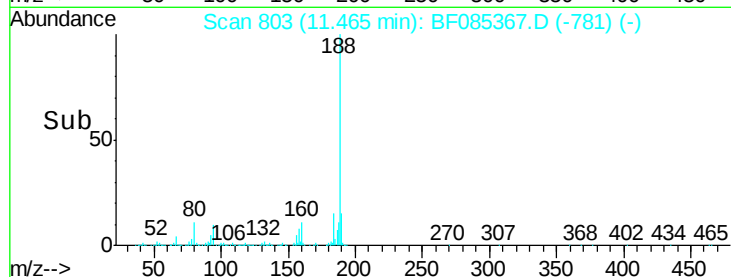
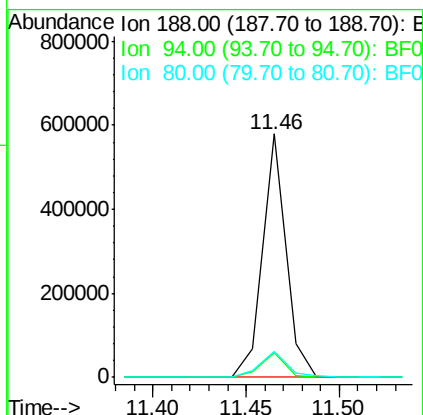
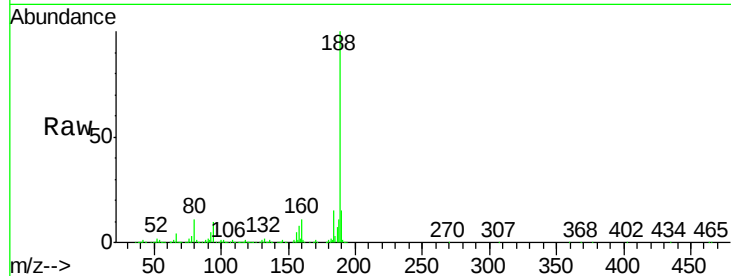




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 803
Delta R.T. -0.05 min
Lab File: BF085367.D
Acq: 11 Mar 2016 9:50

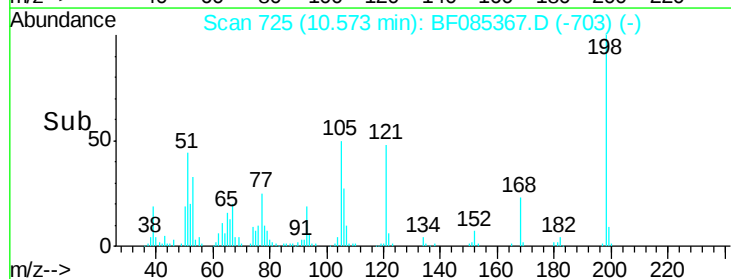
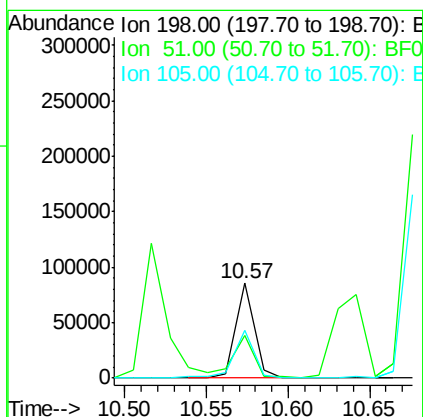
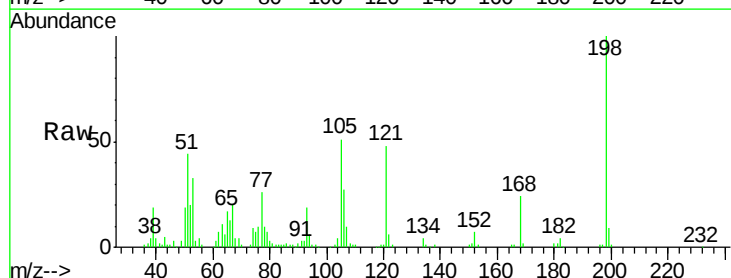
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

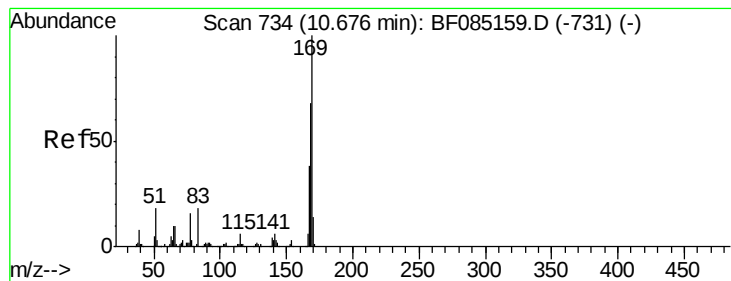
Tgt Ion:188 Resp: 499951
Ion Ratio Lower Upper
188 100
94 10.0 7.0 10.6
80 10.9 7.4 11.0



#64
4,6-Dinitro-2-methylphenol
Concen: 22.43 ng
RT: 10.57 min Scan# 725
Delta R.T. -0.04 min
Lab File: BF085367.D
Acq: 11 Mar 2016 9:50

Tgt Ion:198 Resp: 67137
Ion Ratio Lower Upper
198 100
51 44.3 9.5 49.5
105 50.9 20.5 60.5





#65

n-Nitrosodiphenylamine

Concen: 47.45 ng

RT: 10.64 min Scan# 731

Delta R.T. -0.03 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

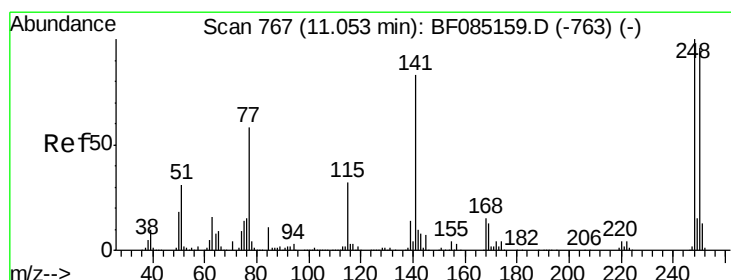
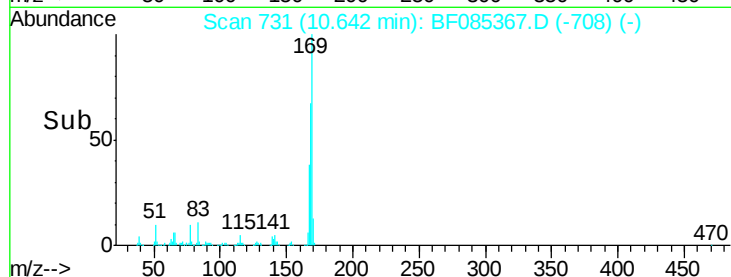
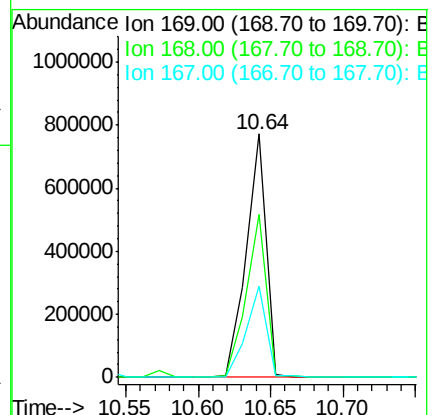
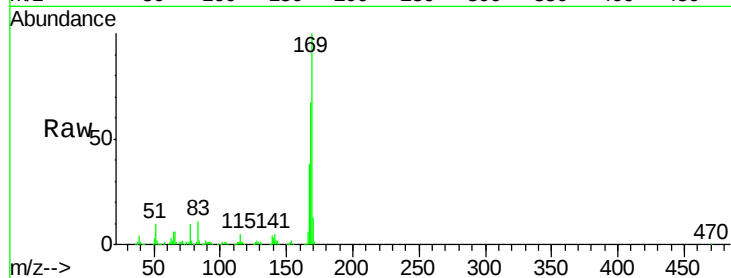
Tgt Ion:169 Resp: 737850

Ion Ratio Lower Upper

169 100

168 66.9 54.8 82.2

167 37.6 30.3 45.5



#66

4-Bromophenyl-phenylether

Concen: 43.13 ng

RT: 11.01 min Scan# 763

Delta R.T. -0.05 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

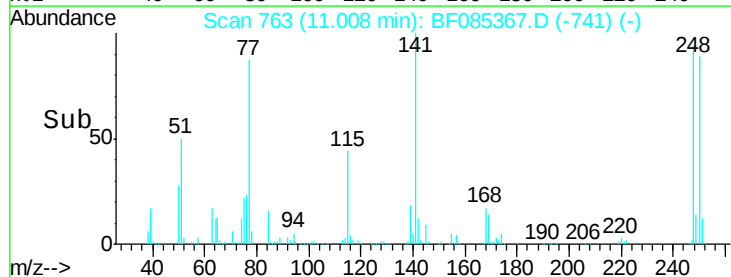
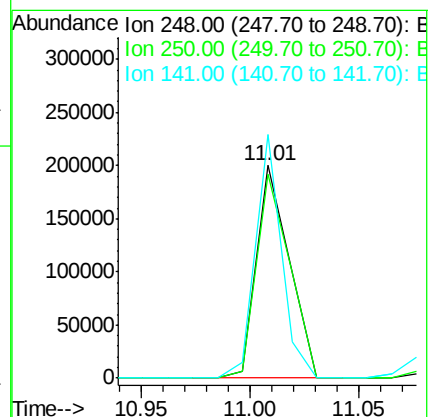
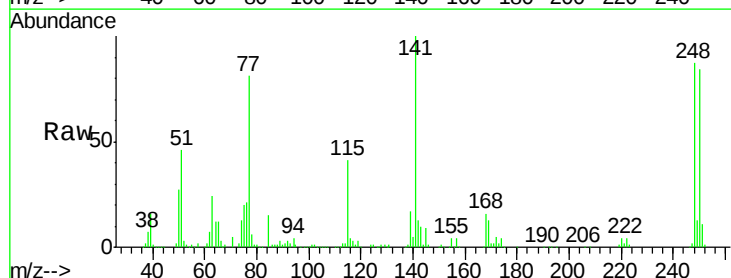
Tgt Ion:248 Resp: 209363

