

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080816\
 Data File : BF089659.D
 Acq On : 8 Aug 2016 13:47
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 09 02:27:03 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	43794	20.00	ng	-0.02
21) Naphthalene-d8	9.45	136	191582	20.00	ng	-0.02
38) Acenaphthene-d10	12.27	164	89970	20.00	ng	-0.02
63) Phenanthrene-d10	14.66	188	173397	20.00	ng	-0.03
75) Chrysene-d12	18.37	240	124722	20.00	ng	-0.02
86) Perylene-d12	20.02	264	87015	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	216702	82.93	ng	-0.01
7) Phenol-d6	6.96	99	289231	81.60	ng	-0.02
23) Nitrobenzene-d5	8.34	82	259981	75.06	ng	-0.02
41) 2,4,6-Tribromophenol	13.57	330	59510	80.15	ng	-0.02
44) 2-Fluorobiphenyl	11.23	172	491886	71.05	ng	-0.02
78) Terphenyl-d14	17.03	244	406985	64.42	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.72	88	51792	34.58	ng	99
3) Pyridine	2.28	79	103868	37.74	ng	98
4) n-Nitrosodimethylamine	2.26	42	45378	39.02	ng	97
6) Aniline	6.91	93	170946	37.22	ng	99
8) 2-Chlorophenol	7.10	128	126458	39.42	ng	98
9) Benzaldehyde	6.73	77	70481	54.81	ng	98
10) Phenol	6.98	94	148725	40.87	ng	99
11) bis(2-Chloroethyl)ether	7.07	93	119976	38.37	ng	99
12) 1,3-Dichlorobenzene	7.32	146	131655	37.79	ng	98
13) 1,4-Dichlorobenzene	7.45	146	130968	37.69	ng	98
14) 1,2-Dichlorobenzene	7.68	146	131825	35.99	ng	100
15) Benzyl Alcohol	7.71	79	93575	40.26	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.92	45	151799	38.13	ng	78
17) 2-Methylphenol	7.93	107	93988	40.57	ng	97
18) Hexachloroethane	8.20	117	52964	36.17	ng	98
19) n-Nitroso-di-n-propylamine	8.15	70	97101	37.92	ng	99
20) 3+4-Methylphenols	8.19	107	123889	42.36	ng	94
22) Acetophenone	8.11	105	165698	36.28	ng	99
24) Nitrobenzene	8.36	77	134992	41.03	ng	99
25) Isophorone	8.76	82	251100	37.86	ng	99
26) 2-Nitrophenol	8.87	139	58716	38.89	ng	94
27) 2,4-Dimethylphenol	9.02	122	108951	40.14	ng	95
28) bis(2-Chloroethoxy)methane	9.15	93	143943	35.87	ng	99
29) 2,4-Dichlorophenol	9.29	162	96985	37.76	ng	95
30) 1,2,4-Trichlorobenzene	9.38	180	108197	36.89	ng	99
31) Naphthalene	9.48	128	368269	36.17	ng	99
32) Benzoic acid	9.34	122	61359	35.98	ng	99
33) 4-Chloroaniline	9.62	127	146200	38.23	ng	100
34) Hexachlorobutadiene	9.71	225	59196	35.04	ng	98
35) Caprolactam	10.26	113	29558	39.49	ng	# 83
36) 4-Chloro-3-methylphenol	10.48	107	111869	37.47	ng	97
37) 2-Methylnaphthalene	10.62	142	228029	36.41	ng	97
39) 1,2,4,5-Tetrachlorobenzene	10.89	216	125509	37.12	ng	100
40) Hexachlorocyclopentadiene	10.87	237	35590	36.02	ng	98

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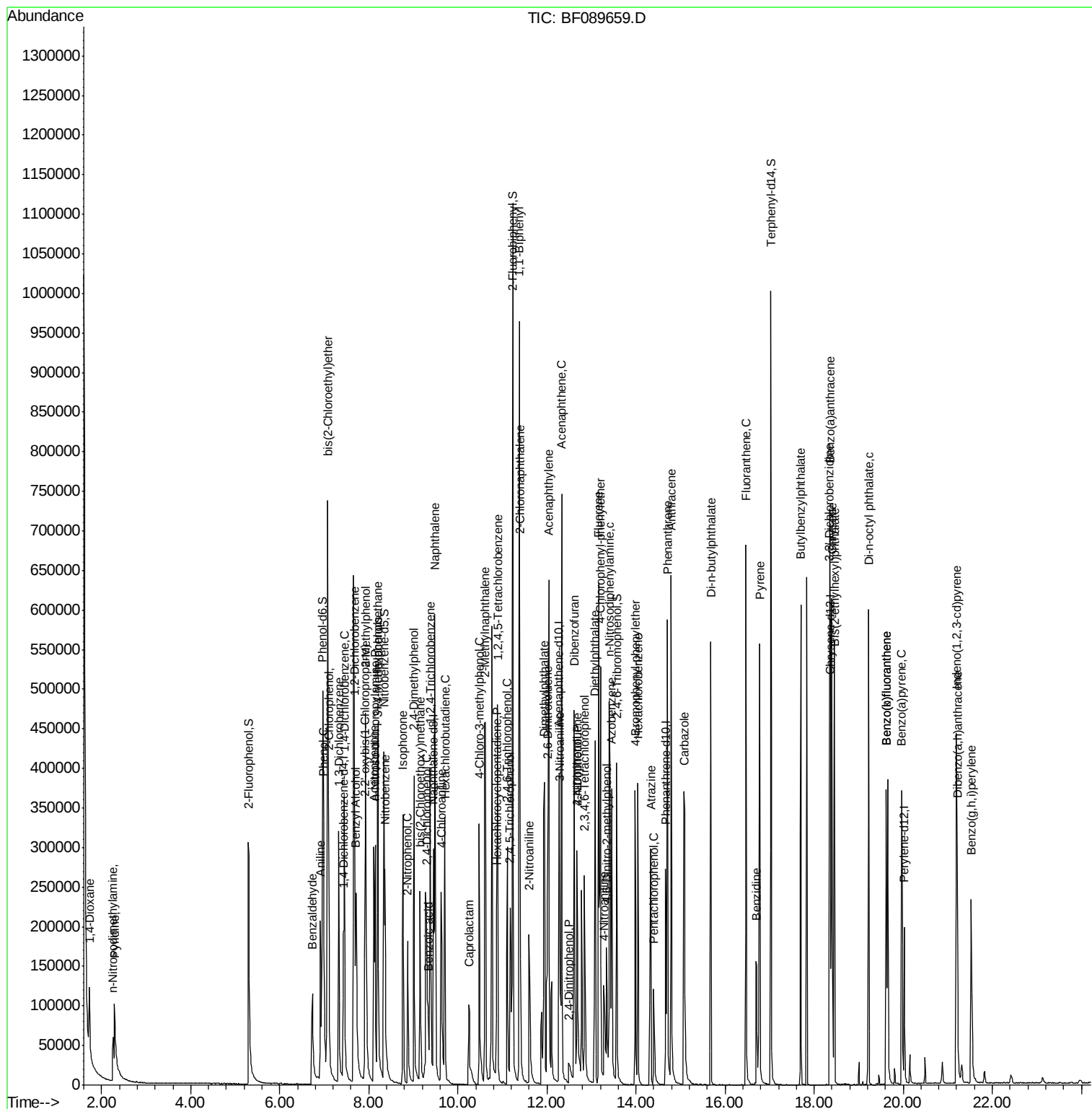
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.11	196	64296	38.55	ng	99
43) 2,4,5-Trichlorophenol	11.18	196	70361	39.47	ng	95
45) 1,1'-Biphenyl	11.38	154	300088	36.99	ng	99
46) 2-Chloronaphthalene	11.39	162	222791	36.62	ng	98
47) 2-Nitroaniline	11.60	65	69904	35.65	ng	98
48) Acenaphthylene	12.04	152	366485	36.57	ng	100
49) Dimethylphthalate	11.94	163	274033	38.86	ng	100
50) 2,6-Dinitrotoluene	12.02	165	57040	40.68	ng	97
51) Acenaphthene	12.33	154	217073	37.50	ng	99
52) 3-Nitroaniline	12.28	138	60140	35.86	ng	97
53) 2,4-Dinitrophenol	12.50	184	15432	34.19	ng	98
54) Dibenzofuran	12.62	168	295385	37.12	ng	98
55) 4-Nitrophenol	12.67	139	31412	32.55	ng	# 54
56) 2,4-Dinitrotoluene	12.67	165	75969	38.52	ng	95
57) Fluorene	13.17	166	254352	37.40	ng	99
58) 2,3,4,6-Tetrachlorophenol	12.85	232	48419	35.78	ng	100
59) Diethylphthalate	13.07	149	276864	37.96	ng	98
60) 4-Chlorophenyl-phenylether	13.20	204	118246	37.92	ng	100
61) 4-Nitroaniline	13.28	138	55852	37.04	ng	91
62) Azobenzene	13.45	77	267395	37.91	ng	92
64) 4,6-Dinitro-2-methylphenol	13.34	198	36146	35.62	ng	96
65) n-Nitrosodiphenylamine	13.41	169	210486	35.94	ng	100
66) 4-Bromophenyl-phenylether	13.98	248	63959	38.14	ng	# 78
67) Hexachlorobenzene	14.05	284	64750	35.10	ng	95
68) Atrazine	14.33	200	67203	41.10	ng	98
69) Pentachlorophenol	14.40	266	24411	33.44	ng	99
70) Phenanthrene	14.71	178	349322	37.05	ng	99
71) Anthracene	14.79	178	374510	37.05	ng	99
72) Carbazole	15.09	167	319628	37.94	ng	99
73) Di-n-butylphthalate	15.68	149	441214	38.72	ng	99
74) Fluoranthene	16.47	202	358217	36.96	ng	99
76) Benzidine	16.71	184	152600	40.36	ng	99
77) Pyrene	16.78	202	367825	33.36	ng	100
79) Butylbenzylphthalate	17.70	149	179301	38.21	ng	94
80) Benzo(a)anthracene	18.35	228	260028	36.29	ng	99
81) 3,3'-Dichlorobenzidine	18.34	252	88564	39.23	ng	98
82) Chrysene	18.40	228	276413	36.77	ng	99
83) Bis(2-ethylhexyl)phthalate	18.46	149	248605	38.26	ng	# 96
84) Di-n-octyl phthalate	19.22	149	377372	40.36	ng	99
85) Indeno(1,2,3-cd)pyrene	21.20	276	206048	36.09	ng	100
87) Benzo(b)fluoranthene	19.62	252	201765	37.70	ng	100
88) Benzo(k)fluoranthene	19.62	252	201765	37.37	ng	# 96
89) Benzo(a)pyrene	19.97	252	192117	38.34	ng	98
90) Dibenzo(a,h)anthracene	21.21	278	170127	36.35	ng	98
91) Benzo(g,h,i)perylene	21.53	276	176871	36.91	ng	94

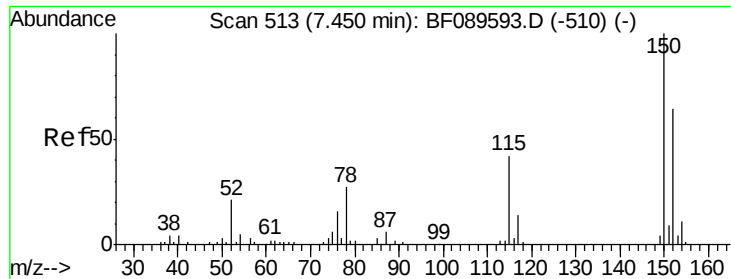
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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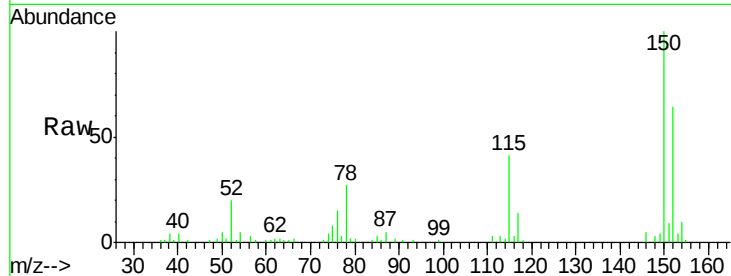


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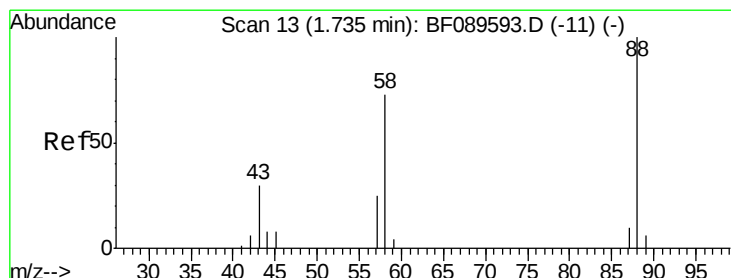
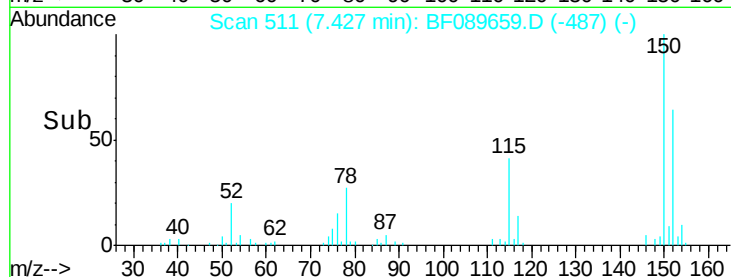
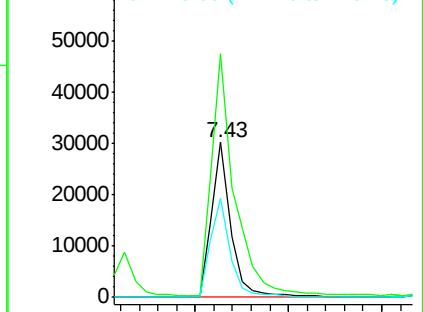
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.43 min Scan# 511
Delta R.T. -0.02 min
Lab File: BF089659.D
Acq: 8 Aug 2016 13:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 43794
Ion Ratio Lower Upper
152 100
150 157.0 125.5 188.3
115 64.2 52.0 78.0



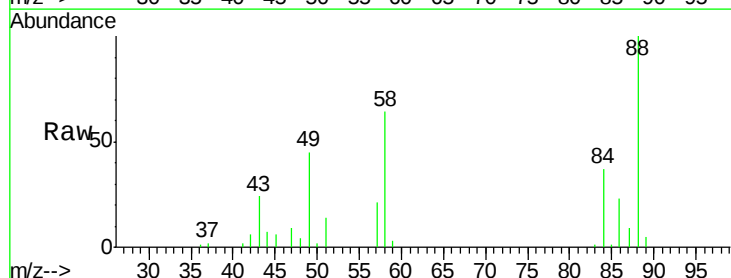
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



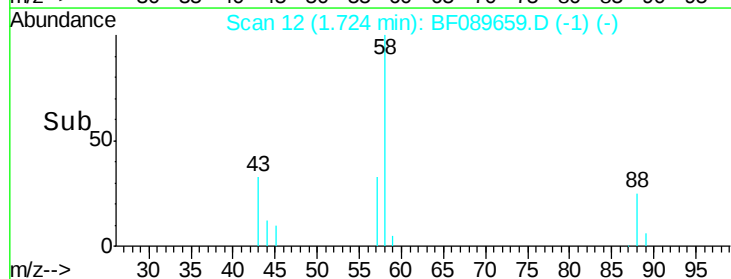
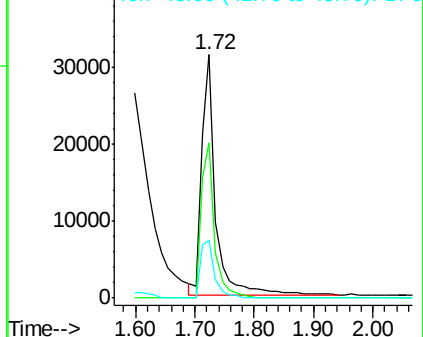
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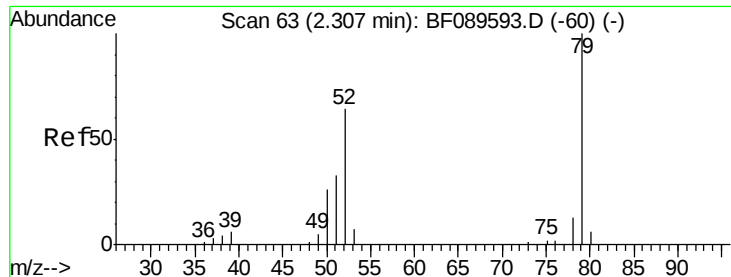
1,4-Dioxane
Concen: 34.58 ng
RT: 1.72 min Scan# 12
Delta R.T. -0.01 min
Lab File: BF089659.D
Acq: 8 Aug 2016 13:47

Tgt Ion: 88 Resp: 51792
Ion Ratio Lower Upper
88 100
58 61.4 49.8 74.8
43 24.3 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

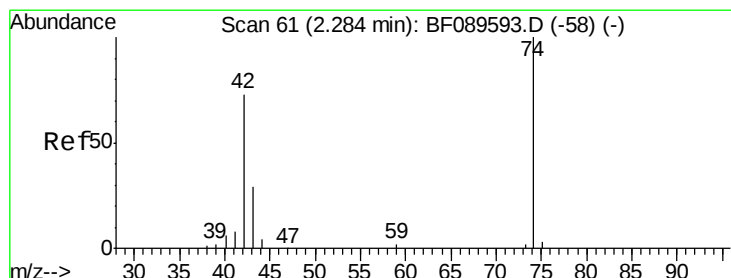
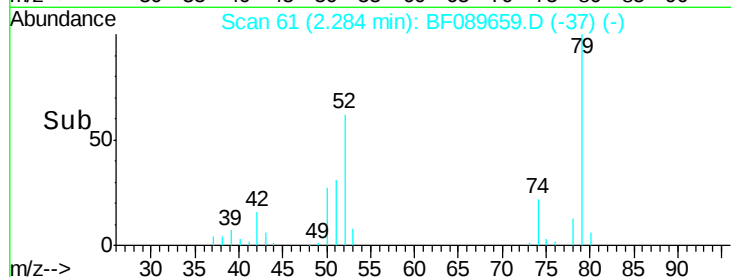
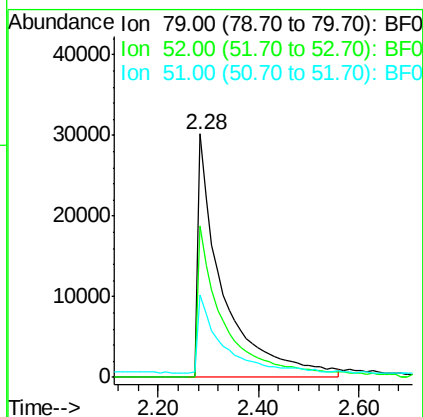
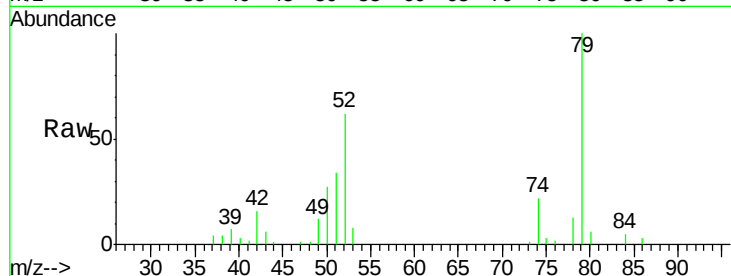




#3
 Pyridine
 Concen: 37.74 ng
 RT: 2.28 min Scan# 61
 Delta R.T. -0.02 min
 Lab File: BF089659.D
 Acq: 8 Aug 2016 13:47

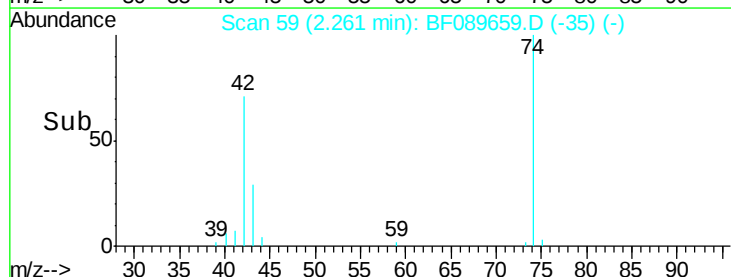
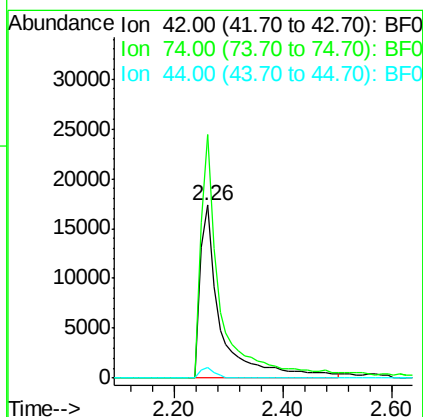
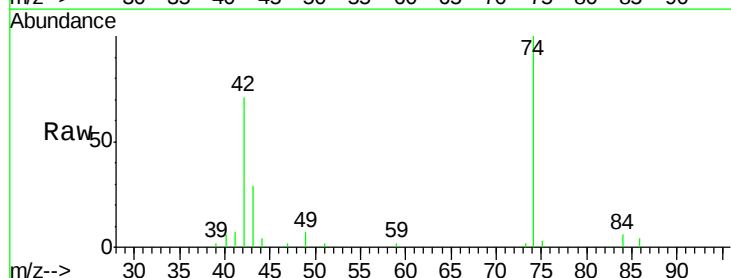
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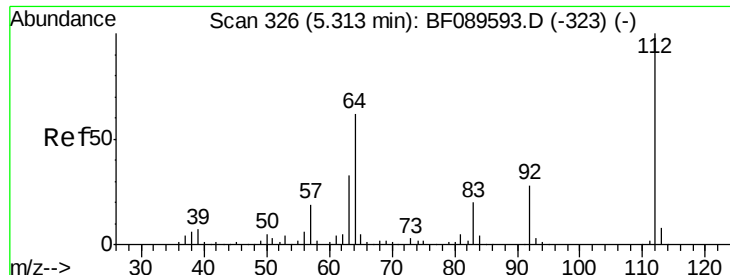
Tgt Ion: 79 Resp: 103868
 Ion Ratio Lower Upper
 79 100
 52 62.4 51.0 76.4
 51 34.0 27.9 41.9



#4
 n-Nitrosodimethylamine
 Concen: 39.02 ng
 RT: 2.26 min Scan# 59
 Delta R.T. -0.02 min
 Lab File: BF089659.D
 Acq: 8 Aug 2016 13:47

Tgt Ion: 42 Resp: 45378
 Ion Ratio Lower Upper
 42 100
 74 141.0 110.0 165.0
 44 6.0 4.8 7.2

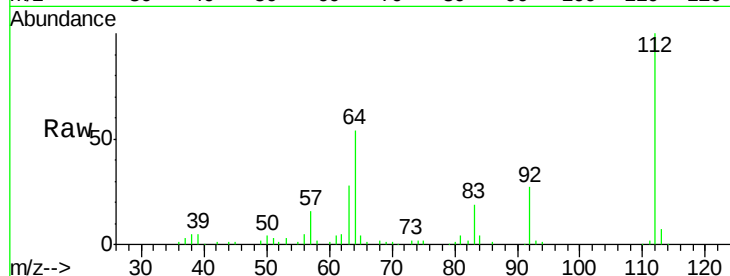




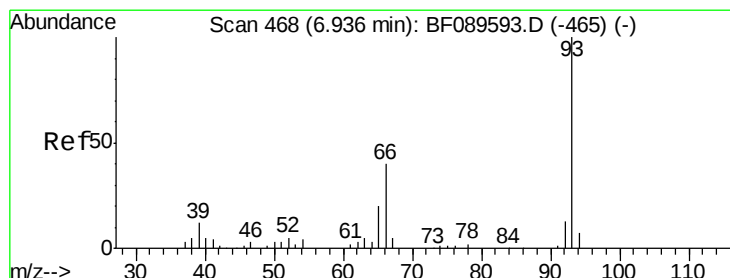
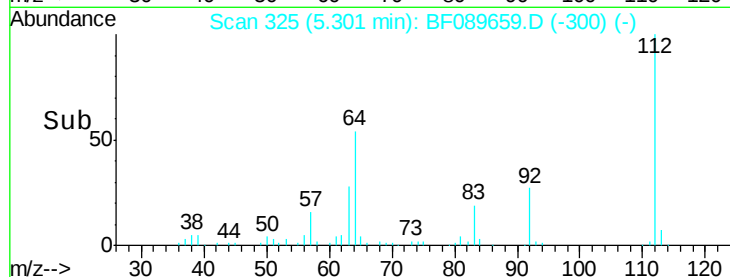
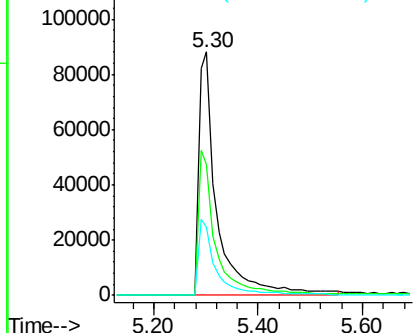
#5
 2-Fluorophenol
 Concen: 82.93 ng
 RT: 5.30 min Scan# 325
 Delta R.T. -0.01 min
 Lab File: BF089659.D
 Acq: 8 Aug 2016 13:47

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Tgt Ion: 112 Resp: 216702
 Ion Ratio Lower Upper
 112 100
 64 53.9 49.9 74.9
 63 28.3 26.1 39.1

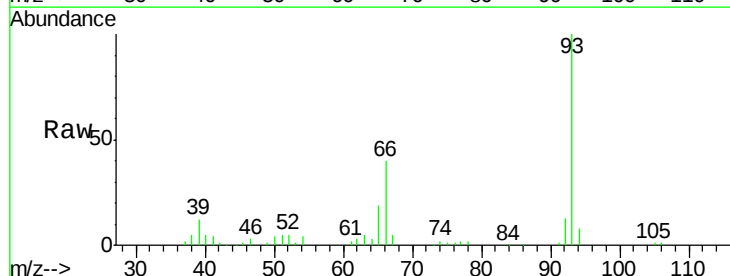


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0

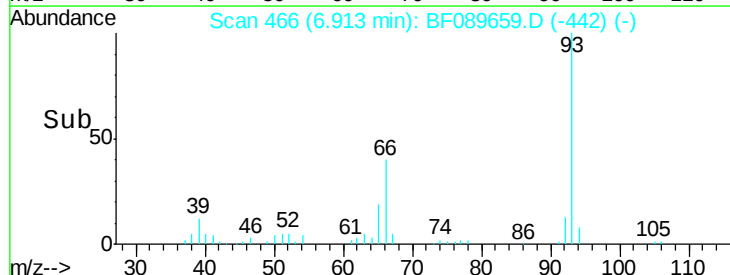
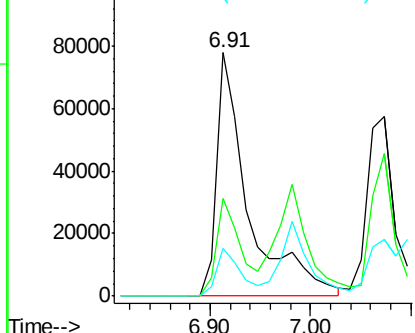


#6
 Aniline
 Concen: 37.22 ng
 RT: 6.91 min Scan# 466
 Delta R.T. -0.02 min
 Lab File: BF089659.D
 Acq: 8 Aug 2016 13:47

Tgt Ion: 93 Resp: 170946
 Ion Ratio Lower Upper
 93 100
 66 40.0 32.2 48.2
 65 19.5 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: 81.60 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.02 min

Lab File: BF089659.D

Acq: 8 Aug 2016 13:47

Instrument :

BNA_F

ClientSampleId :

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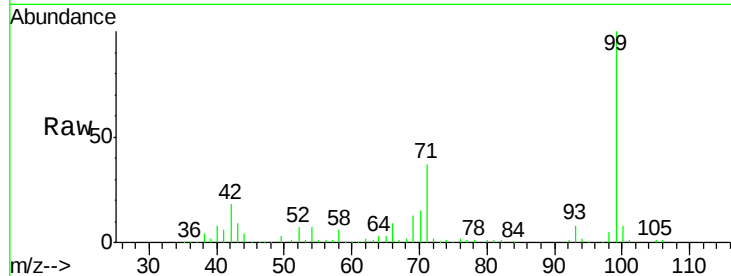
Tgt Ion: 99 Resp: 289231

Ion Ratio Lower Upper

99 100

42 17.9 13.7 20.5

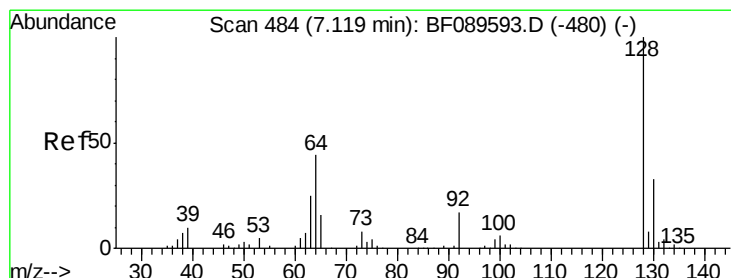
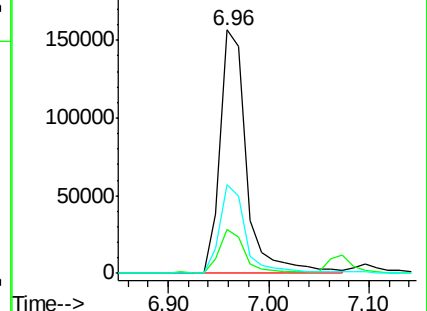
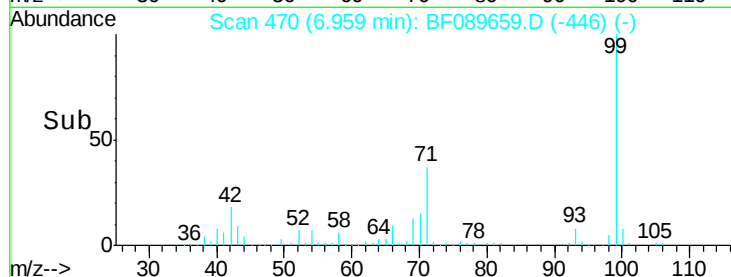
71 36.6 29.0 43.4



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: 39.42 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.02 min

Lab File: BF089659.D

Acq: 8 Aug 2016 13:47

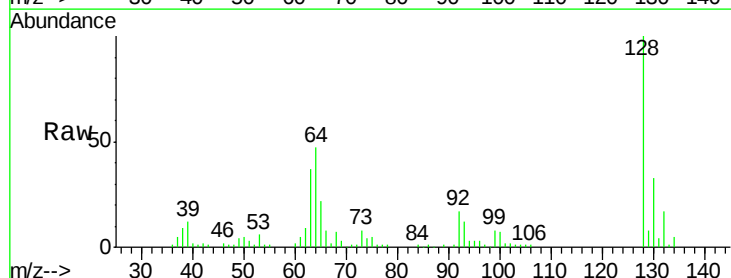
Tgt Ion: 128 Resp: 126458

Ion Ratio Lower Upper

128 100

130 32.8 12.6 52.6

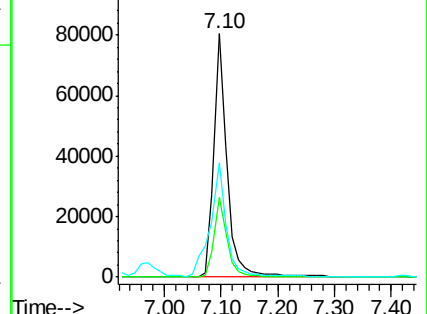
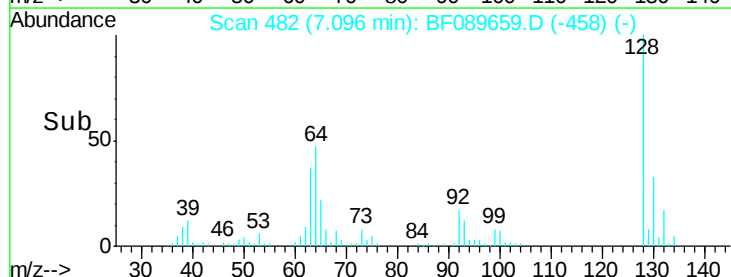
64 46.9 25.3 65.3

