

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080316\
 Data File : BF089565.D
 Acq On : 3 Aug 2016 17:48
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 04 07:16:29 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 04 07:15:27 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	40631	20.00	ng	0.00
21) Naphthalene-d8	9.50	136	178521	20.00	ng	0.00
38) Acenaphthene-d10	12.32	164	81710	20.00	ng	0.00
63) Phenanthrene-d10	14.71	188	149468	20.00	ng	-0.01
75) Chrysene-d12	18.41	240	89171	20.00	ng	0.00
86) Perylene-d12	20.07	264	70715	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	192423	78.46	ng	0.00
7) Phenol-d6	7.00	99	267680	81.89	ng	0.00
23) Nitrobenzene-d5	8.38	82	237928	73.73	ng	0.00
41) 2,4,6-Tribromophenol	13.61	330	53671	82.70	ng	0.00
44) 2-Fluorobiphenyl	11.28	172	467767	74.35	ng	0.00
78) Terphenyl-d14	17.07	244	337601	75.96	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.77	88	51403	36.70	ng	100
3) Pyridine	2.35	79	93774	34.80	ng	98
4) n-Nitrosodimethylamine	2.32	42	38978	36.16	ng	94
6) Aniline	6.96	93	149317	34.42	ng	100
8) 2-Chlorophenol	7.14	128	119219	40.61	ng	100
9) Benzaldehyde	6.78	77	55668	47.80	ng	98
10) Phenol	7.03	94	134135	39.62	ng	99
11) bis(2-Chloroethyl)ether	7.11	93	114621	38.52	ng	100
12) 1,3-Dichlorobenzene	7.50	146	114551	35.58	ng	98
13) 1,4-Dichlorobenzene	7.50	146	118179	36.76	ng	97
14) 1,2-Dichlorobenzene	7.72	146	121807	36.51	ng	100
15) Benzyl Alcohol	7.76	79	86237	40.38	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.96	45	141076	38.44	ng	# 20
17) 2-Methylphenol	7.96	107	85812	39.96	ng	99
18) Hexachloroethane	8.25	117	49413	36.60	ng	99
19) n-Nitroso-di-n-propylamine	8.18	70	87558	71.56	ng	98
20) 3+4-Methylphenols	8.23	107	104980	37.34	ng	99
22) Acetophenone	8.15	105	149139	35.19	ng	100
24) Nitrobenzene	8.41	77	126817	37.79	ng	100
25) Isophorone	8.81	82	238761	38.97	ng	99
26) 2-Nitrophenol	8.91	139	53491	38.24	ng	100
27) 2,4-Dimethylphenol	9.05	122	99099	39.53	ng	98
28) bis(2-Chloroethoxy)methane	9.19	93	132460	36.09	ng	99
29) 2,4-Dichlorophenol	9.32	162	86663	36.75	ng	98
30) 1,2,4-Trichlorobenzene	9.42	180	100875	37.43	ng	95
31) Naphthalene	9.53	128	344363	36.28	ng	100
32) Benzoic acid	9.37	122	59390	35.67	ng	97
33) 4-Chloroaniline	9.67	127	126626	34.54	ng	97
34) Hexachlorobutadiene	9.75	225	55773	35.67	ng	99
35) Caprolactam	10.30	113	25226	36.37	ng	# 83
36) 4-Chloro-3-methylphenol	10.51	107	108448	39.24	ng	87
37) 2-Methylnaphthalene	10.65	142	208065	35.86	ng	99
39) 1,2,4,5-Tetrachlorobenzene	10.92	216	113679	36.92	ng	100
40) Hexachlorocyclopentadiene	10.91	237	31070	32.94	ng	96