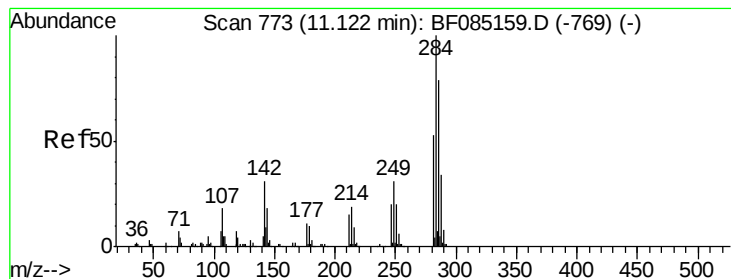
Ion Ratio Lower Upper

248 100

250 95.7 77.1 115.7

141 114.6 66.2 99.2#





#67

Hexachlorobenzene

Concen: 38.75 ng

RT: 11.08 min Scan# 769

Delta R.T. -0.05 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

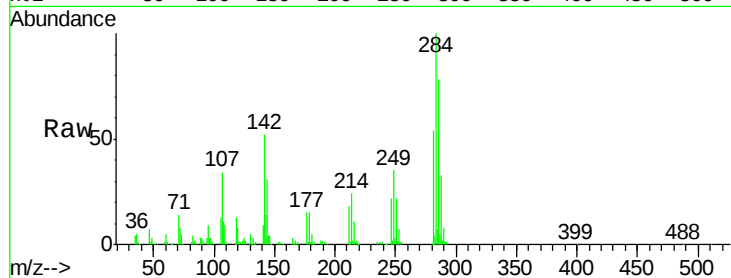
Tgt Ion:284 Resp: 200684

Ion Ratio Lower Upper

284 100

142 52.1 24.9 37.3#

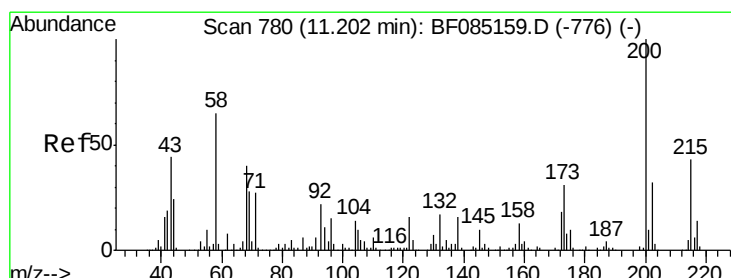
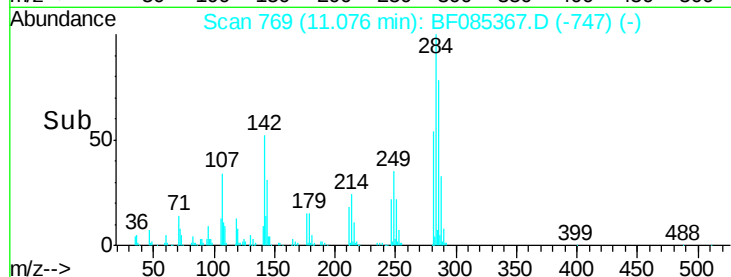
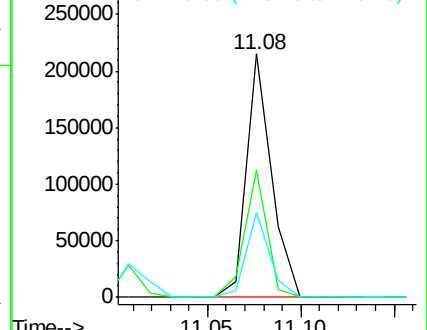
249 35.0 25.0 37.4



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: 51.93 ng

RT: 11.17 min Scan# 777

Delta R.T. -0.03 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

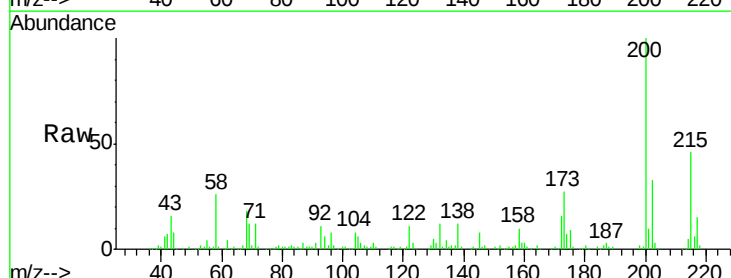
Tgt Ion:200 Resp: 224587

Ion Ratio Lower Upper

200 100

173 27.0 10.5 50.5

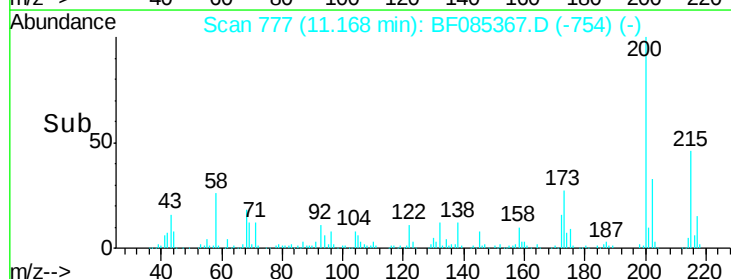
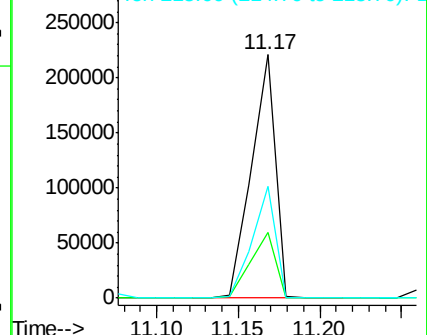
215 46.0 23.4 63.4

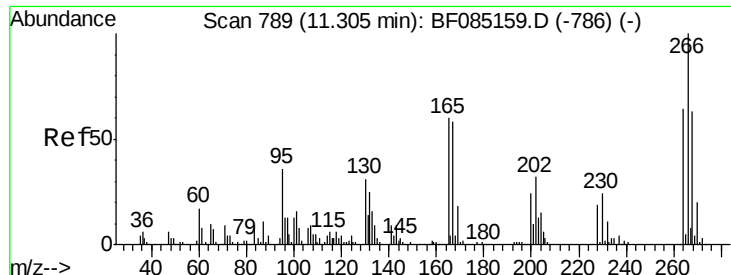


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

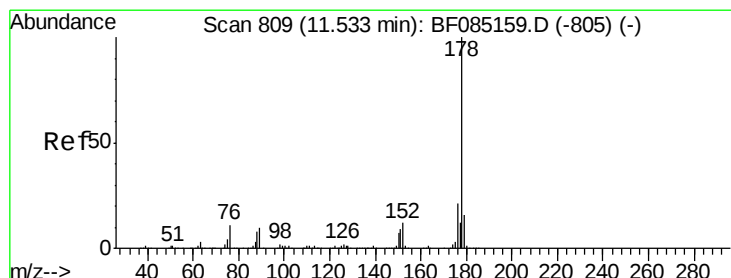
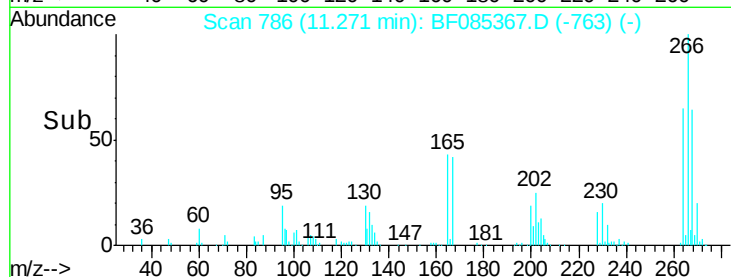
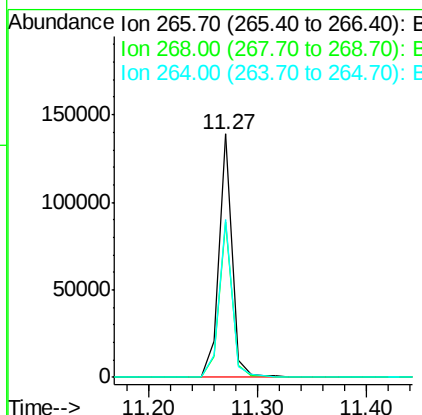
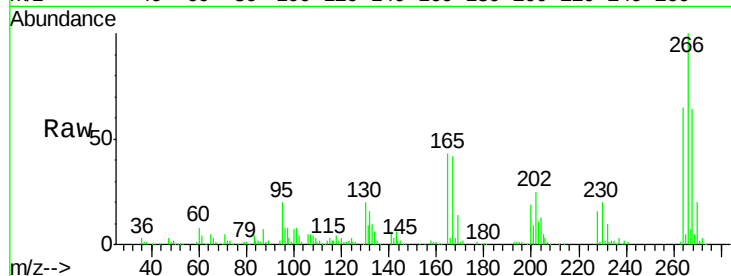




#69
 Pentachlorophenol
 Concen: 41.47 ng
 RT: 11.27 min Scan# 786
 Delta R.T. -0.03 min
 Lab File: BF085367.D
 Acq: 11 Mar 2016 9:50