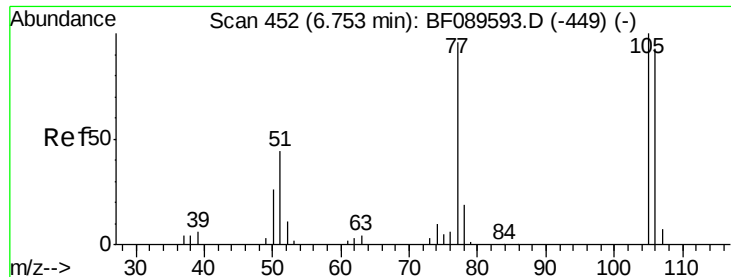


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 54.81 ng

RT: 6.73 min Scan# 450

Delta R.T. -0.02 min

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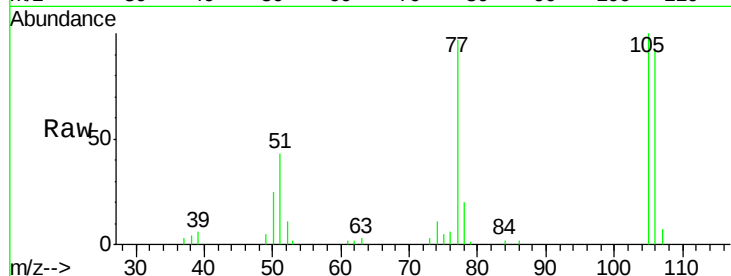
Tgt Ion: 77 Resp: 70481

Ion Ratio Lower Upper

77 100

105 102.6 84.7 124.7

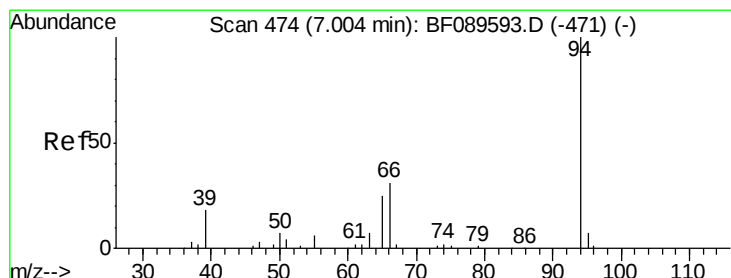
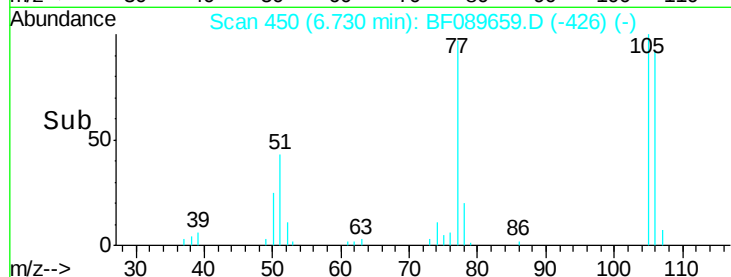
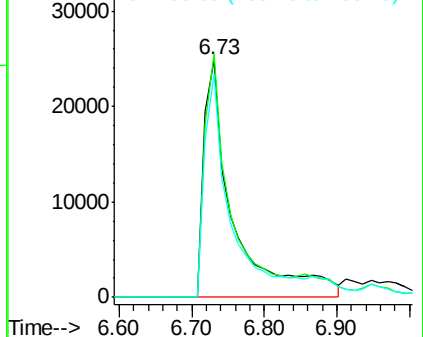
106 94.1 77.1 117.1



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: 40.87 ng

RT: 6.98 min Scan# 472

Delta R.T. -0.02 min

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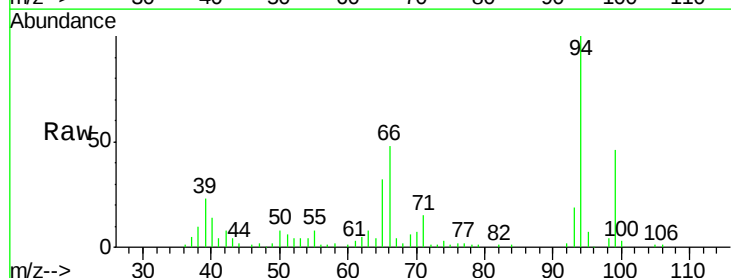
Tgt Ion: 94 Resp: 148725

Ion Ratio Lower Upper

94 100

65 31.9 11.0 51.0

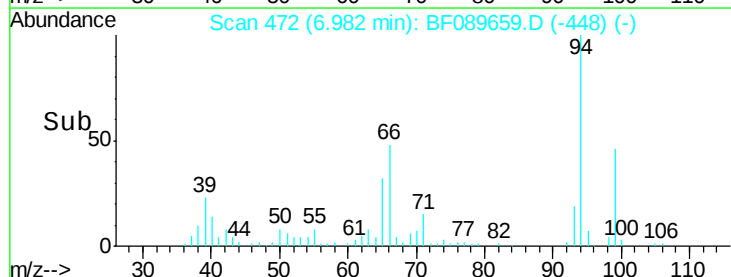
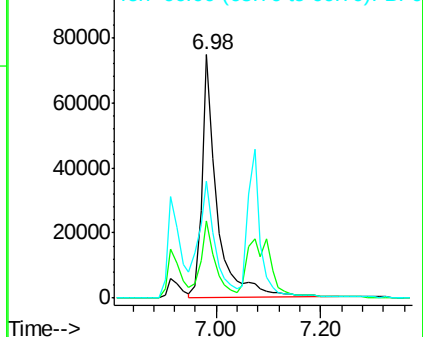
66 47.8 27.4 67.4

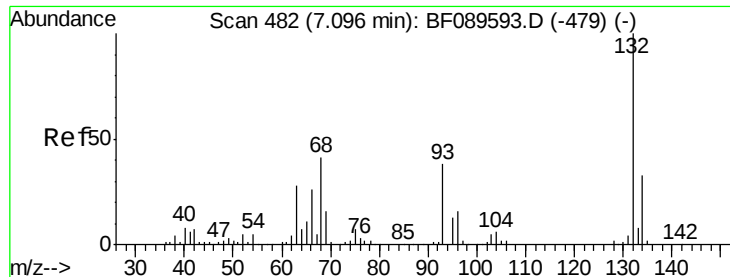


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

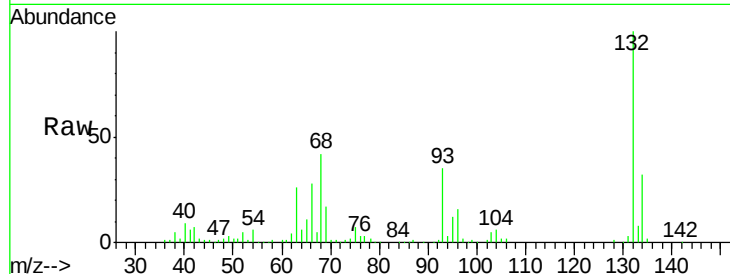




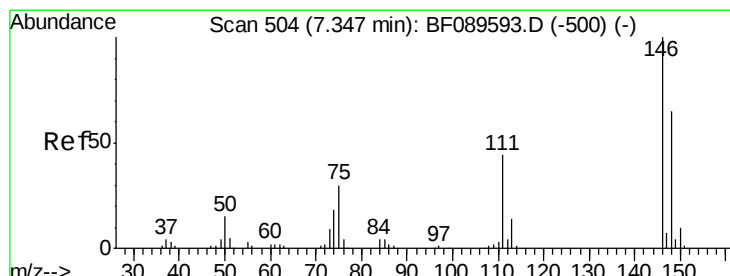
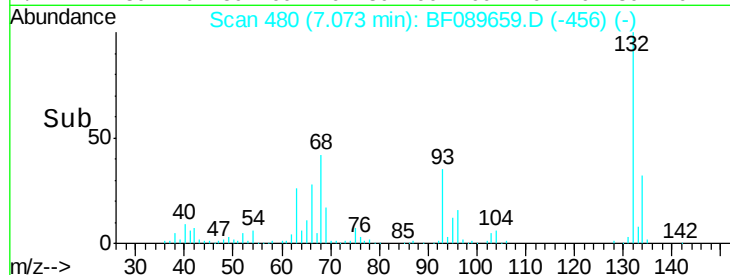
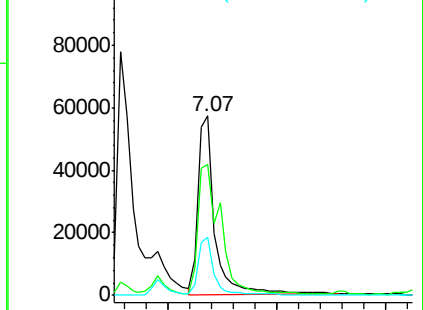
#11
 bis(2-Chloroethyl)ether
 Concen: 38.37 ng
 RT: 7.07 min Scan# 480
 Delta R.T. -0.02 min
 Lab File: BF089659.D
 Acq: 8 Aug 2016 13:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 93 Resp: 119976
 Ion Ratio Lower Upper
 93 100
 63 72.9 52.2 92.2
 95 32.7 13.1 53.1

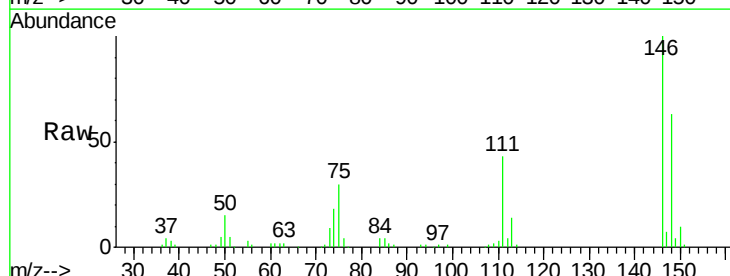


Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0

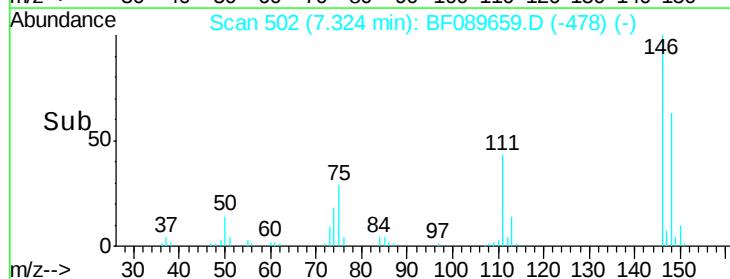
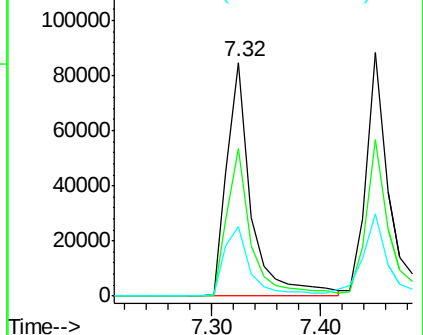


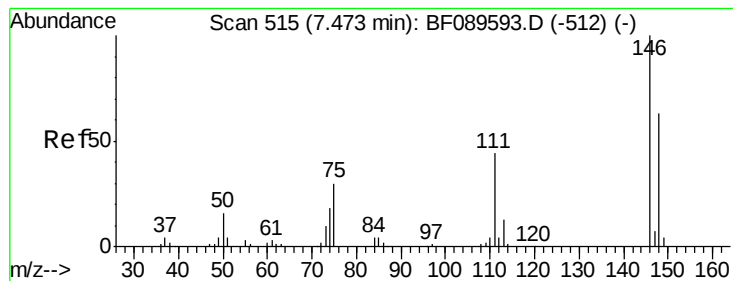
#12
 1,3-Dichlorobenzene
 Concen: 37.79 ng
 RT: 7.32 min Scan# 502
 Delta R.T. -0.02 min
 Lab File: BF089659.D
 Acq: 8 Aug 2016 13:47

Tgt Ion: 146 Resp: 131655
 Ion Ratio Lower Upper
 146 100
 148 63.1 52.1 78.1
 75 29.6 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: 37.69 ng

RT: 7.45 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF089659.D

Acq: 8 Aug 2016 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

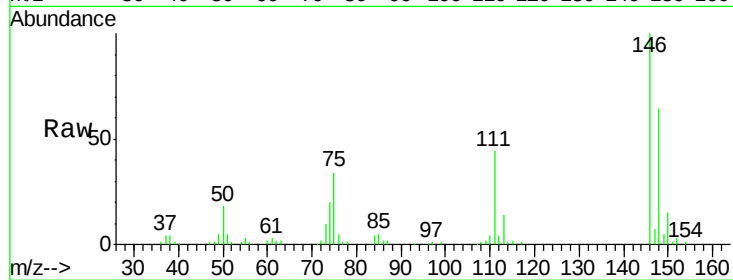
Tgt Ion:146 Resp: 130968

Ion Ratio Lower Upper

146 100

148 64.4 50.4 75.6

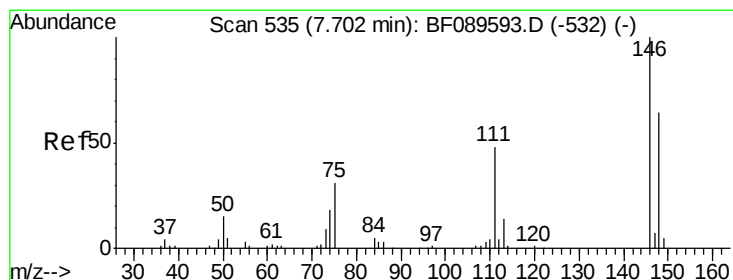
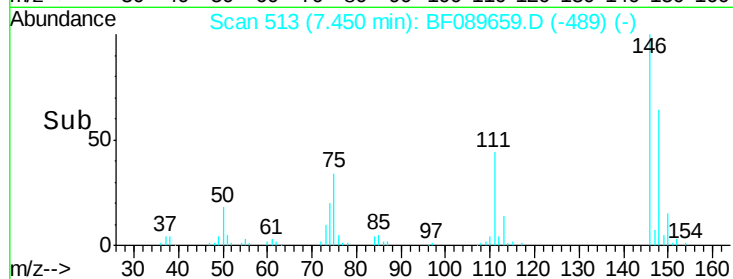
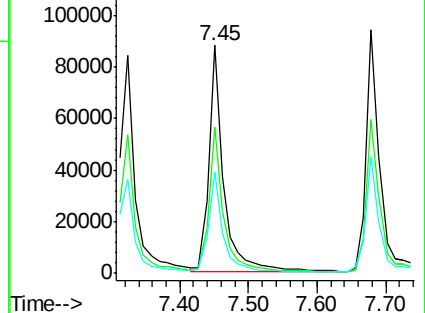
111 44.5 35.0 52.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 35.99 ng

RT: 7.68 min Scan# 533

Delta R.T. -0.02 min

Lab File: BF089659.D

Acq: 8 Aug 2016 13:47

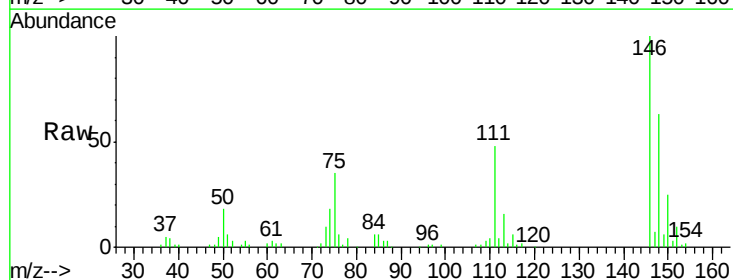
Tgt Ion:146 Resp: 131825

Ion Ratio Lower Upper

146 100

148 63.3 51.0 76.6

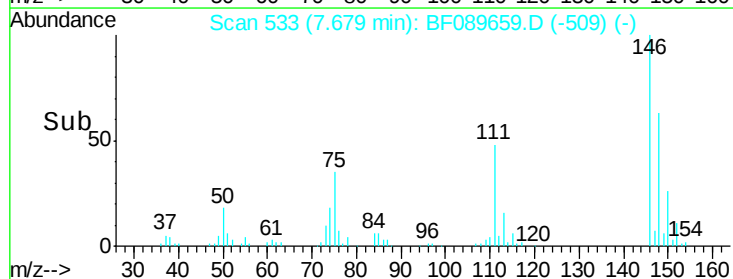
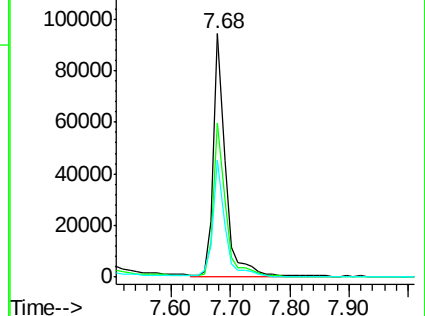
111 48.1 38.5 57.7

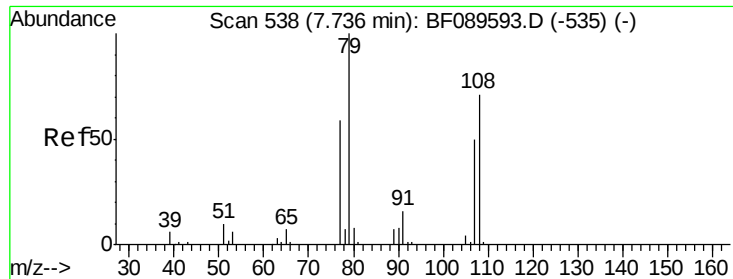


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.26 ng

RT: 7.71 min Scan# 536

Delta R.T. -0.02 min

Lab File: BF089659.D

Acq: 8 Aug 2016 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

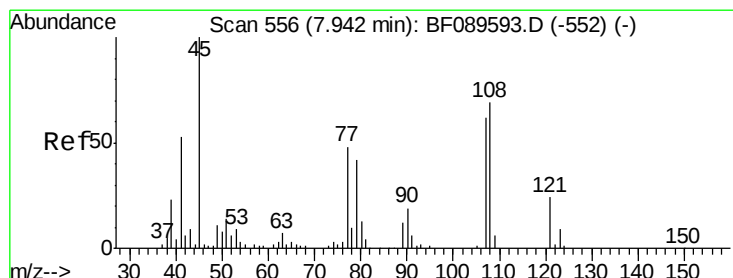
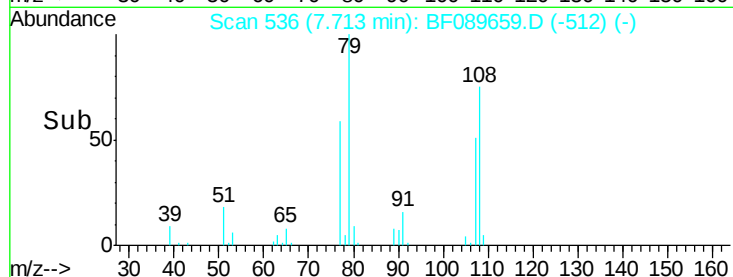
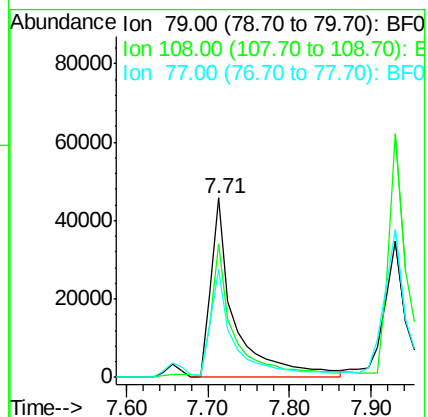
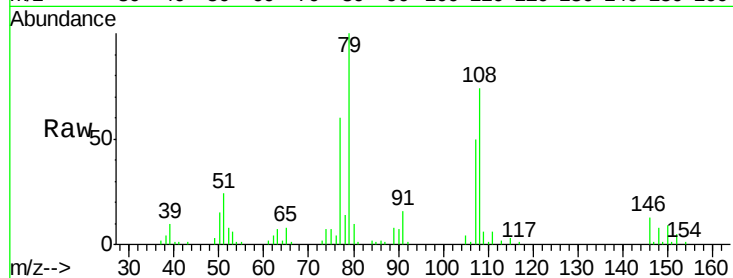
Tgt Ion: 79 Resp: 93575

Ion Ratio Lower Upper

79 100

108 74.3 58.3 87.5

77 60.4 48.7 73.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.13 ng

RT: 7.92 min Scan# 554

Delta R.T. -0.02 min

Lab File: BF089659.D

Acq: 8 Aug 2016 13:47

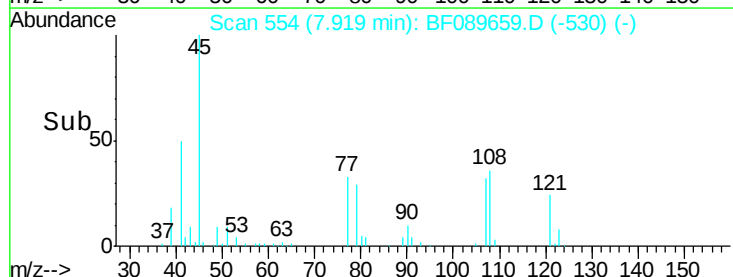
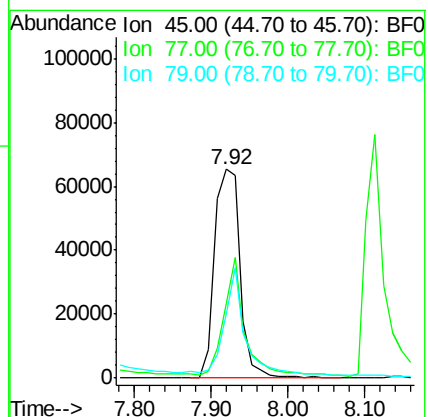
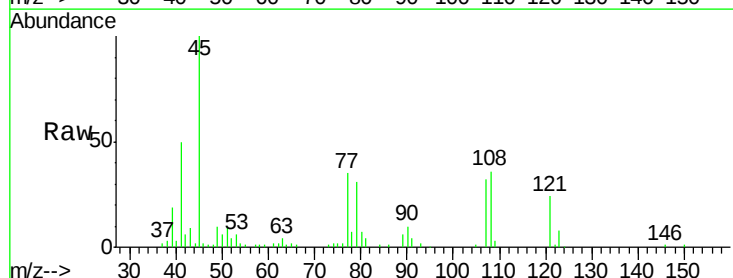
Tgt Ion: 45 Resp: 151799

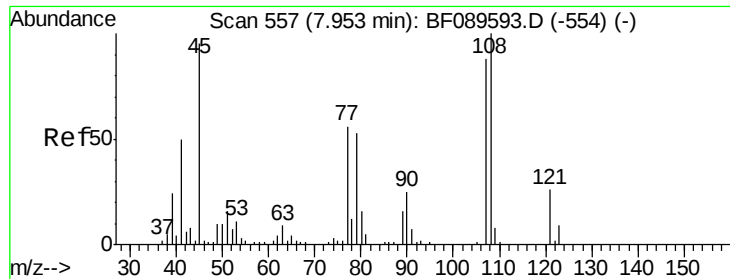
Ion Ratio Lower Upper

45 100

77 35.5 30.1 70.1

79 31.0 25.5 65.5

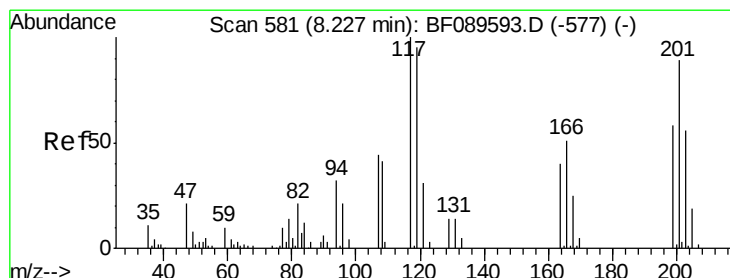
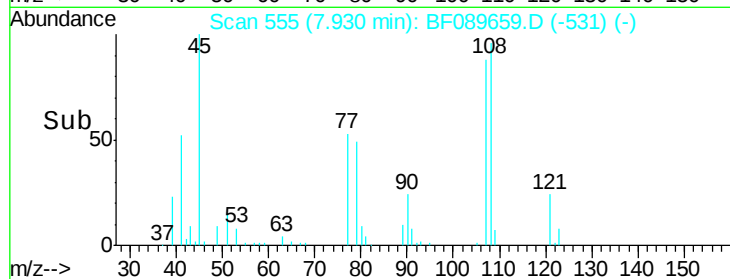
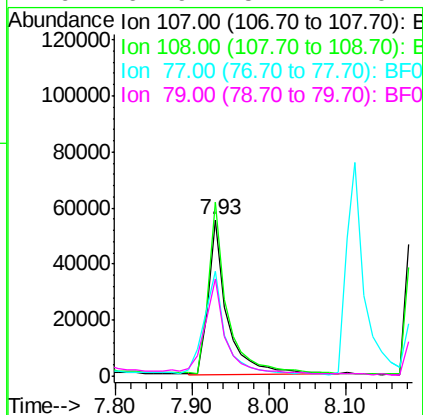
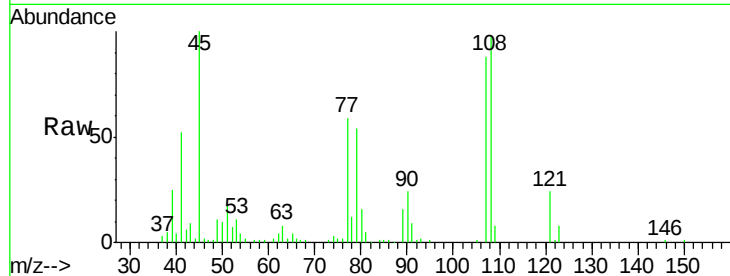




#17
2-Methylphenol
Concen: 40.57 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.02 min
Lab File: BF089659.D
Acq: 8 Aug 2016 13:47

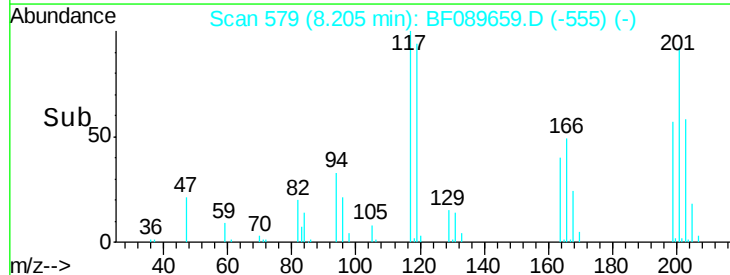
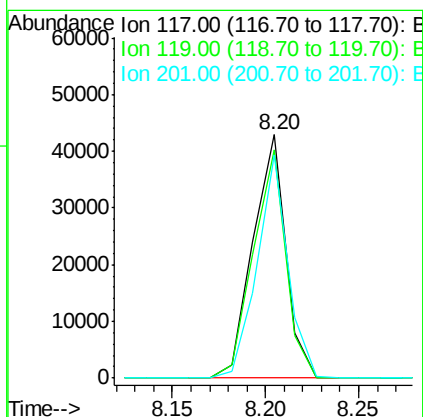
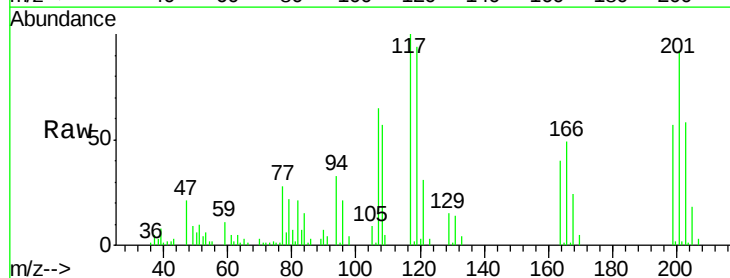
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

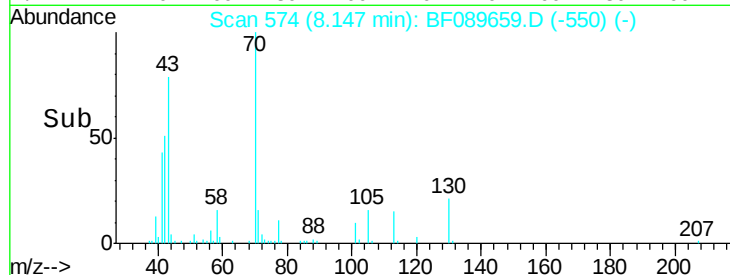
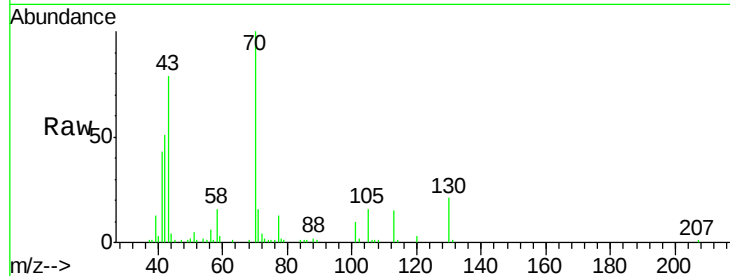
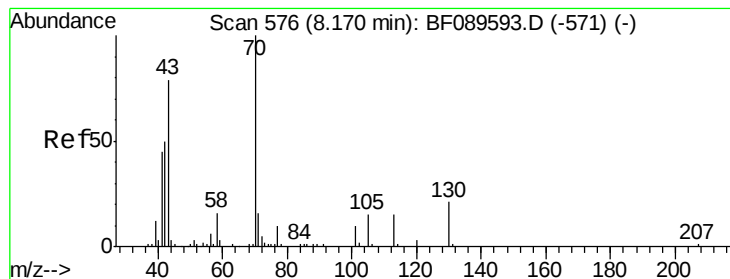
Tgt Ion:107 Resp: 93988
Ion Ratio Lower Upper
107 100
108 111.2 91.2 136.8
77 67.4 54.6 82.0
79 61.9 52.7 79.1



#18
Hexachloroethane
Concen: 36.17 ng
RT: 8.20 min Scan# 579
Delta R.T. -0.02 min
Lab File: BF089659.D
Acq: 8 Aug 2016 13:47

Tgt Ion:117 Resp: 52964
Ion Ratio Lower Upper
117 100
119 94.0 75.7 113.5
201 91.8 71.6 107.4





#19

n-Nitroso-di-n-propylamine

Concen: 37.92 ng

RT: 8.15 min Scan# 574

Delta R.T. -0.02 min

Lab File: BF089659.D

Acq: 8 Aug 2016 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 97101

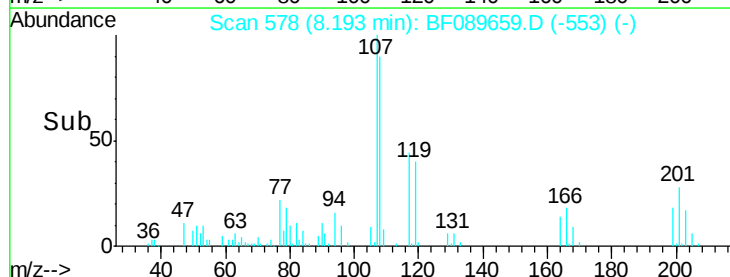
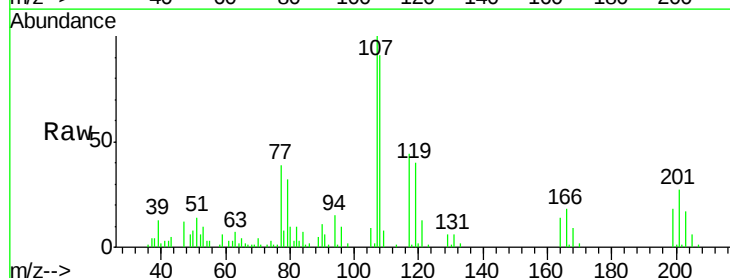
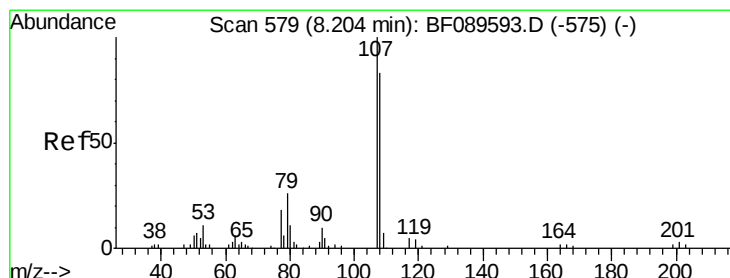
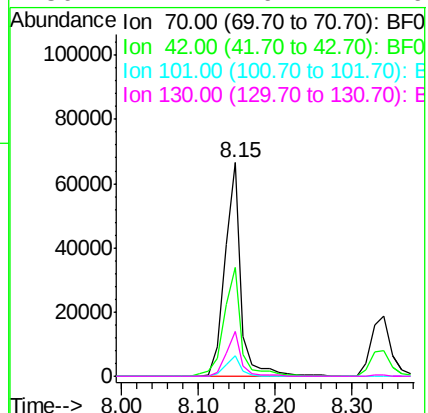
Ion Ratio Lower Upper