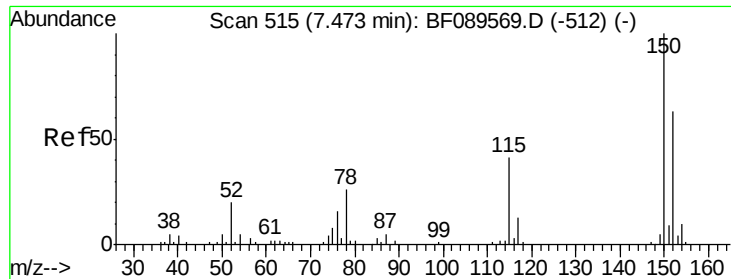
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080316\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.14	196	59762	39.70	nq	98
43) 2,4,5-Trichlorophenol	11.22	196	63967	39.75	nq	99
45) 1,1'-Biphenyl	11.43	154	280867	38.06	nq	99
46) 2-Chloronaphthalene	11.44	162	207678	37.56	nq	99
47) 2-Nitroaniline	11.64	65	62594	35.69	nq	99
48) Acenaphthylene	12.09	152	342533	37.58	nq	99
49) Dimethylphthalate	11.98	163	246407	39.36	nq	99
50) 2,6-Dinitrotoluene	12.06	165	49871	39.82	nq	# 68
51) Acenaphthene	12.38	154	199485	37.75	nq	99
52) 3-Nitroaniline	12.33	138	51168	34.65	nq	95
53) 2,4-Dinitrophenol	12.54	184	14484	34.71	nq	97
54) Dibenzofuran	12.66	168	270336	37.59	nq	99
55) 4-Nitrophenol	12.66	139	101543	125.50	nq	# 15
56) 2,4-Dinitrotoluene	12.72	165	68842	40.90	nq	97
57) Fluorene	13.21	166	231500	37.84	nq	98
58) 2,3,4,6-Tetrachlorophenol	12.89	232	46024	40.50	nq	96
59) Diethylphthalate	13.12	149	245128	38.65	nq	100
60) 4-Chlorophenyl-phenylether	13.25	204	107884	39.24	nq	99
61) 4-Nitroaniline	13.33	138	46187	35.69	nq	96
62) Azobenzene	13.50	77	219365	33.73	nq	99
64) 4,6-Dinitro-2-methylphenol	13.38	198	32489	37.44	nq	99
65) n-Nitrosodiphenylamine	13.45	169	190060	37.32	nq	98
66) 4-Bromophenyl-phenylether	14.02	248	57628	39.47	nq	99
67) Hexachlorobenzene	14.09	284	59276	37.53	nq	93
68) Atrazine	14.37	200	51924	39.40	nq	99
69) Pentachlorophenol	14.45	266	21805	37.62	nq	97
70) Phenanthrene	14.75	178	302978	37.95	nq	99
71) Anthracene	14.83	178	329630	37.76	nq	99
72) Carbazole	15.12	167	274357	38.85	nq	100
73) Di-n-butylphthalate	15.71	149	353682	39.16	nq	99
74) Fluoranthene	16.51	202	305188	37.77	nq	99
76) Benzidine	16.75	184	106668	43.86	nq	98
77) Pyrene	16.81	202	292684	36.92	nq	99
79) Butylbenzylphthalate	17.74	149	118813	39.94	nq	97
80) Benzo(a)anthracene	18.40	228	196908	37.89	nq	99
81) 3,3'-Dichlorobenzidine	18.39	252	65443	40.19	nq	99
82) Chrysene	18.43	228	196800	36.73	nq	98
83) Bis(2-ethylhexyl)phthalate	18.49	149	160918	40.14	nq	99
84) Di-n-octyl phthalate	19.26	149	233470	38.41	nq	100
85) Indeno(1,2,3-cd)pyrene	21.26	276	183431	40.10	nq	100
87) Benzo(b)fluoranthene	19.66	252	163835	37.92	nq	99
88) Benzo(k)fluoranthene	19.66	252	163835	38.50	nq	# 97
89) Benzo(a)pyrene	20.01	252	154298	38.52	nq	99
90) Dibenzo(a,h)anthracene	21.27	278	151898	40.06	nq	98
91) Benzo(g,h,i)perylene	21.59	276	157665	39.68	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.47 min Scan# 515

Delta R.T. -0.00 min

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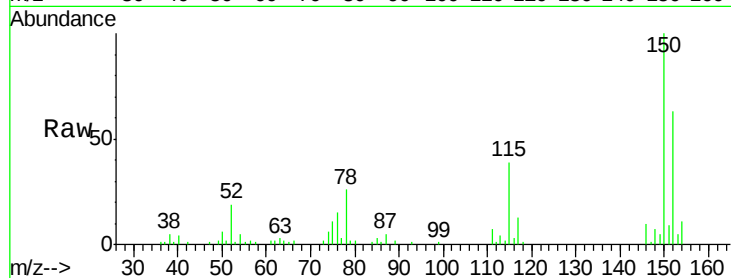
Tot Ion:152 Resp: 40631

Ion Ratio Lower Upper

152 100

150 159.4 127.4 191.2

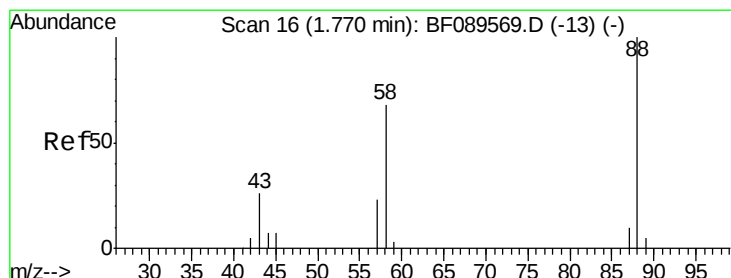
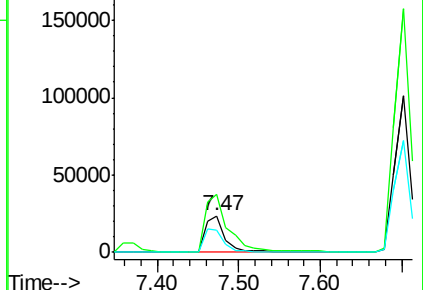
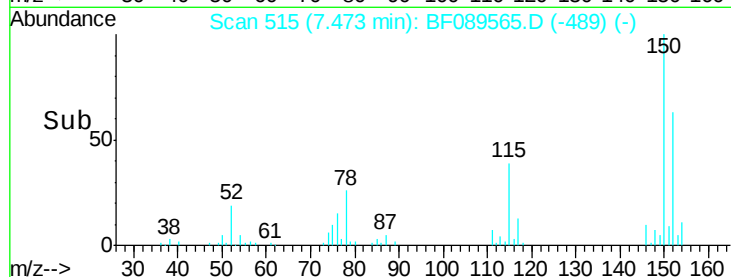
115 61.4 51.8 77.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 36.70 ng

