

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
 Data File : BF087183.D
 Acq On : 19 May 2016 11:04
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: May 19 12:45:08 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 16:55:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	128698	20.00	ng	-0.02
21) Naphthalene-d8	7.87	136	537543	20.00	ng	-0.02
38) Acenaphthene-d10	9.61	164	241820	20.00	ng	-0.03
63) Phenanthrene-d10	11.09	188	416805	20.00	ng	-0.03
75) Chrysene-d12	13.71	240	263363	20.00	ng	-0.05
86) Perylene-d12	15.06	264	298791	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	622956	81.36	ng	-0.03
7) Phenol-d6	6.25	99	751072	73.14	ng	-0.03
23) Nitrobenzene-d5	7.15	82	821405	76.16	ng	-0.03
41) 2,4,6-Tribromophenol	10.41	330	191145	71.53	ng	-0.03
44) 2-Fluorobiphenyl	8.95	172	1189687	81.48	ng	-0.03
78) Terphenyl-d14	12.67	244	1016541	87.31	ng	-0.03

Target Compounds						Qvalue
2) 1,4-Dioxane	1.99	88	155608	39.51	ng	# 76
3) Pyridine	2.63	79	356903	37.46	ng	# 66
4) n-Nitrosodimethylamine	2.58	42	251591	37.26	ng	# 47
6) Aniline	6.25	93	505510	38.75	ng	# 88
8) 2-Chlorophenol	6.36	128	367314	39.43	ng	82
9) Benzaldehyde	6.12	77	200386	35.11	ng	98
10) Phenol	6.26	94	518808	40.19	ng	77
11) bis(2-Chloroethyl)ether	6.33	93	375328	38.72	ng	95
12) 1,3-Dichlorobenzene	6.75	146	348059	35.15	ng	99
13) 1,4-Dichlorobenzene	6.75	146	351135	34.65	ng	98
14) 1,2-Dichlorobenzene	6.75	146	355432	40.07	ng	97
15) Benzyl Alcohol	6.74	79	302697	39.59	ng	# 85
16) 2,2'-oxybis(1-Chloropropan	6.87	45	763913	38.34	ng	66
17) 2-Methylphenol	6.87	107	277084	36.22	ng	# 74
18) Hexachloroethane	7.08	117	146333	37.78	ng	99
19) n-Nitroso-di-n-propylamine	7.02	70	310237	39.74	ng	# 74
20) 3+4-Methylphenols	7.03	107	393963	39.04	ng	# 61
22) Acetophenone	7.00	105	529385	40.24	ng	# 98
24) Nitrobenzene	7.18	77	454166	38.56	ng	97
25) Isophorone	7.42	82	731337	37.04	ng	99
26) 2-Nitrophenol	7.50	139	196312	40.24	ng	# 91
27) 2,4-Dimethylphenol	7.55	122	331953	39.87	ng	90
28) bis(2-Chloroethoxy)methane	7.63	93	406400	37.49	ng	# 98
29) 2,4-Dichlorophenol	7.75	162	281366	38.35	ng	97
30) 1,2,4-Trichlorobenzene	7.82	180	322691	39.64	ng	100
31) Naphthalene	7.88	128	973588	37.07	ng	99
32) Benzoic acid	7.71	122	161004	32.44	ng	# 77
33) 4-Chloroaniline	7.95	127	408186	37.39	ng	# 89
34) Hexachlorobutadiene	8.01	225	193189	41.82	ng	99
35) Caprolactam	8.34	113	87930	35.99	ng	# 47
36) 4-Chloro-3-methylphenol	8.46	107	330753	37.38	ng	87
37) 2-Methylnaphthalene	8.58	142	667318	39.72	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	287218	40.67	ng	99
40) Hexachlorocyclopentadiene	8.73	237	31692	18.33	ng	94

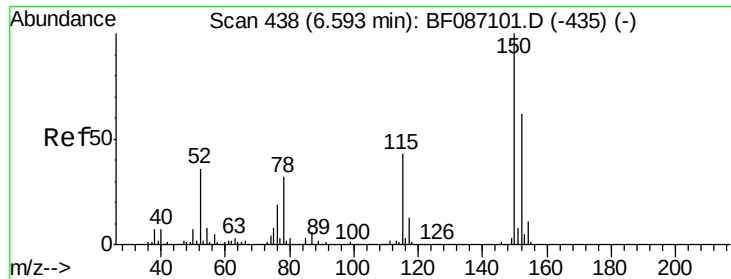
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
 Data File : BF087183.D
 Acq On : 19 May 2016 11:04
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: May 19 12:45:08 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 16:55:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	182338	39.81	nq	96
43) 2,4,5-Trichlorophenol	8.92	196	184545	38.78	nq	96
45) 1,1'-Biphenyl	9.05	154	883758	44.08	nq	100
46) 2-Chloronaphthalene	9.07	162	609705	39.61	nq	97
47) 2-Nitroaniline	9.18	65	225058	38.15	nq	# 71
48) Acenaphthylene	9.47	152	890834	37.90	nq	99
49) Dimethylphthalate	9.36	163	766512	41.55	nq	100
50) 2,6-Dinitrotoluene	9.43	165	168489	42.06	nq	# 69
51) Acenaphthene	9.64	154	550586	37.49	nq	99
52) 3-Nitroaniline	9.60	138	173300	39.97	nq	87
53) 2,4-Dinitrophenol	9.71	184	34605	18.92	nq	89
54) Dibenzofuran	9.82	168	713854	37.59	nq	91
55) 4-Nitrophenol	9.82	139	392072	102.23	nq	# 20
56) 2,4-Dinitrotoluene	9.83	165	206724	40.30	nq	93
57) Fluorene	10.16	166	566087	37.10	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.95	232	142920	38.56	nq	97
59) Diethylphthalate	10.06	149	728573	41.37	nq	95
60) 4-Chlorophenyl-phenylether	10.16	204	315426	43.62	nq	90
61) 4-Nitroaniline	10.20	138	155738	36.38	nq	# 71
62) Azobenzene	10.32	77	825911	40.70	nq	88
64) 4,6-Dinitro-2-methylphenol	10.24	198	70773	25.78	nq	88
65) n-Nitrosodiphenylamine	10.28	169	582950	44.44	nq	99
66) 4-Bromophenyl-phenylether	10.64	248	175576	40.96	nq	93
67) Hexachlorobenzene	10.71	284	212070	42.67	nq	# 90
68) Atrazine	10.81	200	147770	34.54	nq	94
69) Pentachlorophenol	10.91	266	67008	35.89	nq	96
70) Phenanthrene	11.12	178	854014	37.78	nq	99
71) Anthracene	11.17	178	887552	38.82	nq	100
72) Carbazole	11.34	167	753083	36.06	nq	98
73) Di-n-butylphthalate	11.67	149	1141546	47.58	nq	99
74) Fluoranthene	12.30	202	796791	35.18	nq	93
76) Benzidine	12.43	184	287460	38.14	nq	97
77) Pyrene	12.51	202	746260	39.22	nq	99
79) Butylbenzylphthalate	13.15	149	361394	45.00	nq	94
80) Benzo(a)anthracene	13.70	228	584642	38.39	nq	98
81) 3,3'-Dichlorobenzidine	13.68	252	473861	48.90	nq	# 97
82) Chrysene	13.74	228	596204	40.47	nq	99
83) Bis(2-ethylhexyl)phthalate	13.71	149	489717	50.10	nq	99
84) Di-n-octyl phthalate	14.32	149	805270	47.82	nq	# 84
85) Indeno(1,2,3-cd)pyrene	16.30	276	638787	49.40	nq	94
87) Benzo(b)fluoranthene	14.73	252	1310361	66.11	nq	# 96
88) Benzo(k)fluoranthene	14.73	252	1310361	88.80	nq	98
89) Benzo(a)pyrene	15.02	252	647686	39.09	nq	99
90) Dibenzo(a,h)anthracene	16.31	278	544146	39.01	nq	# 93
91) Benzo(g,h,i)perylene	16.66	276	498775	35.40	nq	# 92

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

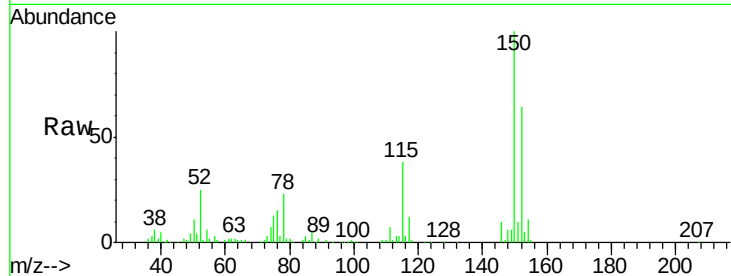


#1

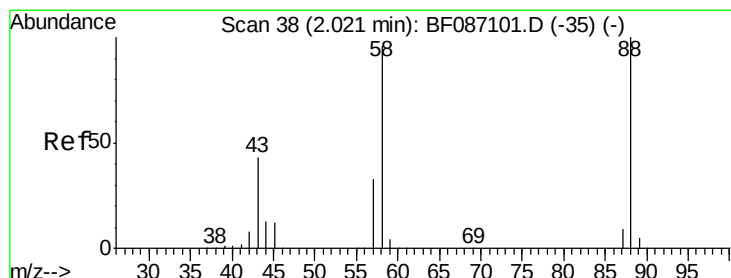
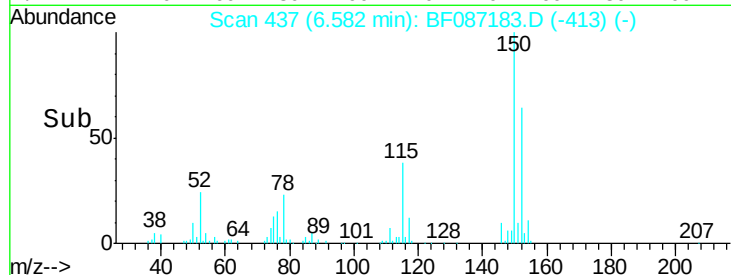
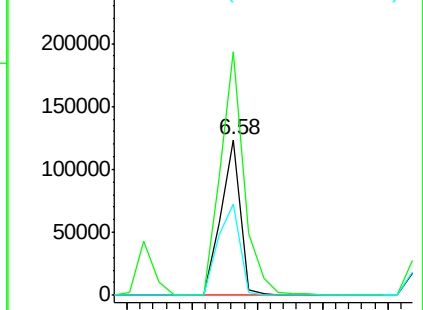
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF087183.D
Acq: 19 May 2016 11:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	125.8	188.6
115	59.1	51.5	77.3



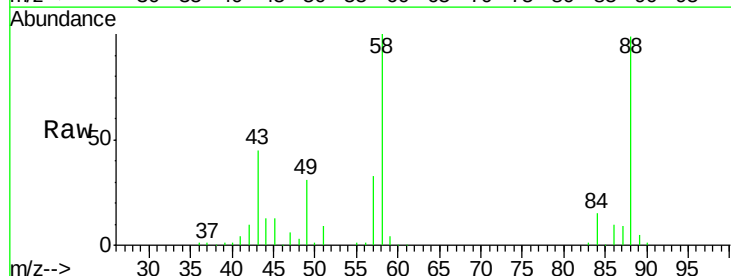
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



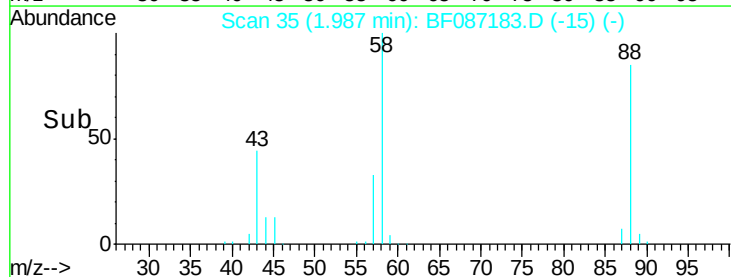
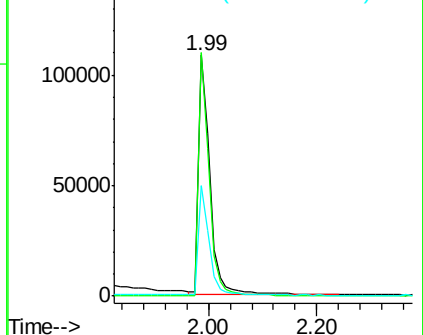
#2

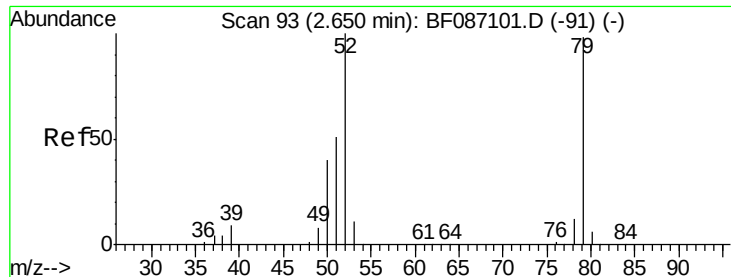
1,4-Dioxane
Concen: 39.51 ng
RT: 1.99 min Scan# 35
Delta R.T. -0.07 min
Lab File: BF087183.D
Acq: 19 May 2016 11:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	93.8	59.6	89.4#
43	41.7	21.8	32.6#



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

Pvridine

Concen: 37.46 ng

RT: 2.63 min Scan# 91

Delta R.T. -0.06 min

Lab File: BF087183.D

Acq: 19 May 2016 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

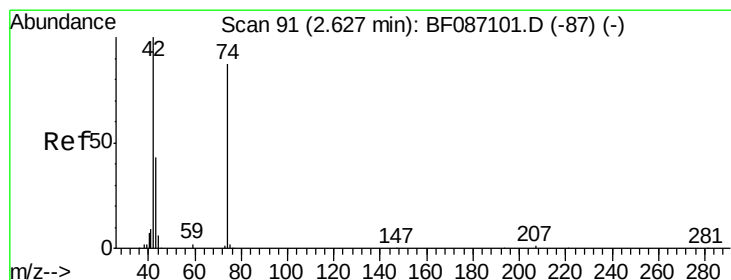
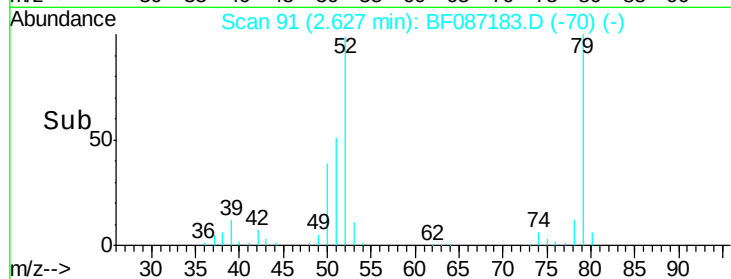
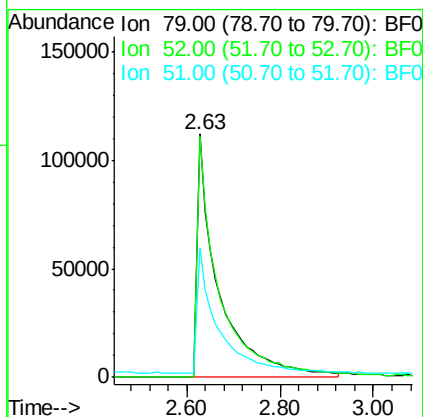
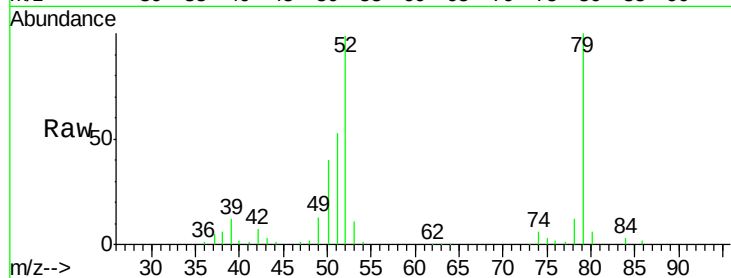
Tot Ion: 79 Resp: 356903

Ion Ratio Lower Upper

79 100

52 99.3 55.9 83.9#

51 53.1 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 37.26 ng

RT: 2.58 min Scan# 87

Delta R.T. -0.08 min

Lab File: BF087183.D

Acq: 19 May 2016 11:04

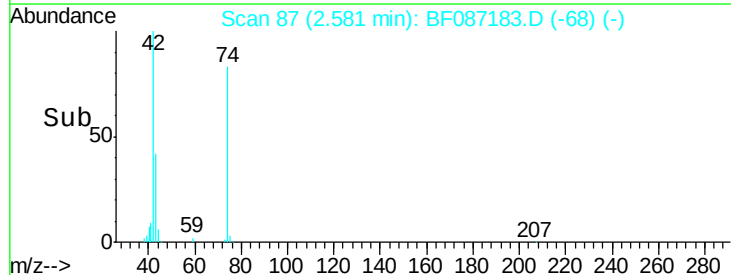
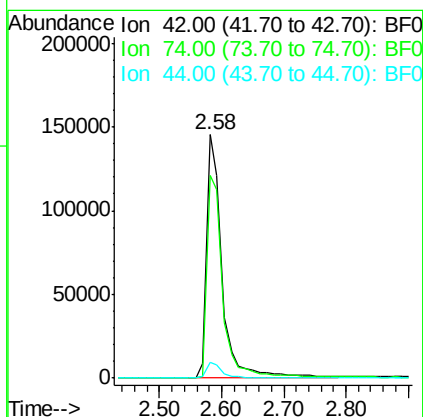
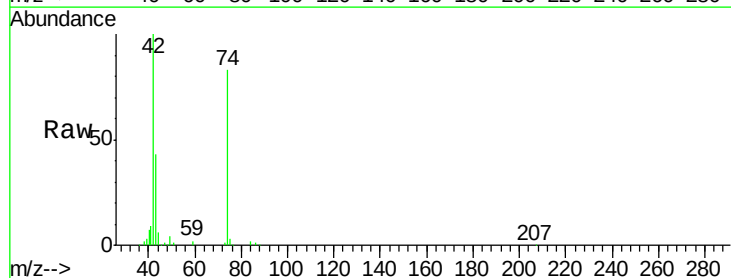
Tgt Ion: 42 Resp: 251591

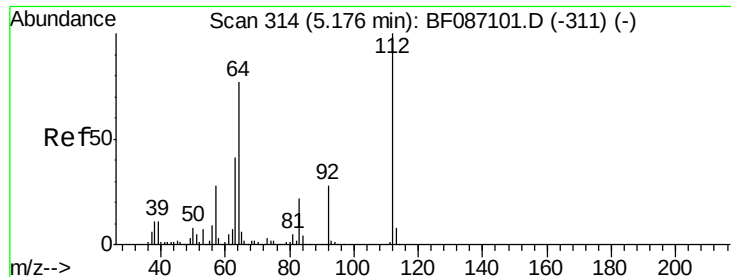
Ion Ratio Lower Upper

42 100

74 83.4 123.4 185.0#

44 6.4 5.8 8.6





#5

2-Fluorophenol

Concen: 81.36 ng

RT: 5.16 min Scan# 313

Delta R.T. -0.03 min

Lab File: BF087183.D

Acq: 19 May 2016 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

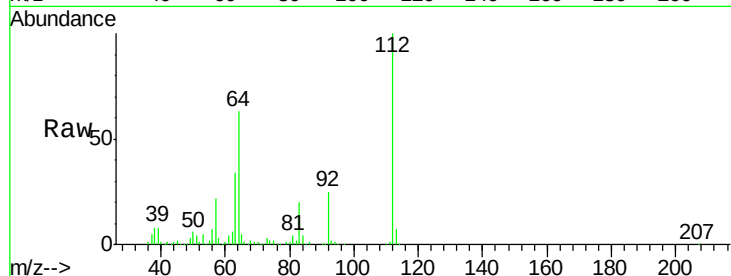
Tot Ion:112 Resp: 622956

Ion Ratio Lower Upper

112 100

64 62.7 52.1 78.1

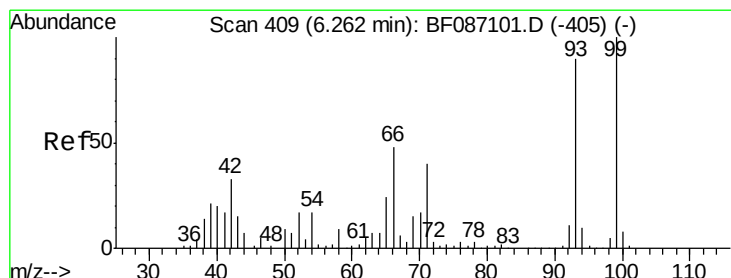
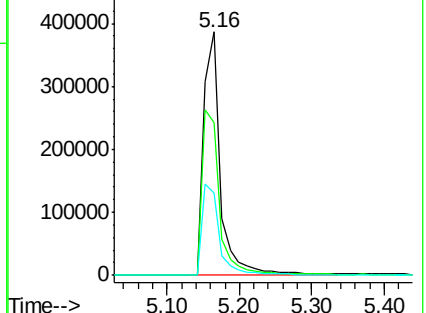
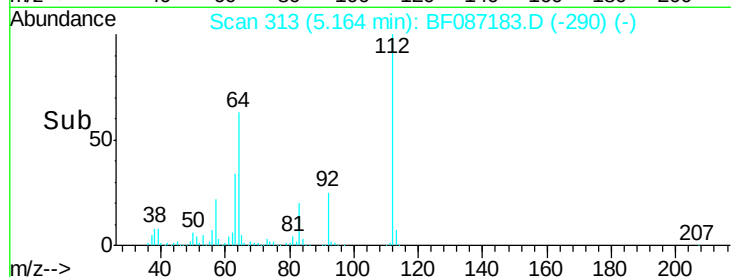
63 33.9 25.7 38.5



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: 38.75 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.02 min

Lab File: BF087183.D

Acq: 19 May 2016 11:04

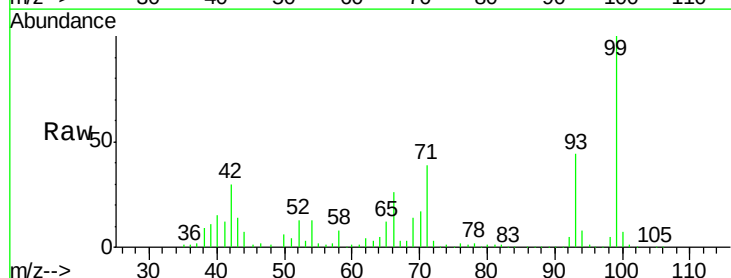
Tgt Ion: 93 Resp: 505510

Ion Ratio Lower Upper

93 100

66 60.3 39.0 58.6#

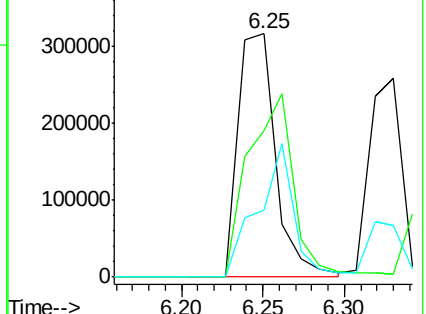
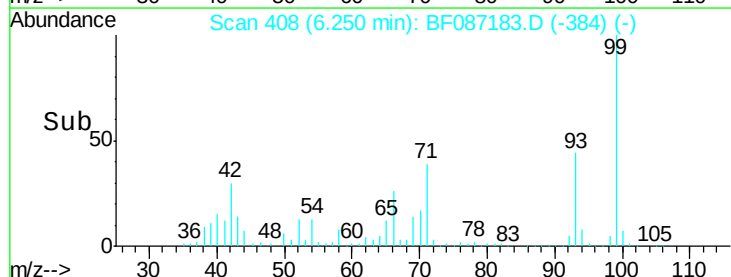
65 27.6 20.6 31.0

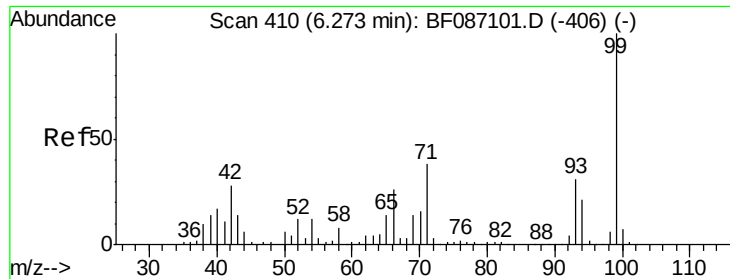


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 73.14 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.03 min

Lab File: BF087183.D

Acq: 19 May 2016 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

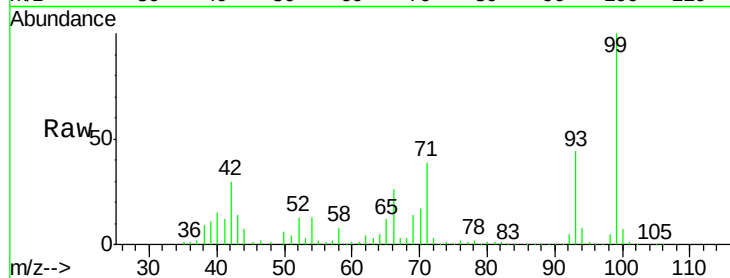
Tot Ion: 99 Resp: 751072

Ion Ratio Lower Upper

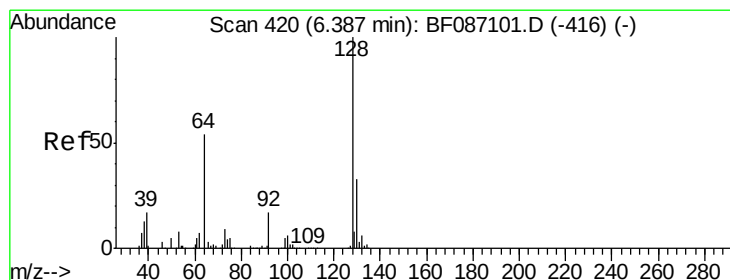
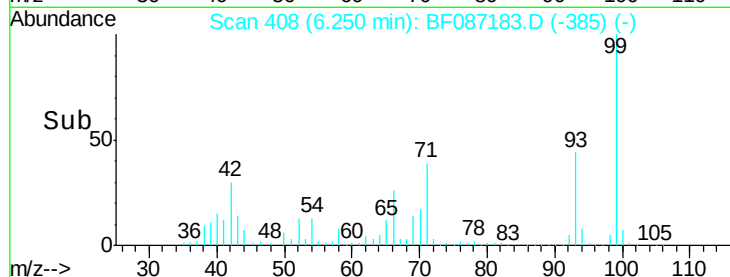
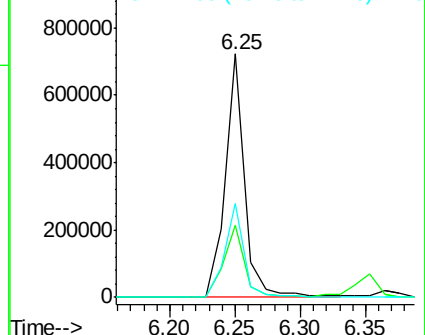
99 100

42 29.5 13.6 20.4#

71 38.8 24.6 36.8#



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.43 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.03 min

Lab File: BF087183.D

Acq: 19 May 2016 11:04

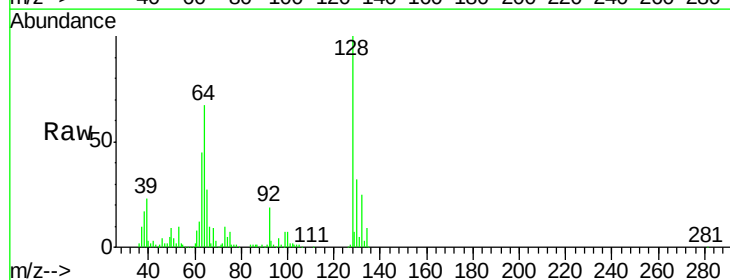
Tgt Ion: 128 Resp: 367314

Ion Ratio Lower Upper

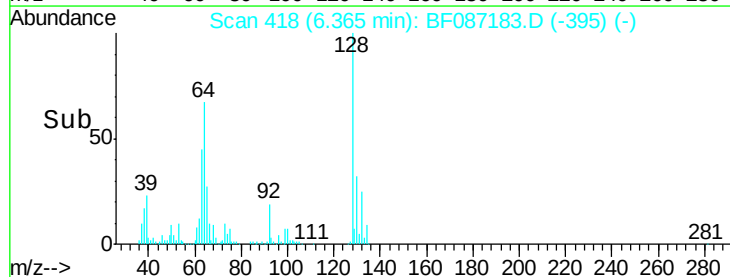
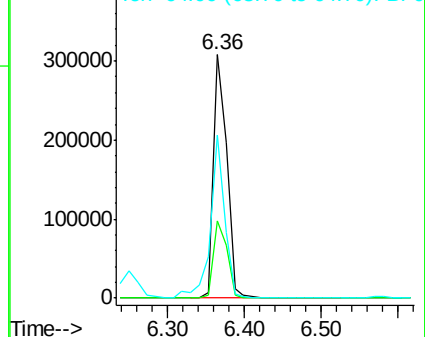
128 100

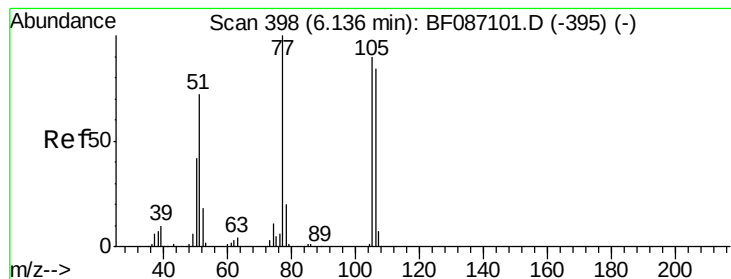
130 32.0 12.5 52.5

64 67.1 27.3 67.3



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: 35.11 ng

RT: 6.12 min Scan# 397

Delta R.T. -0.02 min

Lab File: BF087183.D

Acq: 19 May 2016 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

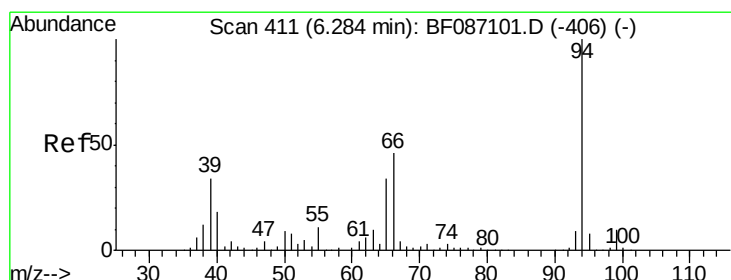
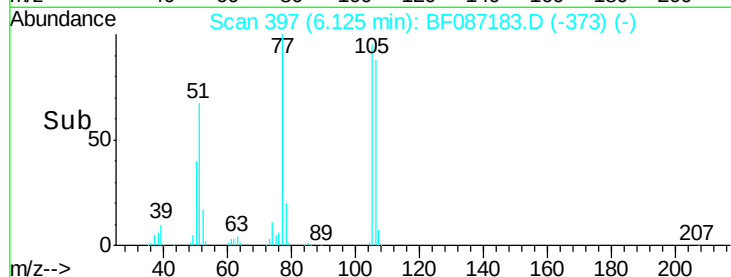
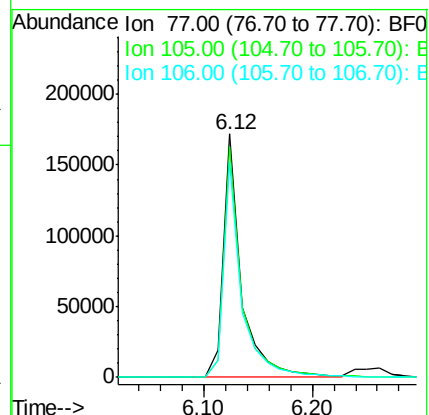
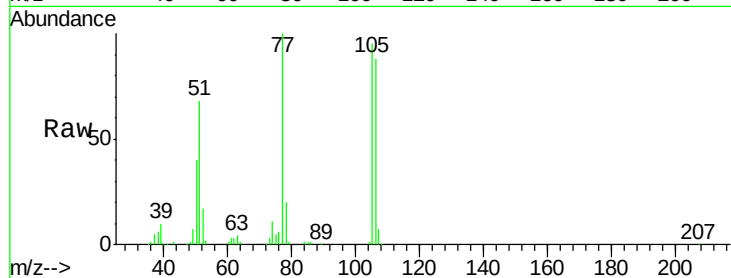
Tot Ion: 77 Resp: 200386

