

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080816\
 Data File : BF089679.D
 Acq On : 9 Aug 2016 3:07
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 09 07:00:01 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 01:39:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	50537	20.00	ng	-0.02
21) Naphthalene-d8	9.45	136	219104	20.00	ng	-0.02
38) Acenaphthene-d10	12.27	164	95986	20.00	ng	-0.02
63) Phenanthrene-d10	14.66	188	162495	20.00	ng	-0.03
75) Chrysene-d12	18.37	240	106468	20.00	ng	-0.02
86) Perylene-d12	20.02	264	110681	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	249379	82.71	ng	-0.02
7) Phenol-d6	6.97	99	331672	81.09	ng	-0.01
23) Nitrobenzene-d5	8.34	82	299395	75.58	ng	-0.02
41) 2,4,6-Tribromophenol	13.57	330	55313	69.83	ng	-0.02
44) 2-Fluorobiphenyl	11.23	172	540172	73.14	ng	-0.02
78) Terphenyl-d14	17.03	244	332678	61.68	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	1.70	88	54073	31.28	ng	97
3) Pyridine	2.27	79	130468	41.08	ng	99
4) n-Nitrosodimethylamine	2.24	42	50283	37.70	ng	91
6) Aniline	6.91	93	196955	37.16	ng	100
8) 2-Chlorophenol	7.10	128	146089	39.46	ng	98
9) Benzaldehyde	6.73	77	74823	50.42	ng	97
10) Phenol	6.98	94	169543	40.37	ng	92
11) bis(2-Chloroethyl)ether	7.07	93	139026	38.53	ng	99
12) 1,3-Dichlorobenzene	7.32	146	151141	37.59	ng	99
13) 1,4-Dichlorobenzene	7.45	146	152185	37.95	ng	100
14) 1,2-Dichlorobenzene	7.68	146	147599	34.92	ng	99
15) Benzyl Alcohol	7.71	79	108657	40.51	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.92	45	175315	38.16	ng	# 61
17) 2-Methylphenol	7.93	107	108293	40.51	ng	98
18) Hexachloroethane	8.20	117	58475	34.60	ng	99
19) n-Nitroso-di-n-propylamine	8.15	70	108288	36.65	ng	97
20) 3+4-Methylphenols	8.19	107	138780	41.12	ng	97
22) Acetophenone	8.11	105	193294	37.01	ng	97
24) Nitrobenzene	8.36	77	157280	41.80	ng	99
25) Isophorone	8.76	82	289951	38.23	ng	100
26) 2-Nitrophenol	8.88	139	69388	40.19	ng	88
27) 2,4-Dimethylphenol	9.02	122	119537	38.51	ng	98
28) bis(2-Chloroethoxy)methane	9.15	93	166487	36.28	ng	100
29) 2,4-Dichlorophenol	9.29	162	108506	36.94	ng	97
30) 1,2,4-Trichlorobenzene	9.38	180	123304	36.76	ng	100
31) Naphthalene	9.48	128	416945	35.80	ng	100
32) Benzoic acid	9.32	122	40777	20.91	ng	97
33) 4-Chloroaniline	9.63	127	157988	36.12	ng	95
34) Hexachlorobutadiene	9.71	225	67996	35.20	ng	98
35) Caprolactam	10.26	113	32039	37.43	ng	98
36) 4-Chloro-3-methylphenol	10.48	107	126737	37.12	ng	91
37) 2-Methylnaphthalene	10.62	142	257930	36.01	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.89	216	138078	38.27	ng	99
40) Hexachlorocyclopentadiene	10.87	237	16988	21.12	ng	99

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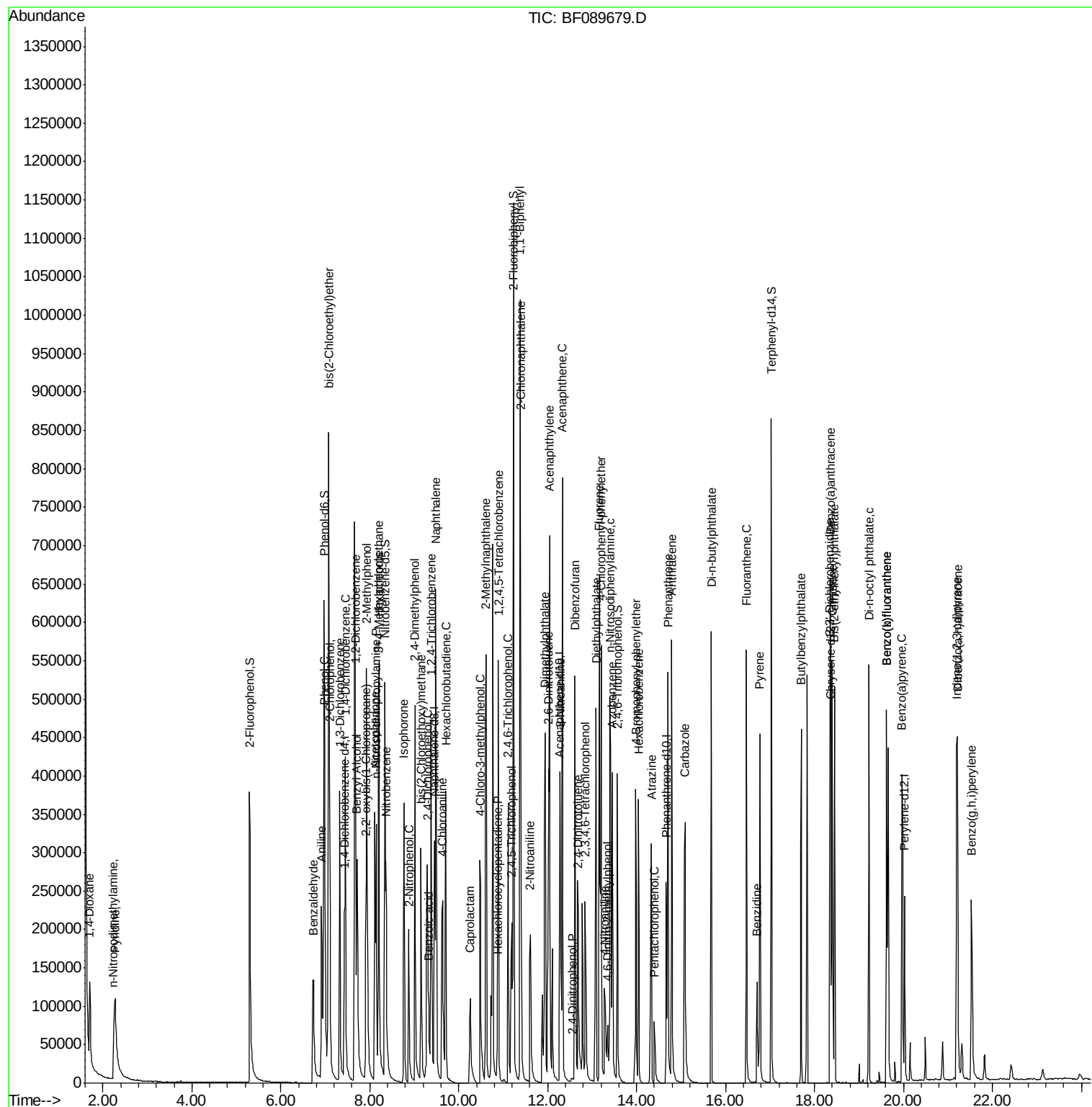
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.11	196	69177	38.88	ng	98
43) 2,4,5-Trichlorophenol	11.19	196	74752	39.31	ng	98
45) 1,1'-Biphenyl	11.38	154	330249	38.15	ng	100
46) 2-Chloronaphthalene	11.39	162	244425	37.66	ng	99
47) 2-Nitroaniline	11.61	65	75423	36.05	ng	# 83
48) Acenaphthylene	12.05	152	397316	37.17	ng	100
49) Dimethylphthalate	11.94	163	301770	40.11	ng	100
50) 2,6-Dinitrotoluene	12.02	165	60506	40.45	ng	# 86
51) Acenaphthene	12.33	154	225199	36.47	ng	99
52) 3-Nitroaniline	12.29	138	64304	35.94	ng	99
53) 2,4-Dinitrophenol	12.55	184	3500	12.04	ng	# 83
54) Dibenzofuran	12.62	168	312985	36.87	ng	99
55) 4-Nitrophenol	12.62	139	119258	Below Cal		# 22
56) 2,4-Dinitrotoluene	12.69	165	80997	38.50	ng	# 84
57) Fluorene	13.17	166	263809	36.36	ng	99
58) 2,3,4,6-Tetrachlorophenol	12.85	232	49409	34.22	ng	97
59) Diethylphthalate	13.09	149	308135	39.60	ng	100
60) 4-Chlorophenyl-phenylether	13.20	204	127165	38.22	ng	98
61) 4-Nitroaniline	13.29	138	57415	35.69	ng	98
62) Azobenzene	13.45	77	282603	37.55	ng	93
64) 4,6-Dinitro-2-methylphenol	13.35	198	16383	19.99	ng	89
65) n-Nitrosodiphenylamine	13.41	169	222196	40.49	ng	100
66) 4-Bromophenyl-phenylether	13.98	248	66720	42.45	ng	# 80
67) Hexachlorobenzene	14.05	284	64678	37.41	ng	96
68) Atrazine	14.33	200	68100	44.44	ng	99
69) Pentachlorophenol	14.40	266	20310	30.15	ng	97
70) Phenanthrene	14.71	178	328808	37.21	ng	99
71) Anthracene	14.79	178	349325	36.88	ng	99
72) Carbazole	15.09	167	291168	36.88	ng	99
73) Di-n-butylphthalate	15.68	149	445353	41.71	ng	100
74) Fluoranthene	16.47	202	292162	32.17	ng	98
76) Benzidine	16.71	184	122070	37.82	ng	99
77) Pyrene	16.77	202	290317	30.84	ng	99
79) Butylbenzylphthalate	17.70	149	146345	36.53	ng	98
80) Benzo(a)anthracene	18.35	228	224403	36.68	ng	99
81) 3,3'-Dichlorobenzidine	18.34	252	86909	45.09	ng	96
82) Chrysene	18.40	228	242342	37.76	ng	99
83) Bis(2-ethylhexyl)phthalate	18.45	149	208220	37.54	ng	100
84) Di-n-octyl phthalate	19.22	149	338920	42.47	ng	98
85) Indeno(1,2,3-cd)pyrene	21.20	276	227241	46.63	ng	99
87) Benzo(b)fluoranthene	19.62	252	487979	71.69	ng	# 98
88) Benzo(k)fluoranthene	19.62	252	488233	71.09	ng	98
89) Benzo(a)pyrene	19.97	252	231666	36.35	ng	# 96
90) Dibenzo(a,h)anthracene	21.21	278	195182	32.78	ng	99
91) Benzo(g,h,i)perylene	21.53	276	178692	29.32	ng	98

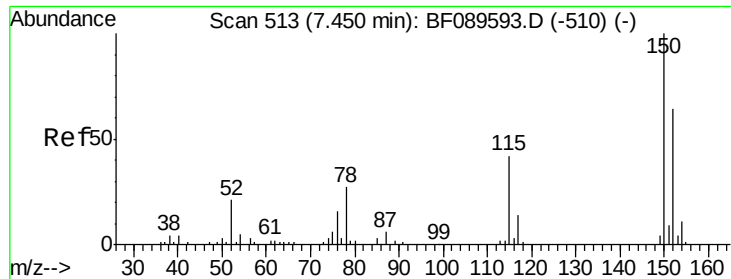
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.43 min Scan# 511

Delta R.T. -0.02 min

Lab File: BF089679.D

Acq: 9 Aug 2016 3:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

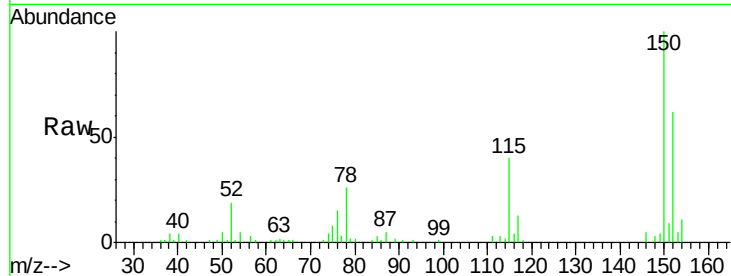
Tgt Ion:152 Resp: 50537

Ion Ratio Lower Upper

152 100

150 160.9 125.5 188.3

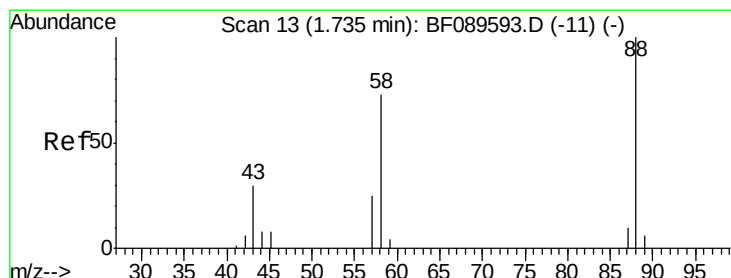
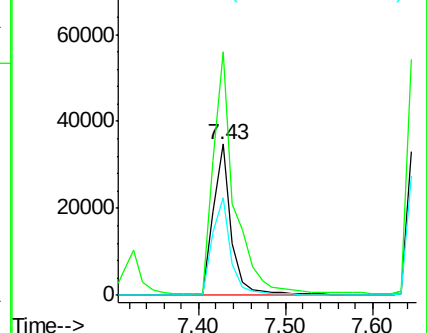
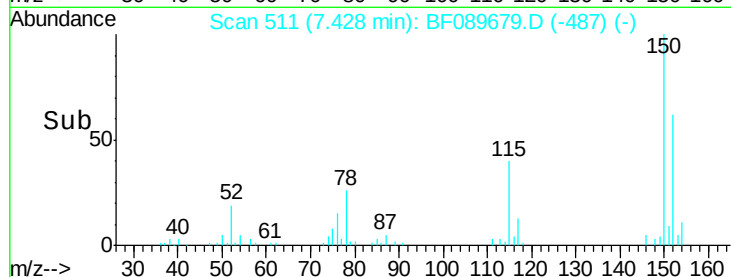
115 64.5 52.0 78.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 31.28 ng

RT: 1.70 min Scan# 10

Delta R.T. -0.03 min

Lab File: BF089679.D

Acq: 9 Aug 2016 3:07

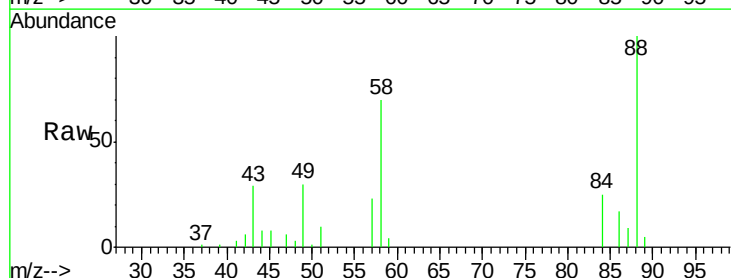
Tgt Ion: 88 Resp: 54073

Ion Ratio Lower Upper

88 100

58 64.4 49.8 74.8

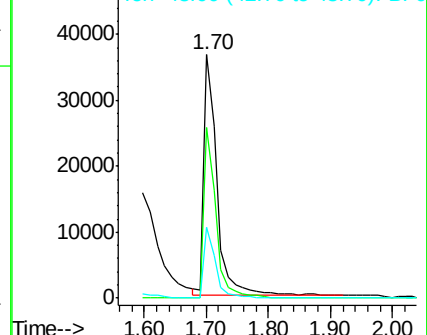
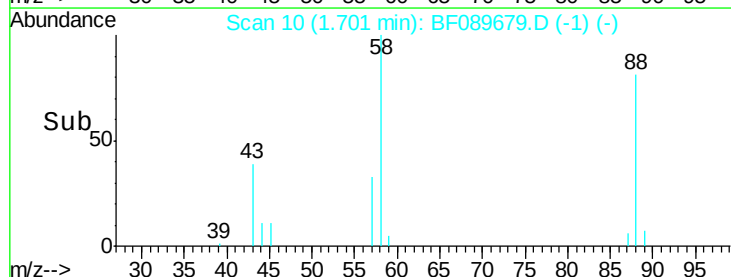
43 26.3 20.1 30.1

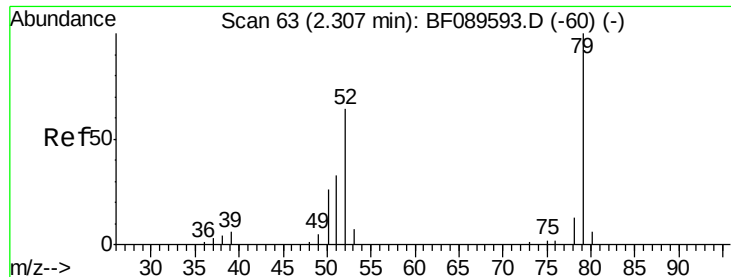


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 41.08 ng

RT: 2.27 min Scan# 60

Delta R.T. -0.03 min

Lab File: BF089679.D

Acq: 9 Aug 2016 3:07

Instrument :

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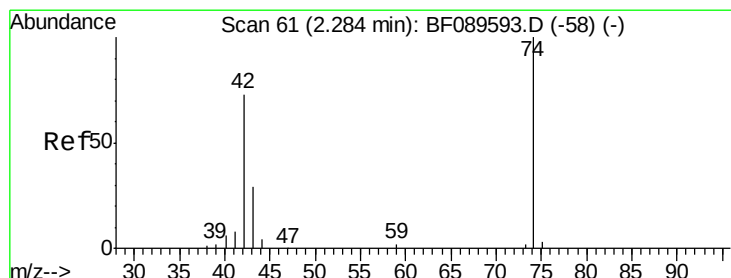
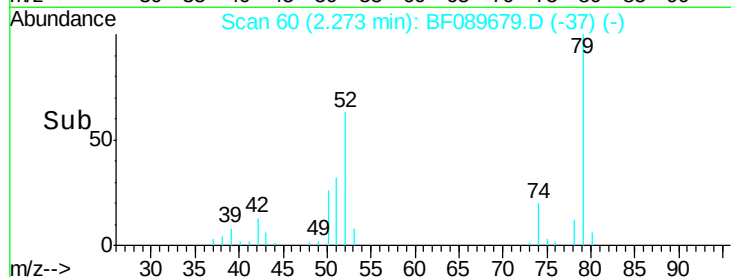
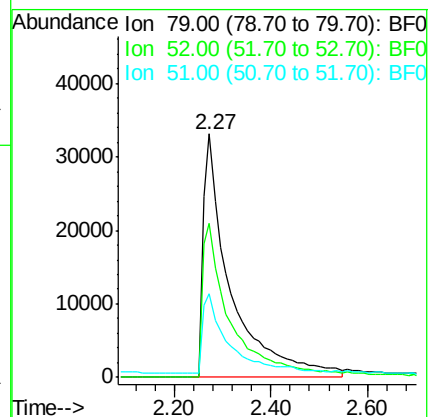
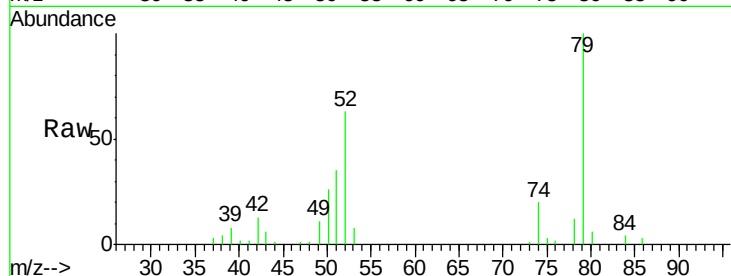
Tgt Ion: 79 Resp: 130468

Ion Ratio Lower Upper

79 100

52 63.2 51.0 76.4

51 34.5 27.9 41.9



#4

n-Nitrosodimethylamine

Concen: 37.70 ng

RT: 2.24 min Scan# 57

Delta R.T. -0.04 min

Lab File: BF089679.D

Acq: 9 Aug 2016 3:07

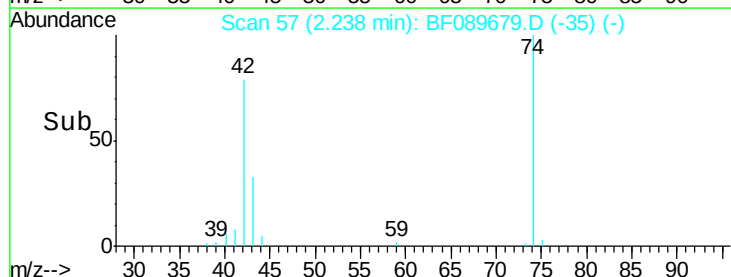
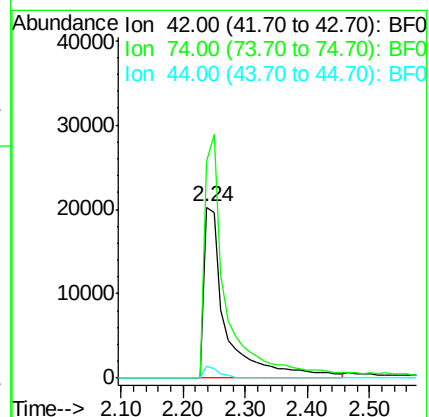
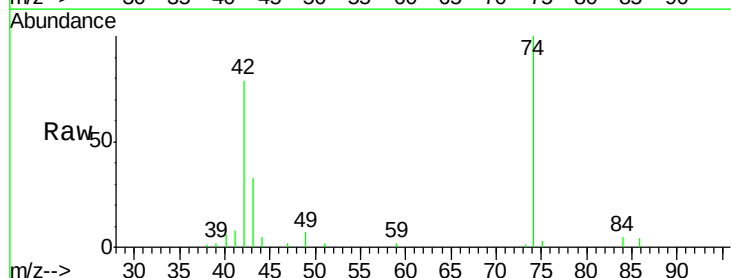
Tgt Ion: 42 Resp: 50283

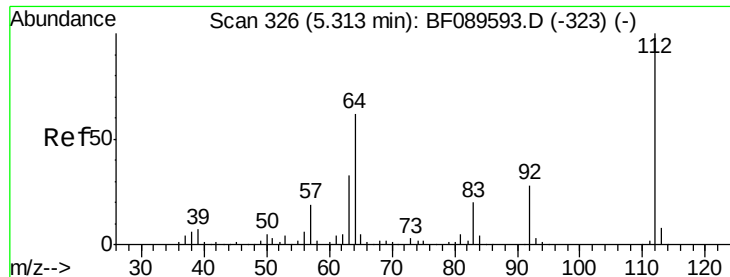
Ion Ratio Lower Upper

42 100

74 126.6 110.0 165.0

44 6.6 4.8 7.2





#5

2-Fluorophenol

Concen: 82.71 ng

RT: 5.29 min Scan# 324

Delta R.T. -0.02 min

Lab File: BF089679.D

Acq: 9 Aug 2016 3:07

Instrument :

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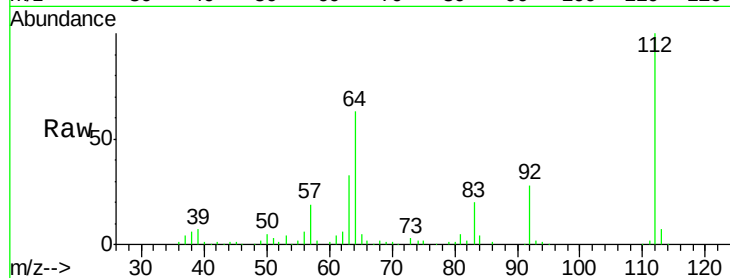
Tgt Ion: 112 Resp: 249379

Ion Ratio Lower Upper

112 100

64 63.3 49.9 74.9

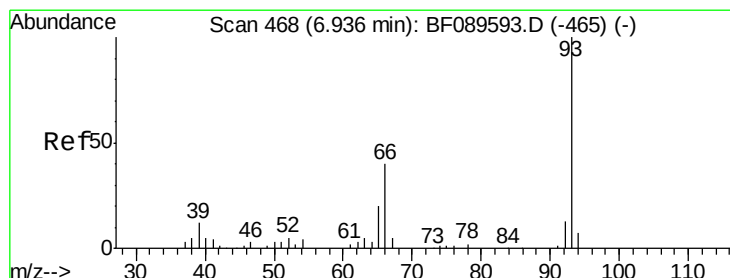
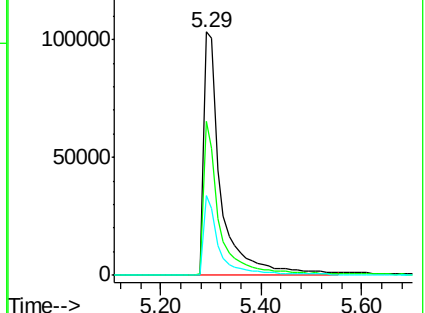
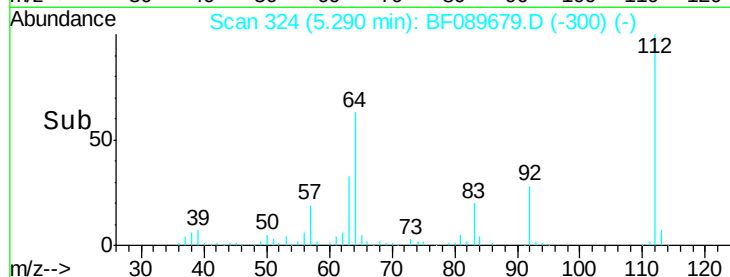
63 32.9 26.1 39.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 37.16 ng

RT: 6.91 min Scan# 466

Delta R.T. -0.02 min

Lab File: BF089679.D

Acq: 9 Aug 2016 3:07

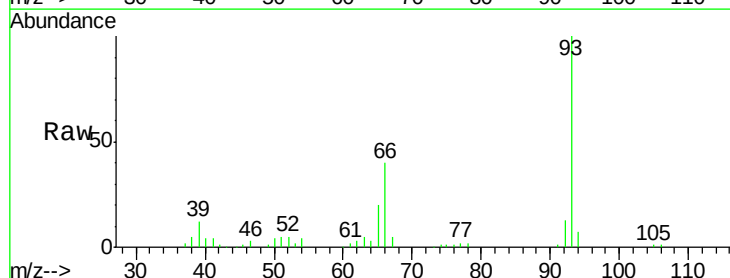
Tgt Ion: 93 Resp: 196955

Ion Ratio Lower Upper

93 100

66 40.2 32.2 48.2

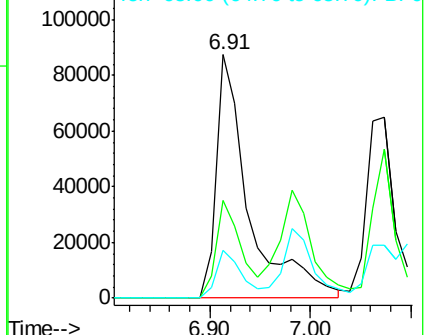
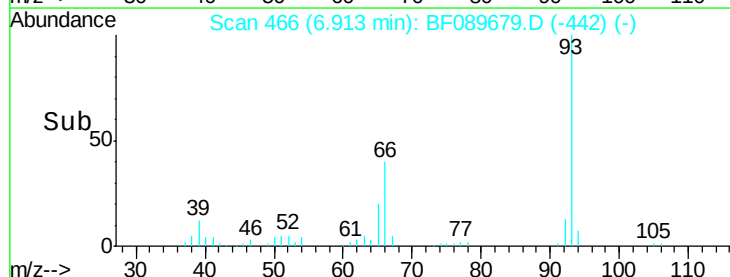
65 19.9 15.8 23.8

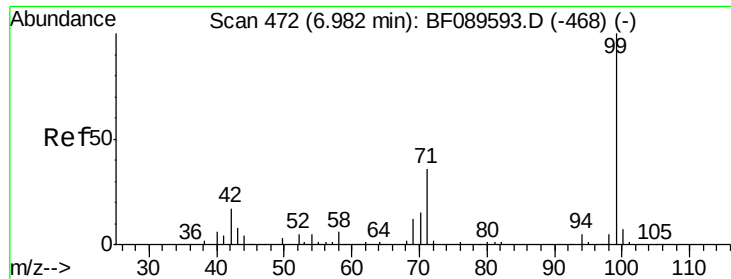


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 81.09 ng

RT: 6.97 min Scan# 471

Delta R.T. -0.01 min

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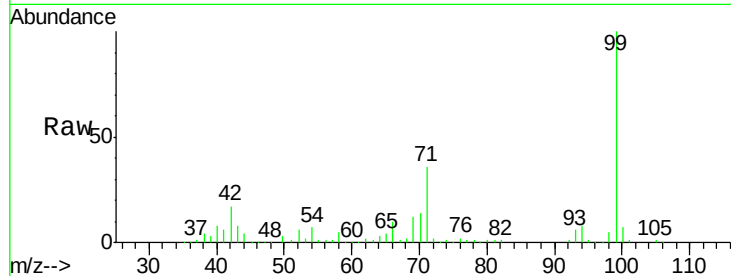
Tgt Ion: 99 Resp: 331672

Ion Ratio Lower Upper

99 100

42 16.7 13.7 20.5

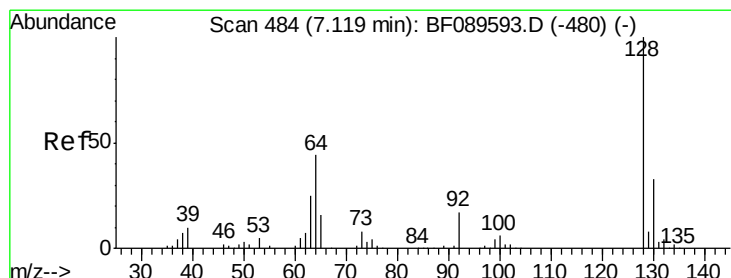
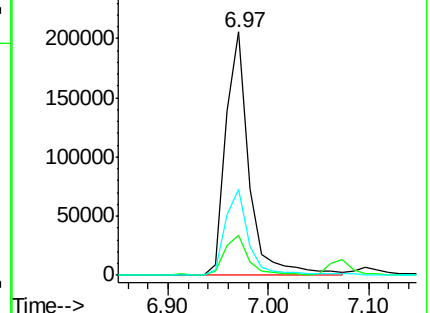
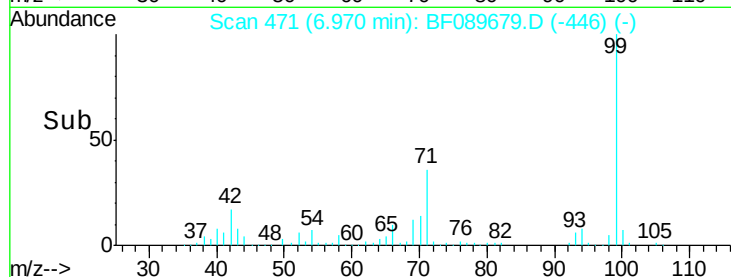
71 35.7 29.0 43.4



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: 39.46 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.02 min

Lab File: BF089679.D

Acq: 9 Aug 2016 3:07

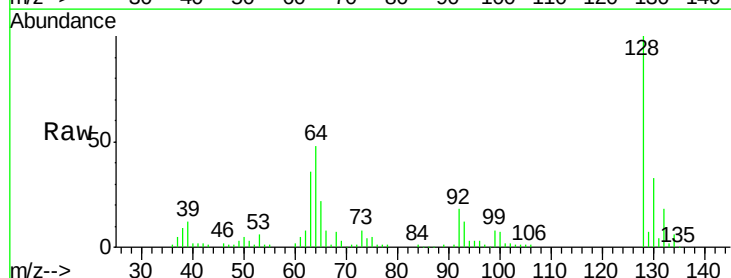
Tgt Ion: 128 Resp: 146089

Ion Ratio Lower Upper

128 100

130 32.9 12.6 52.6

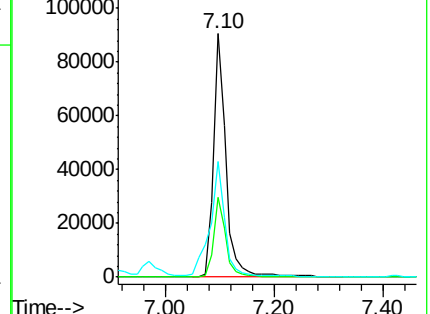
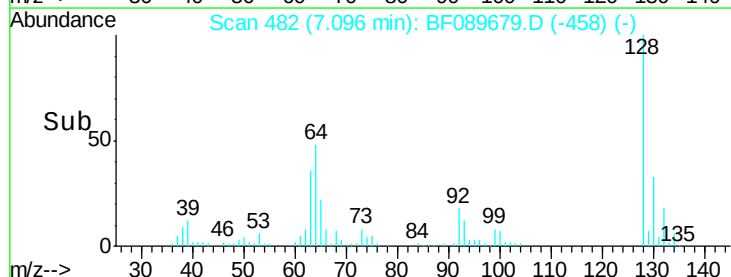
64 47.6 25.3 65.3