70 100

42 51.1 40.2 60.2

101 9.8 7.8 11.6

130 21.2 16.4 24.6



#20

3+4-Methylphenols

Concen: 42.36 ng

RT: 8.19 min Scan# 578

Delta R.T. -0.01 min

Lab File: BF089659.D

Acq: 8 Aug 2016 13:47

Tgt Ion: 107 Resp: 123889

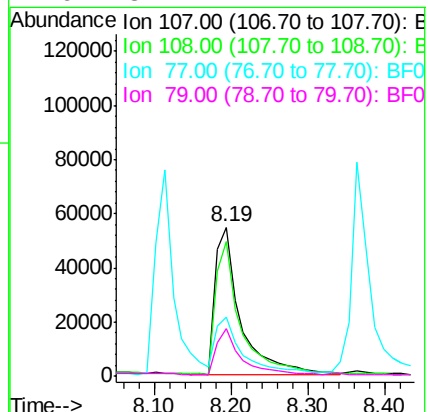
Ion Ratio Lower Upper

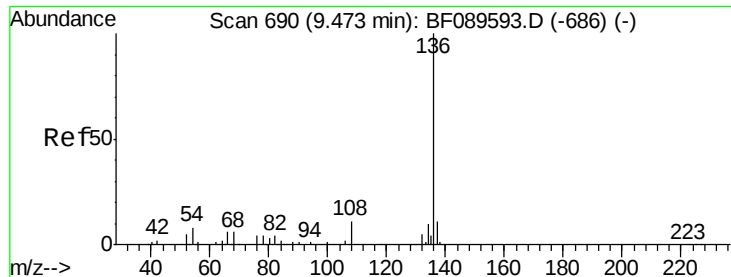
107 100

108 90.6 63.8 103.8

77 39.2 19.5 59.5

79 31.7 7.1 47.1

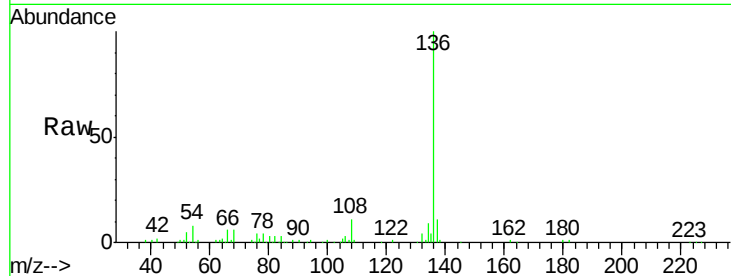




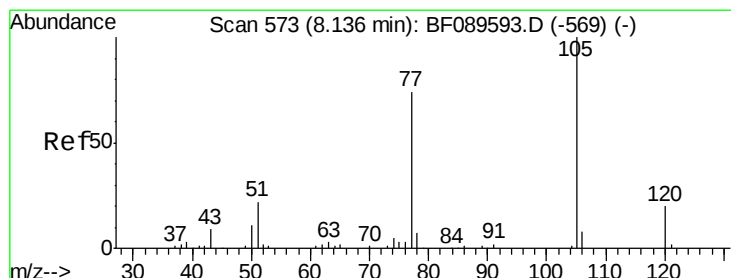
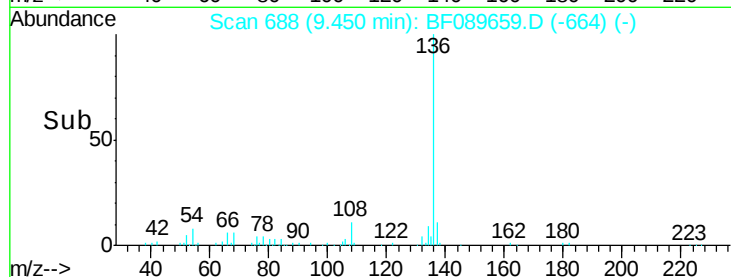
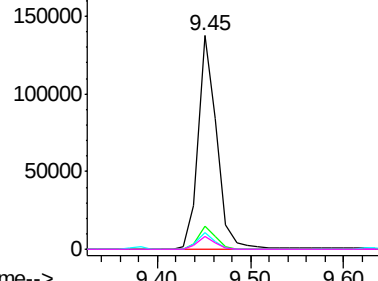
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.02 min
Lab File: BF089659.D
Acq: 8 Aug 2016 13:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	136	Resp:	191582
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.6	12.8
54	7.9	6.0	9.0
68	6.0	4.6	6.8



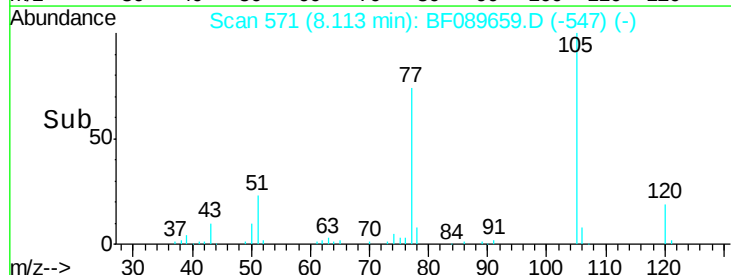
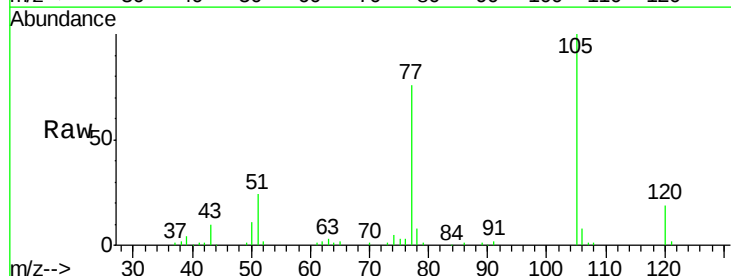
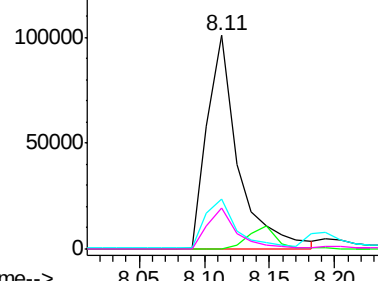
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

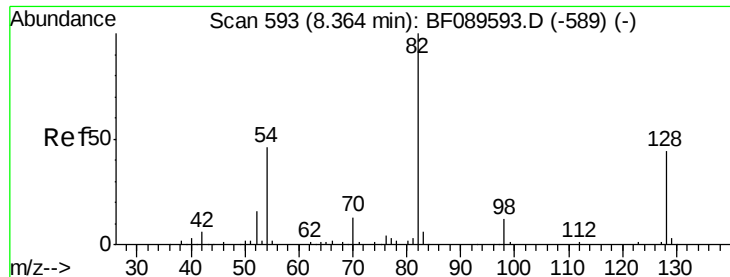


#22
Acetophenone
Concen: 36.28 ng
RT: 8.11 min Scan# 571
Delta R.T. -0.02 min
Lab File: BF089659.D
Acq: 8 Aug 2016 13:47

Tgt Ion:	105	Resp:	165698
Ion Ratio	Lower	Upper	
105	100		
71	0.0	0.0	0.0
51	23.7	18.2	27.2
120	19.5	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

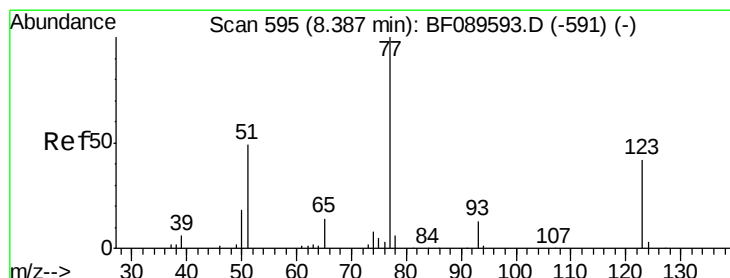
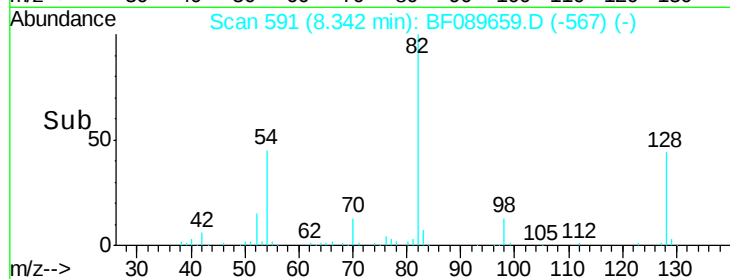
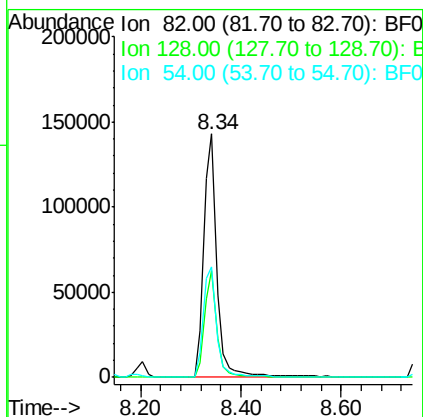
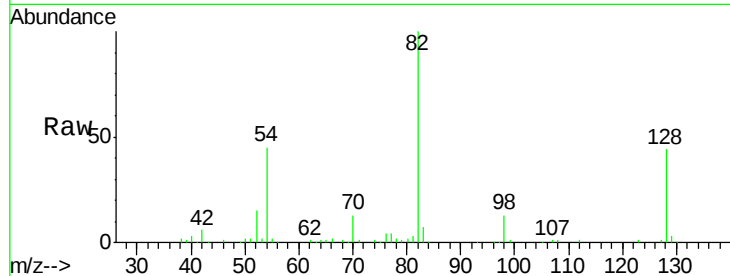




#23
 Nitrobenzene-d5
 Concen: 75.06 ng
 RT: 8.34 min Scan# 591
 Delta R.T. -0.02 min
 Lab File: BF089659.D
 Acq: 8 Aug 2016 13:47

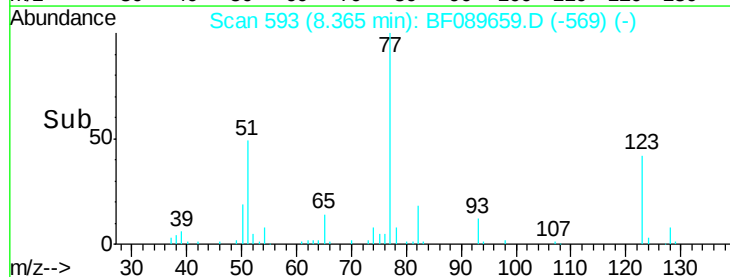
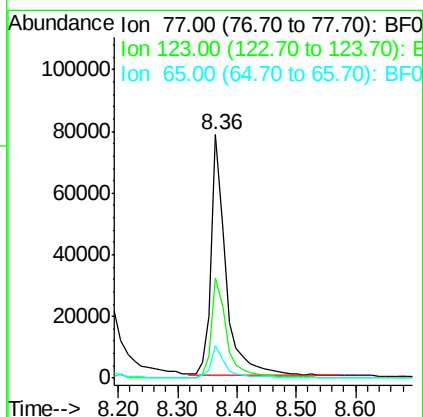
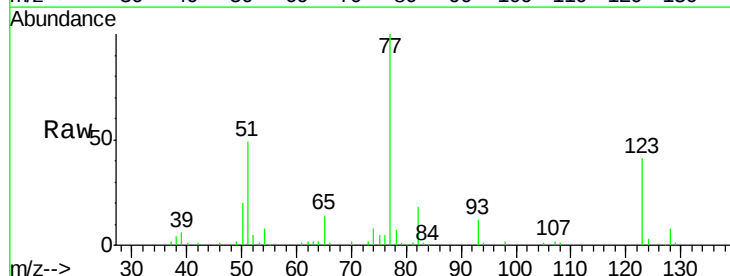
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

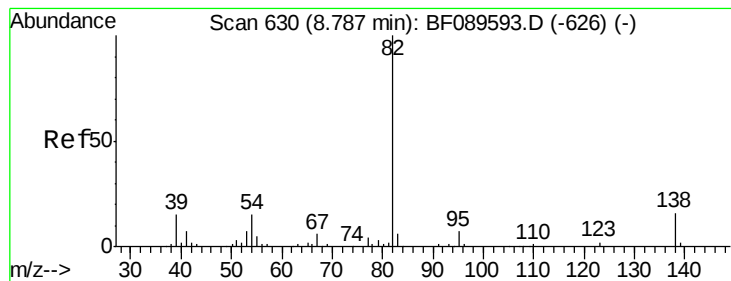
Tgt Ion: 82 Resp: 259981
 Ion Ratio Lower Upper
 82 100
 128 43.9 35.4 53.0
 54 45.2 36.4 54.6



#24
 Nitrobenzene
 Concen: 41.03 ng
 RT: 8.36 min Scan# 593
 Delta R.T. -0.02 min
 Lab File: BF089659.D
 Acq: 8 Aug 2016 13:47

Tgt Ion: 77 Resp: 134992
 Ion Ratio Lower Upper
 77 100
 123 41.2 32.6 49.0
 65 13.6 11.0 16.6





#25

Isophorone

Concen: 37.86 ng

RT: 8.76 min Scan# 628

Delta R.T. -0.02 min

Lab File: BF089659.D

Acq: 8 Aug 2016 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

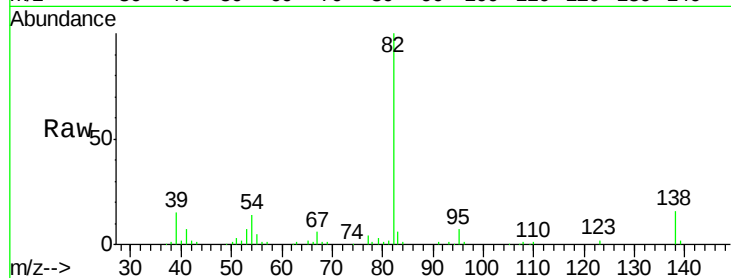
Tgt Ion: 82 Resp: 251100

Ion Ratio Lower Upper

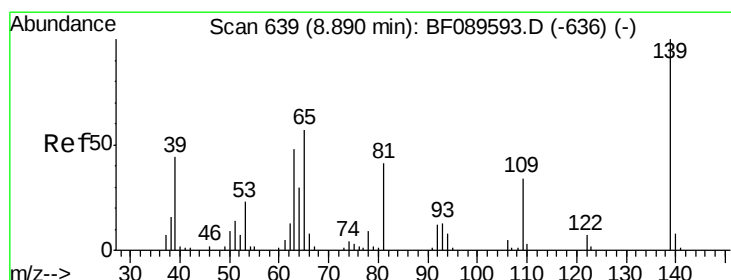
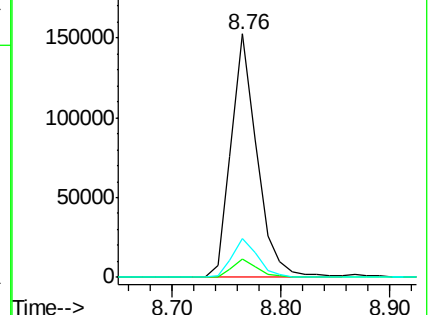
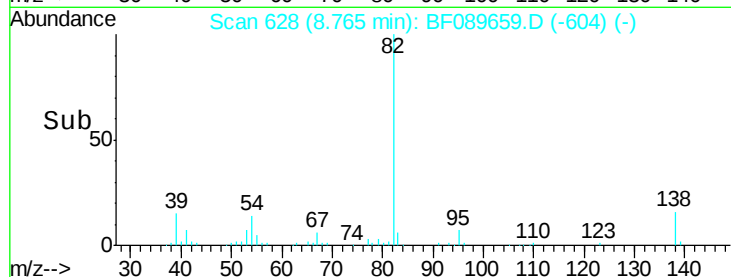
82 100

95 7.3 5.8 8.8

138 16.2 12.6 18.8



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 38.89 ng

RT: 8.87 min Scan# 637

Delta R.T. -0.02 min

Lab File: BF089659.D

Acq: 8 Aug 2016 13:47

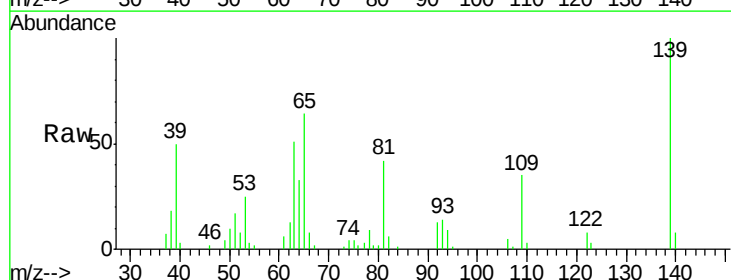
Tgt Ion: 139 Resp: 58716

Ion Ratio Lower Upper

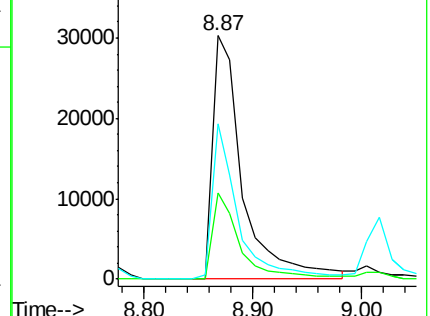
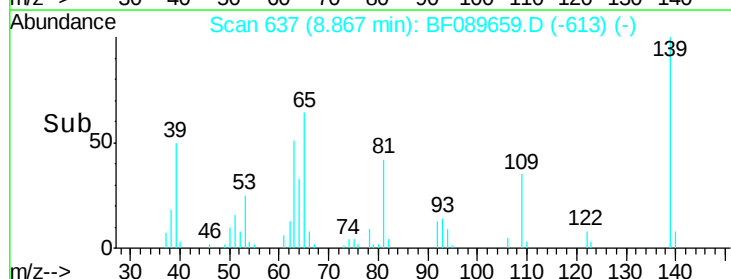
139 100

109 35.4 27.5 41.3

65 63.7 45.7 68.5



Abundance Ion 139.00 (138.70 to 139.70): BF0
Ion 109.00 (108.70 to 109.70): BF0
Ion 65.00 (64.70 to 65.70): BF0

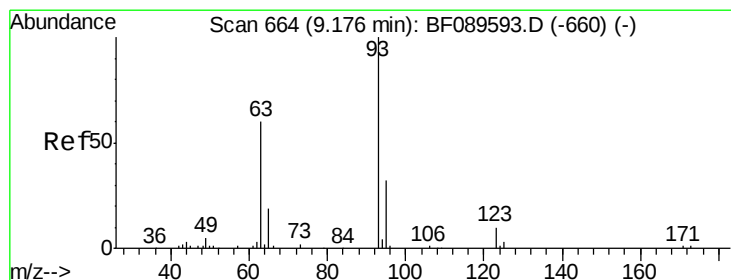
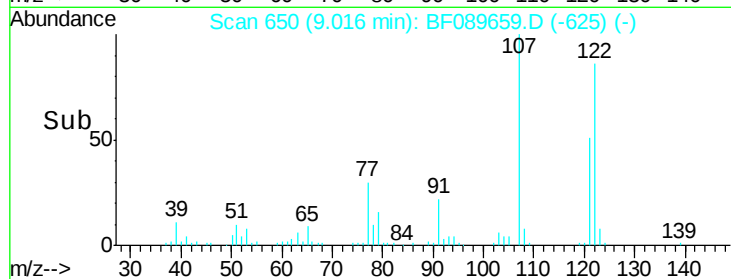
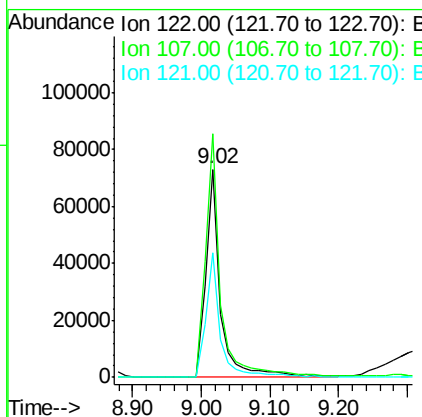
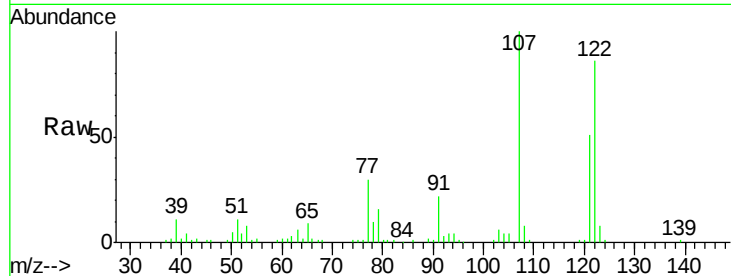




#27
 2,4-Dimethylphenol
 Concen: 40.14 ng
 RT: 9.02 min Scan# 650
 Delta R.T. -0.01 min
 Lab File: BF089659.D
 Acq: 8 Aug 2016 13:47

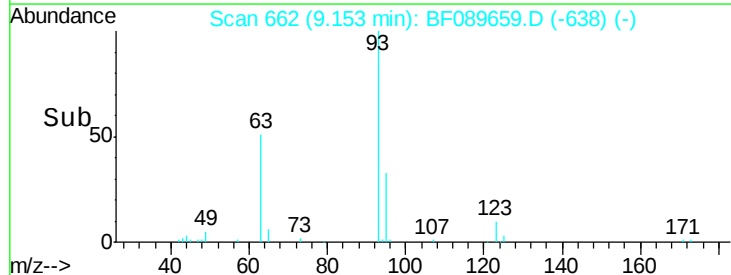
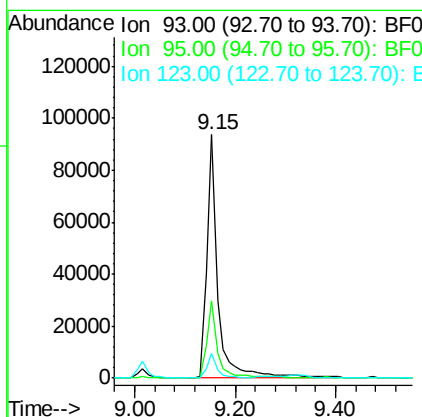
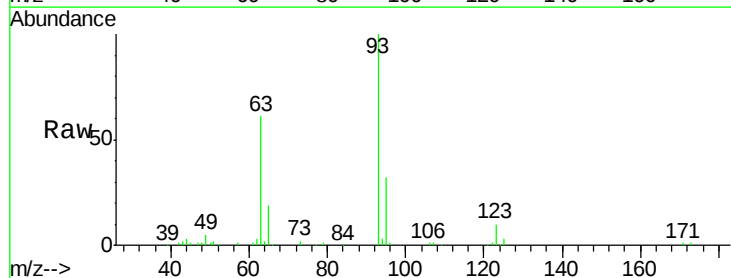
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

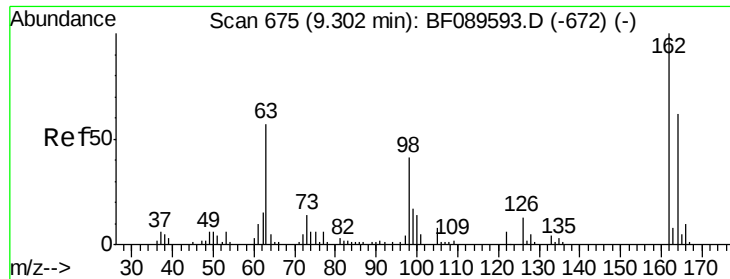
Tgt Ion:122 Resp: 108951
 Ion Ratio Lower Upper
 122 100
 107 116.9 99.5 149.3
 121 59.6 48.5 72.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.87 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.02 min
 Lab File: BF089659.D
 Acq: 8 Aug 2016 13:47

Tgt Ion: 93 Resp: 143943
 Ion Ratio Lower Upper
 93 100
 95 31.6 25.8 38.8
 123 10.1 8.0 12.0

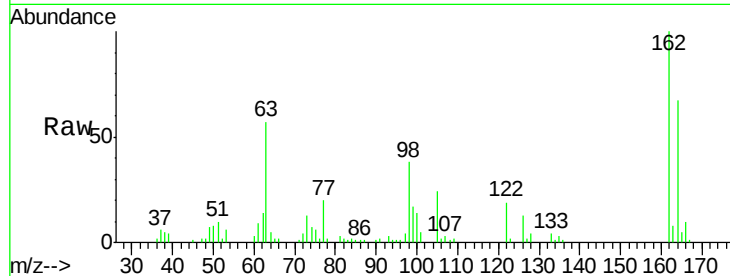




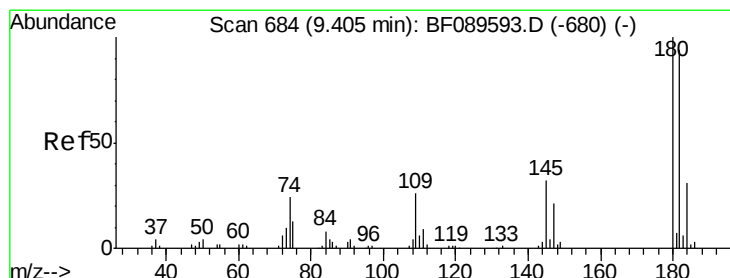
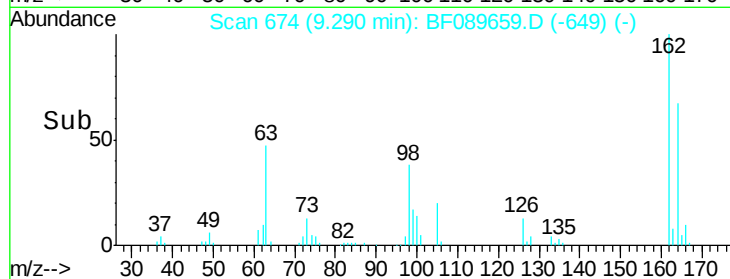
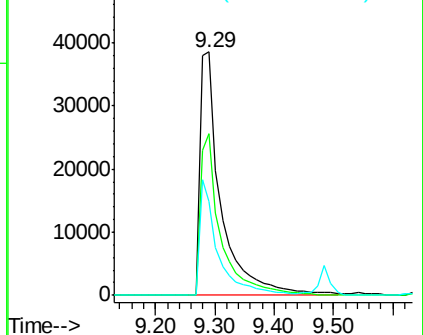
#29
 2,4-Dichlorophenol
 Concen: 37.76 ng
 RT: 9.29 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: BF089659.D
 Acq: 8 Aug 2016 13:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.6	42.3	82.3
98	38.5	21.2	61.2

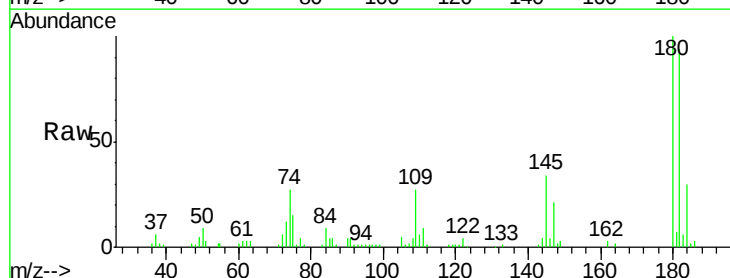


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

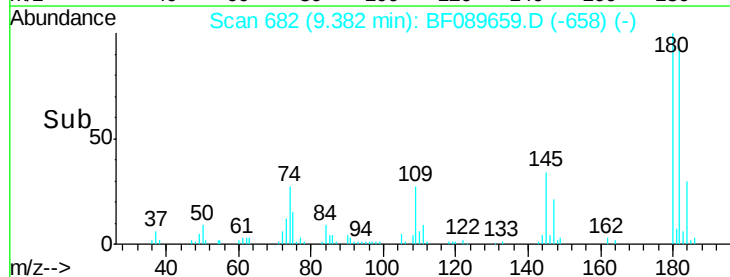
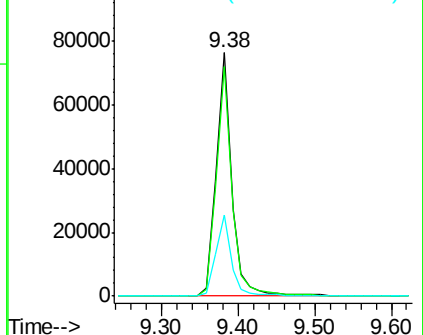


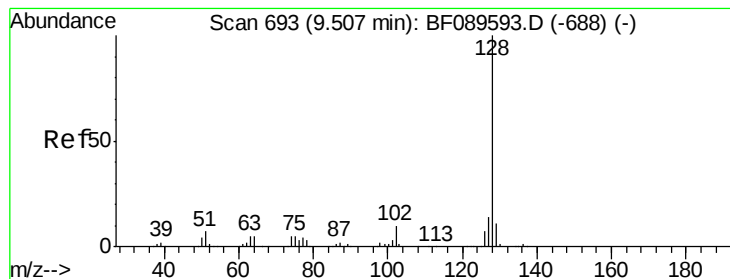
#30
 1,2,4-Trichlorobenzene
 Concen: 36.89 ng
 RT: 9.38 min Scan# 682
 Delta R.T. -0.02 min
 Lab File: BF089659.D
 Acq: 8 Aug 2016 13:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	75.0	112.6
145	33.5	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: 36.17 ng

RT: 9.48 min Scan# 691

Delta R.T. -0.02 min

Lab File: BF089659.D

Acq: 8 Aug 2016 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

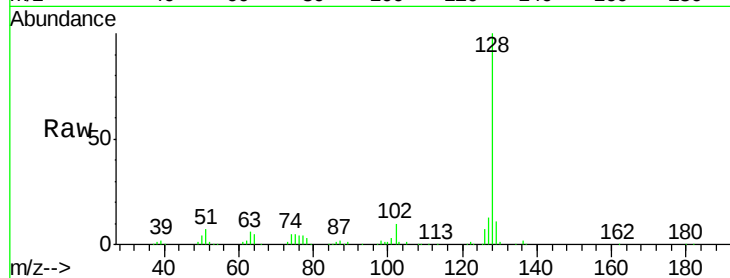
Tgt Ion:128 Resp: 368269

Ion Ratio Lower Upper

128 100

129 11.0 8.7 13.1

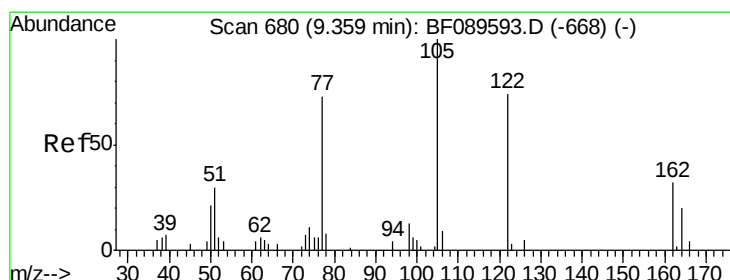
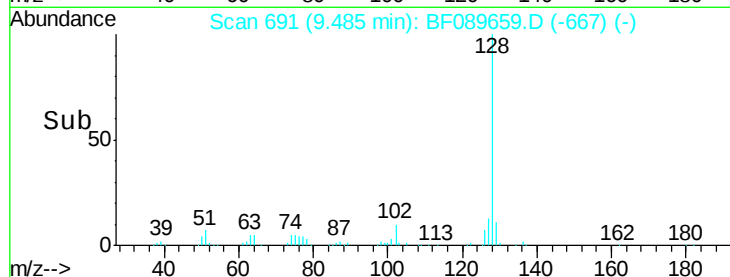
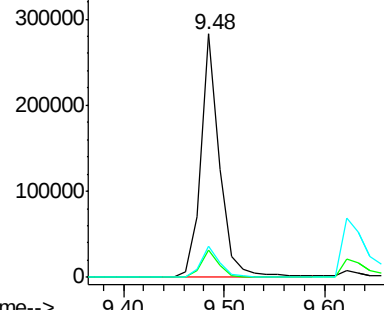
127 13.0 10.9 16.3



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: 35.98 ng

RT: 9.34 min Scan# 678

Delta R.T. -0.02 min

Lab File: BF089659.D

Acq: 8 Aug 2016 13:47

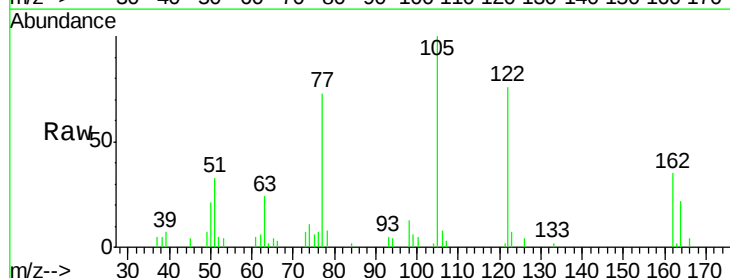
Tgt Ion:122 Resp: 61359

Ion Ratio Lower Upper

122 100

105 131.6 109.9 149.9

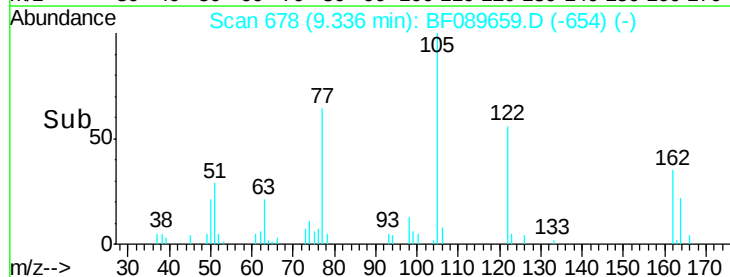
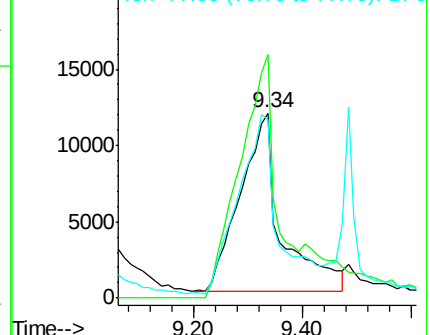
77 96.2 77.5 117.5