Ion Ratio Lower Upper

77 100

105 94.6 72.7 112.7

106 88.4 70.8 110.8



#10

Phenol

Concen: 40.19 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.03 min

Lab File: BF087183.D

Acq: 19 May 2016 11:04

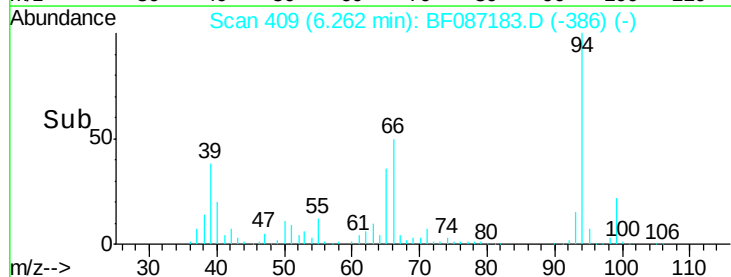
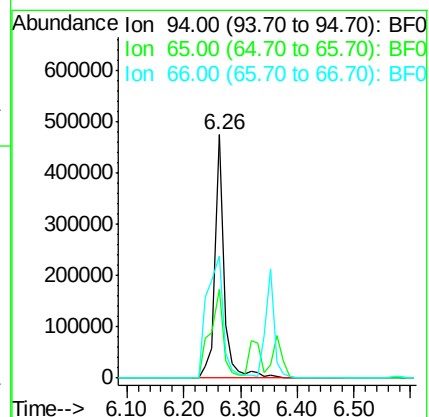
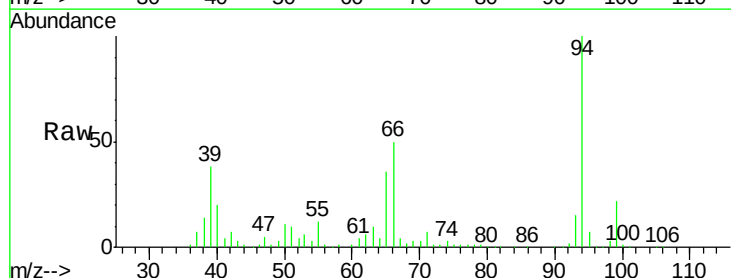
Tgt Ion: 94 Resp: 518808

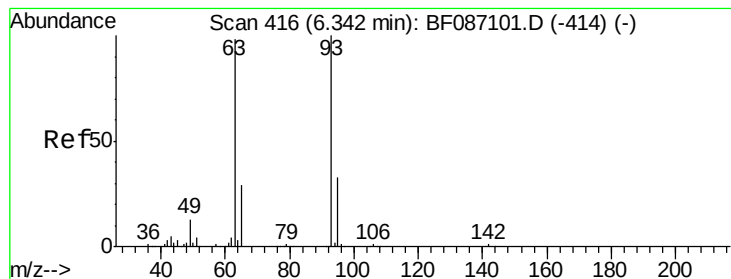
Ion Ratio Lower Upper

94 100

65 36.5 7.2 47.2

66 50.2 14.9 54.9





#11

bis(2-Chloroethyl)ether

Concen: 38.72 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF087183.D

Acq: 19 May 2016 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

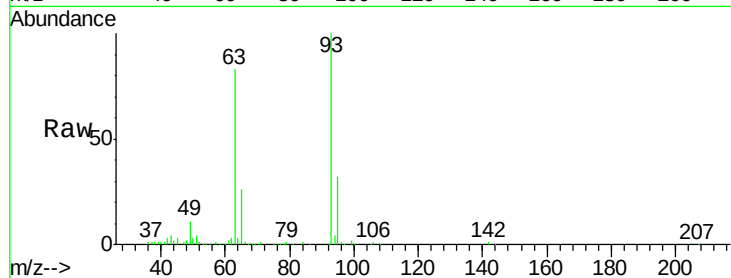
Tot Ion: 93 Resp: 375328

Ion Ratio Lower Upper

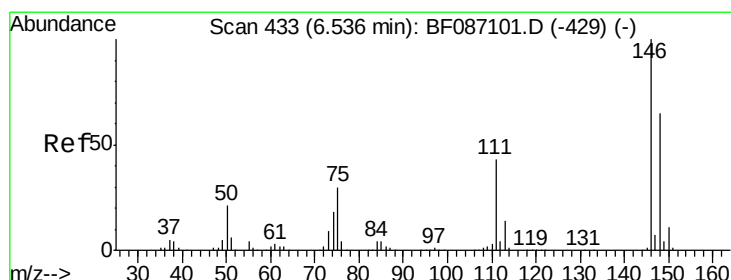
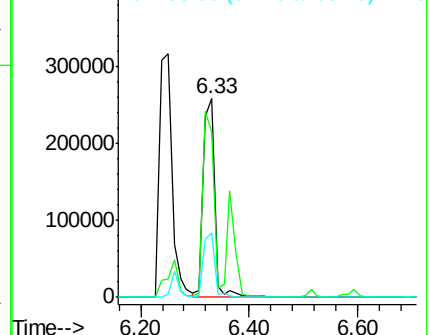
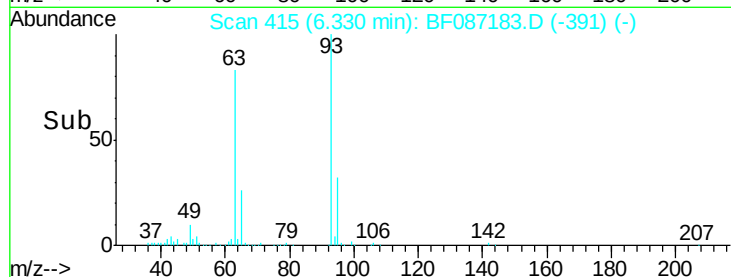
93 100

63 83.3 58.0 98.0

95 32.3 11.9 51.9



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 35.15 ng

RT: 6.75 min Scan# 452

Delta R.T. 0.21 min

Lab File: BF087183.D

Acq: 19 May 2016 11:04

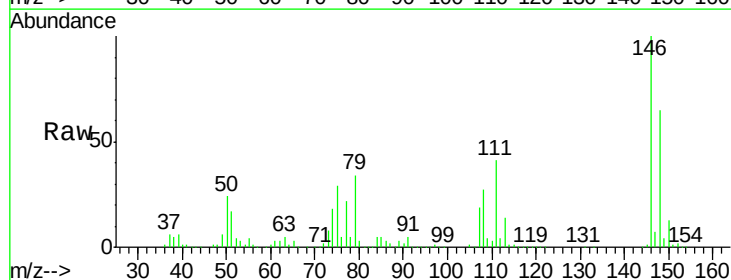
Tgt Ion: 146 Resp: 348059

Ion Ratio Lower Upper

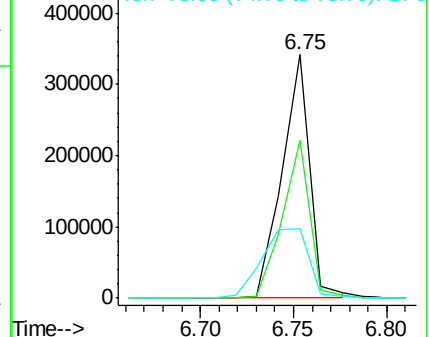
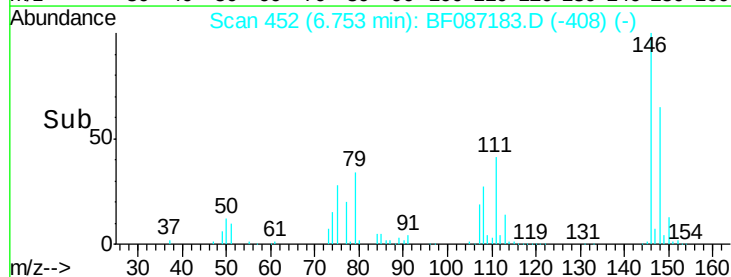
146 100

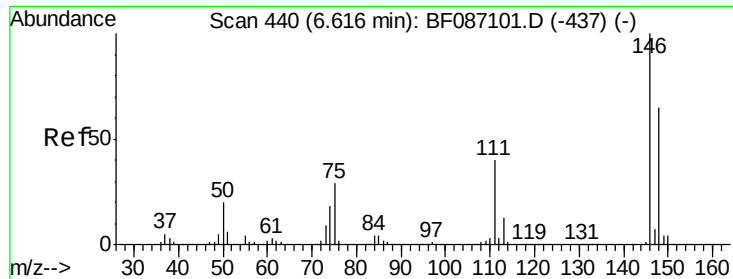
148 64.9 52.4 78.6

75 28.6 22.8 34.2



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

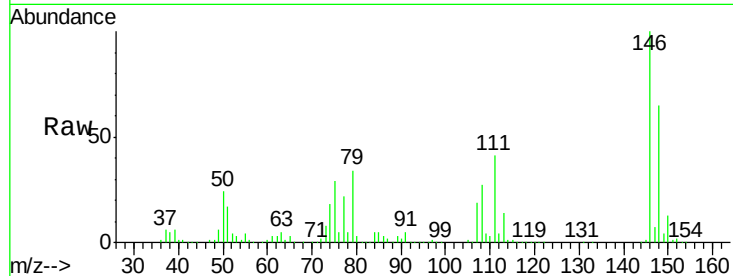




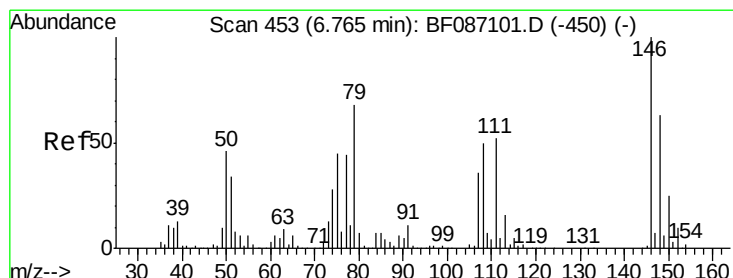
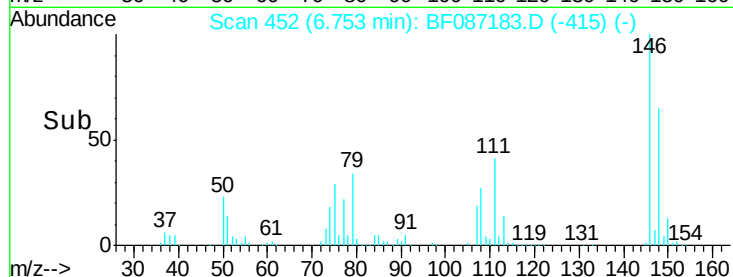
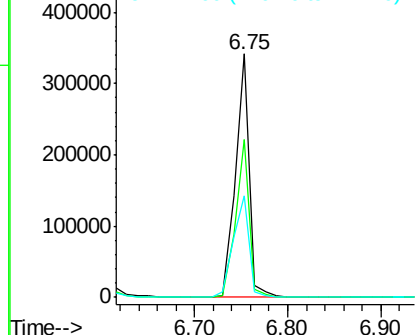
#13
 1,4-Dichlorobenzene
 Concen: 34.65 ng
 RT: 6.75 min Scan# 452
 Delta R.T. 0.13 min
 Lab File: BF087183.D
 Acq: 19 May 2016 11:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:146 Resp: 351135
 Ion Ratio Lower Upper
 146 100
 148 64.9 52.2 78.4
 111 41.5 30.7 46.1

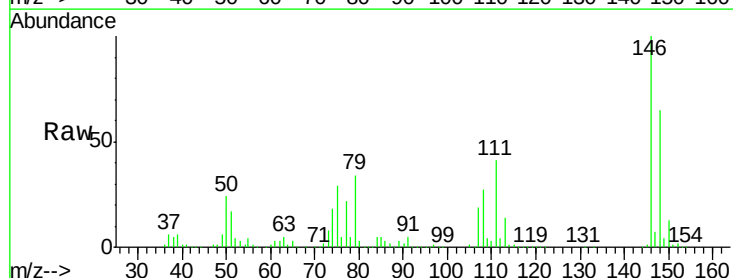


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

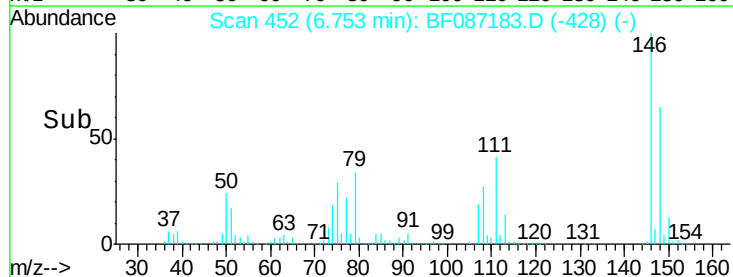
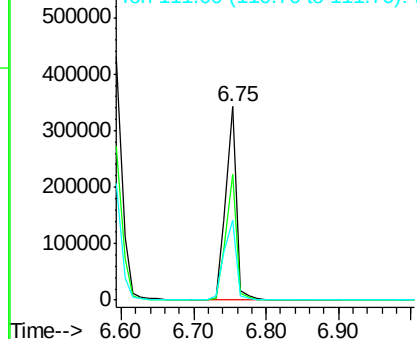


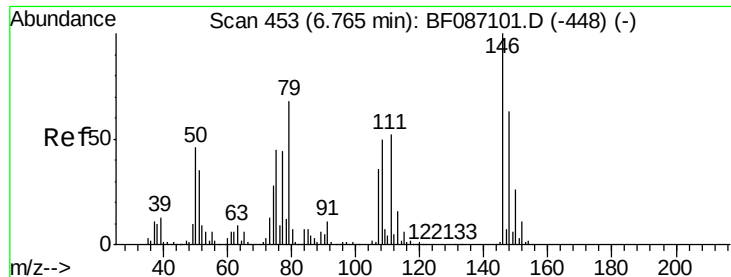
#14
 1,2-Dichlorobenzene
 Concen: 40.07 ng
 RT: 6.75 min Scan# 452
 Delta R.T. -0.02 min
 Lab File: BF087183.D
 Acq: 19 May 2016 11:04

Tgt Ion:146 Resp: 355432
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.0 76.6
 111 41.5 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.59 ng

RT: 6.74 min Scan# 451

Delta R.T. -0.03 min

Lab File: BF087183.D

Acq: 19 May 2016 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

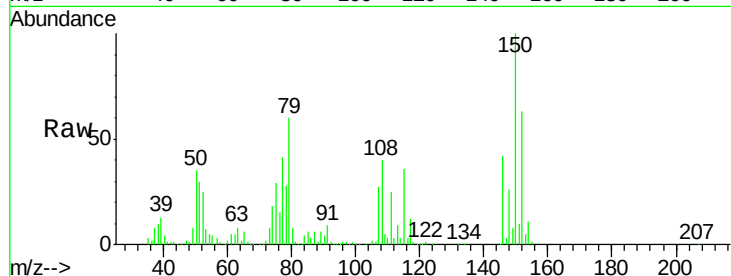
Tot Ion: 79 Resp: 302697

Ion Ratio Lower Upper

79 100

108 65.9 68.4 102.6#

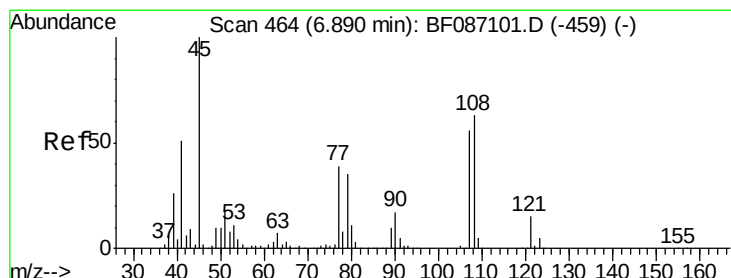
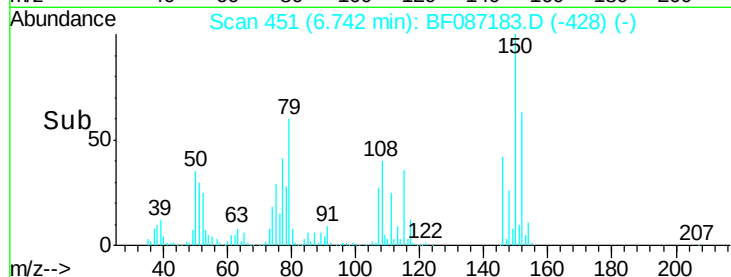
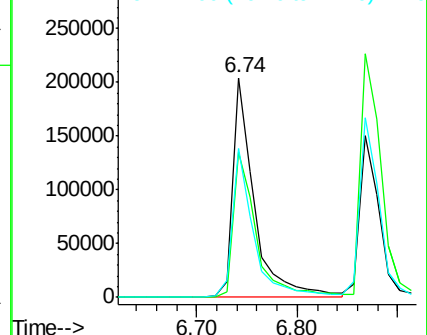
77 67.6 50.6 76.0



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: 38.34 ng

RT: 6.87 min Scan# 462

Delta R.T. -0.03 min

Lab File: BF087183.D

Acq: 19 May 2016 11:04

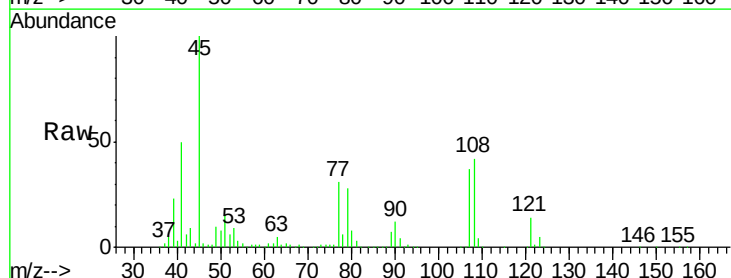
Tgt Ion: 45 Resp: 763913

Ion Ratio Lower Upper

45 100

77 30.7 0.0 36.4

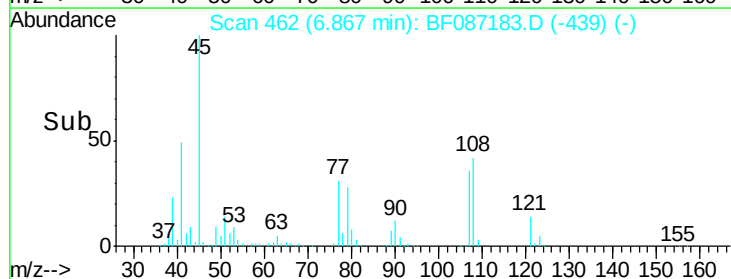
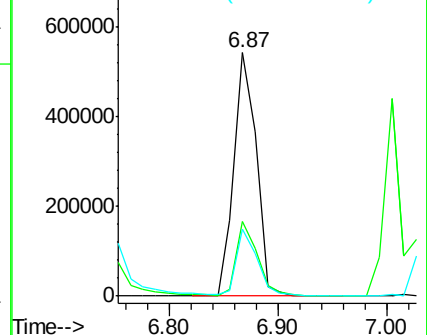
79 27.6 0.0 33.4

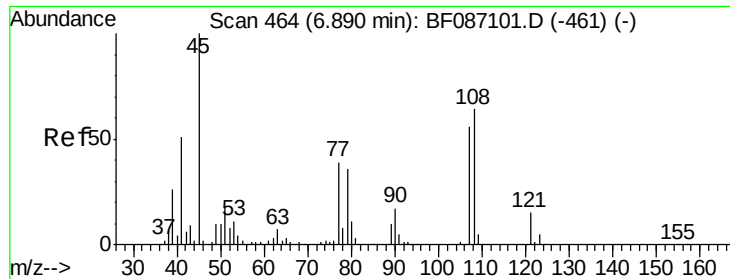


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 36.22 ng

RT: 6.87 min Scan# 462

Delta R.T. -0.03 min

Lab File: BF087183.D

Acq: 19 May 2016 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:107 Resp: 277084

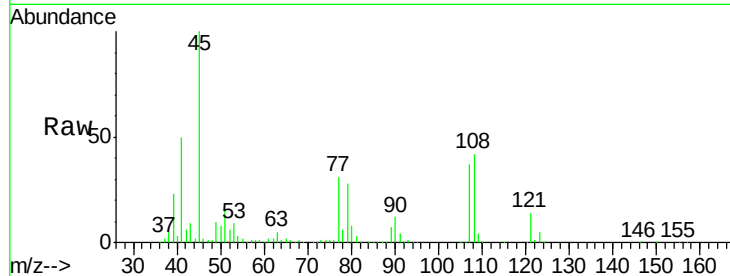
Ion Ratio Lower Upper

107 100

108 114.4 93.7 140.5

77 84.2 33.4 50.0#

79 75.7 34.3 51.5#

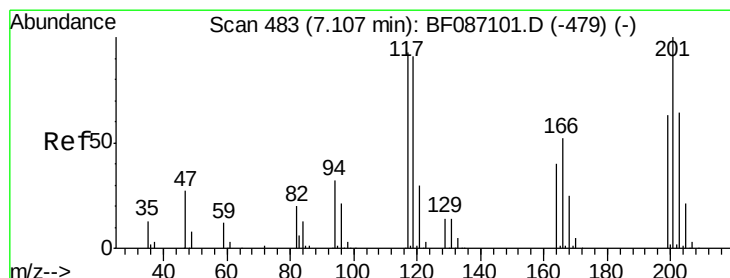
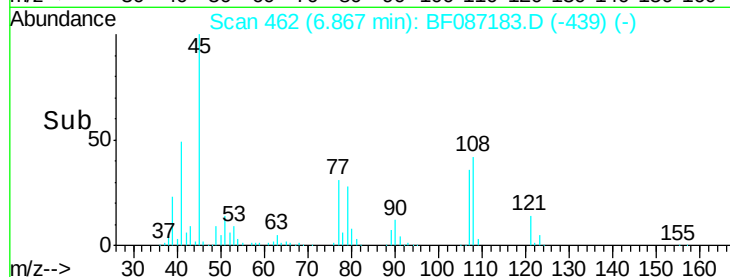
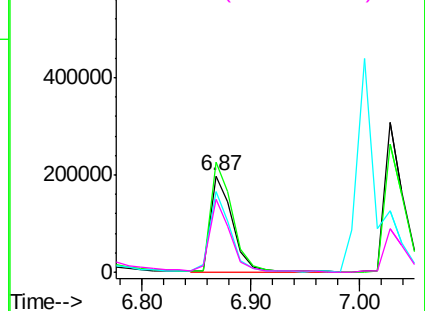


Abundance Ion 107.00 (106.70 to 107.70): E

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: 37.78 ng

RT: 7.08 min Scan# 481

Delta R.T. -0.03 min

Lab File: BF087183.D

Acq: 19 May 2016 11:04

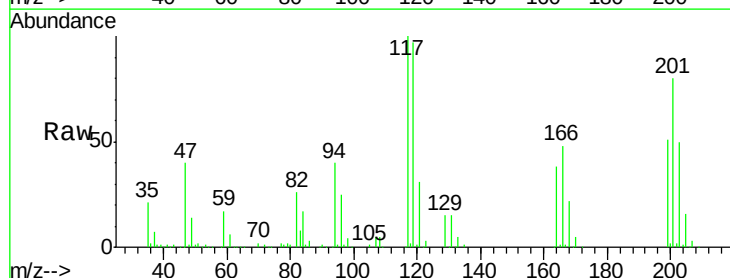
Tgt Ion:117 Resp: 146333

Ion Ratio Lower Upper

117 100

119 97.0 76.5 114.7

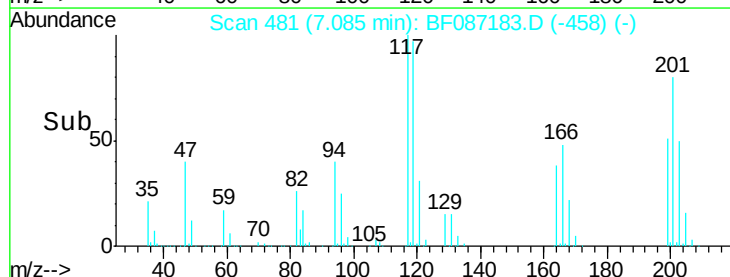
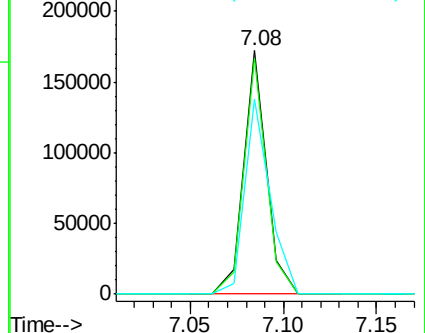
201 80.0 63.0 94.6

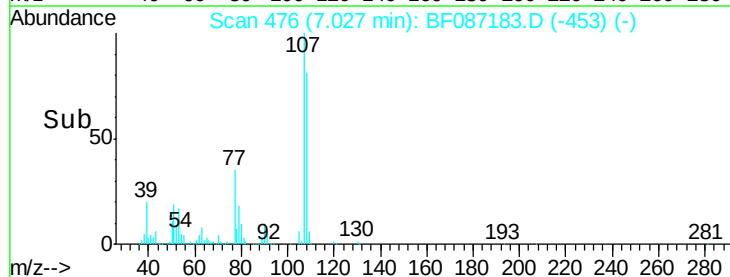
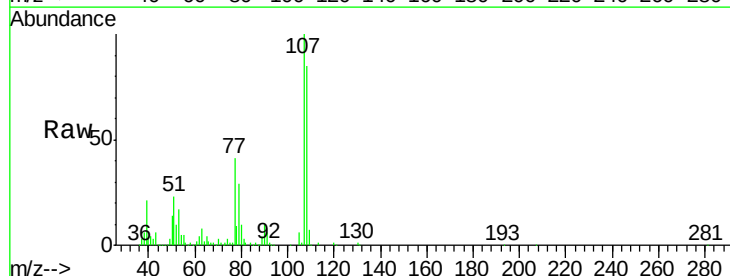
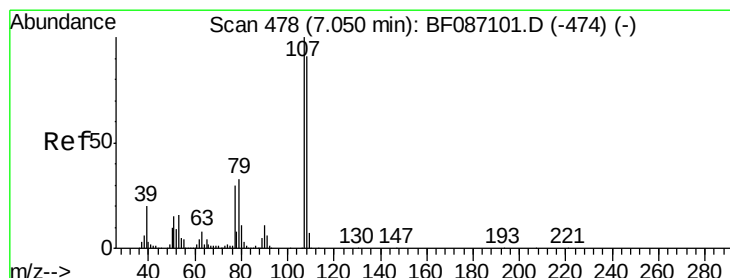
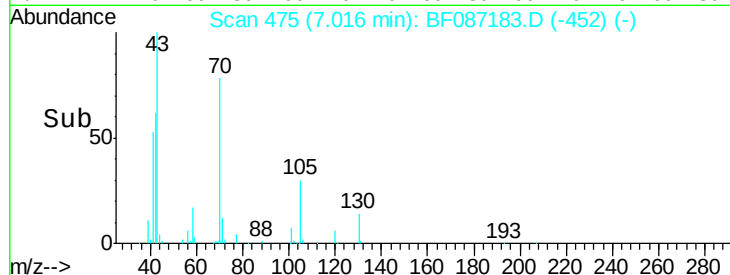
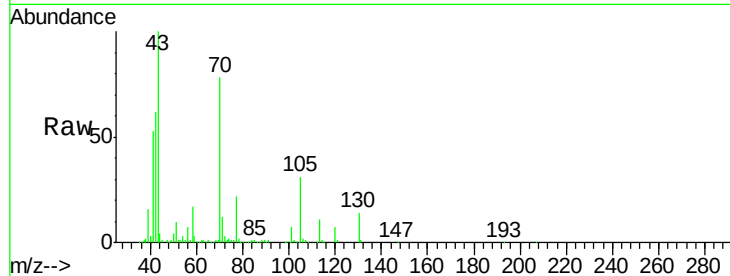
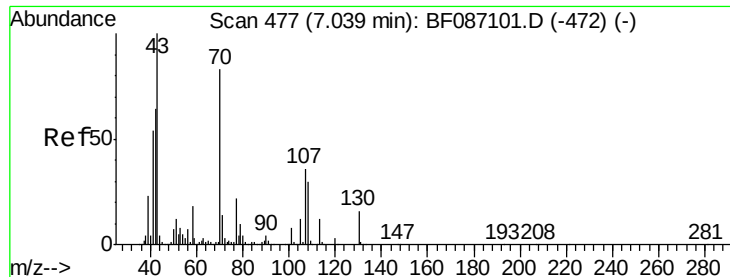


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

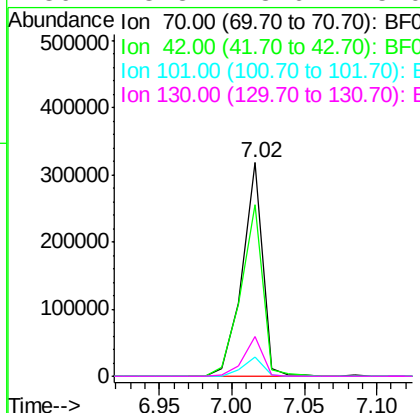




#19
n-Nitroso-di-n-propylamine
Concen: 39.74 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.03 min
Lab File: BF087183.D
Acq: 19 May 2016 11:04

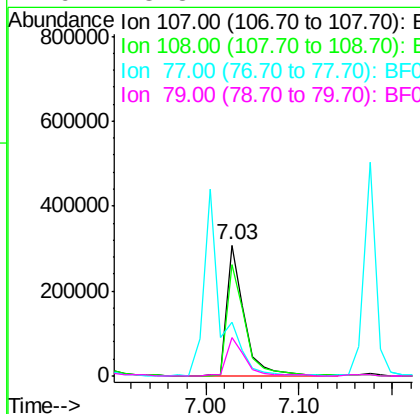
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

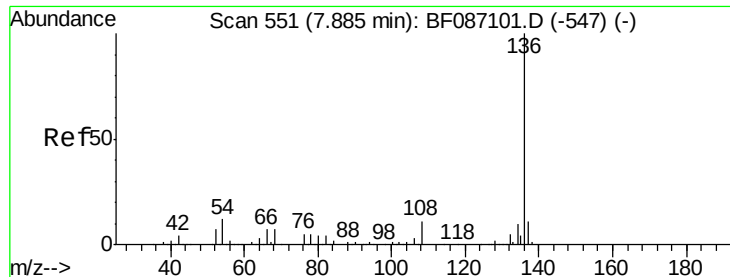
Tot Ion	Ratio	Lower	Upper
70	100		
42	80.5	43.1	64.7#
101	9.0	8.1	12.1
130	18.3	18.6	28.0#



#20
3+4-Methylphenols
Concen: 39.04 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.03 min
Lab File: BF087183.D
Acq: 19 May 2016 11:04

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.3	68.5	108.5
77	40.7	101.6	141.6#
79	28.8	7.4	47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.87 min Scan# 550

Delta R.T. -0.02 min

Lab File: BF087183.D

Acq: 19 May 2016 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:136 Resp: 537543