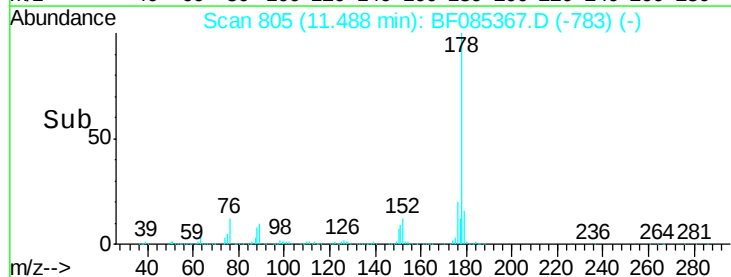
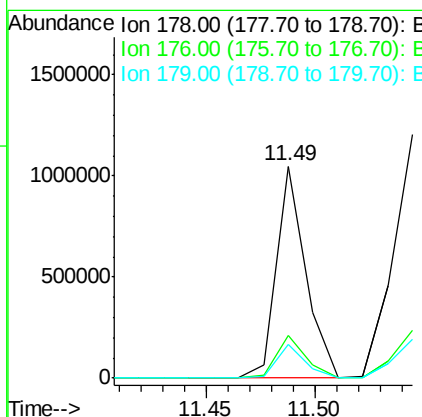
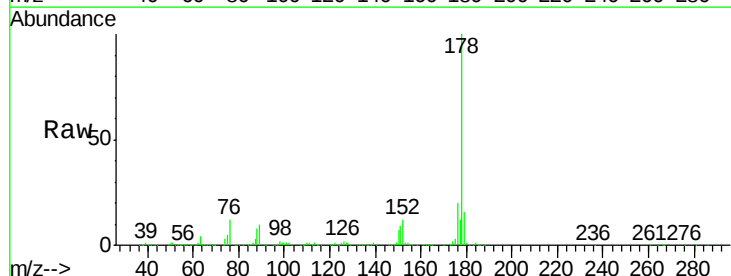
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

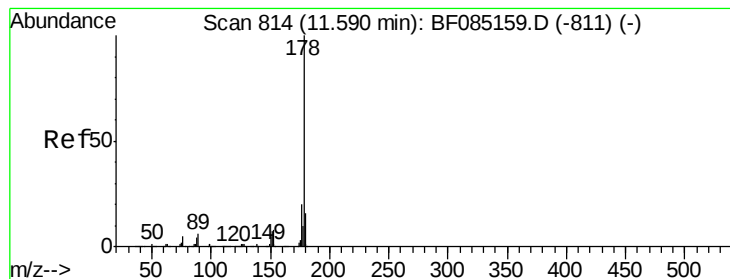
Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	50.0	75.0
264	64.7	51.4	77.2



#70
 Phenanthrene
 Concen: 37.64 ng
 RT: 11.49 min Scan# 805
 Delta R.T. -0.05 min
 Lab File: BF085367.D
 Acq: 11 Mar 2016 9:50

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.8	25.2
179	15.9	13.1	19.7





#71

Anthracene

Concen: 41.74 ng

RT: 11.54 min Scan# 810

Delta R.T. -0.05 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

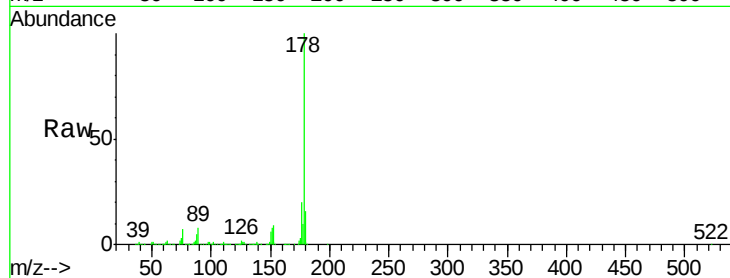
Tgt Ion:178 Resp: 1161033

Ion Ratio Lower Upper

178 100

176 19.7 15.9 23.9

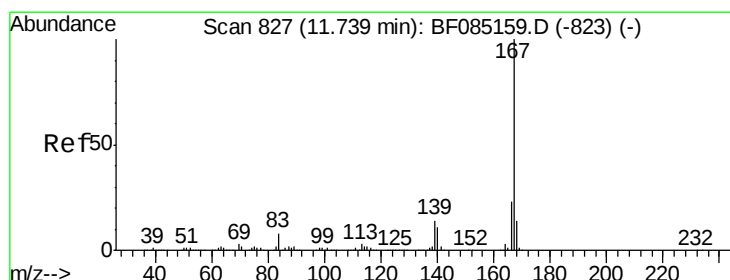
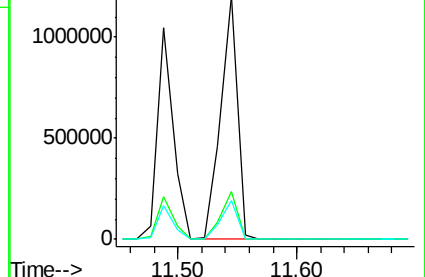
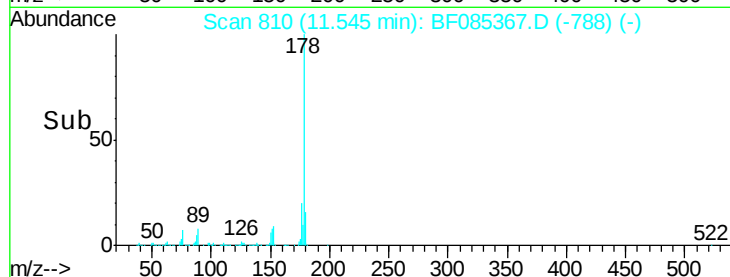
179 15.9 12.5 18.7



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: 36.60 ng

RT: 11.69 min Scan# 823

Delta R.T. -0.05 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

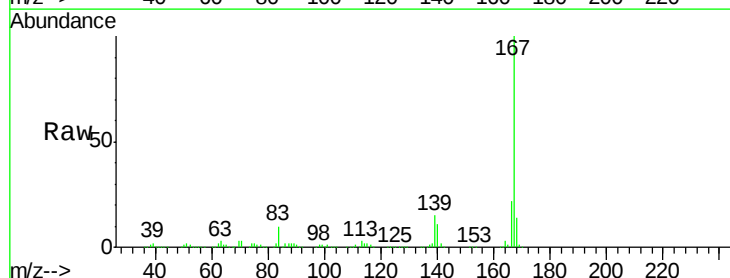
Tgt Ion:167 Resp: 892769

Ion Ratio Lower Upper

167 100

166 22.4 18.2 27.2

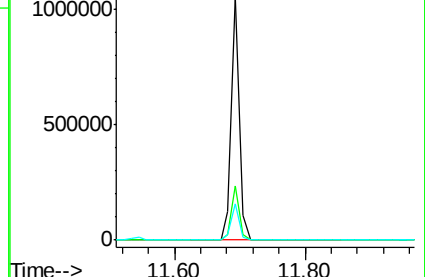
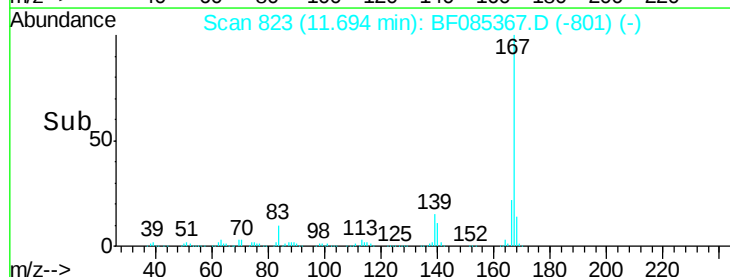
139 14.9 11.4 17.0

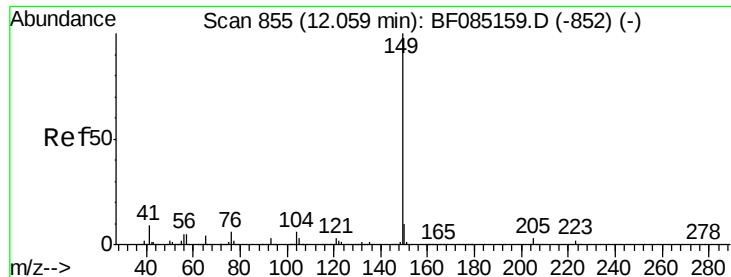


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.45 ng

RT: 12.02 min Scan# 852

Delta R.T. -0.03 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

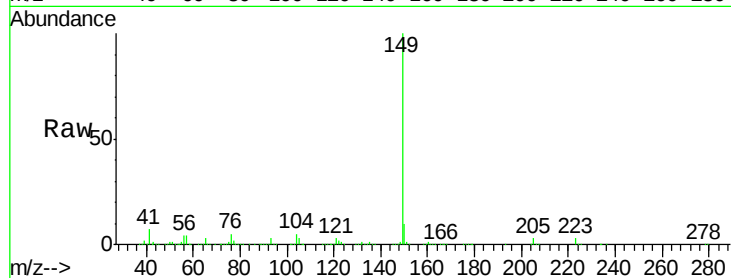
Tgt Ion:149 Resp: 1277845

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.6

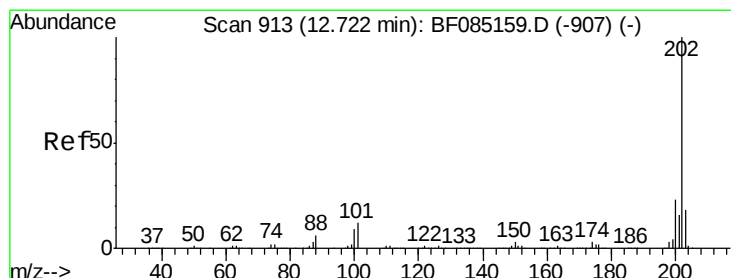
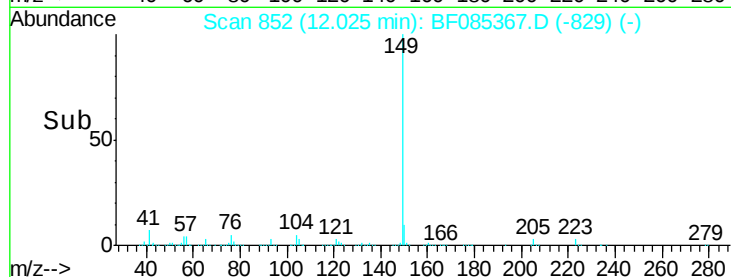
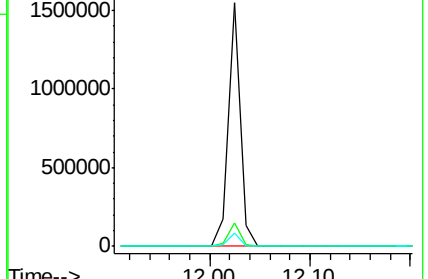
104 5.3 4.7 7.1