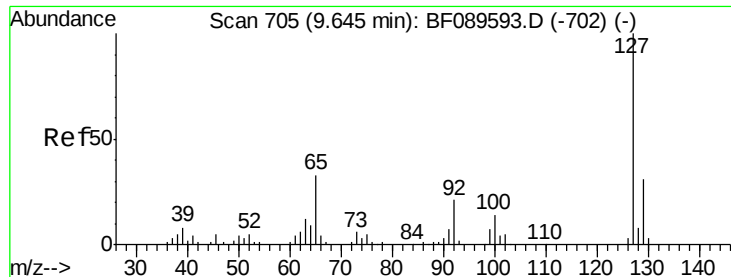


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

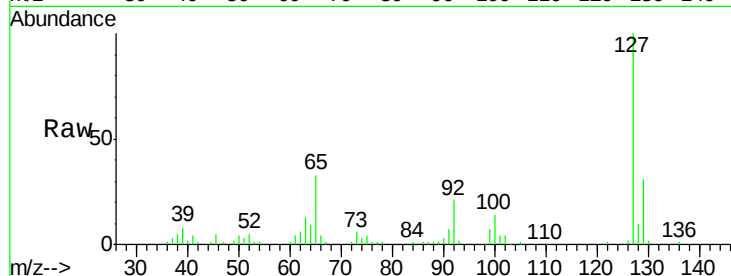




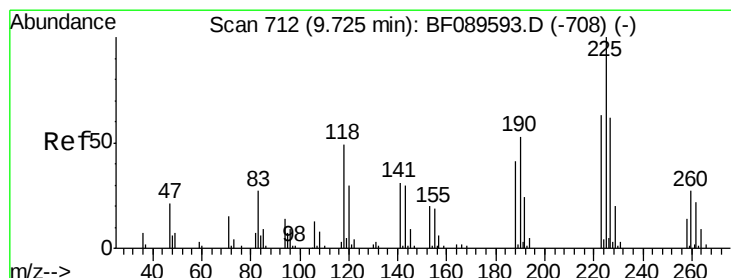
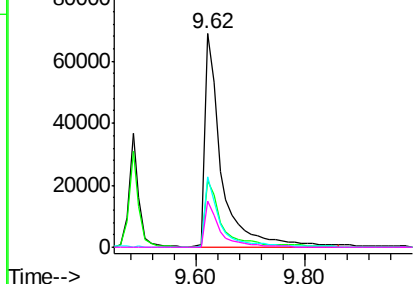
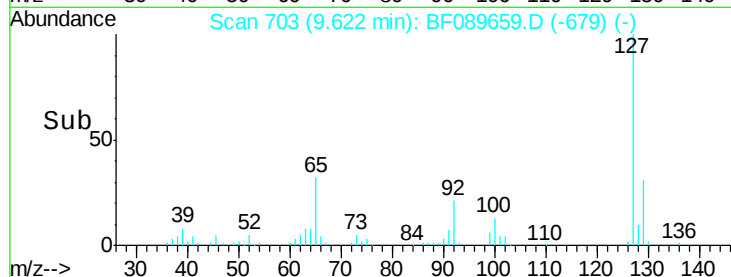
#33
 4-Chloroaniline
 Concen: 38.23 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.02 min
 Lab File: BF089659.D
 Acq: 8 Aug 2016 13:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	127	Resp:	146200
Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.1	37.7
65	32.7	26.2	39.2
92	21.3	16.9	25.3

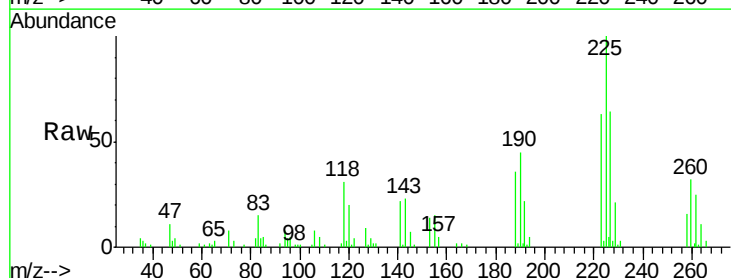


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

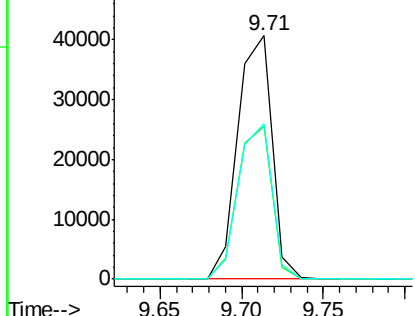
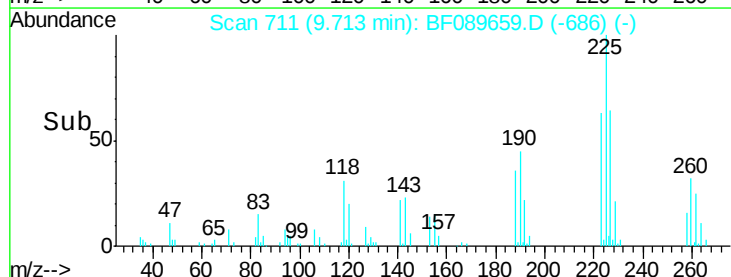


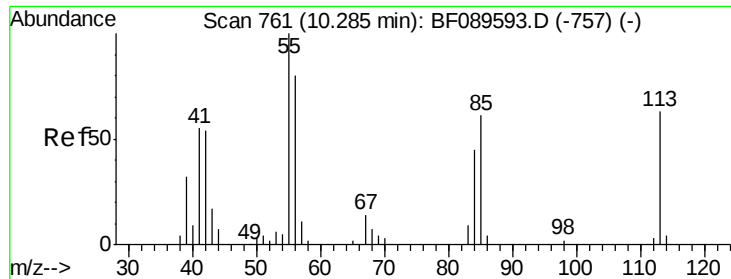
#34
 Hexachlorobutadiene
 Concen: 35.04 ng
 RT: 9.71 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: BF089659.D
 Acq: 8 Aug 2016 13:47

Tgt Ion:	225	Resp:	59196
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.7	76.1
227	63.9	49.4	74.0



Abundance Ion 225.00 (224.70 to 225.70): E
 Ion 223.00 (222.70 to 223.70): E
 Ion 227.00 (226.70 to 227.70): E

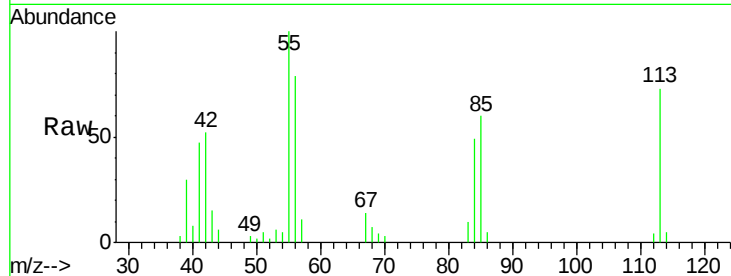




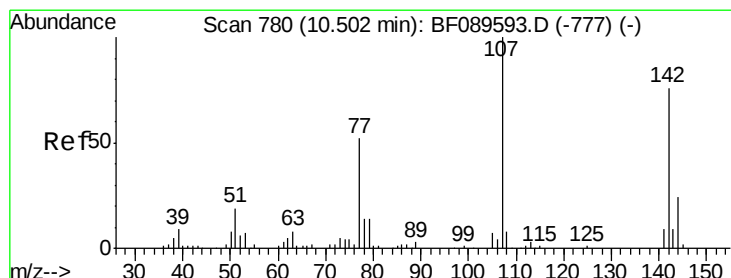
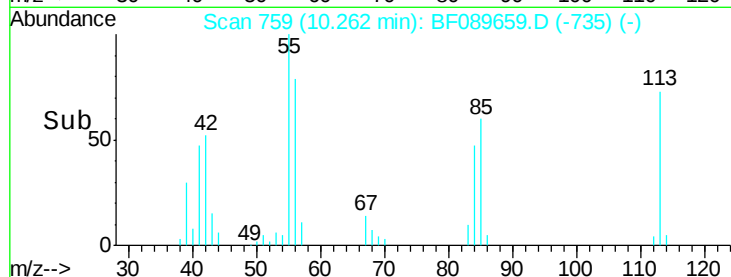
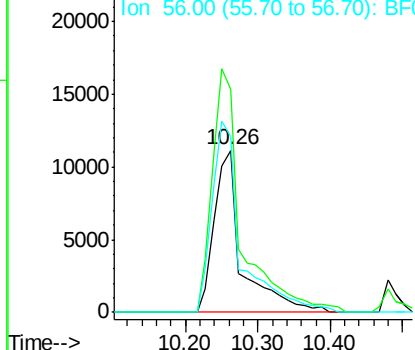
#35
 Caprolactam
 Concen: 39.49 ng
 RT: 10.26 min Scan# 759
 Delta R.T. -0.02 min
 Lab File: BF089659.D
 Acq: 8 Aug 2016 13:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:113 Resp: 29558
 Ion Ratio Lower Upper
 113 100
 55 137.4 139.6 179.6#
 56 108.7 108.2 148.2

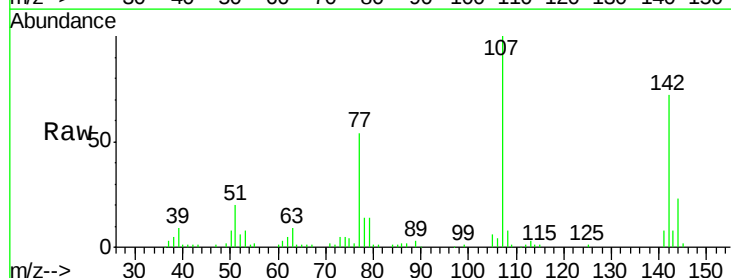


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

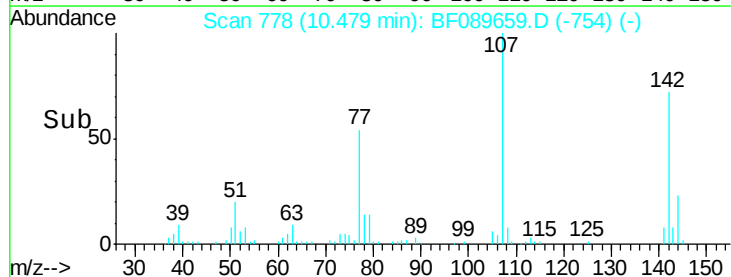
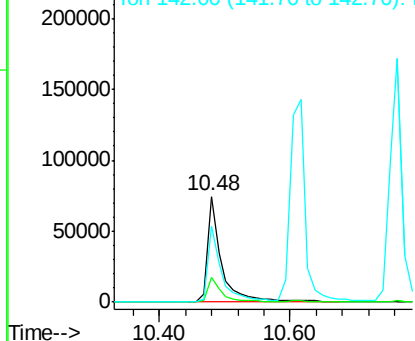


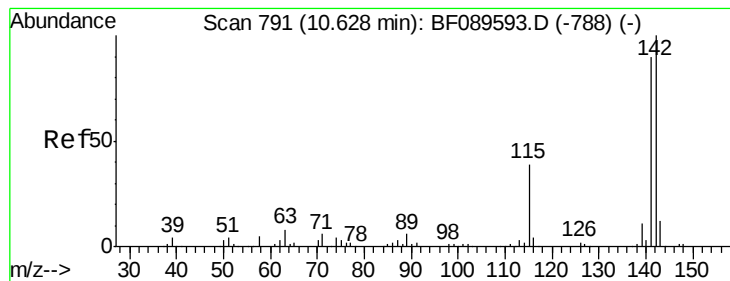
#36
 4-Chloro-3-methylphenol
 Concen: 37.47 ng
 RT: 10.48 min Scan# 778
 Delta R.T. -0.02 min
 Lab File: BF089659.D
 Acq: 8 Aug 2016 13:47

Tgt Ion:107 Resp: 111869
 Ion Ratio Lower Upper
 107 100
 144 23.4 18.9 28.3
 142 72.1 60.4 90.6



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 36.41 ng

RT: 10.62 min Scan# 790

Delta R.T. -0.01 min

Lab File: BF089659.D

Acq: 8 Aug 2016 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

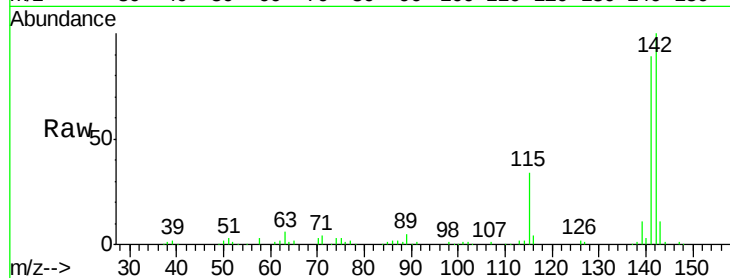
Tgt Ion:142 Resp: 228029

Ion Ratio Lower Upper

142 100

141 88.9 71.8 107.6

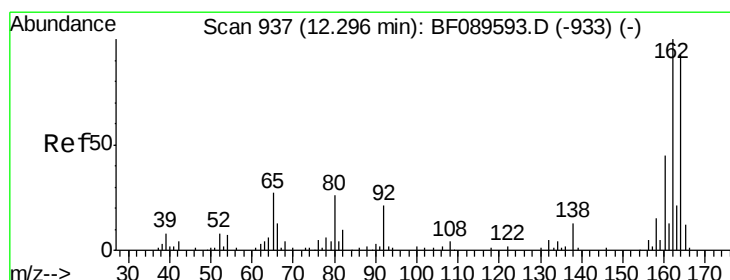
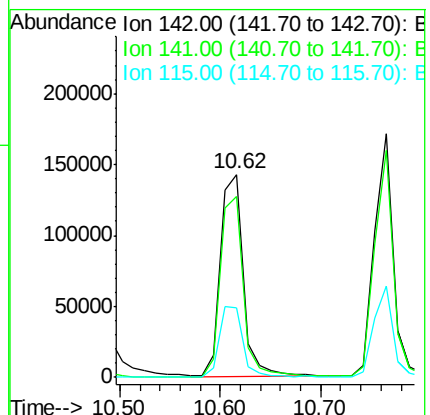
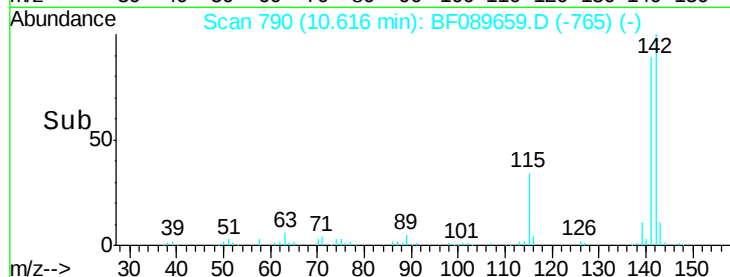
115 34.5 31.0 46.4



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: BF089659.D

Acq: 8 Aug 2016 13:47

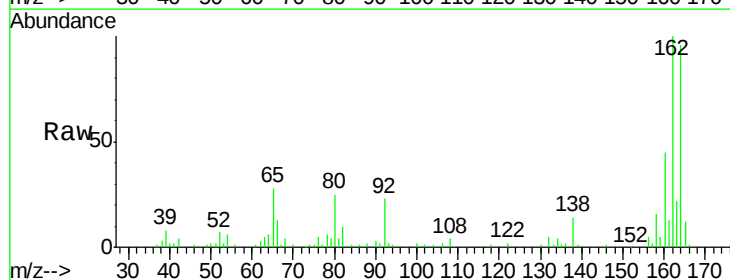
Tgt Ion:164 Resp: 89970

Ion Ratio Lower Upper

164 100

162 103.7 85.7 128.5

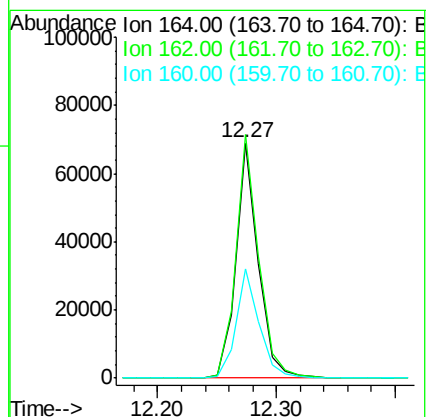
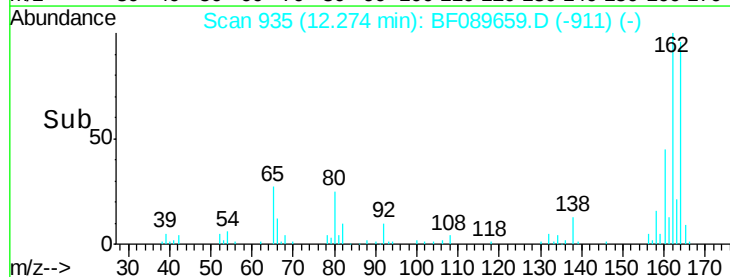
160 46.6 38.2 57.4

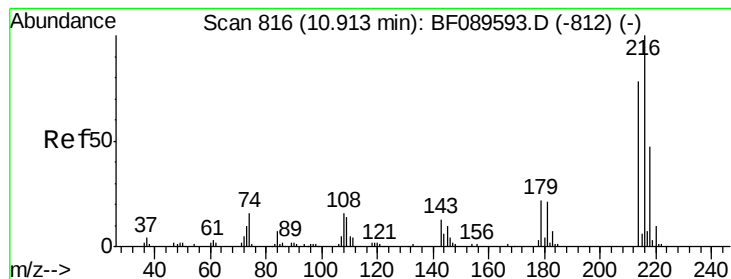


Abundance Ion 164.00 (163.70 to 164.70): E

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: 37.12 ng

RT: 10.89 min Scan# 814

Delta R.T. -0.02 min

Lab File: BF089659.D

Acq: 8 Aug 2016 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:216 Resp: 125509

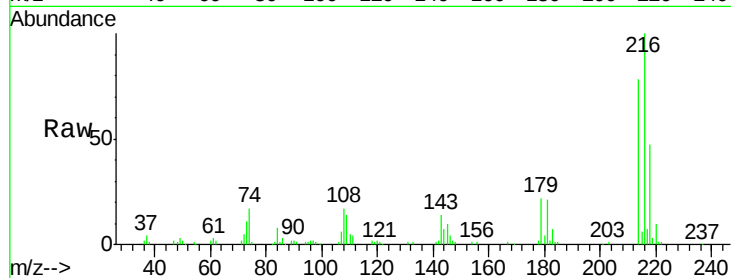
Ion Ratio Lower Upper

216 100

214 78.2 62.6 94.0

179 21.9 17.8 26.8

108 20.0 16.3 24.5

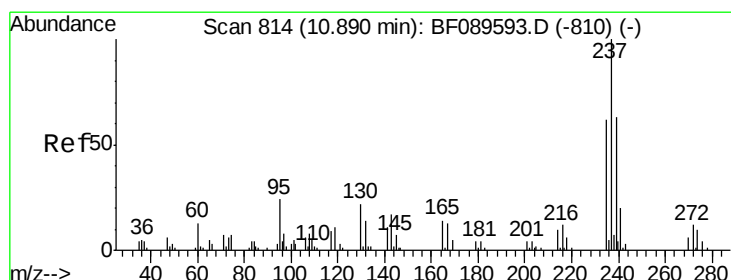
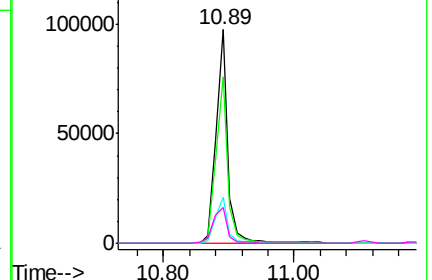
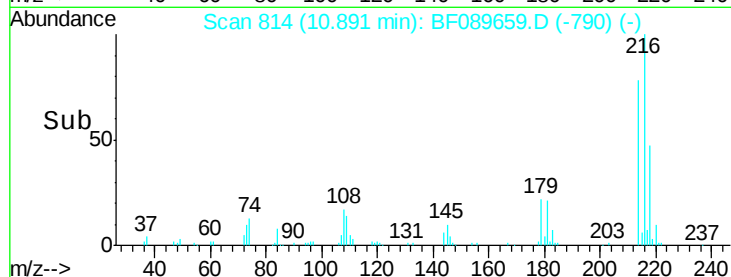


Abundance Ion 216.00 (215.70 to 216.70): E

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: 36.02 ng

RT: 10.87 min Scan# 812

Delta R.T. -0.02 min

Lab File: BF089659.D

Acq: 8 Aug 2016 13:47

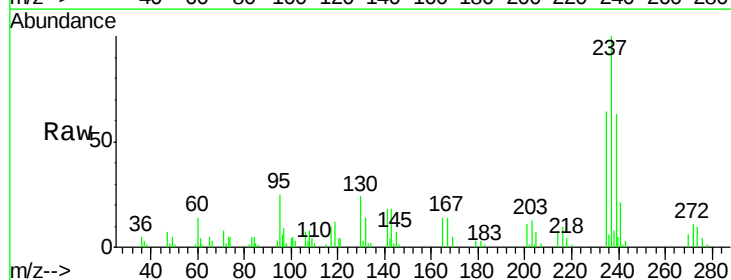
Tgt Ion:237 Resp: 35590

Ion Ratio Lower Upper

237 100

235 63.7 41.9 81.9

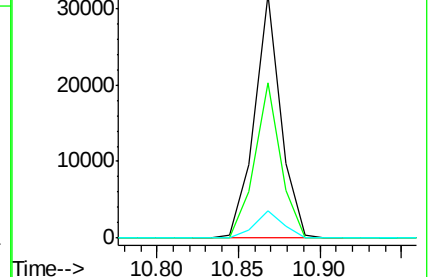
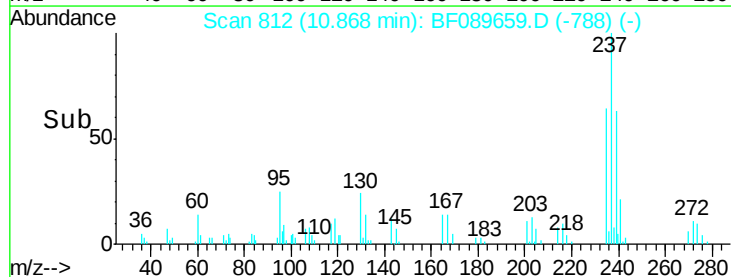
272 11.4 0.0 32.4

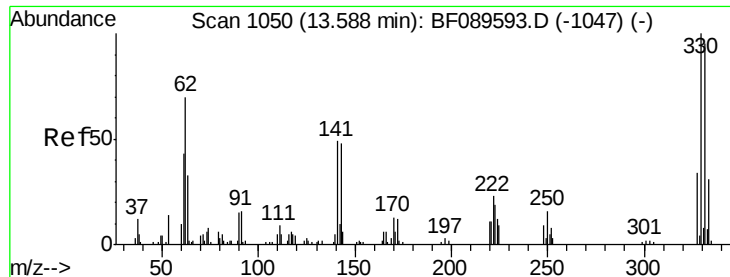


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

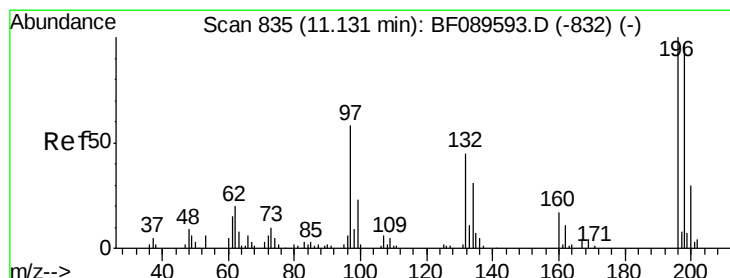
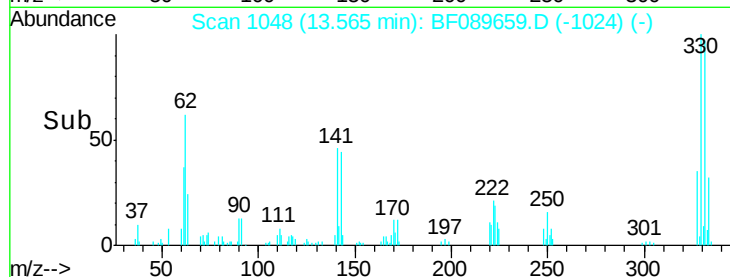
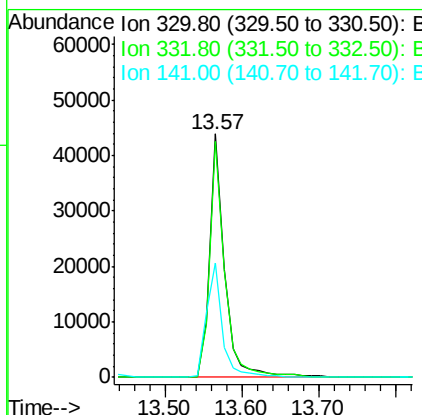
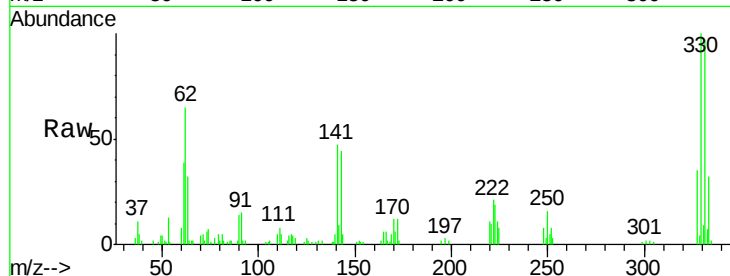




#41
 2,4,6-Tribromophenol
 Concen: 80.15 ng
 RT: 13.57 min Scan# 1048
 Delta R.T. -0.02 min
 Lab File: BF089659.D
 Acq: 8 Aug 2016 13:47

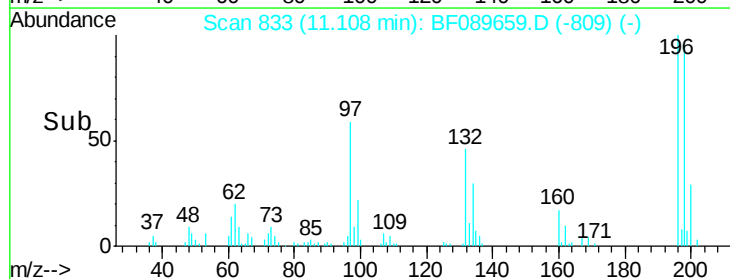
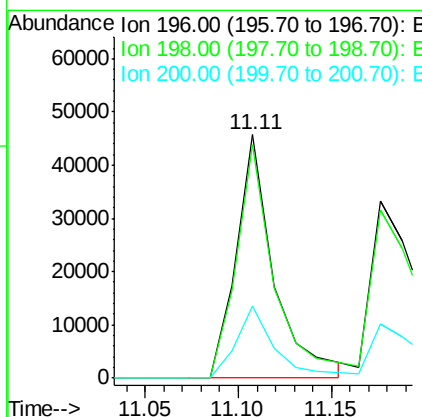
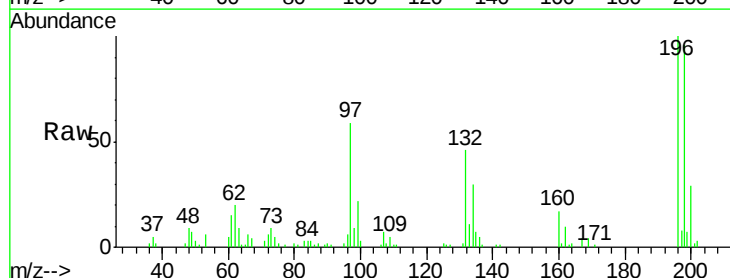
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

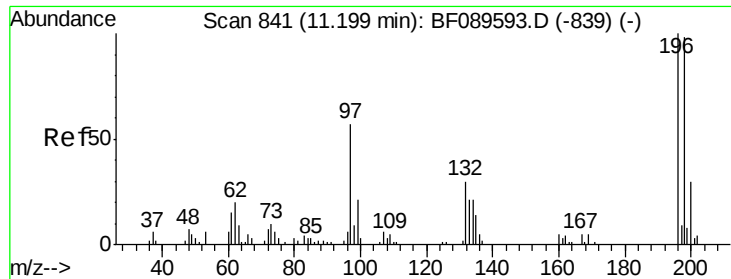
Tgt Ion:330 Resp: 59510
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 49.0 38.6 57.8



#42
 2,4,6-Trichlorophenol
 Concen: 38.55 ng
 RT: 11.11 min Scan# 833
 Delta R.T. -0.02 min
 Lab File: BF089659.D
 Acq: 8 Aug 2016 13:47

Tgt Ion:196 Resp: 64296
 Ion Ratio Lower Upper
 196 100
 198 96.1 77.6 116.4
 200 29.4 23.8 35.8

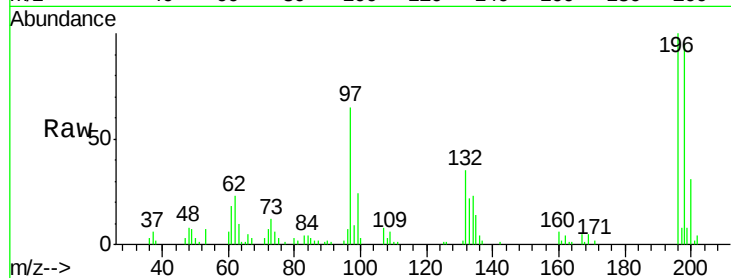




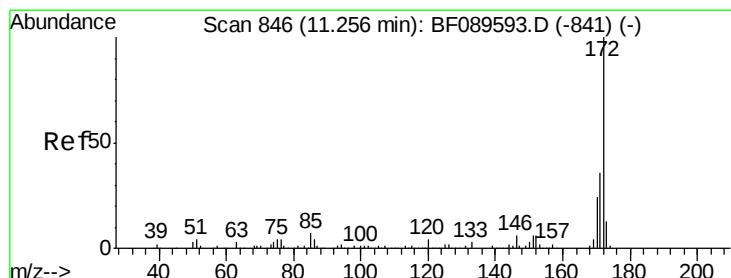
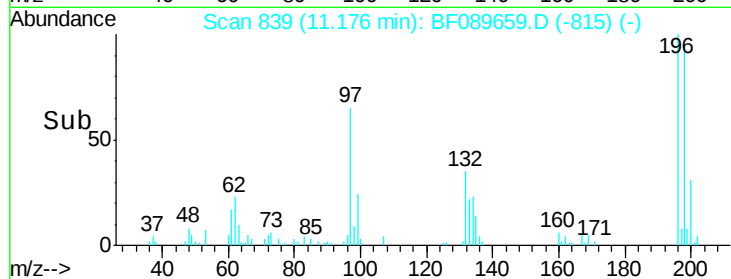
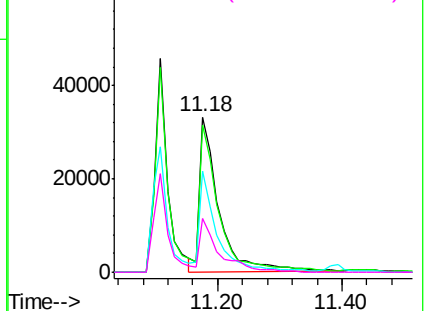
#43
 2,4,5-Trichlorophenol
 Concen: 39.47 ng
 RT: 11.18 min Scan# 839
 Delta R.T. -0.02 min
 Lab File: BF089659.D
 Acq: 8 Aug 2016 13:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:196 Resp: 70361
 Ion Ratio Lower Upper
 196 100
 198 94.9 77.8 116.6
 97 64.7 45.8 68.6
 132 35.0 25.1 37.7

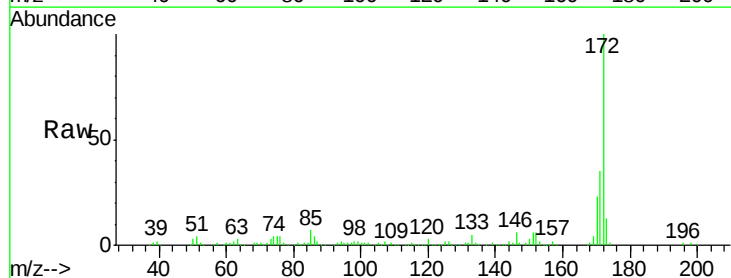


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

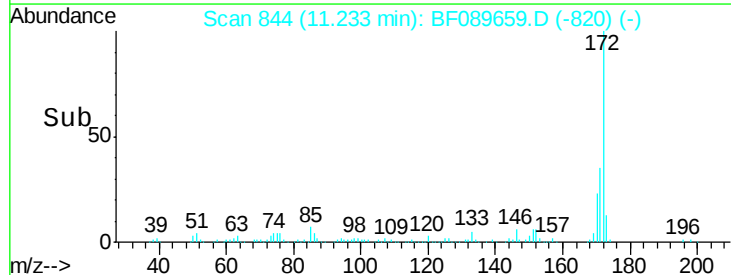
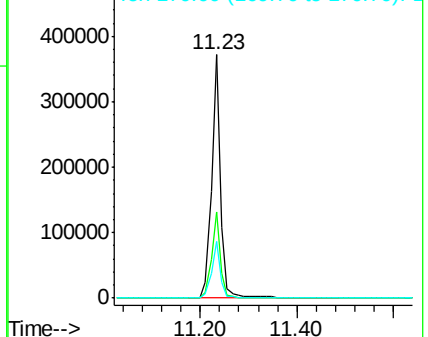