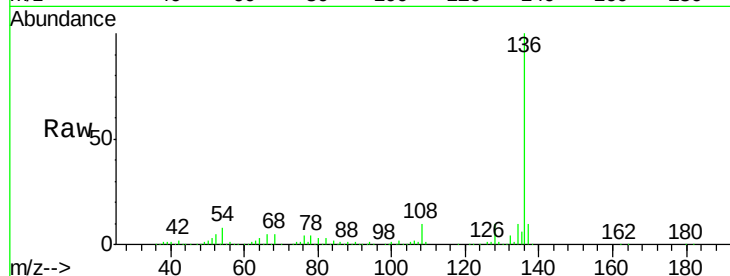
Ion Ratio Lower Upper

136 100

137 10.4 8.8 13.2

54 8.2 5.0 7.4#

68 4.6 4.4 6.6

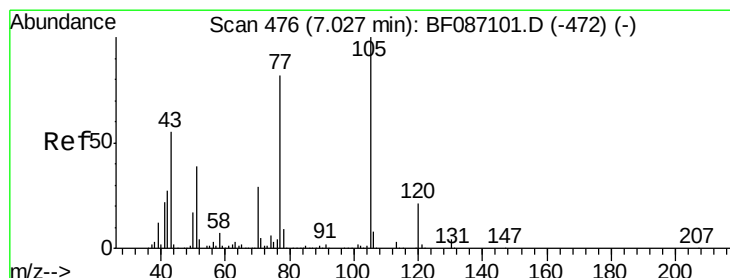
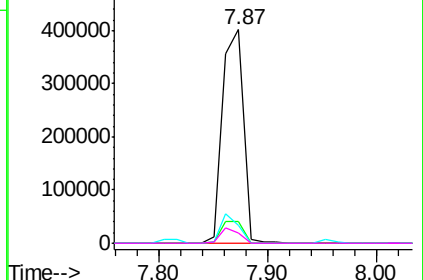
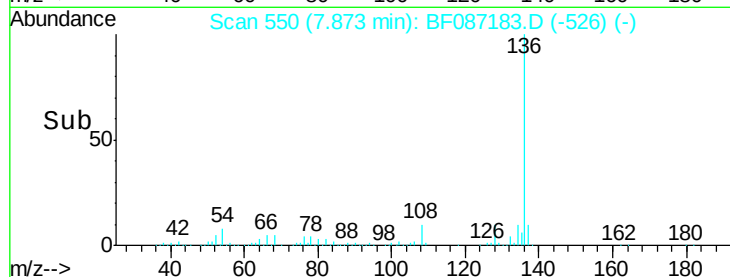


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 40.24 ng

RT: 7.00 min Scan# 474

Delta R.T. -0.03 min

Lab File: BF087183.D

Acq: 19 May 2016 11:04

Tgt Ion:105 Resp: 529385

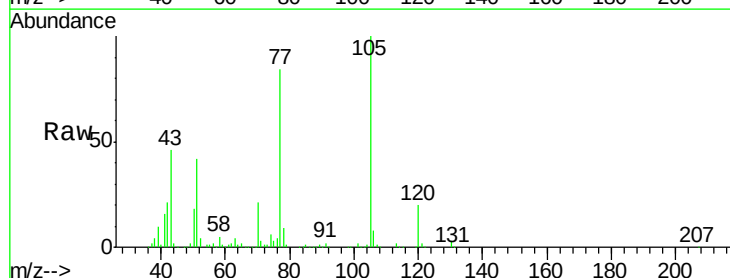
Ion Ratio Lower Upper

105 100

71 3.5 4.8 7.2#

51 42.1 32.6 49.0

120 20.1 16.5 24.7

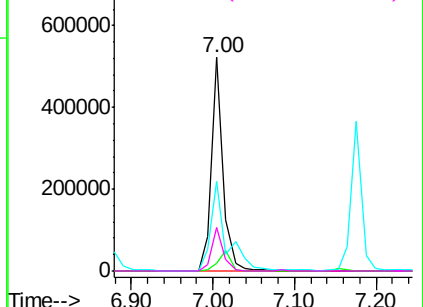
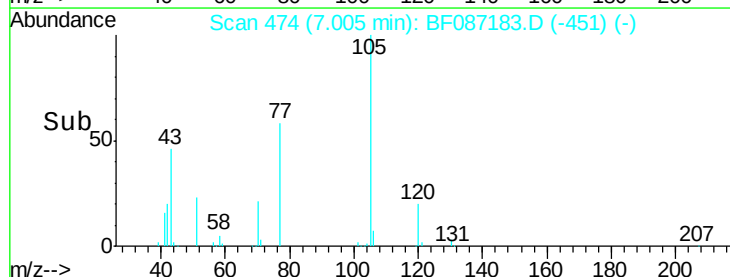


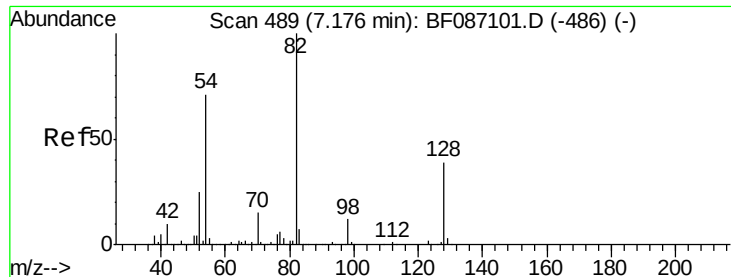
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

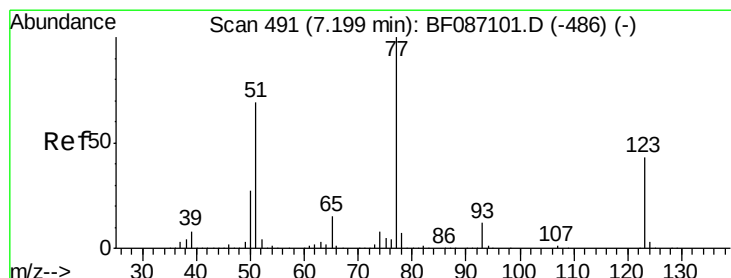
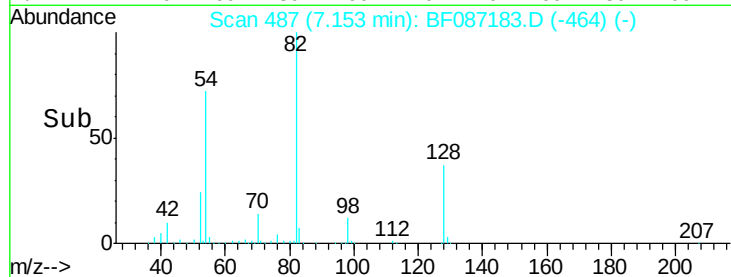
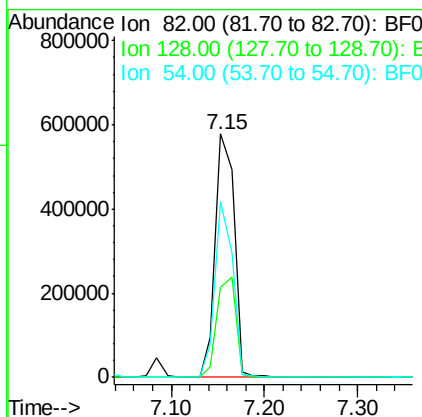
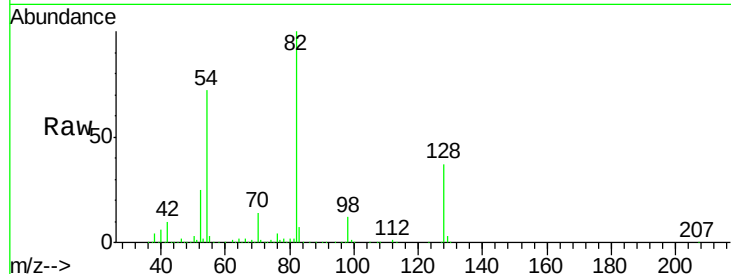




#23
 Nitrobenzene-d5
 Concen: 76.16 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.03 min
 Lab File: BF087183.D
 Acq: 19 May 2016 11:04

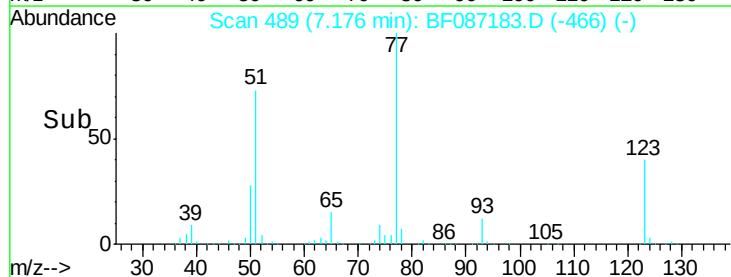
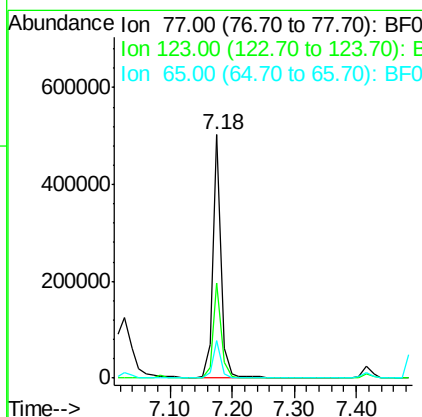
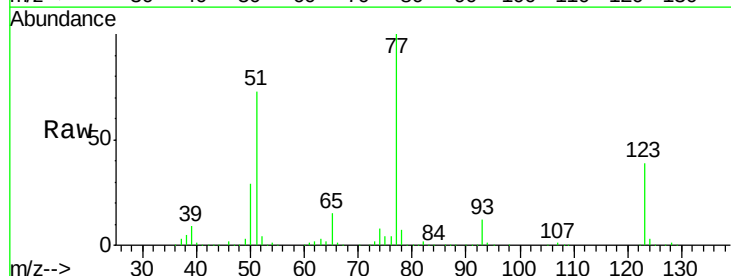
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

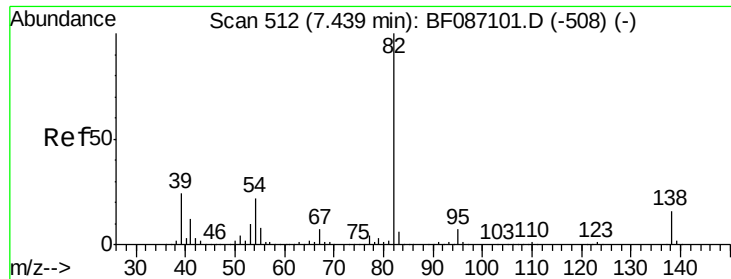
Tot Ion	82	Resp	821405
Ion Ratio	Lower	Upper	
82	100		
128	36.7	40.6	61.0#
54	72.0	38.1	57.1#



#24
 Nitrobenzene
 Concen: 38.56 ng
 RT: 7.18 min Scan# 489
 Delta R.T. -0.03 min
 Lab File: BF087183.D
 Acq: 19 May 2016 11:04

Tgt Ion	77	Resp	454166
Ion Ratio	Lower	Upper	
77	100		
123	39.3	33.0	49.4
65	15.2	10.8	16.2





#25

Isophorone

Concen: 37.04 ng

RT: 7.42 min Scan# 510

Delta R.T. -0.03 min

Lab File: BF087183.D

Acq: 19 May 2016 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

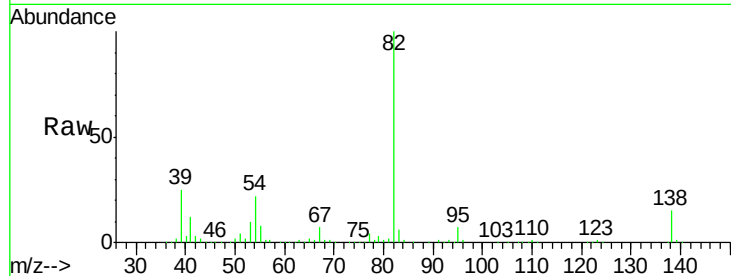
Tot Ion: 82 Resp: 731337

Ion Ratio Lower Upper

82 100

95 7.2 5.1 7.7

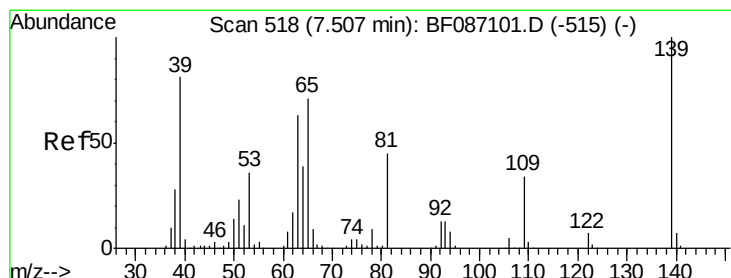
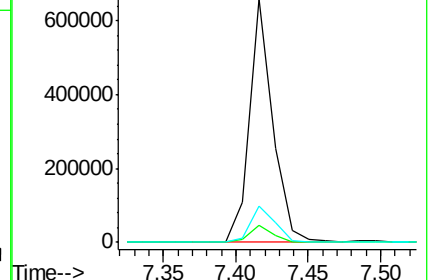
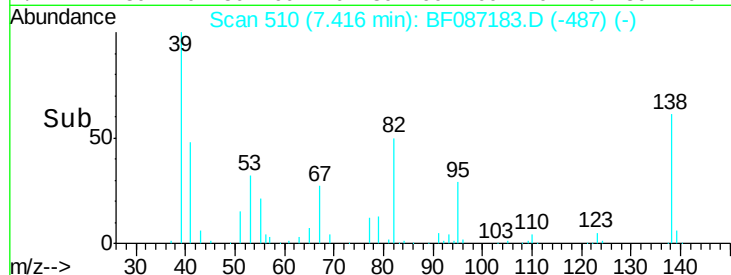
138 15.1 12.4 18.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 40.24 ng

RT: 7.50 min Scan# 517

Delta R.T. -0.02 min

Lab File: BF087183.D

Acq: 19 May 2016 11:04

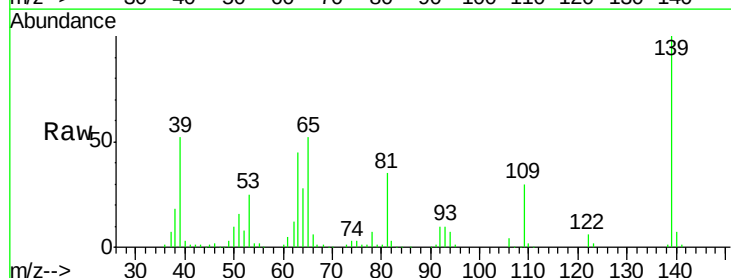
Tgt Ion: 139 Resp: 196312

Ion Ratio Lower Upper

139 100

109 29.9 19.5 29.3#

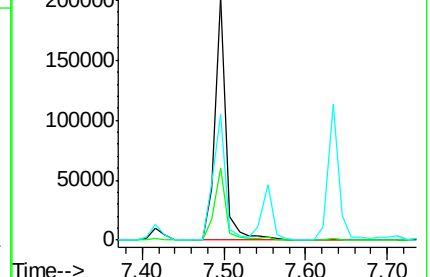
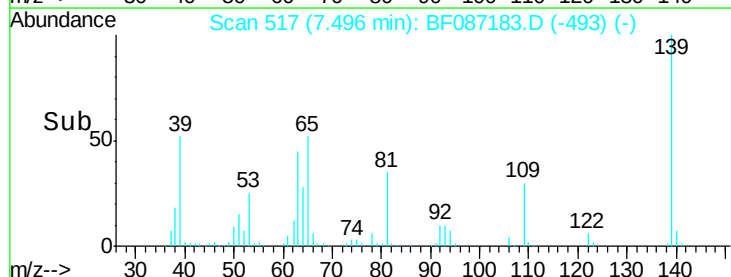
65 51.9 37.5 56.3

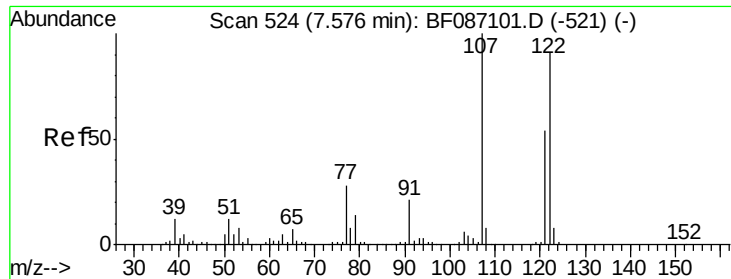


Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 39.87 ng

RT: 7.55 min Scan# 522

Delta R.T. -0.03 min

Lab File: BF087183.D

Acq: 19 May 2016 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

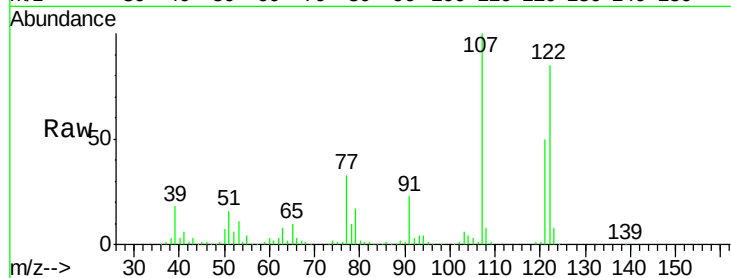
Tot Ion:122 Resp: 331953

Ion Ratio Lower Upper

122 100

107 118.0 82.0 123.0

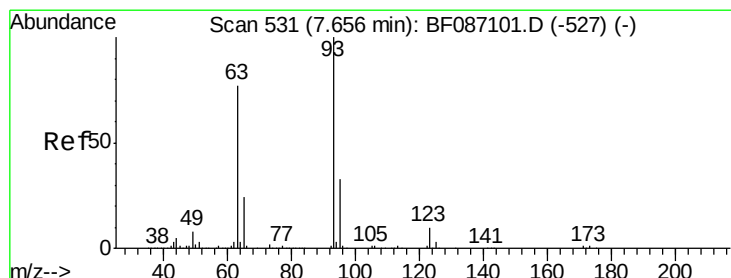
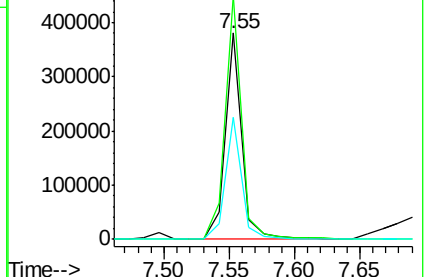
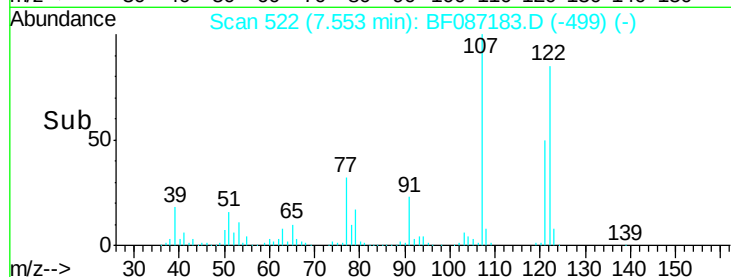
121 59.0 46.1 69.1



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: 37.49 ng

RT: 7.63 min Scan# 529

Delta R.T. -0.03 min

Lab File: BF087183.D

Acq: 19 May 2016 11:04

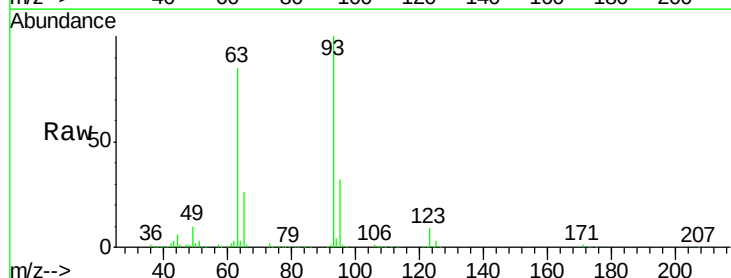
Tgt Ion: 93 Resp: 406400

Ion Ratio Lower Upper

93 100

95 32.1 26.0 39.0

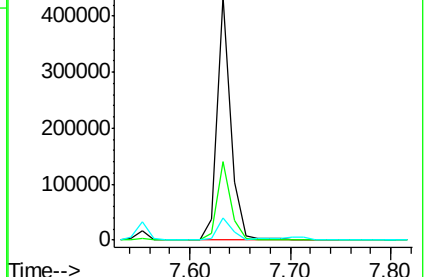
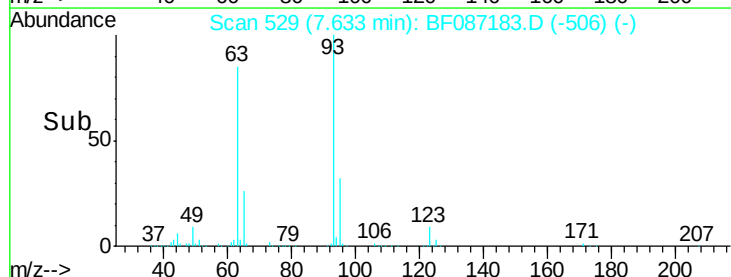
123 9.2 9.5 14.3#

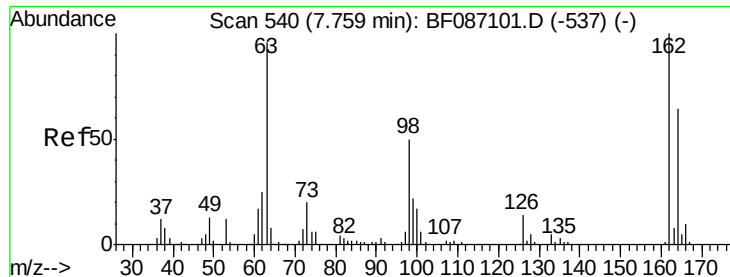


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

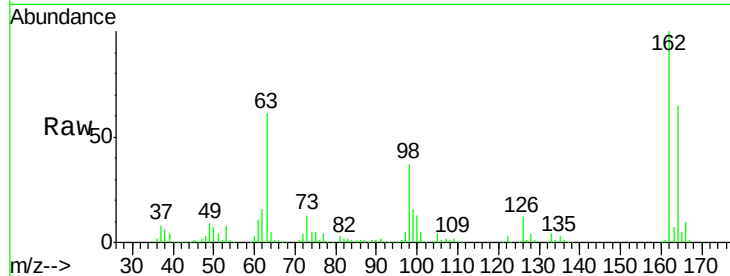




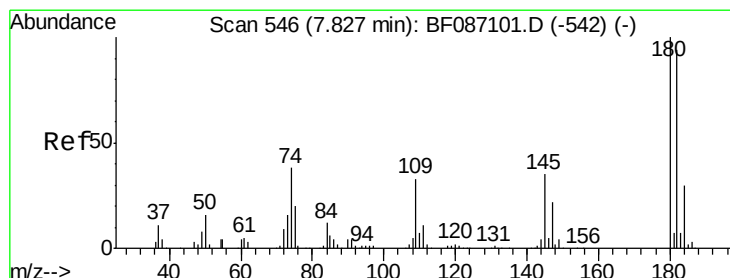
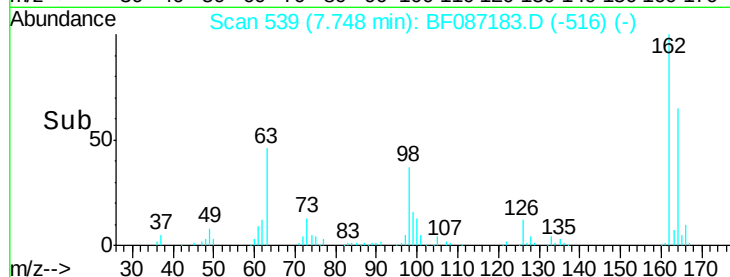
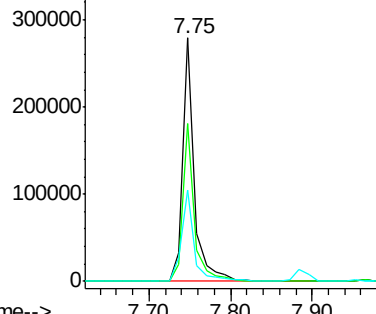
#29
 2,4-Dichlorophenol
 Concen: 38.35 ng
 RT: 7.75 min Scan# 539
 Delta R.T. -0.03 min
 Lab File: BF087183.D
 Acq: 19 May 2016 11:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	42.2	82.2
98	37.5	19.0	59.0

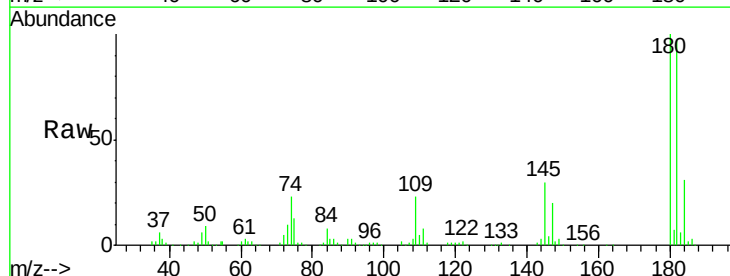


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

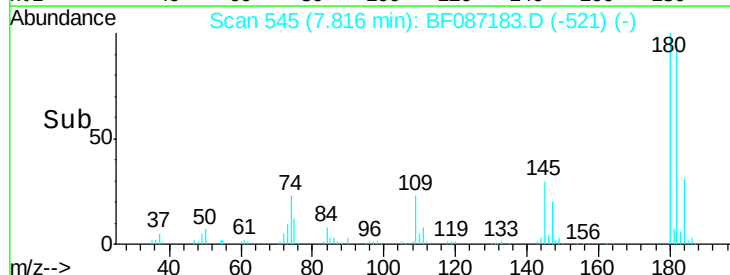
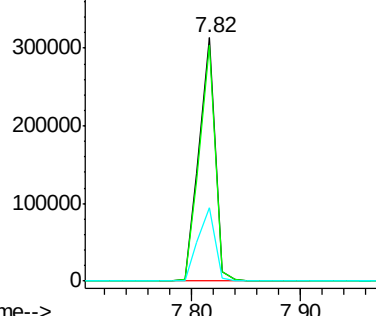


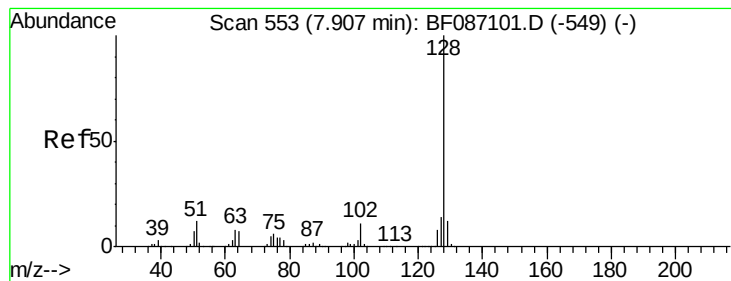
#30
 1,2,4-Trichlorobenzene
 Concen: 39.64 ng
 RT: 7.82 min Scan# 545
 Delta R.T. -0.02 min
 Lab File: BF087183.D
 Acq: 19 May 2016 11:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	78.0	117.0
145	30.1	24.2	36.2



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





#31

Naphthalene

Concen: 37.07 ng

RT: 7.88 min Scan# 551

Delta R.T. -0.03 min

Lab File: BF087183.D

Acq: 19 May 2016 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

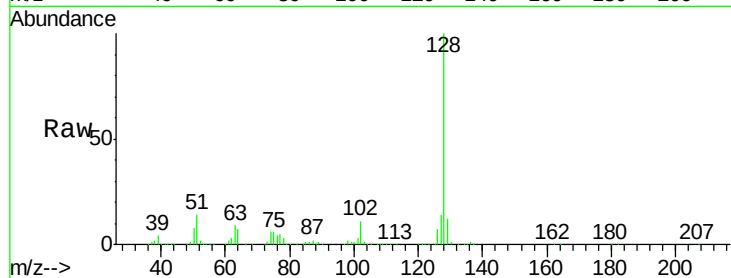
Tot Ion:128 Resp: 973588

Ion Ratio Lower Upper

128 100

129 11.5 8.6 13.0

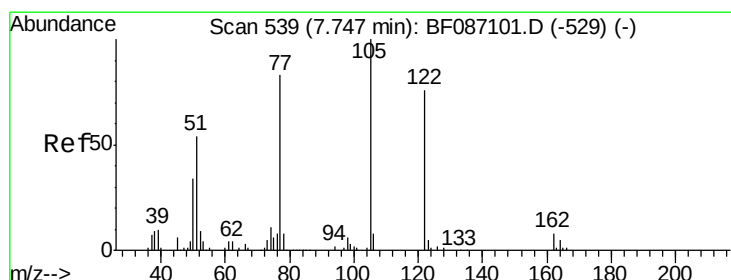
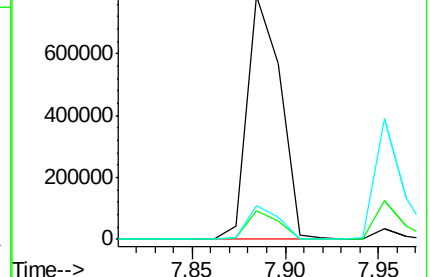
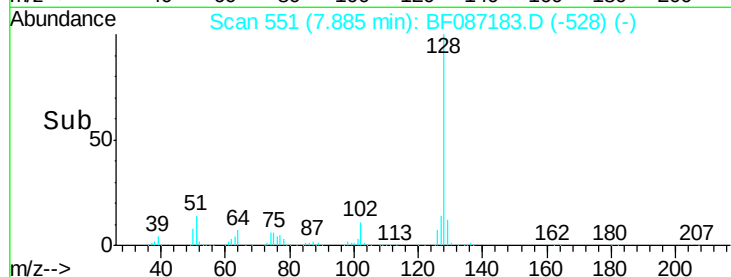
127 13.7 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 32.44 ng

RT: 7.71 min Scan# 536

Delta R.T. -0.03 min

Lab File: BF087183.D

Acq: 19 May 2016 11:04

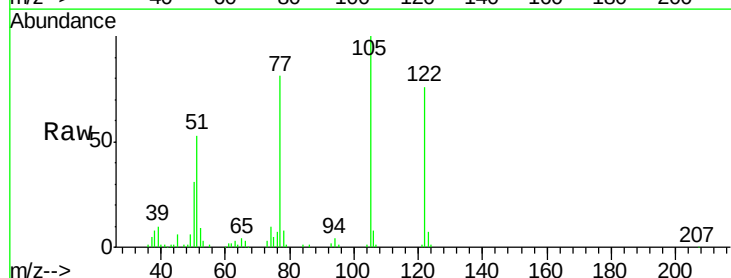
Tgt Ion:122 Resp: 161004

Ion Ratio Lower Upper

122 100

105 131.7 92.6 132.6

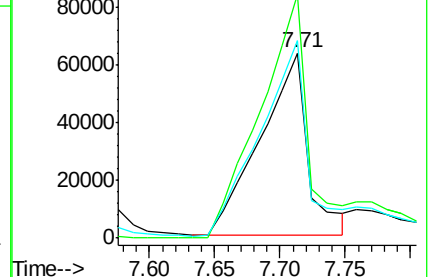
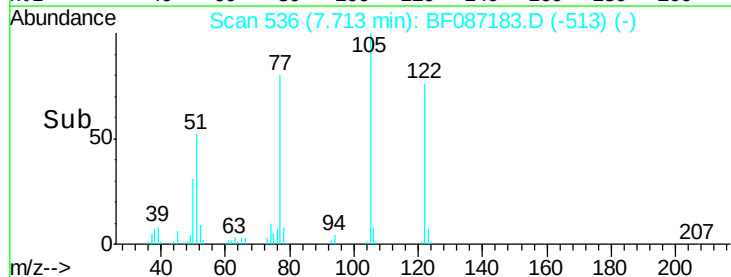
77 106.7 60.0 100.0#