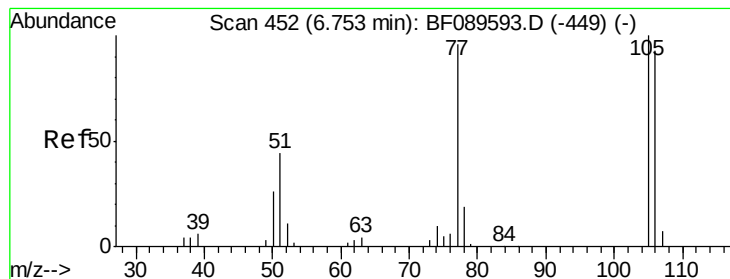


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 50.42 ng

RT: 6.73 min Scan# 450

Delta R.T. -0.02 min

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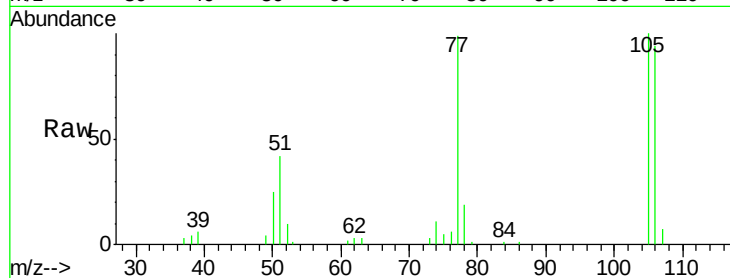
Tgt Ion: 77 Resp: 74823

Ion Ratio Lower Upper

77 100

105 101.5 84.7 124.7

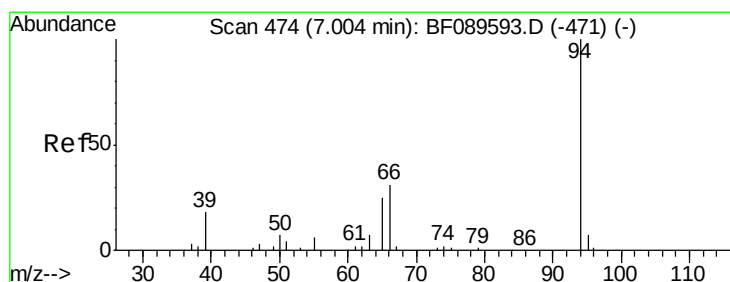
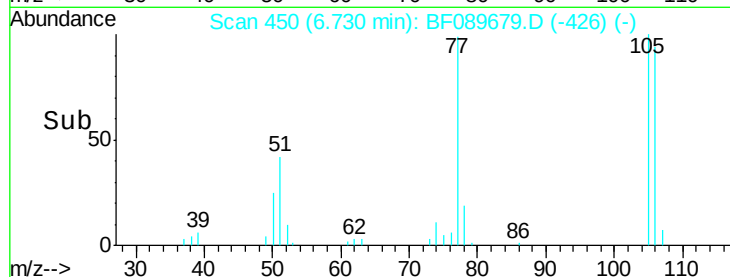
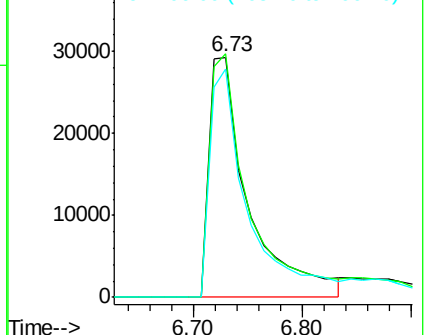
106 95.1 77.1 117.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 40.37 ng

RT: 6.98 min Scan# 472

Delta R.T. -0.02 min

Lab File: BF089679.D

Acq: 9 Aug 2016 3:07

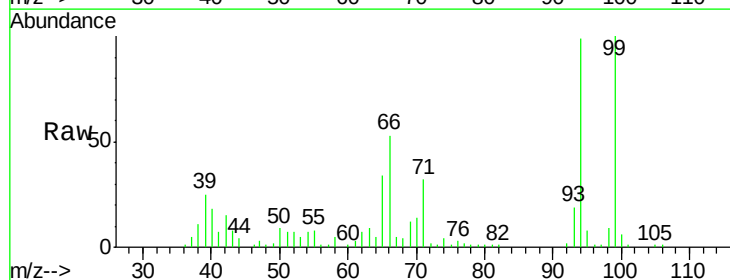
Tgt Ion: 94 Resp: 169543

Ion Ratio Lower Upper

94 100

65 34.4 11.0 51.0

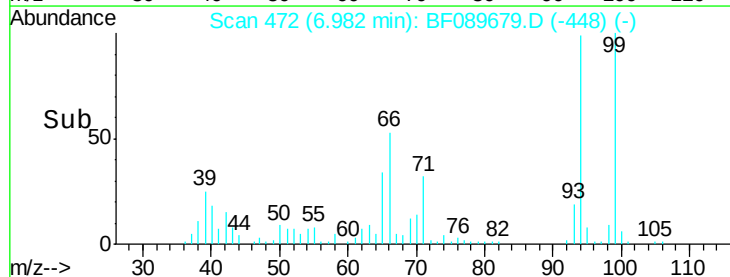
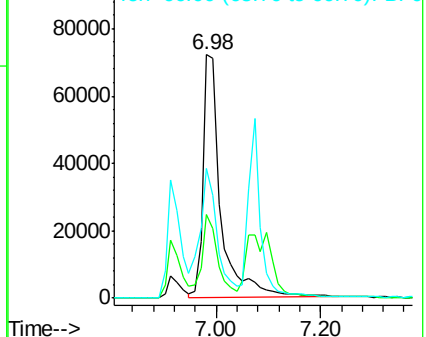
66 53.3 27.4 67.4

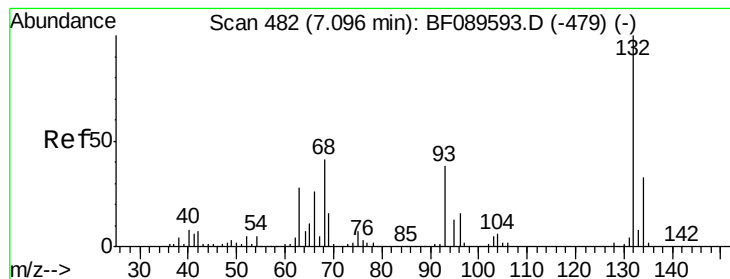


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

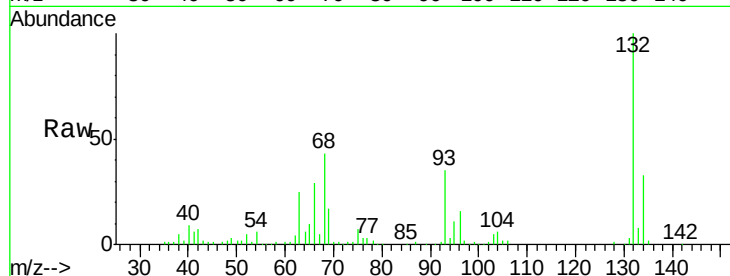




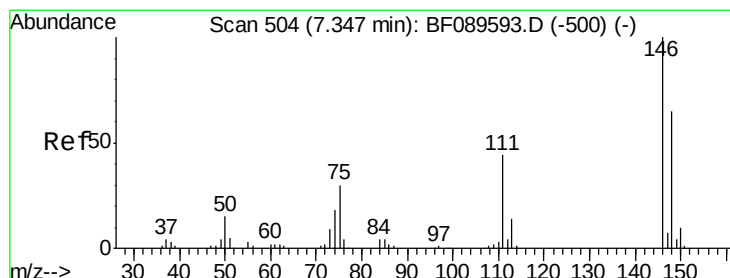
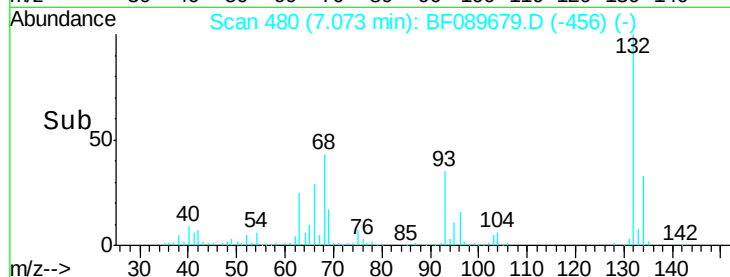
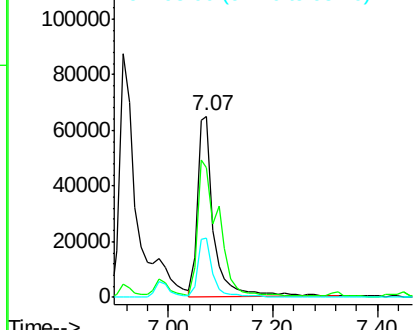
#11
 bis(2-Chloroethyl)ether
 Concen: 38.53 ng
 RT: 7.07 min Scan# 480
 Delta R.T. -0.02 min
 Lab File: BF089679.D
 Acq: 9 Aug 2016 3:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 93 Resp: 139026
 Ion Ratio Lower Upper
 93 100
 63 71.6 52.2 92.2
 95 32.4 13.1 53.1

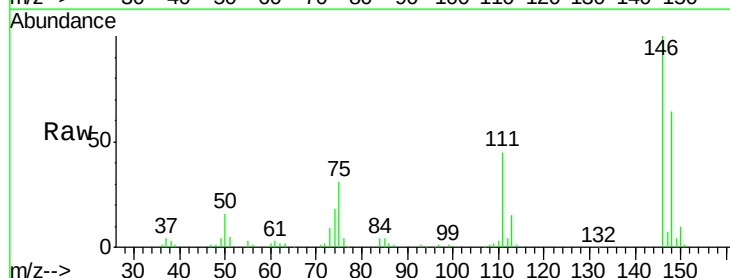


Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0

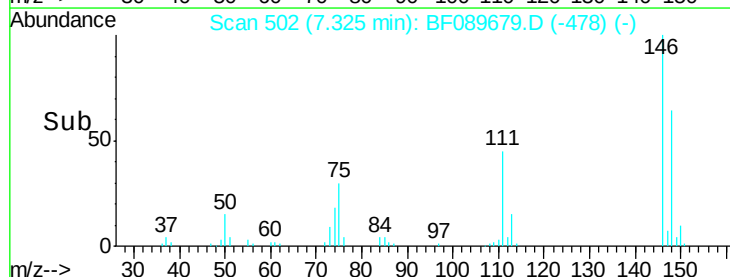
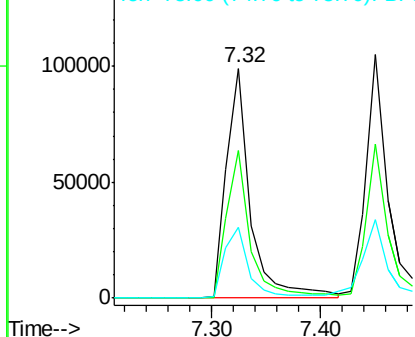


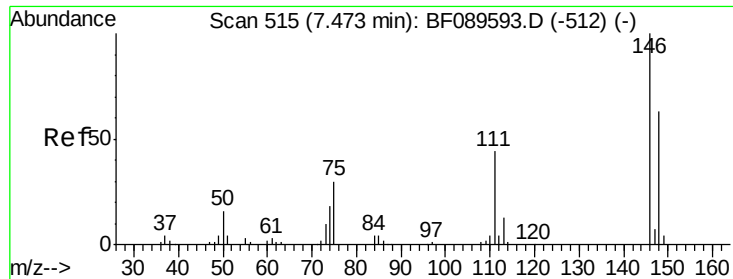
#12
 1,3-Dichlorobenzene
 Concen: 37.59 ng
 RT: 7.32 min Scan# 502
 Delta R.T. -0.02 min
 Lab File: BF089679.D
 Acq: 9 Aug 2016 3:07

Tgt Ion: 146 Resp: 151141
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.1 78.1
 75 30.8 24.1 36.1



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

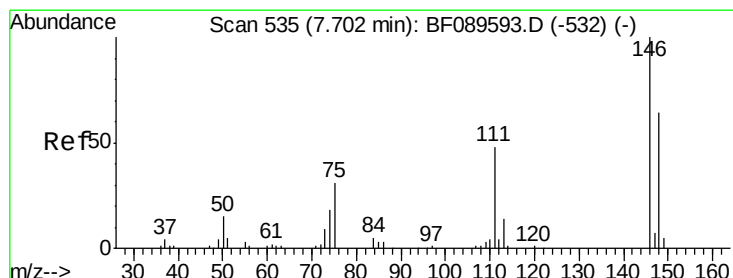
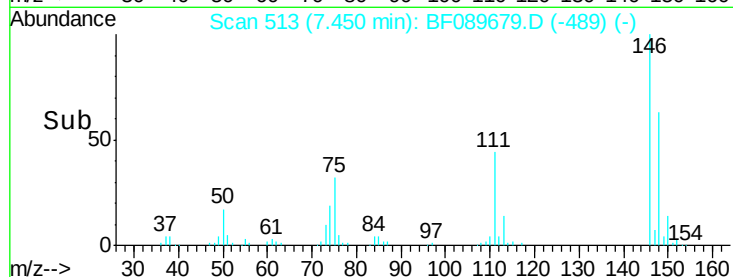
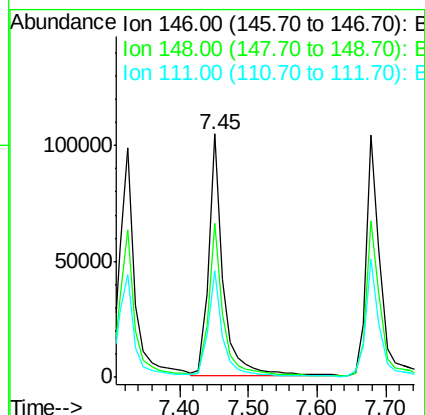
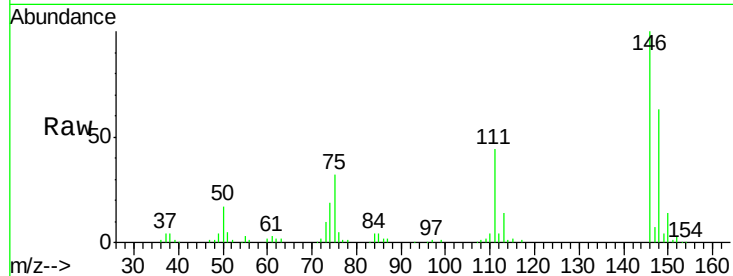




#13
 1,4-Dichlorobenzene
 Concen: 37.95 ng
 RT: 7.45 min Scan# 513
 Delta R.T. -0.02 min
 Lab File: BF089679.D
 Acq: 9 Aug 2016 3:07

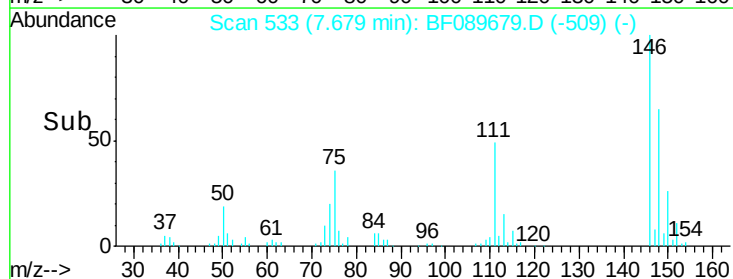
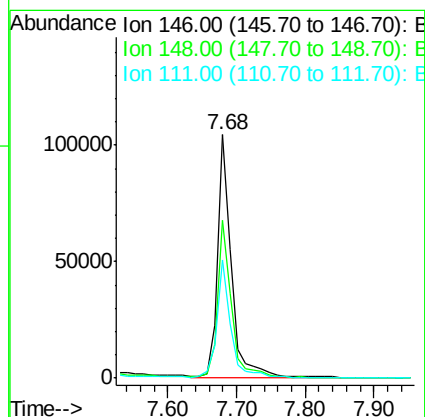
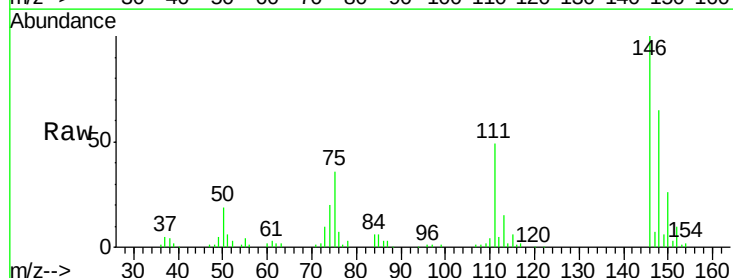
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

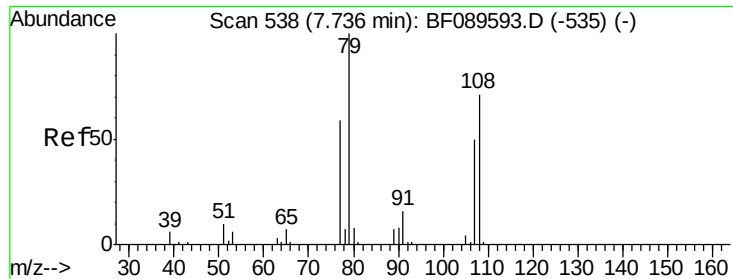
Tgt Ion:146 Resp: 152185
 Ion Ratio Lower Upper
 146 100
 148 63.3 50.4 75.6
 111 44.0 35.0 52.4



#14
 1,2-Dichlorobenzene
 Concen: 34.92 ng
 RT: 7.68 min Scan# 533
 Delta R.T. -0.02 min
 Lab File: BF089679.D
 Acq: 9 Aug 2016 3:07

Tgt Ion:146 Resp: 147599
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.0 76.6
 111 48.6 38.5 57.7

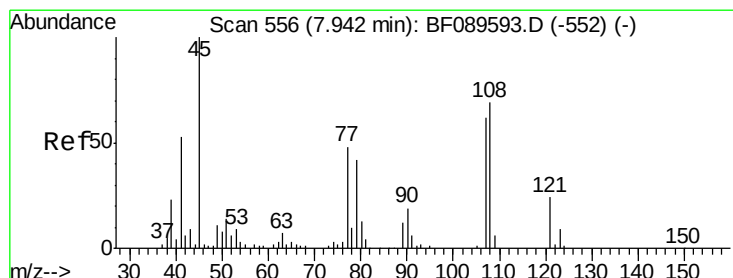
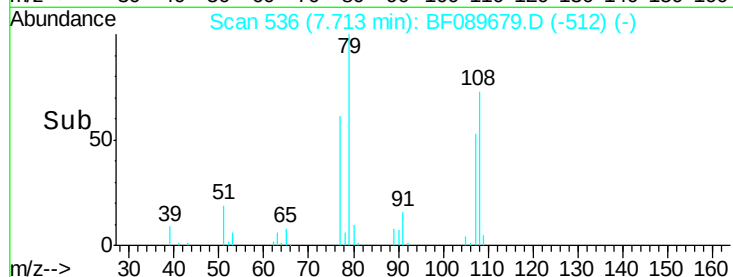
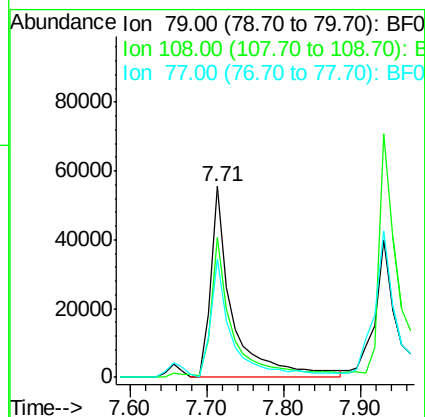
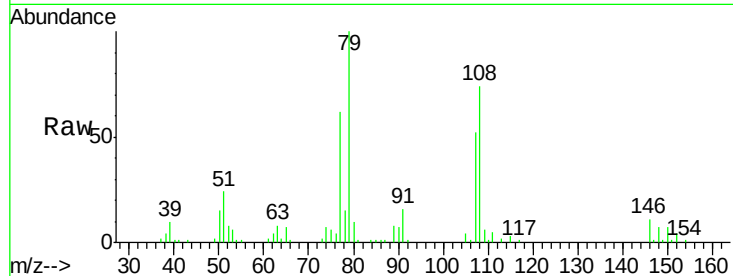




#15
Benzyl Alcohol
Concen: 40.51 ng
RT: 7.71 min Scan# 536
Delta R.T. -0.02 min
Lab File: BF089679.D
Acq: 9 Aug 2016 3:07

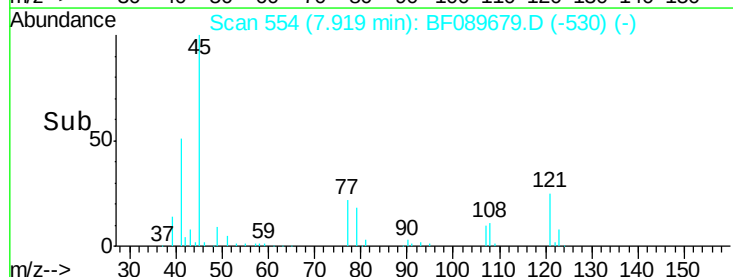
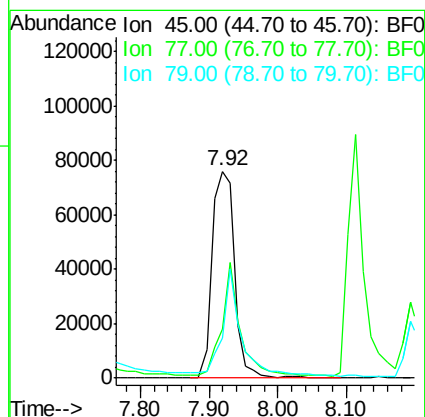
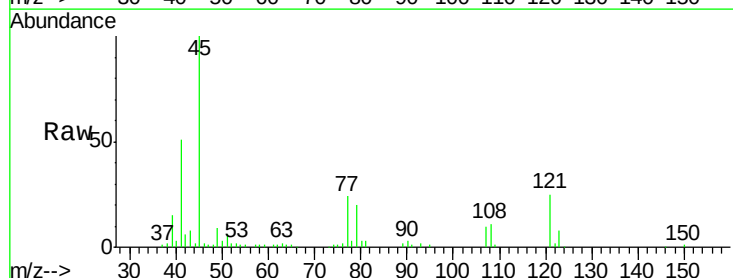
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

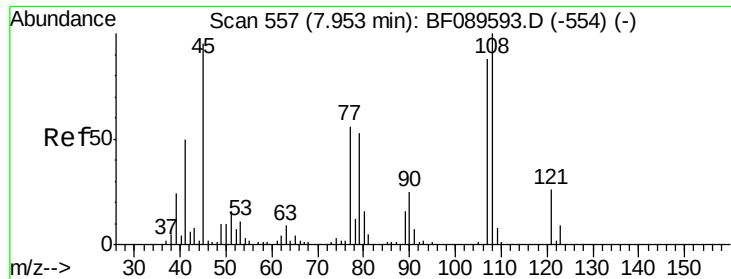
Tgt Ion: 79 Resp: 108657
Ion Ratio Lower Upper
79 100
108 73.6 58.3 87.5
77 62.1 48.7 73.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.16 ng
RT: 7.92 min Scan# 554
Delta R.T. -0.02 min
Lab File: BF089679.D
Acq: 9 Aug 2016 3:07

Tgt Ion: 45 Resp: 175315
Ion Ratio Lower Upper
45 100
77 23.8 30.1 70.1#
79 19.6 25.5 65.5#

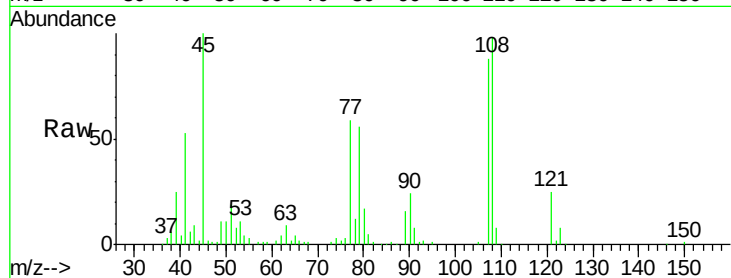




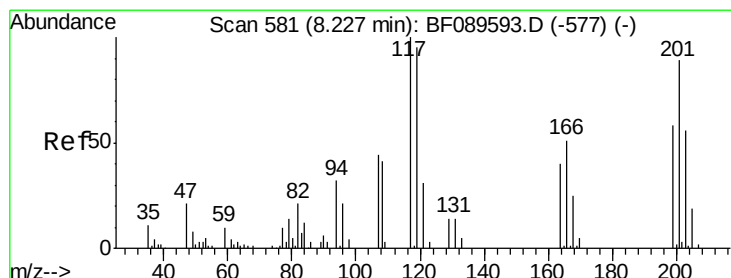
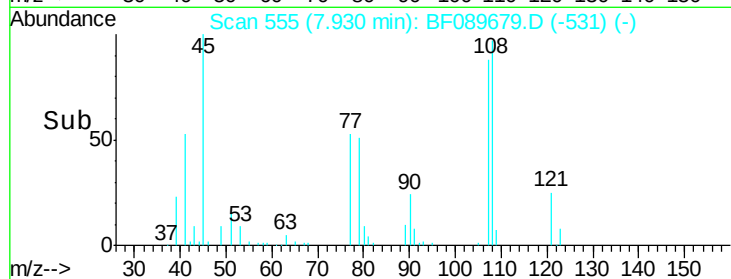
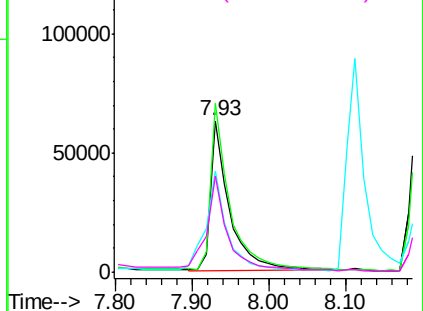
#17
2-Methylphenol
Concen: 40.51 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.02 min
Lab File: BF089679.D
Acq: 9 Aug 2016 3:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 108293
Ion Ratio Lower Upper
107 100
108 111.5 91.2 136.8
77 67.1 54.6 82.0
79 63.1 52.7 79.1

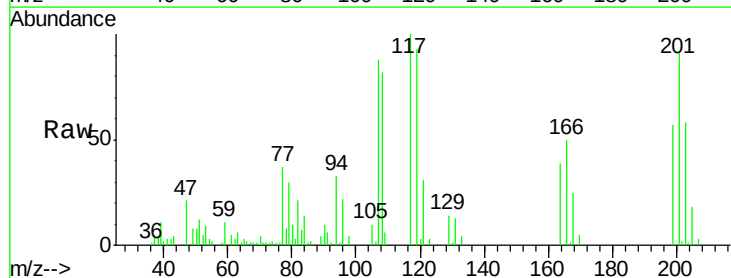


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

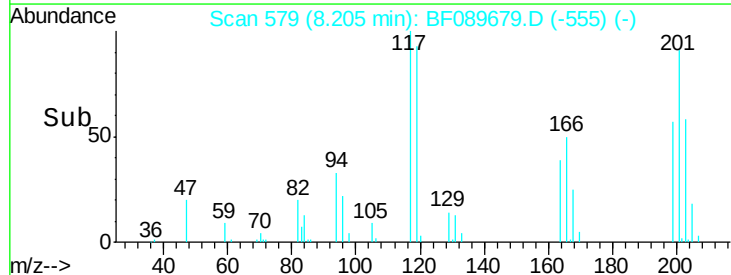
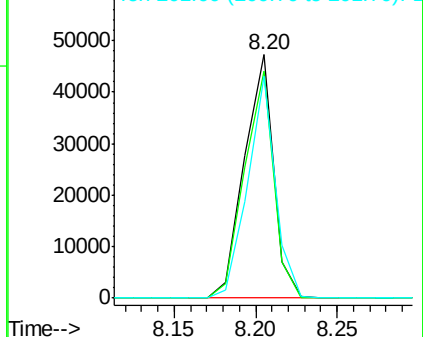


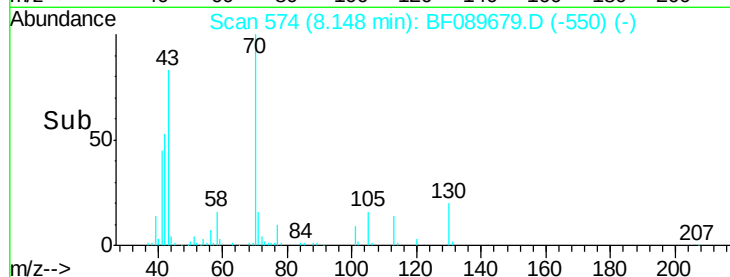
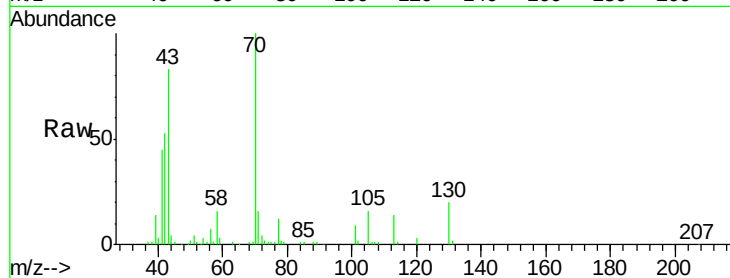
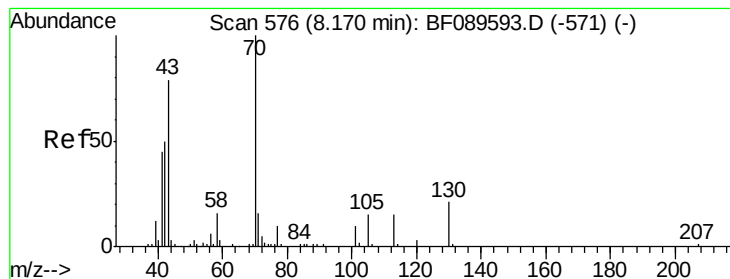
#18
Hexachloroethane
Concen: 34.60 ng
RT: 8.20 min Scan# 579
Delta R.T. -0.02 min
Lab File: BF089679.D
Acq: 9 Aug 2016 3:07

Tgt Ion:117 Resp: 58475
Ion Ratio Lower Upper
117 100
119 93.4 75.7 113.5
201 91.1 71.6 107.4



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: 36.65 ng

RT: 8.15 min Scan# 574

Delta R.T. -0.02 min

Lab File: BF089679.D

Acq: 9 Aug 2016 3:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 108288

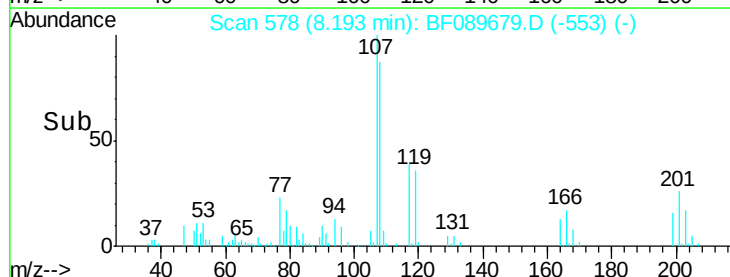
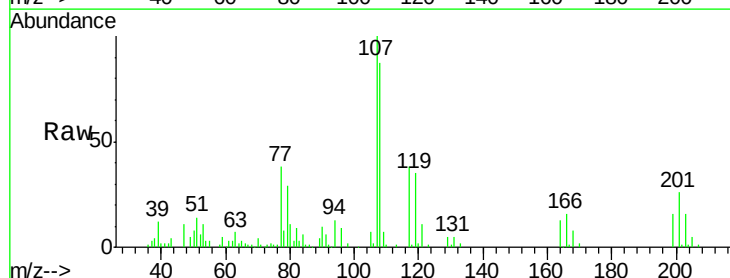
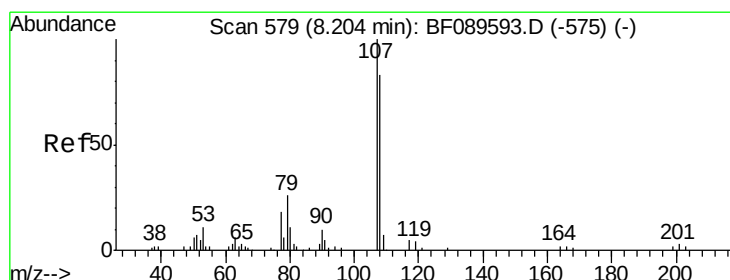
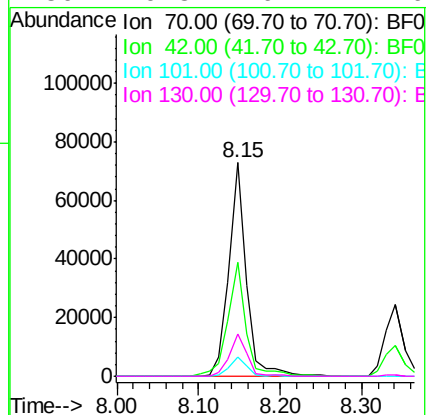
Ion Ratio Lower Upper