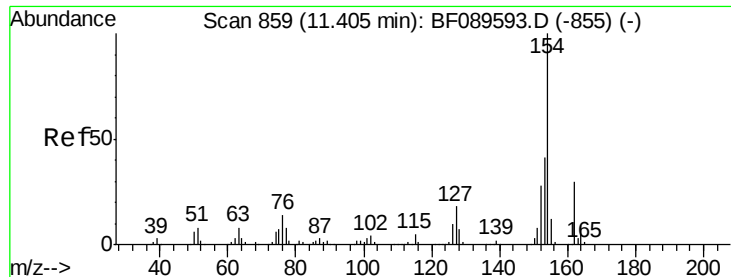
#44
 2-Fluorobiphenyl
 Concen: 71.05 ng
 RT: 11.23 min Scan# 844
 Delta R.T. -0.02 min
 Lab File: BF089659.D
 Acq: 8 Aug 2016 13:47

Tgt Ion:172 Resp: 491886
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.9 43.3
 170 23.4 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

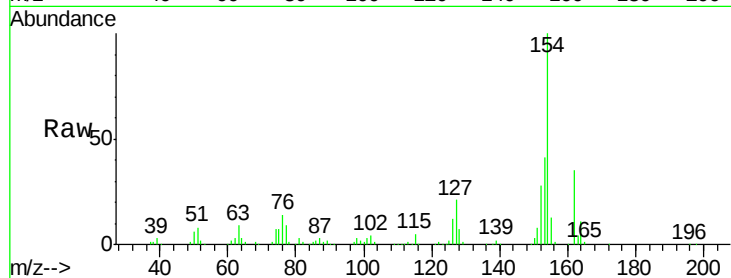




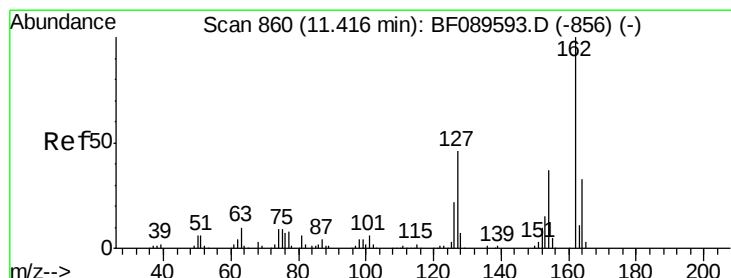
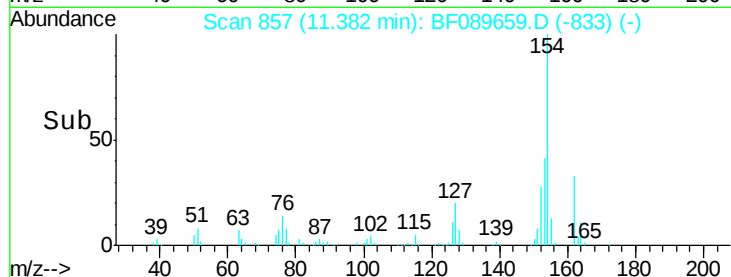
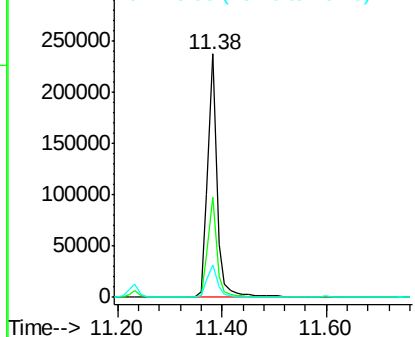
#45
 1,1'-Biphenyl
 Concen: 36.99 ng
 RT: 11.38 min Scan# 857
 Delta R.T. -0.02 min
 Lab File: BF089659.D
 Acq: 8 Aug 2016 13:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:154 Resp: 300088
 Ion Ratio Lower Upper
 154 100
 153 41.2 20.6 60.6
 76 13.6 0.0 33.7

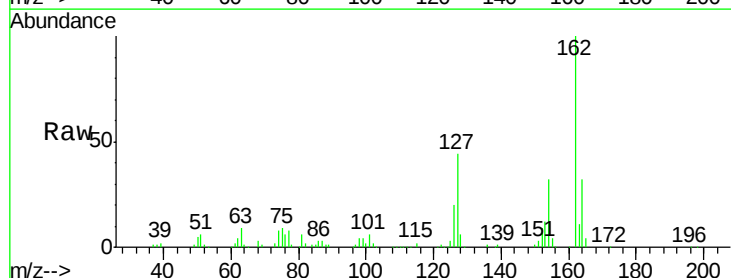


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

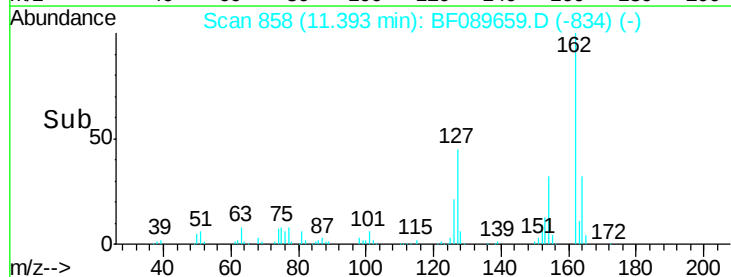
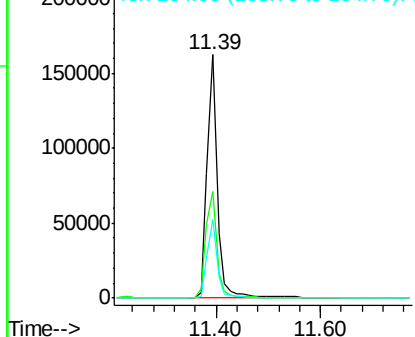


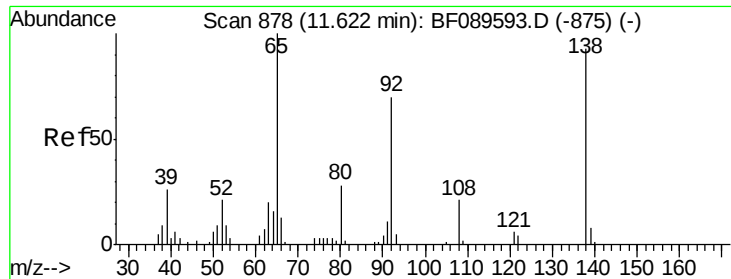
#46
 2-Chloronaphthalene
 Concen: 36.62 ng
 RT: 11.39 min Scan# 858
 Delta R.T. -0.02 min
 Lab File: BF089659.D
 Acq: 8 Aug 2016 13:47

Tgt Ion:162 Resp: 222791
 Ion Ratio Lower Upper
 162 100
 127 44.1 36.6 54.8
 164 32.1 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

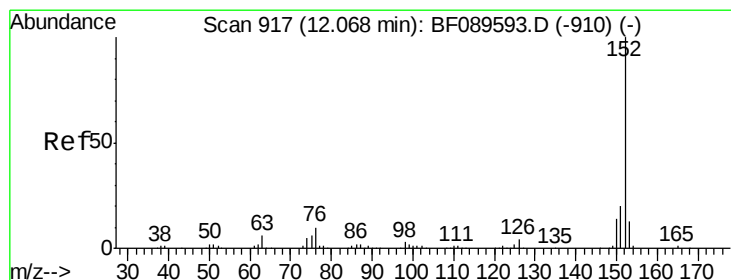
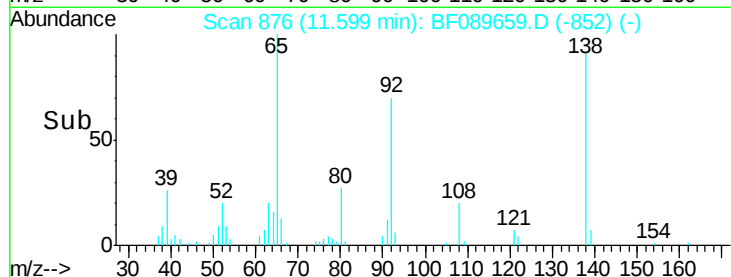
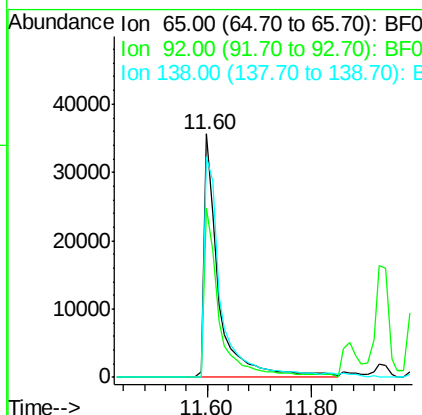
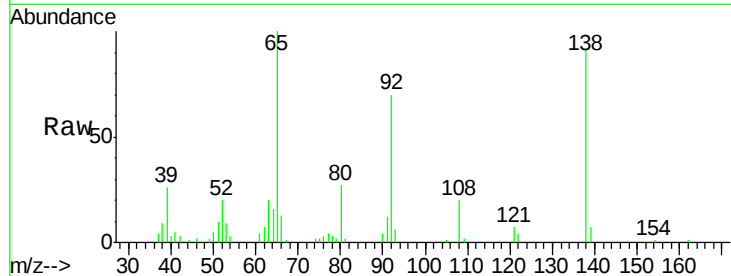




#47
 2-Nitroaniline
 Concen: 35.65 ng
 RT: 11.60 min Scan# 876
 Delta R.T. -0.02 min
 Lab File: BF089659.D
 Acq: 8 Aug 2016 13:47

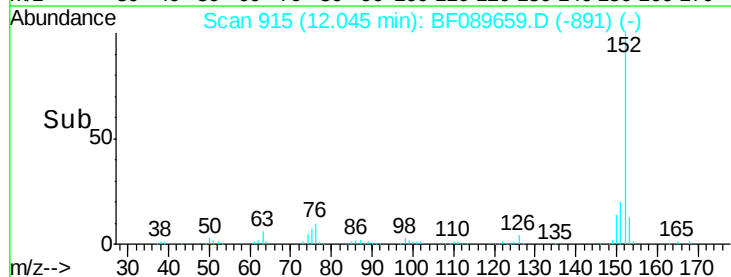
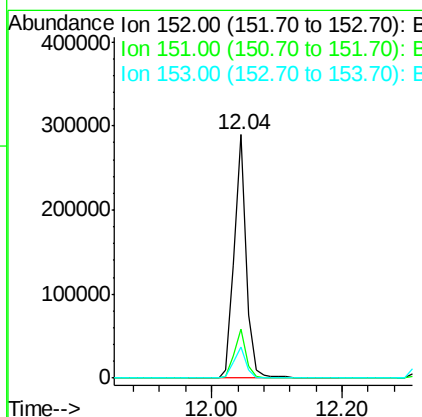
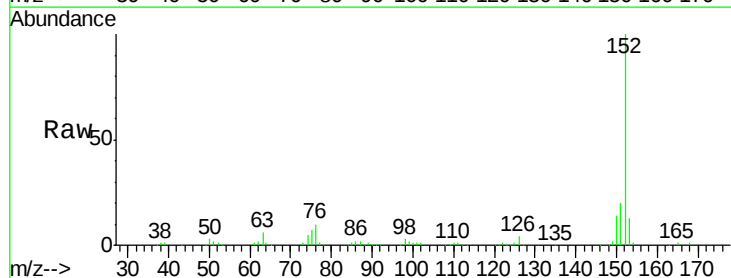
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	65	Resp:	69904
Ion	Ratio	Lower	Upper
65	100		
92	69.8	56.3	84.5
138	90.8	74.3	111.5



#48
 Acenaphthylene
 Concen: 36.57 ng
 RT: 12.04 min Scan# 915
 Delta R.T. -0.02 min
 Lab File: BF089659.D
 Acq: 8 Aug 2016 13:47

Tgt Ion:	152	Resp:	366485
Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4
153	12.9	10.5	15.7

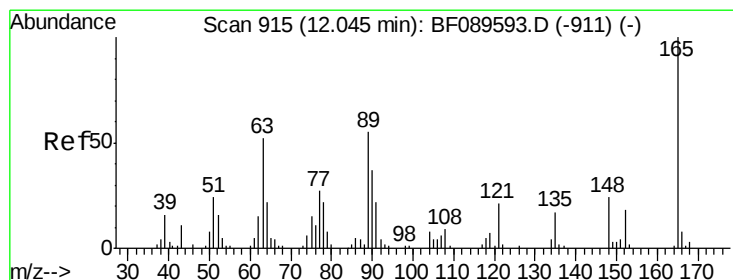
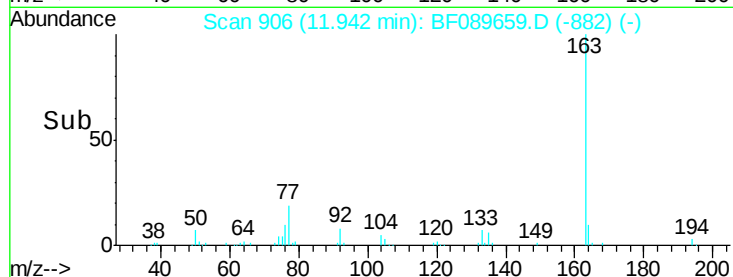
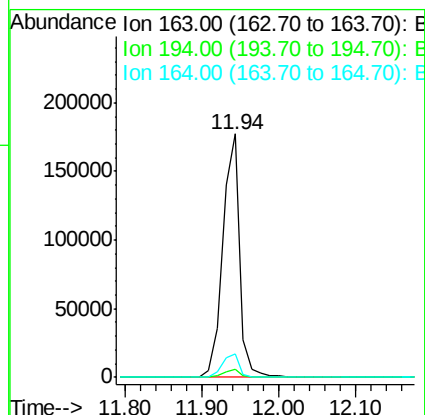
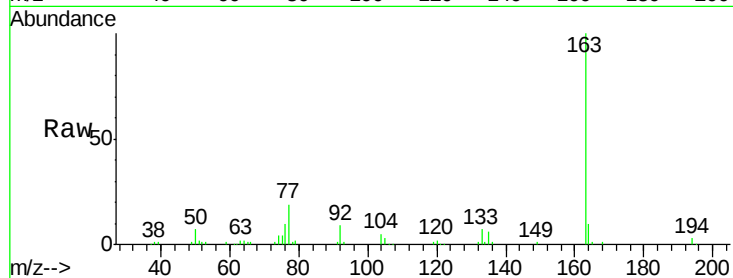




#49
Dimethylphthalate
Concen: 38.86 ng
RT: 11.94 min Scan# 906
Delta R.T. -0.02 min
Lab File: BF089659.D
Acq: 8 Aug 2016 13:47

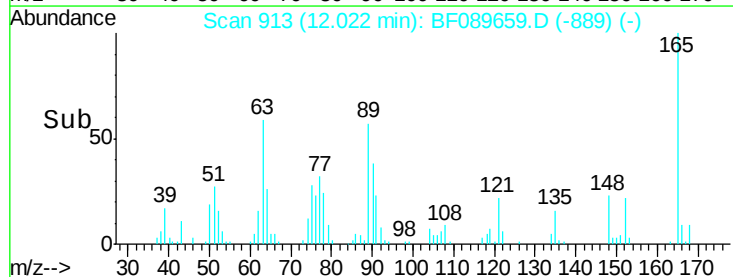
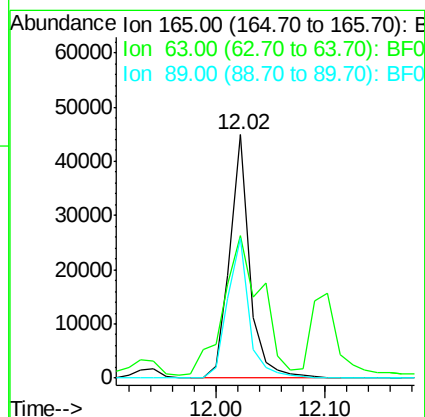
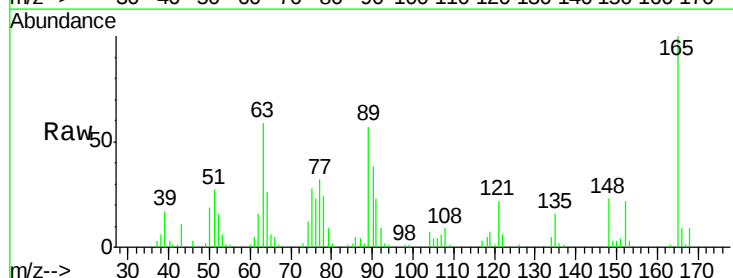
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

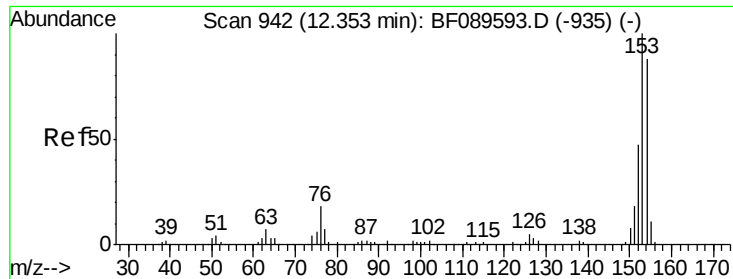
Tgt Ion:163 Resp: 274033
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 9.8 7.8 11.6



#50
2,6-Dinitrotoluene
Concen: 40.68 ng
RT: 12.02 min Scan# 913
Delta R.T. -0.02 min
Lab File: BF089659.D
Acq: 8 Aug 2016 13:47

Tgt Ion:165 Resp: 57040
Ion Ratio Lower Upper
165 100
63 58.7 44.6 67.0
89 57.3 44.2 66.2

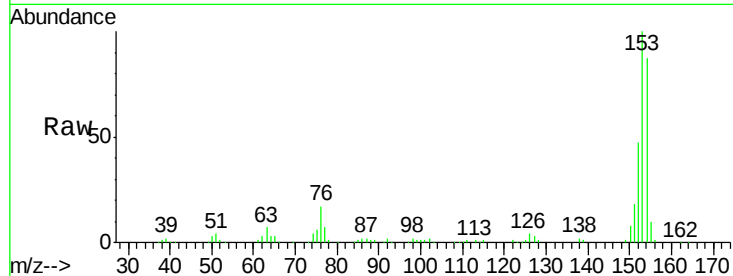




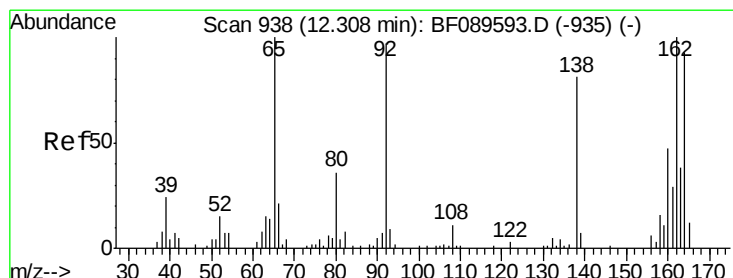
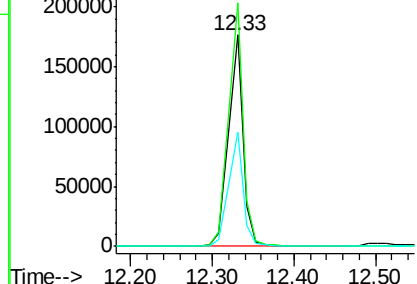
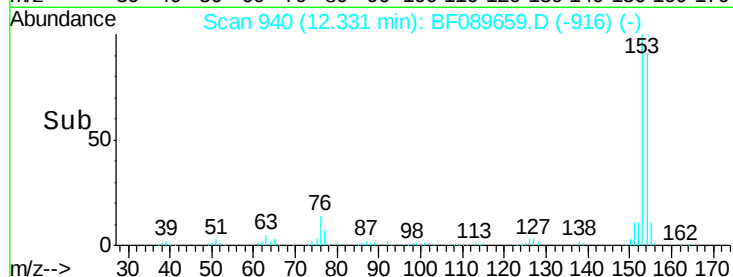
#51
Acenaphthene
Concen: 37.50 ng
RT: 12.33 min Scan# 940
Delta R.T. -0.02 min
Lab File: BF089659.D
Acq: 8 Aug 2016 13:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:154 Resp: 217073
Ion Ratio Lower Upper
154 100
153 115.2 91.1 136.7
152 54.2 43.5 65.3

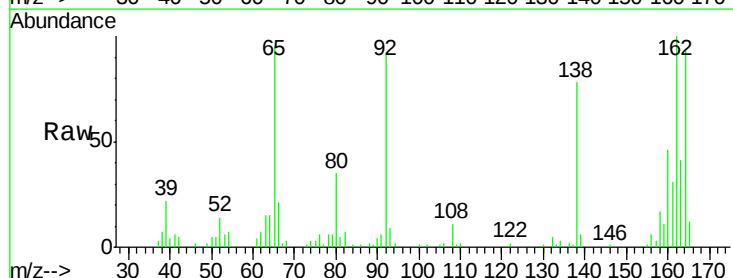


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

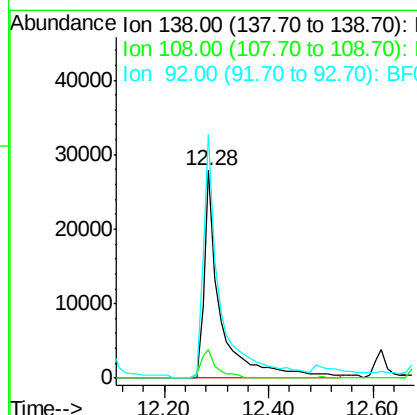
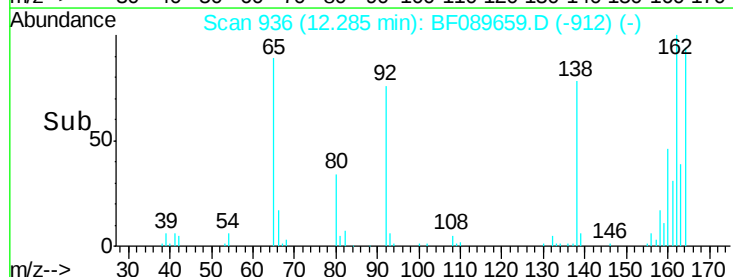


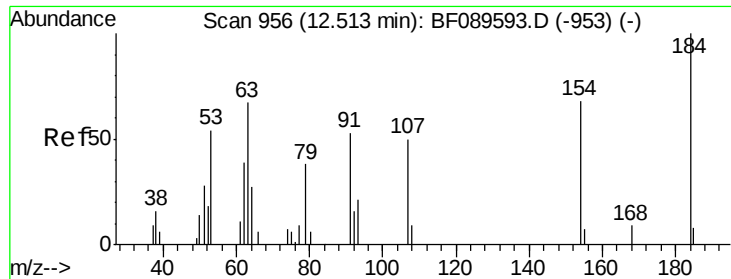
#52
3-Nitroaniline
Concen: 35.86 ng
RT: 12.28 min Scan# 936
Delta R.T. -0.02 min
Lab File: BF089659.D
Acq: 8 Aug 2016 13:47

Tgt Ion:138 Resp: 60140
Ion Ratio Lower Upper
138 100
108 13.9 10.7 16.1
92 117.4 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

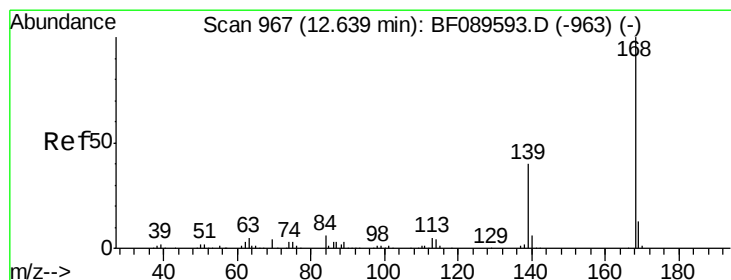
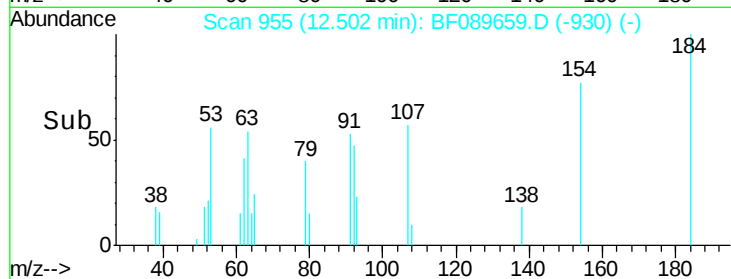
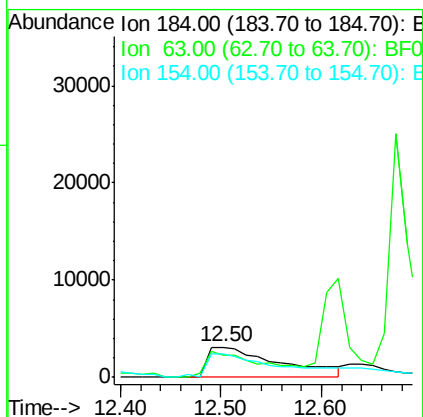
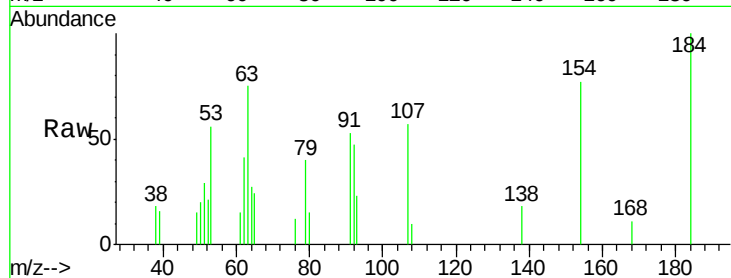




#53
 2,4-Dinitrophenol
 Concen: 34.19 ng
 RT: 12.50 min Scan# 955
 Delta R.T. -0.01 min
 Lab File: BF089659.D
 Acq: 8 Aug 2016 13:47

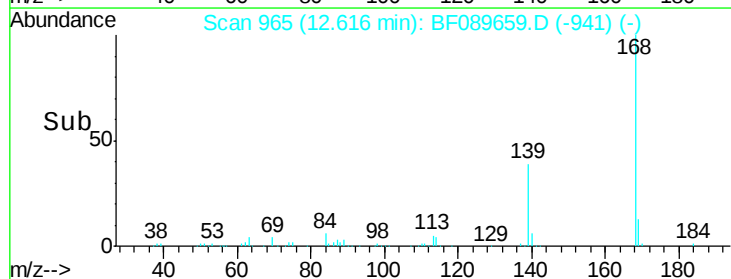
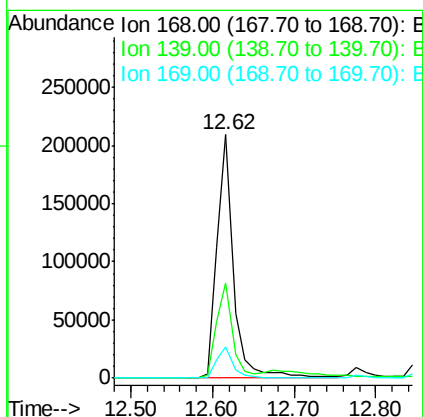
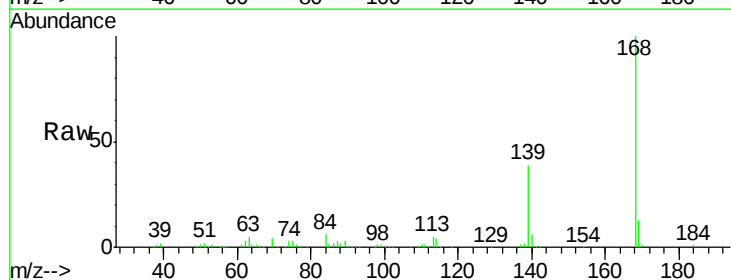
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

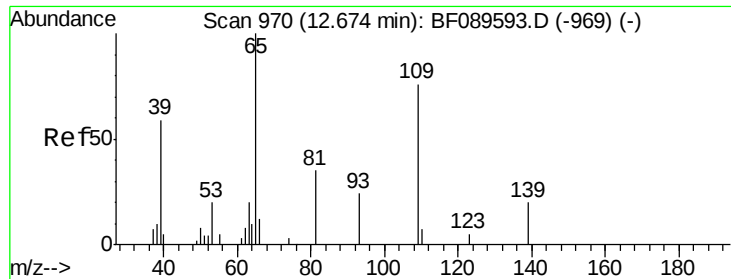
Tgt Ion:184 Resp: 15432
 Ion Ratio Lower Upper
 184 100
 63 75.3 59.0 88.6
 154 76.7 60.0 90.0



#54
 Dibenzofuran
 Concen: 37.12 ng
 RT: 12.62 min Scan# 965
 Delta R.T. -0.02 min
 Lab File: BF089659.D
 Acq: 8 Aug 2016 13:47

Tgt Ion:168 Resp: 295385
 Ion Ratio Lower Upper
 168 100
 139 39.0 32.3 48.5
 169 13.0 10.6 15.8

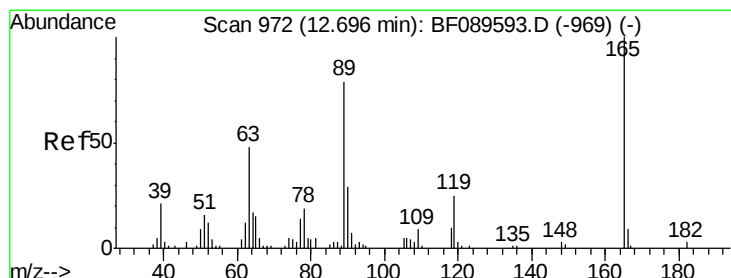
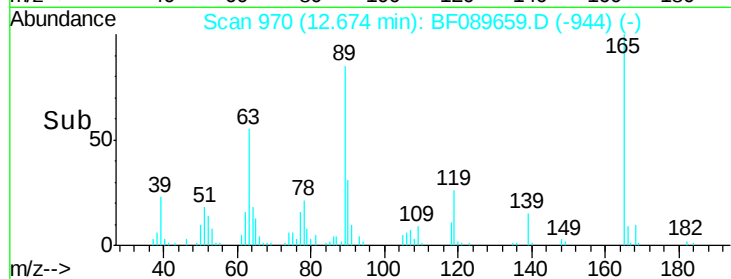
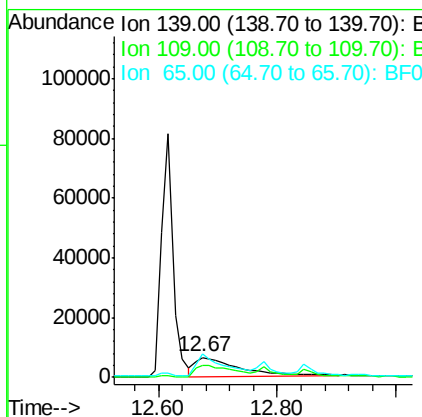
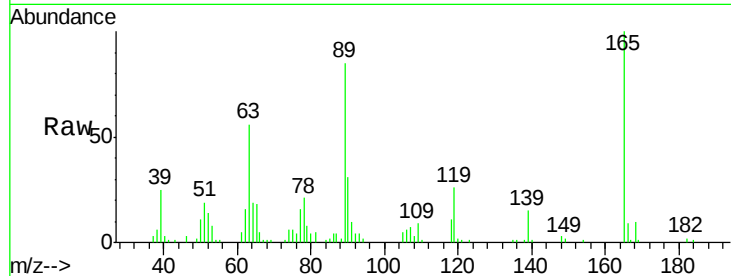




#55
 4-Nitrophenol
 Concen: 32.55 ng
 RT: 12.67 min Scan# 970
 Delta R.T. 0.00 min
 Lab File: BF089659.D
 Acq: 8 Aug 2016 13:47

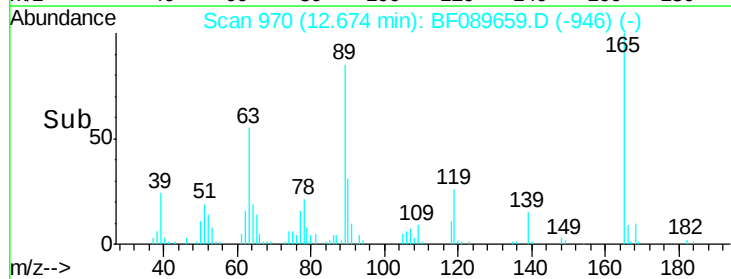
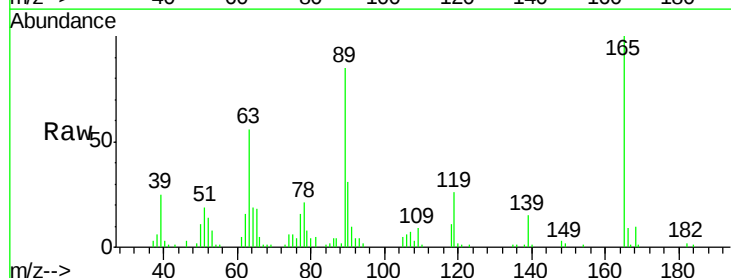
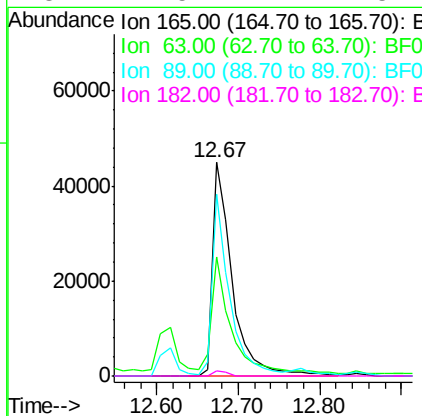
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