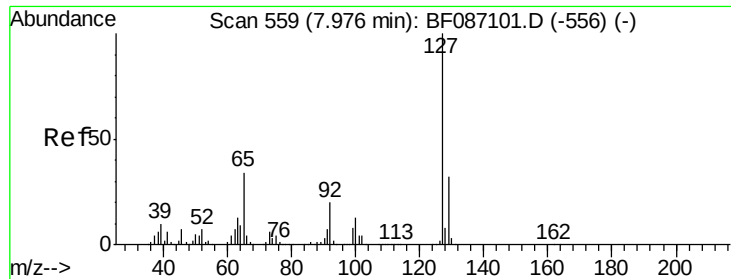


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

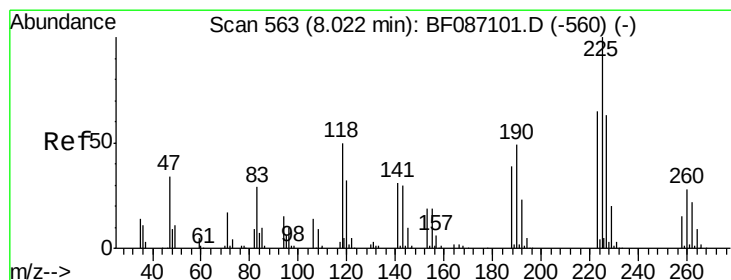
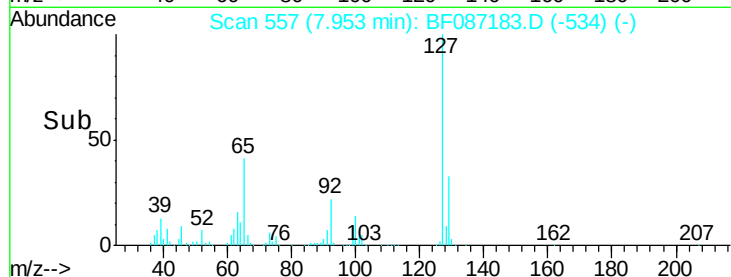
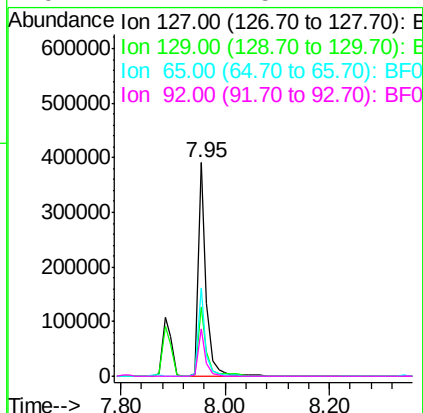
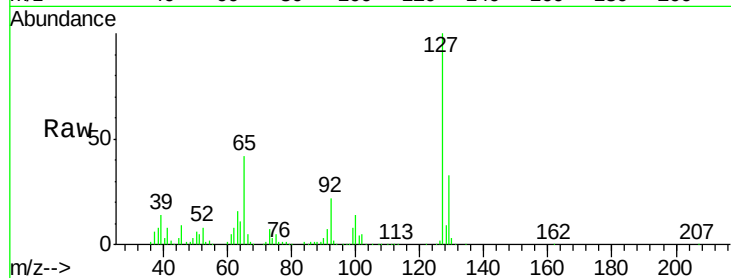




#33
4-Chloroaniline
Concen: 37.39 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.03 min
Lab File: BF087183.D
Acq: 19 May 2016 11:04

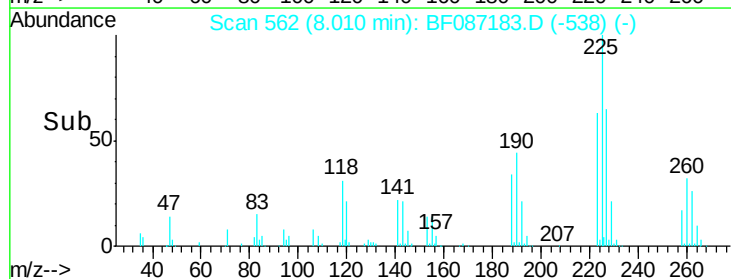
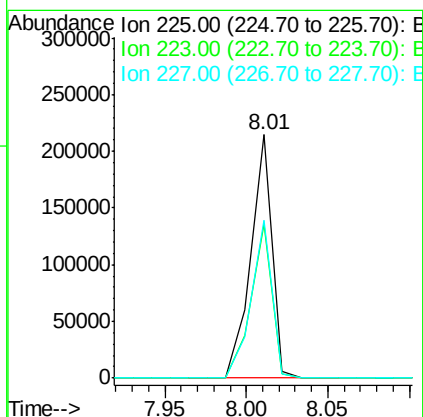
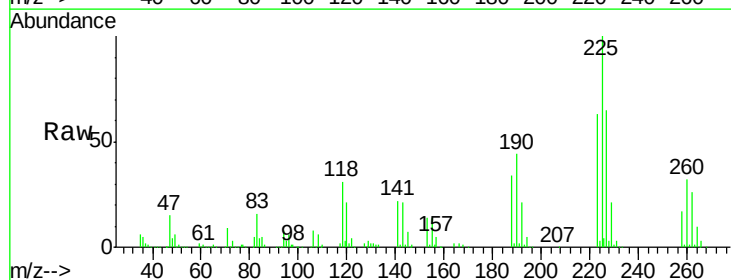
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

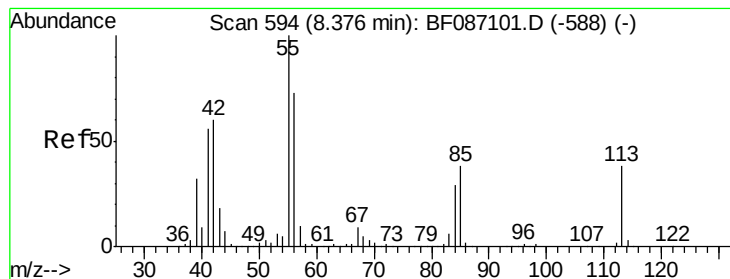
Tot Ion:	127	Resp:	408186
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.4
65	41.6	23.0	34.4
92	22.4	15.1	22.7



#34
Hexachlorobutadiene
Concen: 41.82 ng
RT: 8.01 min Scan# 562
Delta R.T. -0.02 min
Lab File: BF087183.D
Acq: 19 May 2016 11:04

Tgt Ion:	225	Resp:	193189
Ion	Ratio	Lower	Upper
225	100		
223	63.1	51.5	77.3
227	64.6	52.2	78.2





#35

Caprolactam

Concen: 35.99 ng

RT: 8.34 min Scan# 591

Delta R.T. -0.05 min

Lab File: BF087183.D

Acq: 19 May 2016 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

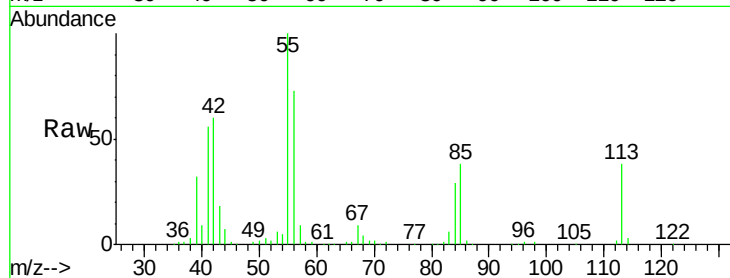
Tot Ion:113 Resp: 87930

Ion Ratio Lower Upper

113 100

55 263.9 162.0 202.0#

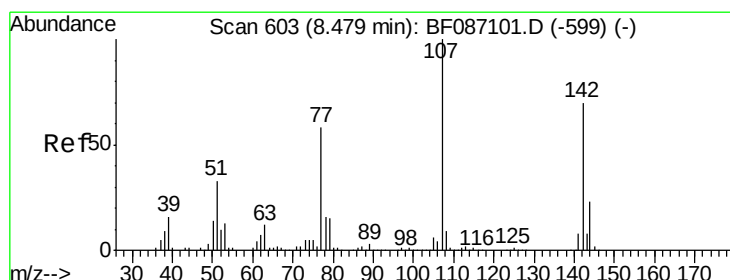
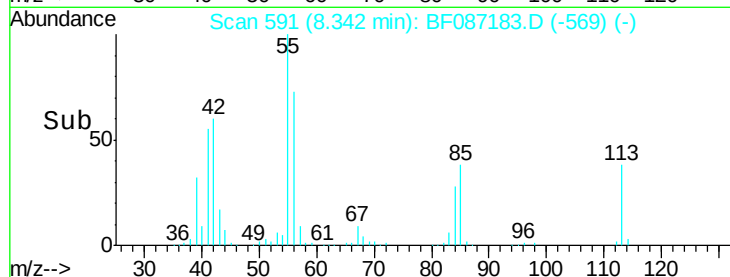
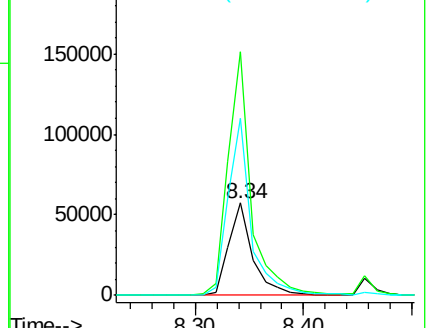
56 192.5 115.3 155.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 37.38 ng

RT: 8.46 min Scan# 601

Delta R.T. -0.03 min

Lab File: BF087183.D

Acq: 19 May 2016 11:04

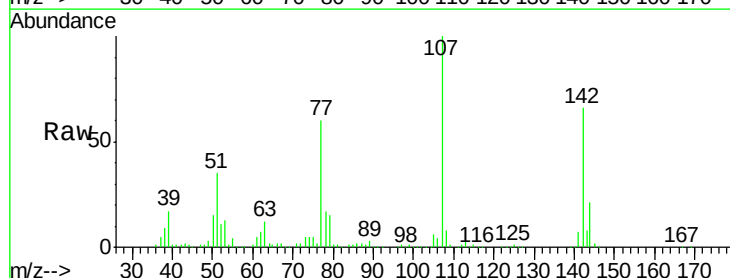
Tgt Ion:107 Resp: 330753

Ion Ratio Lower Upper

107 100

144 20.9 20.7 31.1

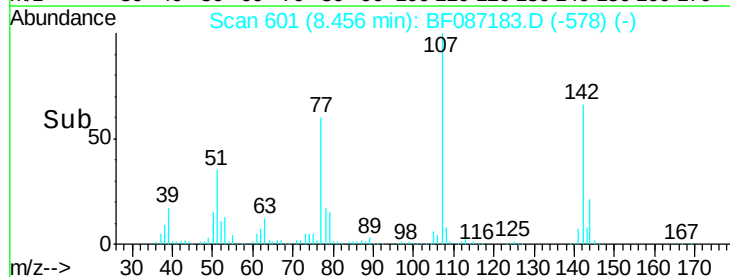
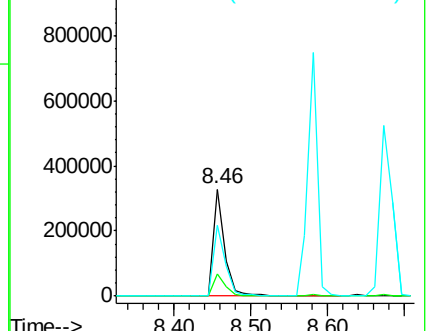
142 66.1 63.2 94.8

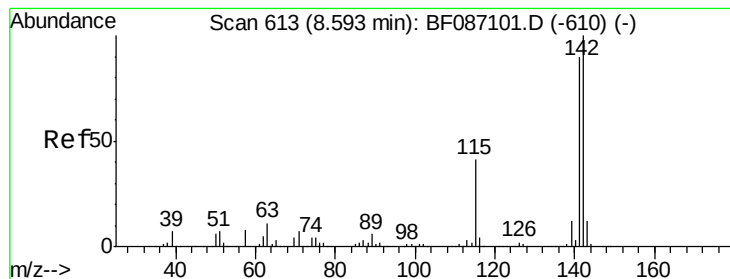


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.72 ng

RT: 8.58 min Scan# 612

Delta R.T. -0.03 min

Lab File: BF087183.D

Acq: 19 May 2016 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

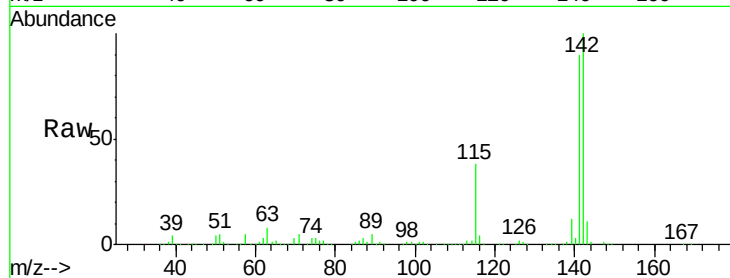
Tot Ion:142 Resp: 667318

Ion Ratio Lower Upper

142 100

141 89.8 71.0 106.6

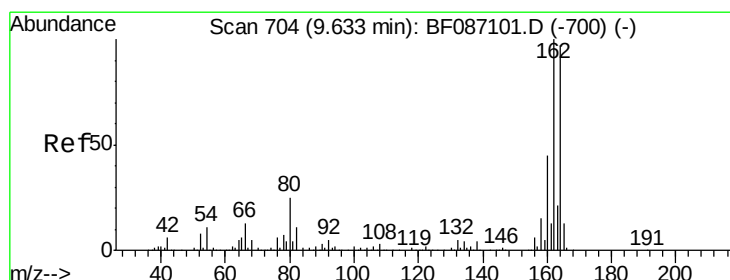
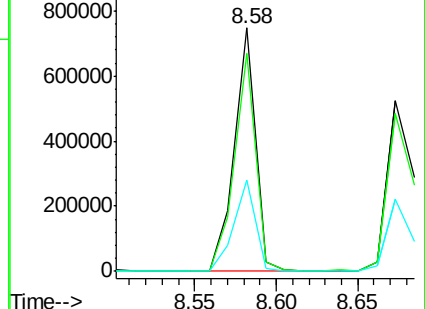
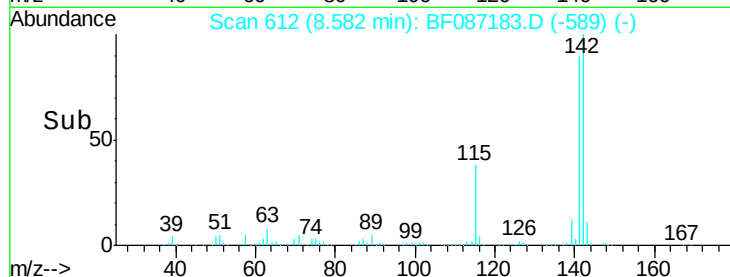
115 37.8 26.6 39.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.03 min

Lab File: BF087183.D

Acq: 19 May 2016 11:04

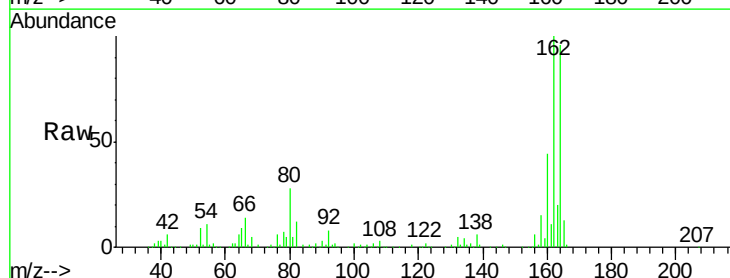
Tgt Ion:164 Resp: 241820

Ion Ratio Lower Upper

164 100

162 104.6 82.8 124.2

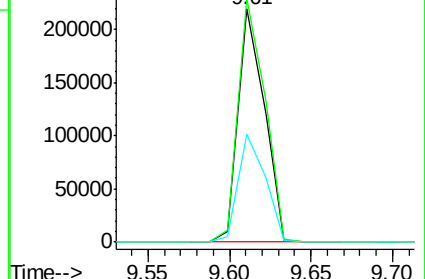
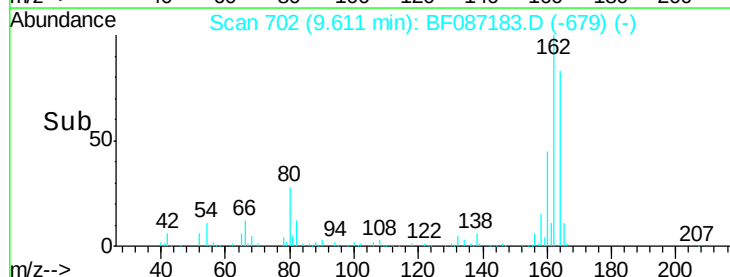
160 46.2 36.9 55.3

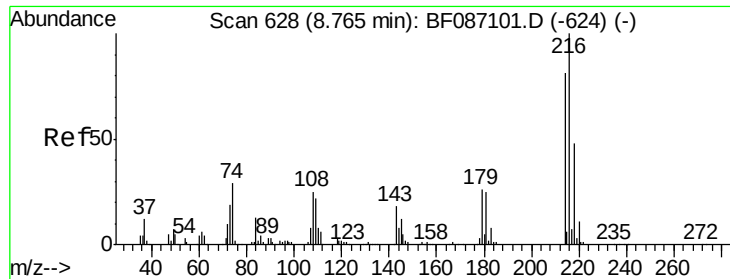


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

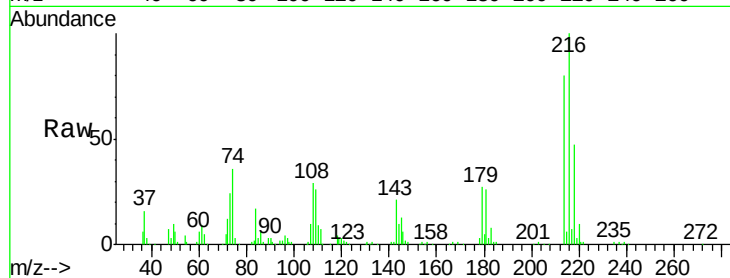




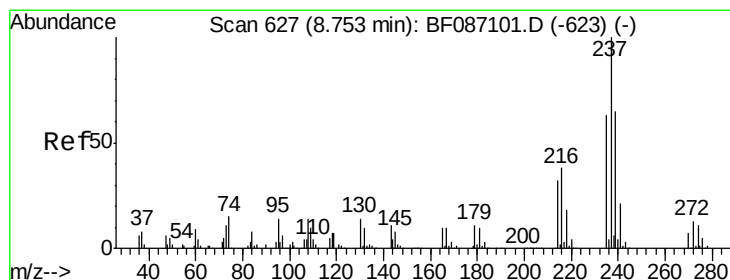
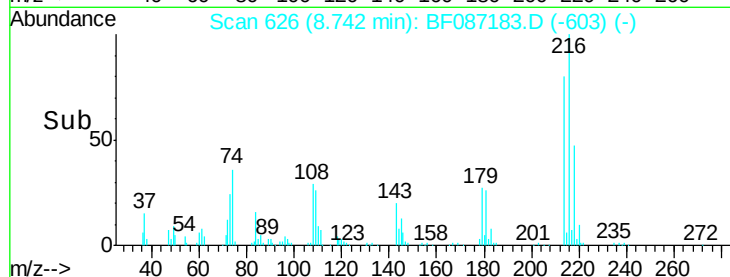
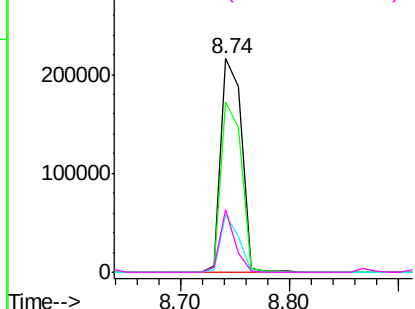
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.67 ng
 RT: 8.74 min Scan# 626
 Delta R.T. -0.03 min
 Lab File: BF087183.D
 Acq: 19 May 2016 11:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	216	Resp:	287218
Ion	Ratio	Lower	Upper
216	100		
214	78.7	62.6	93.8
179	23.2	18.2	27.4
108	21.7	17.5	26.3

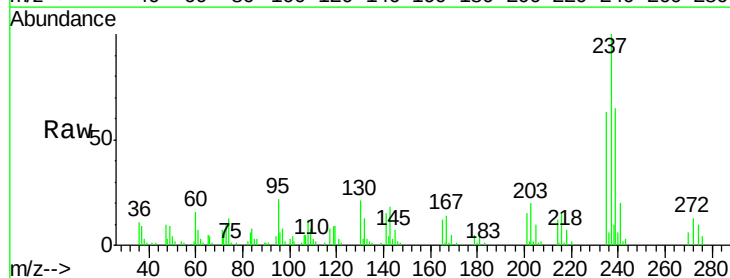


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

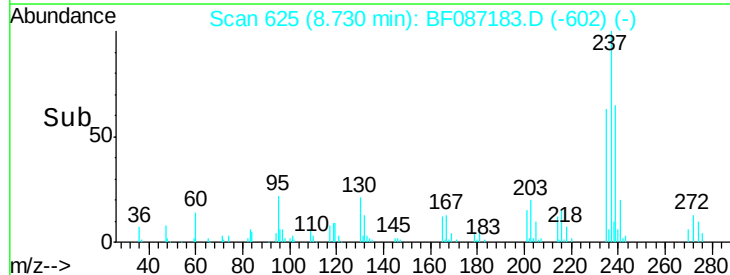
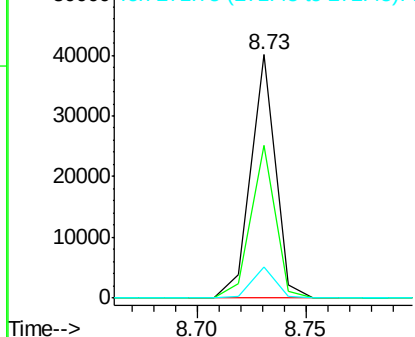


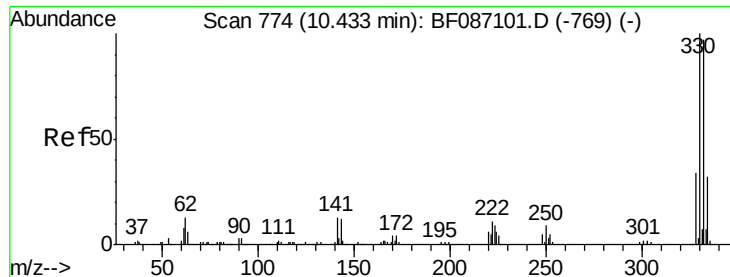
#40
 Hexachlorocyclopentadiene
 Concen: 18.33 ng
 RT: 8.73 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF087183.D
 Acq: 19 May 2016 11:04

Tgt Ion:	237	Resp:	31692
Ion	Ratio	Lower	Upper
237	100		
235	62.5	47.2	87.2
272	12.6	0.0	31.1



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

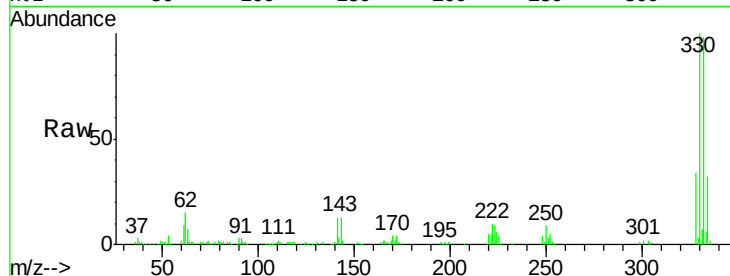




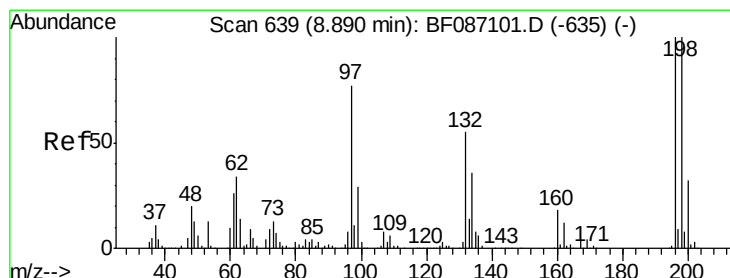
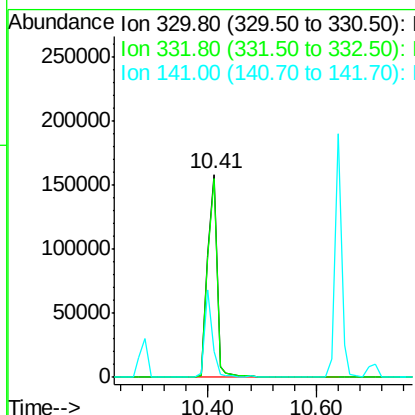
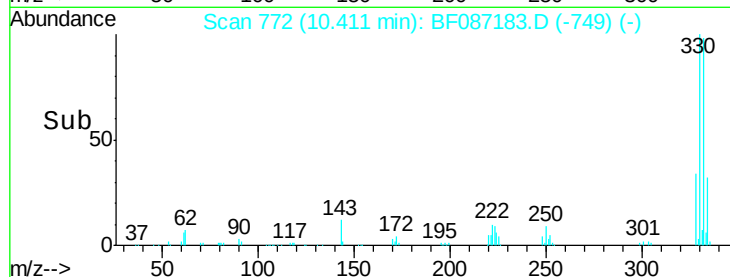
#41
 2,4,6-Tribromophenol
 Concen: 71.53 ng
 RT: 10.41 min Scan# 772
 Delta R.T. -0.03 min
 Lab File: BF087183.D
 Acq: 19 May 2016 11:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:330 Resp: 191145
 Ion Ratio Lower Upper
 330 100
 332 97.4 79.0 118.4
 141 34.9 31.2 46.8

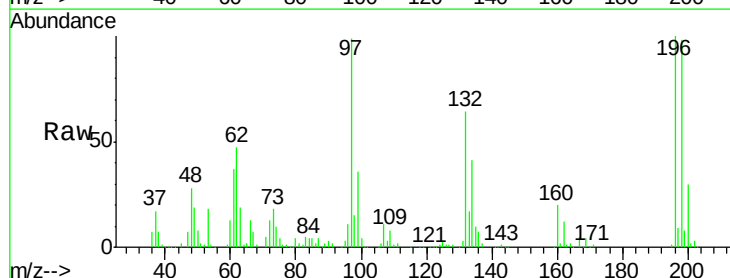


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

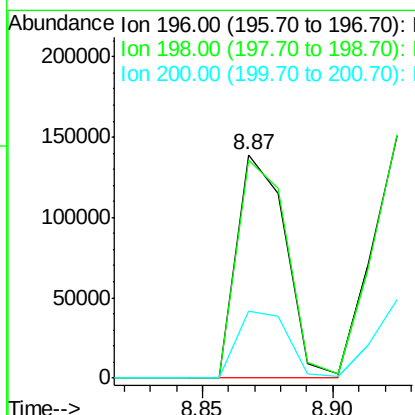
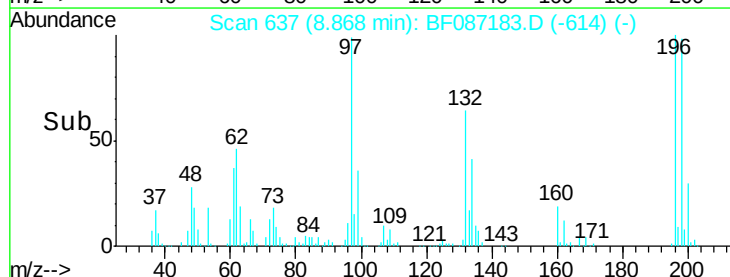


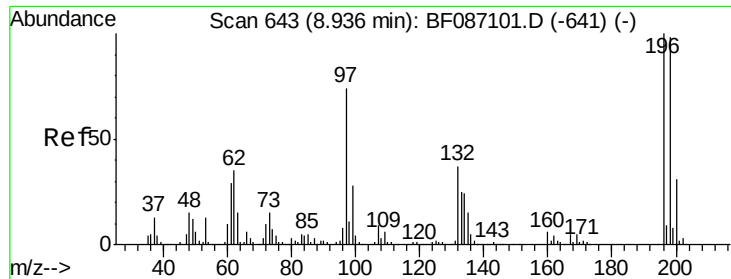
#42
 2,4,6-Trichlorophenol
 Concen: 39.81 ng
 RT: 8.87 min Scan# 637
 Delta R.T. -0.03 min
 Lab File: BF087183.D
 Acq: 19 May 2016 11:04

Tgt Ion:196 Resp: 182338
 Ion Ratio Lower Upper
 196 100
 198 97.7 74.7 112.1
 200 30.1 23.8 35.6



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

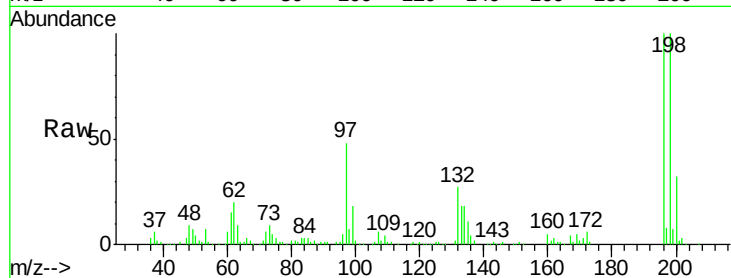




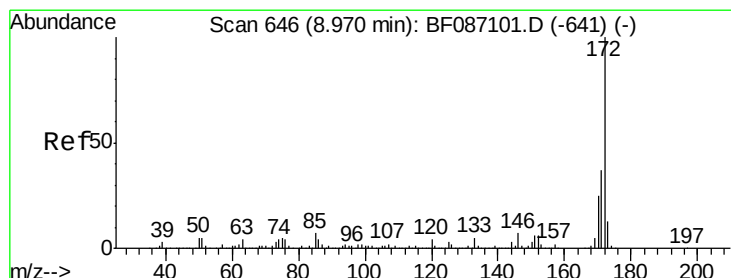
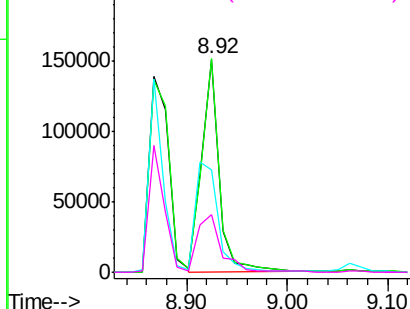
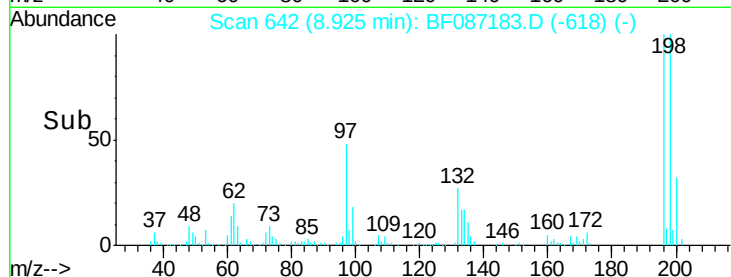
#43
 2,4,5-Trichlorophenol
 Concen: 38.78 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.02 min
 Lab File: BF087183.D
 Acq: 19 May 2016 11:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
196	100		
198	100.3	77.5	116.3
97	48.2	34.8	52.2
132	27.3	23.0	34.4

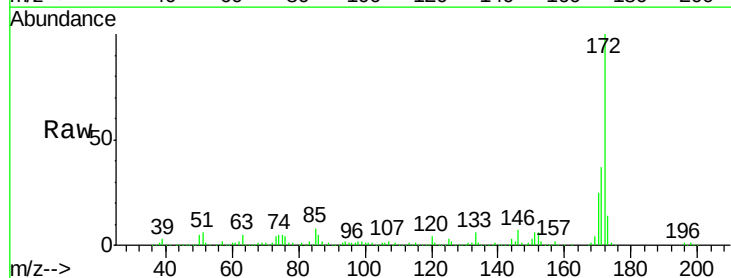


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

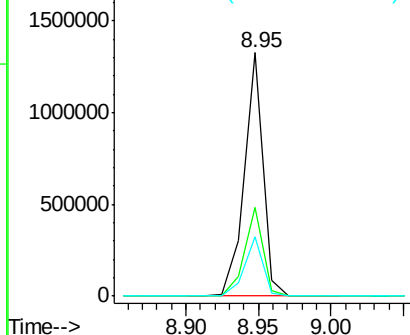
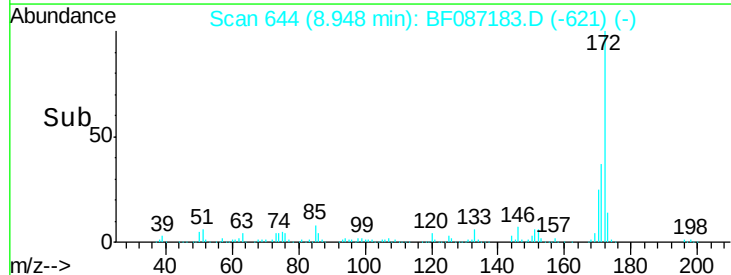


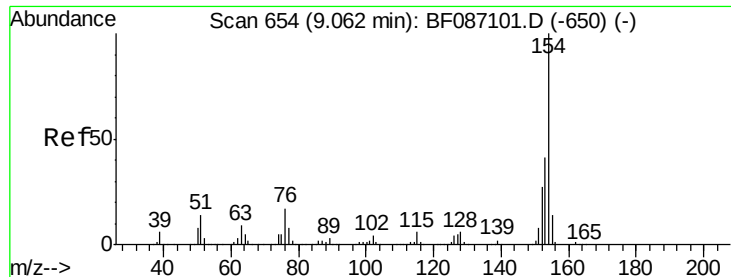
#44
 2-Fluorobiphenyl
 Concen: 81.48 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.03 min
 Lab File: BF087183.D
 Acq: 19 May 2016 11:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.0	43.6
170	24.5	19.8	29.8