RT: 1.77 min Scan# 16

Delta R.T. -0.00 min

Lab File: BF089565.D

Acq: 3 Aug 2016 17:48

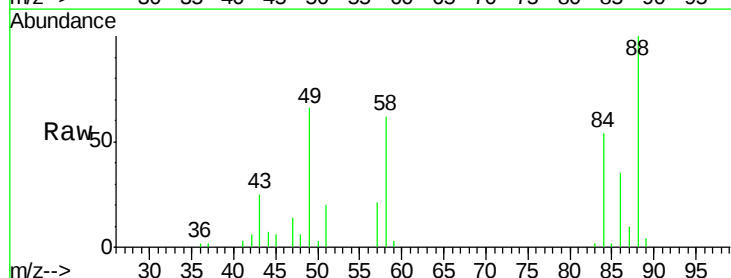
Tgt Ion: 88 Resp: 51403

Ion Ratio Lower Upper

88 100

58 58.4 47.0 70.4

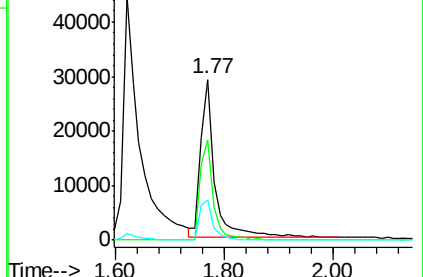
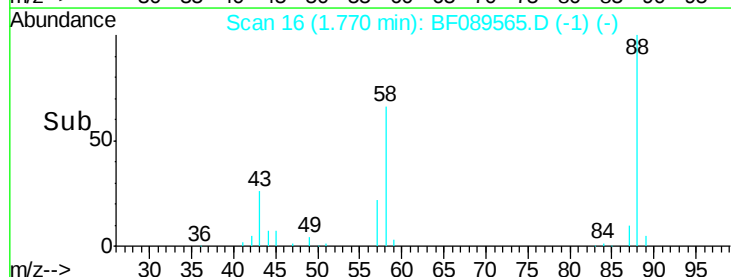
43 23.5 18.9 28.3

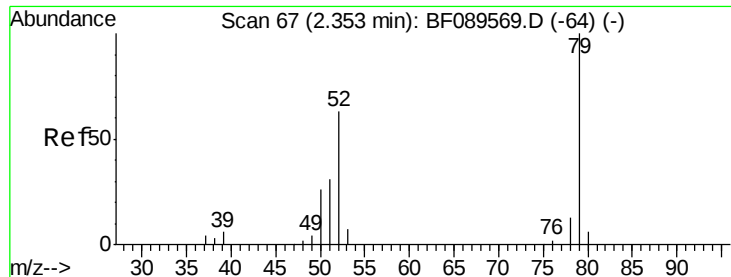


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 34.80 ng

RT: 2.35 min Scan# 67

Delta R.T. -0.00 min

Lab File: BF089565.D

Acq: 3 Aug 2016 17:48

Instrument :

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SSTDCCC040

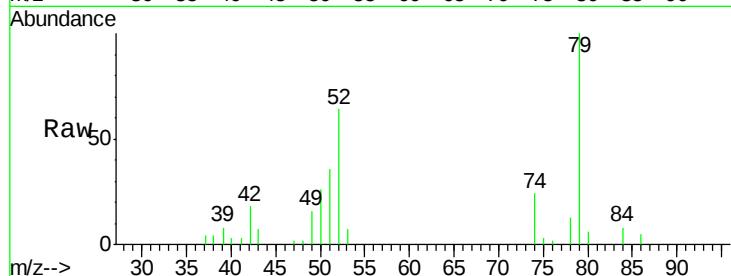
Tot Ion: 79 Resp: 93774

Ion Ratio Lower Upper

79 100

52 64.5 50.6 76.0

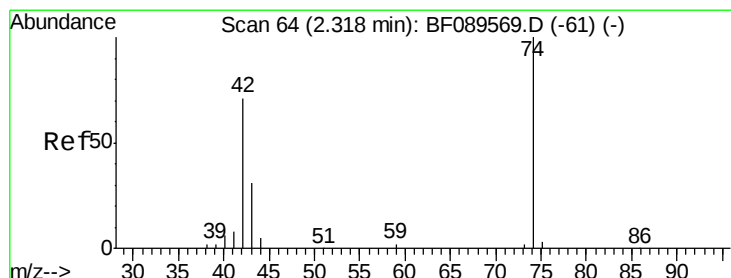
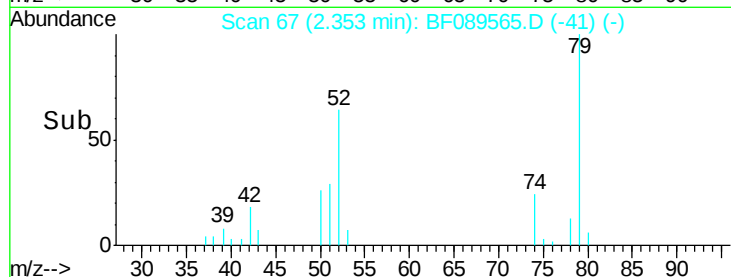
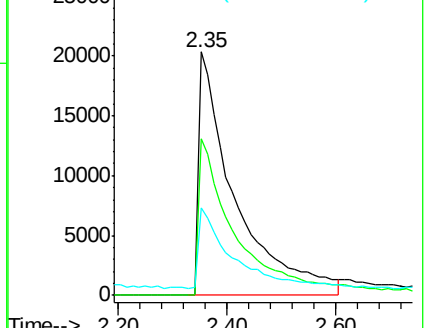
51 35.8 27.6 41.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 36.16 ng