70 100

42 53.1 40.2 60.2

101 9.0 7.8 11.6

130 19.8 16.4 24.6



#20

3+4-Methylphenols

Concen: 41.12 ng

RT: 8.19 min Scan# 578

Delta R.T. -0.01 min

Lab File: BF089679.D

Acq: 9 Aug 2016 3:07

Tgt Ion: 107 Resp: 138780

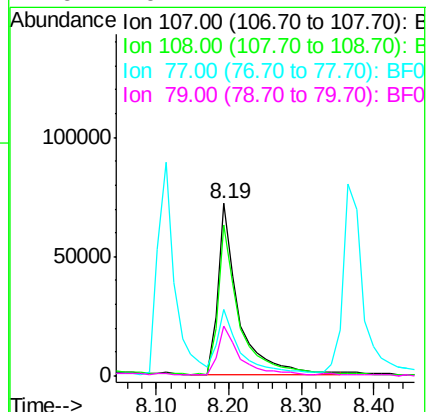
Ion Ratio Lower Upper

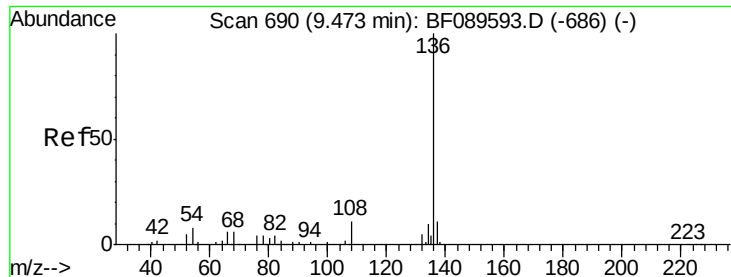
107 100

108 87.5 63.8 103.8

77 38.5 19.5 59.5

79 29.1 7.1 47.1

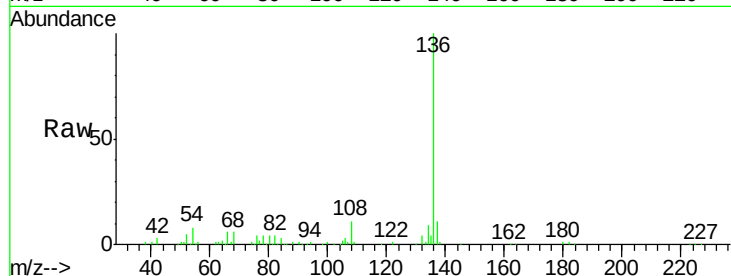




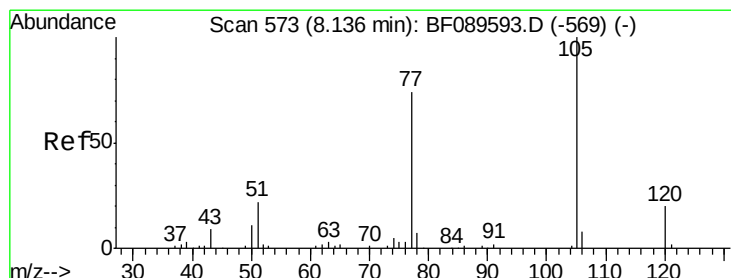
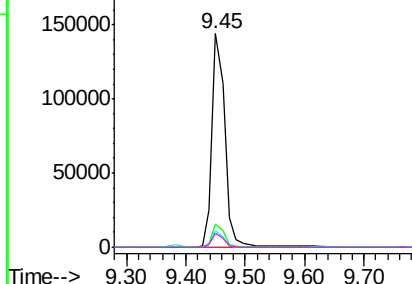
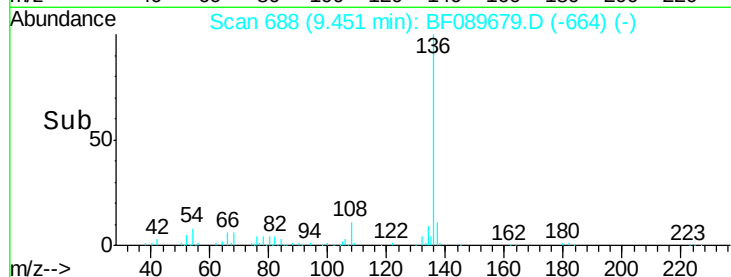
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.02 min
Lab File: BF089679.D
Acq: 9 Aug 2016 3:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	136	Resp:	219104
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.6	12.8
54	8.0	6.0	9.0
68	6.4	4.6	6.8

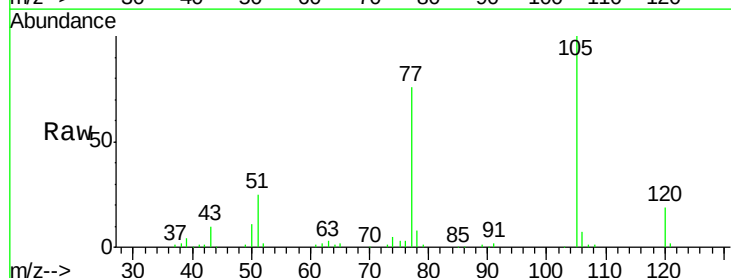


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

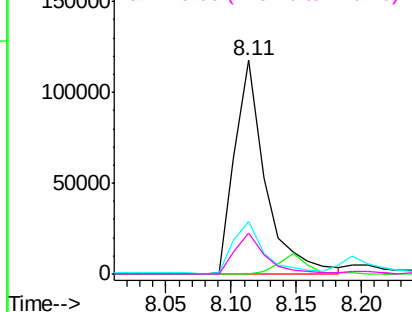
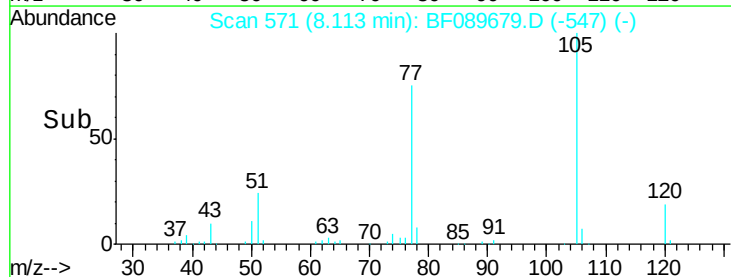


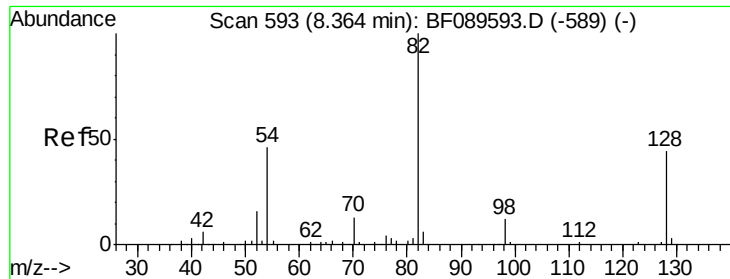
#22
Acetophenone
Concen: 37.01 ng
RT: 8.11 min Scan# 571
Delta R.T. -0.02 min
Lab File: BF089679.D
Acq: 9 Aug 2016 3:07

Tgt Ion:	105	Resp:	193294
Ion Ratio	Lower	Upper	
105	100		
71	0.0	0.0	0.0
51	24.6	18.2	27.2
120	19.1	15.7	23.5



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

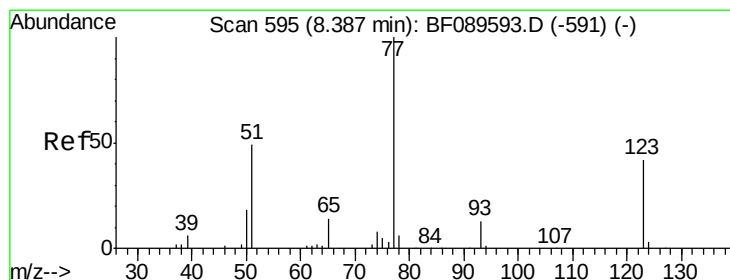
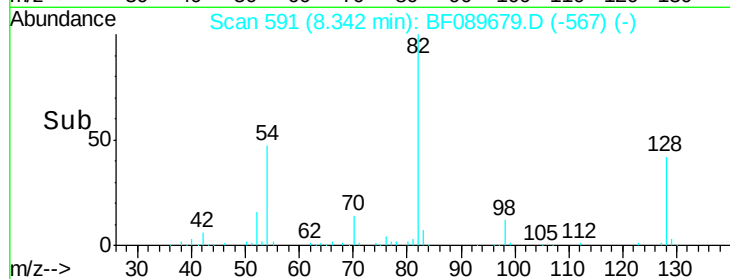
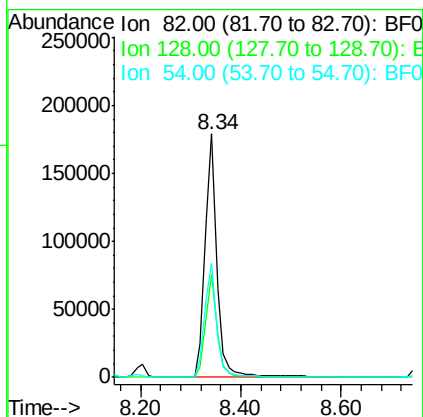
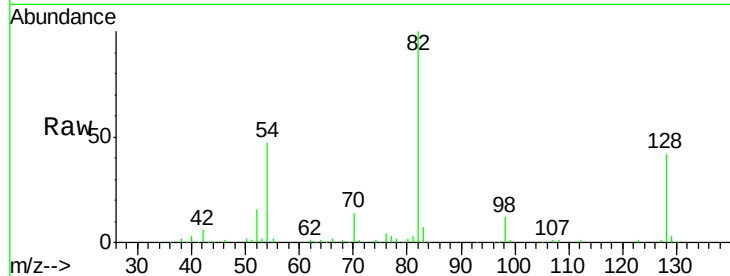




#23
Nitrobenzene-d5
Concen: 75.58 ng
RT: 8.34 min Scan# 591
Delta R.T. -0.02 min
Lab File: BF089679.D
Acq: 9 Aug 2016 3:07

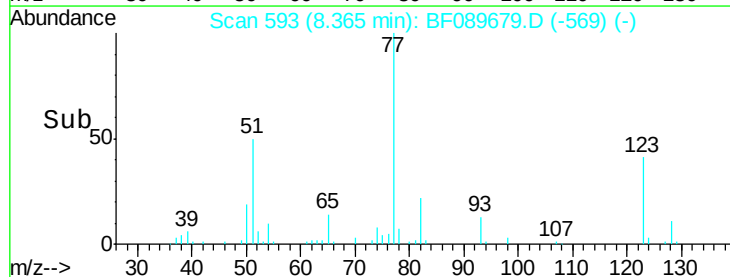
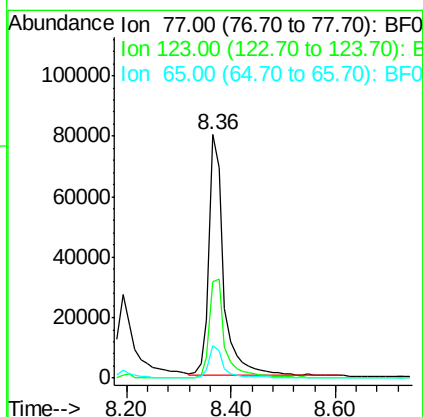
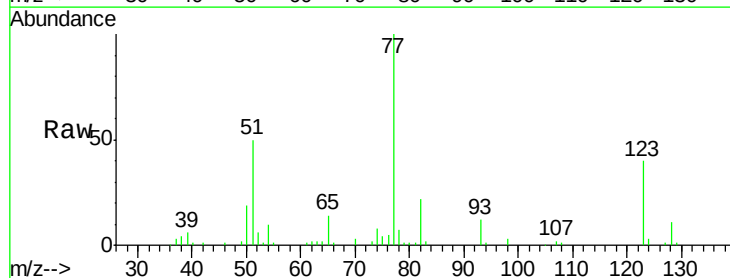
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

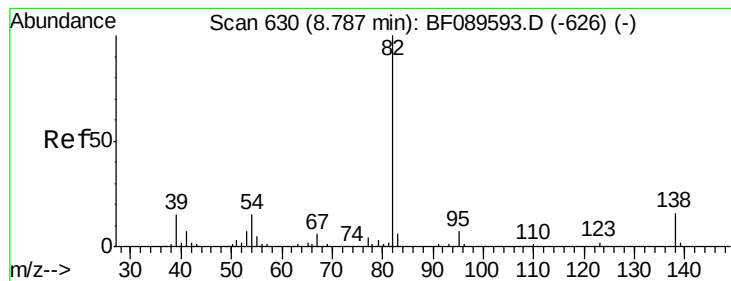
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.4	35.4	53.0
54	47.0	36.4	54.6



#24
Nitrobenzene
Concen: 41.80 ng
RT: 8.36 min Scan# 593
Delta R.T. -0.02 min
Lab File: BF089679.D
Acq: 9 Aug 2016 3:07

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.8	32.6	49.0
65	13.5	11.0	16.6





#25

Isophorone

Concen: 38.23 ng

RT: 8.76 min Scan# 628

Delta R.T. -0.02 min

Lab File: BF089679.D

Acq: 9 Aug 2016 3:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

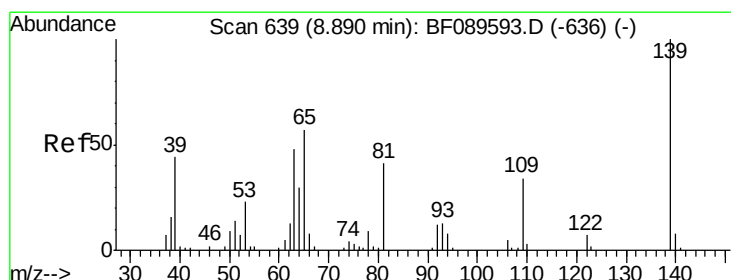
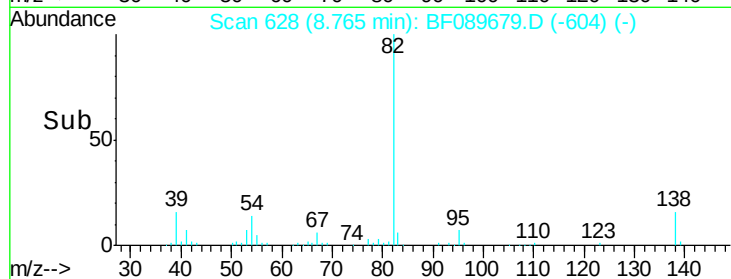
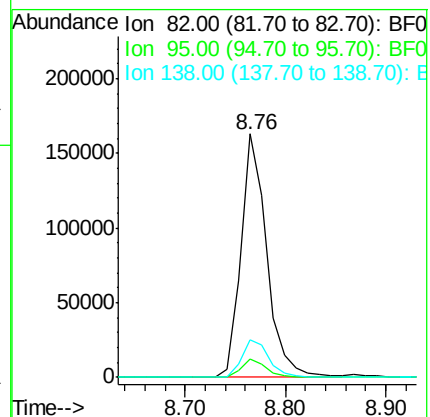
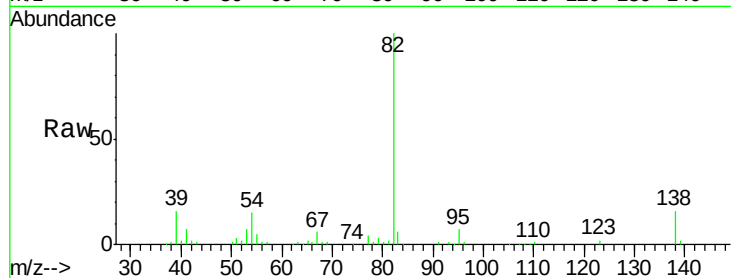
Tgt Ion: 82 Resp: 289951

Ion Ratio Lower Upper

82 100

95 7.4 5.8 8.8

138 15.5 12.6 18.8



#26

2-Nitrophenol

Concen: 40.19 ng

RT: 8.88 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF089679.D

Acq: 9 Aug 2016 3:07

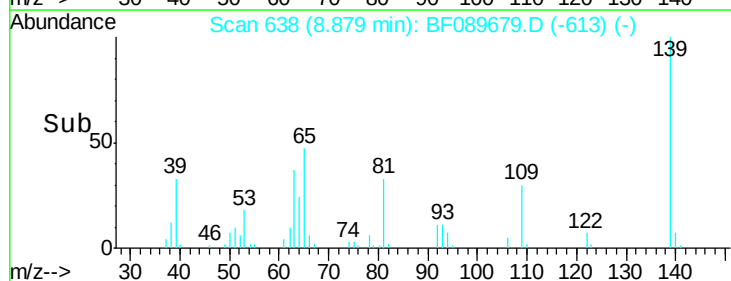
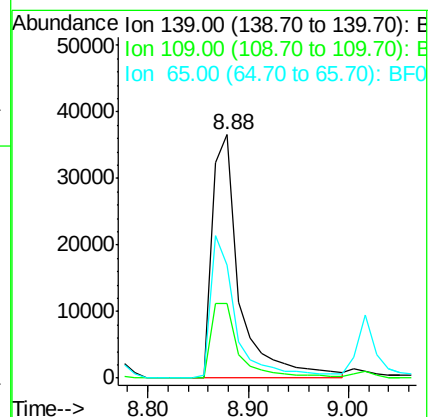
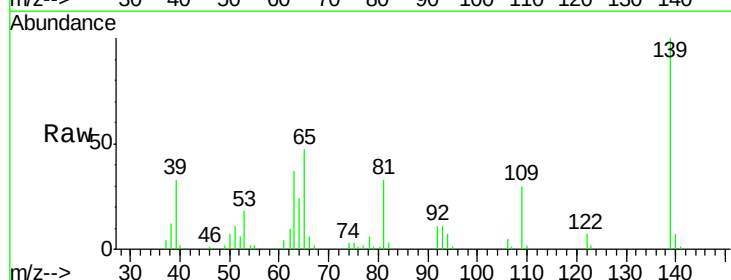
Tgt Ion: 139 Resp: 69388

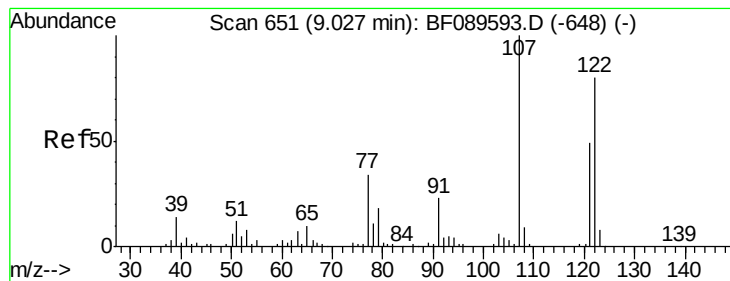
Ion Ratio Lower Upper

139 100

109 30.4 27.5 41.3

65 46.5 45.7 68.5





#27

2,4-Dimethylphenol

Concen: 38.51 ng

RT: 9.02 min Scan# 650

Delta R.T. -0.01 min

Lab File: BF089679.D

Acq: 9 Aug 2016 3:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

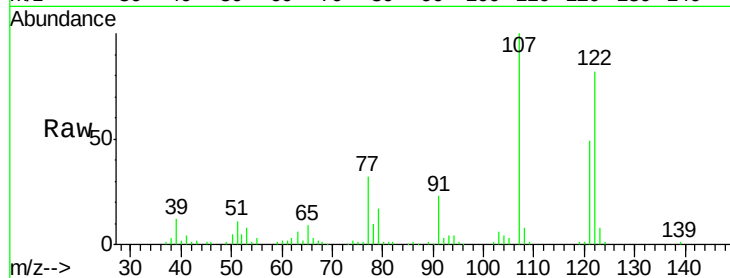
Tgt Ion: 122 Resp: 119537

Ion Ratio Lower Upper

122 100

107 122.1 99.5 149.3

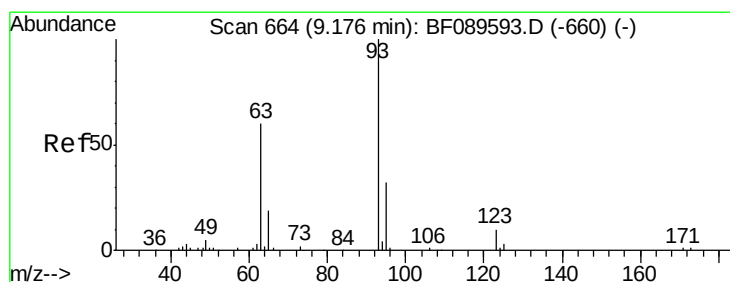
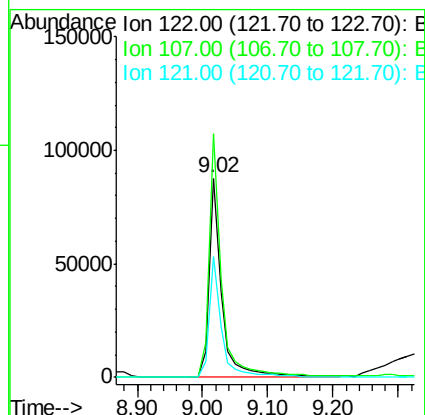
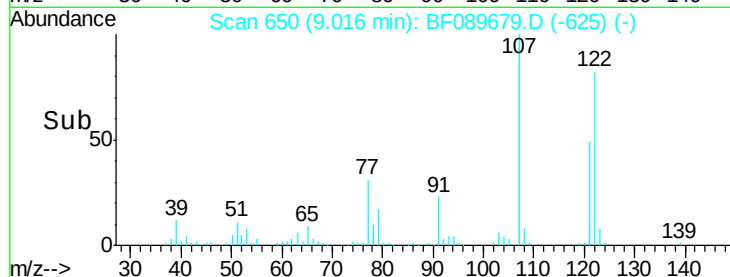
121 60.3 48.5 72.7



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: 36.28 ng

RT: 9.15 min Scan# 662

Delta R.T. -0.02 min

Lab File: BF089679.D

Acq: 9 Aug 2016 3:07

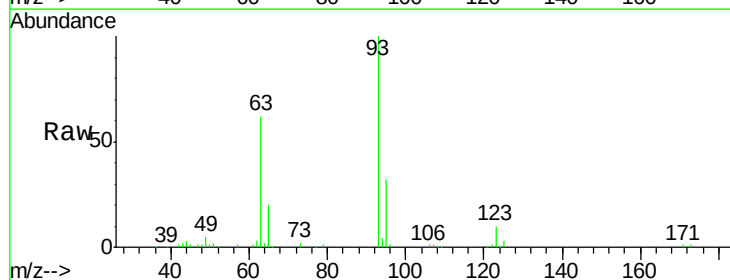
Tgt Ion: 93 Resp: 166487

Ion Ratio Lower Upper

93 100

95 32.1 25.8 38.8

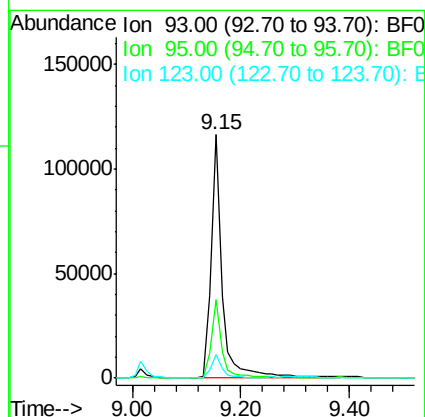
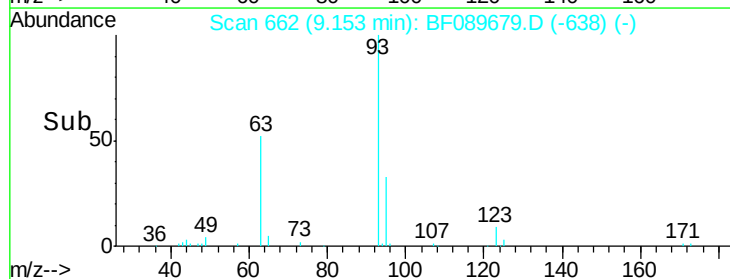
123 9.8 8.0 12.0

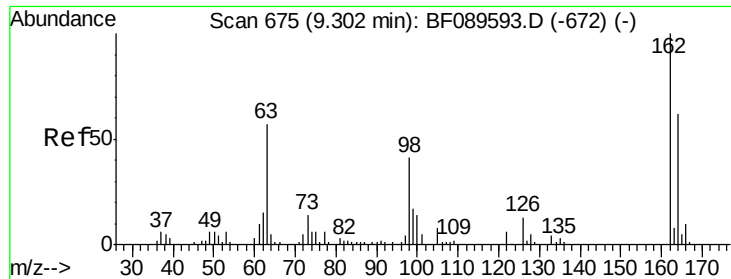


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

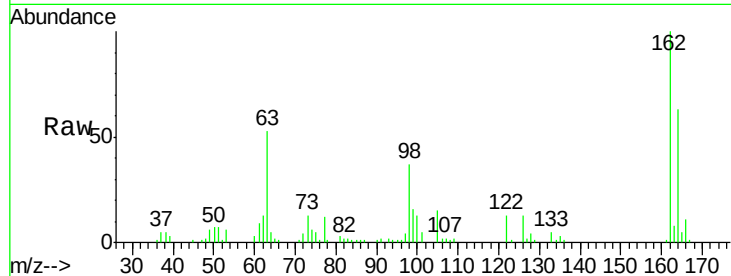




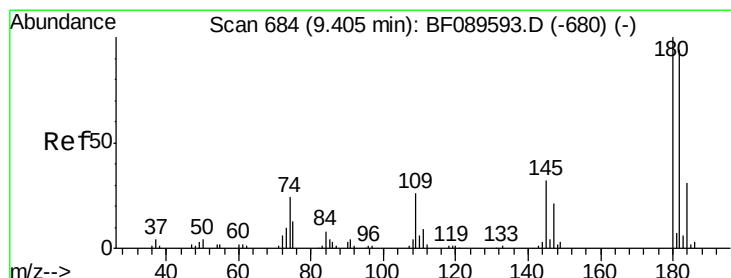
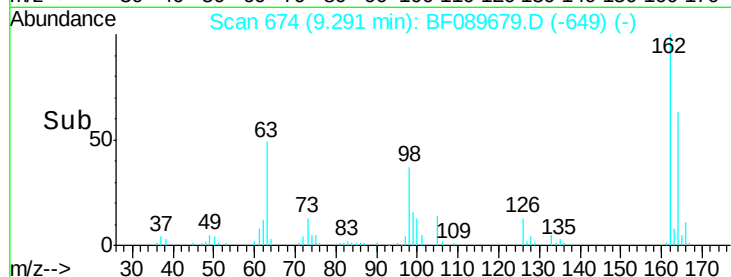
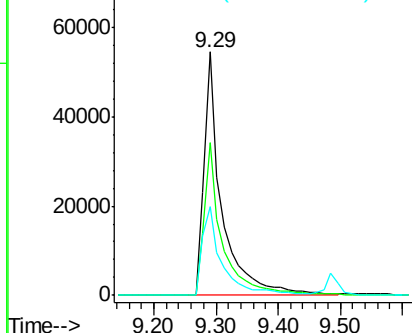
#29
 2,4-Dichlorophenol
 Concen: 36.94 ng
 RT: 9.29 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: BF089679.D
 Acq: 9 Aug 2016 3:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.9	42.3	82.3
98	36.6	21.2	61.2

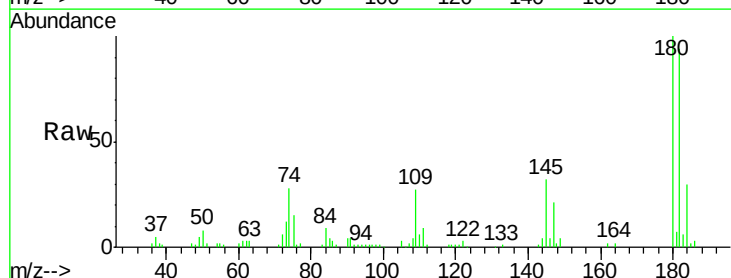


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

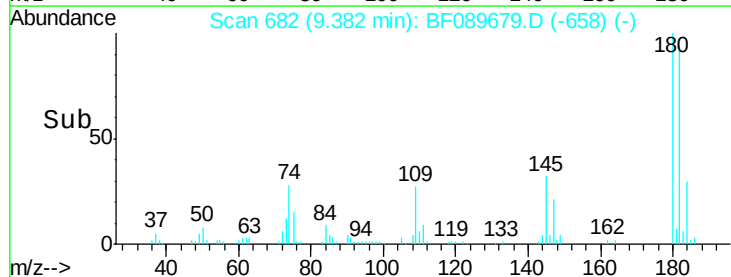
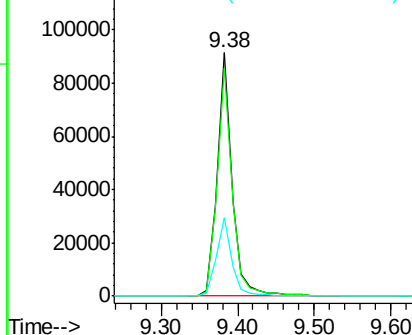


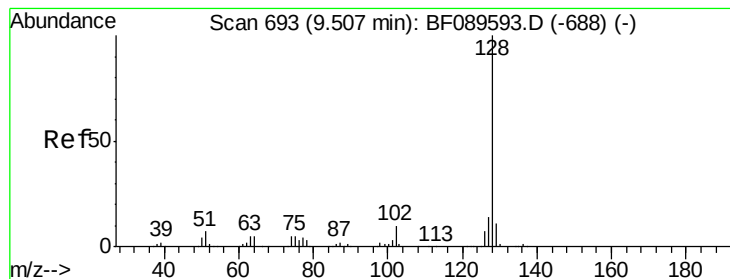
#30
 1,2,4-Trichlorobenzene
 Concen: 36.76 ng
 RT: 9.38 min Scan# 682
 Delta R.T. -0.02 min
 Lab File: BF089679.D
 Acq: 9 Aug 2016 3:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	75.0	112.6
145	32.4	25.6	38.4



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: 35.80 ng

RT: 9.48 min Scan# 691

Delta R.T. -0.02 min

Lab File: BF089679.D

Acq: 9 Aug 2016 3:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

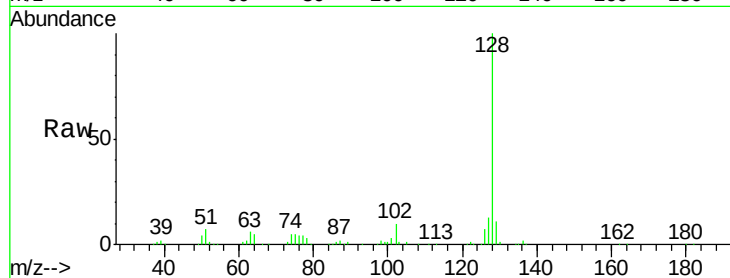
Tgt Ion:128 Resp: 416945

Ion Ratio Lower Upper

128 100

129 11.1 8.7 13.1

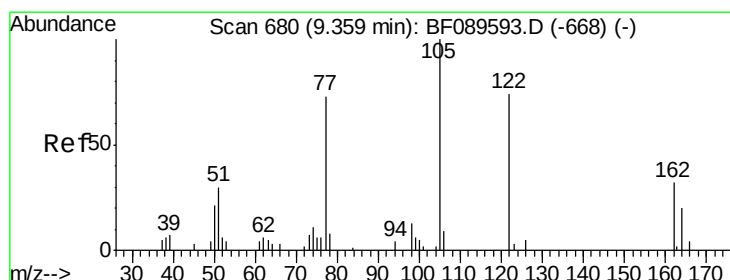
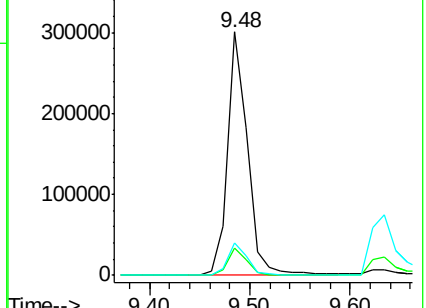
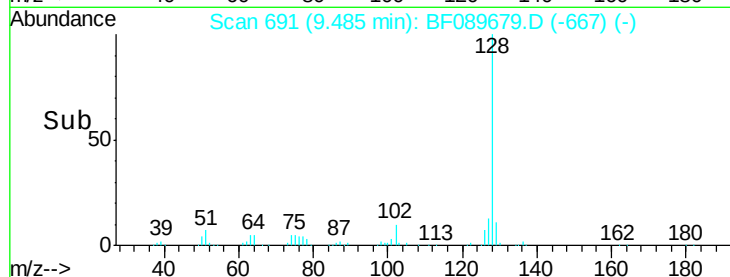
127 13.4 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 20.91 ng

RT: 9.32 min Scan# 677

Delta R.T. -0.03 min

Lab File: BF089679.D

Acq: 9 Aug 2016 3:07

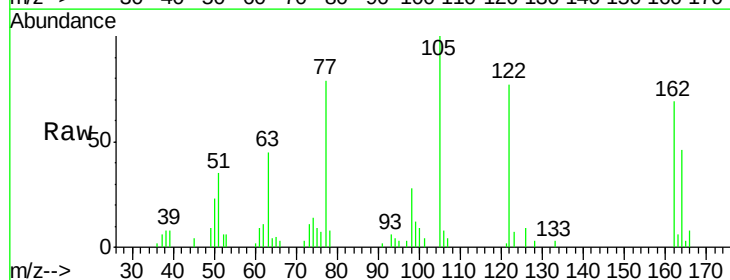
Tgt Ion:122 Resp: 40777

Ion Ratio Lower Upper

122 100

105 130.3 109.9 149.9

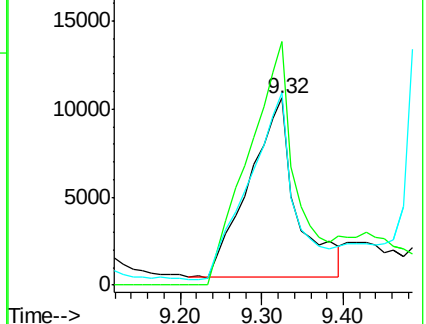
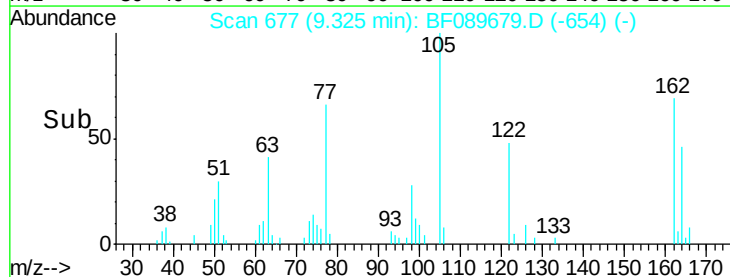
77 102.9 77.5 117.5