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





#45

1,1'-Biphenyl

Concen: 44.08 ng

RT: 9.05 min Scan# 653

Delta R.T. -0.02 min

Lab File: BF087183.D

Acq: 19 May 2016 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

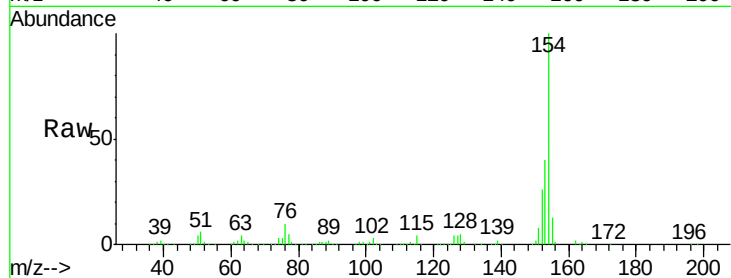
Tot Ion:154 Resp: 883758

Ion Ratio Lower Upper

154 100

153 40.4 20.3 60.3

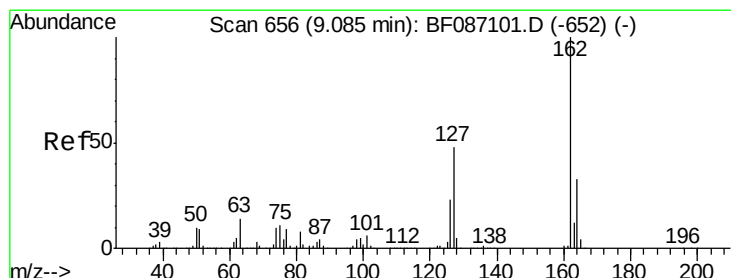
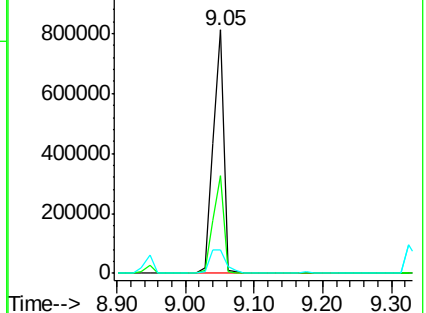
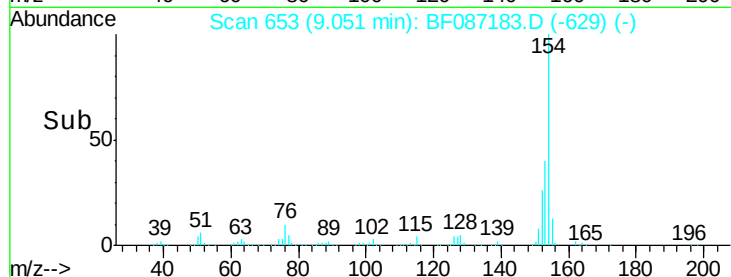
76 9.5 0.0 30.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.61 ng

RT: 9.07 min Scan# 655

Delta R.T. -0.02 min

Lab File: BF087183.D

Acq: 19 May 2016 11:04

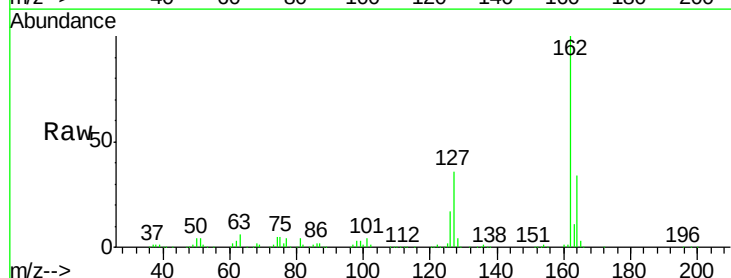
Tgt Ion:162 Resp: 609705

Ion Ratio Lower Upper

162 100

127 36.5 31.8 47.6

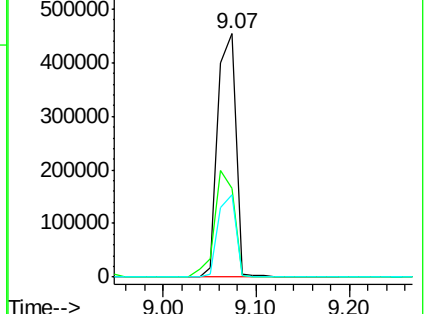
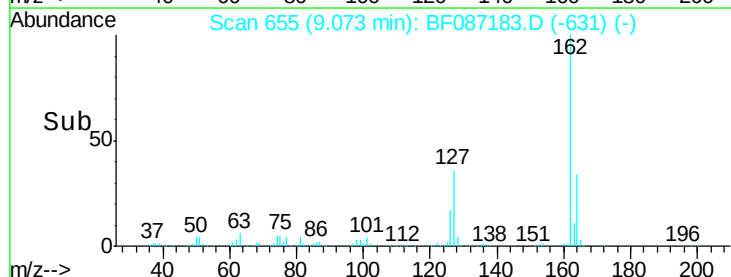
164 33.7 27.0 40.6

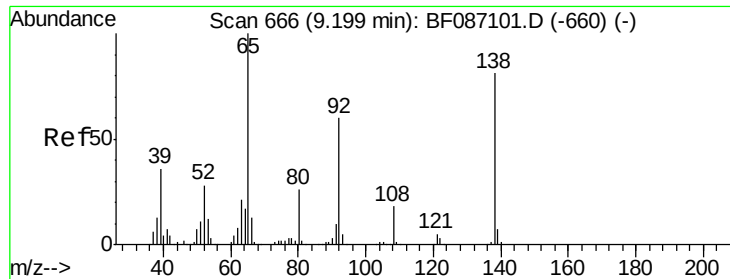


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 38.15 ng

RT: 9.18 min Scan# 664

Delta R.T. -0.03 min

Lab File: BF087183.D

Acq: 19 May 2016 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

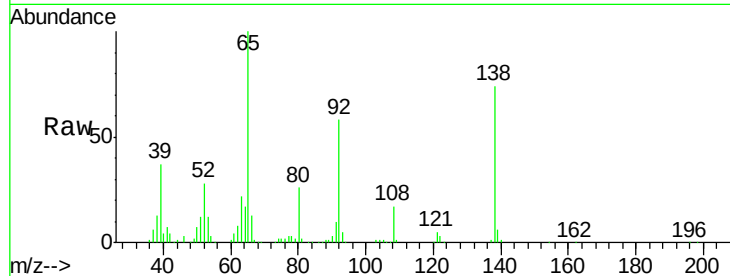
Tot Ion: 65 Resp: 225058

Ion Ratio Lower Upper

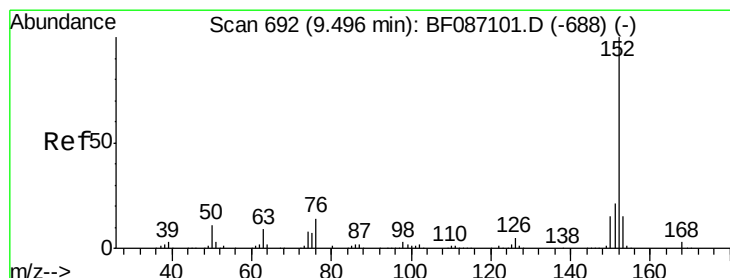
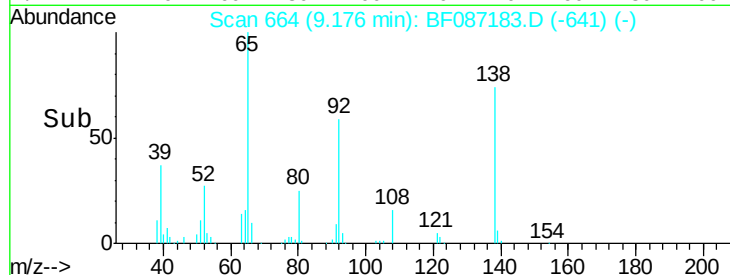
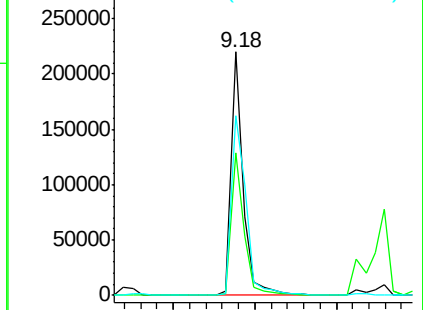
65 100

92 58.3 57.4 86.2

138 73.5 90.1 135.1#



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



#48

Acenaphthylene

Concen: 37.90 ng

RT: 9.47 min Scan# 690

Delta R.T. -0.03 min

Lab File: BF087183.D

Acq: 19 May 2016 11:04

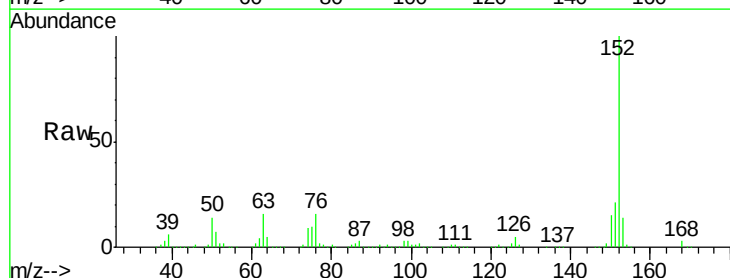
Tgt Ion: 152 Resp: 890834

Ion Ratio Lower Upper

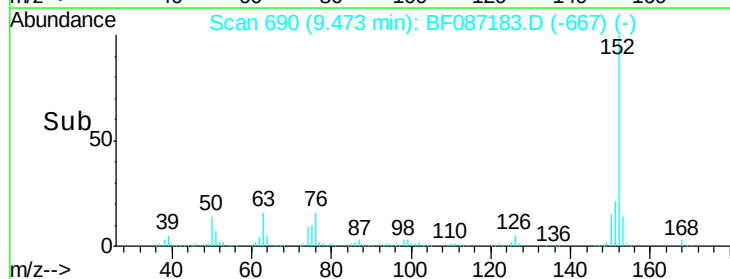
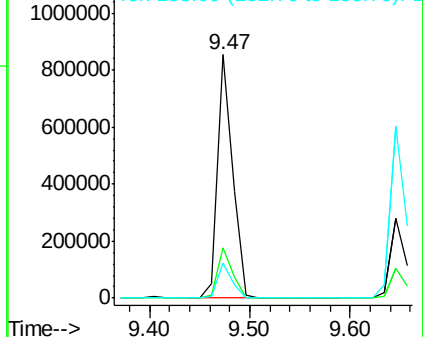
152 100

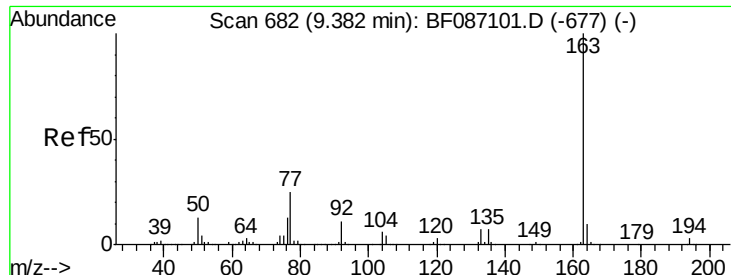
151 20.5 16.8 25.2

153 14.3 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 41.55 ng

RT: 9.36 min Scan# 680

Delta R.T. -0.03 min

Lab File: BF087183.D

Acq: 19 May 2016 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

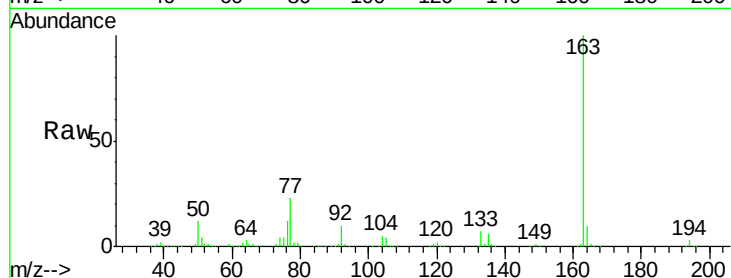
Tot Ion:163 Resp: 766512

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

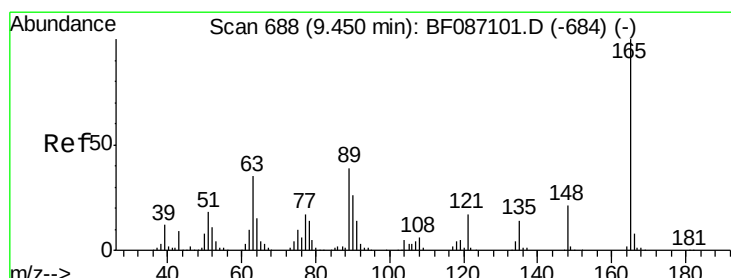
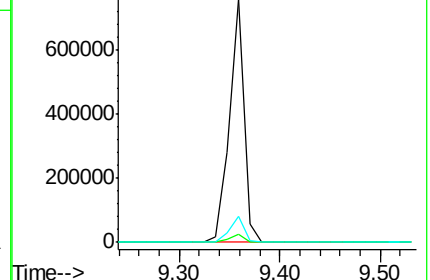
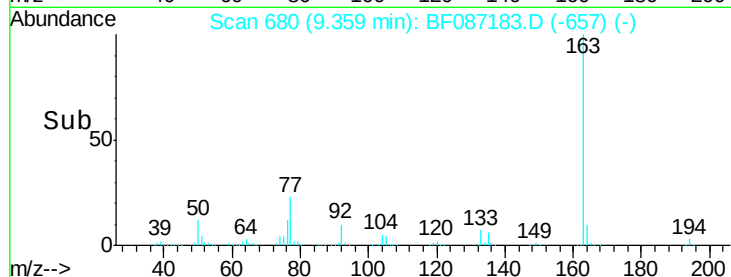
164 10.5 8.2 12.4



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: 42.06 ng

RT: 9.43 min Scan# 686

Delta R.T. -0.03 min

Lab File: BF087183.D

Acq: 19 May 2016 11:04

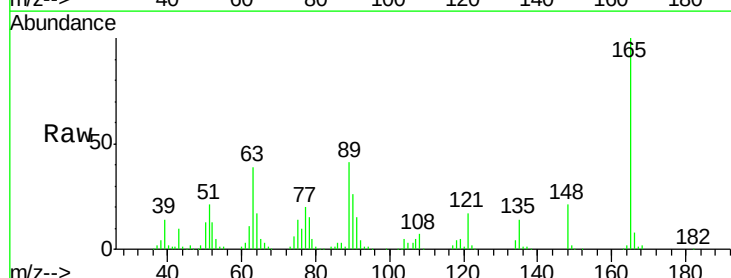
Tgt Ion:165 Resp: 168489

Ion Ratio Lower Upper

165 100

63 39.2 51.8 77.8#

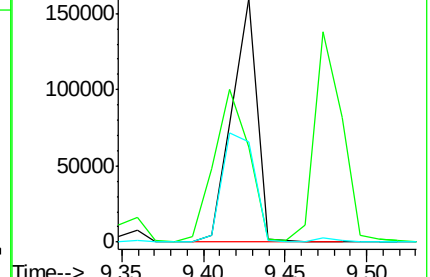
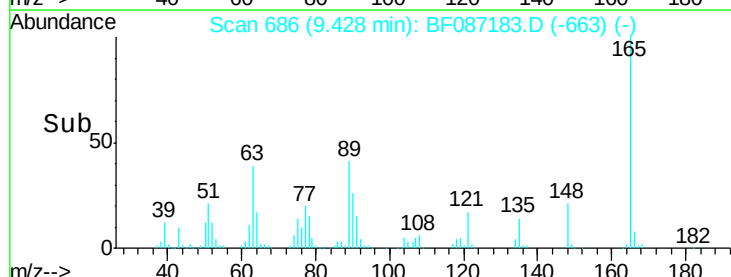
89 41.0 50.7 76.1#

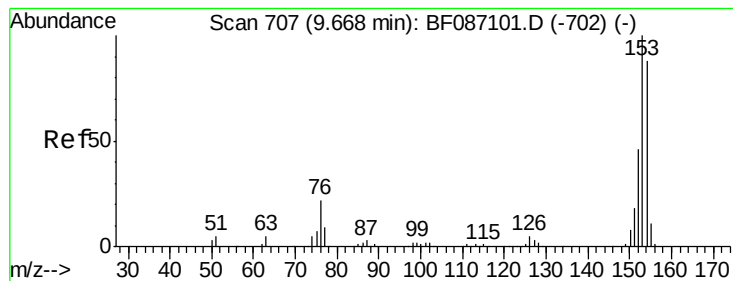


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.49 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.03 min

Lab File: BF087183.D

Acq: 19 May 2016 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

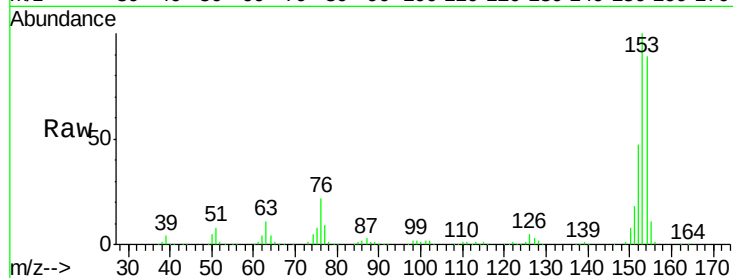
Tot Ion:154 Resp: 550586

Ion Ratio Lower Upper

154 100

153 112.7 89.8 134.6

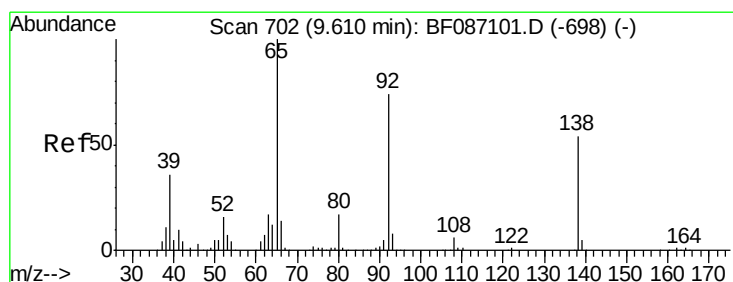
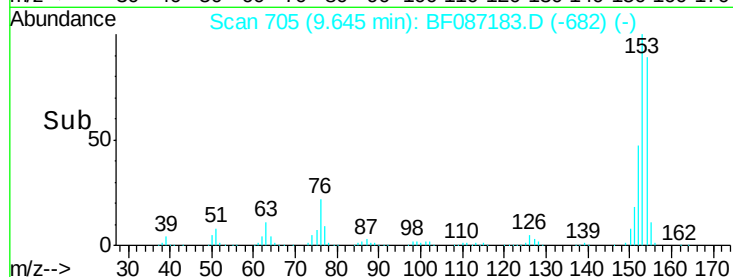
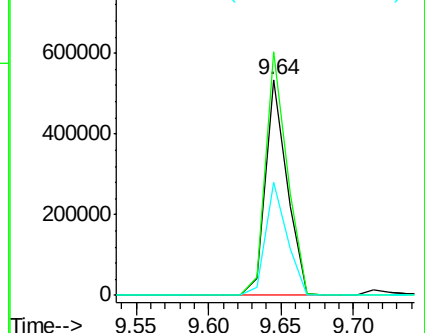
152 52.5 43.4 65.0



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: 39.97 ng

RT: 9.60 min Scan# 701

Delta R.T. -0.03 min

Lab File: BF087183.D

Acq: 19 May 2016 11:04

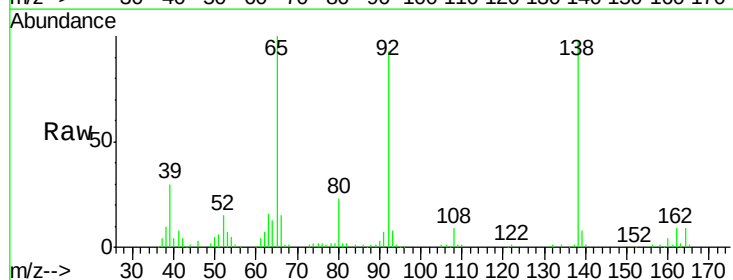
Tgt Ion:138 Resp: 173300

Ion Ratio Lower Upper

138 100

108 9.1 7.8 11.6

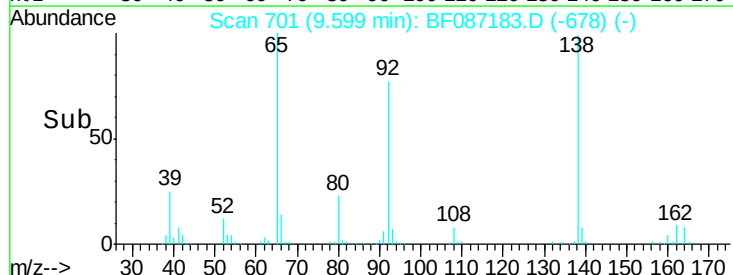
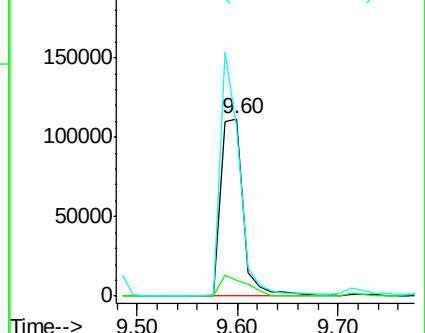
92 95.4 87.8 131.8

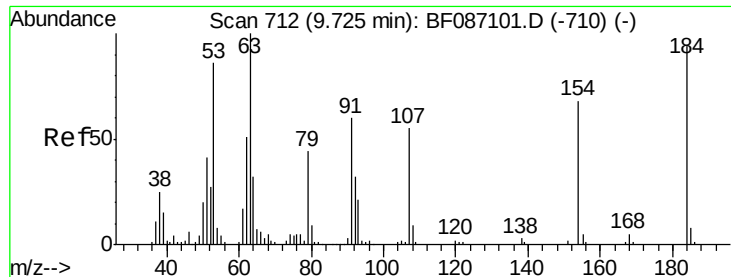


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

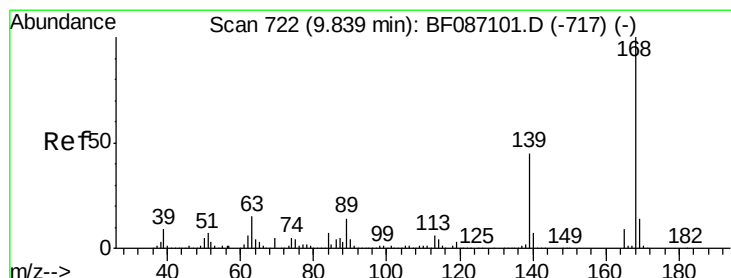
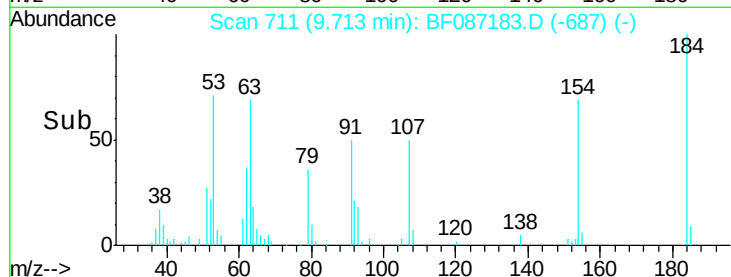
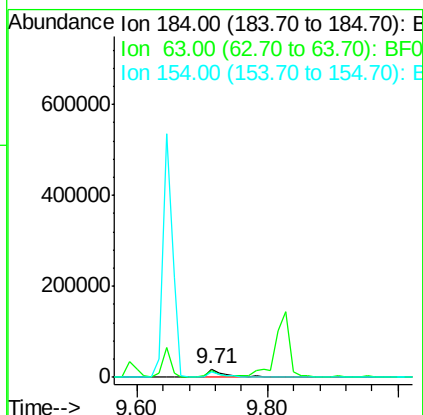
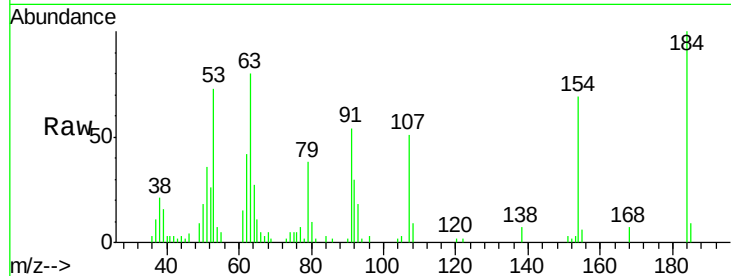




#53
 2,4-Dinitrophenol
 Concen: 18.92 ng
 RT: 9.71 min Scan# 711
 Delta R.T. -0.02 min
 Lab File: BF087183.D
 Acq: 19 May 2016 11:04

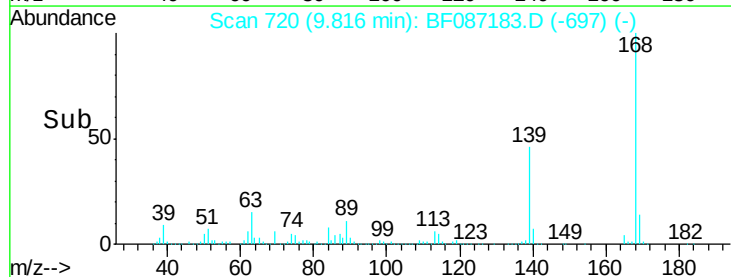
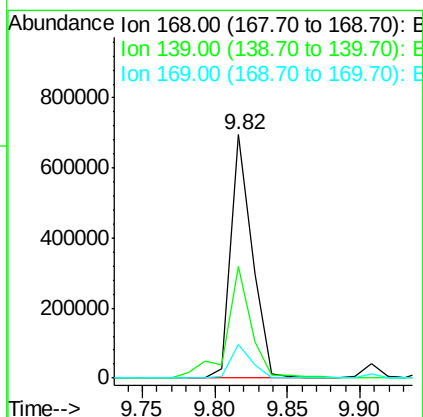
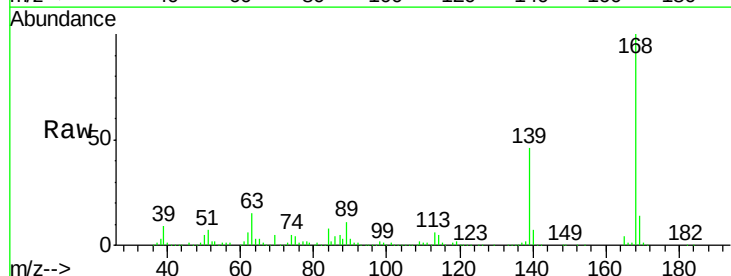
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

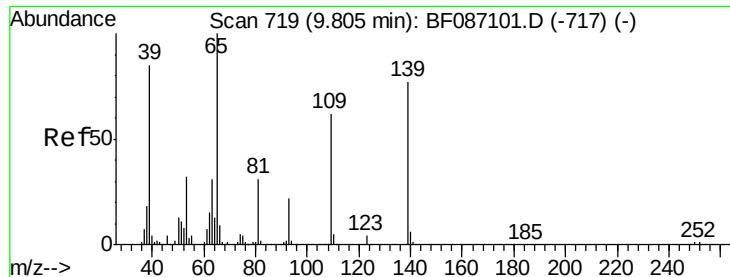
Tot Ion:184 Resp: 34605
 Ion Ratio Lower Upper
 184 100
 63 80.4 55.8 83.8
 154 69.3 62.4 93.6



#54
 Dibenzofuran
 Concen: 37.59 ng
 RT: 9.82 min Scan# 720
 Delta R.T. -0.03 min
 Lab File: BF087183.D
 Acq: 19 May 2016 11:04

Tgt Ion:168 Resp: 713854
 Ion Ratio Lower Upper
 168 100
 139 46.1 31.4 47.0
 169 13.9 10.7 16.1

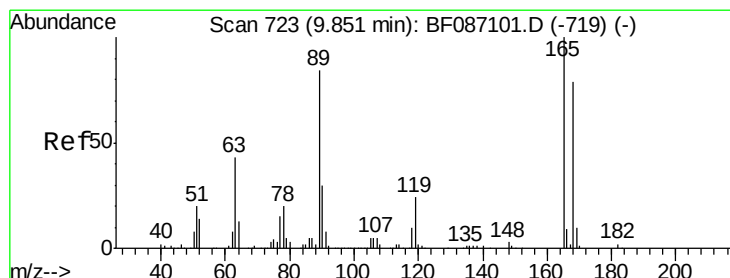
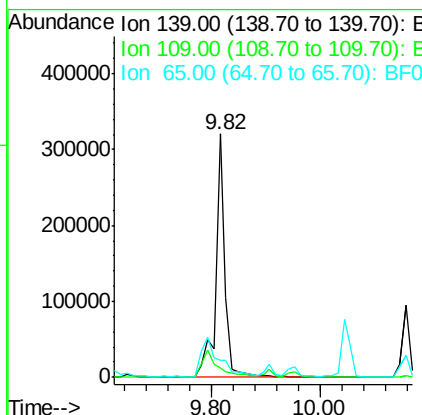
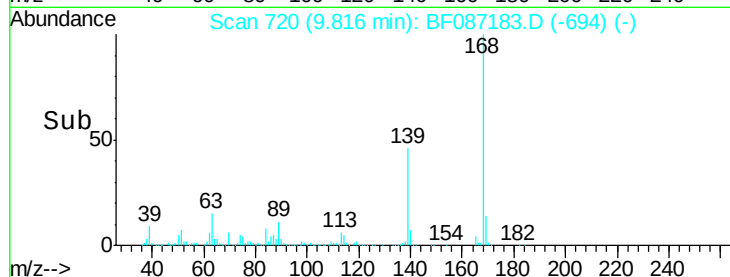
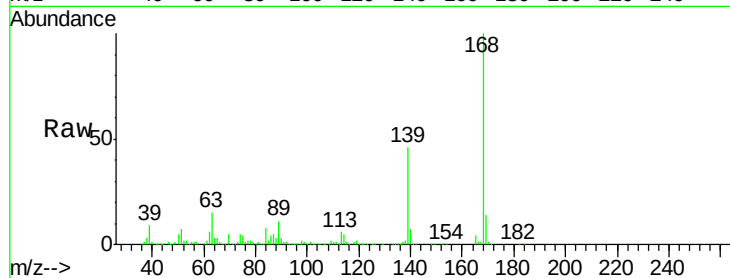




#55
4-Nitrophenol
Concen: 102.23 ng
RT: 9.82 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF087183.D
Acq: 19 May 2016 11:04

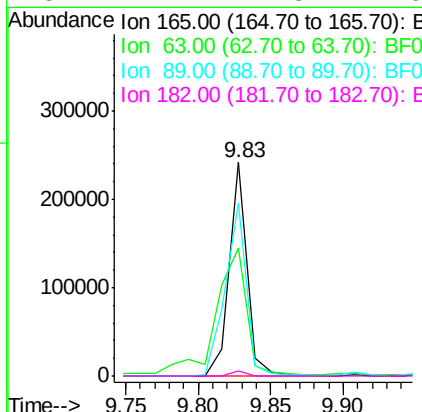
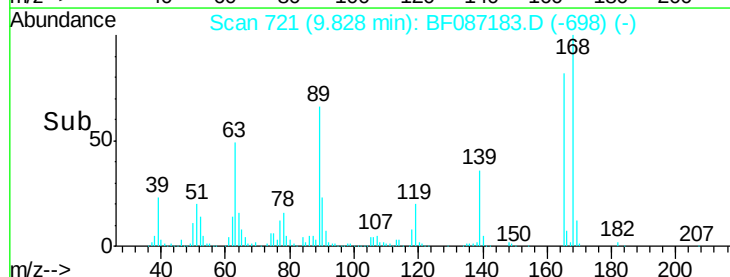
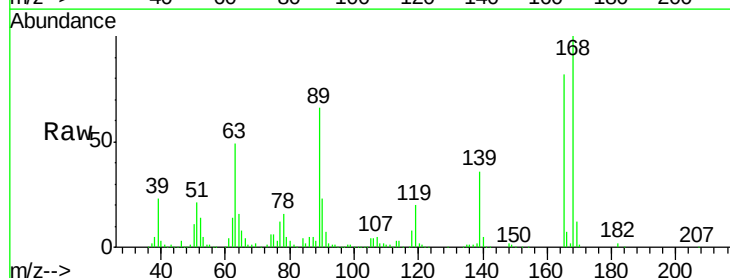
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