RT: 2.32 min Scan# 64

Delta R.T. -0.00 min

Lab File: BF089565.D

Acq: 3 Aug 2016 17:48

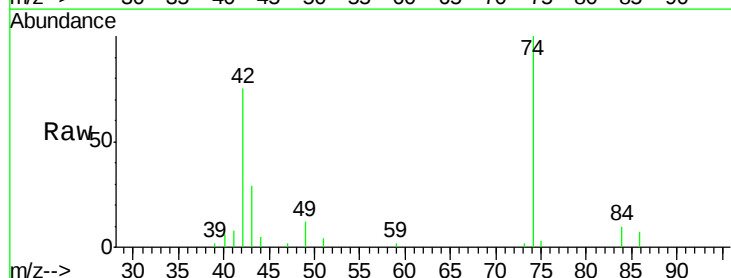
Tgt Ion: 42 Resp: 38978

Ion Ratio Lower Upper

42 100

74 134.2 113.5 170.3

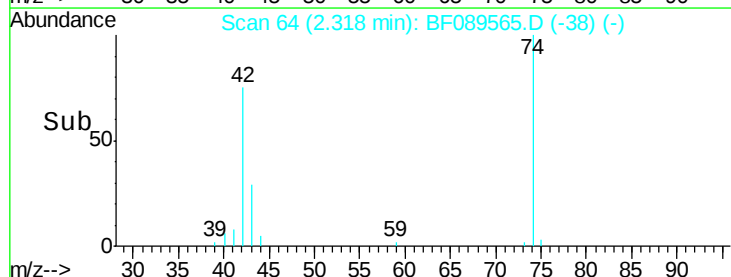
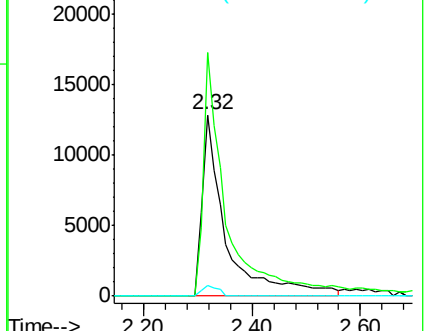
44 6.1 5.5 8.3