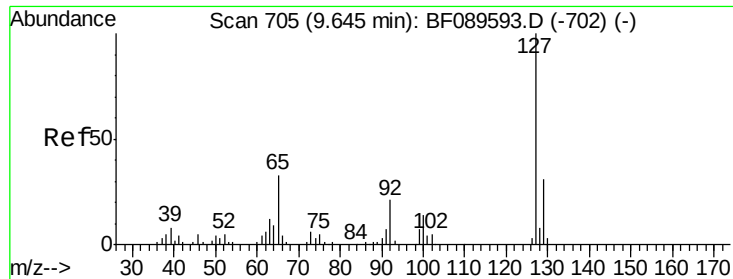


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

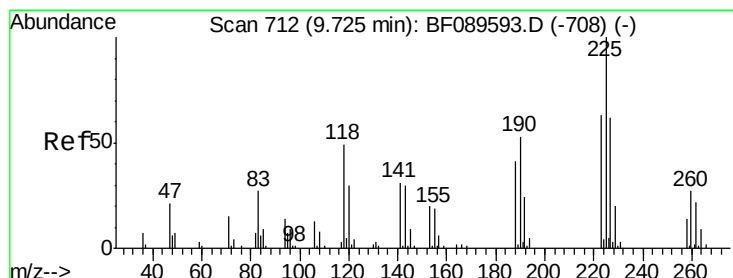
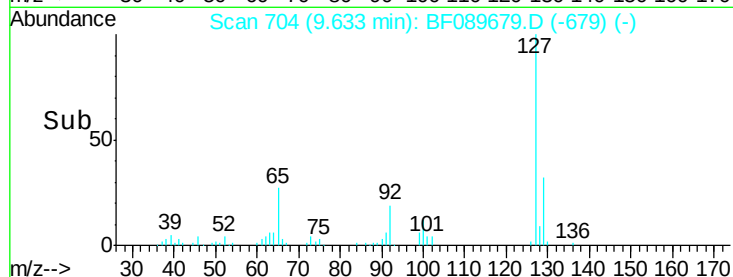
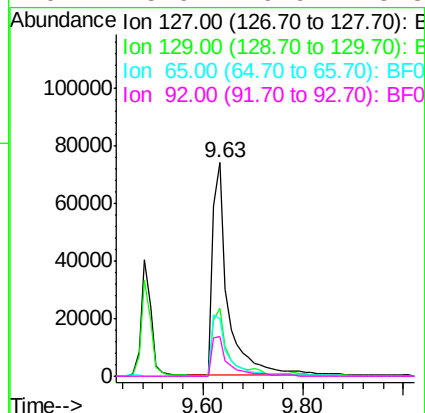
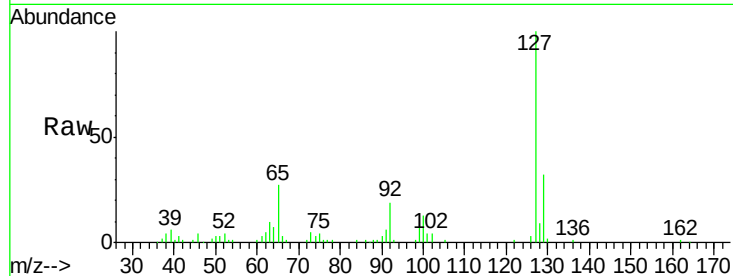




#33
 4-Chloroaniline
 Concen: 36.12 ng
 RT: 9.63 min Scan# 704
 Delta R.T. -0.01 min
 Lab File: BF089679.D
 Acq: 9 Aug 2016 3:07

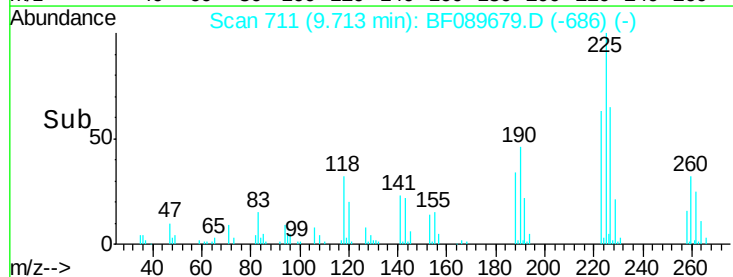
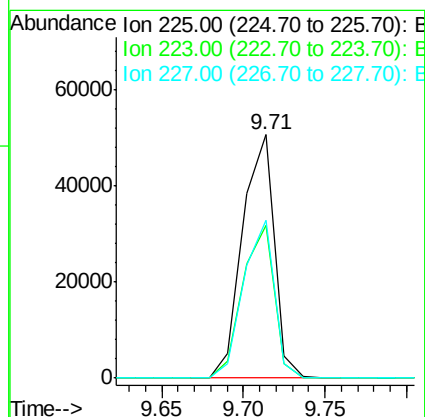
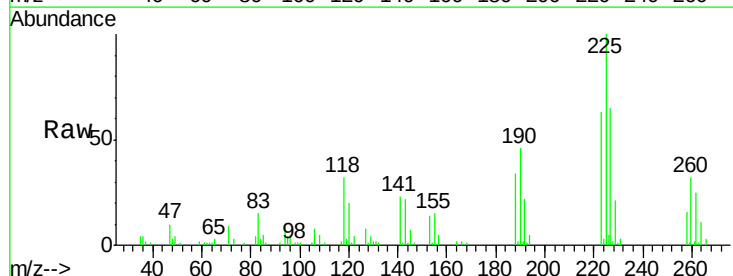
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

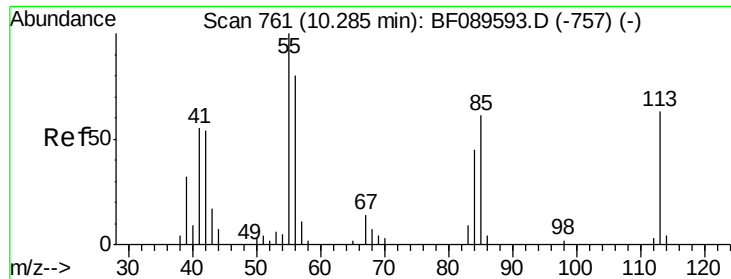
Tgt Ion:	127	Resp:	157988
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.1	37.7
65	27.0	26.2	39.2
92	18.9	16.9	25.3



#34
 Hexachlorobutadiene
 Concen: 35.20 ng
 RT: 9.71 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: BF089679.D
 Acq: 9 Aug 2016 3:07

Tgt Ion:	225	Resp:	67996
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.7	76.1
227	64.8	49.4	74.0

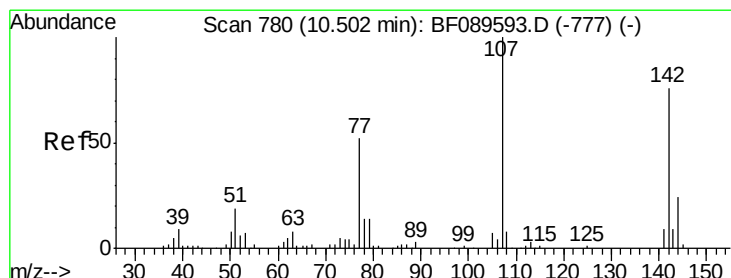
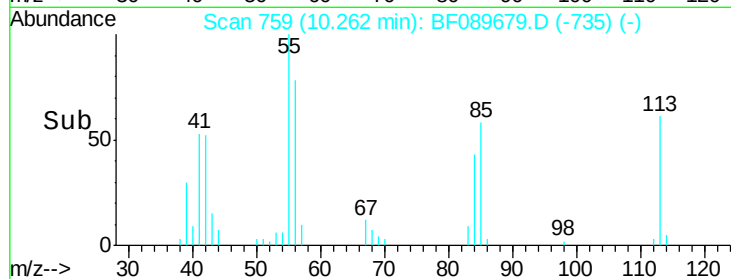
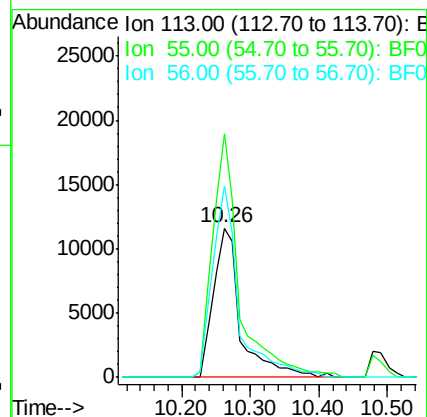
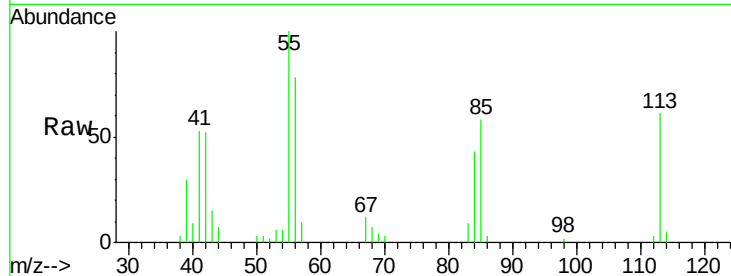




#35
 Caprolactam
 Concen: 37.43 ng
 RT: 10.26 min Scan# 759
 Delta R.T. -0.02 min
 Lab File: BF089679.D
 Acq: 9 Aug 2016 3:07

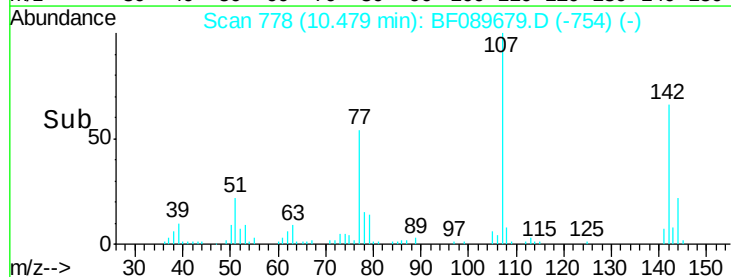
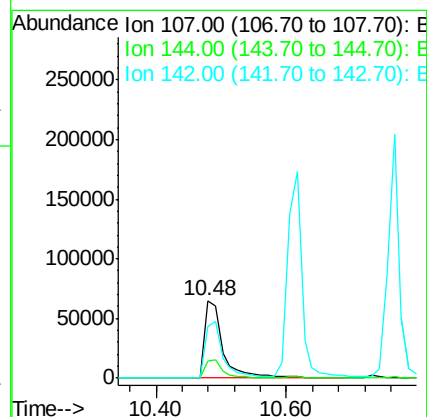
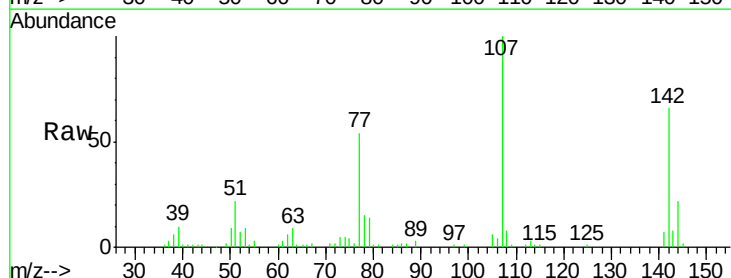
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

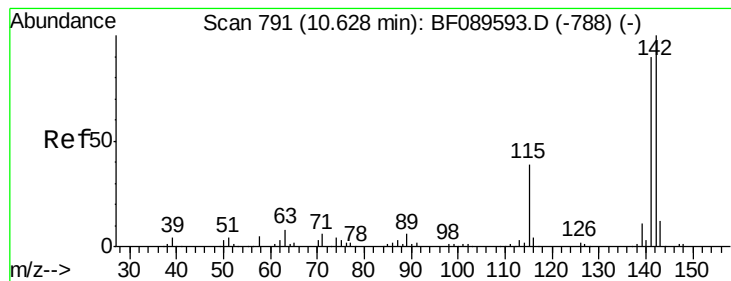
Tgt Ion:113 Resp: 32039
 Ion Ratio Lower Upper
 113 100
 55 163.3 139.6 179.6
 56 128.0 108.2 148.2



#36
 4-Chloro-3-methylphenol
 Concen: 37.12 ng
 RT: 10.48 min Scan# 778
 Delta R.T. -0.02 min
 Lab File: BF089679.D
 Acq: 9 Aug 2016 3:07

Tgt Ion:107 Resp: 126737
 Ion Ratio Lower Upper
 107 100
 144 21.8 18.9 28.3
 142 66.4 60.4 90.6





#37

2-Methylnaphthalene

Concen: 36.01 ng

RT: 10.62 min Scan# 790

Delta R.T. -0.01 min

Lab File: BF089679.D

Acq: 9 Aug 2016 3:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

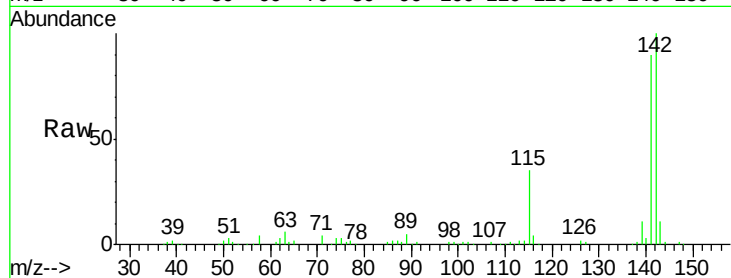
Tgt Ion:142 Resp: 257930

Ion Ratio Lower Upper

142 100

141 90.3 71.8 107.6

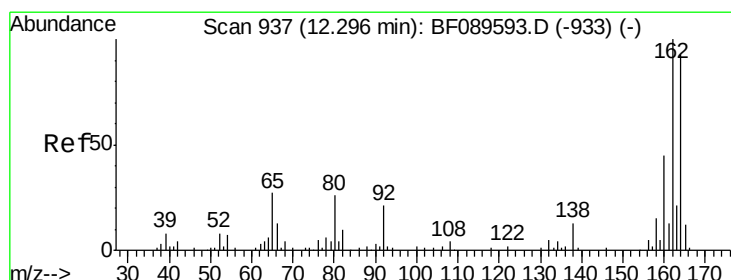
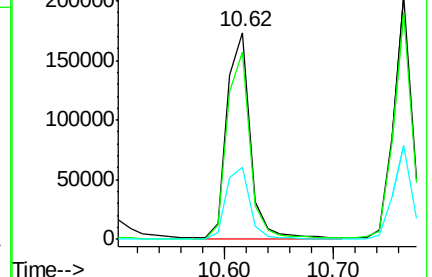
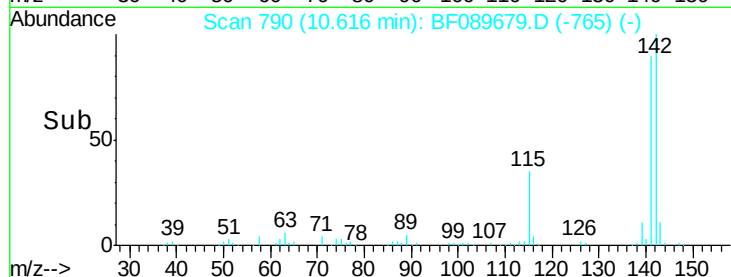
115 34.7 31.0 46.4



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: 12.27 min Scan# 935

Delta R.T. -0.02 min

Lab File: BF089679.D

Acq: 9 Aug 2016 3:07

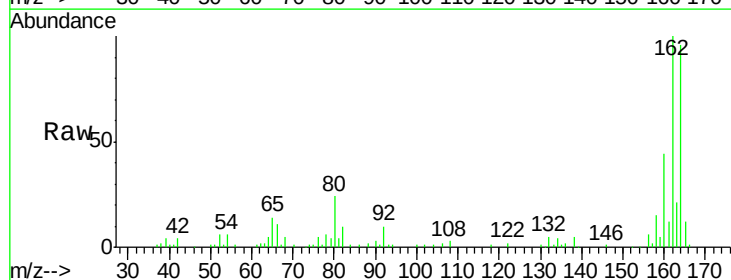
Tgt Ion:164 Resp: 95986

Ion Ratio Lower Upper

164 100

162 104.7 85.7 128.5

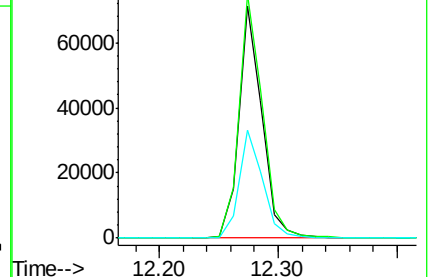
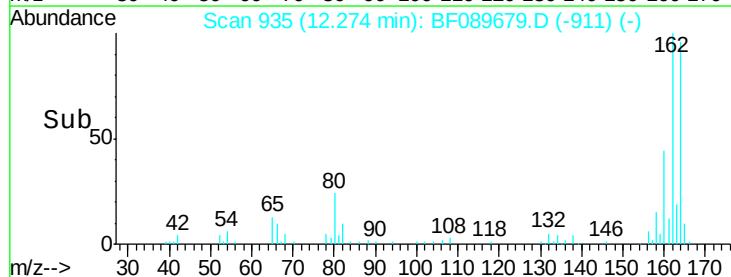
160 46.4 38.2 57.4

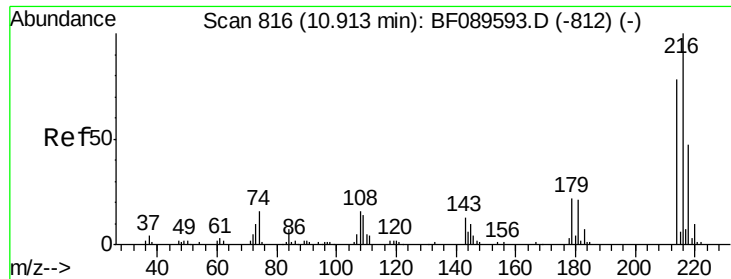


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

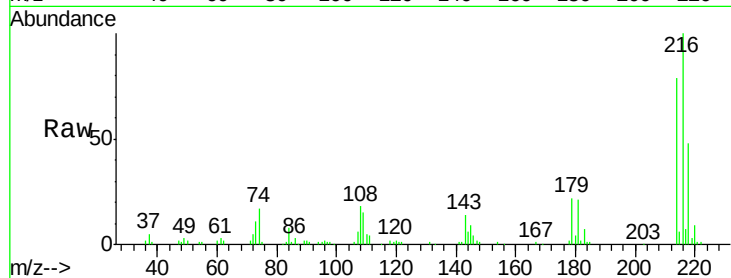




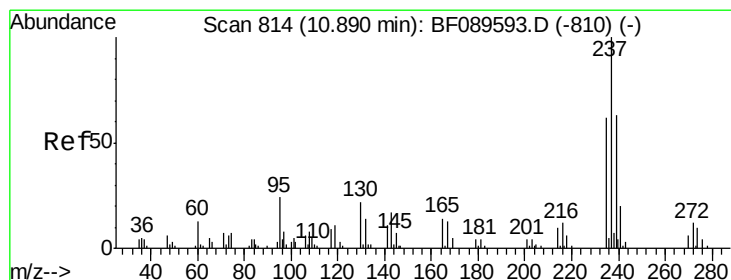
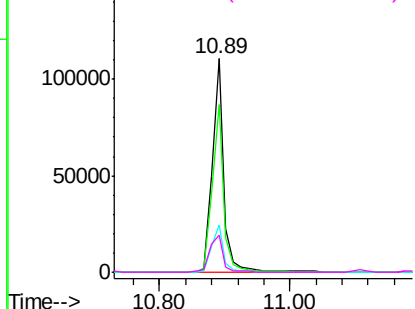
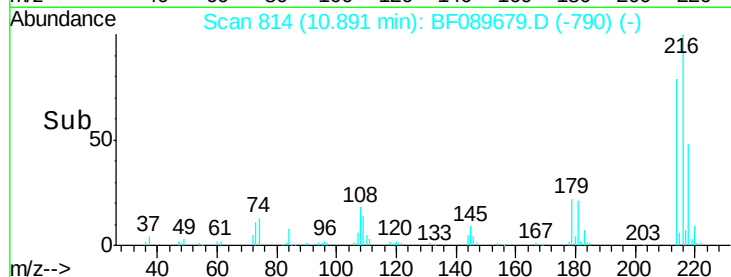
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.27 ng
 RT: 10.89 min Scan# 814
 Delta R.T. -0.02 min
 Lab File: BF089679.D
 Acq: 9 Aug 2016 3:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	216	Resp:	138078
Ion	Ratio	Lower	Upper
216	100		
214	78.8	62.6	94.0
179	22.8	17.8	26.8
108	20.2	16.3	24.5

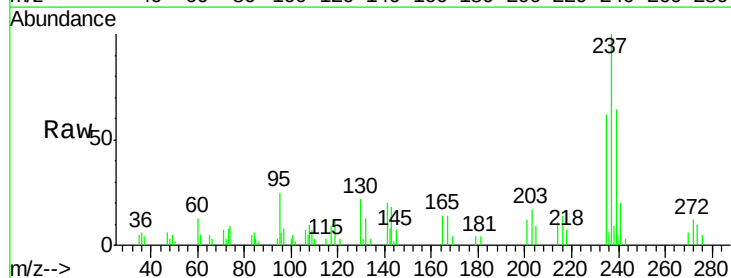


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

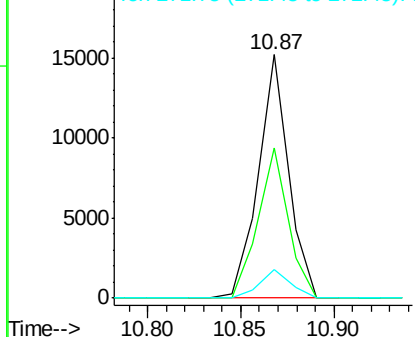
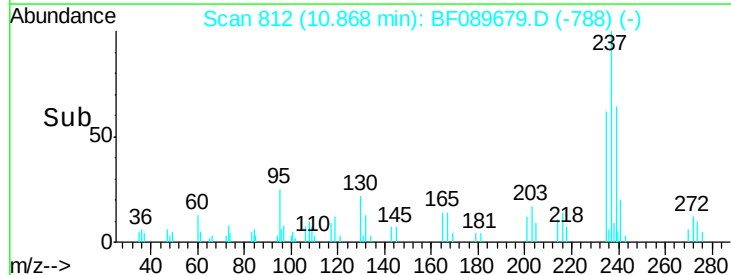


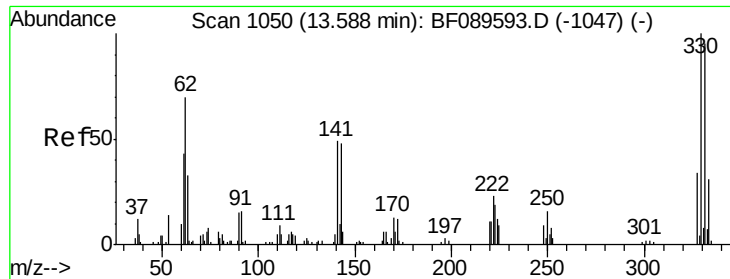
#40
 Hexachlorocyclopentadiene
 Concen: 21.12 ng
 RT: 10.87 min Scan# 812
 Delta R.T. -0.02 min
 Lab File: BF089679.D
 Acq: 9 Aug 2016 3:07

Tgt Ion:	237	Resp:	16988
Ion	Ratio	Lower	Upper
237	100		
235	61.6	41.9	81.9
272	11.7	0.0	32.4



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

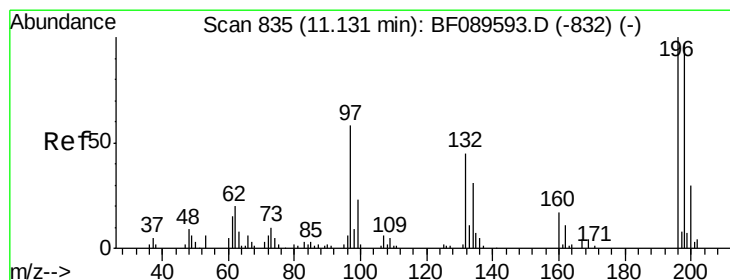
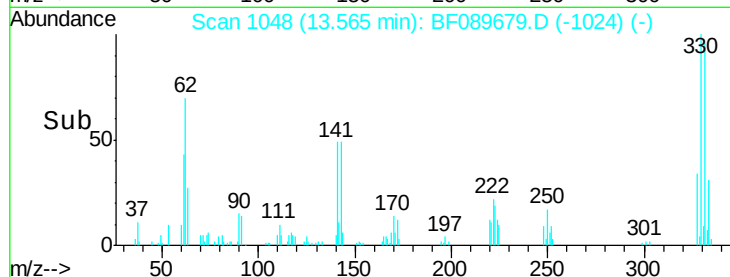
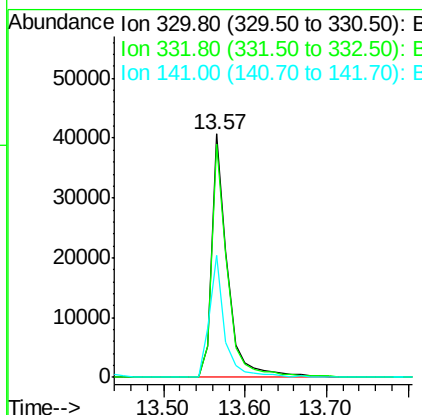
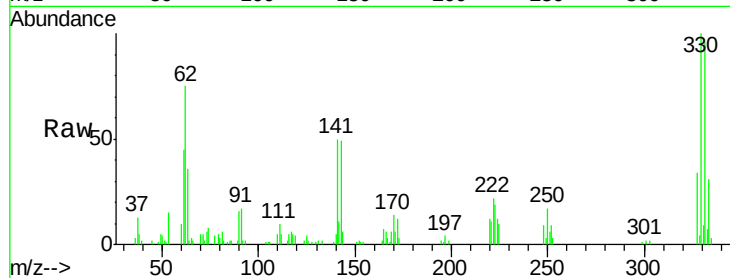




#41
 2,4,6-Tribromophenol
 Concen: 69.83 ng
 RT: 13.57 min Scan# 1048
 Delta R.T. -0.02 min
 Lab File: BF089679.D
 Acq: 9 Aug 2016 3:07

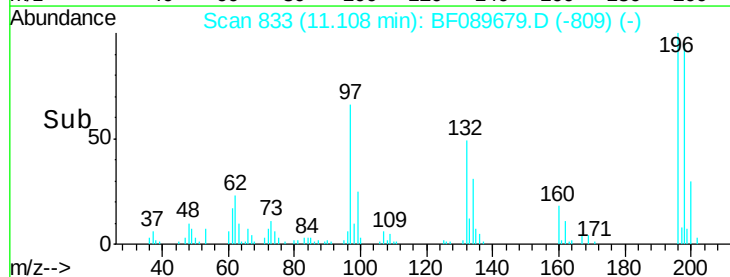
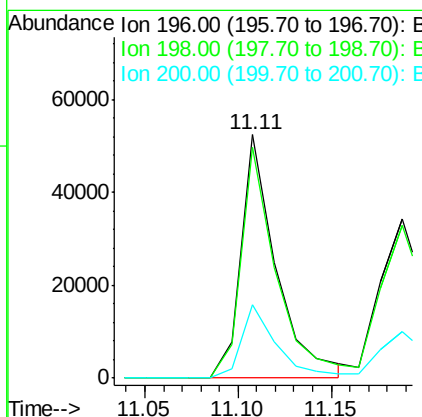
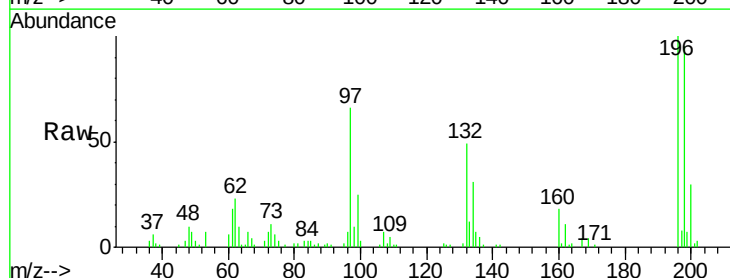
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

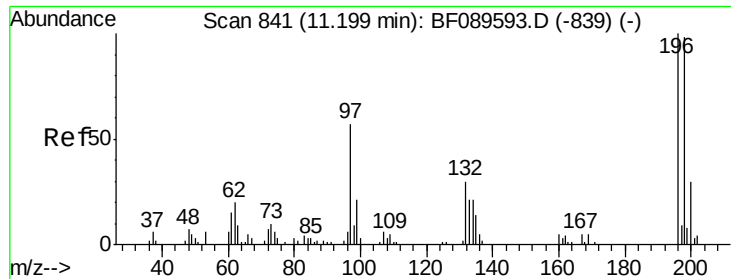
Tgt Ion:330 Resp: 55313
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 49.4 38.6 57.8



#42
 2,4,6-Trichlorophenol
 Concen: 38.88 ng
 RT: 11.11 min Scan# 833
 Delta R.T. -0.02 min
 Lab File: BF089679.D
 Acq: 9 Aug 2016 3:07

Tgt Ion:196 Resp: 69177
 Ion Ratio Lower Upper
 196 100
 198 94.8 77.6 116.4
 200 30.0 23.8 35.8

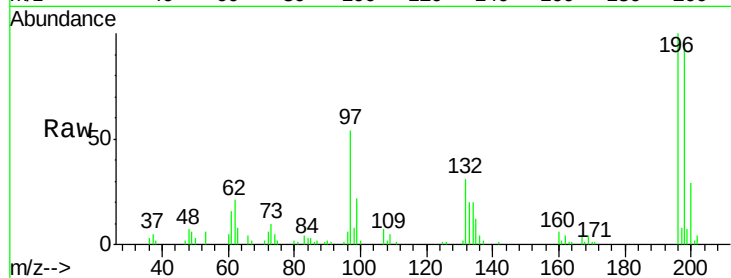




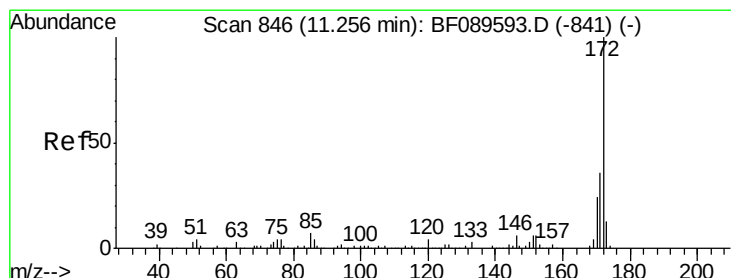
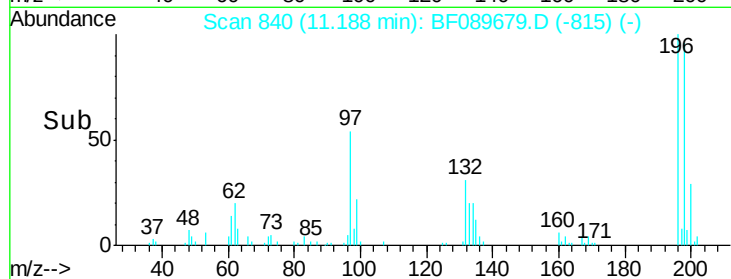
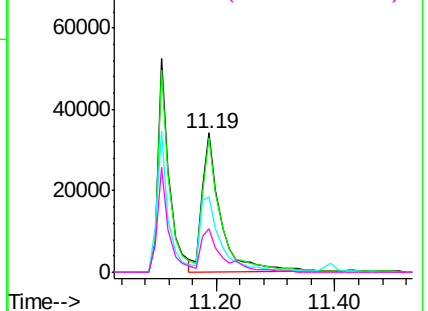
#43
 2,4,5-Trichlorophenol
 Concen: 39.31 ng
 RT: 11.19 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BF089679.D
 Acq: 9 Aug 2016 3:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:196 Resp: 74752
 Ion Ratio Lower Upper
 196 100
 198 96.4 77.8 116.6
 97 54.2 45.8 68.6
 132 31.3 25.1 37.7