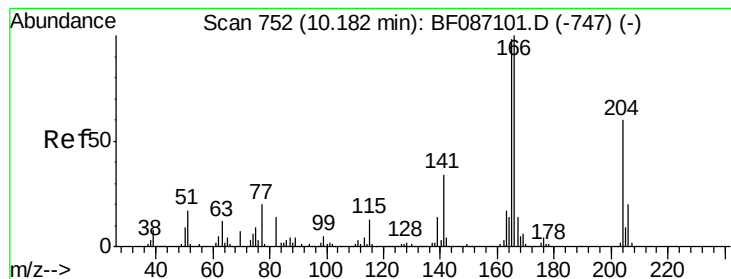
Tot Ion:139 Resp: 392072
Ion Ratio Lower Upper
139 100
109 3.7 36.9 76.9#
65 7.0 64.0 104.0#



#56
2,4-Dinitrotoluene
Concen: 40.30 ng
RT: 9.83 min Scan# 721
Delta R.T. -0.03 min
Lab File: BF087183.D
Acq: 19 May 2016 11:04

Tgt Ion:165 Resp: 206724
Ion Ratio Lower Upper
165 100
63 60.0 44.3 66.5
89 81.0 70.0 105.0
182 2.4 1.8 2.6





#57

Fluorene

Concen: 37.10 ng

RT: 10.16 min Scan# 750

Delta R.T. -0.03 min

Lab File: BF087183.D

Acq: 19 May 2016 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

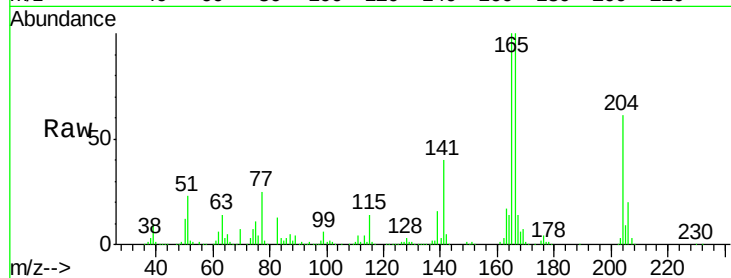
Tot Ion:166 Resp: 566087

Ion Ratio Lower Upper

166 100

165 100.1 79.0 118.6

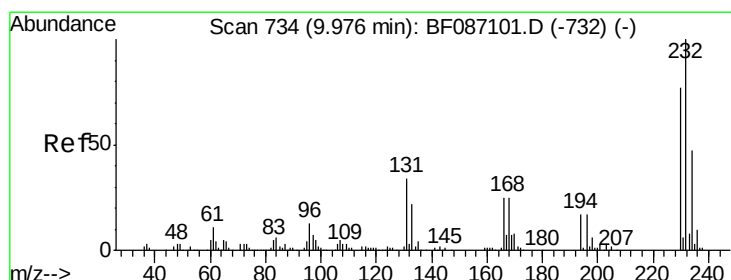
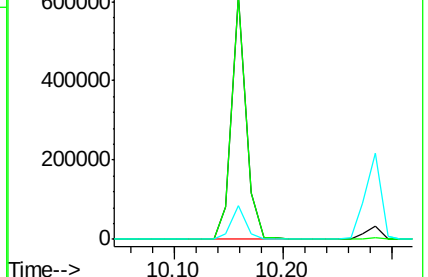
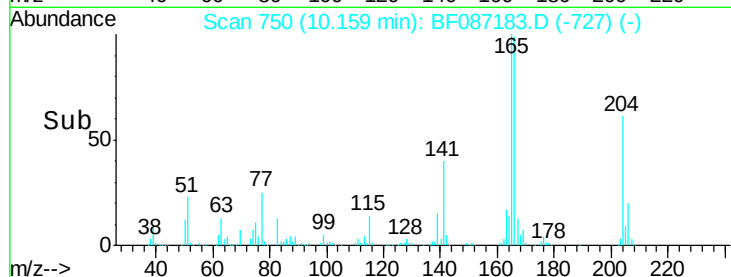
167 13.7 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.56 ng

RT: 9.95 min Scan# 732

Delta R.T. -0.03 min

Lab File: BF087183.D

Acq: 19 May 2016 11:04

Tgt Ion:232 Resp: 142920

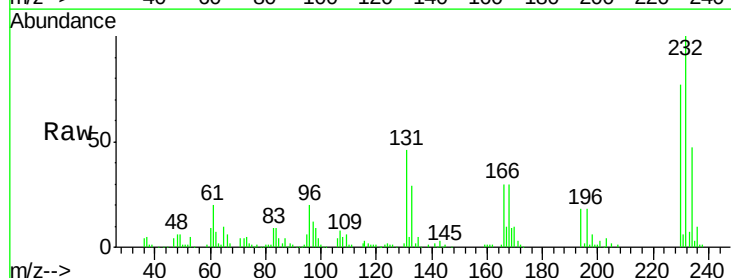
Ion Ratio Lower Upper

232 100

131 51.7 41.9 62.9

130 2.5 2.2 3.4

166 30.5 26.8 40.2

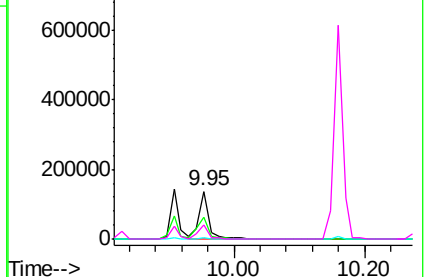
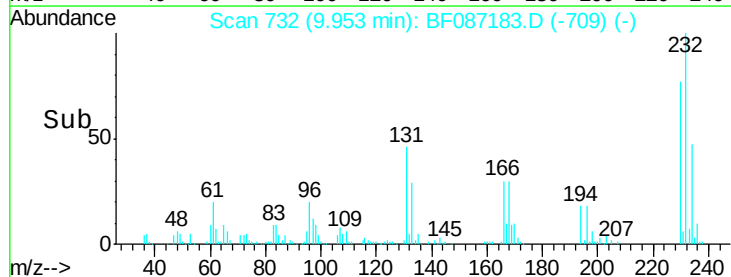


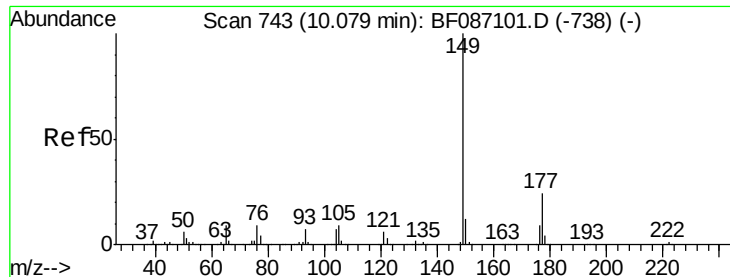
Abundance Ion 232.00 (231.70 to 232.70): E

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

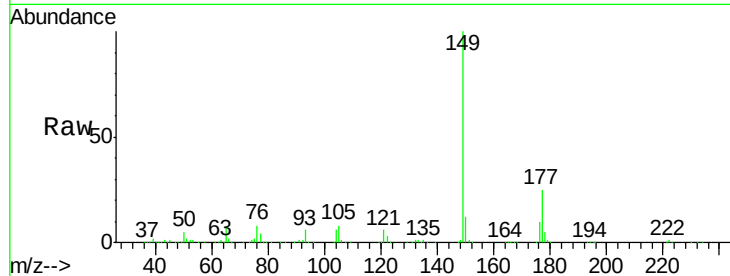




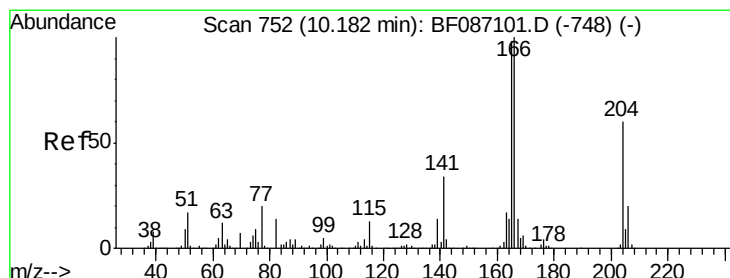
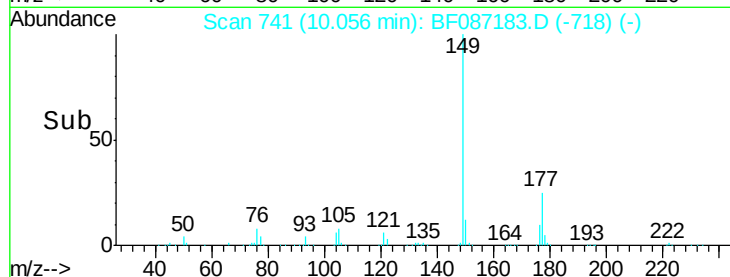
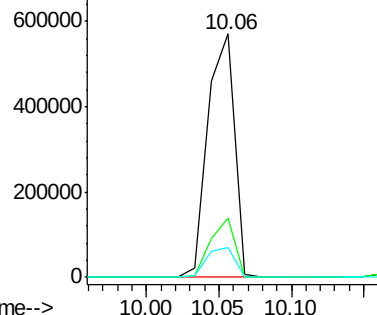
#59
Diethylphthalate
Concen: 41.37 ng
RT: 10.06 min Scan# 741
Delta R.T. -0.03 min
Lab File: BF087183.D
Acq: 19 May 2016 11:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:149 Resp: 728573
Ion Ratio Lower Upper
149 100
177 24.6 16.6 24.8
150 12.2 10.0 15.0

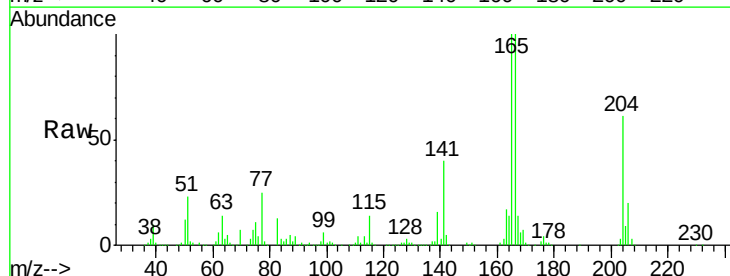


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

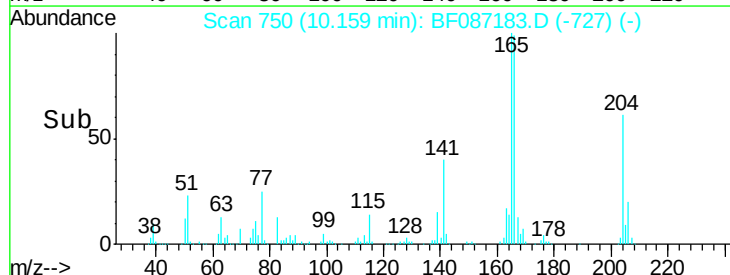
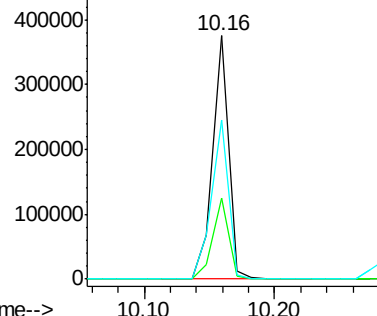


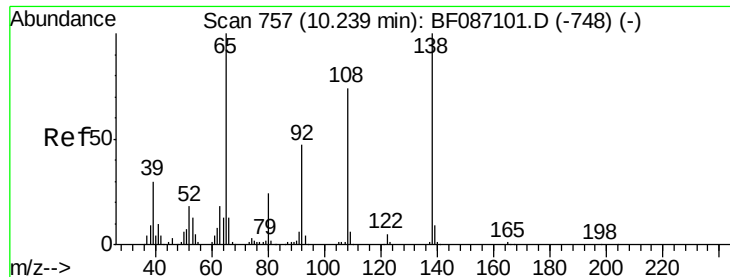
#60
4-Chlorophenyl-phenylether
Concen: 43.62 ng
RT: 10.16 min Scan# 750
Delta R.T. -0.03 min
Lab File: BF087183.D
Acq: 19 May 2016 11:04

Tgt Ion:204 Resp: 315426
Ion Ratio Lower Upper
204 100
206 33.2 25.4 38.0
141 65.3 61.6 92.4



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: 36.38 ng

RT: 10.20 min Scan# 754

Delta R.T. -0.05 min

Lab File: BF087183.D

Acq: 19 May 2016 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

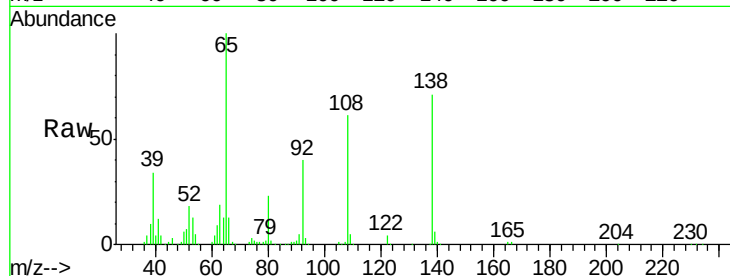
Tot Ion:138 Resp: 155738

Ion Ratio Lower Upper

138 100

92 56.5 24.7 64.7

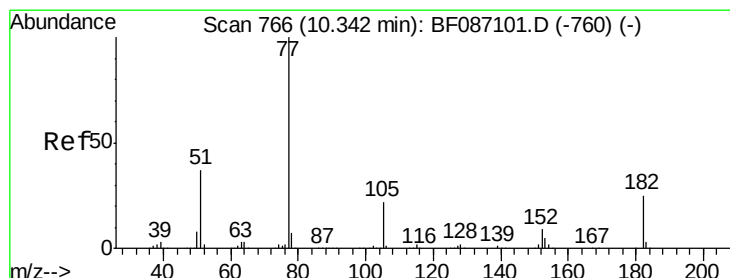
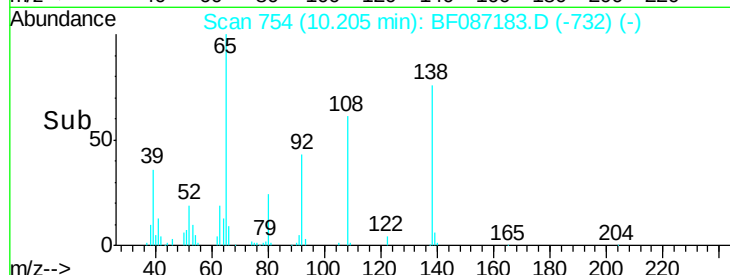
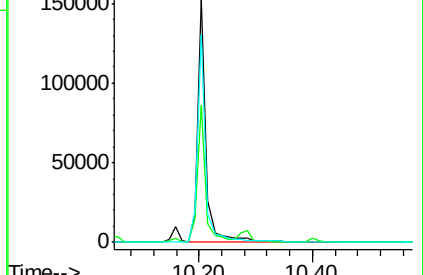
108 85.4 37.4 77.4#



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: 40.70 ng

RT: 10.32 min Scan# 764

Delta R.T. -0.03 min

Lab File: BF087183.D

Acq: 19 May 2016 11:04

Tgt Ion: 77 Resp: 825911

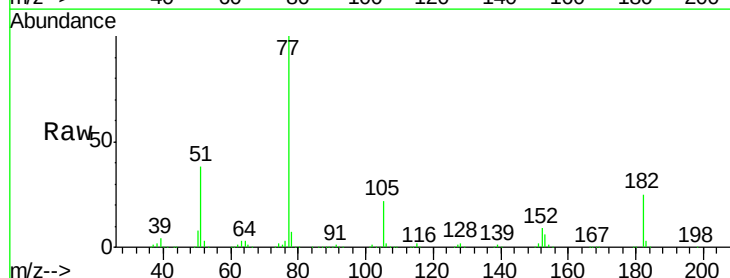
Ion Ratio Lower Upper

77 100

182 25.4 0.0 38.8

105 22.1 3.2 43.2

51 38.4 8.8 48.8

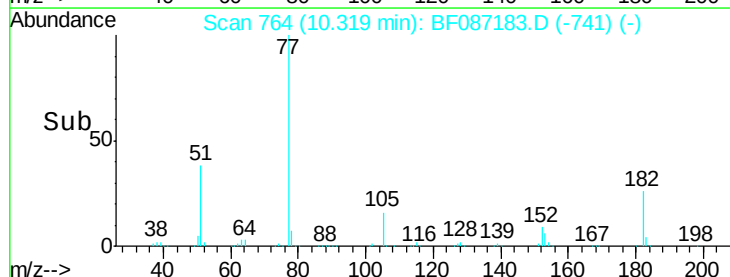
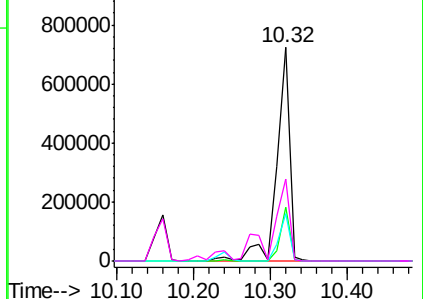


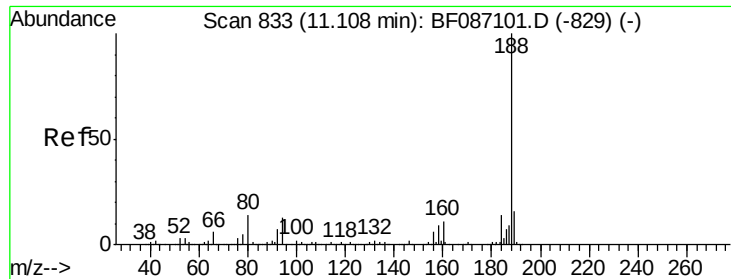
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

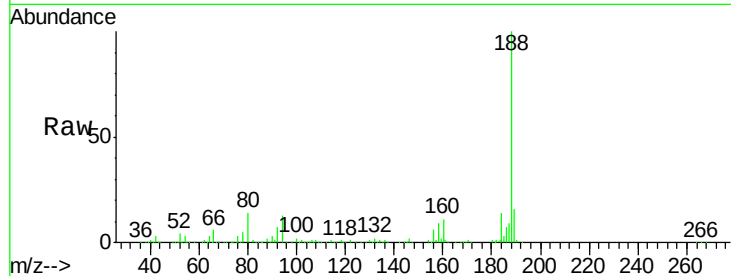




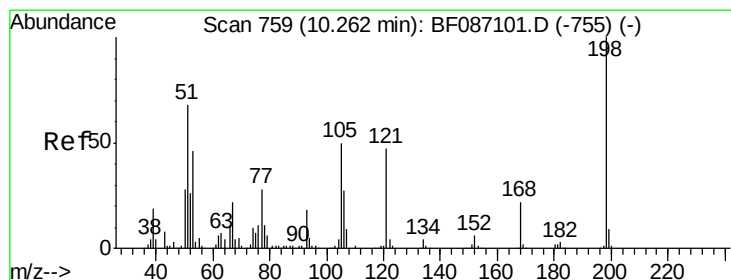
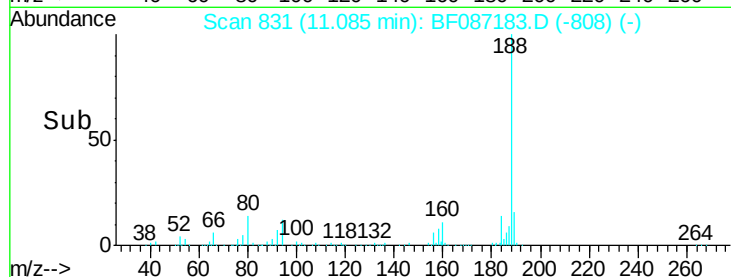
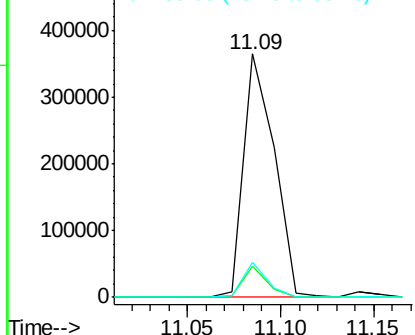
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.09 min Scan# 831
Delta R.T. -0.03 min
Lab File: BF087183.D
Acq: 19 May 2016 11:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:188 Resp: 416805
Ion Ratio Lower Upper
188 100
94 12.8 6.8 10.2#
80 14.3 7.1 10.7#

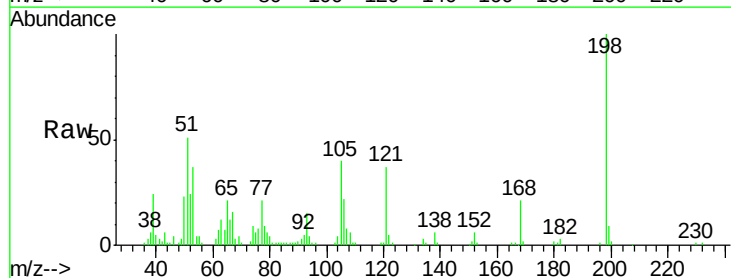


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

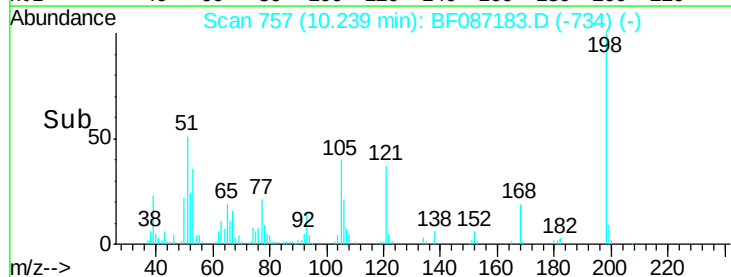
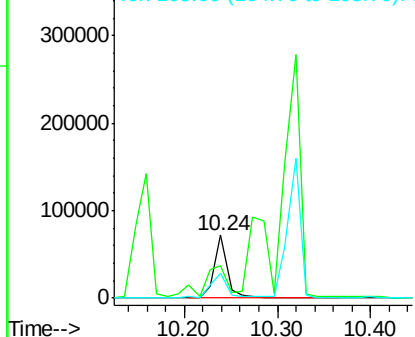


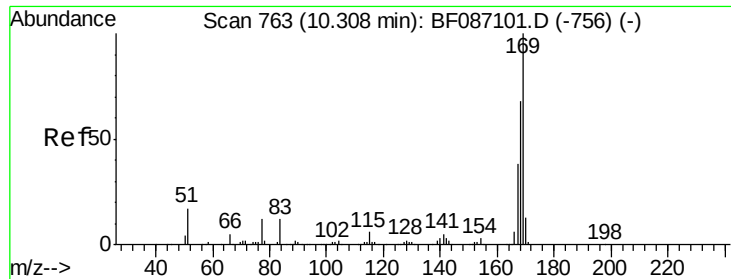
#64
4,6-Dinitro-2-methylphenol
Concen: 25.78 ng
RT: 10.24 min Scan# 757
Delta R.T. -0.03 min
Lab File: BF087183.D
Acq: 19 May 2016 11:04

Tgt Ion:198 Resp: 70773
Ion Ratio Lower Upper
198 100
51 51.3 20.5 60.5
105 40.4 24.5 64.5



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

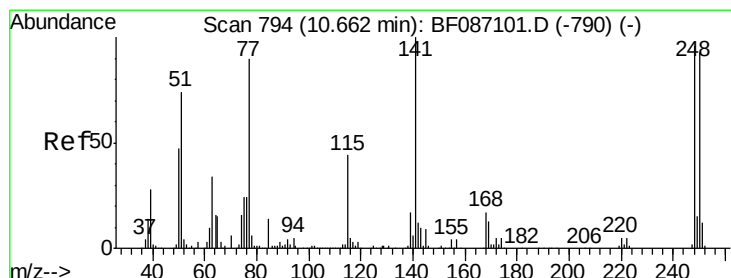
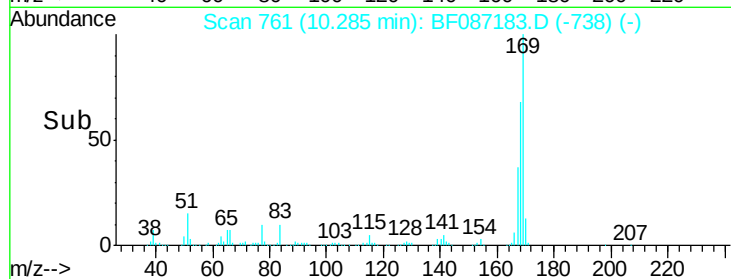
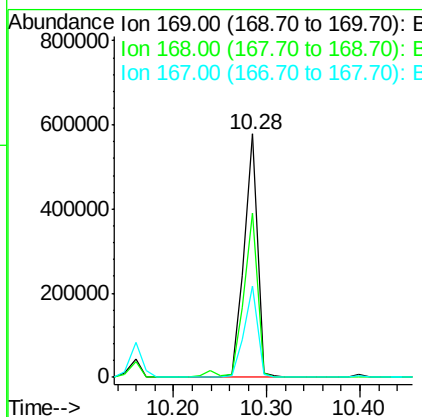
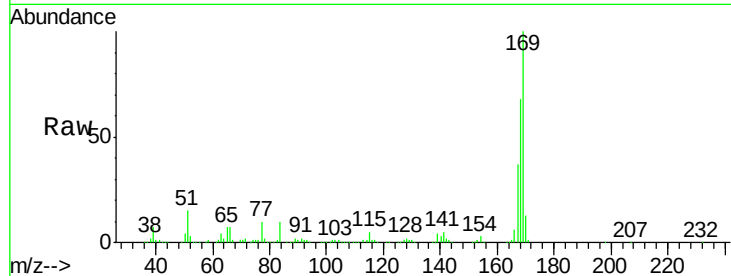




#65
 n-Nitrosodiphenylamine
 Concen: 44.44 ng
 RT: 10.28 min Scan# 761
 Delta R.T. -0.03 min
 Lab File: BF087183.D
 Acq: 19 May 2016 11:04

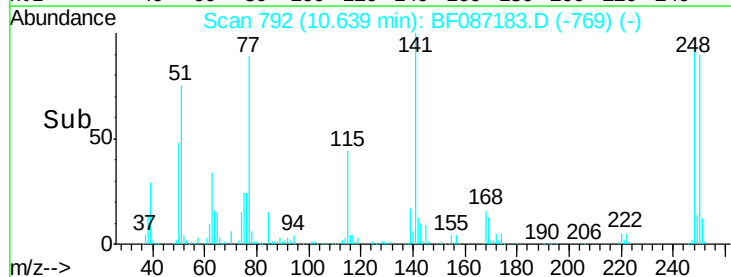
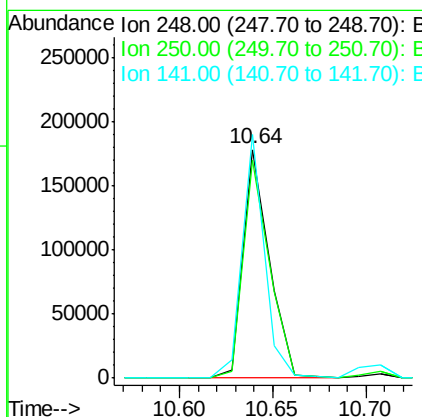
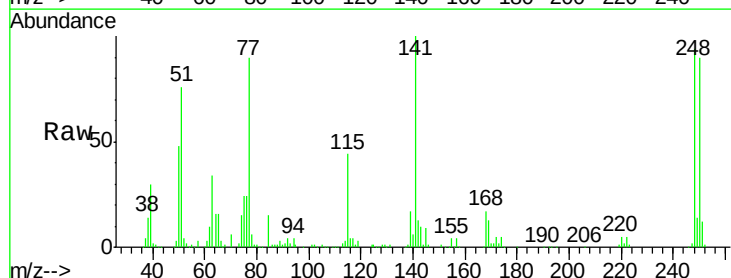
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

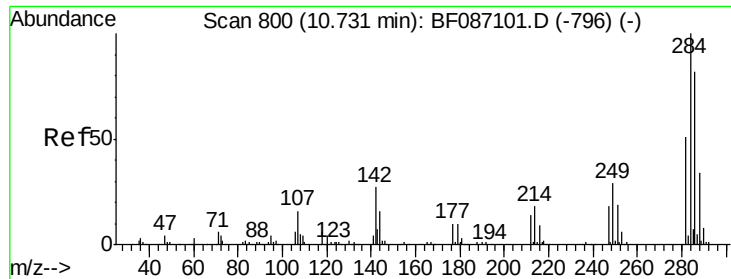
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.7	53.8	80.6
167	37.4	29.5	44.3



#66
 4-Bromophenyl-phenylether
 Concen: 40.96 ng
 RT: 10.64 min Scan# 792
 Delta R.T. -0.03 min
 Lab File: BF087183.D
 Acq: 19 May 2016 11:04

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.8	78.6	117.8
141	106.7	76.0	114.0

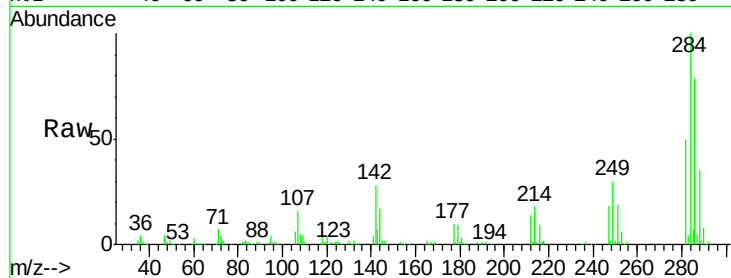




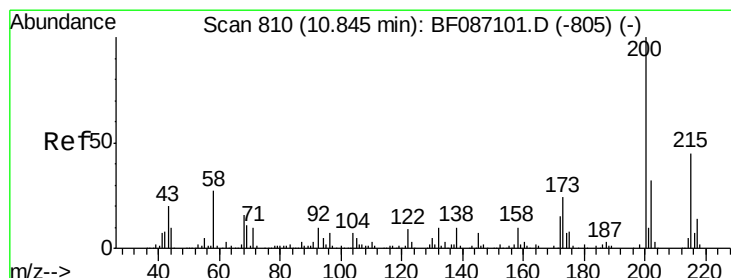
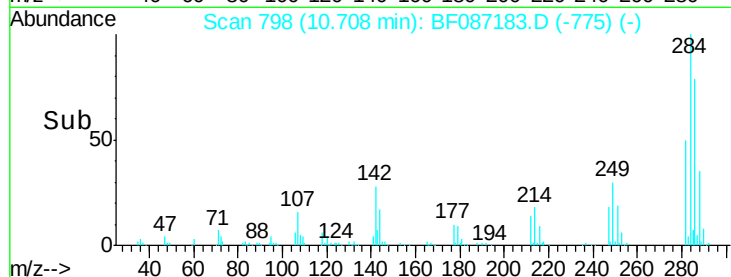
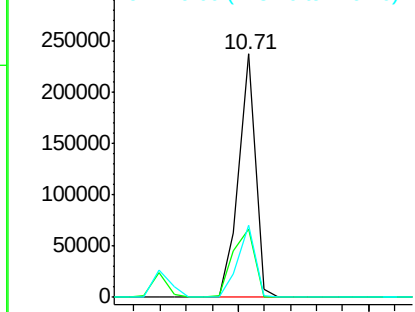
#67
Hexachlorobenzene
Concen: 42.67 ng
RT: 10.71 min Scan# 798
Delta R.T. -0.03 min
Lab File: BF087183.D
Acq: 19 May 2016 11:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:284 Resp: 212070
Ion Ratio Lower Upper
284 100
142 28.2 16.7 25.1#
249 29.7 21.3 31.9