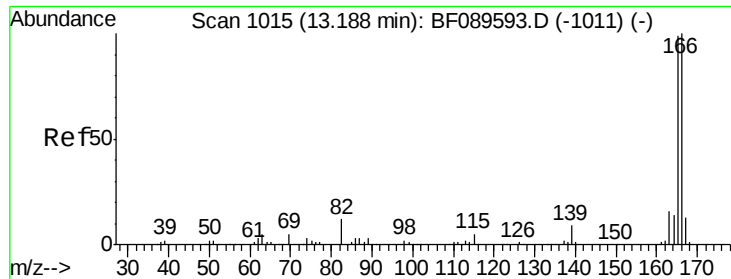
Tgt Ion:139 Resp: 31412
 Ion Ratio Lower Upper
 139 100
 109 62.5 28.9 68.9
 65 121.3 49.2 89.2#



#56
 2,4-Dinitrotoluene
 Concen: 38.52 ng
 RT: 12.67 min Scan# 970
 Delta R.T. -0.02 min
 Lab File: BF089659.D
 Acq: 8 Aug 2016 13:47

Tgt Ion:165 Resp: 75969
 Ion Ratio Lower Upper
 165 100
 63 55.7 42.2 63.4
 89 84.9 64.4 96.6
 182 2.5 2.1 3.1

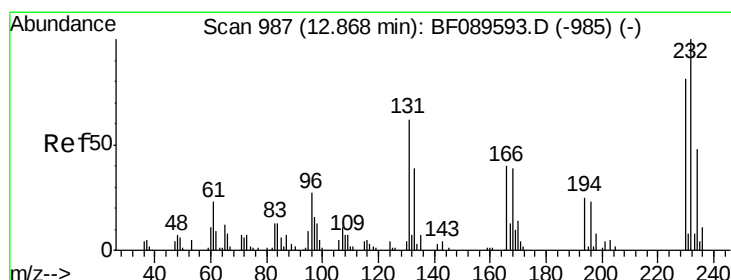
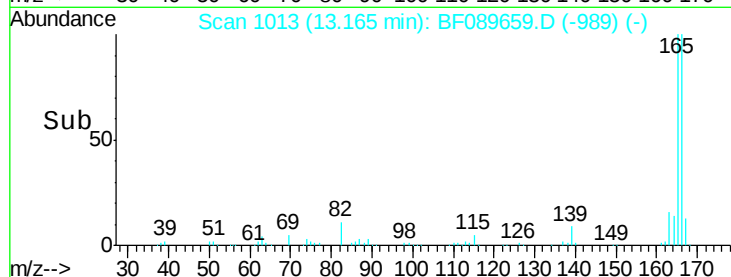
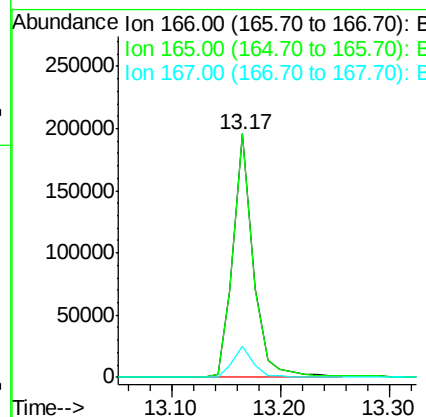
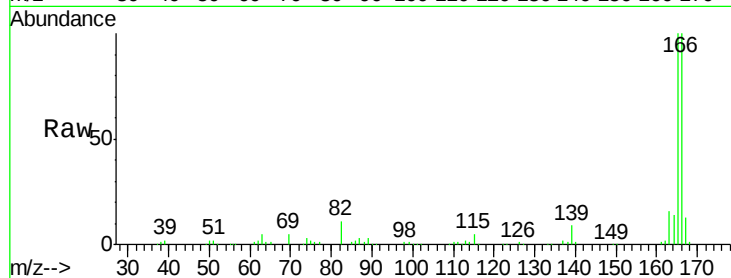




#57
 Fluorene
 Concen: 37.40 ng
 RT: 13.17 min Scan# 1013
 Delta R.T. -0.02 min
 Lab File: BF089659.D
 Acq: 8 Aug 2016 13:47

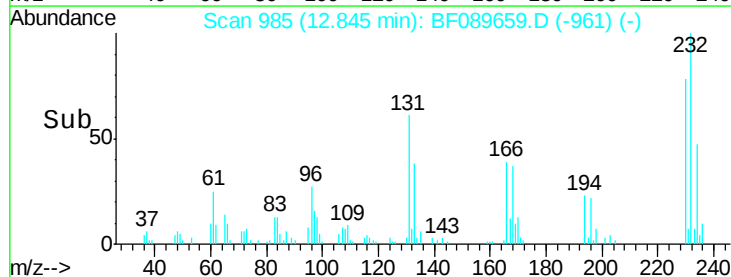
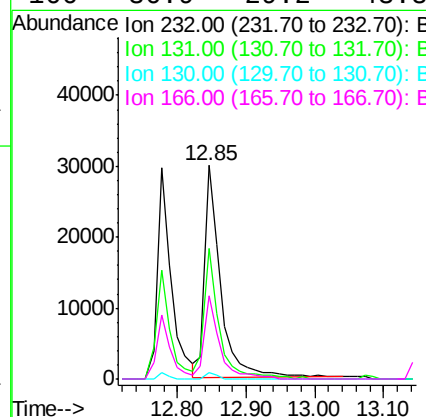
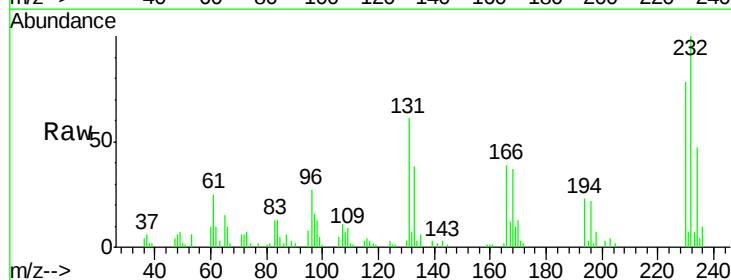
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

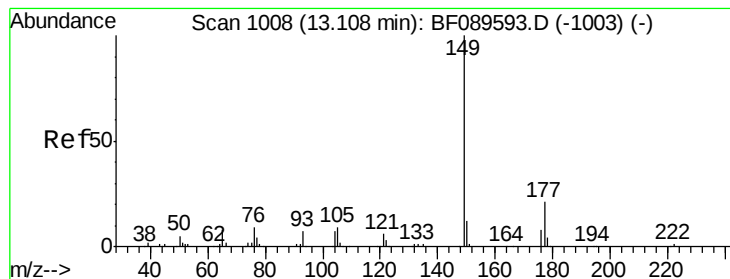
Tgt Ion:166 Resp: 254352
 Ion Ratio Lower Upper
 166 100
 165 100.1 78.9 118.3
 167 13.0 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.78 ng
 RT: 12.85 min Scan# 985
 Delta R.T. -0.02 min
 Lab File: BF089659.D
 Acq: 8 Aug 2016 13:47

Tgt Ion:232 Resp: 48419
 Ion Ratio Lower Upper
 232 100
 131 58.0 46.2 69.2
 130 2.0 1.7 2.5
 166 36.9 29.2 43.8





#59

Diethylphthalate

Concen: 37.96 ng

RT: 13.07 min Scan# 1005

Delta R.T. -0.03 min

Lab File: BF089659.D

Acq: 8 Aug 2016 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

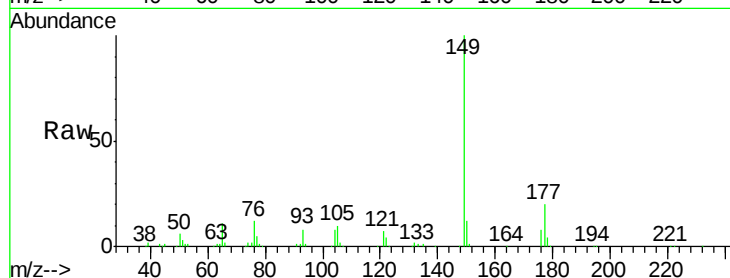
Tgt Ion:149 Resp: 276864

Ion Ratio Lower Upper

149 100

177 19.6 16.8 25.2

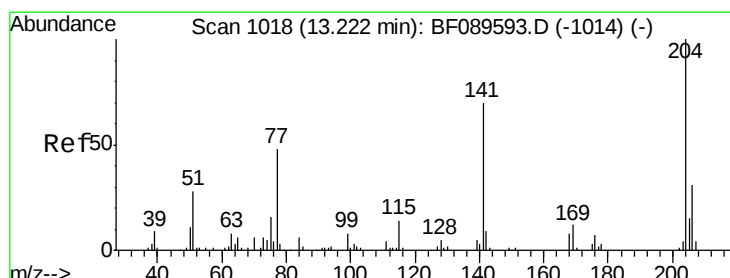
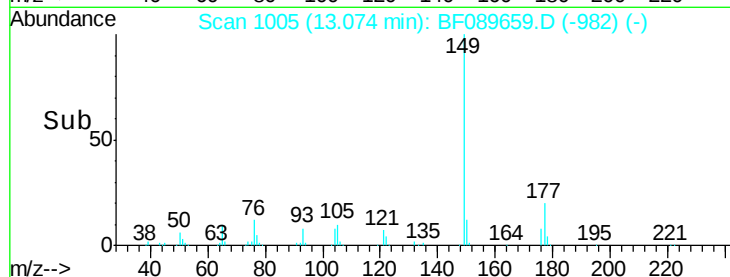
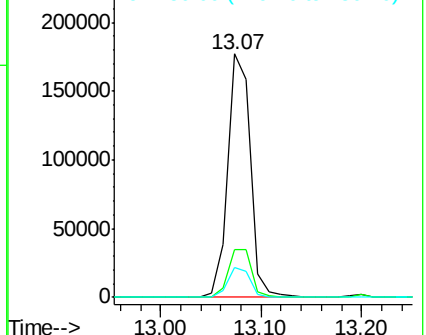
150 12.3 9.6 14.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 37.92 ng

RT: 13.20 min Scan# 1016

Delta R.T. -0.02 min

Lab File: BF089659.D

Acq: 8 Aug 2016 13:47

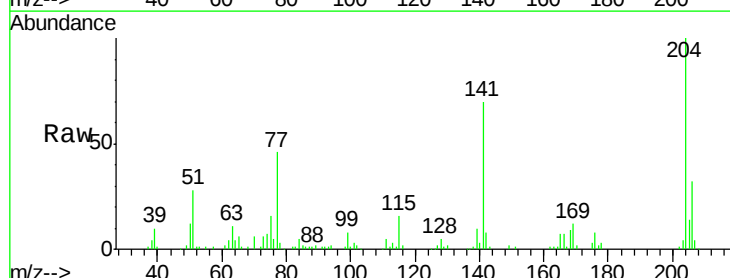
Tgt Ion:204 Resp: 118246

Ion Ratio Lower Upper

204 100

206 31.8 25.0 37.4

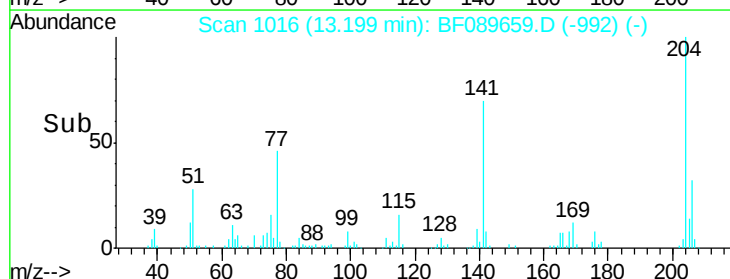
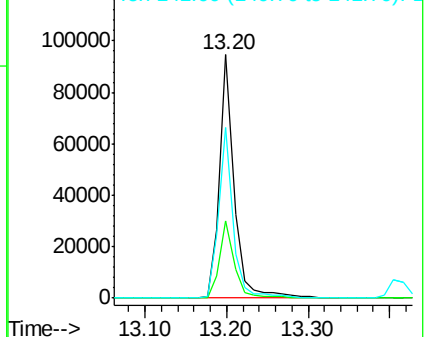
141 70.1 56.2 84.4

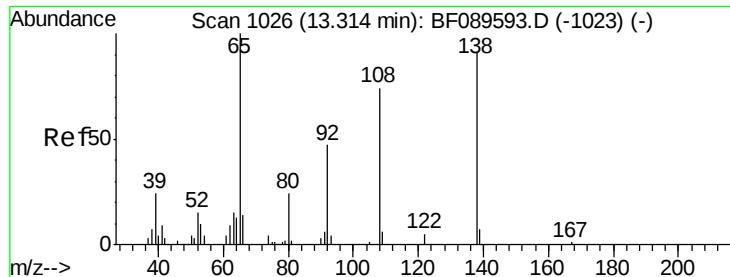


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 37.04 ng

RT: 13.28 min Scan# 1023

Delta R.T. -0.03 min

Lab File: BF089659.D

Acq: 8 Aug 2016 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

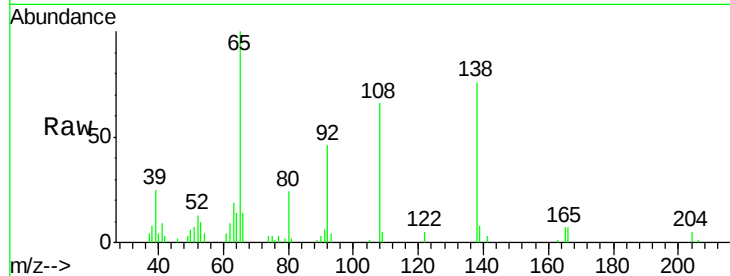
Tgt Ion:138 Resp: 55852

Ion Ratio Lower Upper

138 100

92 60.5 31.6 71.6

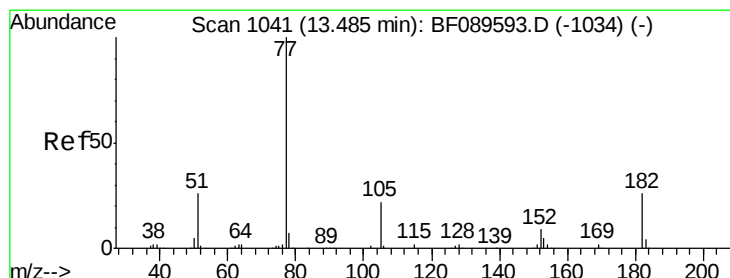
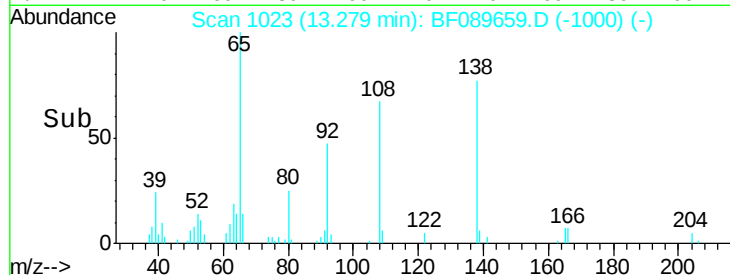
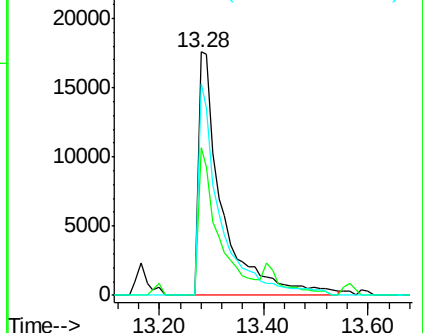
108 86.8 61.5 101.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 37.91 ng

RT: 13.45 min Scan# 1038

Delta R.T. -0.03 min

Lab File: BF089659.D

Acq: 8 Aug 2016 13:47

Tgt Ion: 77 Resp: 267395

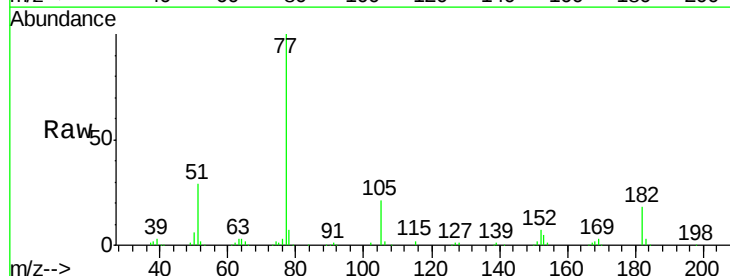
Ion Ratio Lower Upper

77 100

182 17.8 5.8 45.8

105 21.1 2.9 42.9

51 29.2 7.2 47.2

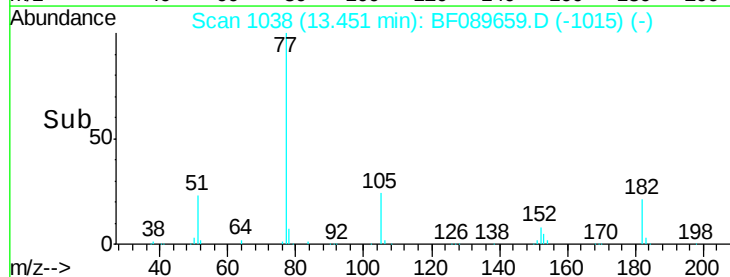
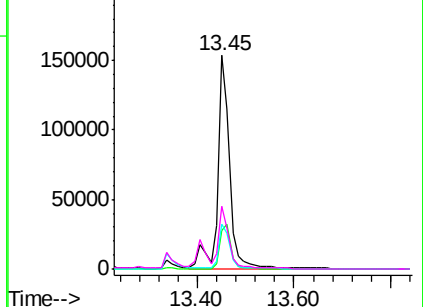


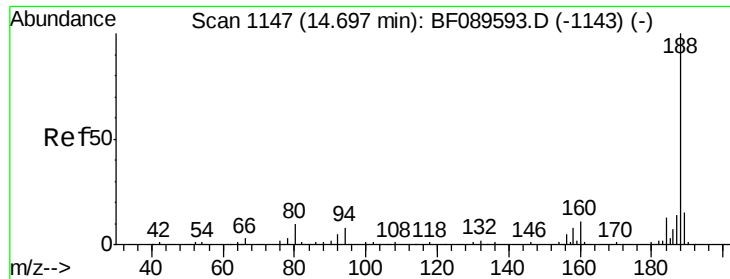
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

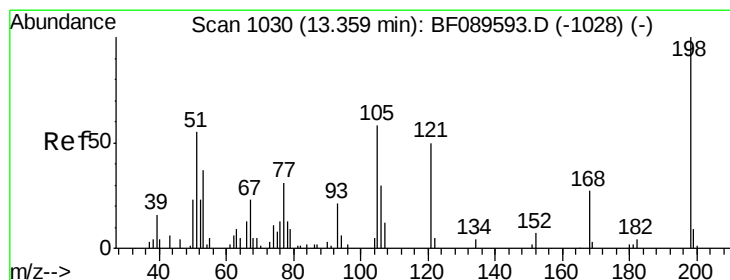
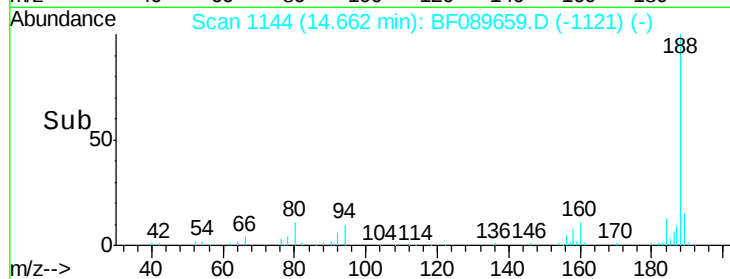
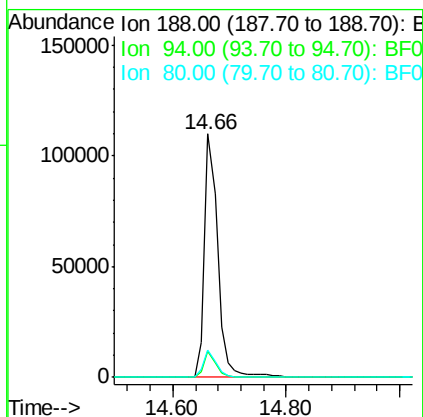
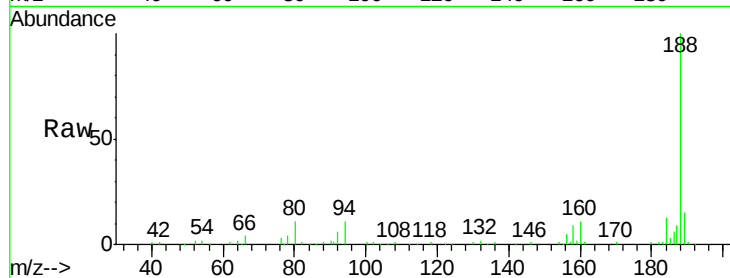




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.66 min Scan# 1144
Delta R.T. -0.03 min
Lab File: BF089659.D
Acq: 8 Aug 2016 13:47

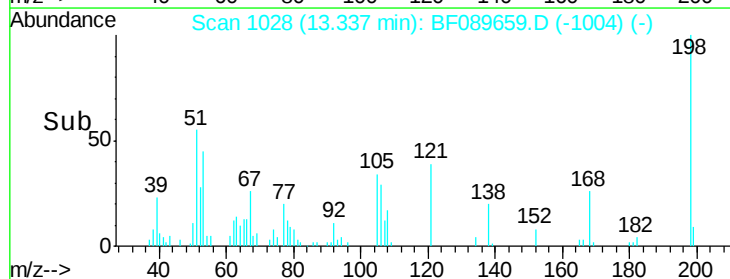
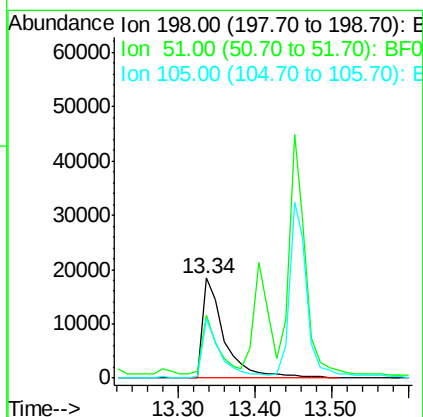
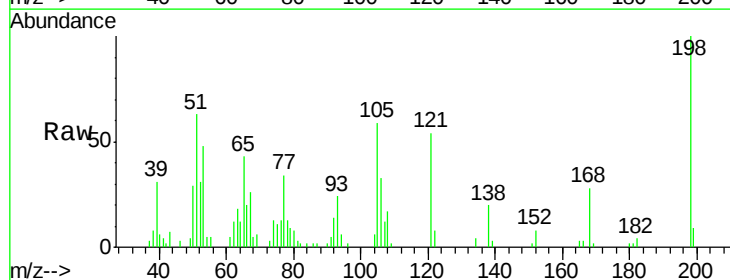
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

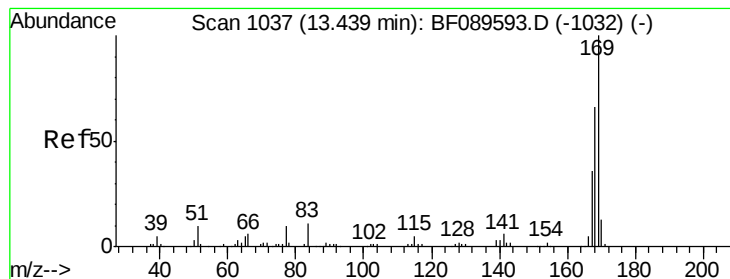
Tgt Ion:188 Resp: 173397
Ion Ratio Lower Upper
188 100
94 10.6 6.5 9.7#
80 11.4 8.0 12.0



#64
4,6-Dinitro-2-methylphenol
Concen: 35.62 ng
RT: 13.34 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BF089659.D
Acq: 8 Aug 2016 13:47

Tgt Ion:198 Resp: 36146
Ion Ratio Lower Upper
198 100
51 63.5 38.9 78.9
105 59.0 38.1 78.1





#65

n-Nitrosodiphenylamine

Concen: 35.94 ng

RT: 13.41 min Scan# 1034

Delta R.T. -0.03 min

Lab File: BF089659.D

Acq: 8 Aug 2016 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

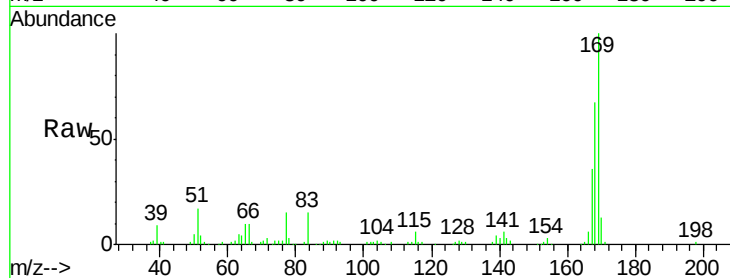
Tgt Ion:169 Resp: 210486

Ion Ratio Lower Upper

169 100

168 67.5 54.2 81.2

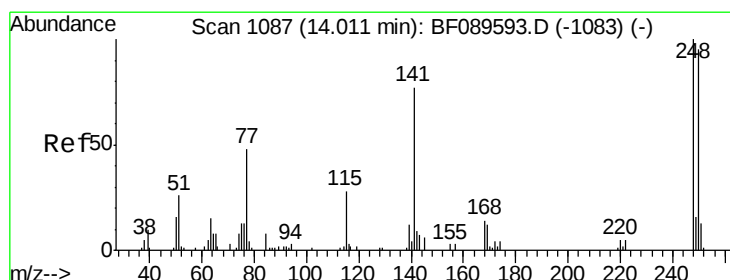
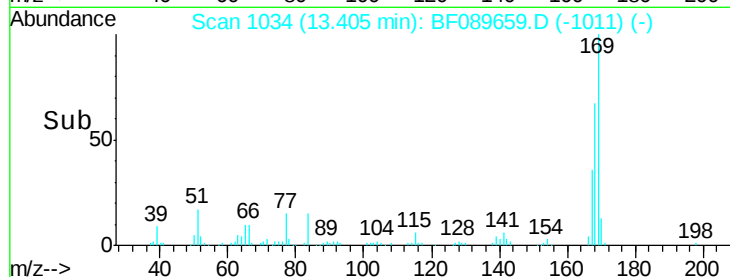
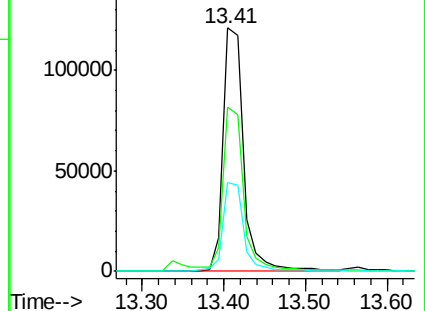
167 36.3 28.9 43.3



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: 38.14 ng

RT: 13.98 min Scan# 1084

Delta R.T. -0.03 min

Lab File: BF089659.D

Acq: 8 Aug 2016 13:47

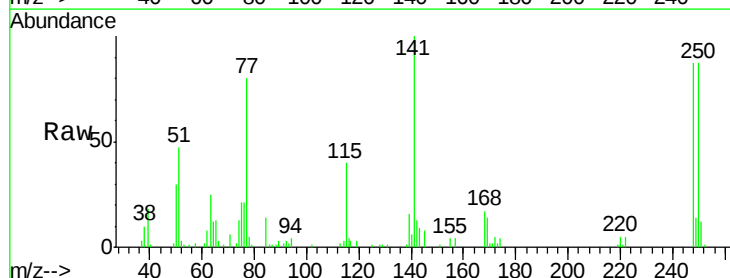
Tgt Ion:248 Resp: 63959

Ion Ratio Lower Upper

248 100

250 99.5 76.2 114.2

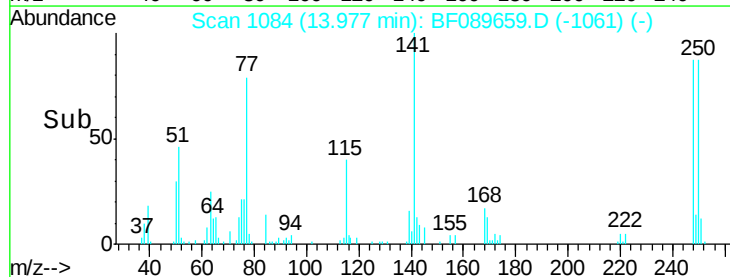
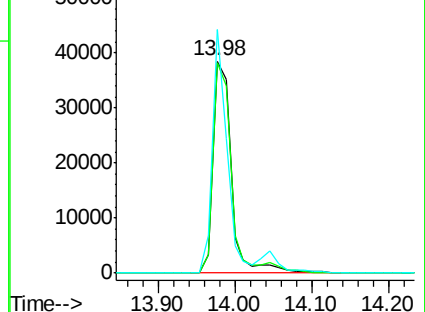
141 114.9 61.3 91.9#

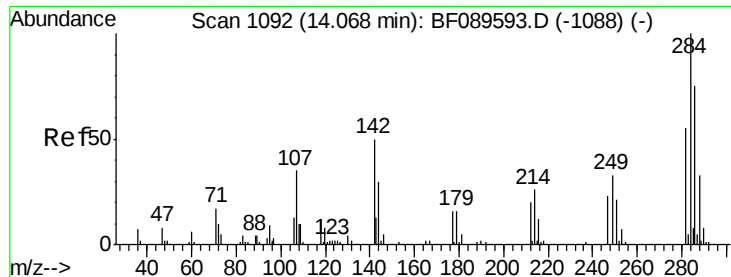


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

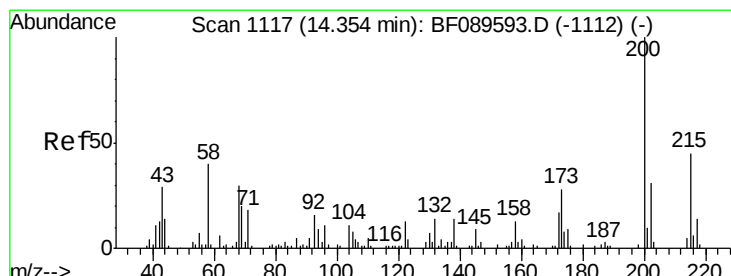
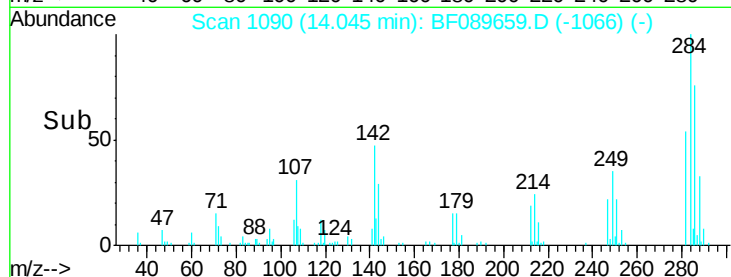
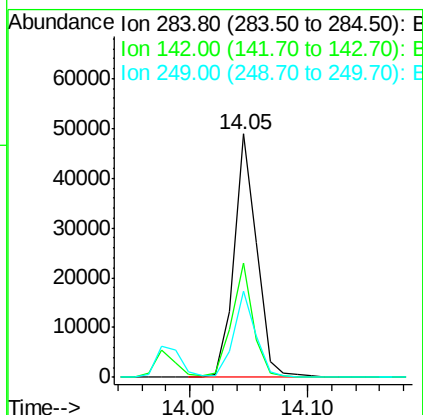
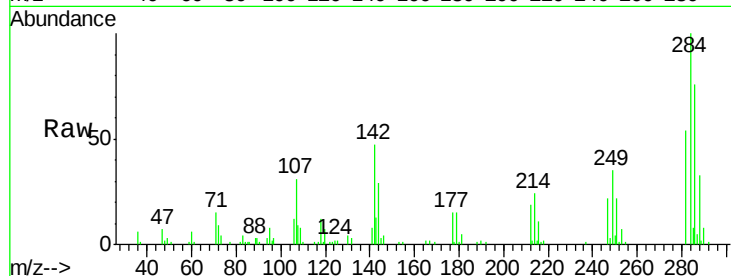




#67
Hexachlorobenzene
Concen: 35.10 ng
RT: 14.05 min Scan# 1090
Delta R.T. -0.02 min
Lab File: BF089659.D
Acq: 8 Aug 2016 13:47