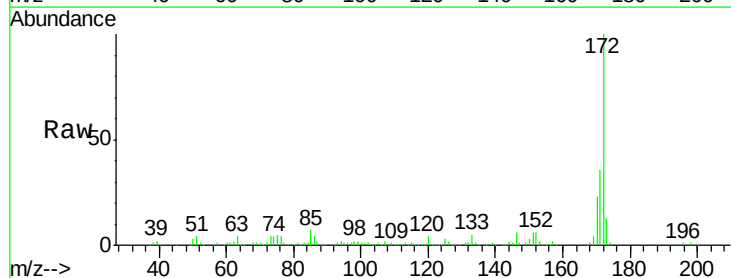


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

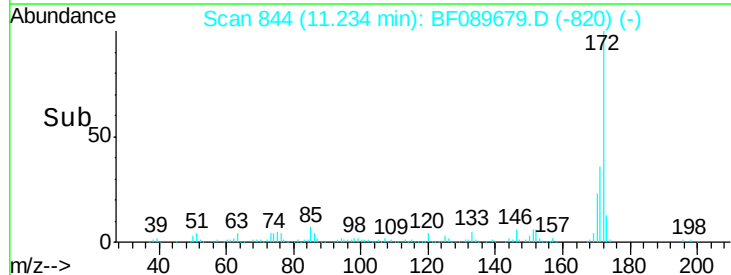
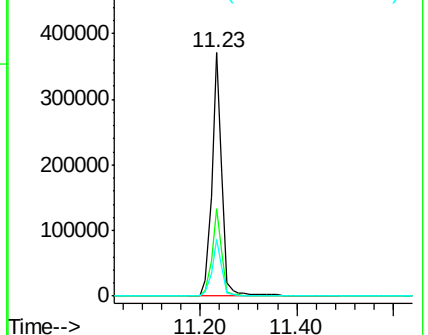


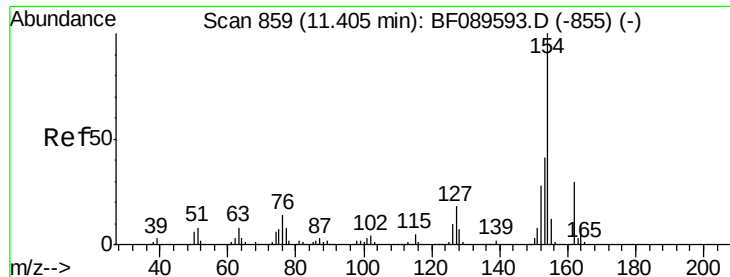
#44
 2-Fluorobiphenyl
 Concen: 73.14 ng
 RT: 11.23 min Scan# 844
 Delta R.T. -0.02 min
 Lab File: BF089679.D
 Acq: 9 Aug 2016 3:07

Tgt Ion:172 Resp: 540172
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.9 43.3
 170 23.5 19.0 28.6



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

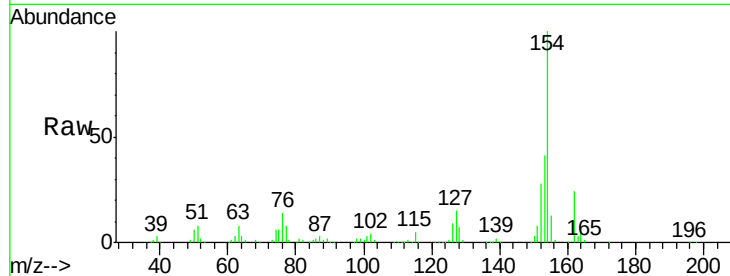




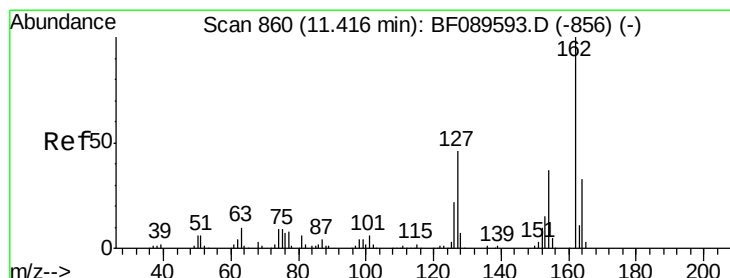
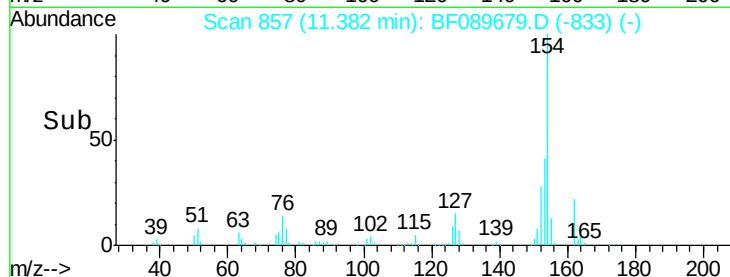
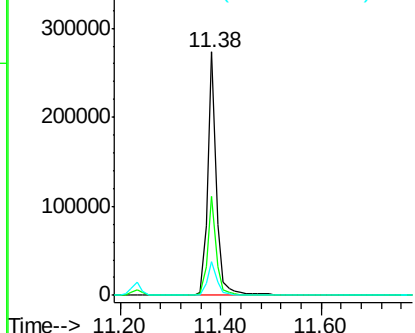
#45
 1,1'-Biphenyl
 Concen: 38.15 ng
 RT: 11.38 min Scan# 857
 Delta R.T. -0.02 min
 Lab File: BF089679.D
 Acq: 9 Aug 2016 3:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:154 Resp: 330249
 Ion Ratio Lower Upper
 154 100
 153 40.6 20.6 60.6
 76 14.1 0.0 33.7

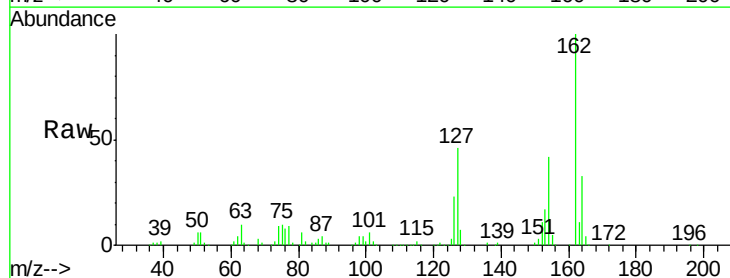


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

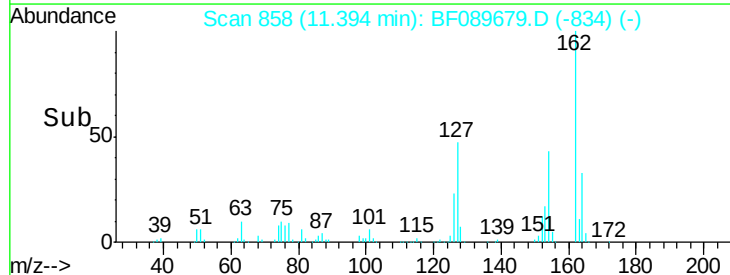
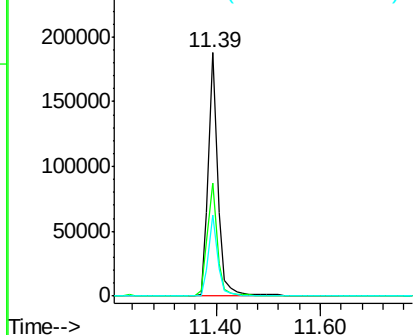


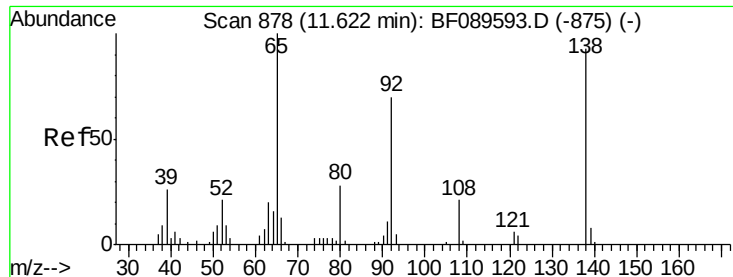
#46
 2-Chloronaphthalene
 Concen: 37.66 ng
 RT: 11.39 min Scan# 858
 Delta R.T. -0.02 min
 Lab File: BF089679.D
 Acq: 9 Aug 2016 3:07

Tgt Ion:162 Resp: 244425
 Ion Ratio Lower Upper
 162 100
 127 46.3 36.6 54.8
 164 33.0 26.8 40.2



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

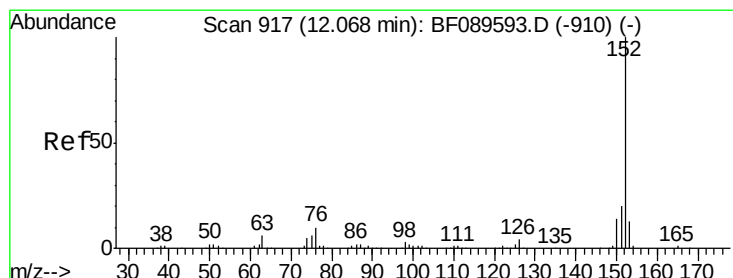
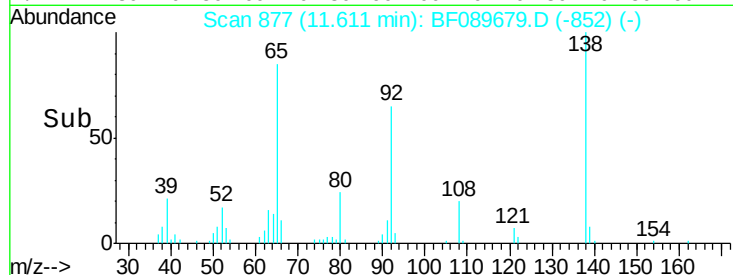
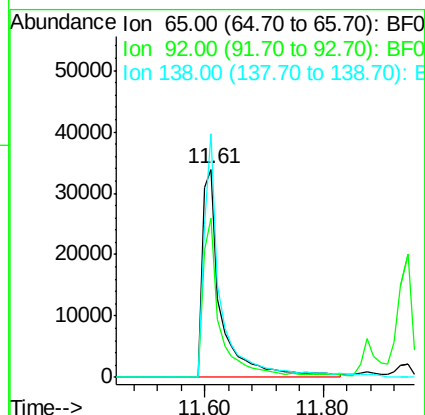
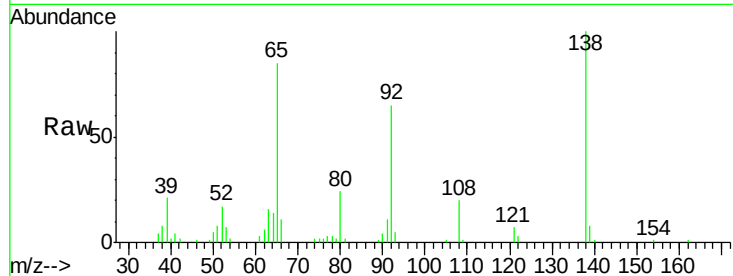




#47
2-Nitroaniline
Concen: 36.05 ng
RT: 11.61 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF089679.D
Acq: 9 Aug 2016 3:07

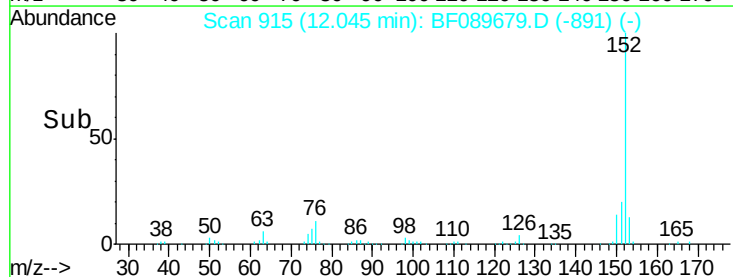
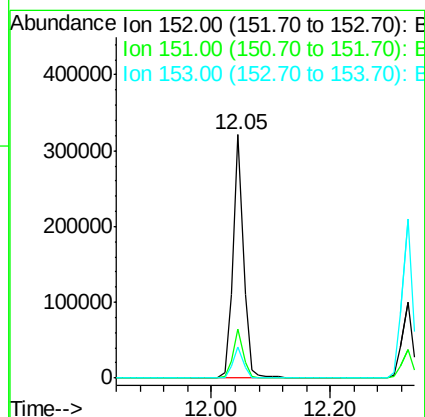
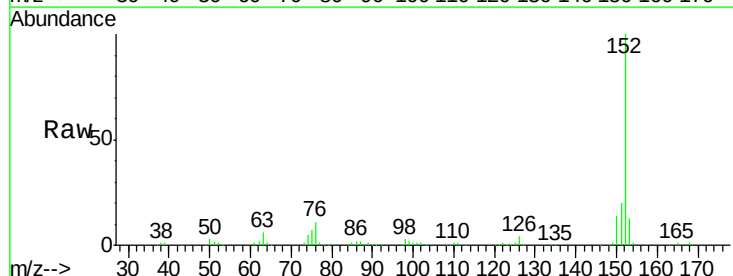
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

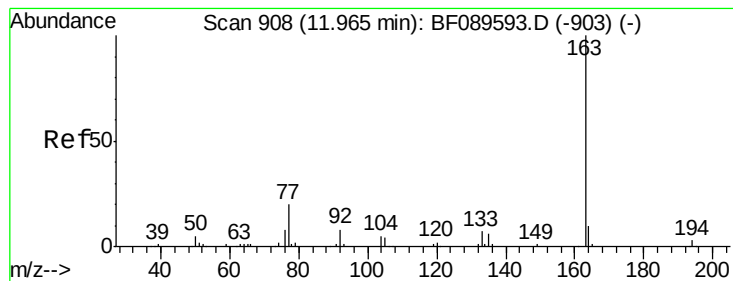
Tgt Ion: 65 Resp: 75423
Ion Ratio Lower Upper
65 100
92 76.3 56.3 84.5
138 117.1 74.3 111.5#



#48
Acenaphthylene
Concen: 37.17 ng
RT: 12.05 min Scan# 915
Delta R.T. -0.02 min
Lab File: BF089679.D
Acq: 9 Aug 2016 3:07

Tgt Ion: 152 Resp: 397316
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 12.7 10.5 15.7





#49

Dimethylphthalate

Concen: 40.11 ng

RT: 11.94 min Scan# 906

Delta R.T. -0.02 min

Lab File: BF089679.D

Acq: 9 Aug 2016 3:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

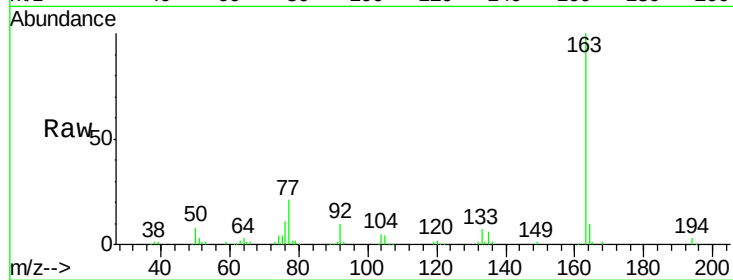
Tgt Ion:163 Resp: 301770

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

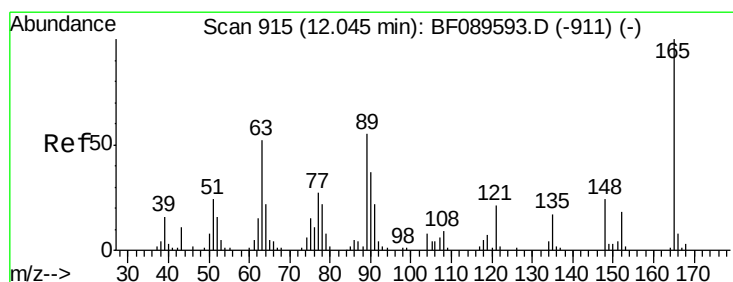
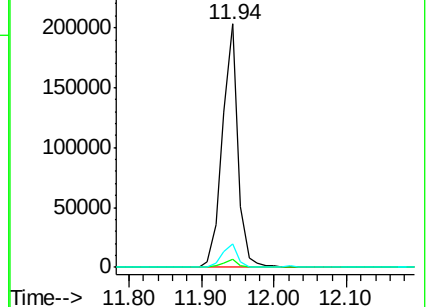
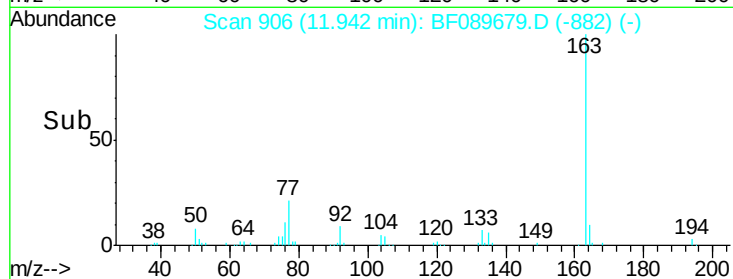
164 9.9 7.8 11.6



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: 40.45 ng

RT: 12.02 min Scan# 913

Delta R.T. -0.02 min

Lab File: BF089679.D

Acq: 9 Aug 2016 3:07

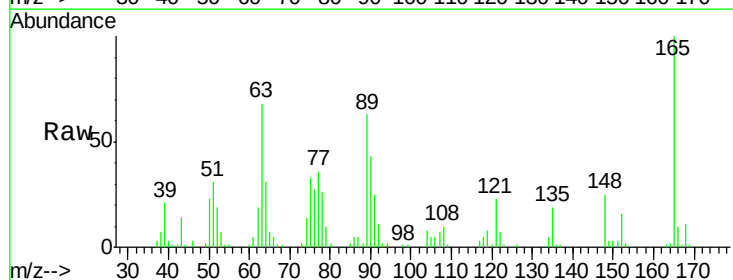
Tgt Ion:165 Resp: 60506

Ion Ratio Lower Upper

165 100

63 68.2 44.6 67.0#

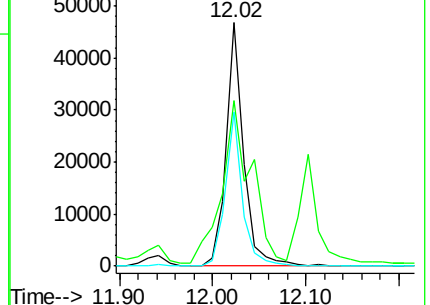
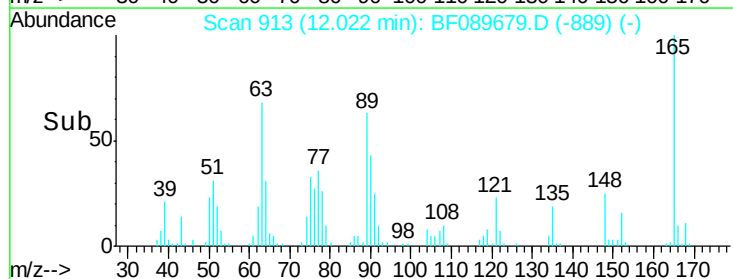
89 63.2 44.2 66.2

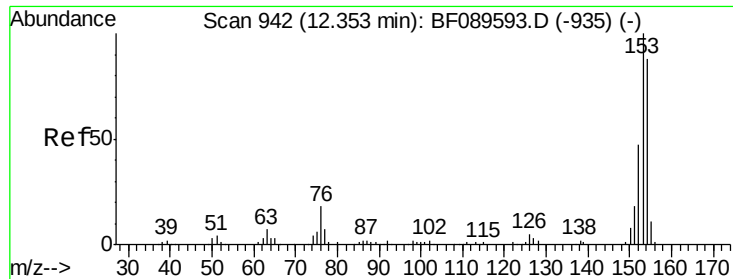


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 36.47 ng

RT: 12.33 min Scan# 940

Delta R.T. -0.02 min

Lab File: BF089679.D

Acq: 9 Aug 2016 3:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

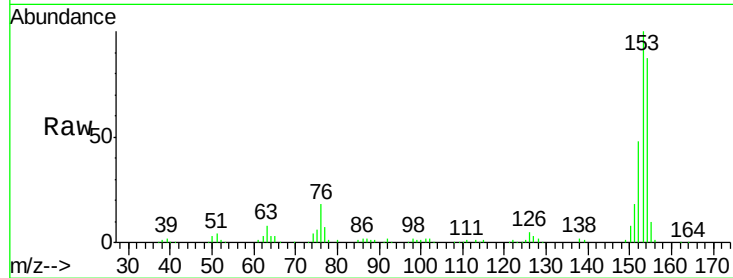
Tgt Ion:154 Resp: 225199

Ion Ratio Lower Upper

154 100

153 114.8 91.1 136.7

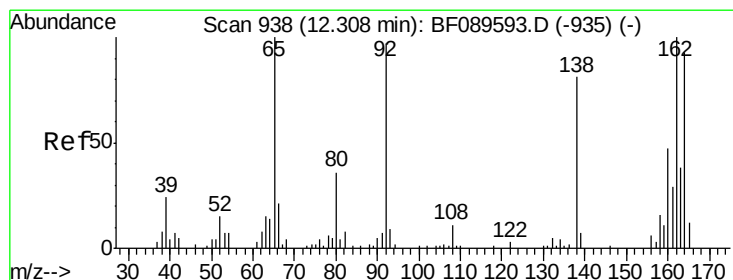
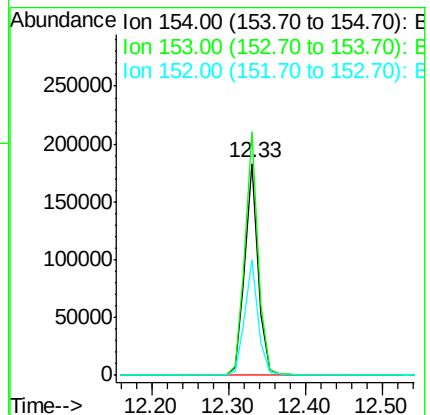
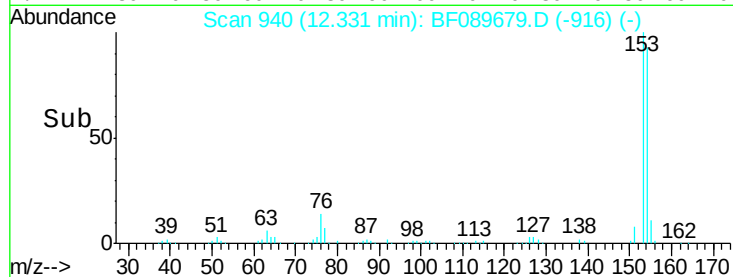
152 54.7 43.5 65.3



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: 35.94 ng

RT: 12.29 min Scan# 936

Delta R.T. -0.02 min

Lab File: BF089679.D

Acq: 9 Aug 2016 3:07

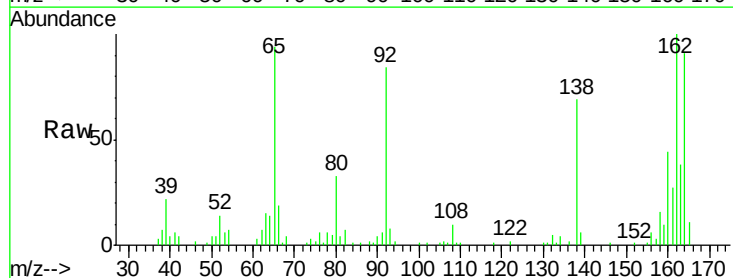
Tgt Ion:138 Resp: 64304

Ion Ratio Lower Upper

138 100

108 14.4 10.7 16.1

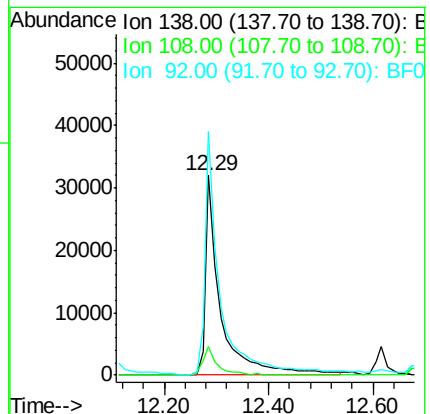
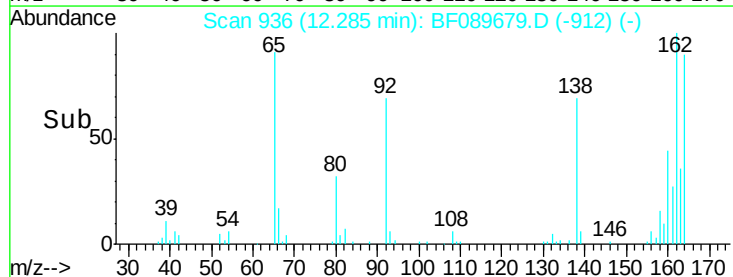
92 121.8 96.6 145.0

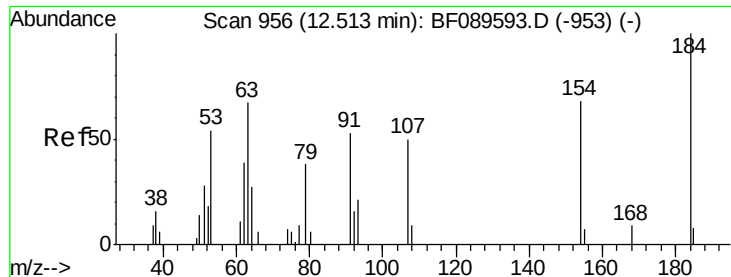


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

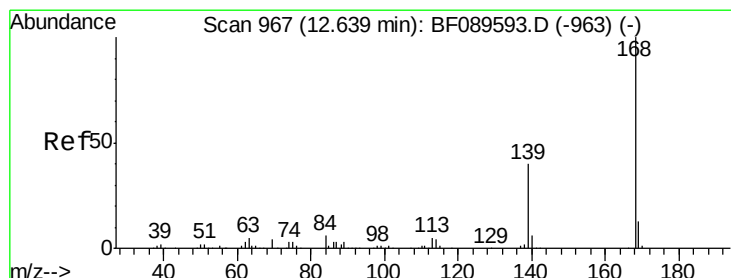
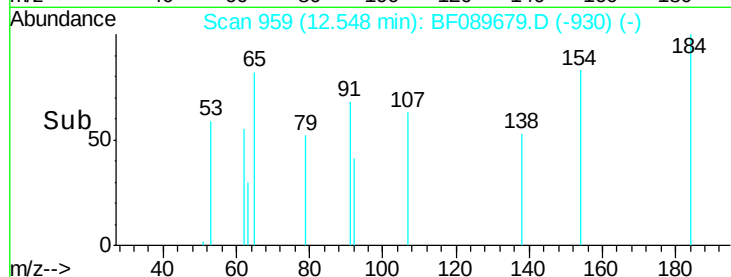
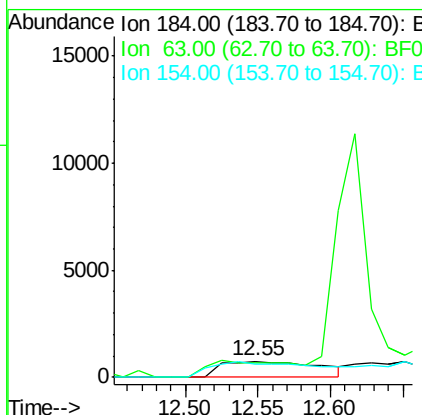
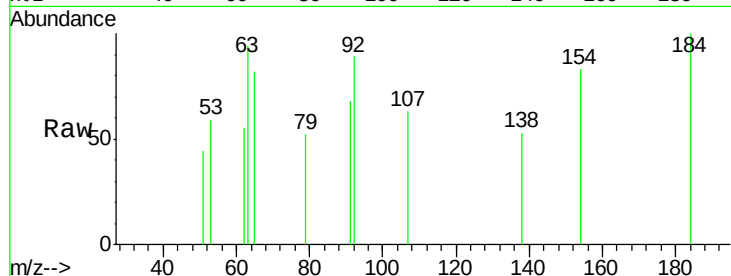




#53
 2,4-Dinitrophenol
 Concen: 12.04 ng
 RT: 12.55 min Scan# 959
 Delta R.T. 0.04 min
 Lab File: BF089679.D
 Acq: 9 Aug 2016 3:07

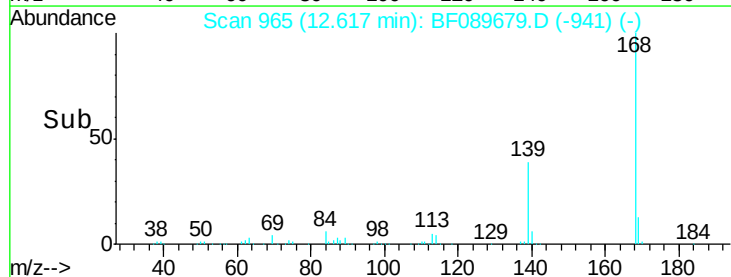
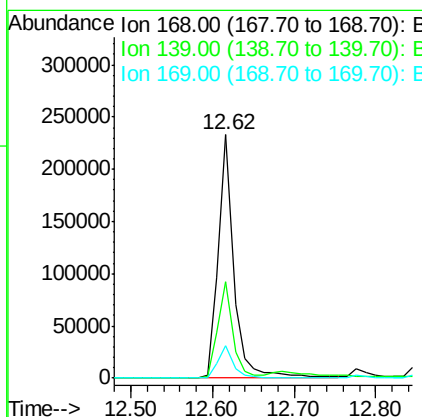
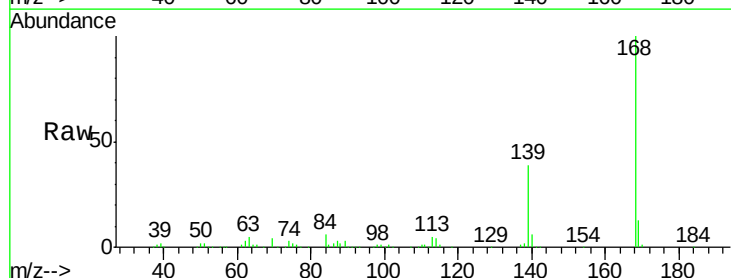
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

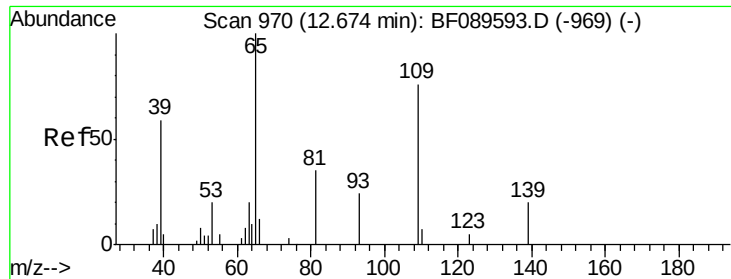
Tgt Ion:184 Resp: 3500
 Ion Ratio Lower Upper
 184 100
 63 93.8 59.0 88.6#
 154 83.2 60.0 90.0



#54
 Dibenzofuran
 Concen: 36.87 ng
 RT: 12.62 min Scan# 965
 Delta R.T. -0.02 min
 Lab File: BF089679.D
 Acq: 9 Aug 2016 3:07

Tgt Ion:168 Resp: 312985
 Ion Ratio Lower Upper
 168 100
 139 39.4 32.3 48.5
 169 13.2 10.6 15.8





#55

4-Nitrophenol

Concen: Below Cal

RT: 12.62 min Scan# 965

Delta R.T. -0.06 min

Lab File: BF089679.D

Acq: 9 Aug 2016 3:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

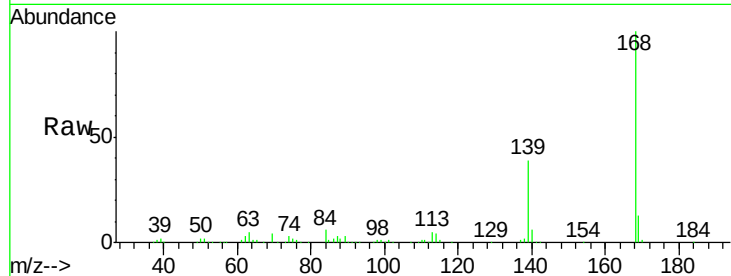
Tgt Ion:139 Resp: 119258

Ion Ratio Lower Upper

139 100

109 0.9 28.9 68.9#

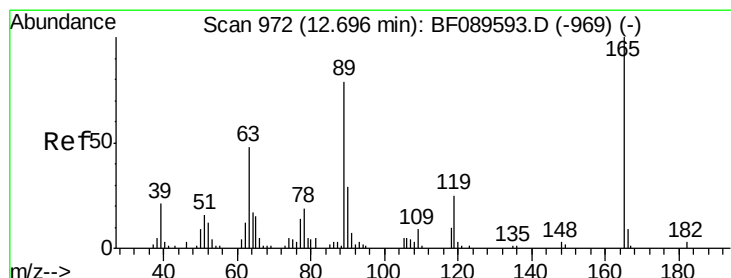
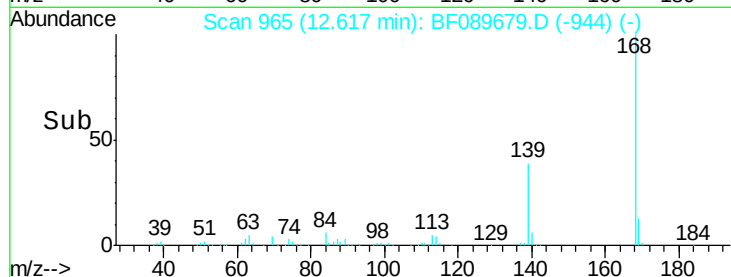
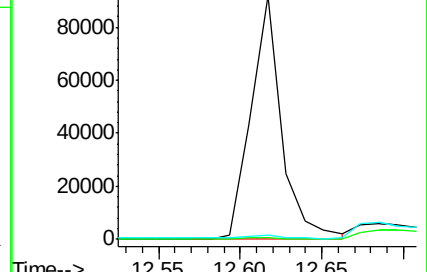
65 1.7 49.2 89.2#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 38.50 ng