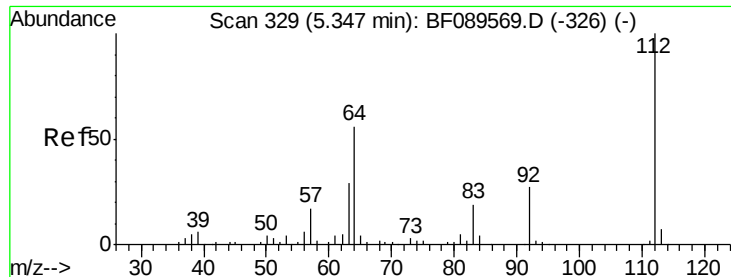


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 78.46 ng

RT: 5.35 min Scan# 329

Delta R.T. -0.00 min

Lab File: BF089565.D

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SSTDCCC040

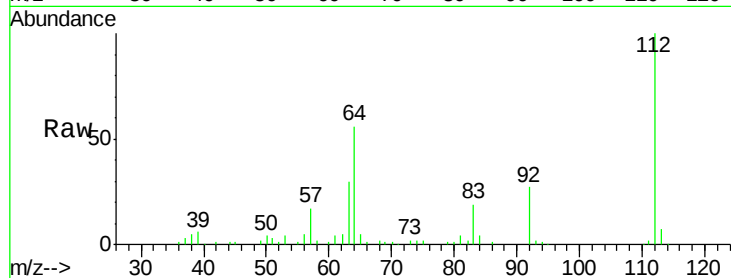
Tot Ion:112 Resp: 192423

Ion Ratio Lower Upper

112 100

64 56.0 45.2 67.8

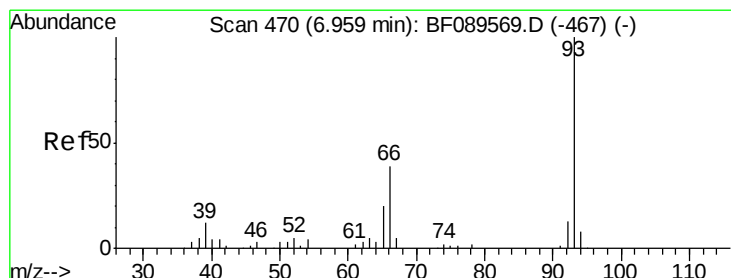
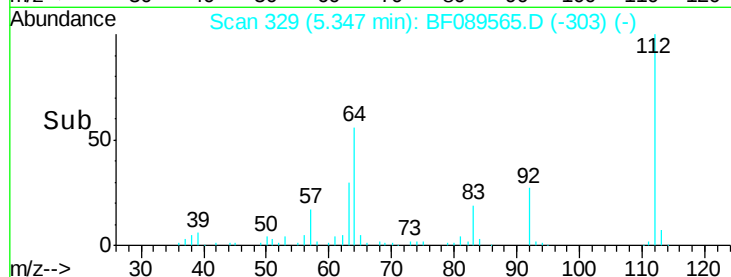
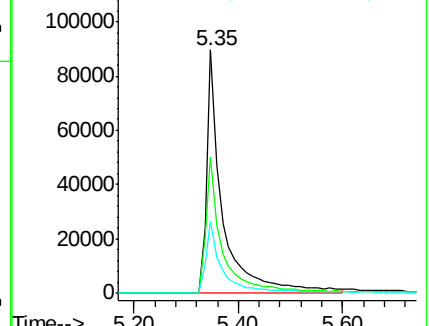
63 29.5 23.1 34.7



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: 34.42 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.00 min

Lab File: BF089565.D

Acq: 3 Aug 2016 17:48

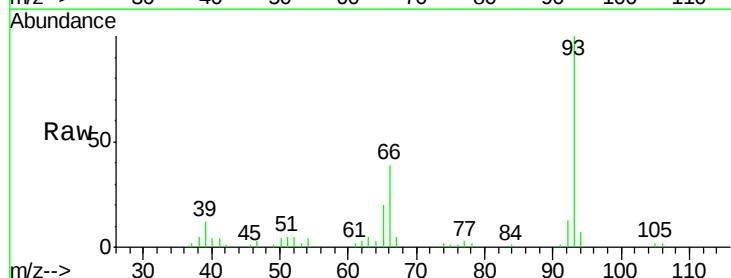
Tgt Ion: 93 Resp: 149317

Ion Ratio Lower Upper

93 100

66 38.6 31.1 46.7

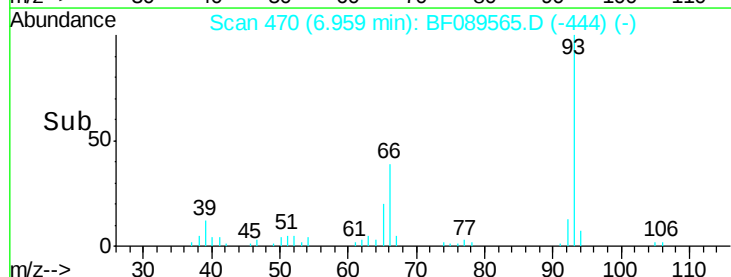
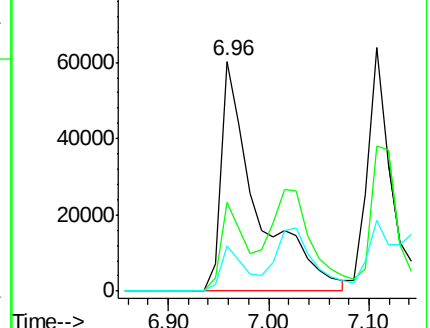
65 19.7 15.7 23.5

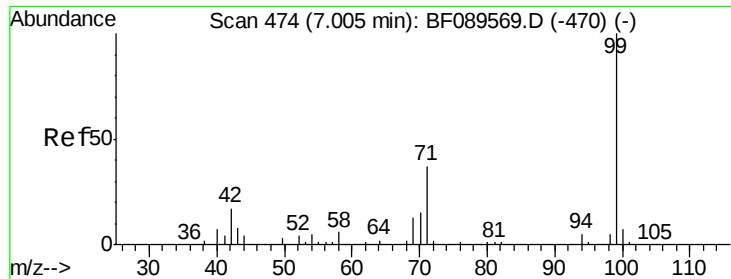


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 81.89 ng

RT: 7.00 min Scan# 474

Delta R.T. -0.00 min

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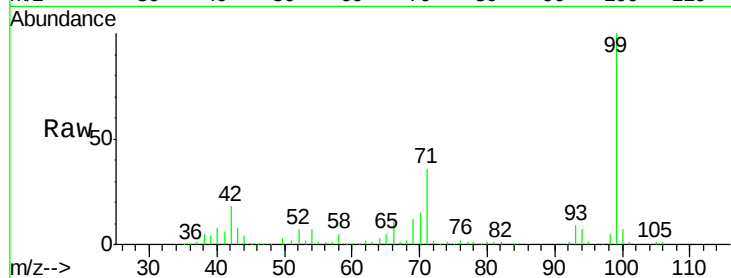
Tot Ion: 99 Resp: 267680