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: 34.74 ng

RT: 12.68 min Scan# 909

Delta R.T. -0.05 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

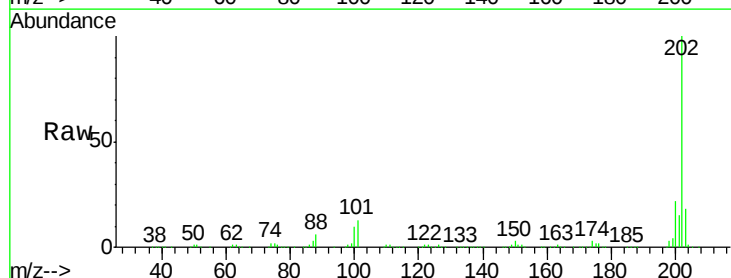
Tgt Ion:202 Resp: 913408

Ion Ratio Lower Upper

202 100

101 13.0 0.0 31.8

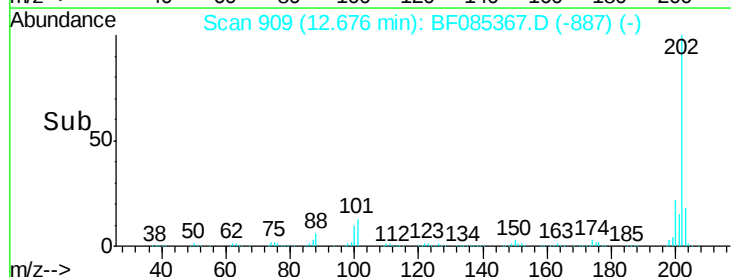
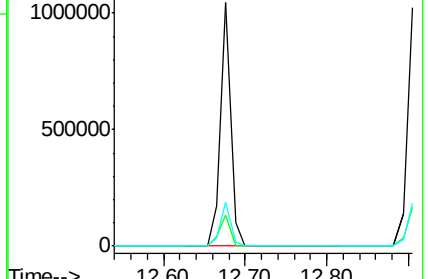
203 18.0 0.0 38.4

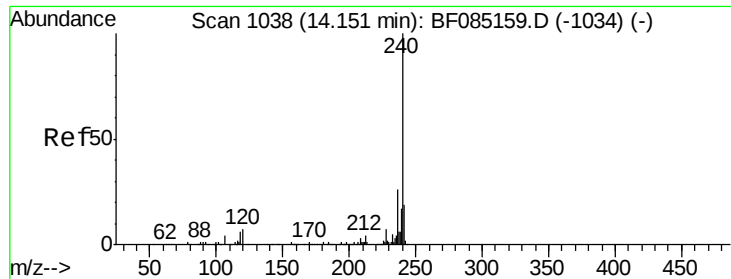


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

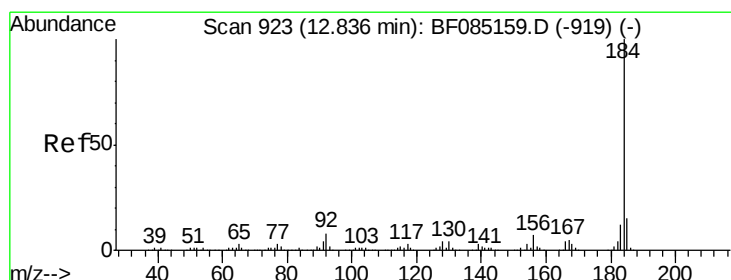
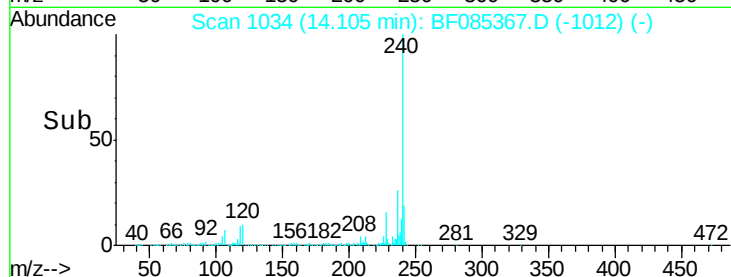
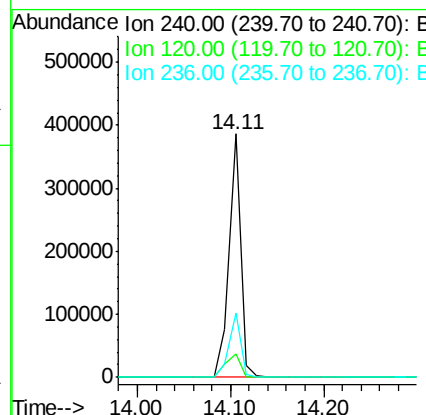
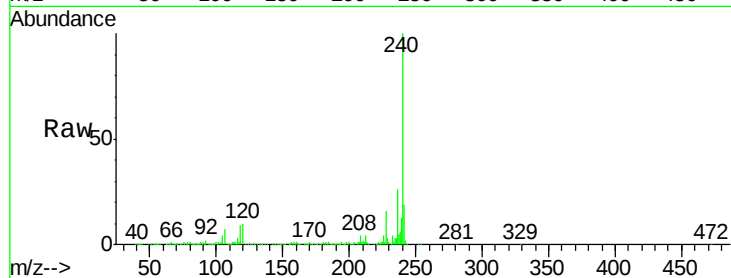




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.11 min Scan# 1034
Delta R.T. -0.05 min
Lab File: BF085367.D
Acq: 11 Mar 2016 9:50

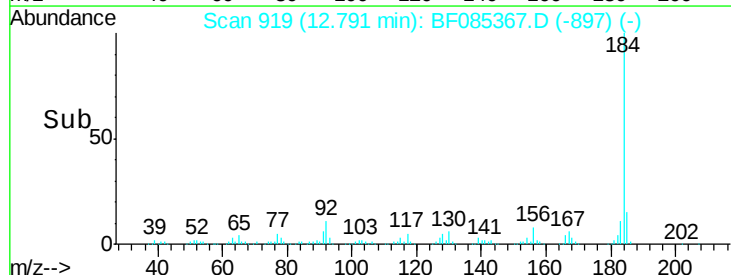
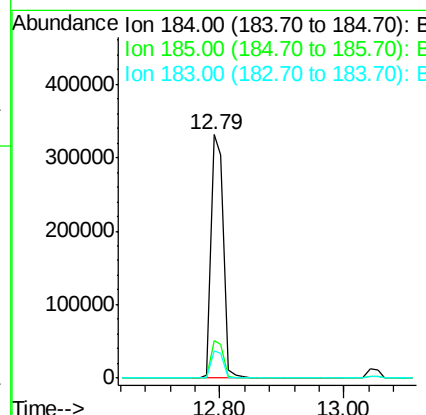
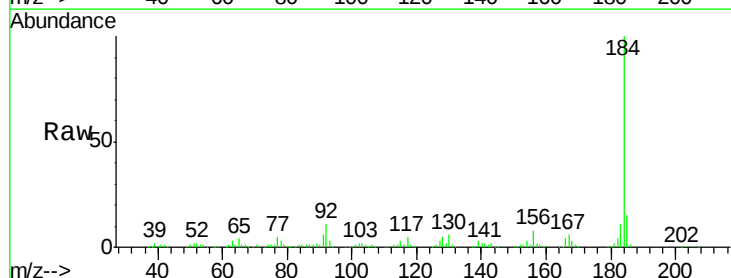
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

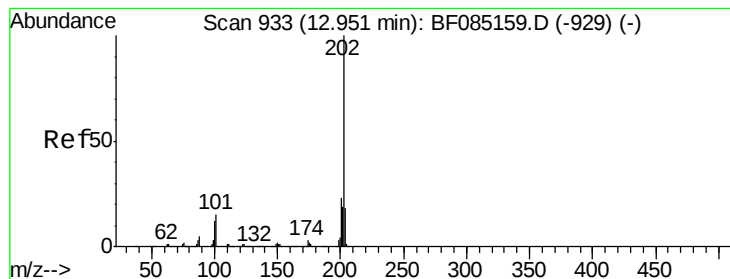
Tgt Ion:240 Resp: 335066
Ion Ratio Lower Upper
240 100
120 9.8 5.3 7.9#
236 26.2 20.7 31.1



#76
Benzidine
Concen: 45.68 ng
RT: 12.79 min Scan# 919
Delta R.T. -0.05 min
Lab File: BF085367.D
Acq: 11 Mar 2016 9:50

Tgt Ion:184 Resp: 455506
Ion Ratio Lower Upper
184 100
185 15.4 12.4 18.6
183 11.3 9.4 14.2