RT: 12.69 min Scan# 971

Delta R.T. -0.01 min

Lab File: BF089679.D

Acq: 9 Aug 2016 3:07

Tgt Ion:165 Resp: 80997

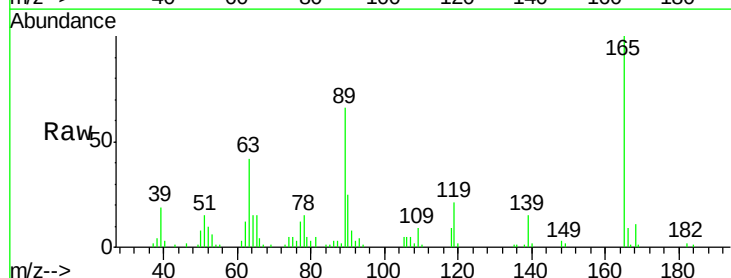
Ion Ratio Lower Upper

165 100

63 41.6 42.2 63.4#

89 65.9 64.4 96.6

182 2.2 2.1 3.1

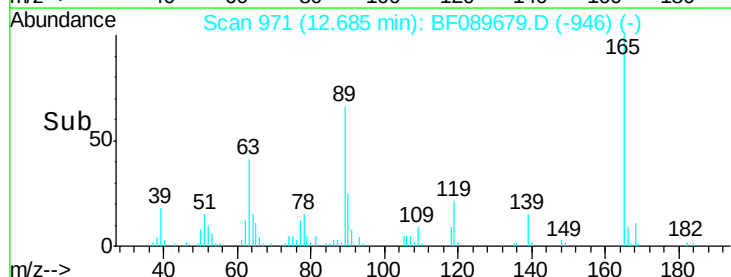
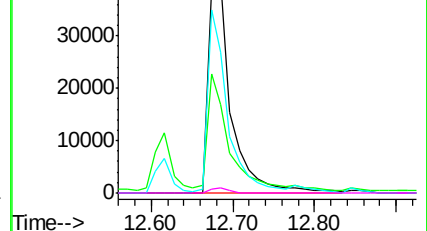


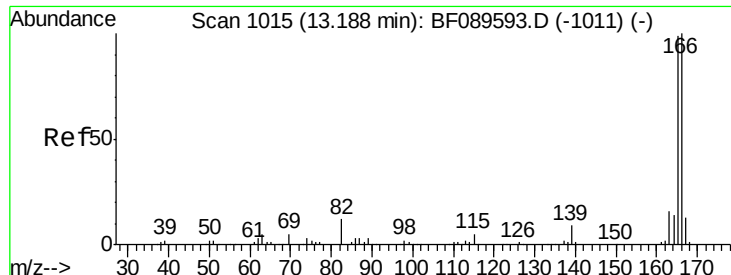
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

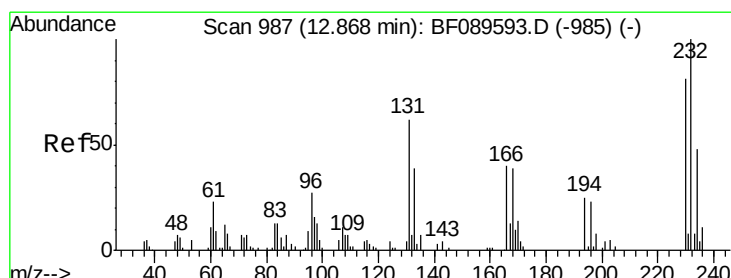
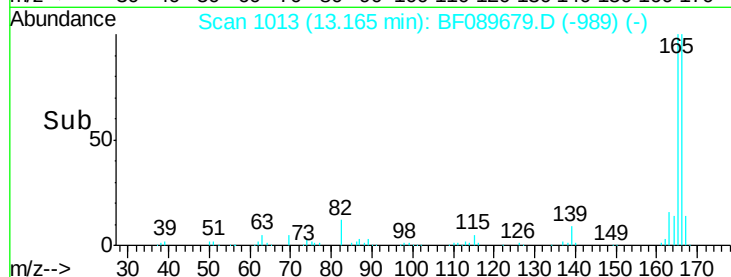
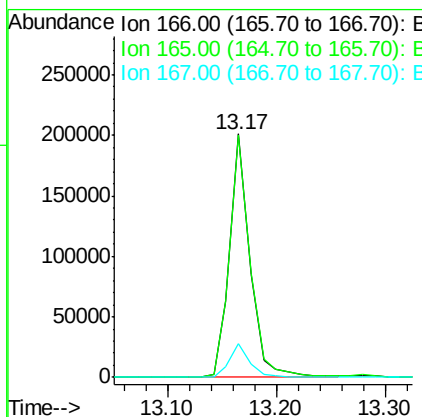
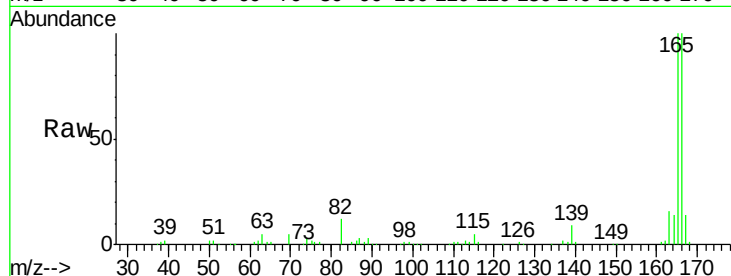




#57
 Fluorene
 Concen: 36.36 ng
 RT: 13.17 min Scan# 1013
 Delta R.T. -0.02 min
 Lab File: BF089679.D
 Acq: 9 Aug 2016 3:07

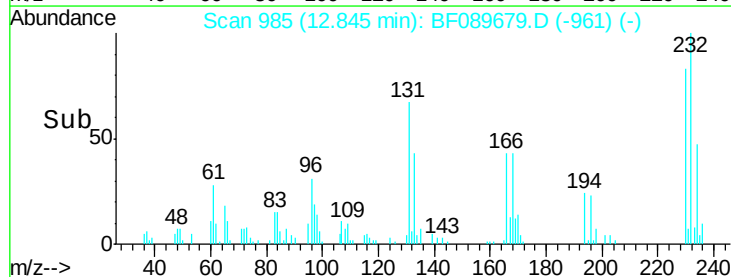
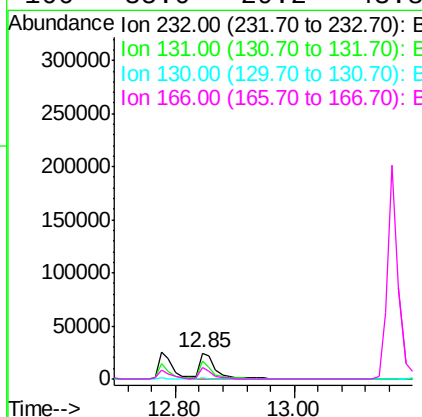
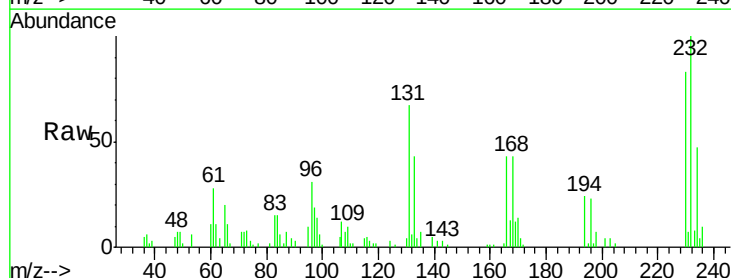
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

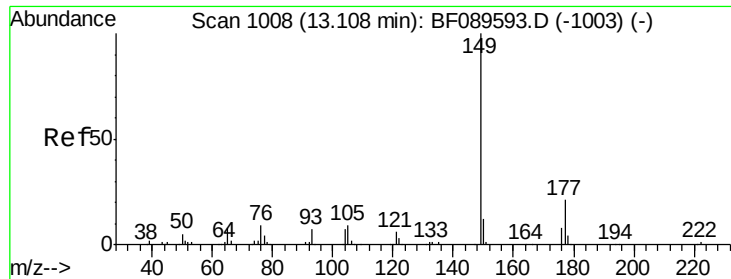
Tgt Ion:166 Resp: 263809
 Ion Ratio Lower Upper
 166 100
 165 99.6 78.9 118.3
 167 13.7 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 34.22 ng
 RT: 12.85 min Scan# 985
 Delta R.T. -0.02 min
 Lab File: BF089679.D
 Acq: 9 Aug 2016 3:07

Tgt Ion:232 Resp: 49409
 Ion Ratio Lower Upper
 232 100
 131 54.9 46.2 69.2
 130 2.0 1.7 2.5
 166 35.0 29.2 43.8

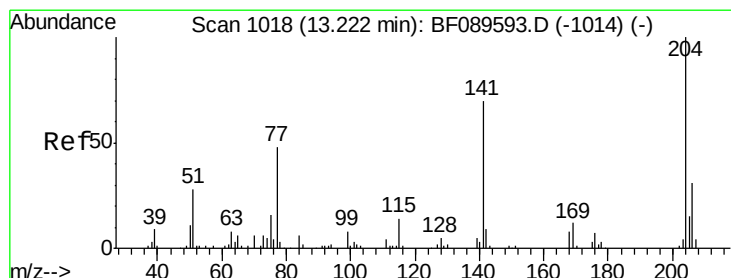
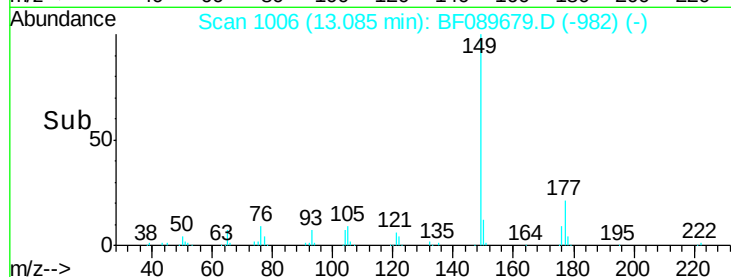
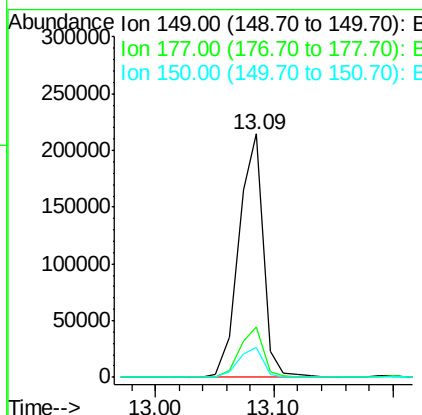
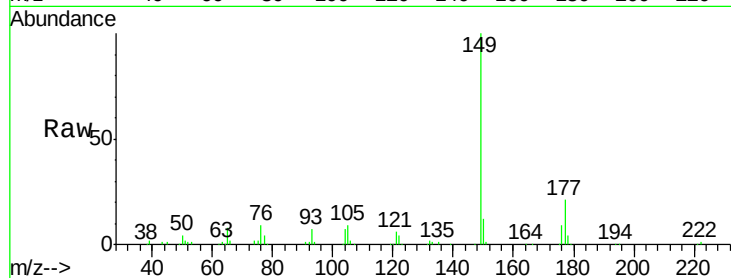




#59
Diethylphthalate
Concen: 39.60 ng
RT: 13.09 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BF089679.D
Acq: 9 Aug 2016 3:07

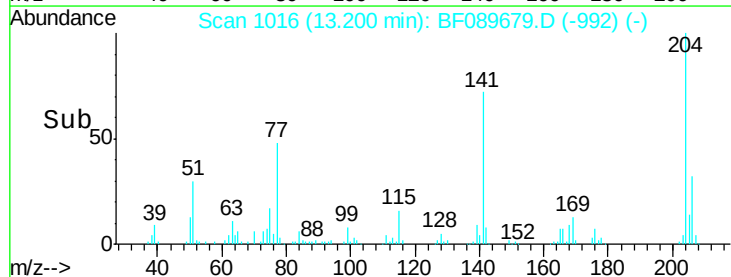
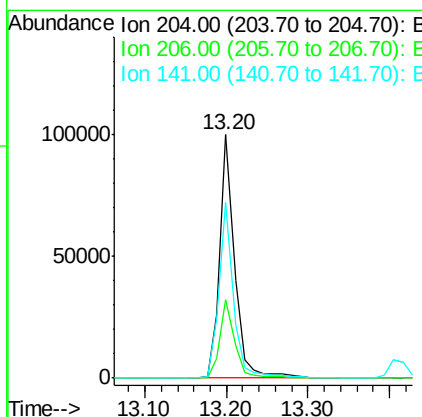
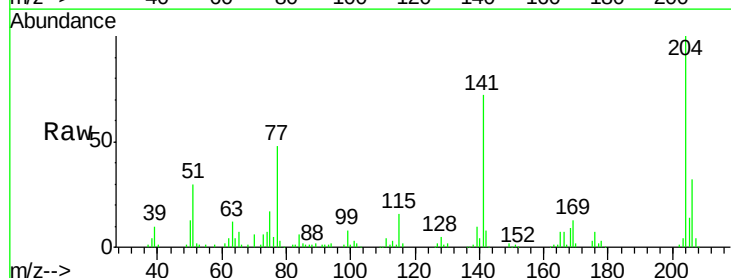
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

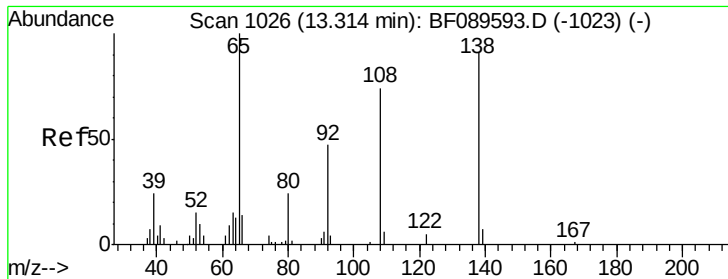
Tgt Ion:149 Resp: 308135
Ion Ratio Lower Upper
149 100
177 20.8 16.8 25.2
150 12.2 9.6 14.4



#60
4-Chlorophenyl-phenylether
Concen: 38.22 ng
RT: 13.20 min Scan# 1016
Delta R.T. -0.02 min
Lab File: BF089679.D
Acq: 9 Aug 2016 3:07

Tgt Ion:204 Resp: 127165
Ion Ratio Lower Upper
204 100
206 32.2 25.0 37.4
141 72.1 56.2 84.4

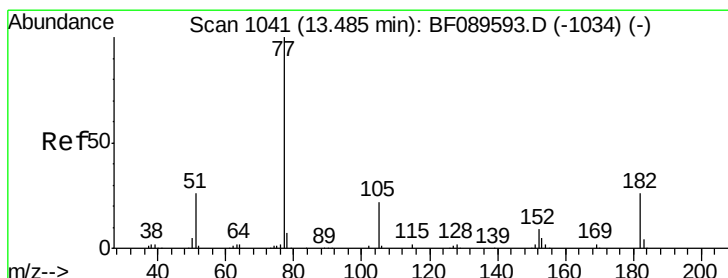
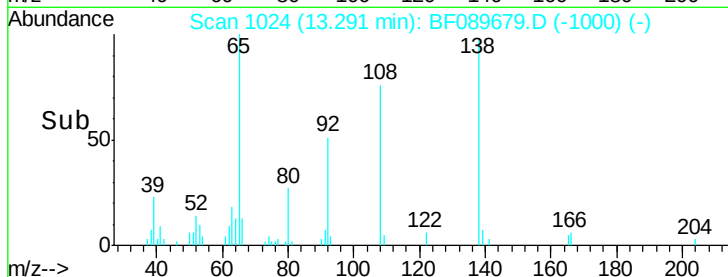
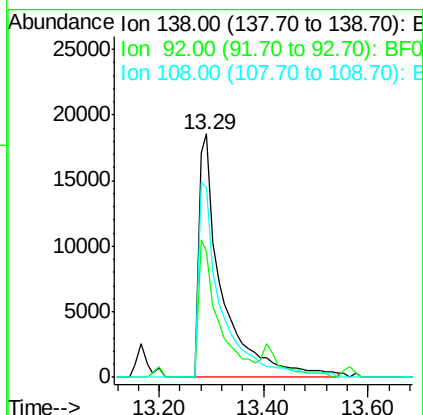
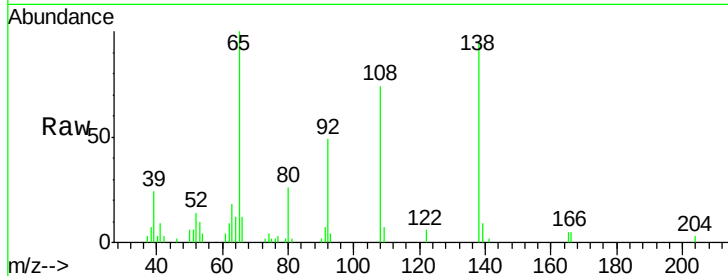




#61
4-Nitroaniline
Concen: 35.69 ng
RT: 13.29 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF089679.D
Acq: 9 Aug 2016 3:07

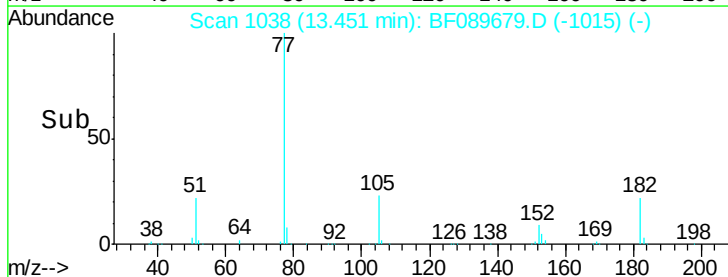
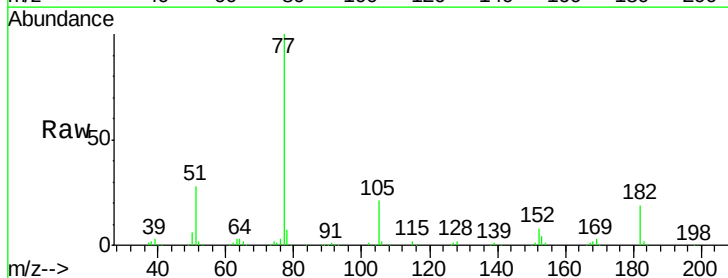
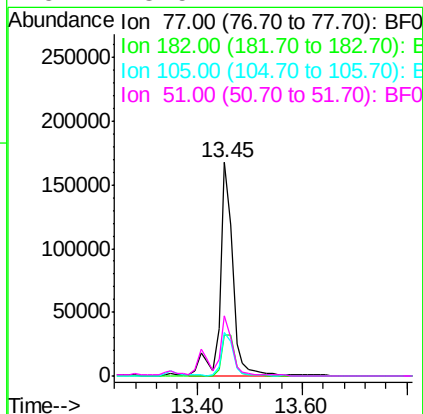
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

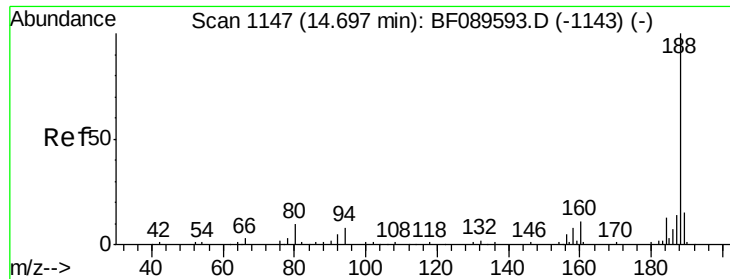
Tgt Ion: 138 Resp: 57415
Ion Ratio Lower Upper
138 100
92 51.7 31.6 71.6
108 78.0 61.5 101.5



#62
Azobenzene
Concen: 37.55 ng
RT: 13.45 min Scan# 1038
Delta R.T. -0.03 min
Lab File: BF089679.D
Acq: 9 Aug 2016 3:07

Tgt Ion: 77 Resp: 282603
Ion Ratio Lower Upper
77 100
182 19.0 5.8 45.8
105 20.5 2.9 42.9
51 28.5 7.2 47.2

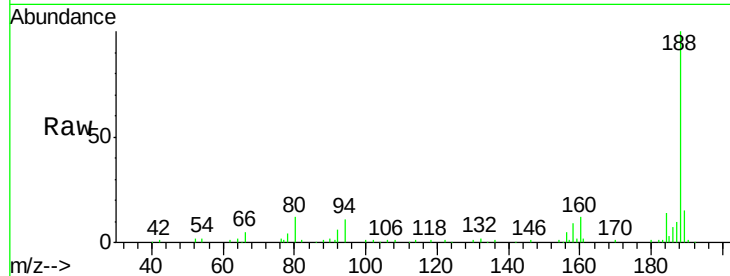




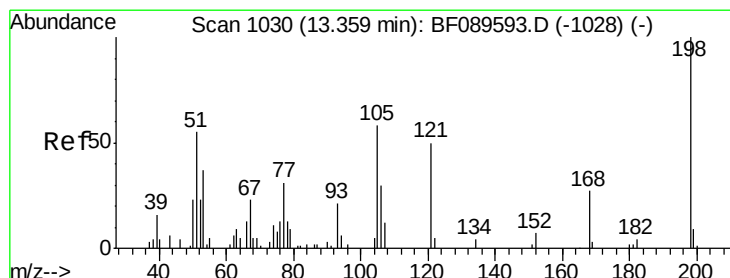
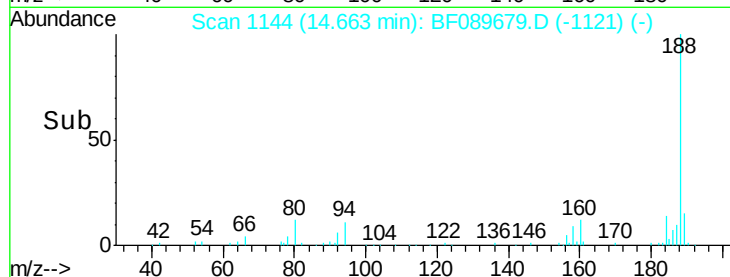
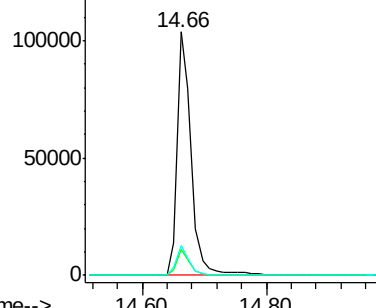
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.66 min Scan# 1144
Delta R.T. -0.03 min
Lab File: BF089679.D
Acq: 9 Aug 2016 3:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:188 Resp: 162495
Ion Ratio Lower Upper
188 100
94 10.8 6.5 9.7#
80 12.2 8.0 12.0#

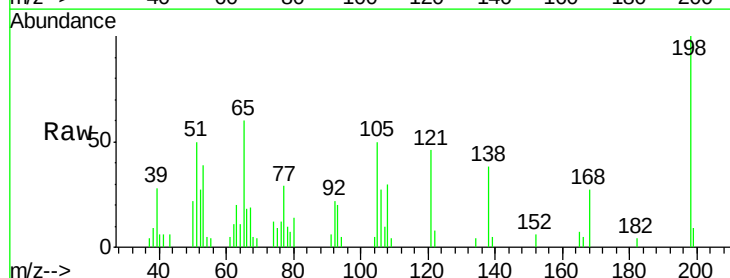


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

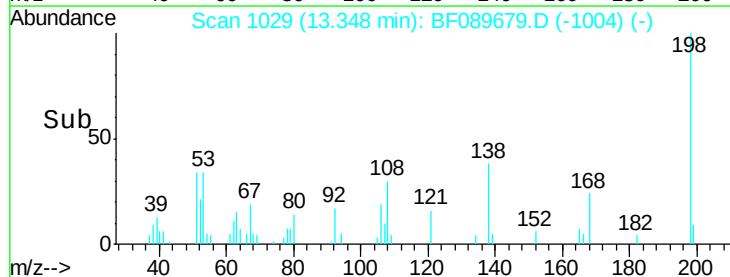
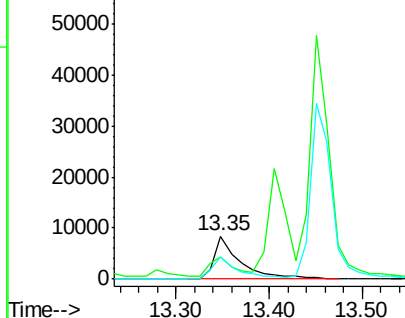


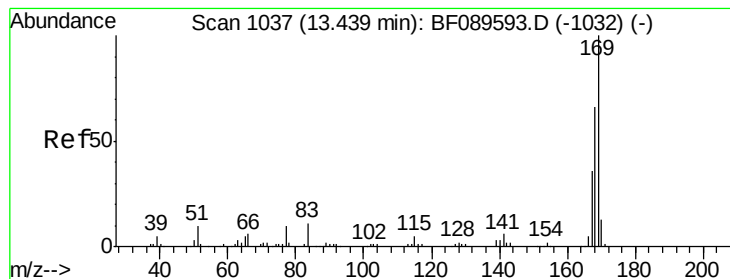
#64
4,6-Dinitro-2-methylphenol
Concen: 19.99 ng
RT: 13.35 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF089679.D
Acq: 9 Aug 2016 3:07

Tgt Ion:198 Resp: 16383
Ion Ratio Lower Upper
198 100
51 50.4 38.9 78.9
105 50.2 38.1 78.1



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: 40.49 ng

RT: 13.41 min Scan# 1034

Delta R.T. -0.03 min

Lab File: BF089679.D

Acq: 9 Aug 2016 3:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

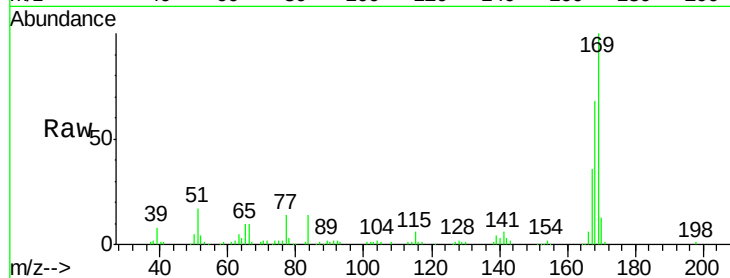
Tgt Ion:169 Resp: 222196

Ion Ratio Lower Upper

169 100

168 67.5 54.2 81.2

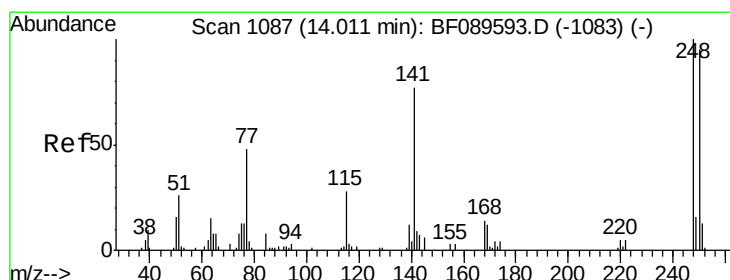
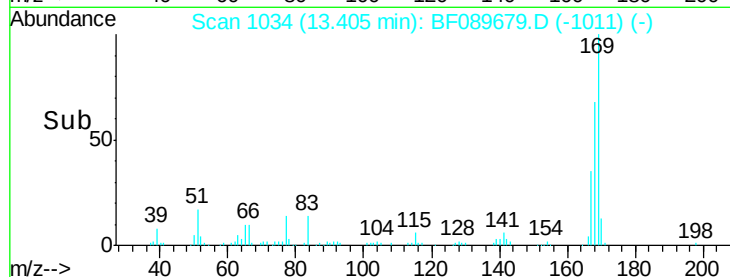
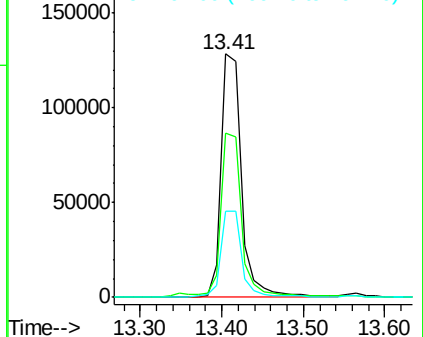
167 35.6 28.9 43.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.45 ng

RT: 13.98 min Scan# 1084

Delta R.T. -0.03 min

Lab File: BF089679.D

Acq: 9 Aug 2016 3:07

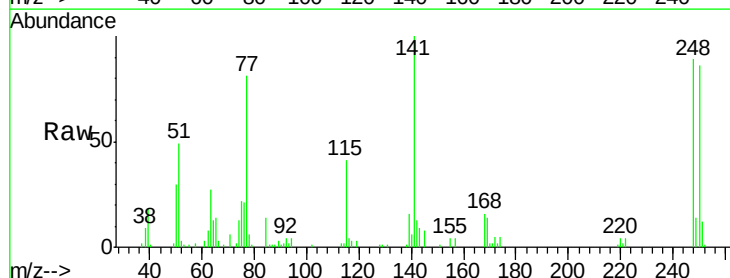
Tgt Ion:248 Resp: 66720

Ion Ratio Lower Upper

248 100

250 97.5 76.2 114.2

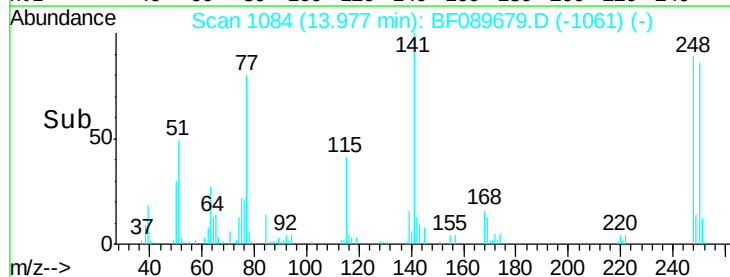
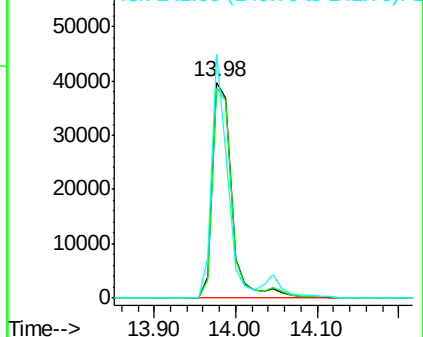
141 112.8 61.3 91.9#

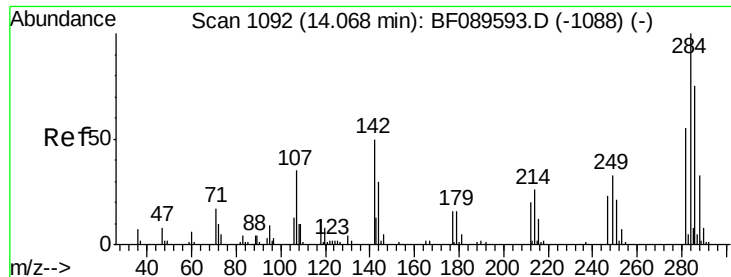


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 37.41 ng

RT: 14.05 min Scan# 1090

Delta R.T. -0.02 min

Lab File: BF089679.D

Acq: 9 Aug 2016 3:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

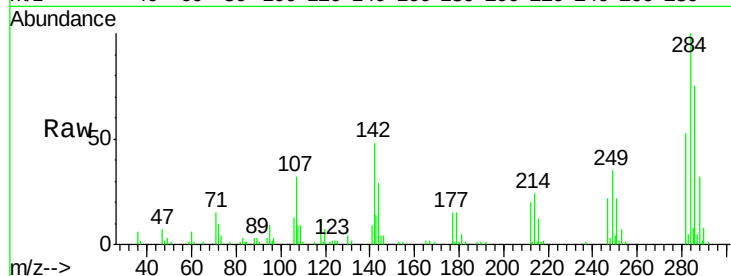
Tgt Ion:284 Resp: 64678

Ion Ratio Lower Upper

284 100

142 47.9 41.4 62.0

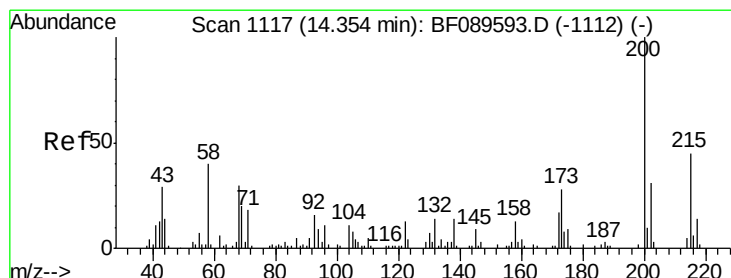
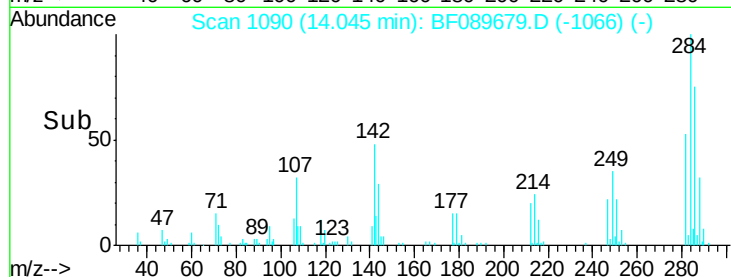
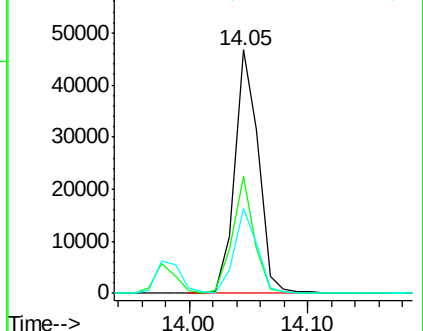
249 34.7 28.6 43.0