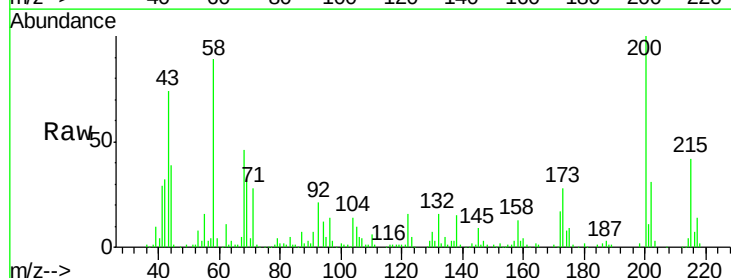


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

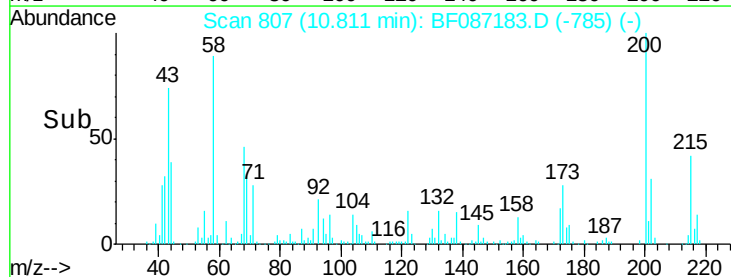
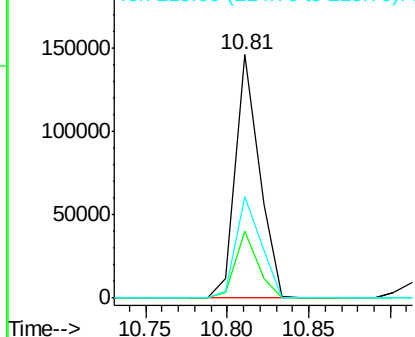


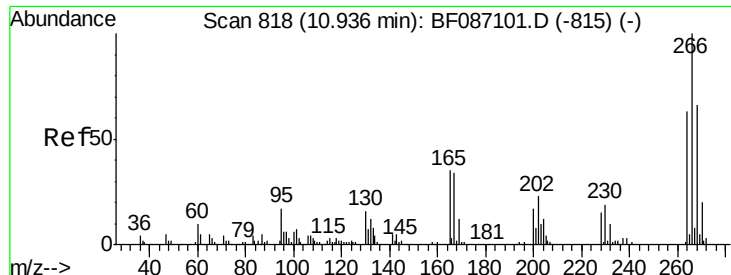
#68
Atrazine
Concen: 34.54 ng
RT: 10.81 min Scan# 807
Delta R.T. -0.05 min
Lab File: BF087183.D
Acq: 19 May 2016 11:04

Tgt Ion:200 Resp: 147770
Ion Ratio Lower Upper
200 100
173 27.8 8.5 48.5
215 41.7 27.2 67.2



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

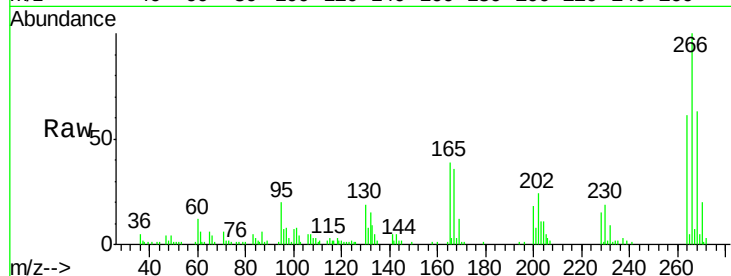




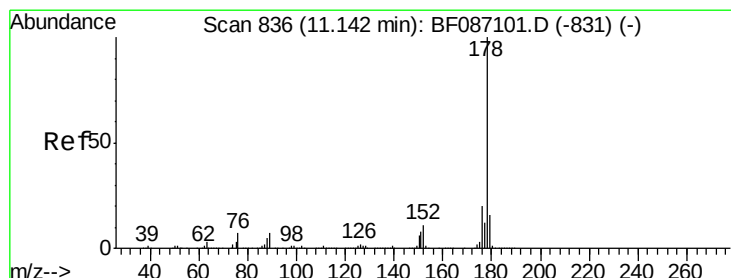
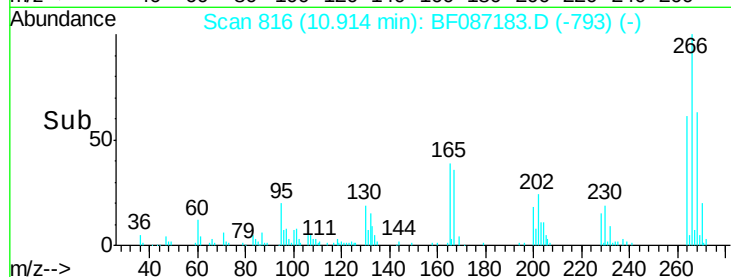
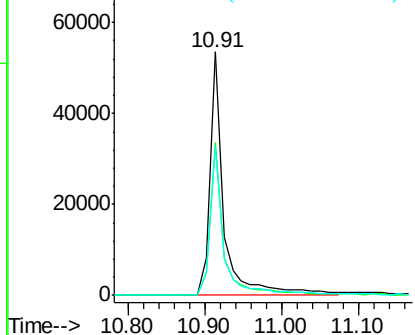
#69
 Pentachlorophenol
 Concen: 35.89 ng
 RT: 10.91 min Scan# 816
 Delta R.T. -0.03 min
 Lab File: BF087183.D
 Acq: 19 May 2016 11:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:266 Resp: 67008
 Ion Ratio Lower Upper
 266 100
 268 62.9 51.5 77.3
 264 61.1 52.9 79.3

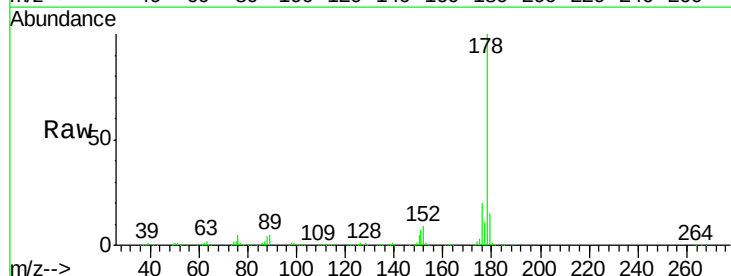


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

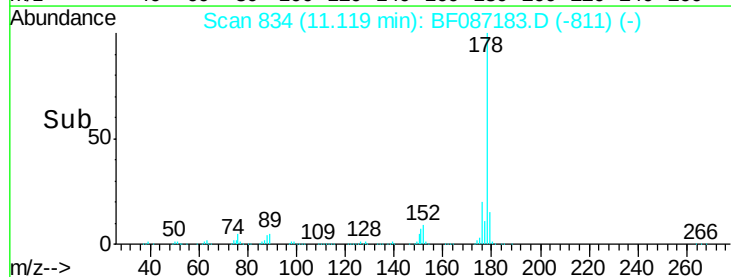
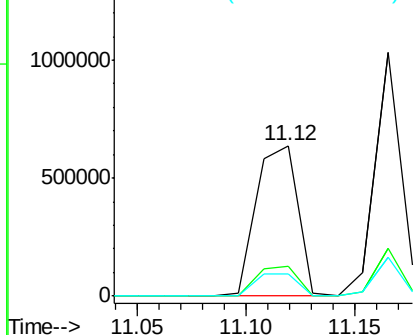


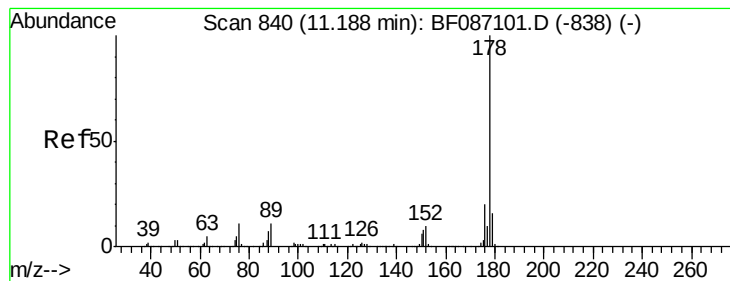
#70
 Phenanthrene
 Concen: 37.78 ng
 RT: 11.12 min Scan# 834
 Delta R.T. -0.03 min
 Lab File: BF087183.D
 Acq: 19 May 2016 11:04

Tgt Ion:178 Resp: 854014
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.0 24.0
 179 15.1 12.6 18.8



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





#71

Anthracene

Concen: 38.82 ng

RT: 11.17 min Scan# 838

Delta R.T. -0.03 min

Lab File: BF087183.D

Acq: 19 May 2016 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

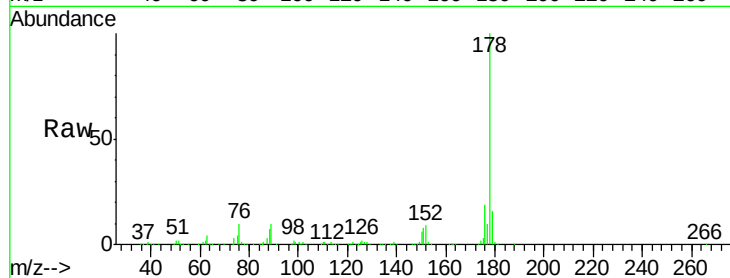
Tot Ion:178 Resp: 887552

Ion Ratio Lower Upper

178 100

176 19.4 15.6 23.4

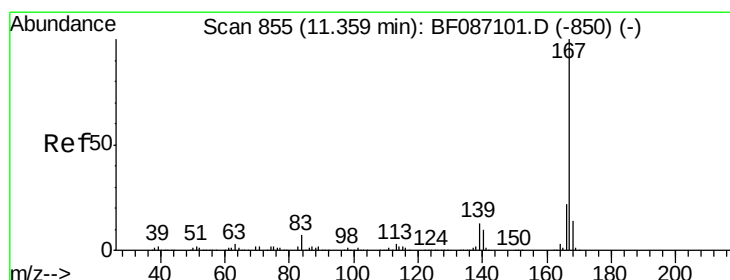
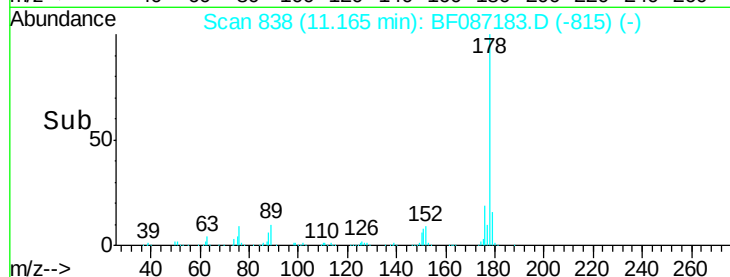
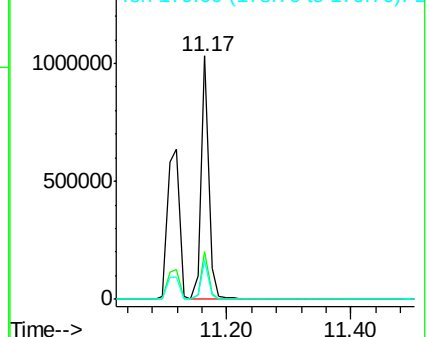
179 15.8 12.7 19.1



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: 36.06 ng

RT: 11.34 min Scan# 853

Delta R.T. -0.03 min

Lab File: BF087183.D

Acq: 19 May 2016 11:04

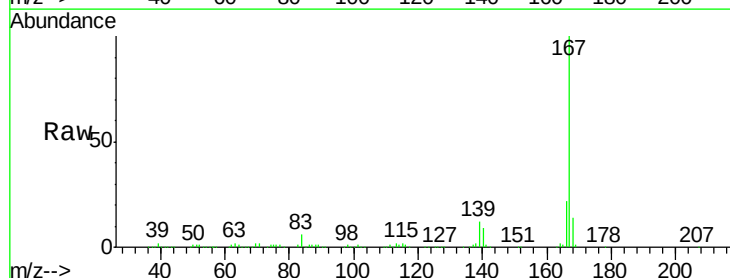
Tgt Ion:167 Resp: 753083

Ion Ratio Lower Upper

167 100

166 22.0 17.7 26.5

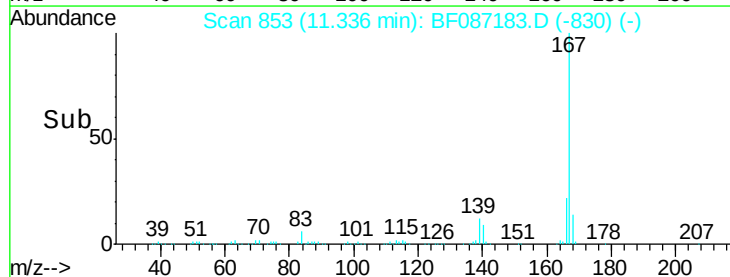
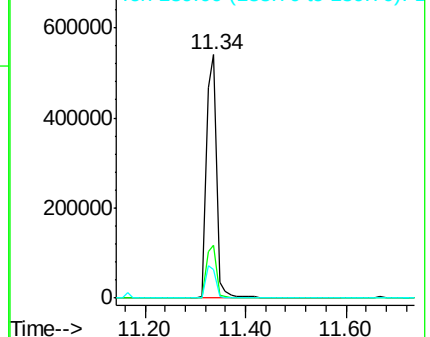
139 11.9 10.8 16.2

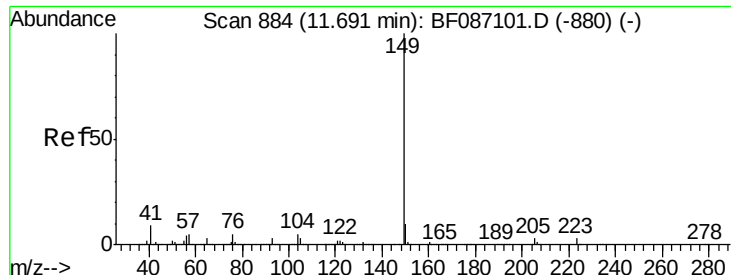


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 47.58 ng

RT: 11.67 min Scan# 882

Delta R.T. -0.03 min

Lab File: BF087183.D

Acq: 19 May 2016 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

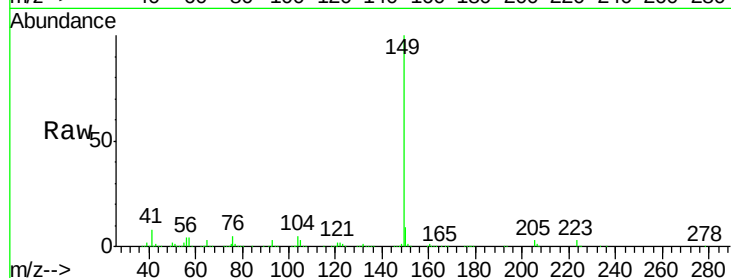
Tot Ion:149 Resp: 1141546

Ion Ratio Lower Upper

149 100

150 9.2 7.6 11.4

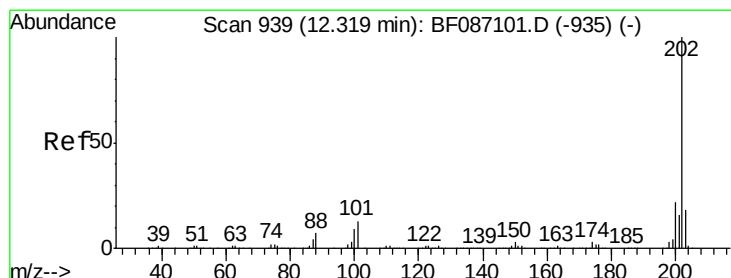
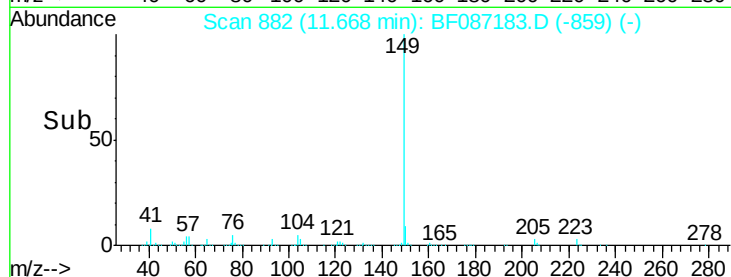
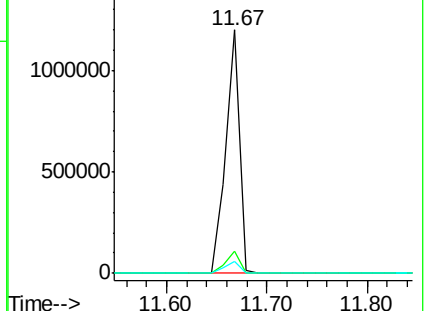
104 5.1 3.8 5.6



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: 35.18 ng

RT: 12.30 min Scan# 937

Delta R.T. -0.03 min

Lab File: BF087183.D

Acq: 19 May 2016 11:04

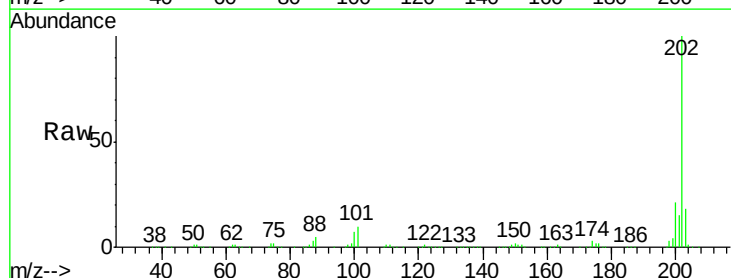
Tgt Ion:202 Resp: 796791

Ion Ratio Lower Upper

202 100

101 9.8 0.0 35.4

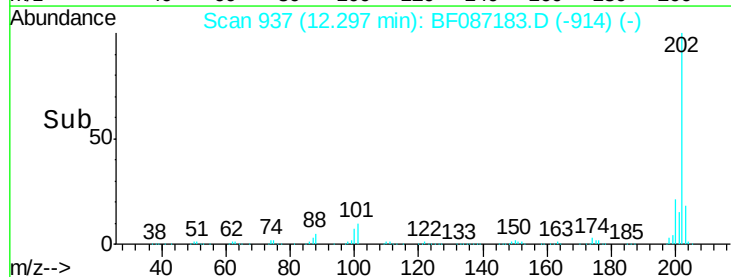
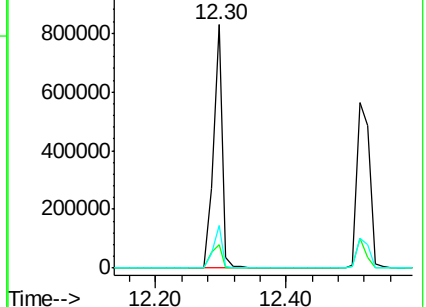
203 17.5 0.0 38.1

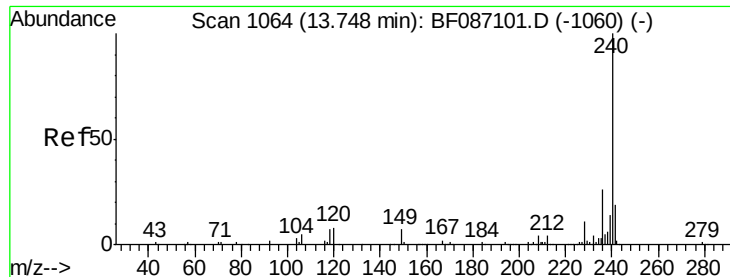


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.71 min Scan# 1061

Delta R.T. -0.05 min

Lab File: BF087183.D

Acq: 19 May 2016 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

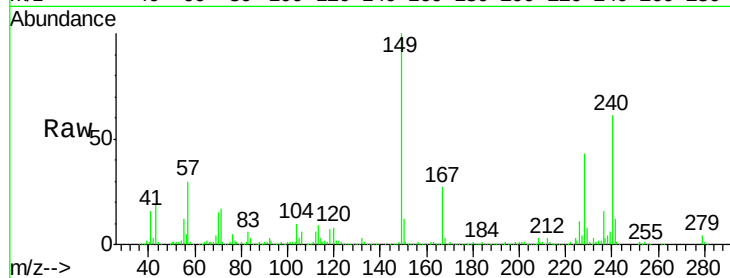
Tot Ion:240 Resp: 263363

Ion Ratio Lower Upper

240 100

120 13.4 11.2 16.8

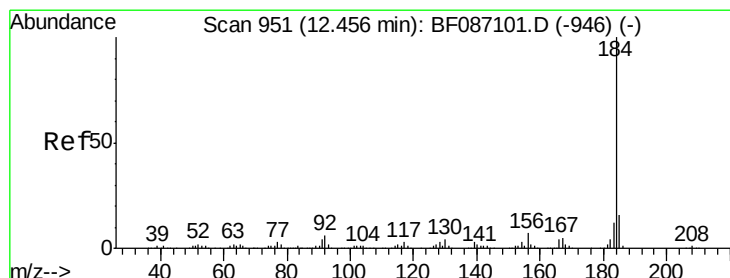
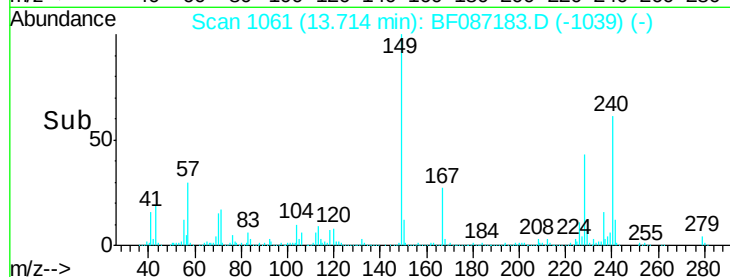
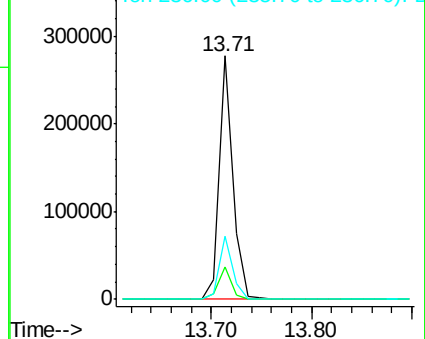
236 26.1 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 38.14 ng

RT: 12.43 min Scan# 949

Delta R.T. -0.03 min

Lab File: BF087183.D

Acq: 19 May 2016 11:04

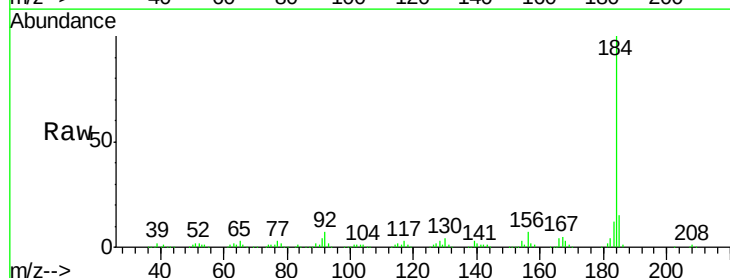
Tgt Ion:184 Resp: 287460

Ion Ratio Lower Upper

184 100

185 15.3 13.6 20.4

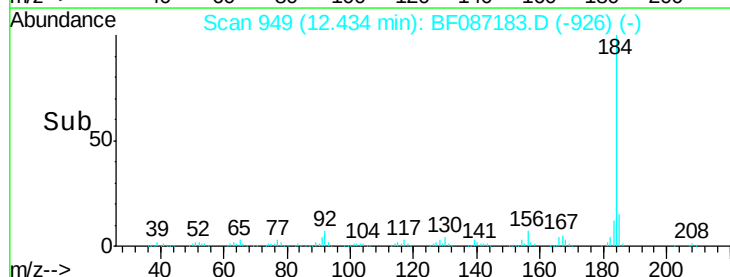
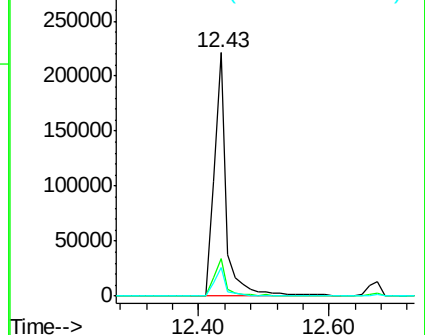
183 11.6 9.8 14.6

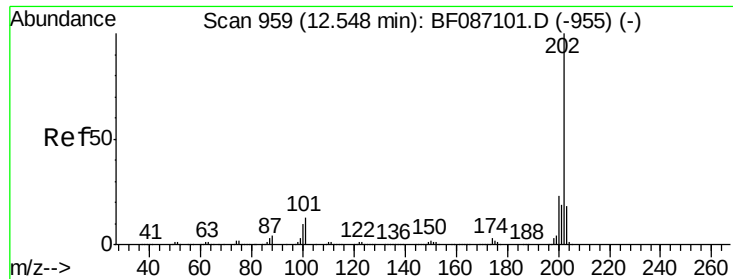


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 39.22 ng

RT: 12.51 min Scan# 956

Delta R.T. -0.05 min

Lab File: BF087183.D

Acq: 19 May 2016 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

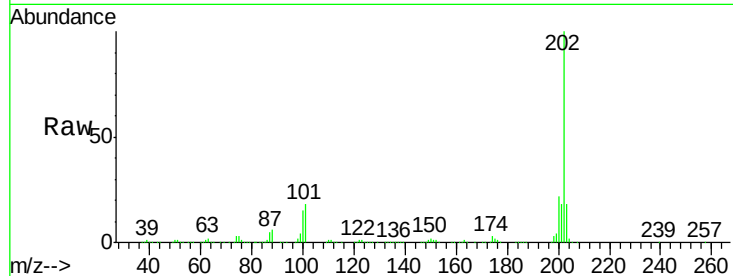
Tot Ion:202 Resp: 746260

Ion Ratio Lower Upper

202 100

200 21.7 17.7 26.5

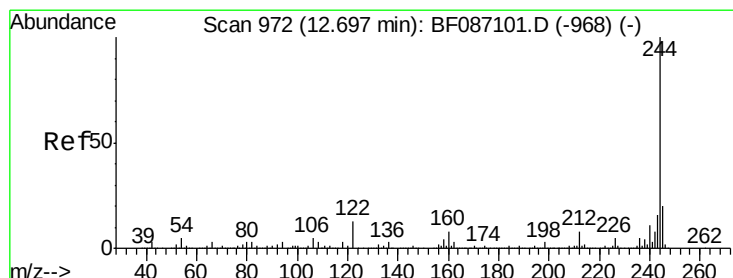
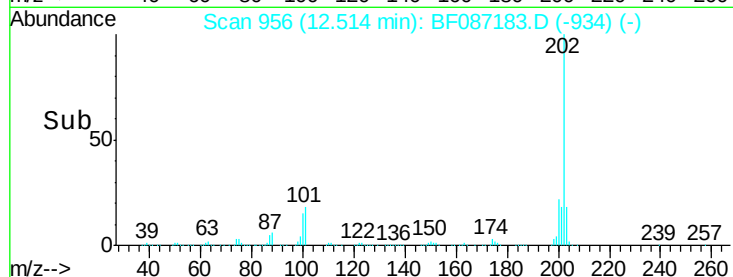
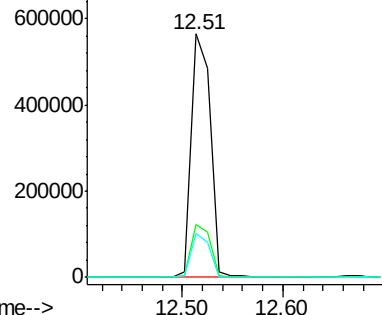
203 18.1 14.2 21.4



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: 87.31 ng

RT: 12.67 min Scan# 970

Delta R.T. -0.03 min

Lab File: BF087183.D

Acq: 19 May 2016 11:04

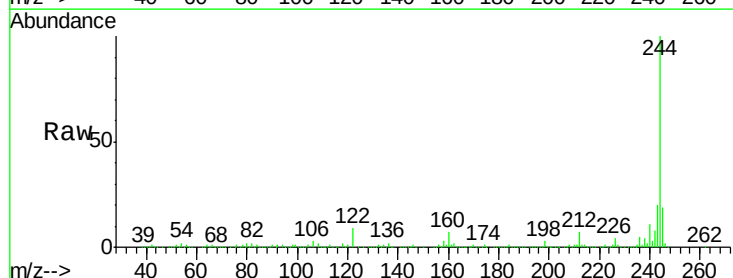
Tgt Ion:244 Resp: 1016541

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

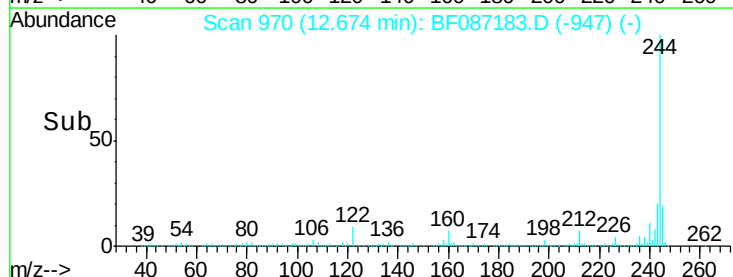
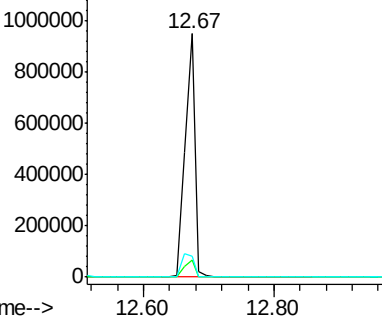
122 8.7 12.0 18.0#

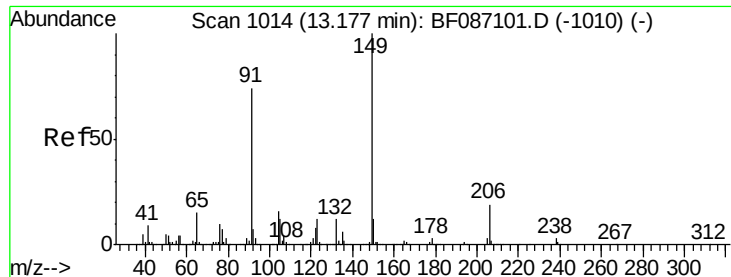


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 45.00 ng

RT: 13.15 min Scan# 1012

Delta R.T. -0.03 min

Lab File: BF087183.D

Acq: 19 May 2016 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

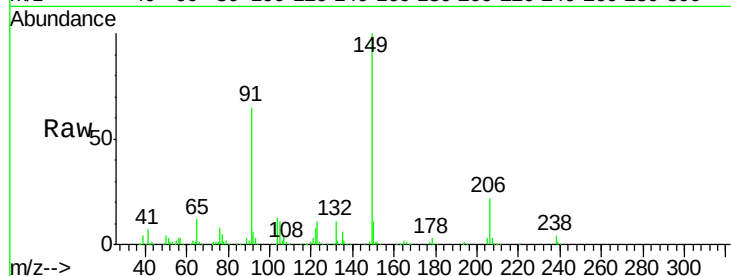
Tot Ion:149 Resp: 361394

Ion Ratio Lower Upper

149 100

91 64.7 48.0 72.0

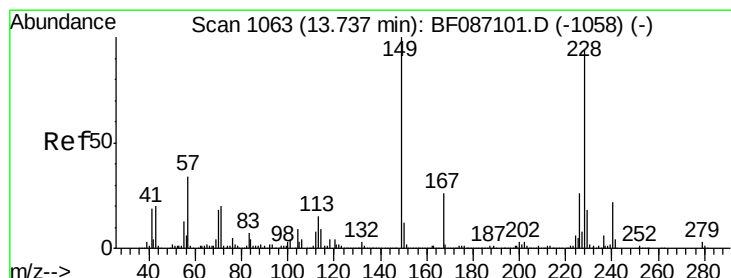
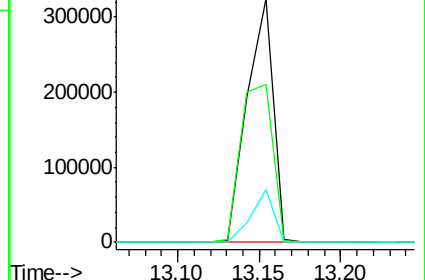
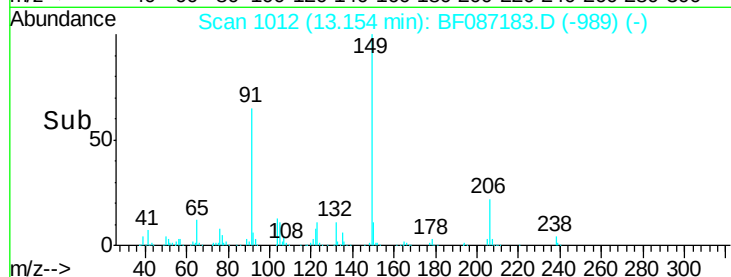
206 21.5 15.8 23.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 38.39 ng