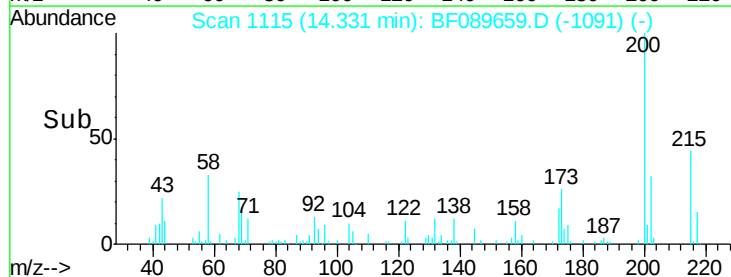
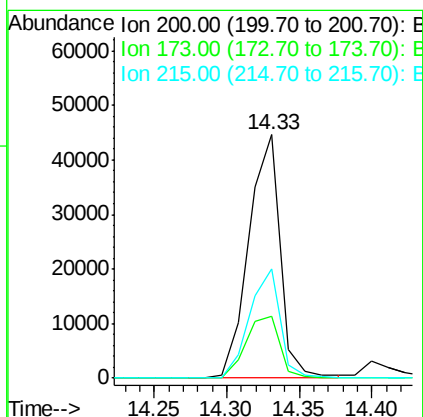
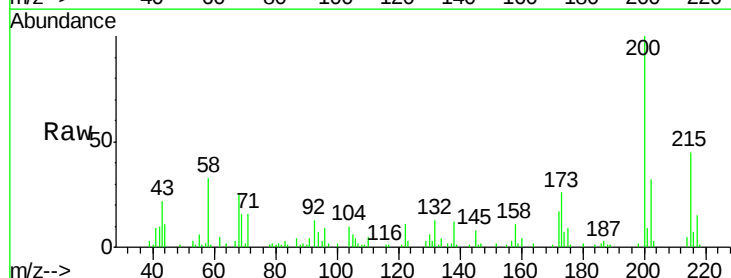
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

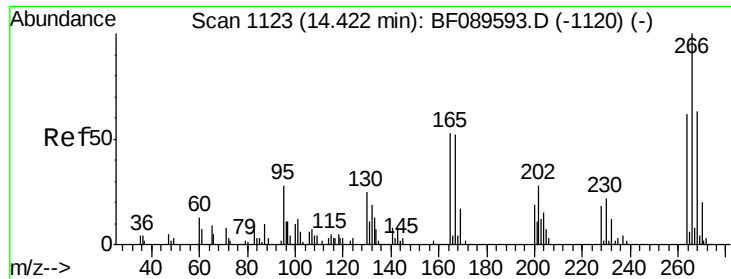
Tgt Ion: 284 Resp: 64750
Ion Ratio Lower Upper
284 100
142 46.8 41.4 62.0
249 35.2 28.6 43.0



#68
Atrazine
Concen: 41.10 ng
RT: 14.33 min Scan# 1115
Delta R.T. -0.02 min
Lab File: BF089659.D
Acq: 8 Aug 2016 13:47

Tgt Ion: 200 Resp: 67203
Ion Ratio Lower Upper
200 100
173 25.5 8.2 48.2
215 44.7 24.9 64.9

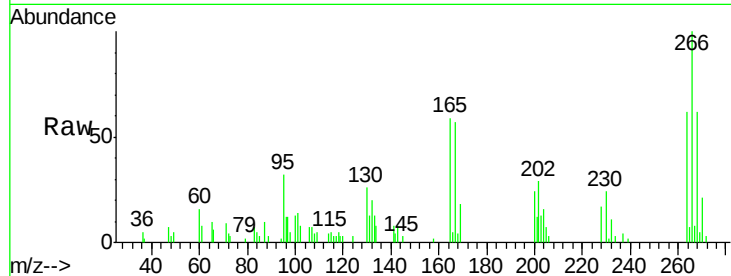




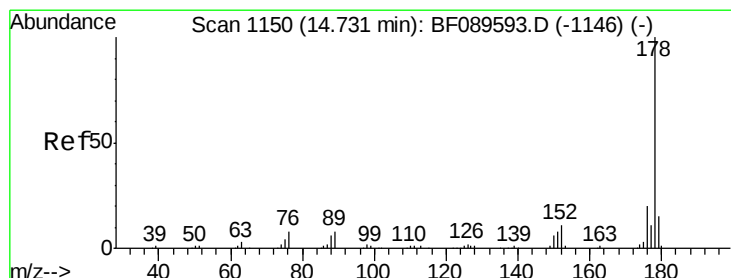
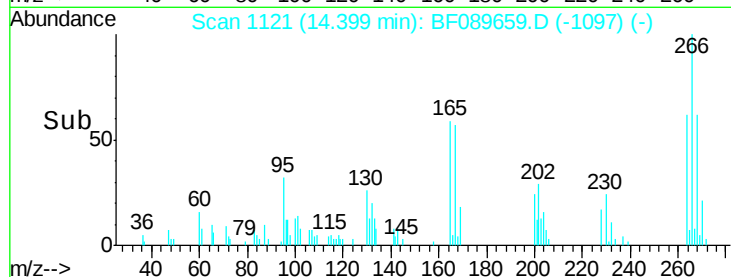
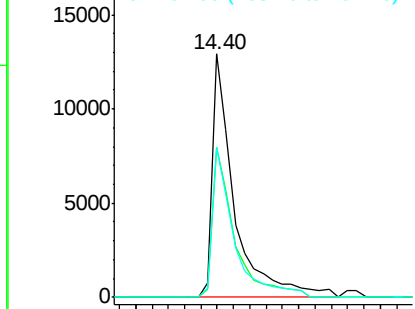
#69
 Pentachlorophenol
 Concen: 33.44 ng
 RT: 14.40 min Scan# 1121
 Delta R.T. -0.02 min
 Lab File: BF089659.D
 Acq: 8 Aug 2016 13:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 266 Resp: 24411
 Ion Ratio Lower Upper
 266 100
 268 61.6 50.6 75.8
 264 61.7 49.5 74.3

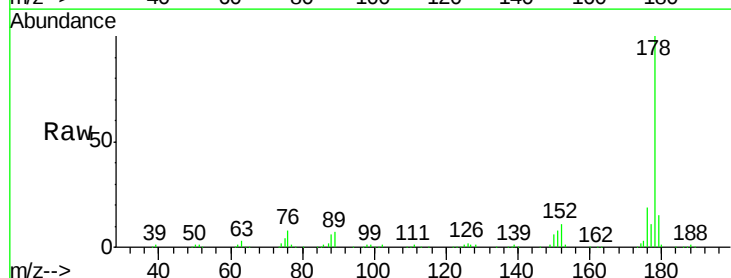


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

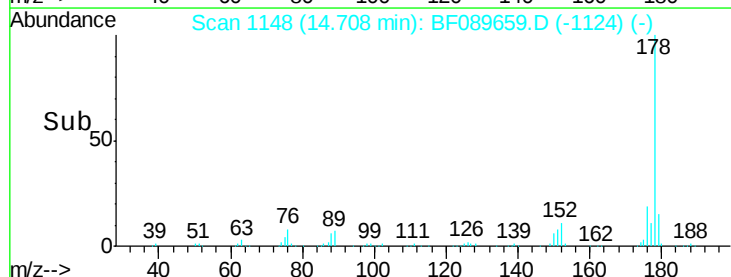
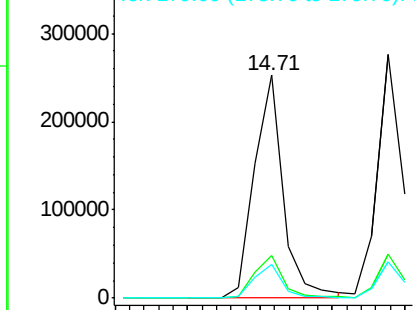


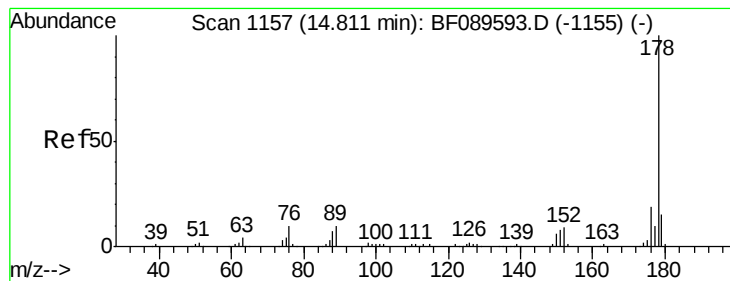
#70
 Phenanthrene
 Concen: 37.05 ng
 RT: 14.71 min Scan# 1148
 Delta R.T. -0.02 min
 Lab File: BF089659.D
 Acq: 8 Aug 2016 13:47

Tgt Ion: 178 Resp: 349322
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.7 23.5
 179 15.0 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: 37.05 ng

RT: 14.79 min Scan# 1155

Delta R.T. -0.02 min

Lab File: BF089659.D

Acq: 8 Aug 2016 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

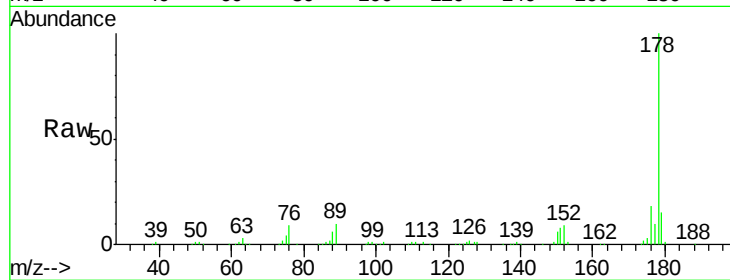
Tgt Ion:178 Resp: 374510

Ion Ratio Lower Upper

178 100

176 18.3 15.0 22.4

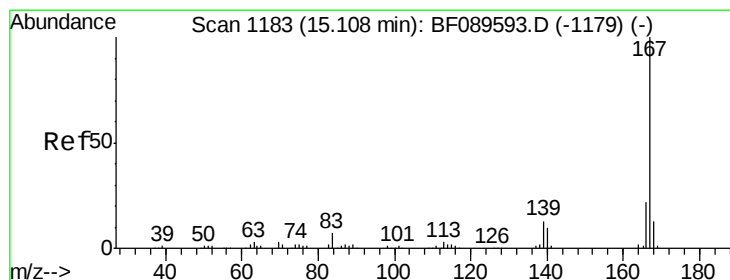
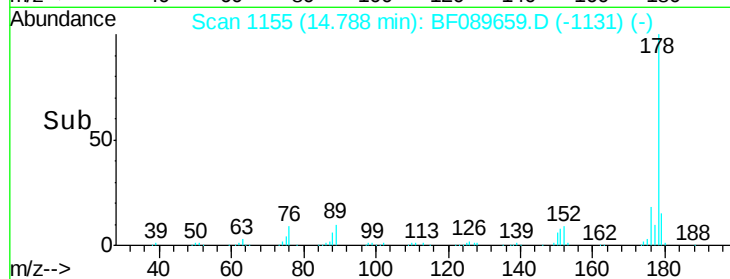
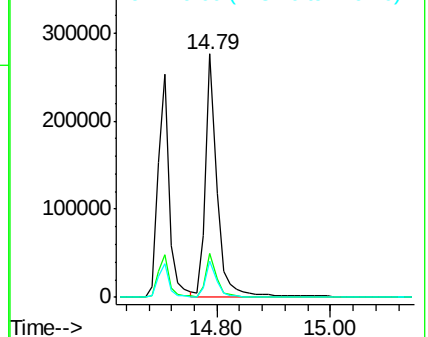
179 14.8 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 37.94 ng

RT: 15.09 min Scan# 1181

Delta R.T. -0.02 min

Lab File: BF089659.D

Acq: 8 Aug 2016 13:47

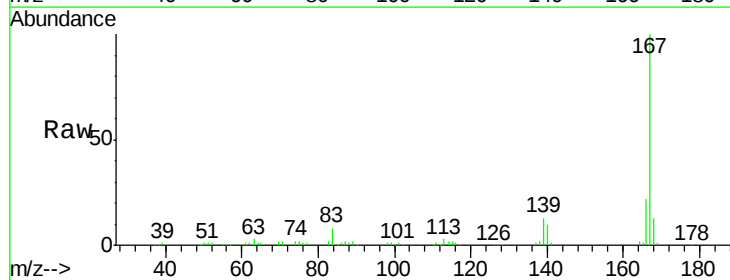
Tgt Ion:167 Resp: 319628

Ion Ratio Lower Upper

167 100

166 22.2 17.5 26.3

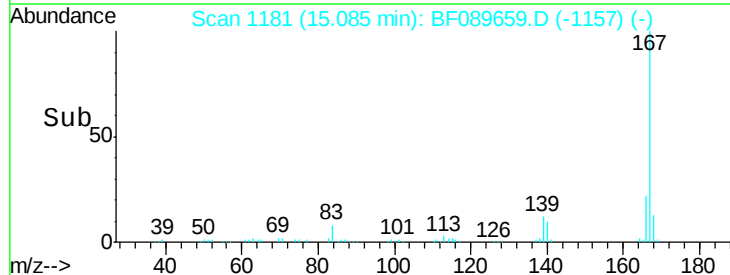
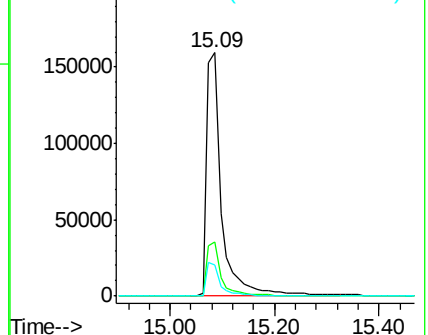
139 12.6 10.4 15.6

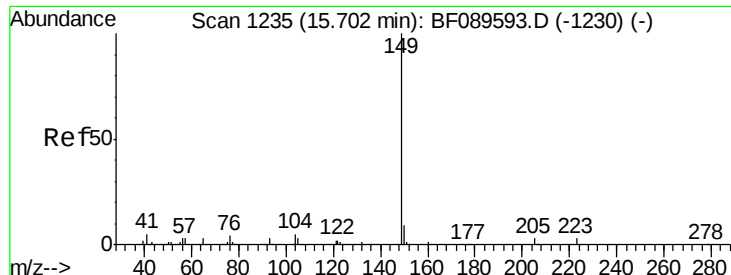


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

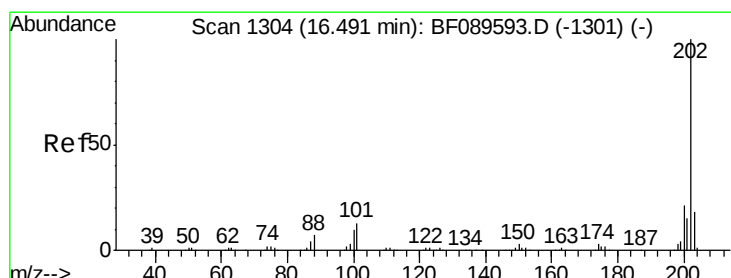
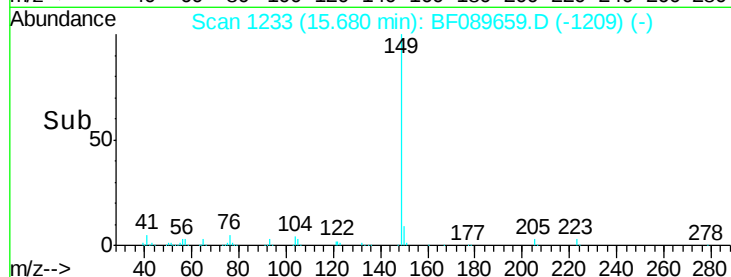
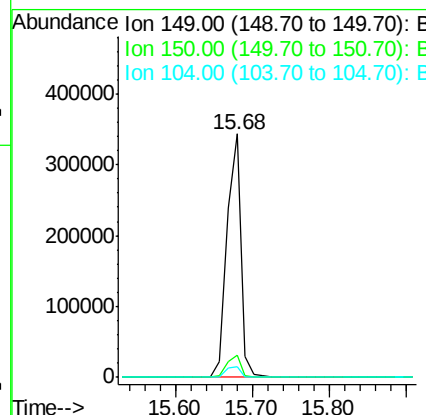
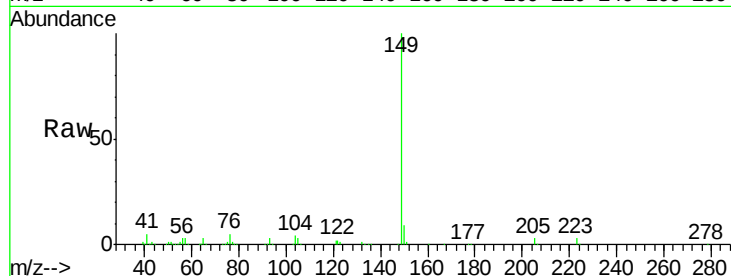




#73
Di-n-butylphthalate
Concen: 38.72 ng
RT: 15.68 min Scan# 1233
Delta R.T. -0.02 min
Lab File: BF089659.D
Acq: 8 Aug 2016 13:47

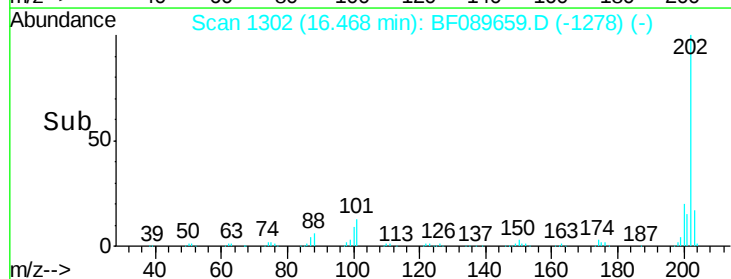
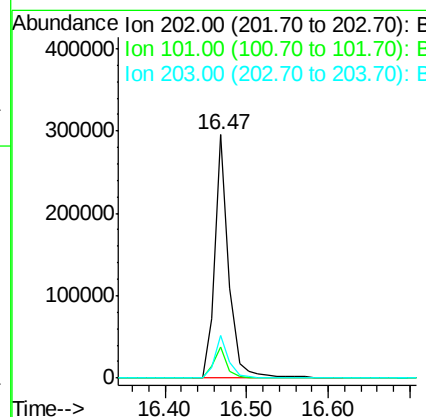
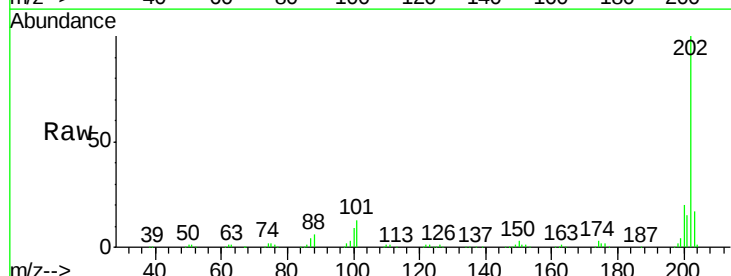
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 441214
Ion Ratio Lower Upper
149 100
150 8.9 7.2 10.8
104 4.5 3.8 5.8



#74
Fluoranthene
Concen: 36.96 ng
RT: 16.47 min Scan# 1302
Delta R.T. -0.02 min
Lab File: BF089659.D
Acq: 8 Aug 2016 13:47

Tgt Ion:202 Resp: 358217
Ion Ratio Lower Upper
202 100
101 12.7 0.0 32.7
203 17.3 0.0 37.8

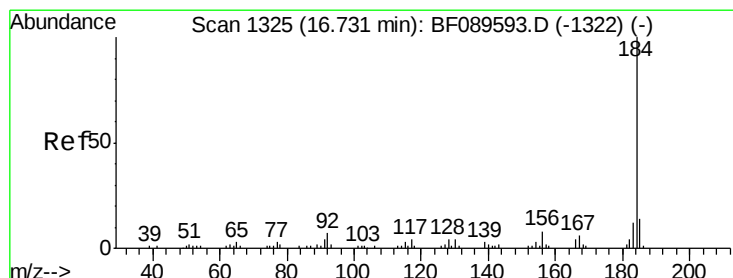
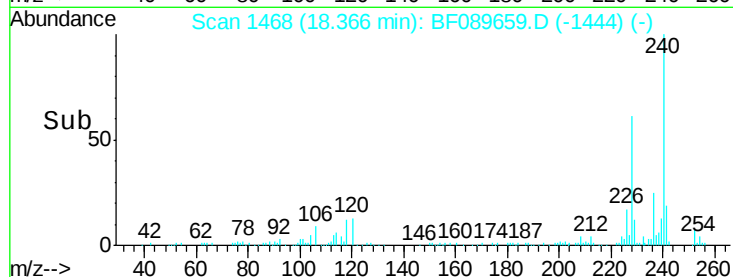
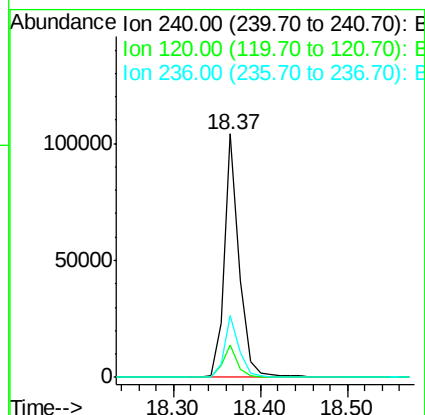
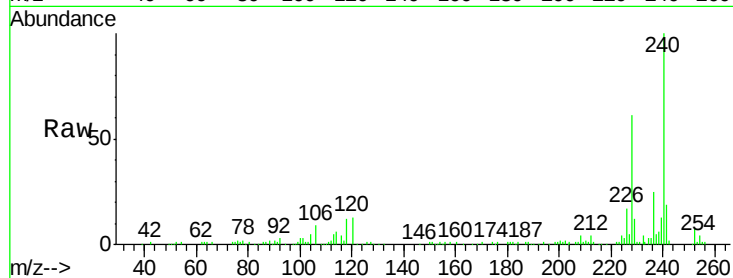




#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.37 min Scan# 1468
Delta R.T. -0.02 min
Lab File: BF089659.D
Acq: 8 Aug 2016 13:47

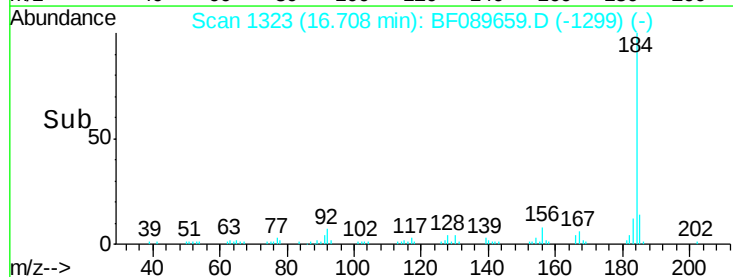
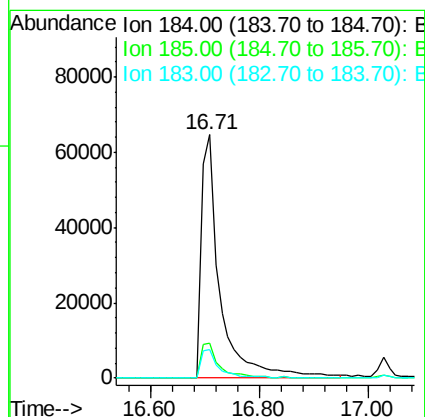
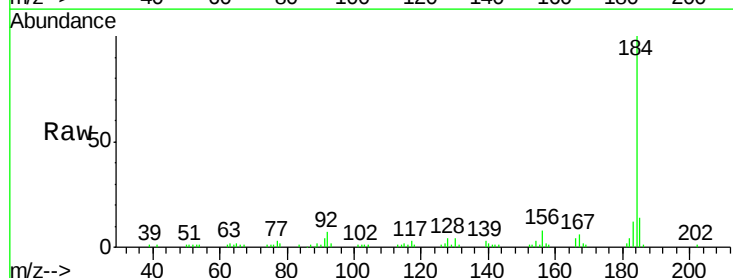
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

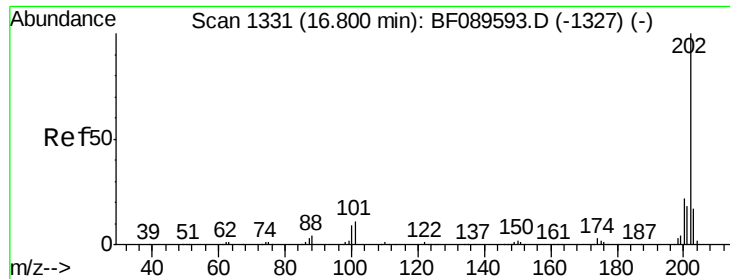
Tgt Ion:240 Resp: 124722
Ion Ratio Lower Upper
240 100
120 13.2 10.6 15.8
236 25.2 20.6 30.8



#76
Benzidine
Concen: 40.36 ng
RT: 16.71 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF089659.D
Acq: 8 Aug 2016 13:47

Tgt Ion:184 Resp: 152600
Ion Ratio Lower Upper
184 100
185 14.5 11.5 17.3
183 11.9 9.8 14.8

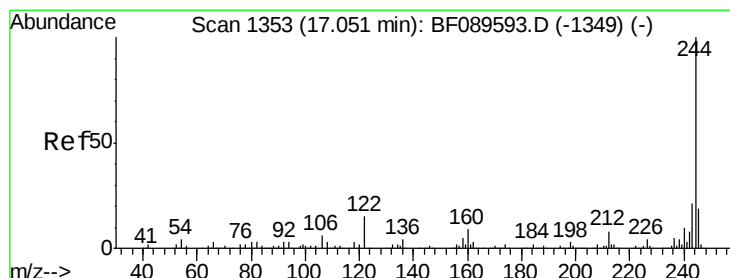
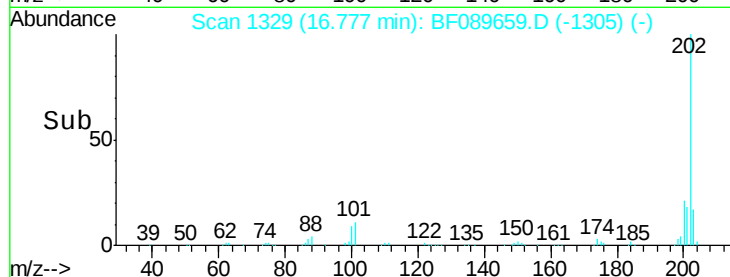
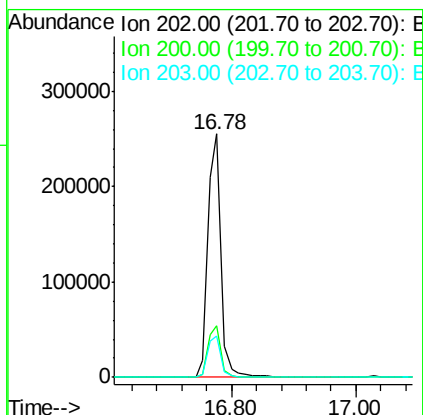
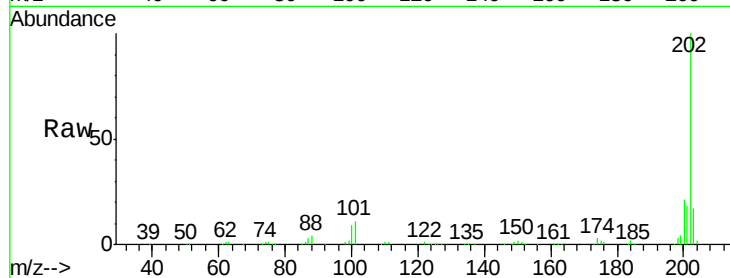




#77
 Pyrene
 Concen: 33.36 ng
 RT: 16.78 min Scan# 1329
 Delta R.T. -0.02 min
 Lab File: BF089659.D
 Acq: 8 Aug 2016 13:47

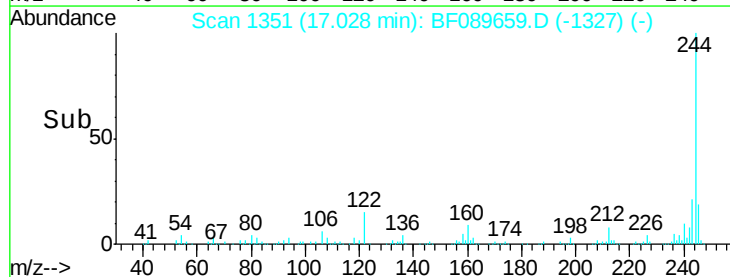
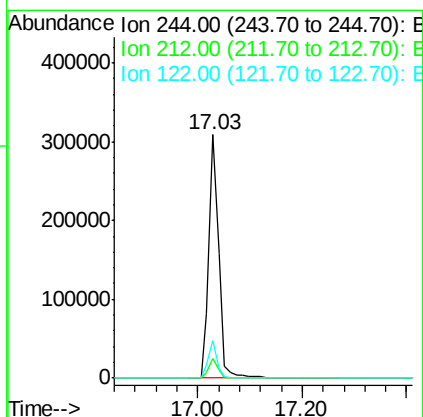
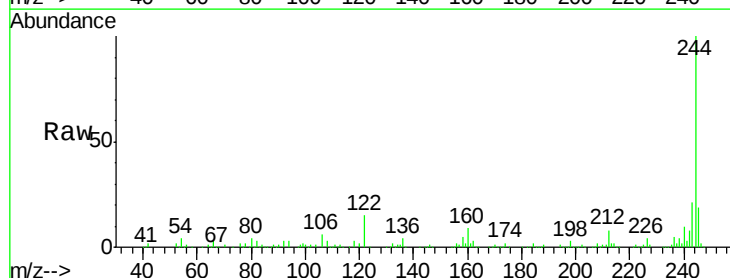
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

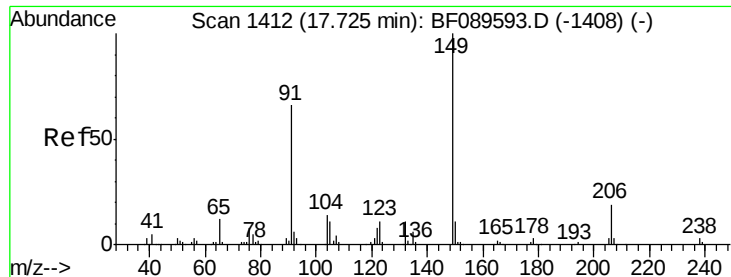
Tgt Ion: 202 Resp: 367825
 Ion Ratio Lower Upper
 202 100
 200 21.3 17.4 26.0
 203 17.0 13.6 20.4



#78
 Terphenyl-d14
 Concen: 64.42 ng
 RT: 17.03 min Scan# 1351
 Delta R.T. -0.02 min
 Lab File: BF089659.D
 Acq: 8 Aug 2016 13:47

Tgt Ion: 244 Resp: 406985
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.4 9.6
 122 15.2 12.2 18.2





#79

Butylbenzylphthalate

Concen: 38.21 ng

RT: 17.70 min Scan# 1410

Delta R.T. -0.02 min

Lab File: BF089659.D

Acq: 8 Aug 2016 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

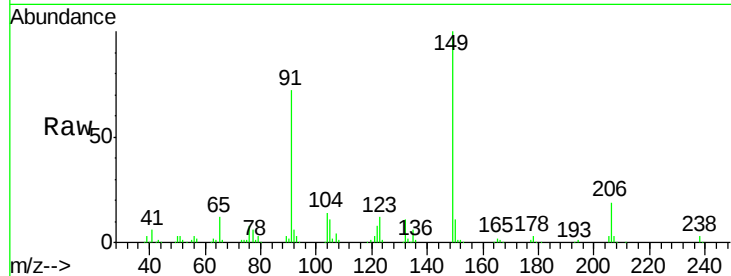
Tgt Ion:149 Resp: 179301

Ion Ratio Lower Upper

149 100

91 71.6 52.6 78.8

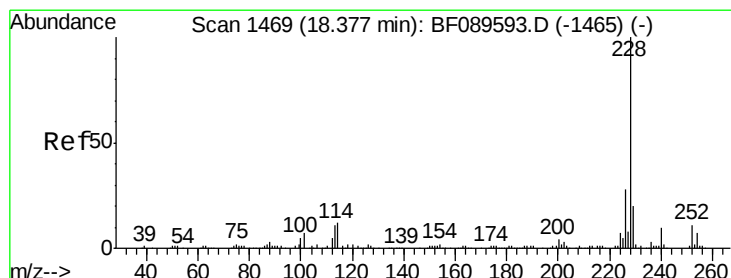
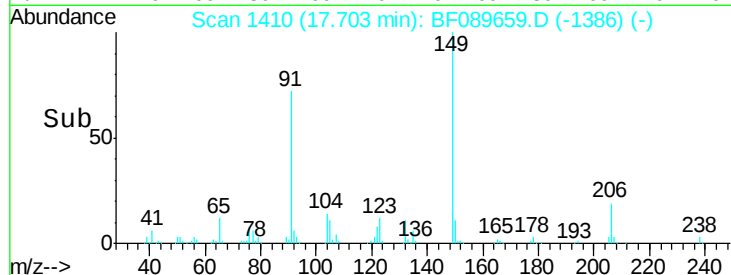
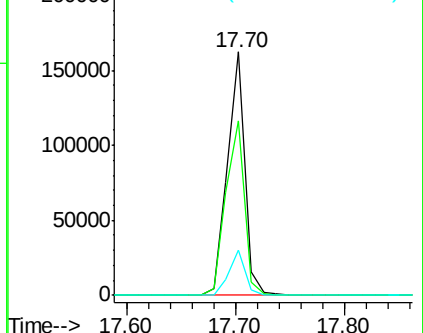
206 18.6 15.4 23.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 36.29 ng