#77

Pyrene

Concen: 35.09 ng

RT: 12.91 min Scan# 929

Delta R.T. -0.05 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

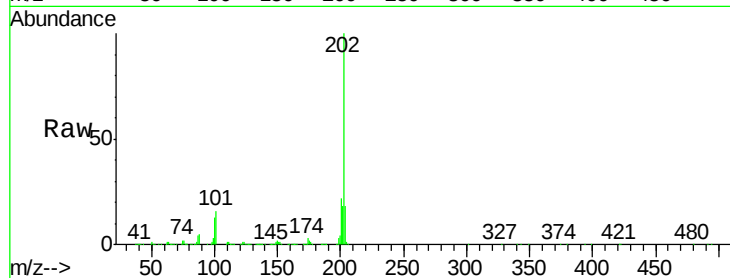
Tgt Ion:202 Resp: 884953

Ion Ratio Lower Upper

202 100

200 22.3 18.2 27.4

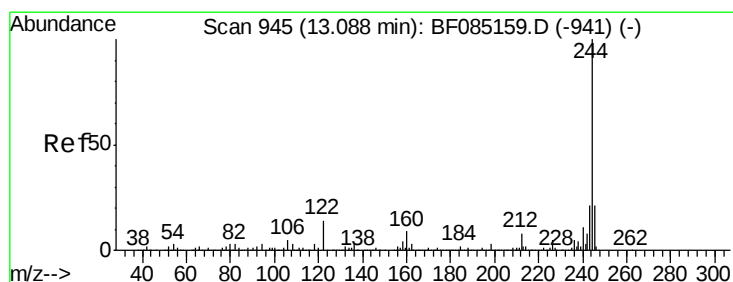
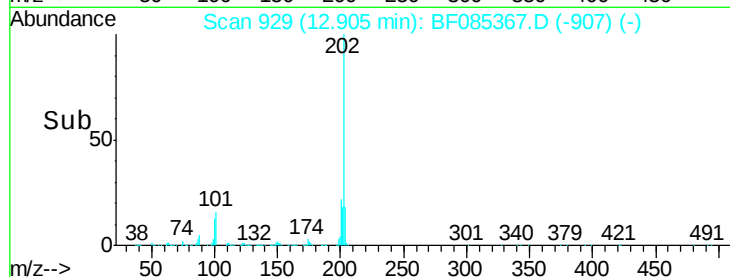
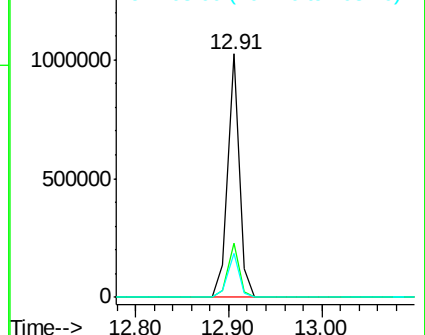
203 18.1 14.7 22.1



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: 76.87 ng

RT: 13.05 min Scan# 942

Delta R.T. -0.03 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

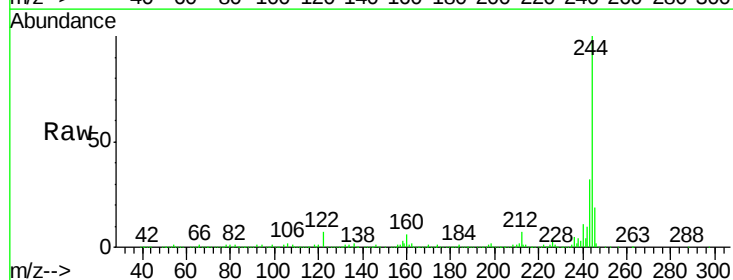
Tgt Ion:244 Resp: 1109499

Ion Ratio Lower Upper

244 100

212 6.8 6.4 9.6

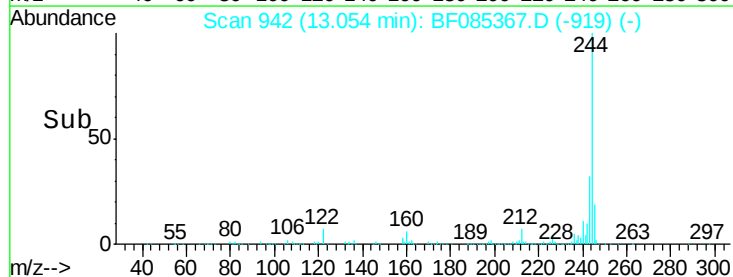
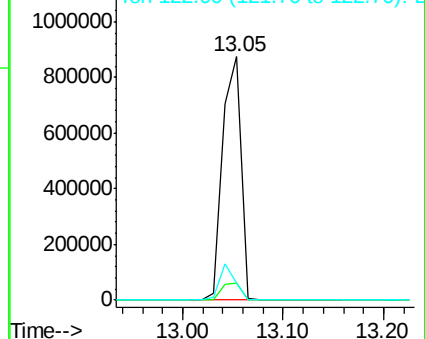
122 7.2 11.4 17.2#

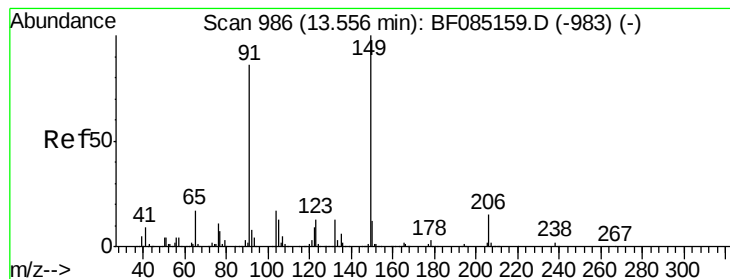


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 41.62 ng

RT: 13.52 min Scan# 983

Delta R.T. -0.03 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

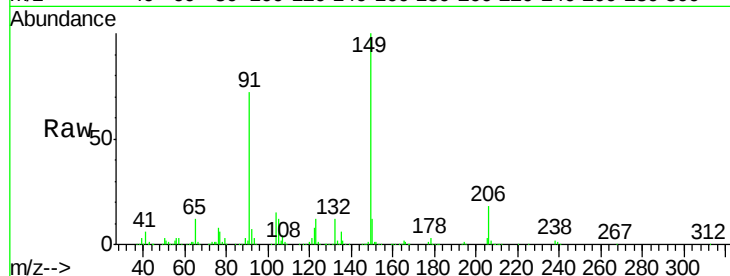
Tgt Ion:149 Resp: 476206

Ion Ratio Lower Upper

149 100

91 72.4 69.0 103.4

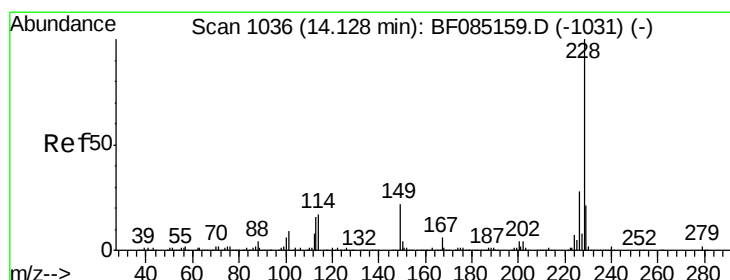
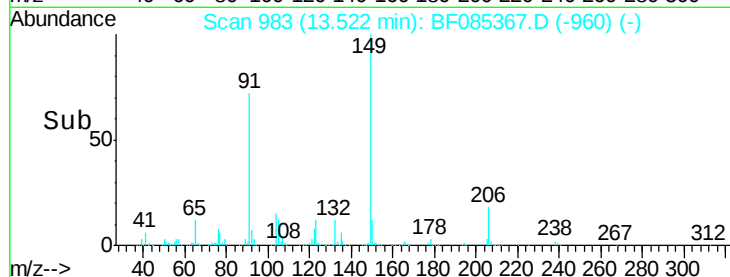
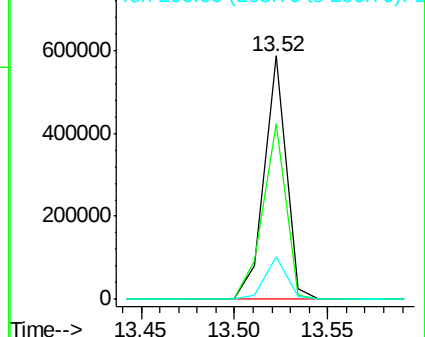
206 17.6 12.3 18.5



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: 40.10 ng

RT: 14.09 min Scan# 1033

Delta R.T. -0.03 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

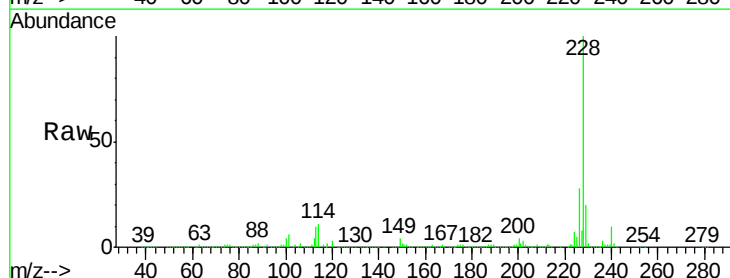
Tgt Ion:228 Resp: 804341

Ion Ratio Lower Upper

228 100

226 28.0 22.8 34.2

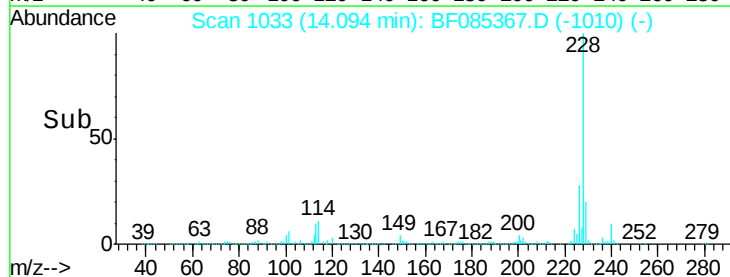
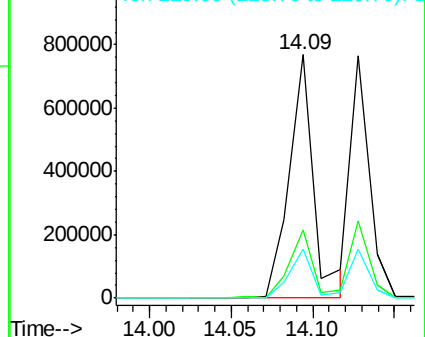
229 20.0 16.6 24.8