Ion Ratio Lower Upper

99 100

42 17.6 13.9 20.9

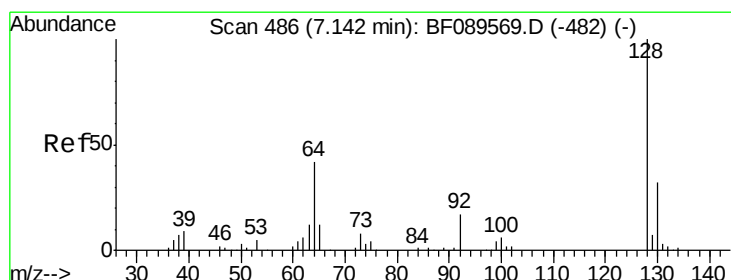
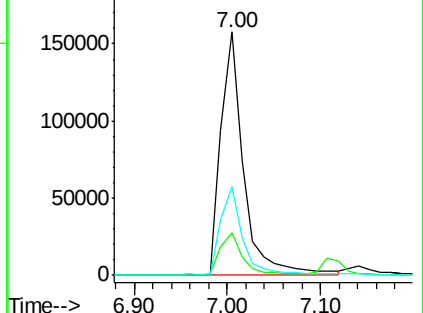
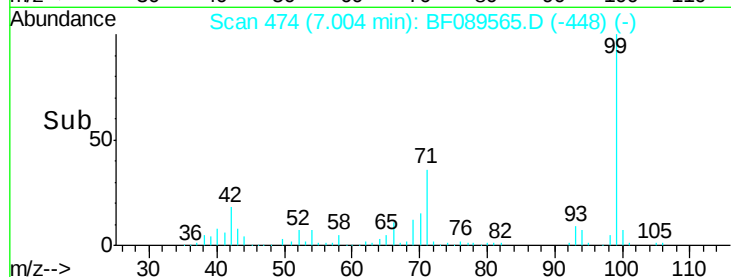
71 36.3 29.3 43.9



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: 40.61 ng

RT: 7.14 min Scan# 486

Delta R.T. -0.00 min

Lab File: BF089565.D

Acq: 3 Aug 2016 17:48

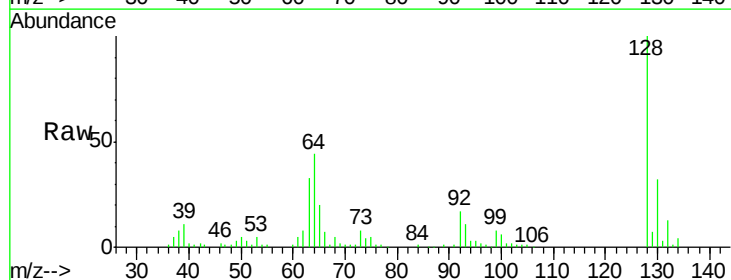
Tgt Ion: 128 Resp: 119219

Ion Ratio Lower Upper

128 100

130 32.0 12.4 52.4

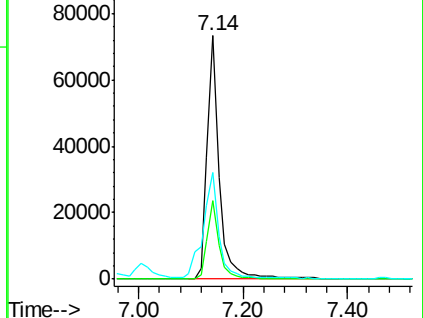
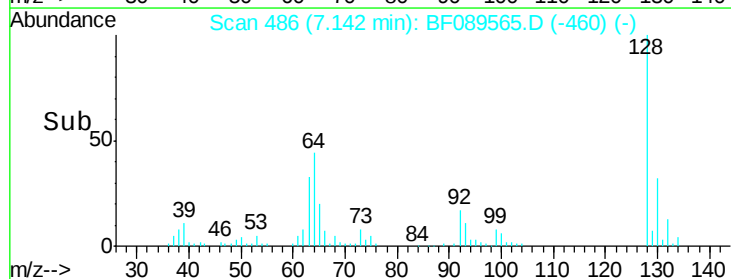
64 44.1 24.0 64.0

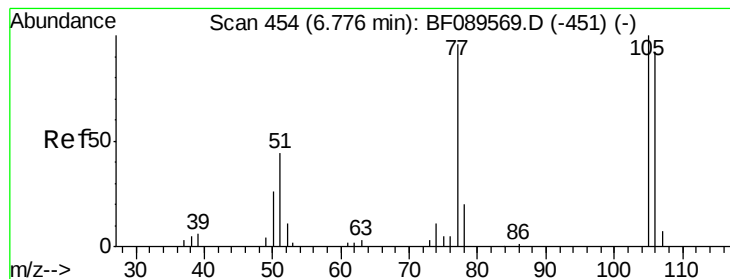


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 47.80 ng

RT: 6.78 min Scan# 454

Delta R.T. -0.00 min

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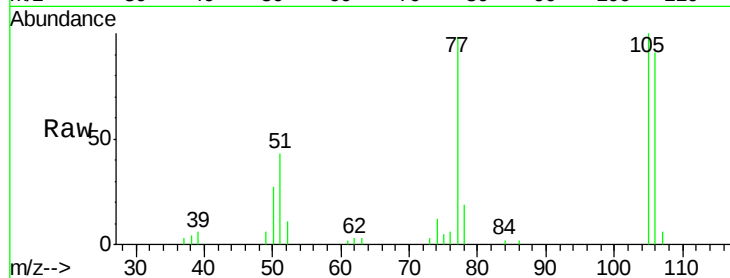
Tot Ion: 77 Resp: 55668