RT: 18.35 min Scan# 1467

Delta R.T. -0.02 min

Lab File: BF089659.D

Acq: 8 Aug 2016 13:47

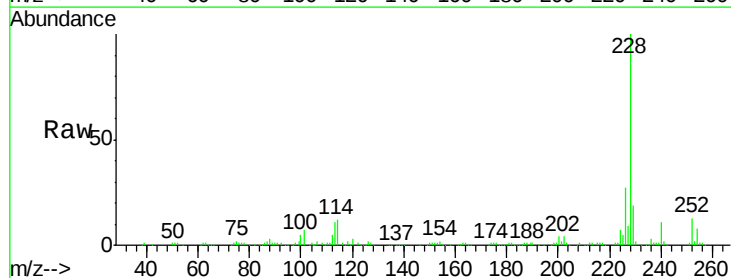
Tgt Ion:228 Resp: 260028

Ion Ratio Lower Upper

228 100

226 27.1 22.3 33.5

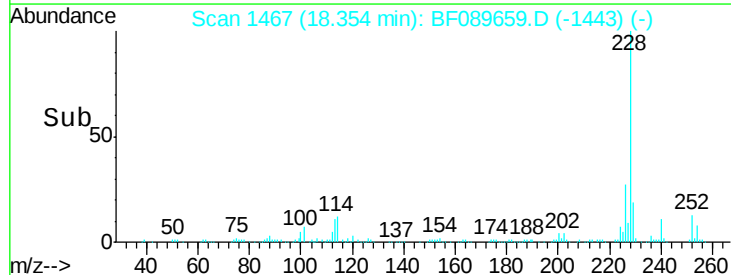
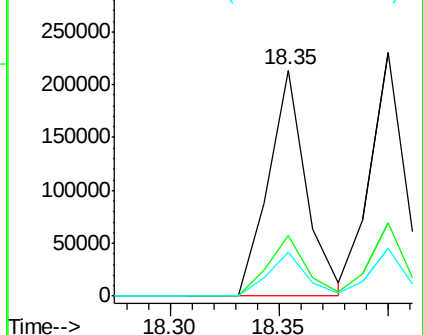
229 19.4 15.9 23.9

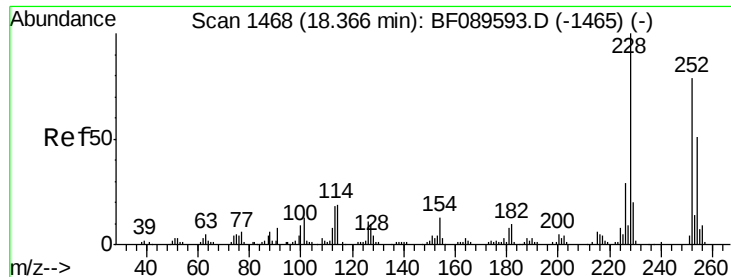


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

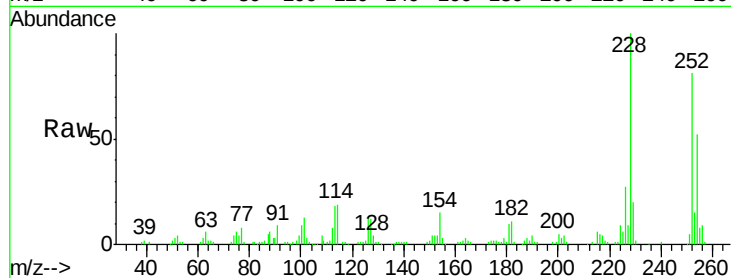




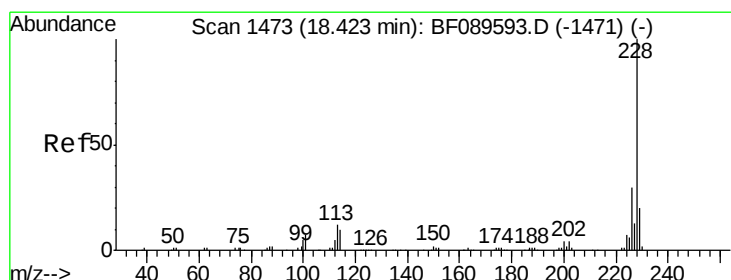
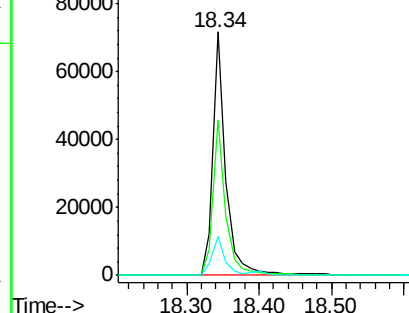
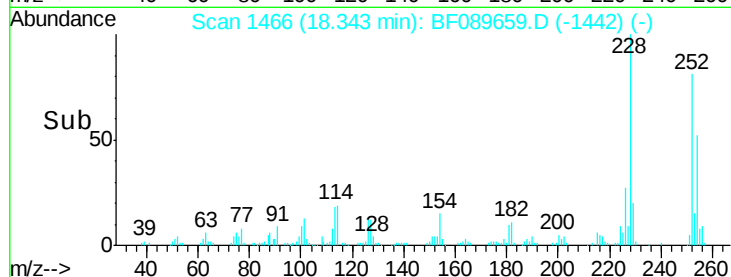
#81
 3,3'-Dichlorobenzidine
 Concen: 39.23 ng
 RT: 18.34 min Scan# 1466
 Delta R.T. -0.02 min
 Lab File: BF089659.D
 Acq: 8 Aug 2016 13:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:252 Resp: 88564
 Ion Ratio Lower Upper
 252 100
 254 64.0 51.7 77.5
 126 15.8 11.0 16.4

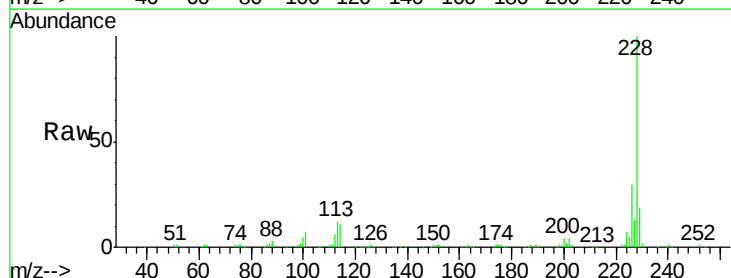


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

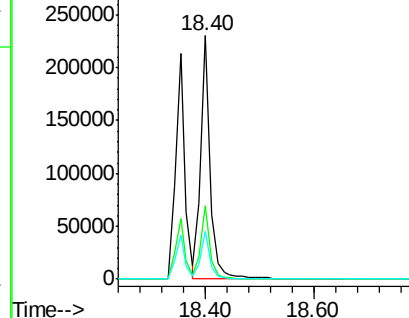
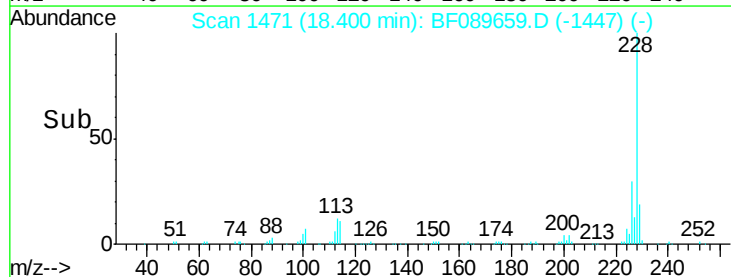


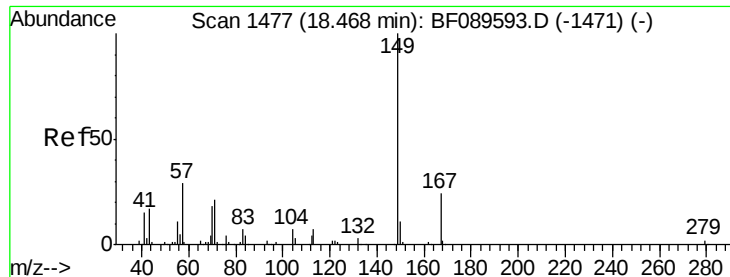
#82
 Chrysene
 Concen: 36.77 ng
 RT: 18.40 min Scan# 1471
 Delta R.T. -0.02 min
 Lab File: BF089659.D
 Acq: 8 Aug 2016 13:47

Tgt Ion:228 Resp: 276413
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.2 36.2
 229 19.4 16.0 24.0



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

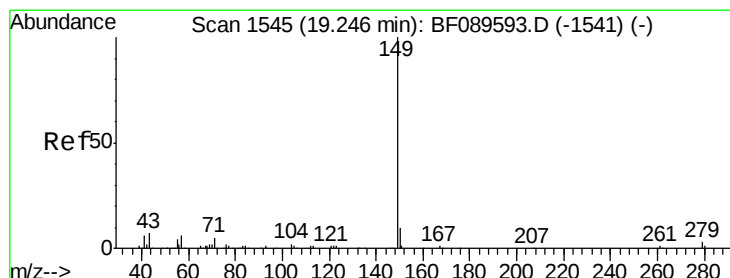
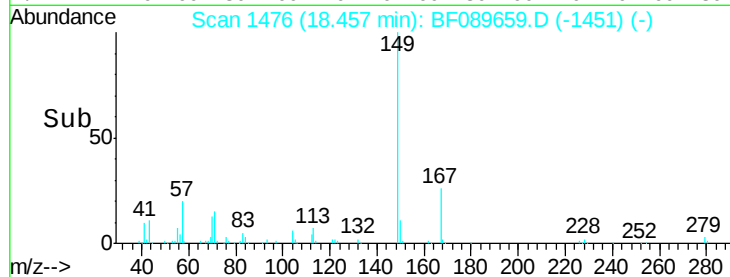
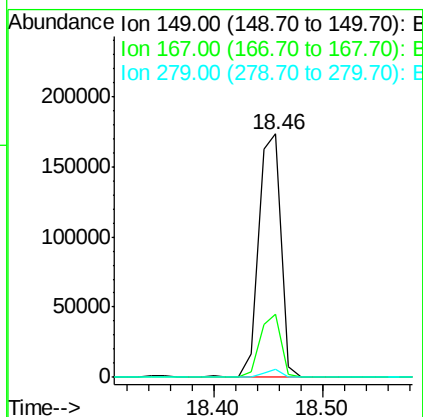
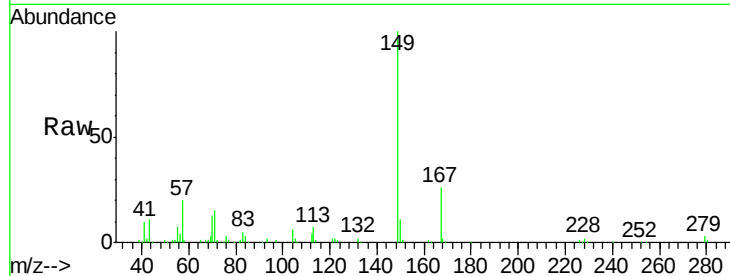




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.26 ng
 RT: 18.46 min Scan# 1476
 Delta R.T. -0.01 min
 Lab File: BF089659.D
 Acq: 8 Aug 2016 13:47

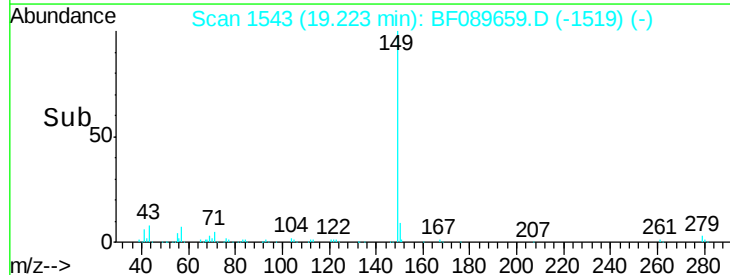
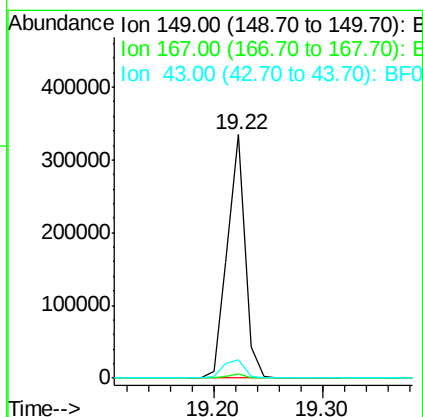
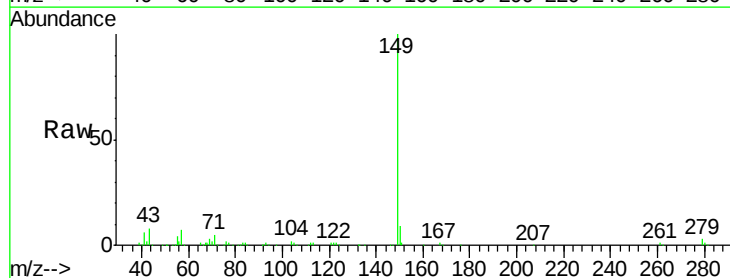
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

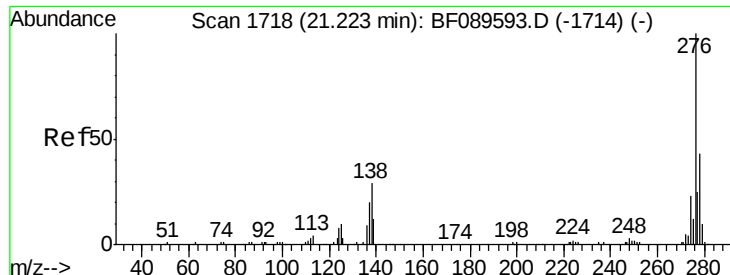
Tgt Ion:149 Resp: 248605
 Ion Ratio Lower Upper
 149 100
 167 25.7 19.0 28.4
 279 3.5 1.8 2.6#



#84
 Di-n-octyl phthalate
 Concen: 40.36 ng
 RT: 19.22 min Scan# 1543
 Delta R.T. -0.02 min
 Lab File: BF089659.D
 Acq: 8 Aug 2016 13:47

Tgt Ion:149 Resp: 377372
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.1 1.7
 43 8.9 7.0 10.4

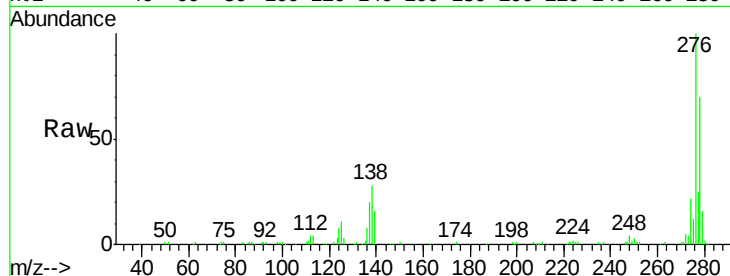




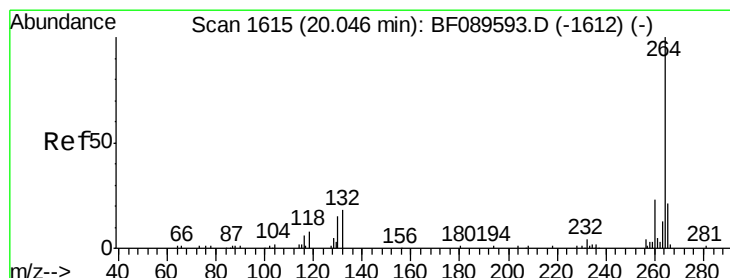
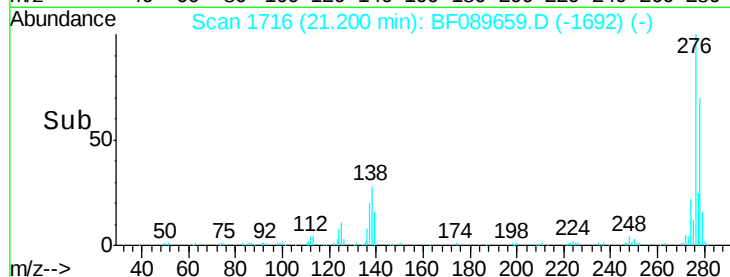
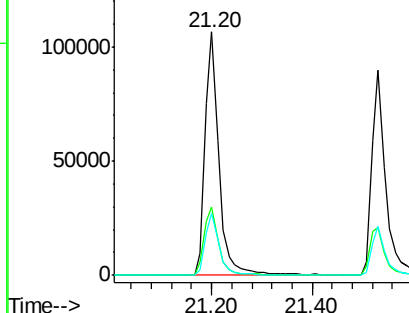
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.09 ng
 RT: 21.20 min Scan# 1716
 Delta R.T. -0.02 min
 Lab File: BF089659.D
 Acq: 8 Aug 2016 13:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.5	23.8	35.8
277	25.3	20.3	30.5

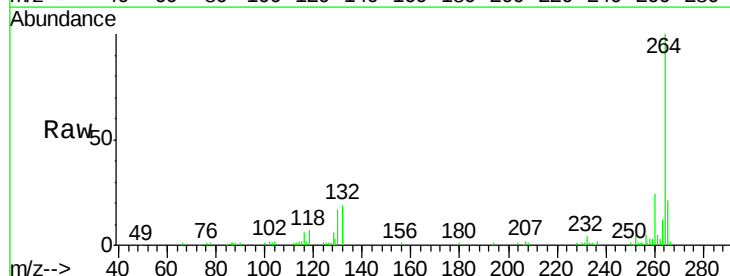


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

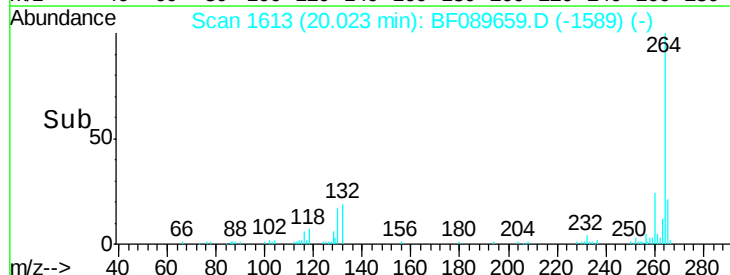
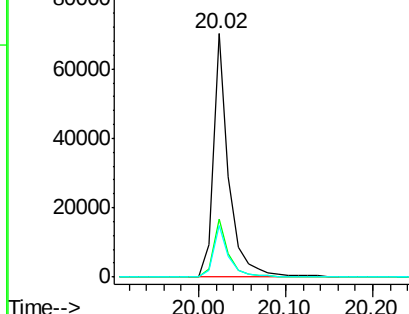


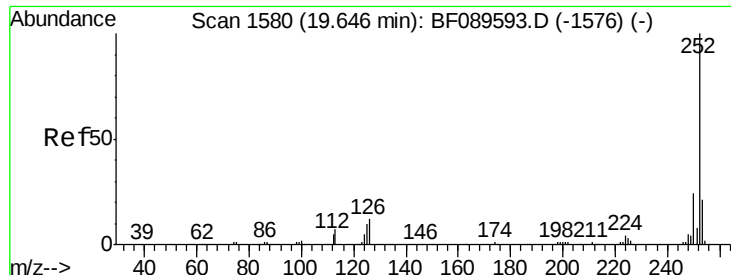
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.02 min Scan# 1613
 Delta R.T. -0.02 min
 Lab File: BF089659.D
 Acq: 8 Aug 2016 13:47

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	21.1	16.5	24.7



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

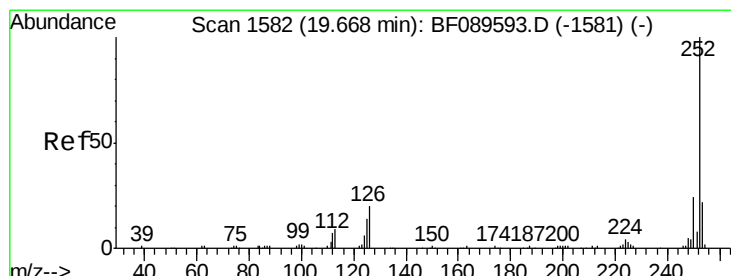
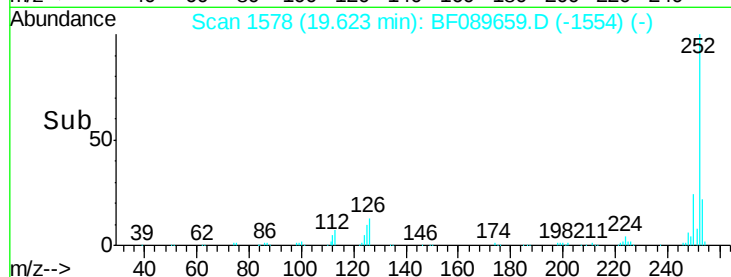
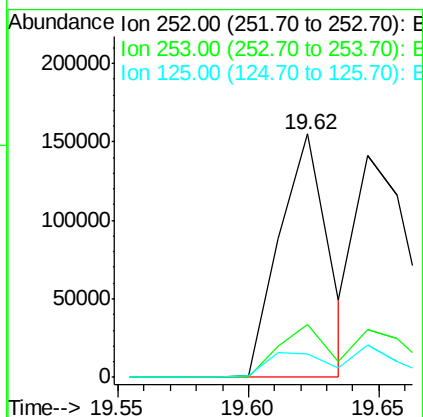
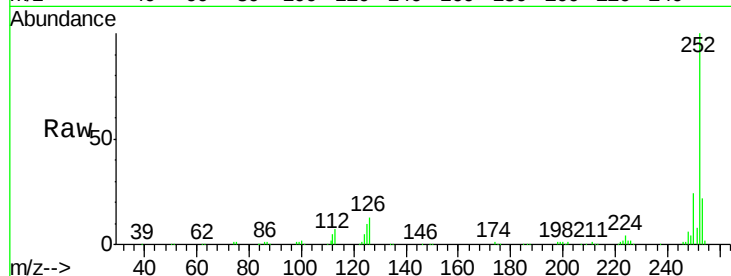




#87
Benzo(b)fluoranthene
Concen: 37.70 ng
RT: 19.62 min Scan# 1578
Delta R.T. -0.02 min
Lab File: BF089659.D
Acq: 8 Aug 2016 13:47

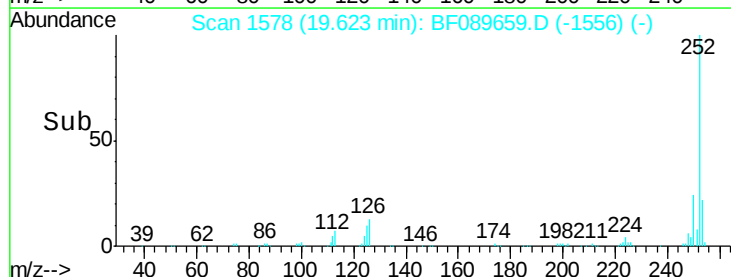
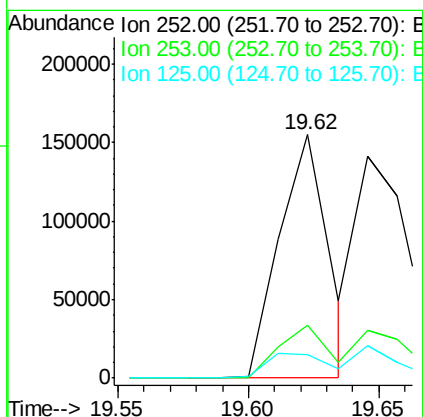
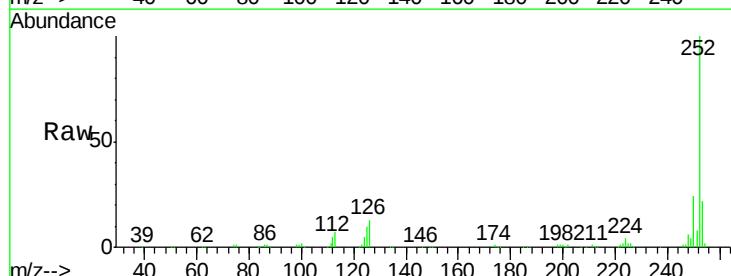
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

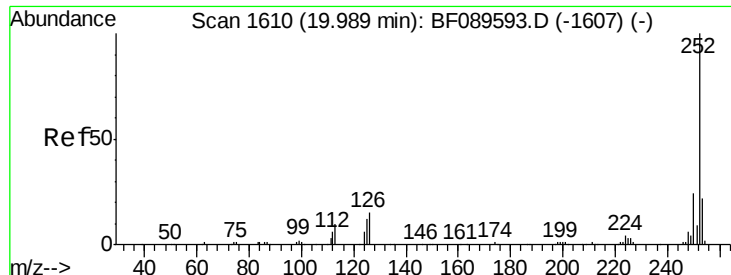
Tgt Ion:252 Resp: 201765
Ion Ratio Lower Upper
252 100
253 21.5 17.1 25.7
125 9.6 7.8 11.8



#88
Benzo(k)fluoranthene
Concen: 37.37 ng
RT: 19.62 min Scan# 1578
Delta R.T. -0.05 min
Lab File: BF089659.D
Acq: 8 Aug 2016 13:47

Tgt Ion:252 Resp: 201765
Ion Ratio Lower Upper
252 100
253 21.5 17.3 25.9
125 9.6 11.0 16.6#

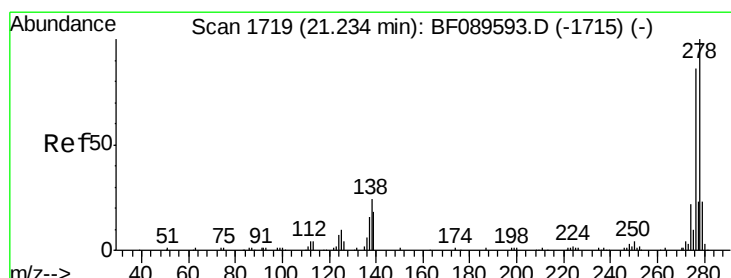
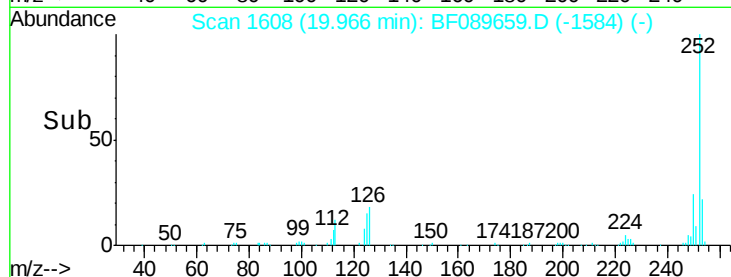
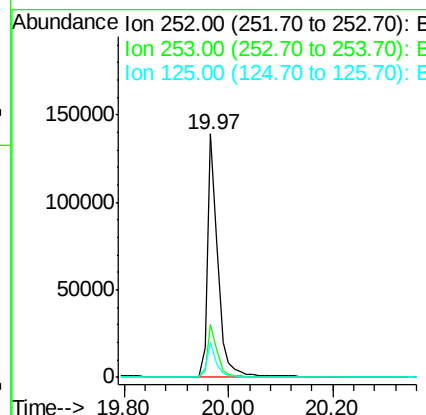
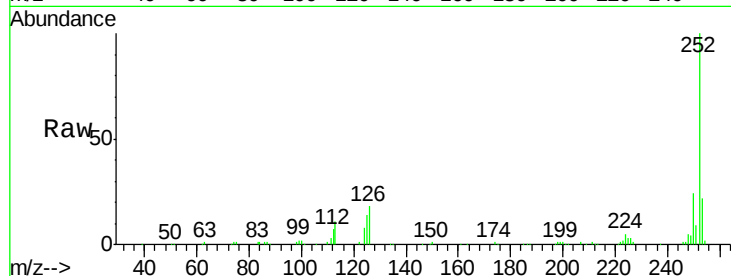




#89
Benzo(a)pyrene
Concen: 38.34 ng
RT: 19.97 min Scan# 1608
Delta R.T. -0.02 min
Lab File: BF089659.D
Acq: 8 Aug 2016 13:47

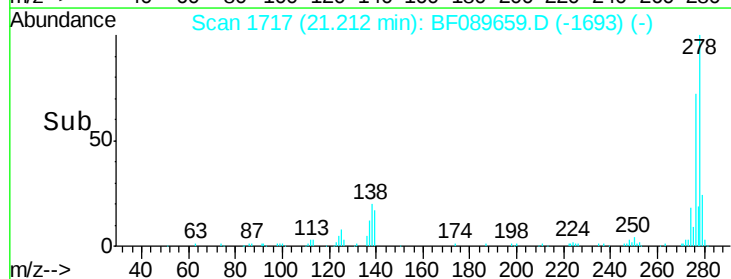
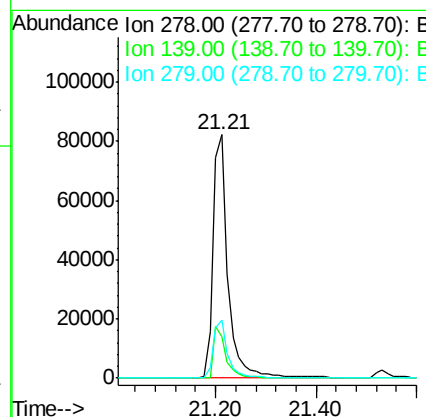
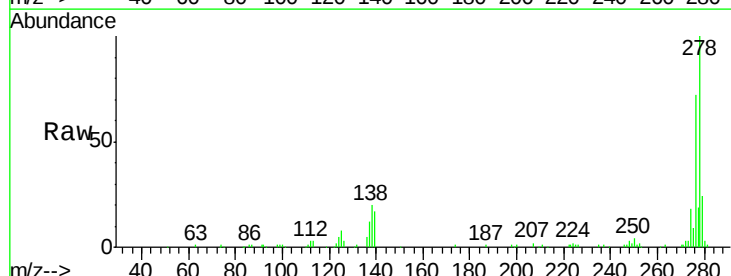
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

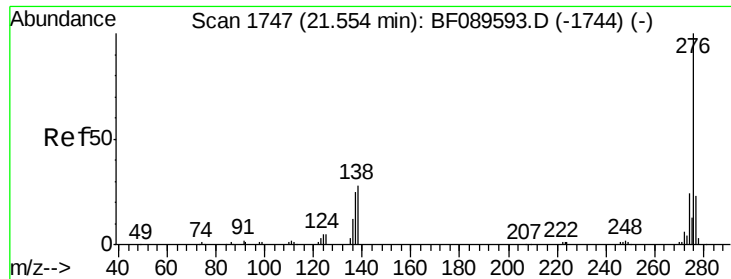
Tgt Ion: 252 Resp: 192117
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 14.5 9.9 14.9



#90
Dibenzo(a,h)anthracene
Concen: 36.35 ng
RT: 21.21 min Scan# 1717
Delta R.T. -0.02 min
Lab File: BF089659.D
Acq: 8 Aug 2016 13:47

Tgt Ion: 278 Resp: 170127
Ion Ratio Lower Upper
278 100
139 16.9 14.6 21.8
279 23.6 18.4 27.6





#91

Benzo(g,h,i)perylene

Concen: 36.91 ng

RT: 21.53 min Scan# 1745

Delta R.T. -0.02 min

Lab File: BF089659.D

Acq: 8 Aug 2016 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

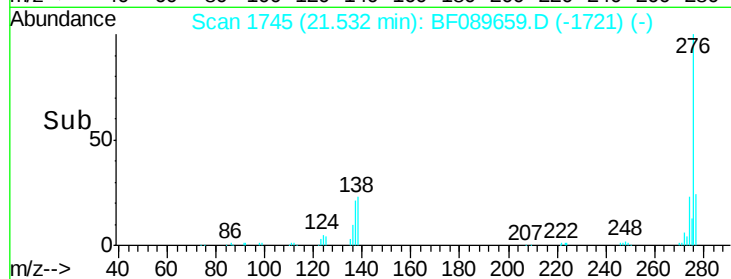
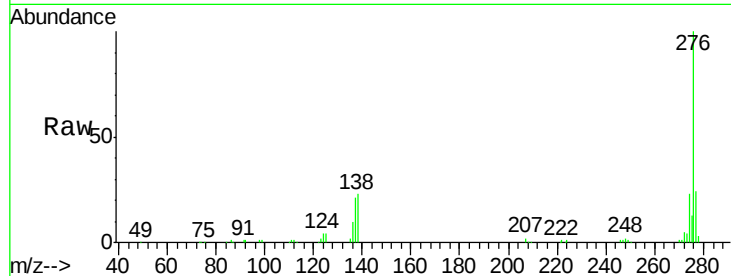
Tgt Ion: 276 Resp: 176871

Ion Ratio Lower Upper

276 100

277 23.7 18.6 28.0

138 23.2 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