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: 44.44 ng

RT: 14.33 min Scan# 1115

Delta R.T. -0.02 min

Lab File: BF089679.D

Acq: 9 Aug 2016 3:07

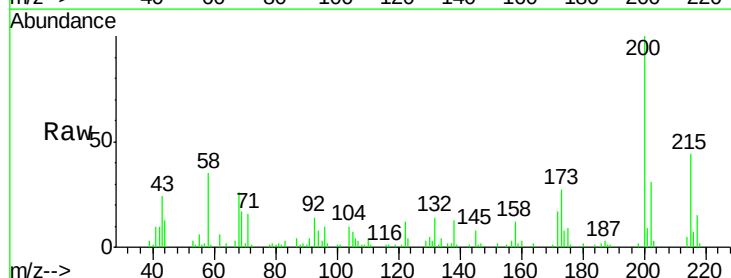
Tgt Ion:200 Resp: 68100

Ion Ratio Lower Upper

200 100

173 26.8 8.2 48.2

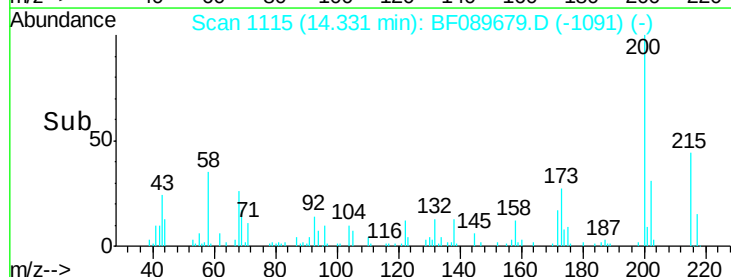
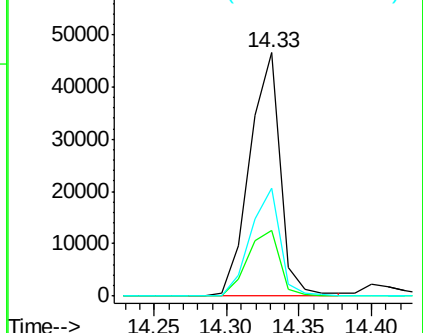
215 44.5 24.9 64.9

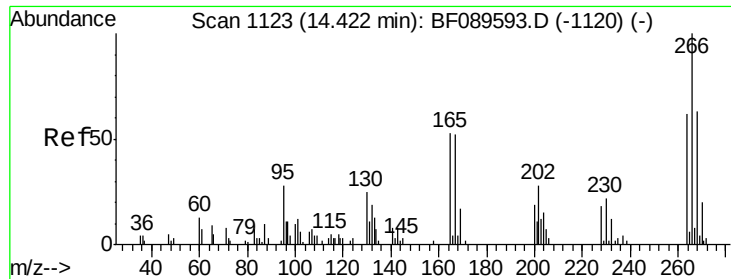


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

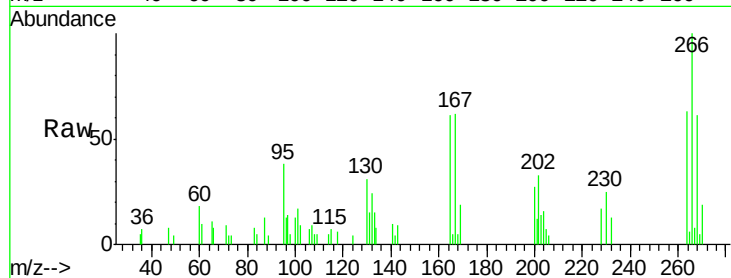




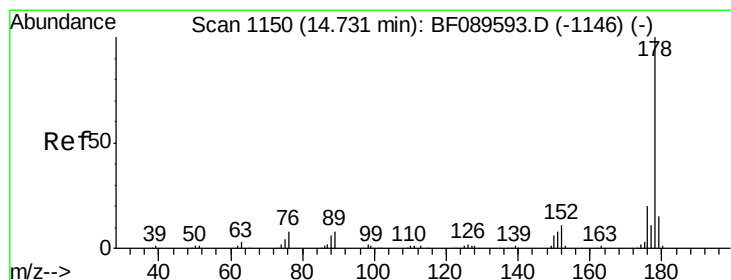
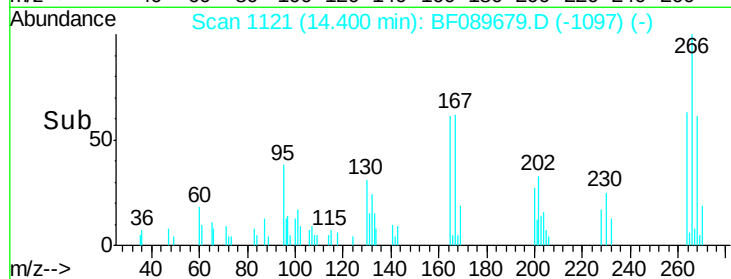
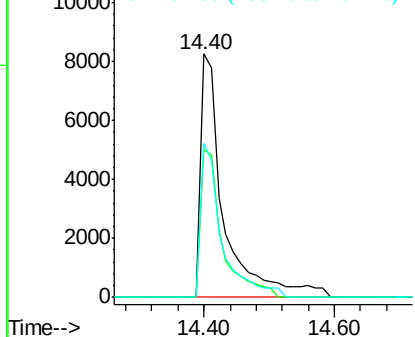
#69
 Pentachlorophenol
 Concen: 30.15 ng
 RT: 14.40 min Scan# 1121
 Delta R.T. -0.02 min
 Lab File: BF089679.D
 Acq: 9 Aug 2016 3:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:266 Resp: 20310
 Ion Ratio Lower Upper
 266 100
 268 60.7 50.6 75.8
 264 63.4 49.5 74.3

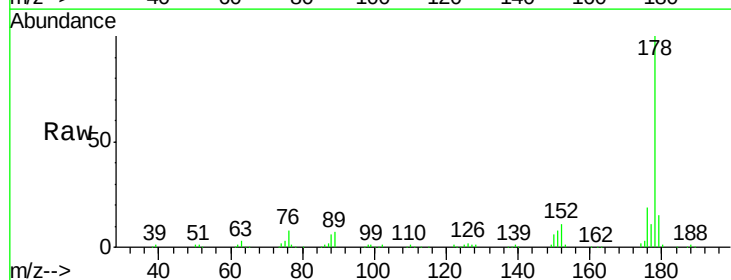


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

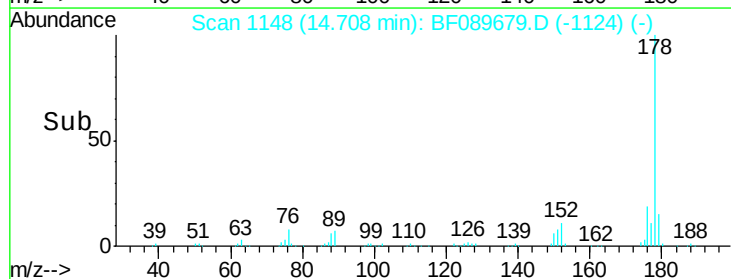
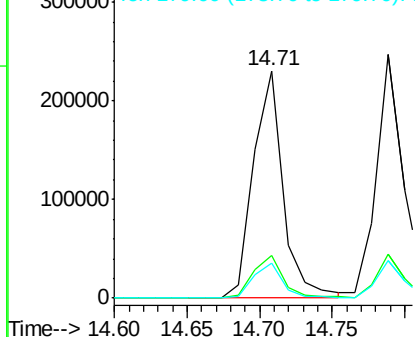


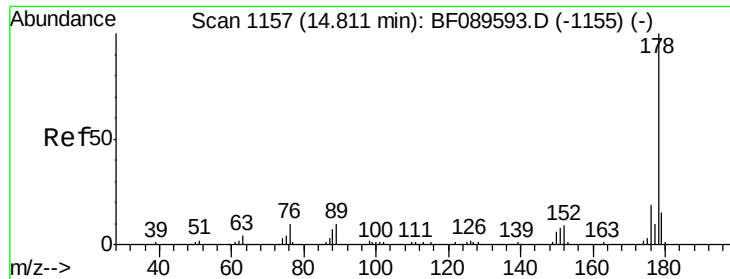
#70
 Phenanthrene
 Concen: 37.21 ng
 RT: 14.71 min Scan# 1148
 Delta R.T. -0.02 min
 Lab File: BF089679.D
 Acq: 9 Aug 2016 3:07

Tgt Ion:178 Resp: 328808
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.7 23.5
 179 15.1 12.2 18.2



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

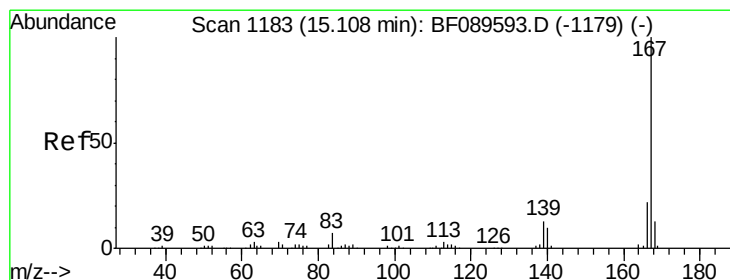
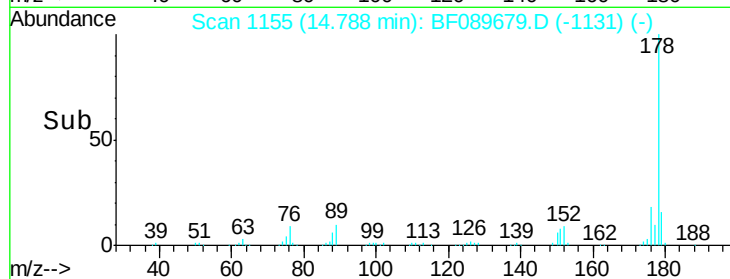
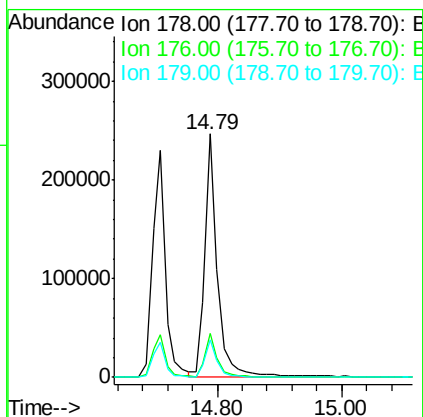
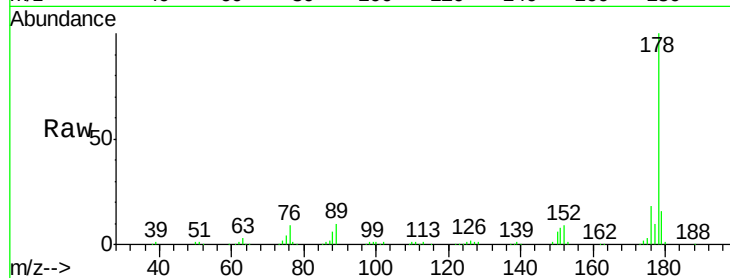




#71
 Anthracene
 Concen: 36.88 ng
 RT: 14.79 min Scan# 1155
 Delta R.T. -0.02 min
 Lab File: BF089679.D
 Acq: 9 Aug 2016 3:07

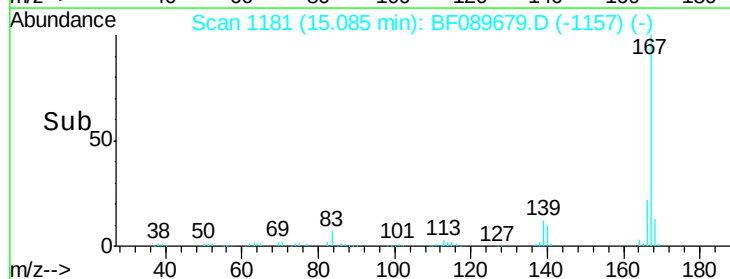
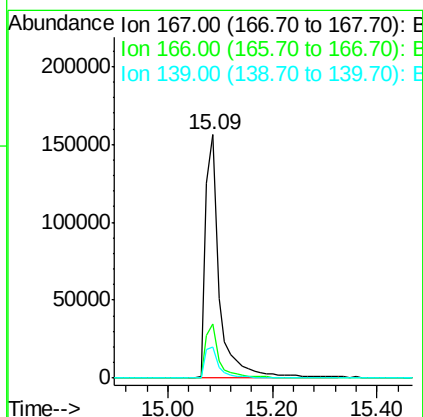
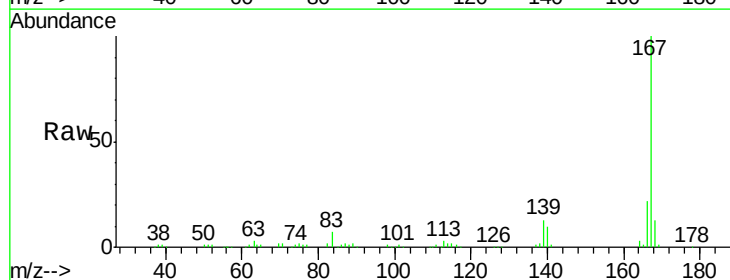
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

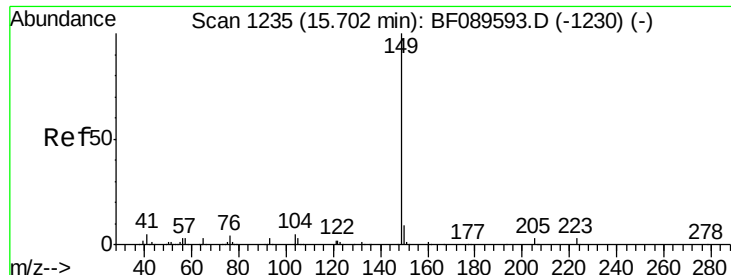
Tgt Ion:178 Resp: 349325
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.0 22.4
 179 15.5 12.4 18.6



#72
 Carbazole
 Concen: 36.88 ng
 RT: 15.09 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BF089679.D
 Acq: 9 Aug 2016 3:07

Tgt Ion:167 Resp: 291168
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.5 26.3
 139 12.6 10.4 15.6





#73

Di-n-butylphthalate

Concen: 41.71 ng

RT: 15.68 min Scan# 1233

Delta R.T. -0.02 min

Lab File: BF089679.D

Acq: 9 Aug 2016 3:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

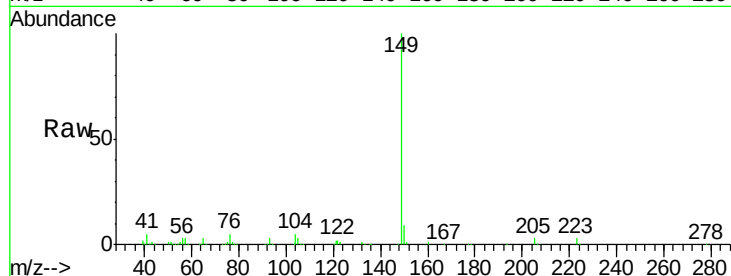
Tgt Ion:149 Resp: 445353

Ion Ratio Lower Upper

149 100

150 8.8 7.2 10.8

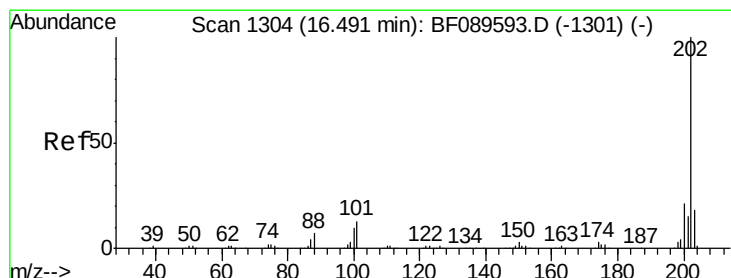
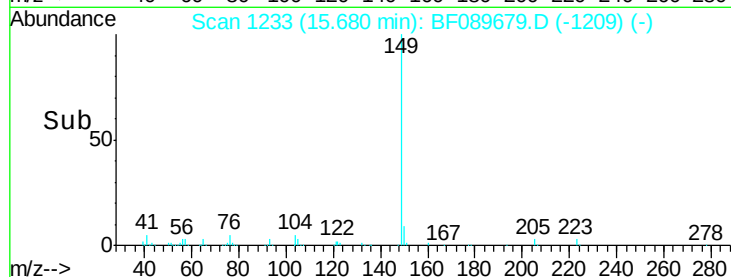
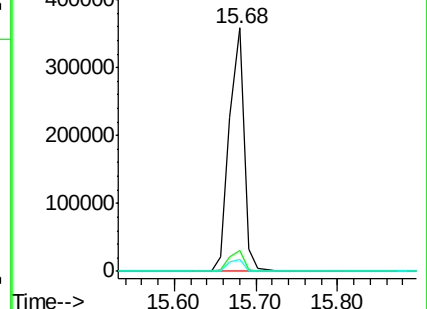
104 4.8 3.8 5.8



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: 32.17 ng

RT: 16.47 min Scan# 1302

Delta R.T. -0.02 min

Lab File: BF089679.D

Acq: 9 Aug 2016 3:07

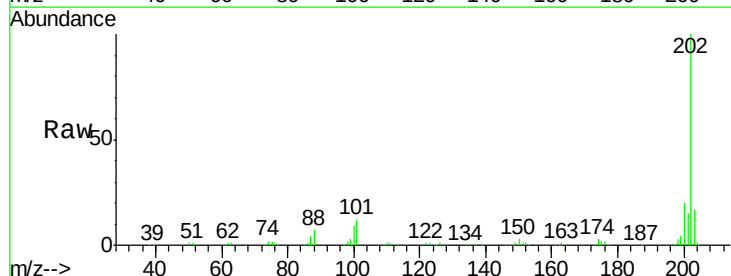
Tgt Ion:202 Resp: 292162

Ion Ratio Lower Upper

202 100

101 12.0 0.0 32.7

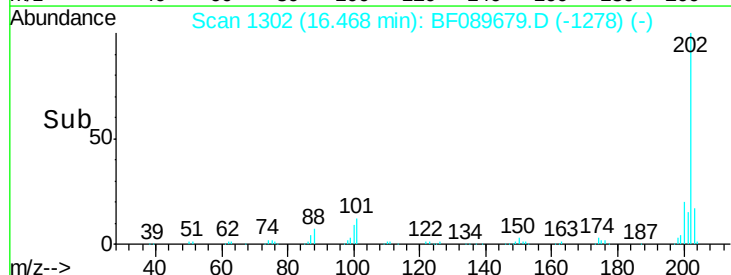
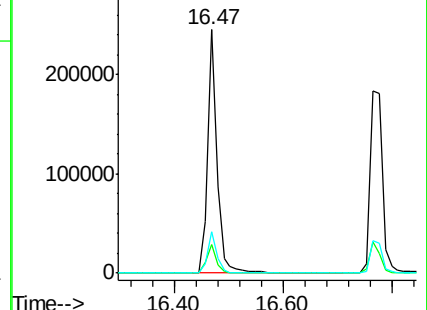
203 17.2 0.0 37.8

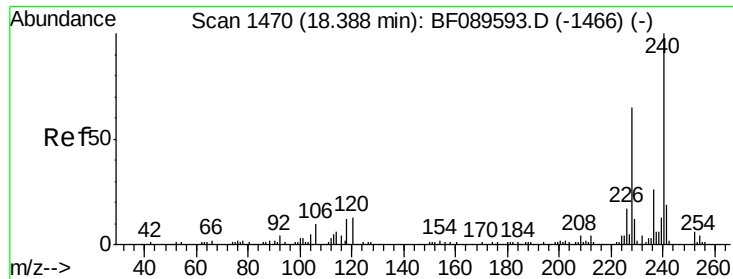


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

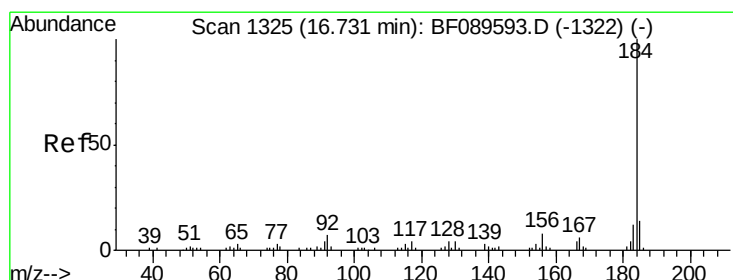
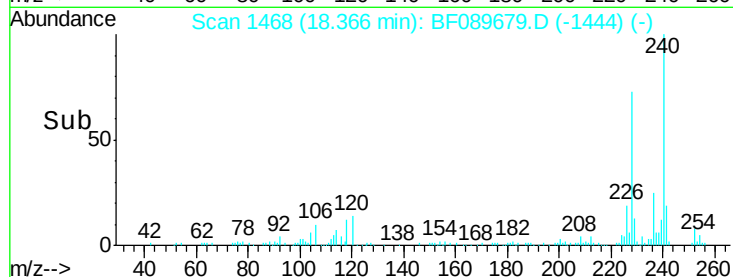
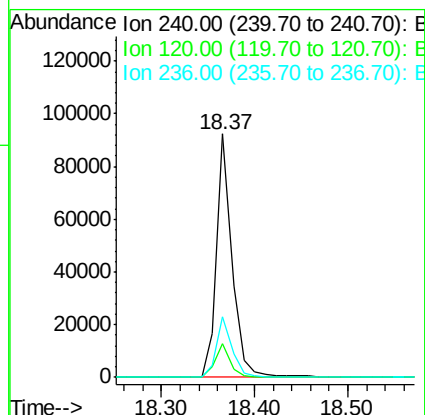
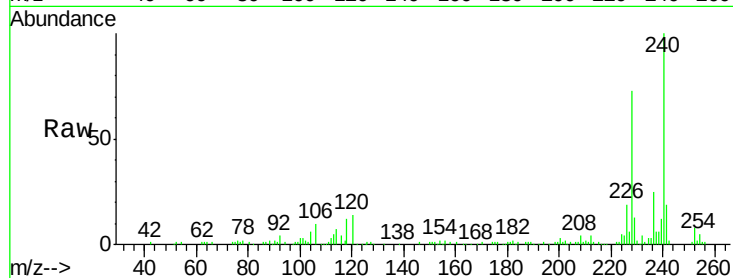




#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.37 min Scan# 1468
Delta R.T. -0.02 min
Lab File: BF089679.D
Acq: 9 Aug 2016 3:07

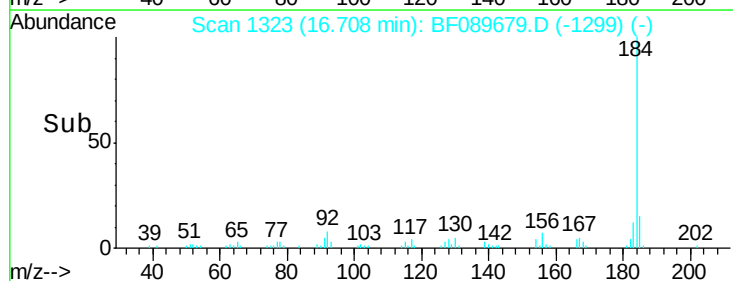
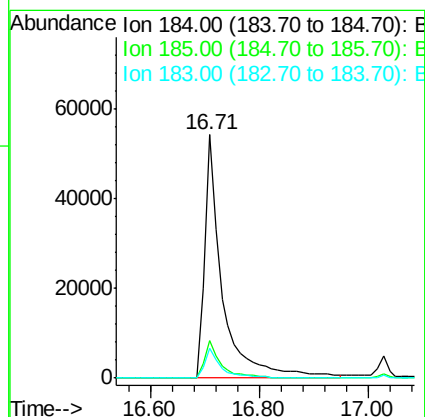
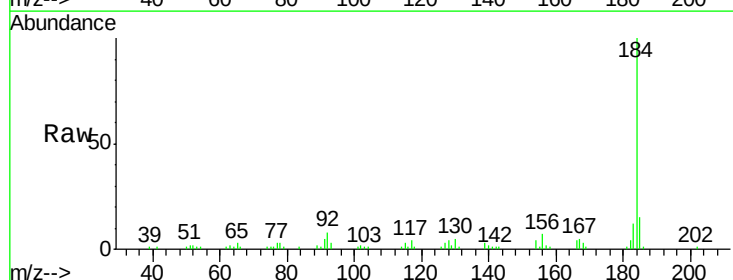
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

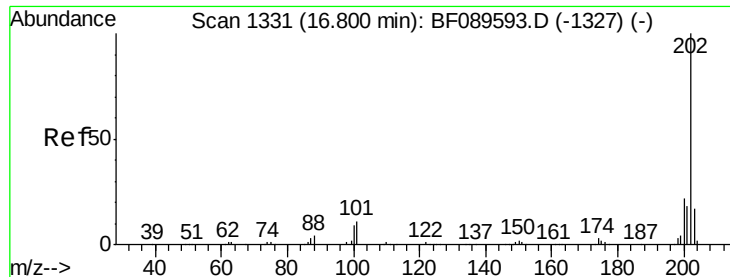
Tgt Ion:240 Resp: 106468
Ion Ratio Lower Upper
240 100
120 13.7 10.6 15.8
236 25.1 20.6 30.8



#76
Benzidine
Concen: 37.82 ng
RT: 16.71 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF089679.D
Acq: 9 Aug 2016 3:07

Tgt Ion:184 Resp: 122070
Ion Ratio Lower Upper
184 100
185 15.4 11.5 17.3
183 12.3 9.8 14.8

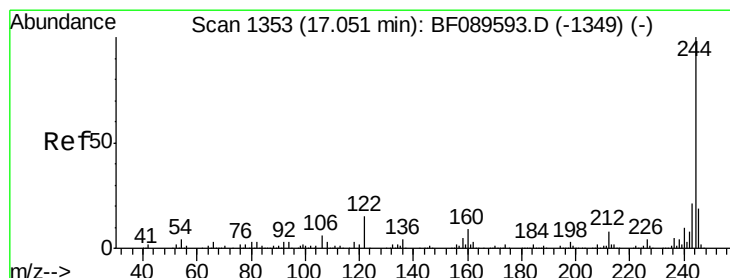
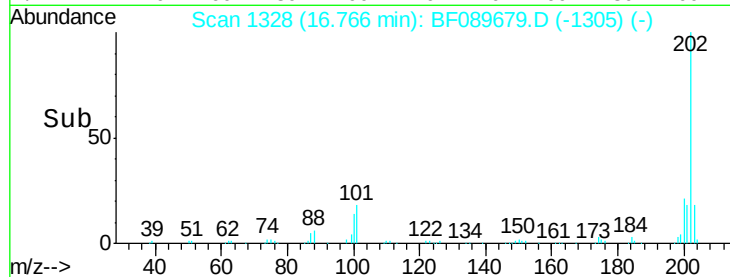
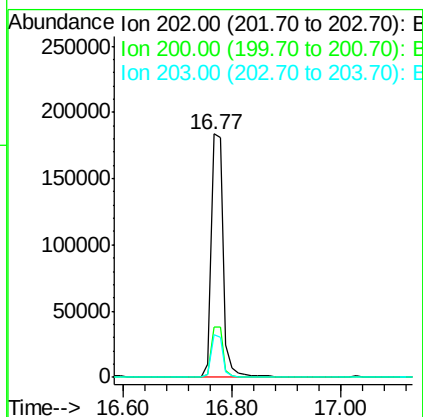
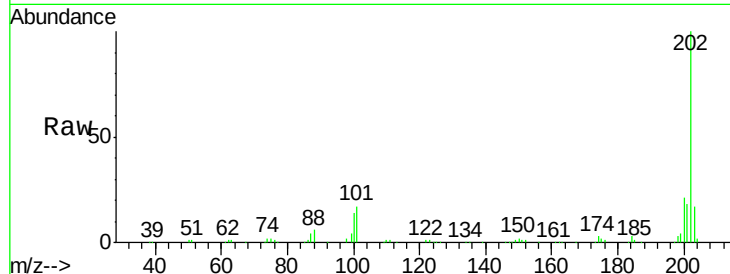




#77
 Pyrene
 Concen: 30.84 ng
 RT: 16.77 min Scan# 1328
 Delta R.T. -0.03 min
 Lab File: BF089679.D
 Acq: 9 Aug 2016 3:07

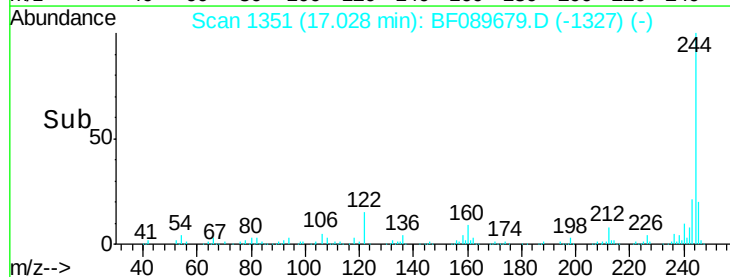
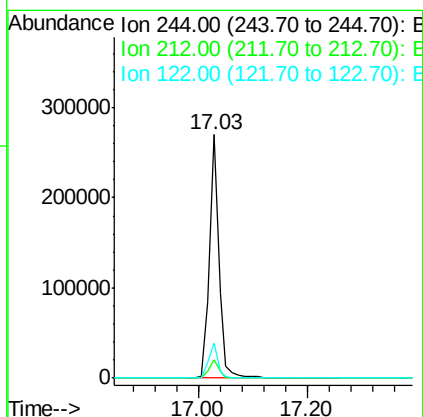
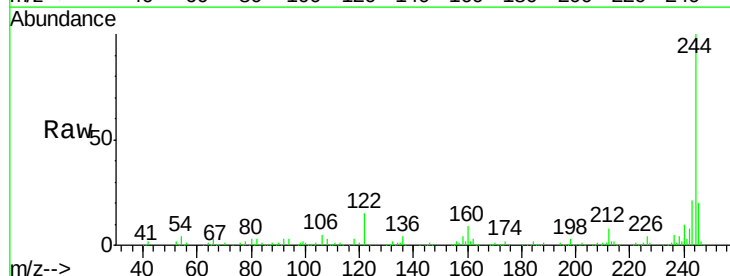
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

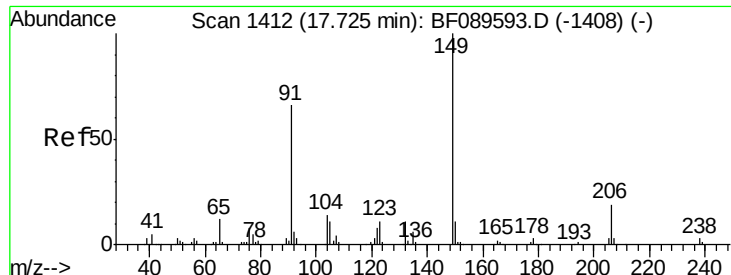
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.4	26.0
203	17.4	13.6	20.4



#78
 Terphenyl-d14
 Concen: 61.68 ng
 RT: 17.03 min Scan# 1351
 Delta R.T. -0.02 min
 Lab File: BF089679.D
 Acq: 9 Aug 2016 3:07

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.4	9.6
122	14.6	12.2	18.2

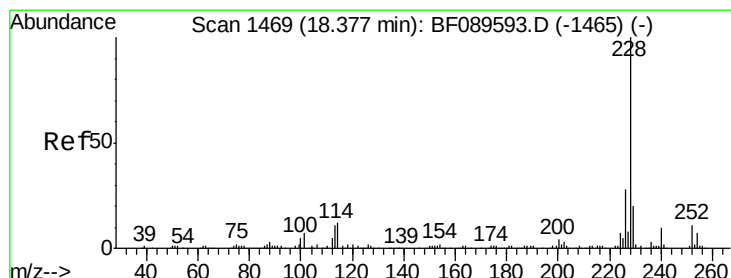
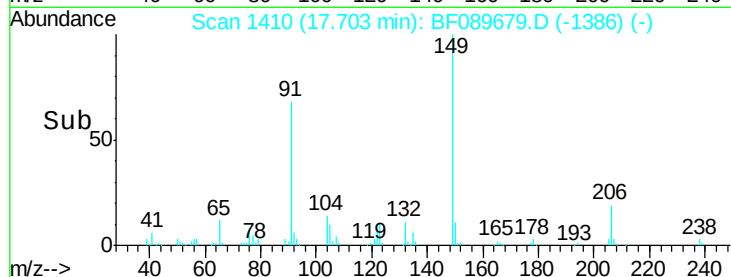
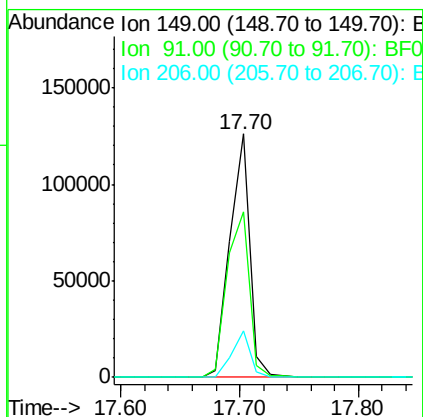
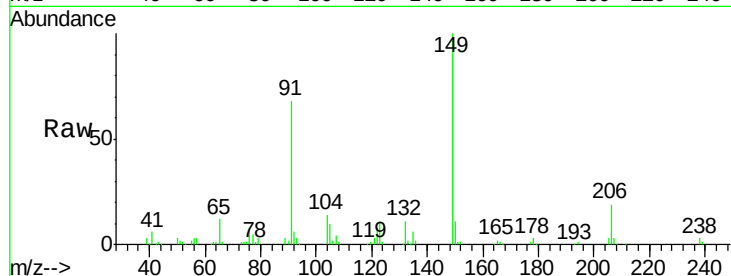