Ion Ratio Lower Upper

77 100

105 102.1 84.0 124.0

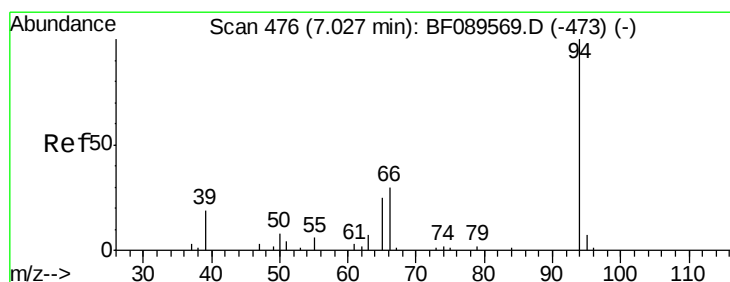
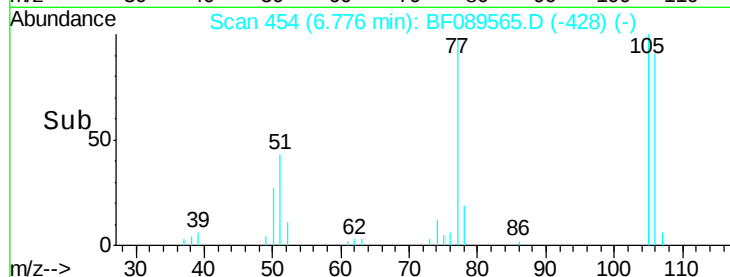
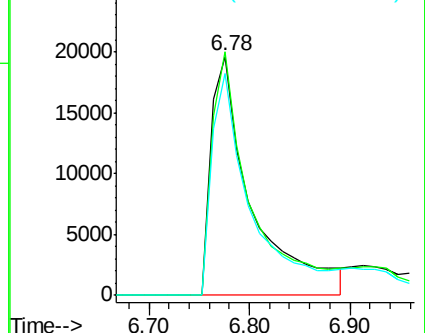
106 93.0 75.3 115.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 39.62 ng

RT: 7.03 min Scan# 476

Delta R.T. -0.00 min

Lab File: BF089565.D

Acq: 3 Aug 2016 17:48

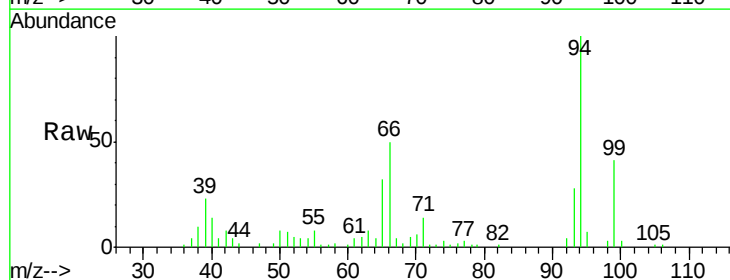
Tgt Ion: 94 Resp: 134135

Ion Ratio Lower Upper

94 100

65 31.8 11.9 51.9

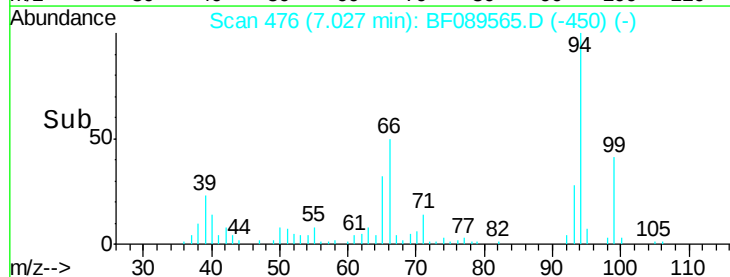
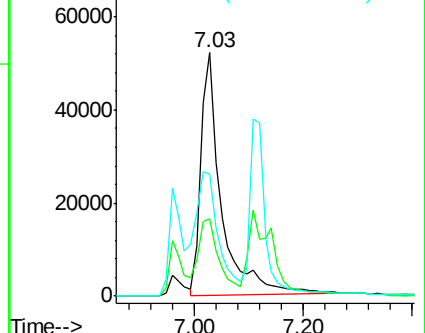
66 50.2 30.9 70.9