RT: 13.70 min Scan# 1060

Delta R.T. -0.05 min

Lab File: BF087183.D

Acq: 19 May 2016 11:04

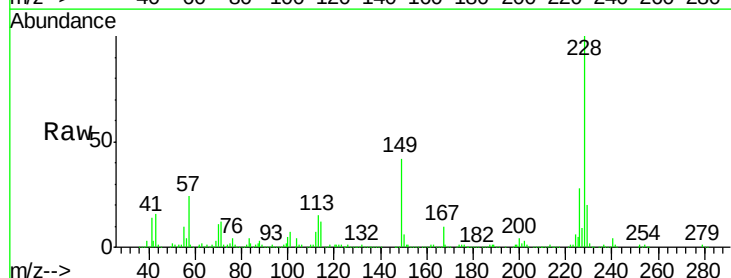
Tgt Ion:228 Resp: 584642

Ion Ratio Lower Upper

228 100

226 27.6 22.5 33.7

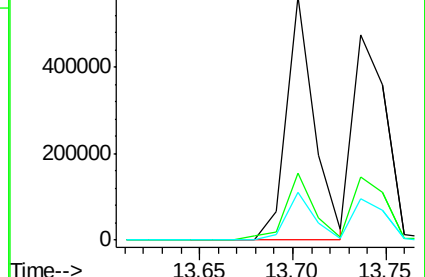
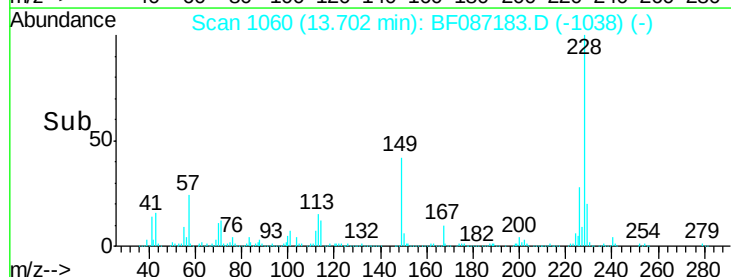
229 19.7 16.6 25.0

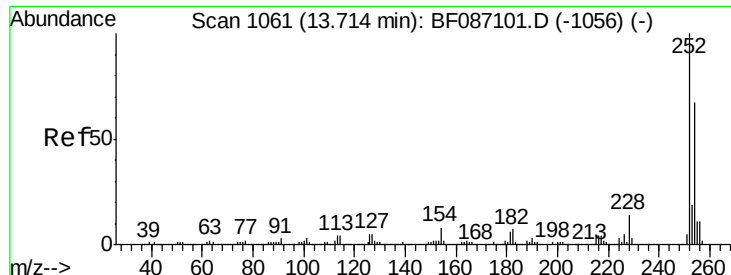


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

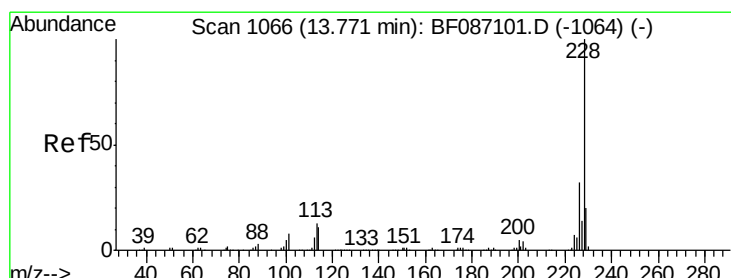
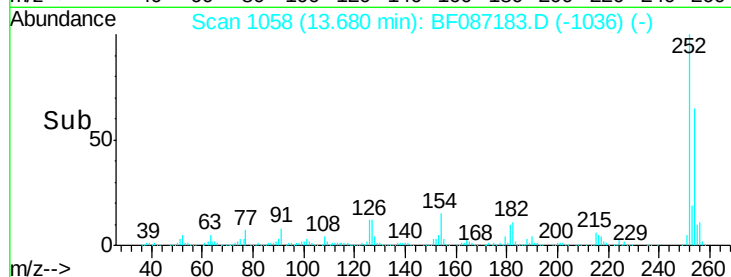
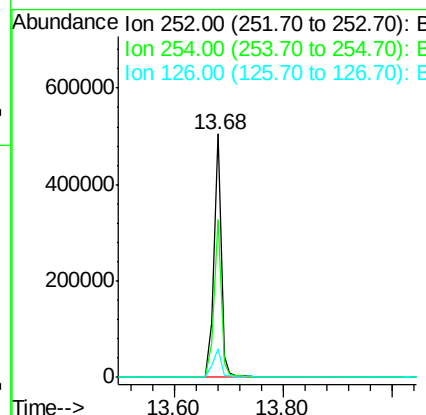
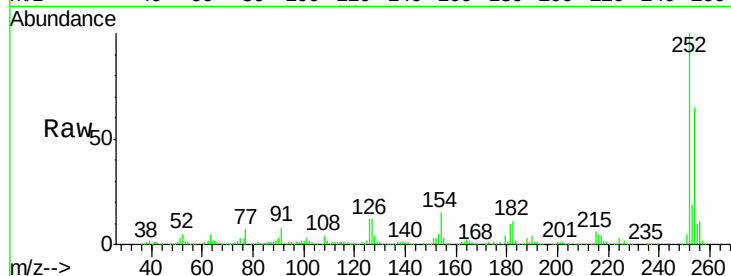




#81
 3,3'-Dichlorobenzidine
 Concen: 48.90 ng
 RT: 13.68 min Scan# 1058
 Delta R.T. -0.05 min
 Lab File: BF087183.D
 Acq: 19 May 2016 11:04

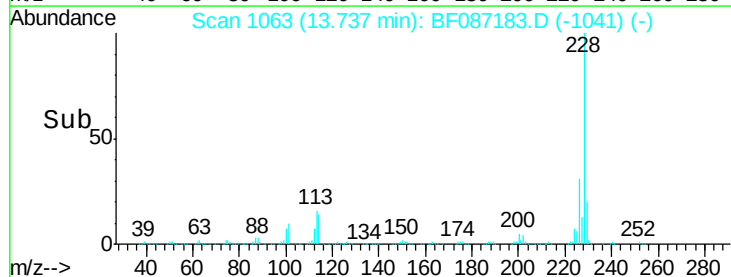
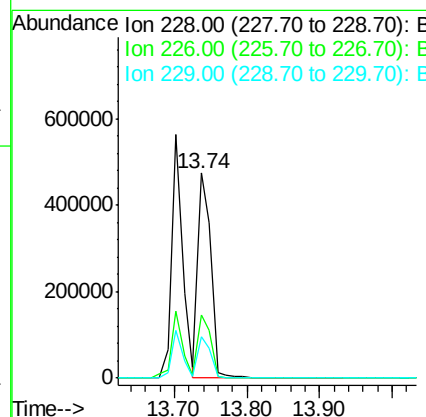
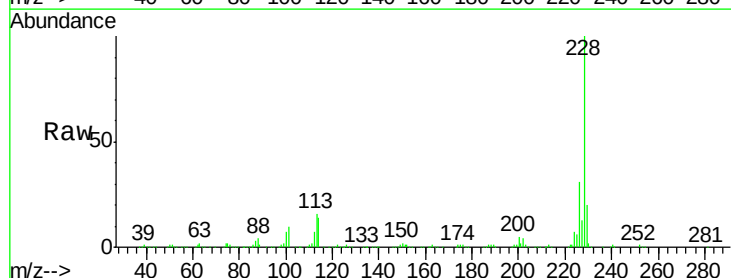
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

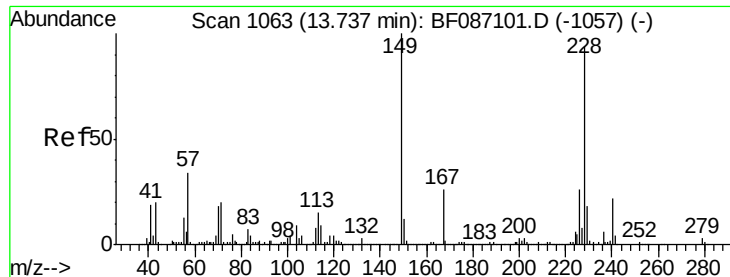
Tot Ion:252 Resp: 473861
 Ion Ratio Lower Upper
 252 100
 254 64.7 50.7 76.1
 126 11.9 12.7 19.1#



#82
 Chrysene
 Concen: 40.47 ng
 RT: 13.74 min Scan# 1063
 Delta R.T. -0.05 min
 Lab File: BF087183.D
 Acq: 19 May 2016 11:04

Tgt Ion:228 Resp: 596204
 Ion Ratio Lower Upper
 228 100
 226 31.0 24.4 36.6
 229 20.0 15.8 23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 50.10 ng

RT: 13.71 min Scan# 1061

Delta R.T. -0.03 min

Lab File: BF087183.D

Acq: 19 May 2016 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

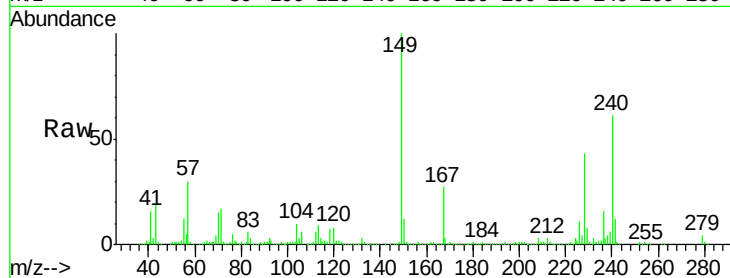
Tot Ion:149 Resp: 489717

Ion Ratio Lower Upper

149 100

167 26.7 21.8 32.6

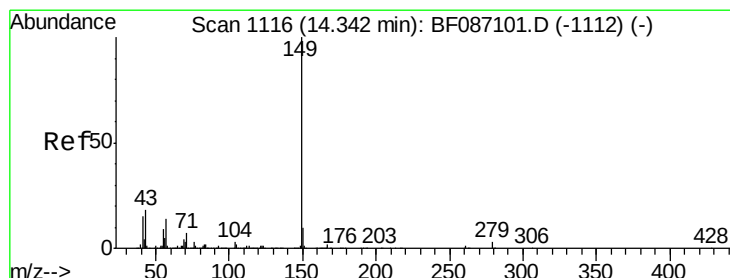
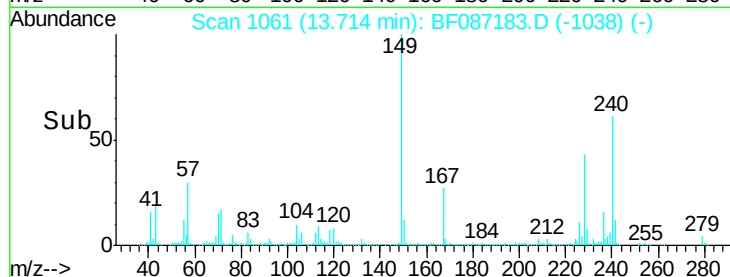
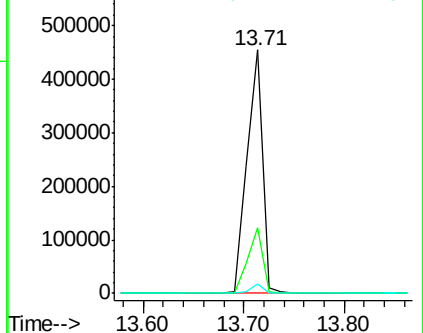
279 3.8 2.6 4.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 47.82 ng

RT: 14.32 min Scan# 1114

Delta R.T. -0.03 min

Lab File: BF087183.D

Acq: 19 May 2016 11:04

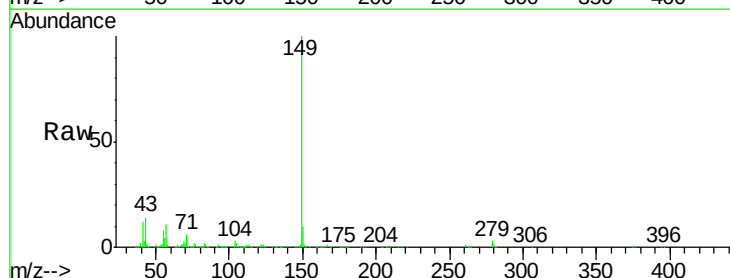
Tgt Ion:149 Resp: 805270

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

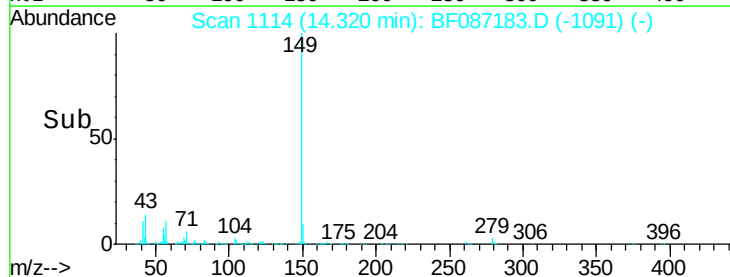
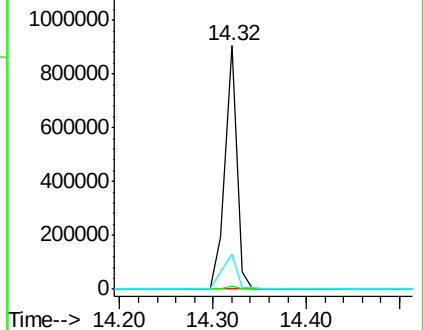
43 17.1 8.2 12.4#

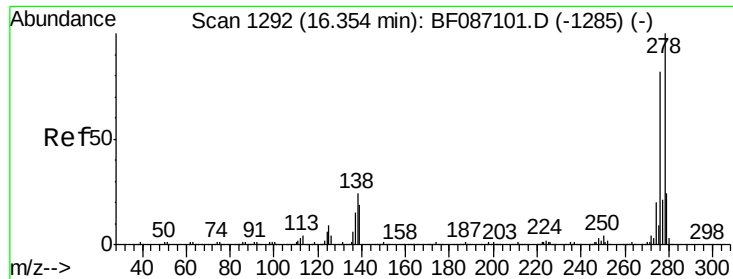


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

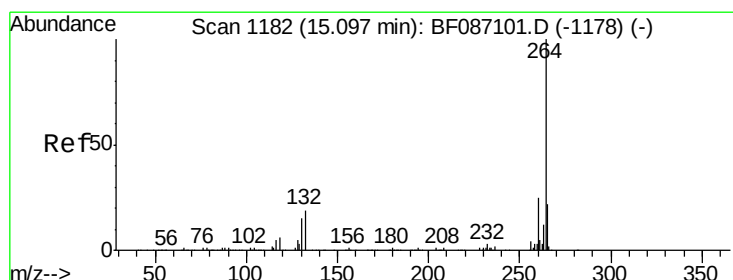
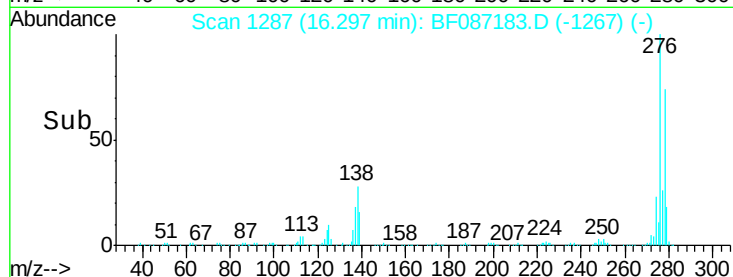
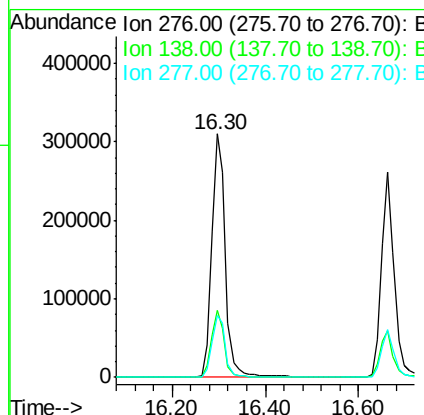
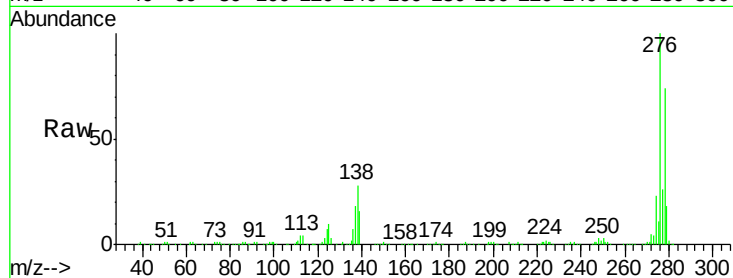




#85
Indeno(1,2,3-cd)pyrene
Concen: 49.40 ng
RT: 16.30 min Scan# 1287
Delta R.T. -0.07 min
Lab File: BF087183.D
Acq: 19 May 2016 11:04

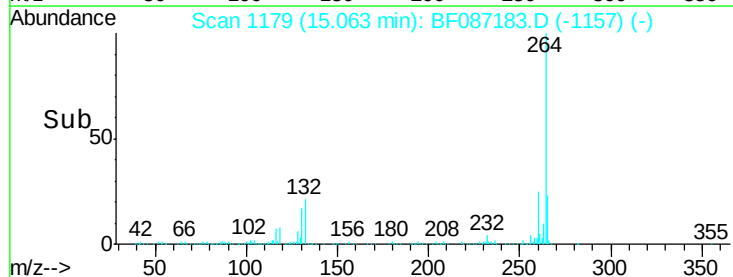
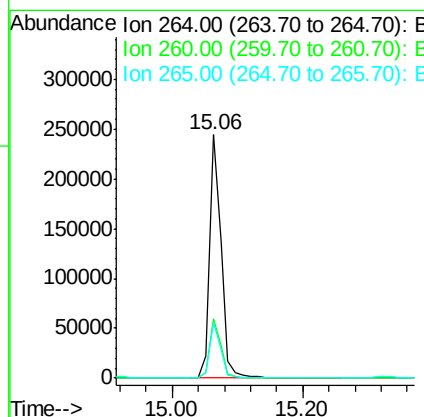
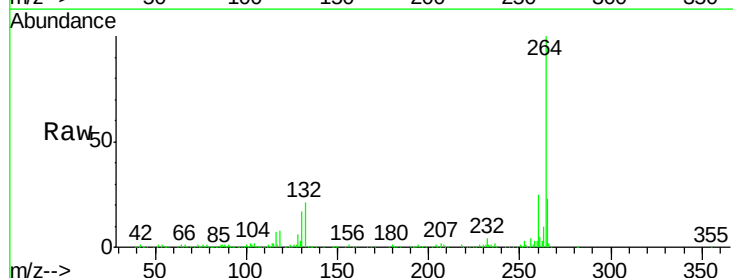
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

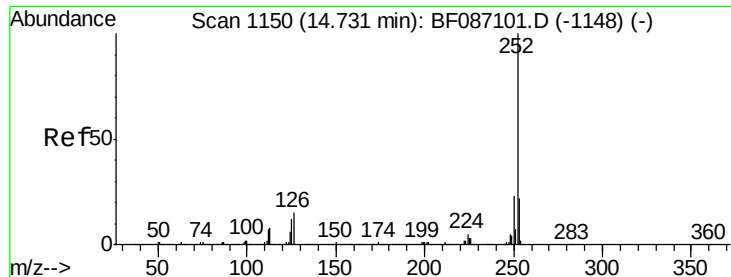
Tot Ion	Ratio	Lower	Upper
276	100		
138	26.5	25.6	38.4
277	25.3	20.5	30.7



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.06 min Scan# 1179
Delta R.T. -0.05 min
Lab File: BF087183.D
Acq: 19 May 2016 11:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	22.6	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 66.11 ng

RT: 14.73 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF087183.D

Acq: 19 May 2016 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

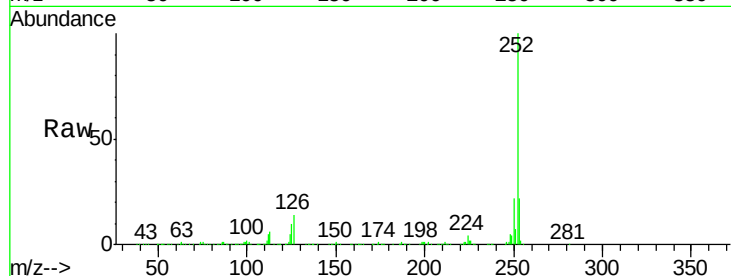
Tot Ion:252 Resp: 1310361

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

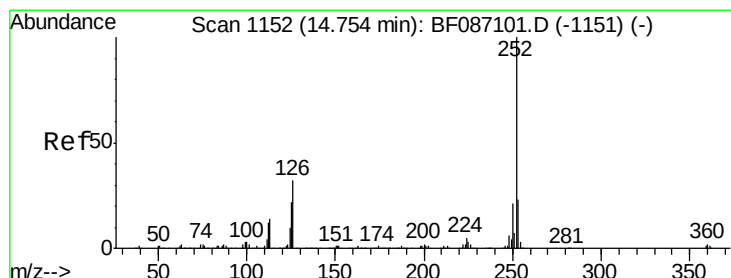
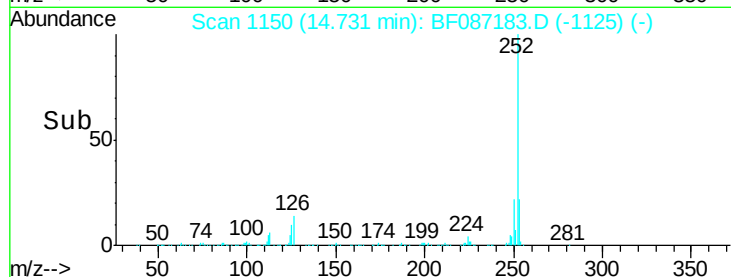
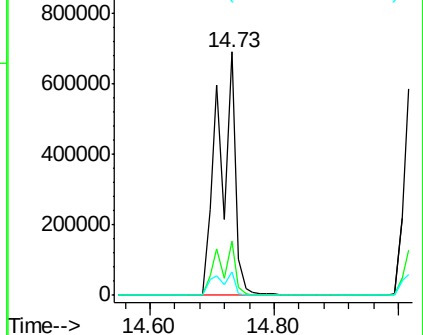
125 9.7 11.4 17.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 88.80 ng

RT: 14.73 min Scan# 1150

Delta R.T. -0.05 min

Lab File: BF087183.D

Acq: 19 May 2016 11:04

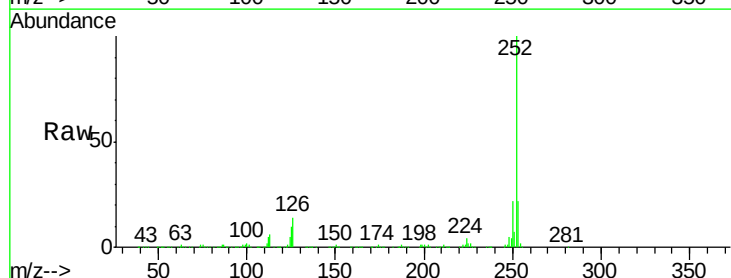
Tgt Ion:252 Resp: 1310361

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

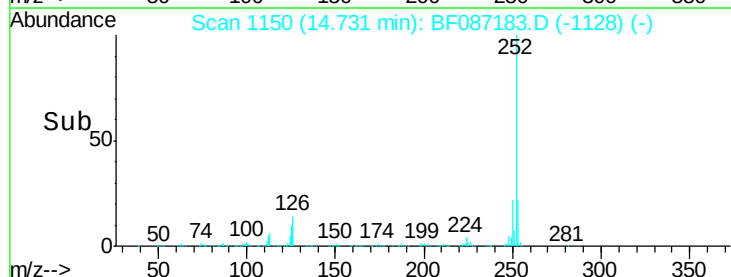
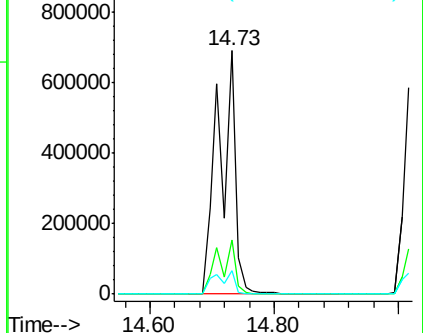
125 9.7 9.1 13.7

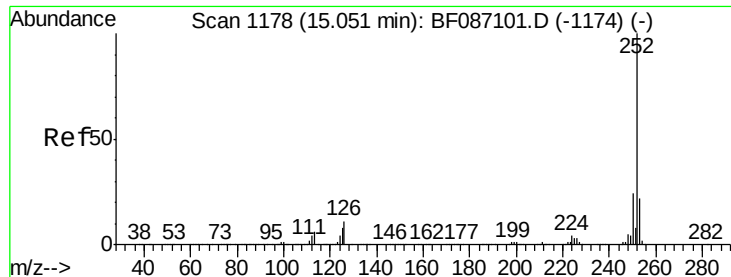


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

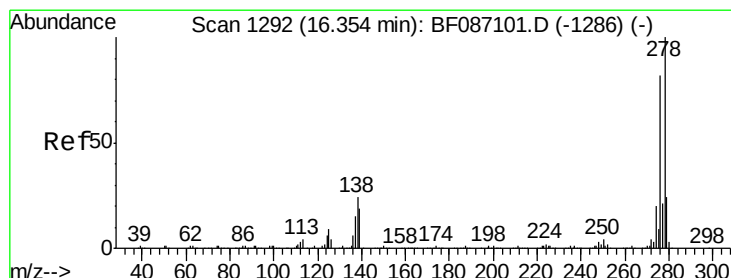
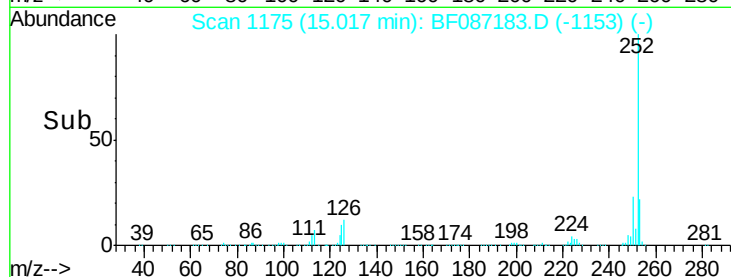
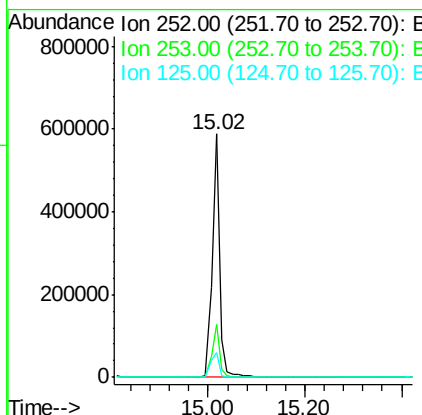
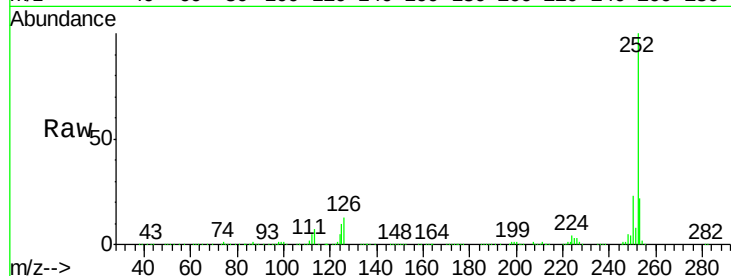




#89
Benzo(a)pyrene
Concen: 39.09 ng
RT: 15.02 min Scan# 1175
Delta R.T. -0.05 min
Lab File: BF087183.D
Acq: 19 May 2016 11:04

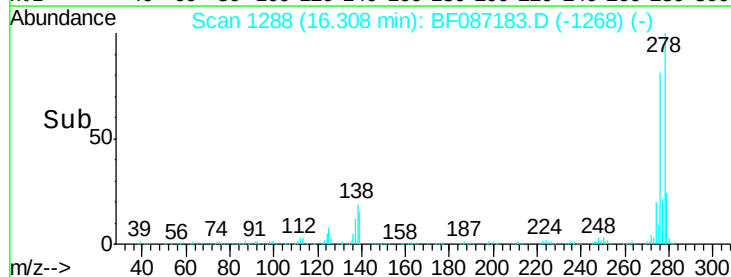
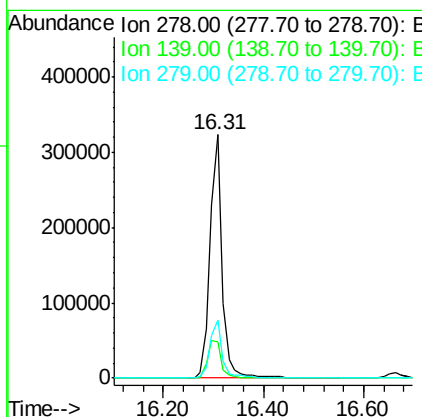
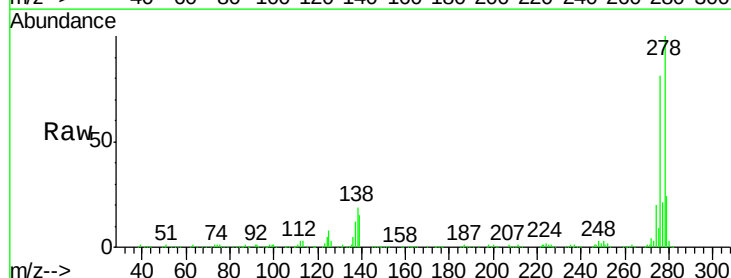
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

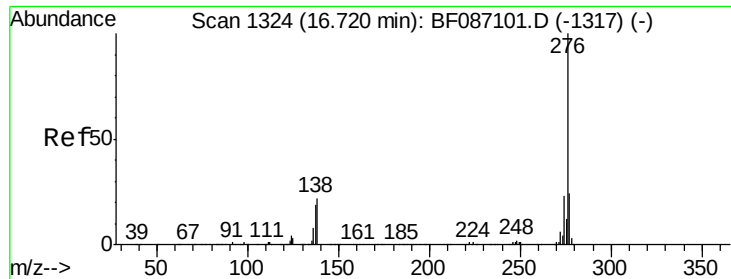
Tot Ion:252 Resp: 647686
Ion Ratio Lower Upper
252 100
253 21.6 17.2 25.8
125 9.9 9.0 13.6



#90
Dibenzo(a,h)anthracene
Concen: 39.01 ng
RT: 16.31 min Scan# 1288
Delta R.T. -0.07 min
Lab File: BF087183.D
Acq: 19 May 2016 11:04

Tgt Ion:278 Resp: 544146
Ion Ratio Lower Upper
278 100
139 15.0 16.6 24.8#
279 23.6 19.6 29.4





#91

Benzo(a,h,i)perylene

Concen: 35.40 ng

RT: 16.66 min Scan# 1319

Delta R.T. -0.08 min

Lab File: BF087183.D

Acq: 19 May 2016 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

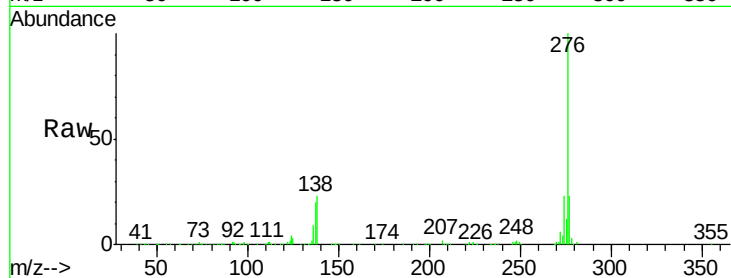
Tot Ion:276 Resp: 498775

Ion Ratio Lower Upper

276 100

277 23.4 19.6 29.4

138 22.8 23.6 35.4#



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