#79
Butylbenzylphthalate
Concen: 36.53 ng
RT: 17.70 min Scan# 1410
Delta R.T. -0.02 min
Lab File: BF089679.D
Acq: 9 Aug 2016 3:07

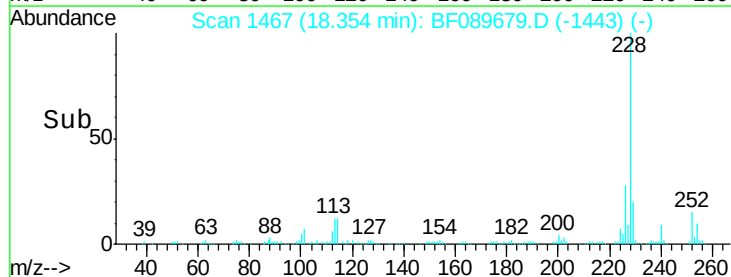
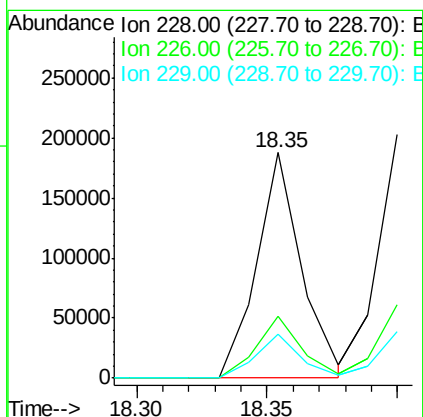
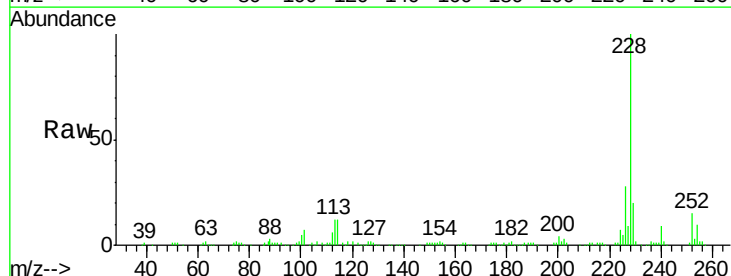
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

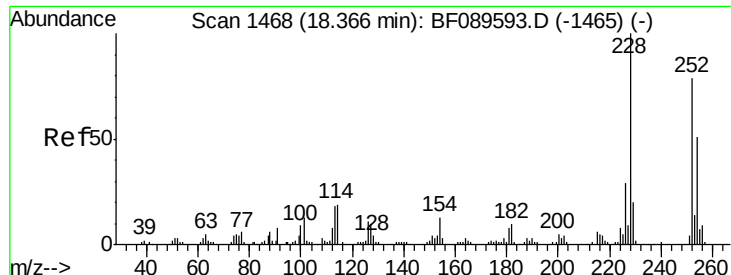
Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.1	52.6	78.8
206	19.0	15.4	23.0



#80
Benzo(a)anthracene
Concen: 36.68 ng
RT: 18.35 min Scan# 1467
Delta R.T. -0.02 min
Lab File: BF089679.D
Acq: 9 Aug 2016 3:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.3	33.5
229	19.6	15.9	23.9

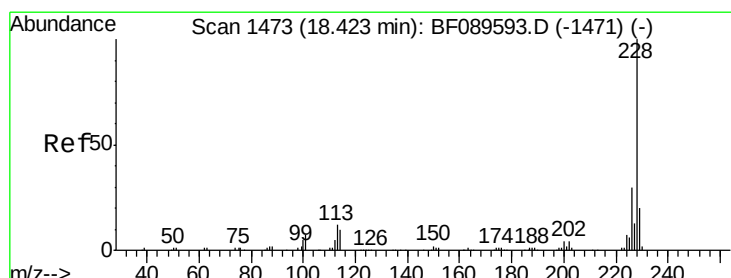
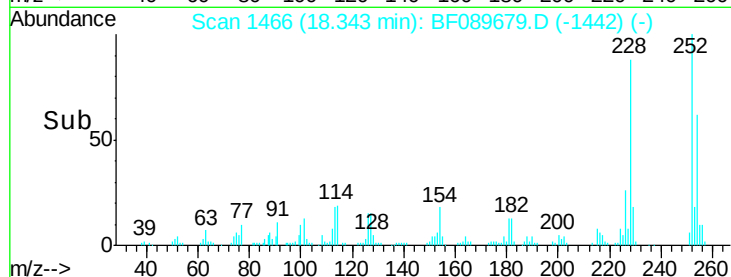
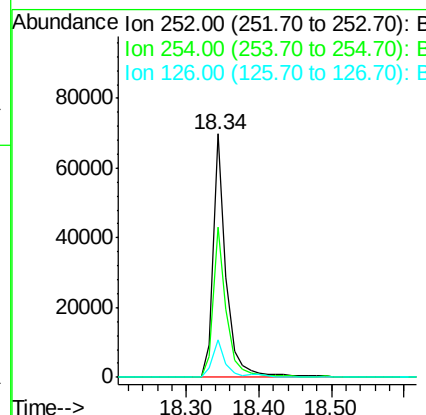
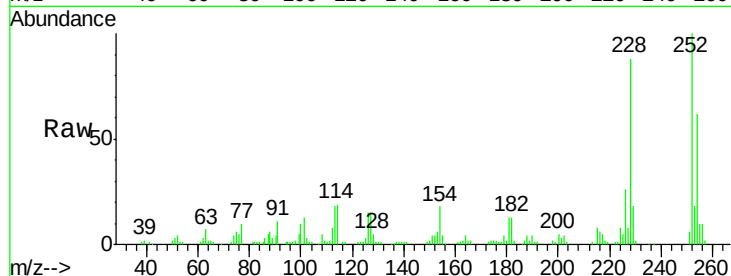




#81
 3,3'-Dichlorobenzidine
 Concen: 45.09 ng
 RT: 18.34 min Scan# 1466
 Delta R.T. -0.02 min
 Lab File: BF089679.D
 Acq: 9 Aug 2016 3:07

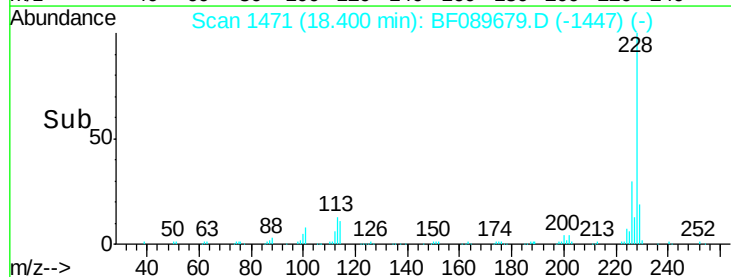
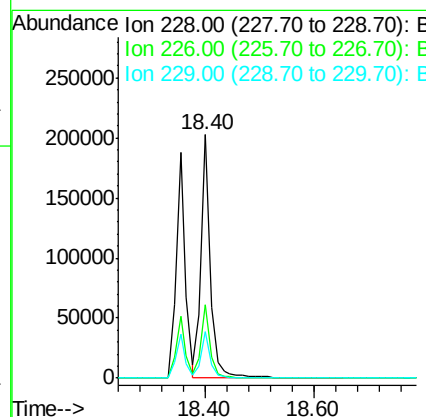
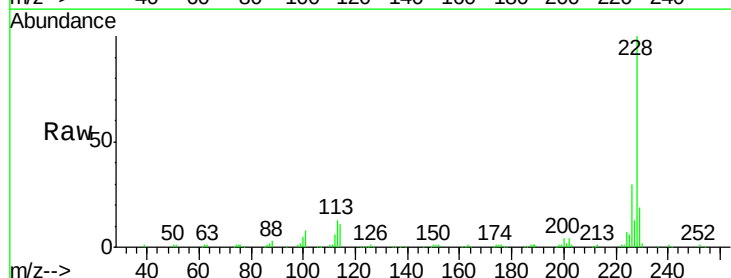
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

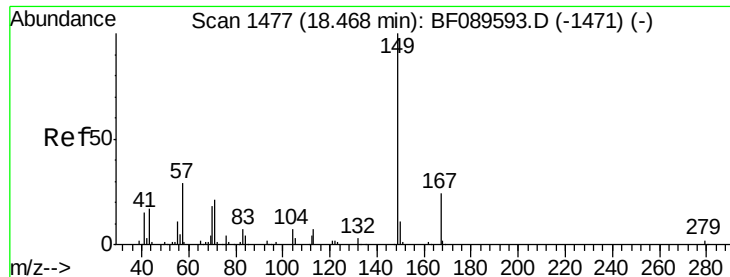
Tgt Ion:252 Resp: 86909
 Ion Ratio Lower Upper
 252 100
 254 61.8 51.7 77.5
 126 15.4 11.0 16.4



#82
 Chrysene
 Concen: 37.76 ng
 RT: 18.40 min Scan# 1471
 Delta R.T. -0.02 min
 Lab File: BF089679.D
 Acq: 9 Aug 2016 3:07

Tgt Ion:228 Resp: 242342
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.2 36.2
 229 19.1 16.0 24.0

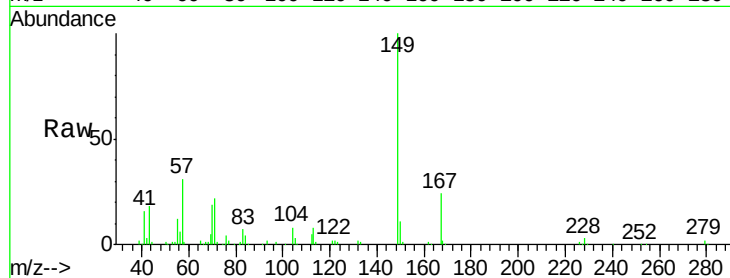




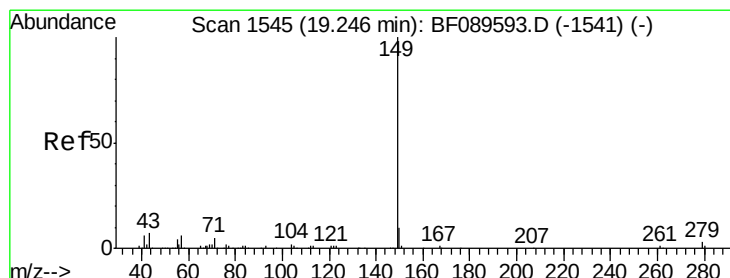
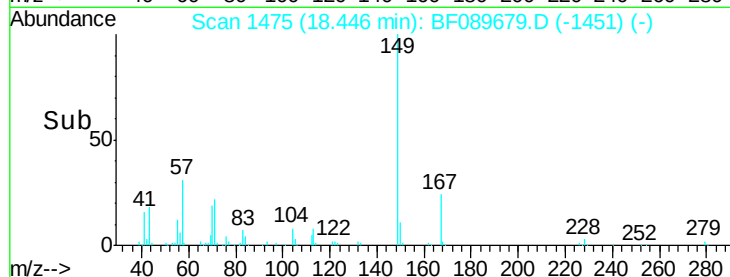
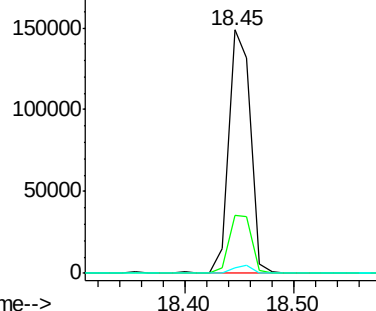
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.54 ng
 RT: 18.45 min Scan# 1475
 Delta R.T. -0.02 min
 Lab File: BF089679.D
 Acq: 9 Aug 2016 3:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
149	100		
167	23.6	19.0	28.4
279	2.1	1.8	2.6

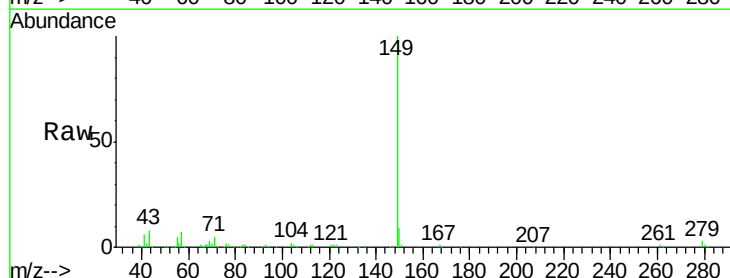


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

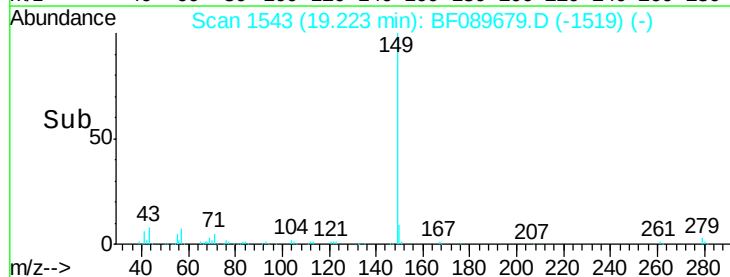
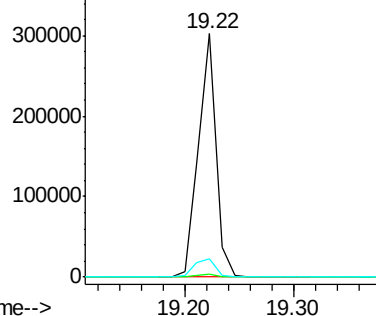


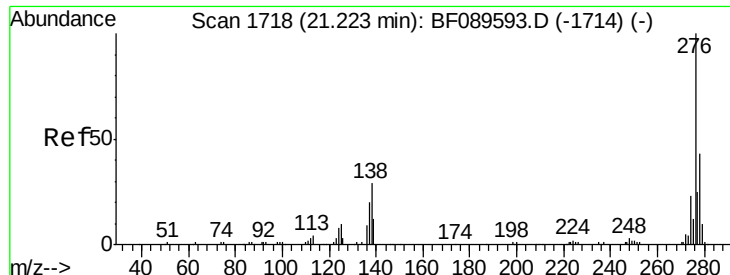
#84
 Di-n-octyl phthalate
 Concen: 42.47 ng
 RT: 19.22 min Scan# 1543
 Delta R.T. -0.02 min
 Lab File: BF089679.D
 Acq: 9 Aug 2016 3:07

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.1	1.7
43	9.4	7.0	10.4



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

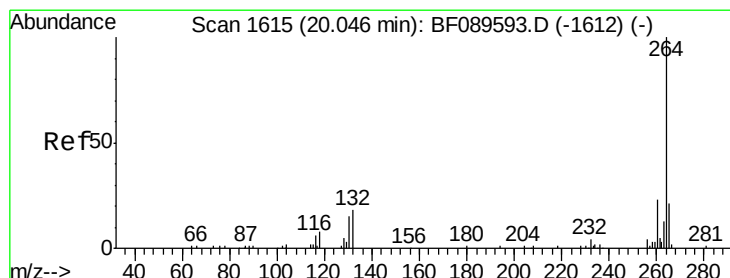
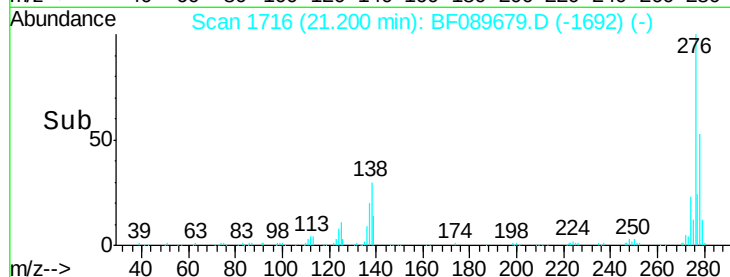
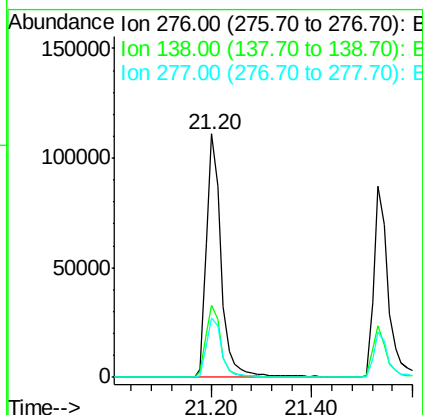
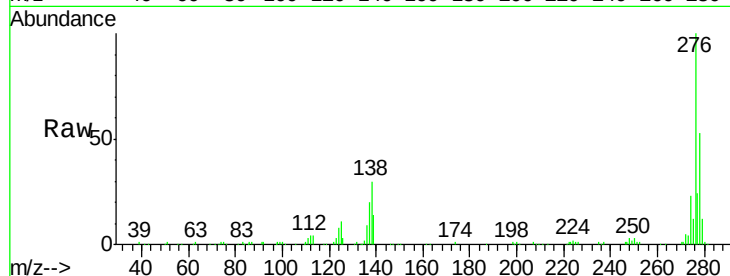




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.63 ng
 RT: 21.20 min Scan# 1716
 Delta R.T. -0.02 min
 Lab File: BF089679.D
 Acq: 9 Aug 2016 3:07

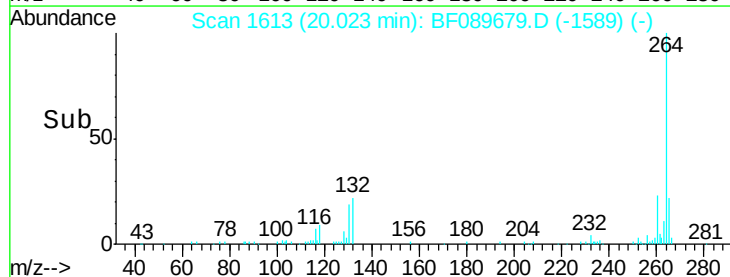
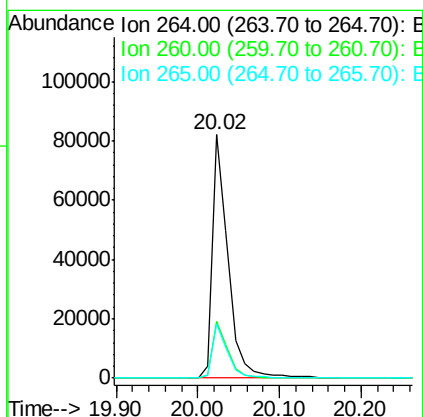
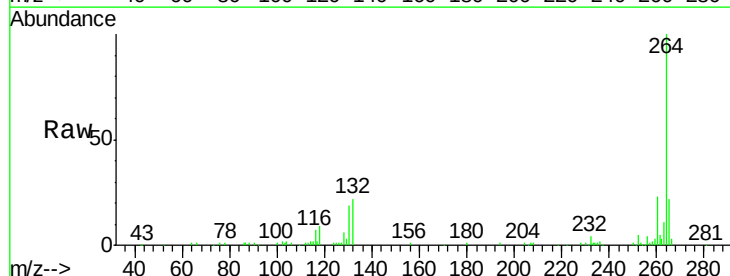
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

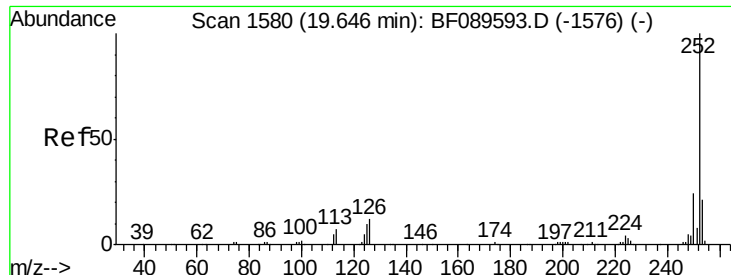
Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.3	23.8	35.8
277	25.2	20.3	30.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.02 min Scan# 1613
 Delta R.T. -0.02 min
 Lab File: BF089679.D
 Acq: 9 Aug 2016 3:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	22.2	16.5	24.7

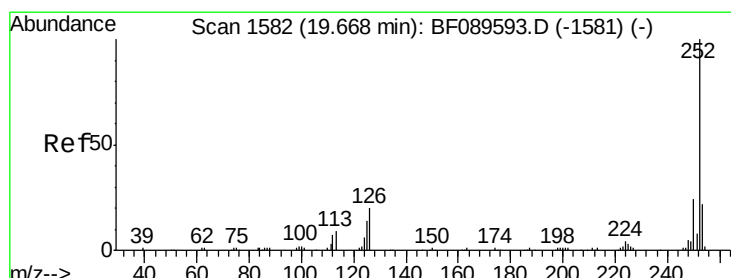
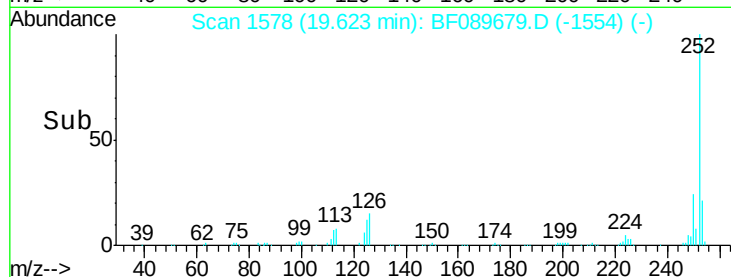
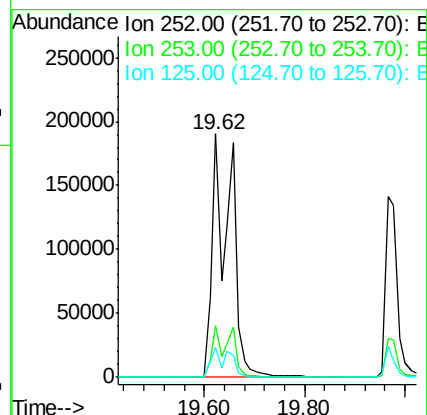
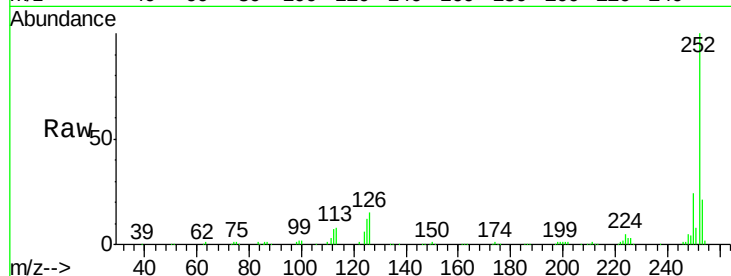




#87
 Benzo(b)fluoranthene
 Concen: 71.69 ng
 RT: 19.62 min Scan# 1578
 Delta R.T. -0.02 min
 Lab File: BF089679.D
 Acq: 9 Aug 2016 3:07

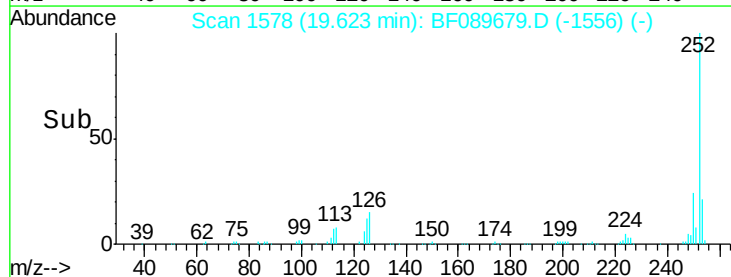
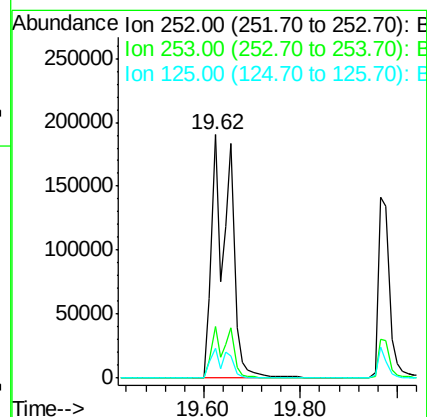
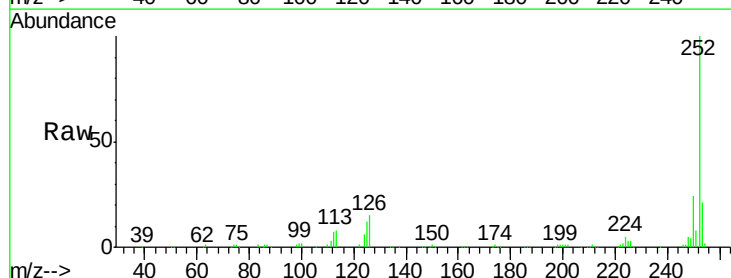
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

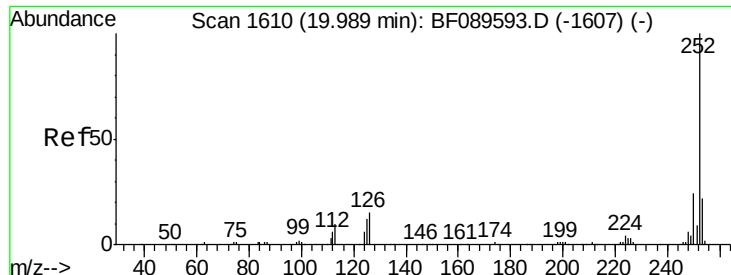
Tgt Ion: 252 Resp: 487979
 Ion Ratio Lower Upper
 252 100
 253 21.3 17.1 25.7
 125 12.0 7.8 11.8#



#88
 Benzo(k)fluoranthene
 Concen: 71.09 ng
 RT: 19.62 min Scan# 1578
 Delta R.T. -0.05 min
 Lab File: BF089679.D
 Acq: 9 Aug 2016 3:07

Tgt Ion: 252 Resp: 488233
 Ion Ratio Lower Upper
 252 100
 253 21.3 17.3 25.9
 125 12.0 11.0 16.6

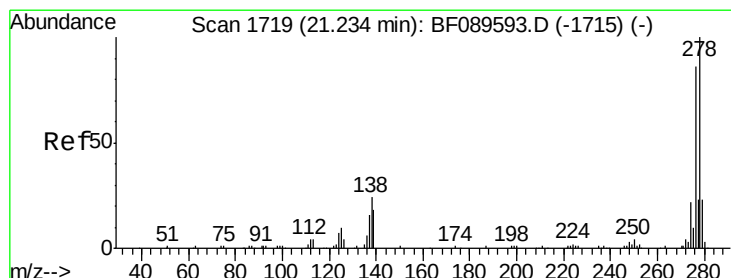
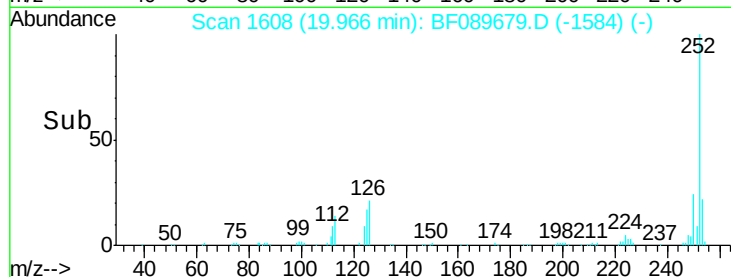
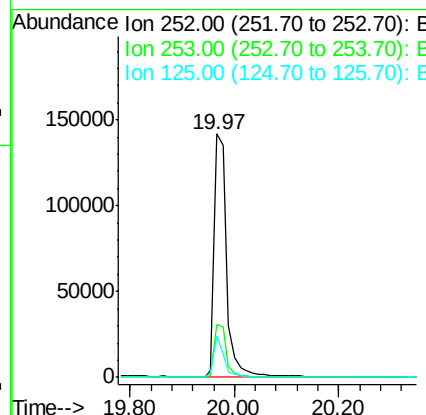
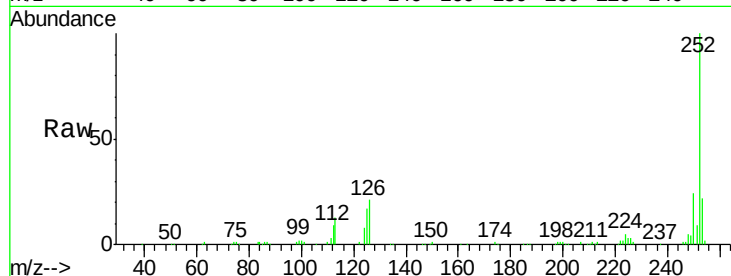




#89
Benzo(a)pyrene
Concen: 36.35 ng
RT: 19.97 min Scan# 1608
Delta R.T. -0.02 min
Lab File: BF089679.D
Acq: 9 Aug 2016 3:07

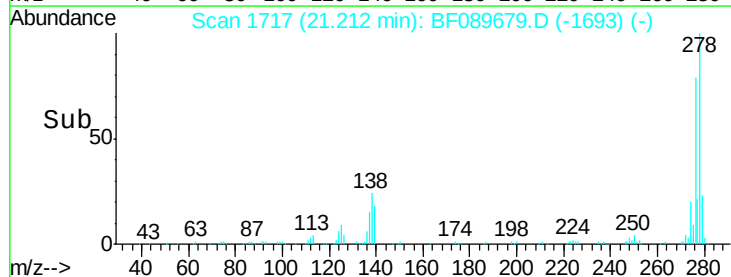
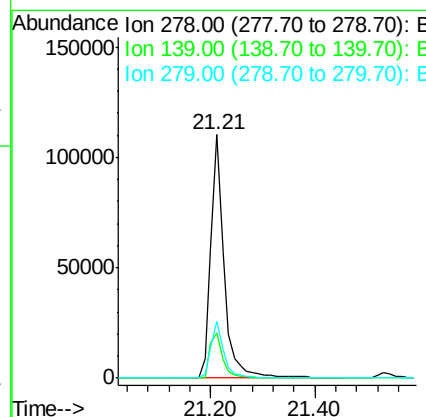
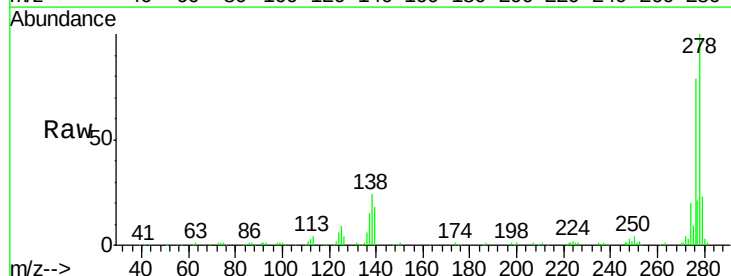
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

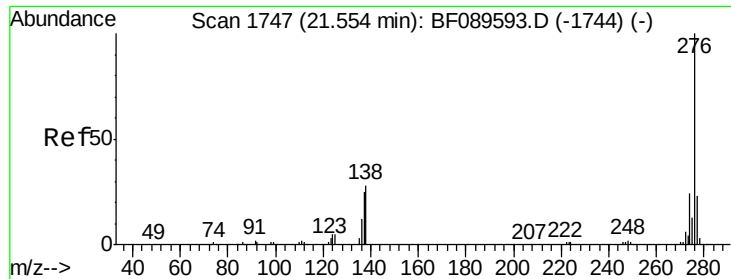
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.0
125	16.9	9.9	14.9



#90
Dibenzo(a,h)anthracene
Concen: 32.78 ng
RT: 21.21 min Scan# 1717
Delta R.T. -0.02 min
Lab File: BF089679.D
Acq: 9 Aug 2016 3:07

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.3	14.6	21.8
279	23.5	18.4	27.6





#91

Benzo(g,h,i)perylene

Concen: 29.32 ng

RT: 21.53 min Scan# 1745

Delta R.T. -0.02 min

Lab File: BF089679.D

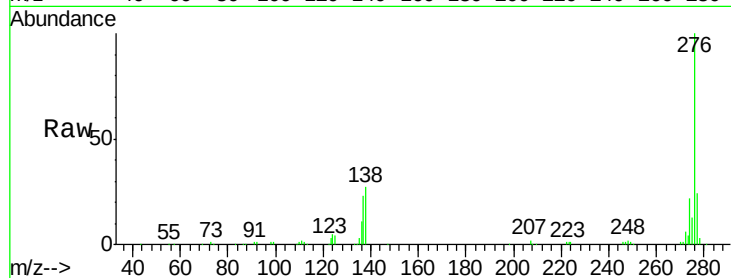
Acq: 9 Aug 2016 3:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



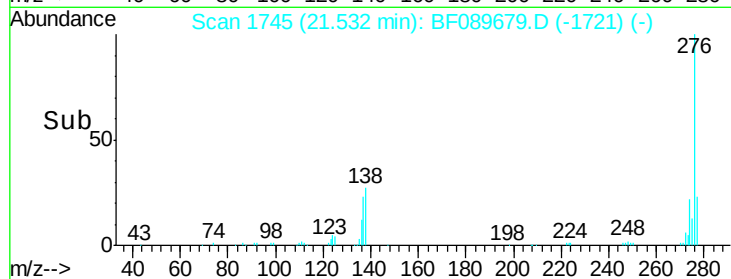
Tgt Ion: 276 Resp: 178692

Ion Ratio Lower Upper

276 100

277 23.7 18.6 28.0

138 26.9 22.6 33.8



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