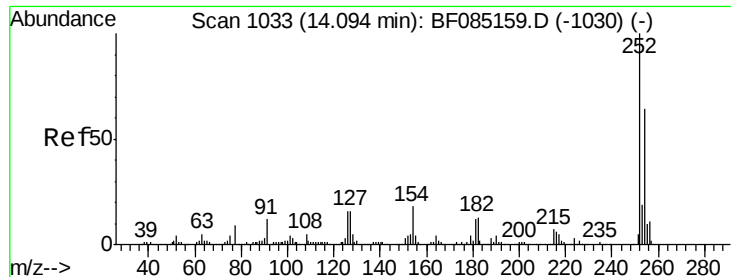


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

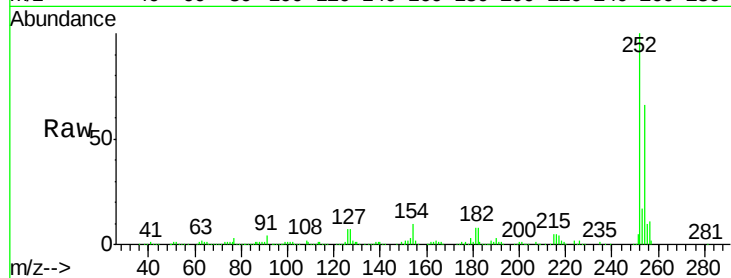




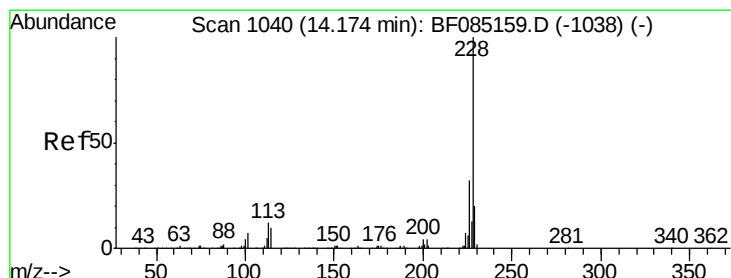
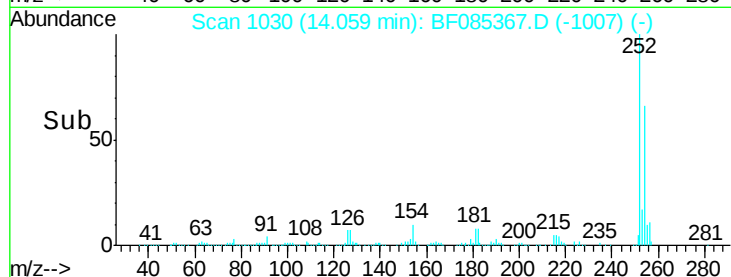
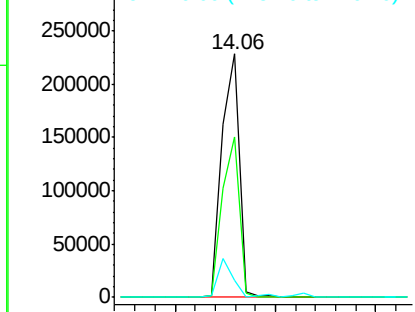
#81
 3,3'-Dichlorobenzidine
 Concen: 43.58 ng
 RT: 14.06 min Scan# 1030
 Delta R.T. -0.03 min
 Lab File: BF085367.D
 Acq: 11 Mar 2016 9:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion: 252 Resp: 275773
 Ion Ratio Lower Upper
 252 100
 254 66.0 51.4 77.0
 126 7.0 12.9 19.3#

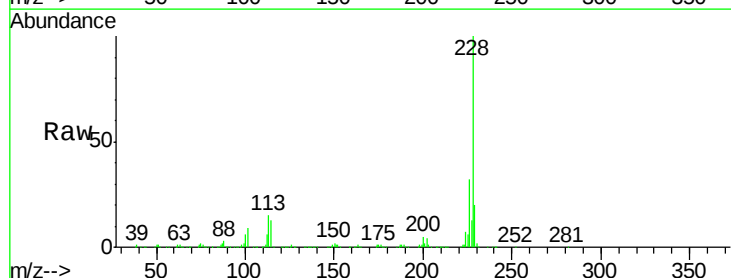


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

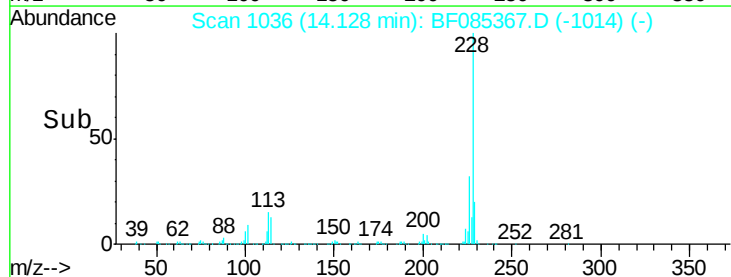
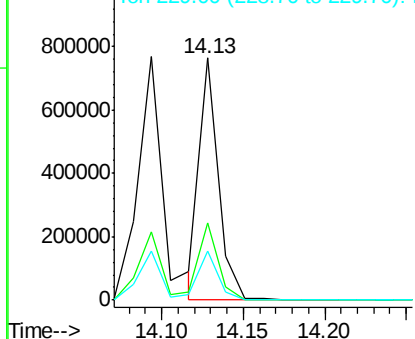


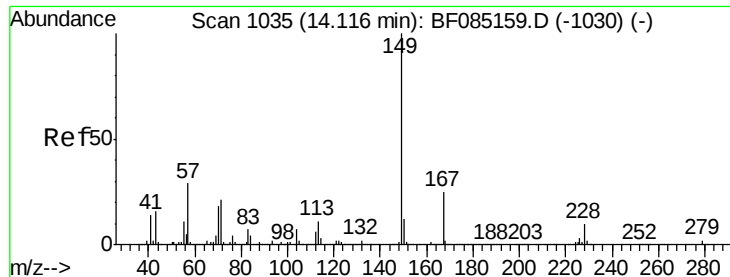
#82
 Chrysene
 Concen: 33.69 ng
 RT: 14.13 min Scan# 1036
 Delta R.T. -0.05 min
 Lab File: BF085367.D
 Acq: 11 Mar 2016 9:50

Tgt Ion: 228 Resp: 624331
 Ion Ratio Lower Upper
 228 100
 226 32.1 25.2 37.8
 229 20.2 16.0 24.0



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

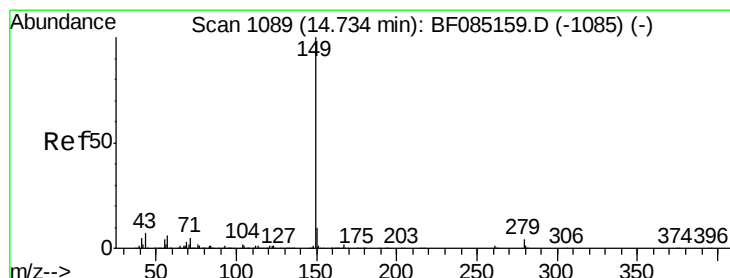
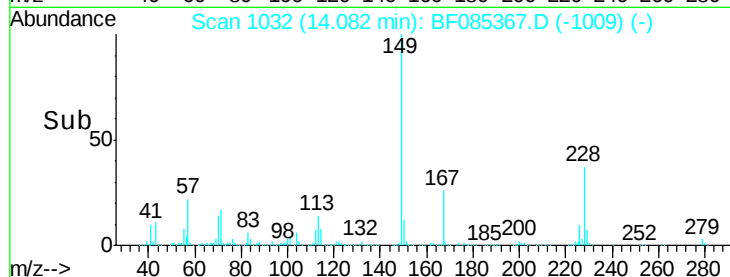
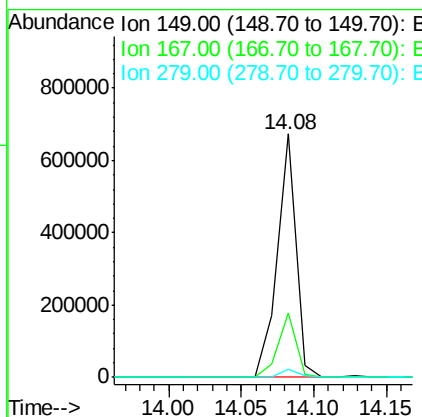
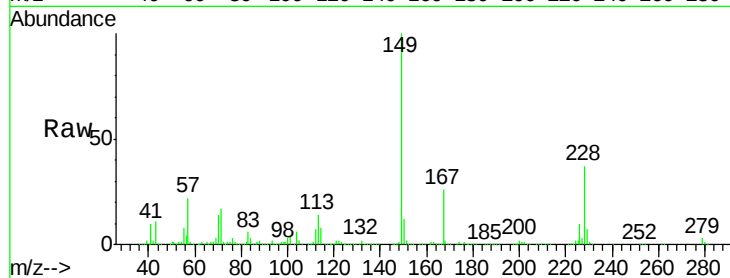




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.20 ng
 RT: 14.08 min Scan# 1032
 Delta R.T. -0.03 min
 Lab File: BF085367.D
 Acq: 11 Mar 2016 9:50

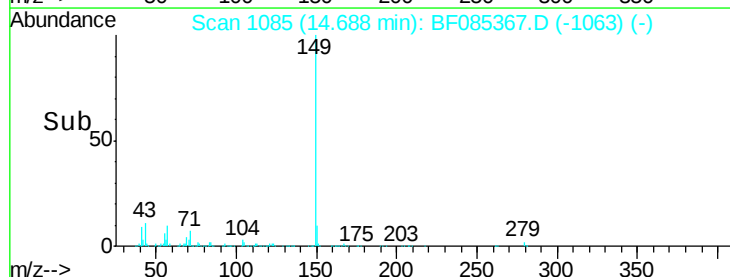
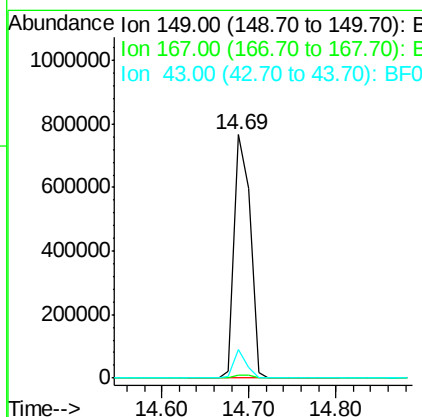
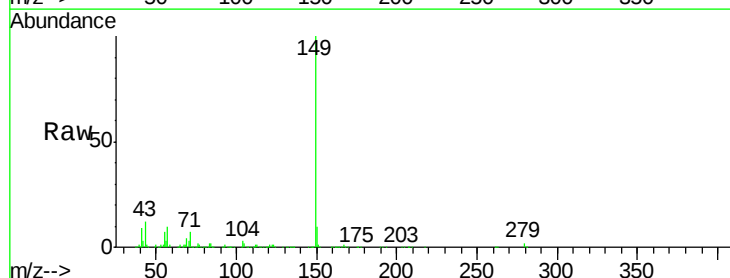
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

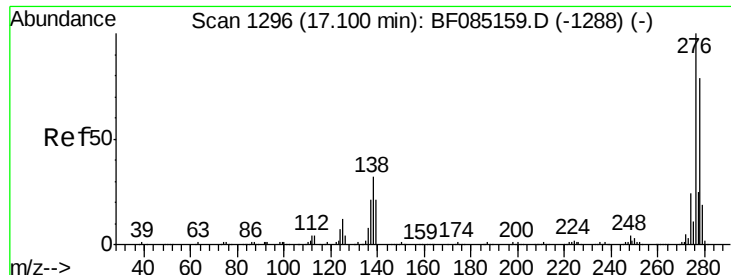
Tgt Ion:149 Resp: 605348
 Ion Ratio Lower Upper
 149 100
 167 26.2 20.3 30.5
 279 3.3 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 42.21 ng
 RT: 14.69 min Scan# 1085
 Delta R.T. -0.05 min
 Lab File: BF085367.D
 Acq: 11 Mar 2016 9:50

Tgt Ion:149 Resp: 968033
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.1 1.7
 43 9.3 7.8 11.8

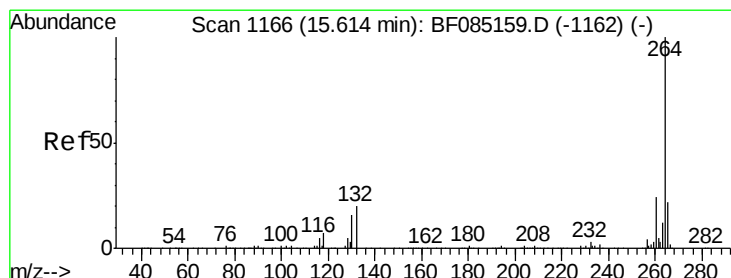
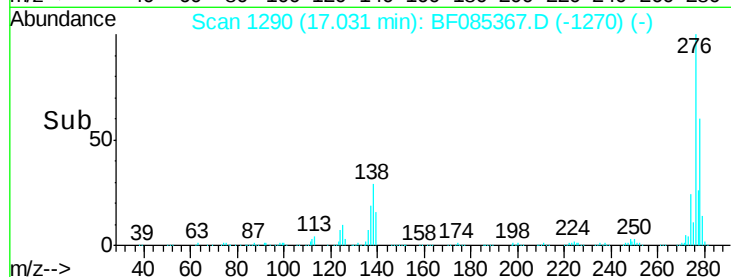
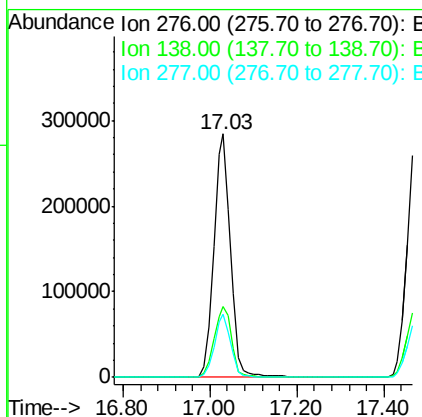
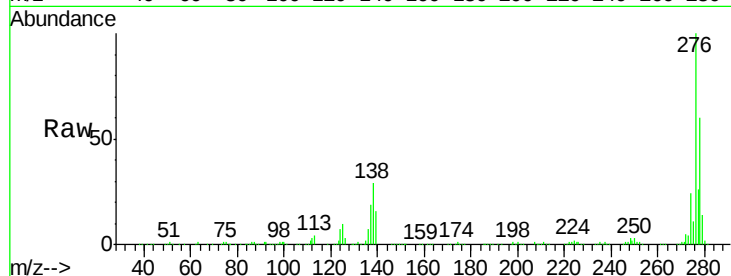




#85
Indeno(1,2,3-cd)pyrene
Concen: 53.37 ng
RT: 17.03 min Scan# 1290
Delta R.T. -0.07 min
Lab File: BF085367.D
Acq: 11 Mar 2016 9:50

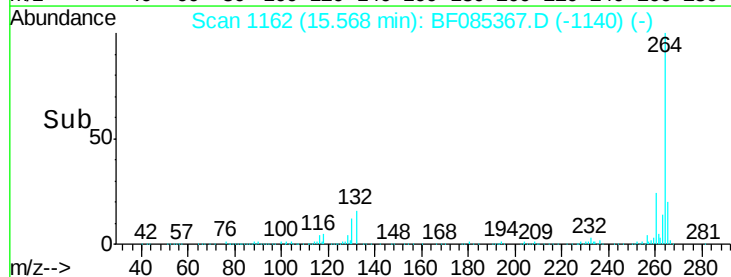
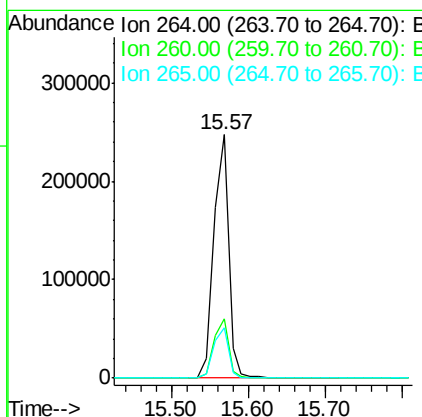
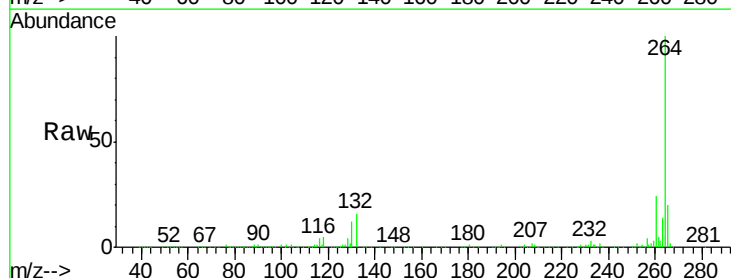
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

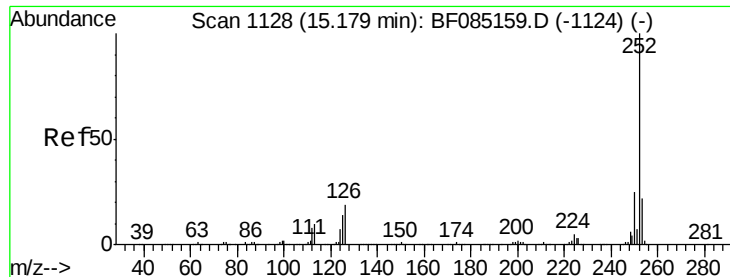
Tgt Ion: 276 Resp: 771767
Ion Ratio Lower Upper
276 100
138 30.7 26.4 39.6
277 25.3 20.2 30.2



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 1162
Delta R.T. -0.05 min
Lab File: BF085367.D
Acq: 11 Mar 2016 9:50

Tgt Ion: 264 Resp: 330934
Ion Ratio Lower Upper
264 100
260 24.5 19.2 28.8
265 20.4 17.3 25.9

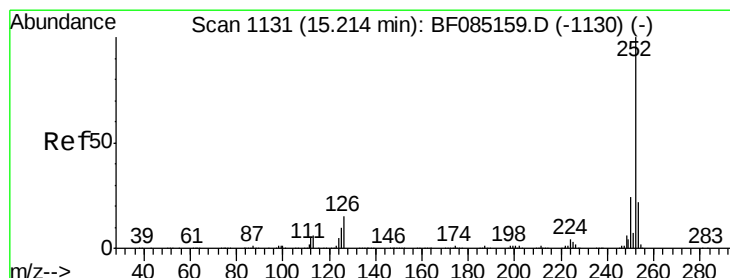
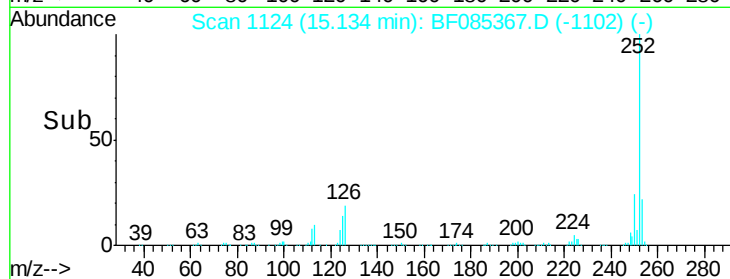
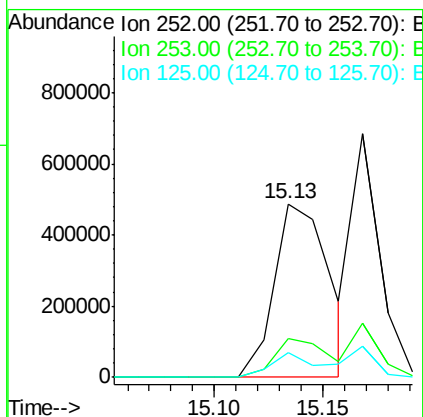
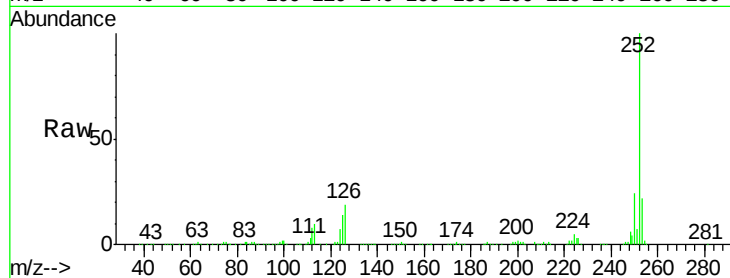




#87
Benzo(b)fluoranthene
Concen: 38.91 ng
RT: 15.13 min Scan# 1124
Delta R.T. -0.05 min
Lab File: BF085367.D
Acq: 11 Mar 2016 9:50

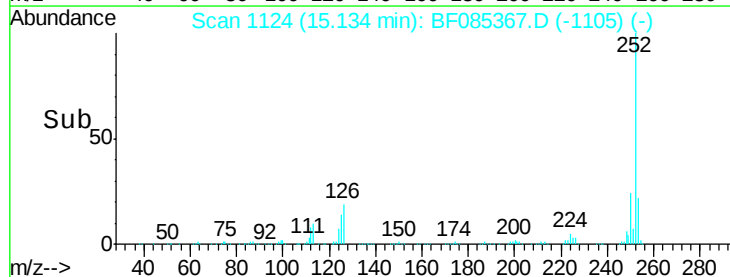
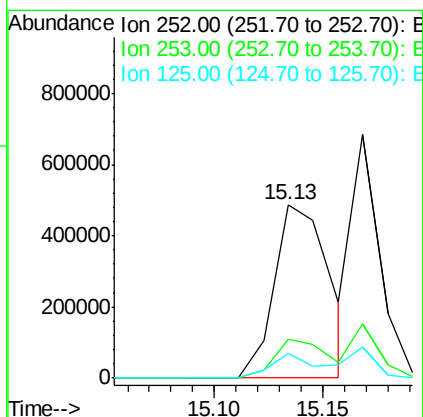
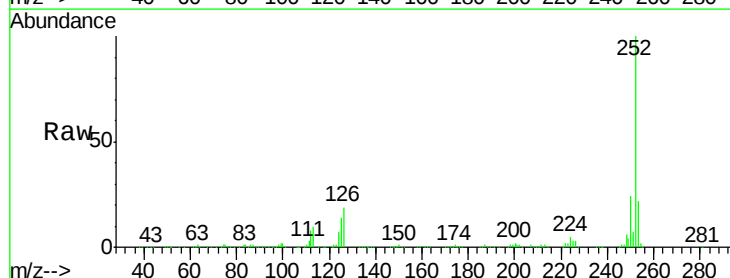
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

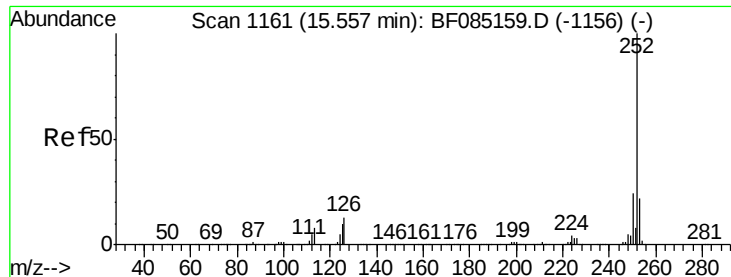
Tgt Ion: 252 Resp: 858196
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 14.3 11.3 16.9



#88
Benzo(k)fluoranthene
Concen: 48.23 ng
RT: 15.13 min Scan# 1124
Delta R.T. -0.08 min
Lab File: BF085367.D
Acq: 11 Mar 2016 9:50

Tgt Ion: 252 Resp: 858196
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 14.3 10.4 15.6





#89

Benzo(a)pyrene

Concen: 39.84 ng

RT: 15.50 min Scan# 1156

Delta R.T. -0.06 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

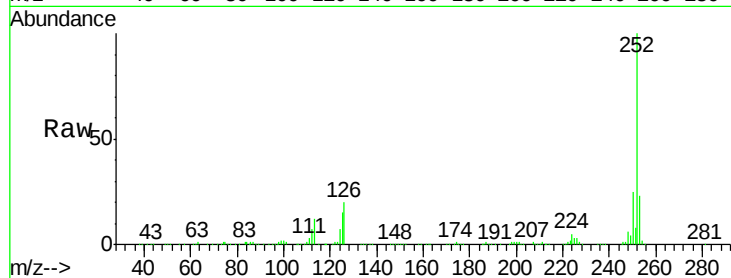
Tgt Ion: 252 Resp: 728247

Ion Ratio Lower Upper

252 100

253 22.7 17.4 26.0

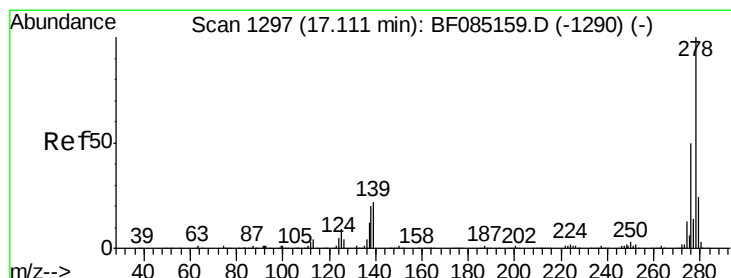
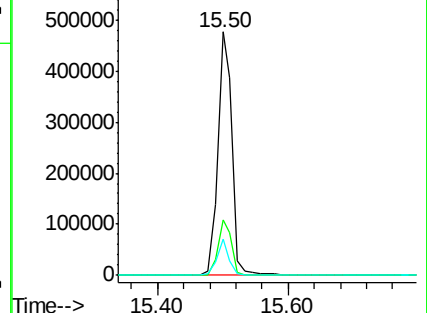
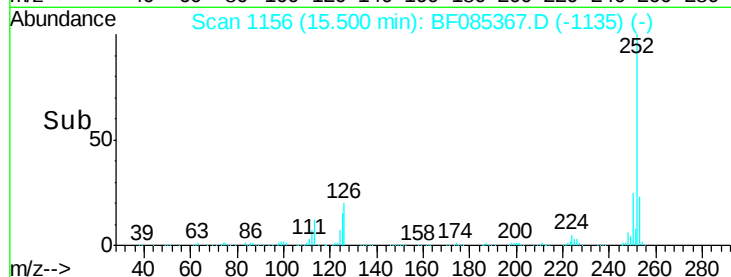
125 15.1 8.2 12.4#



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: 42.26 ng

RT: 17.04 min Scan# 1291

Delta R.T. -0.07 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

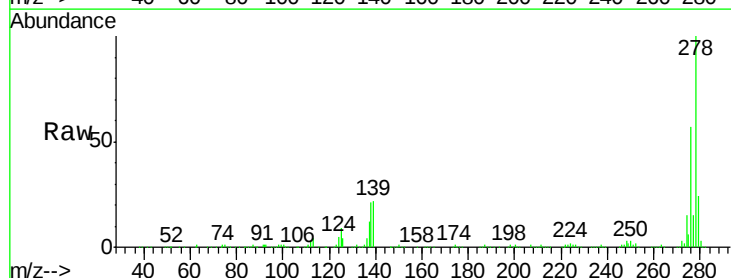
Tgt Ion: 278 Resp: 659342

Ion Ratio Lower Upper

278 100

139 21.5 17.3 25.9

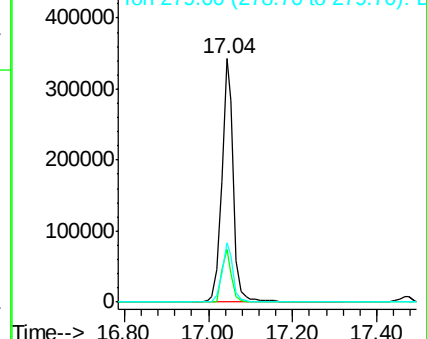
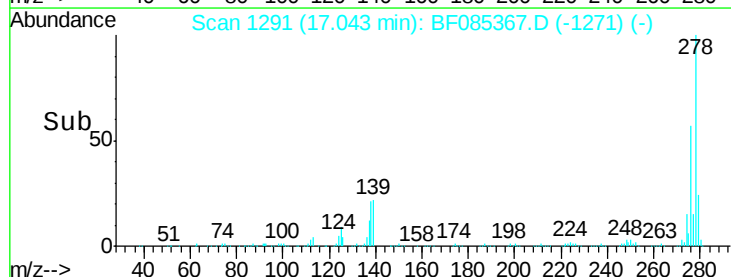
279 24.4 19.2 28.8

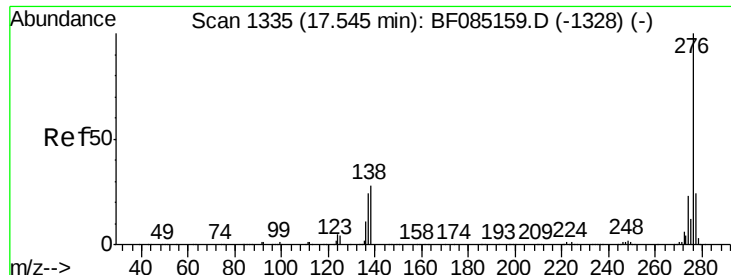


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 38.74 ng

RT: 17.48 min Scan# 1329

Delta R.T. -0.07 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

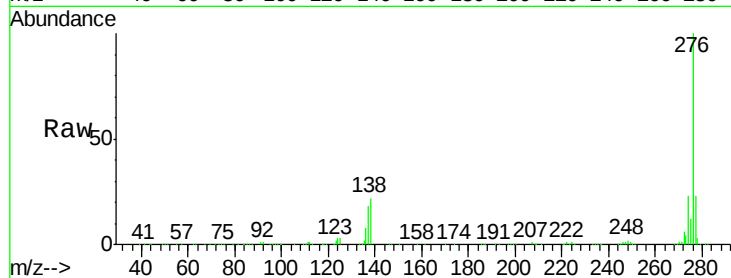
Tgt Ion: 276 Resp: 607812

Ion Ratio Lower Upper

276 100

277 23.0 19.0 28.4

138 21.6 22.5 33.7#



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