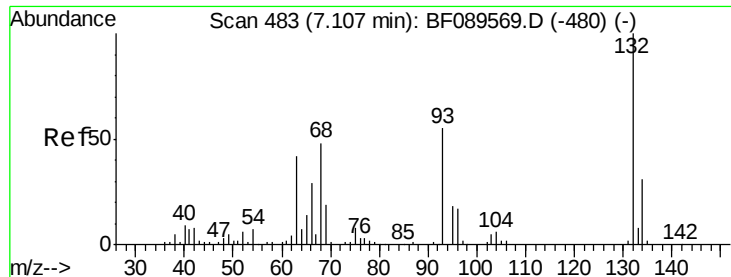


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

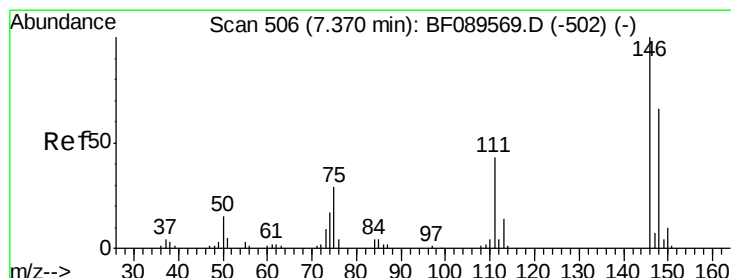
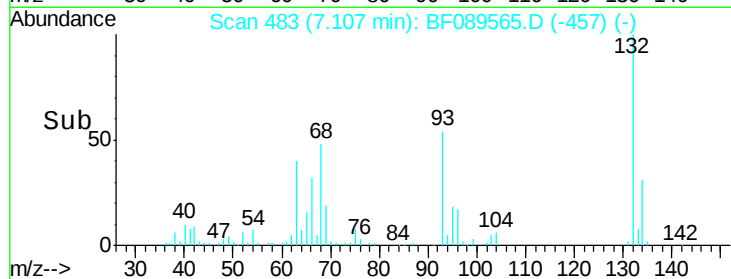
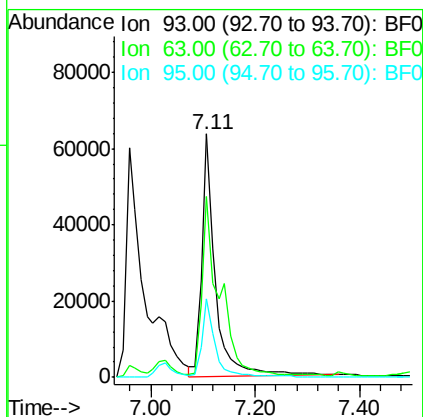
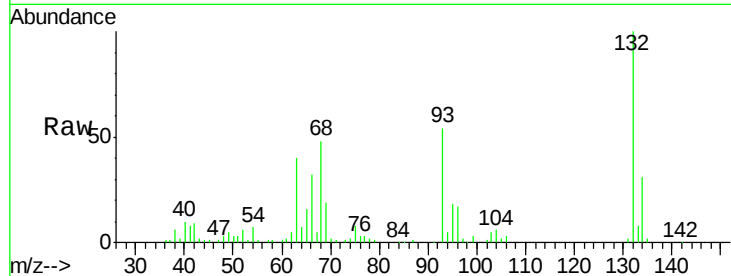




#11
bis(2-Chloroethyl)ether
Concen: 38.52 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.00 min
Lab File: BF089565.D
Acq: 3 Aug 2016 17:48

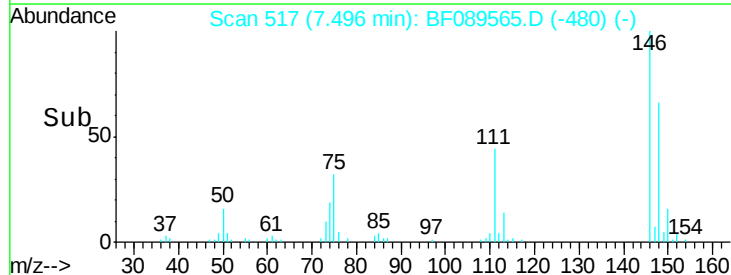
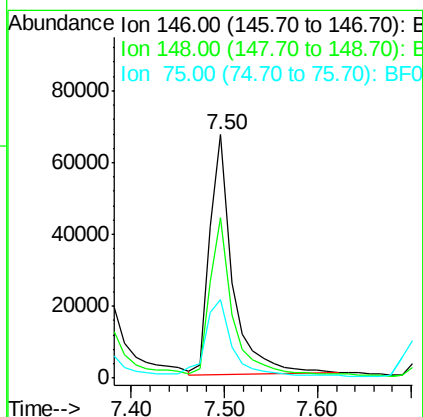
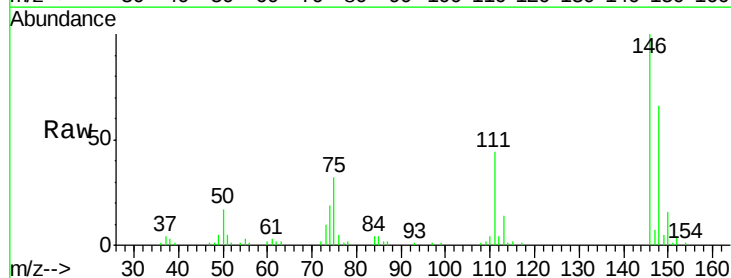
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

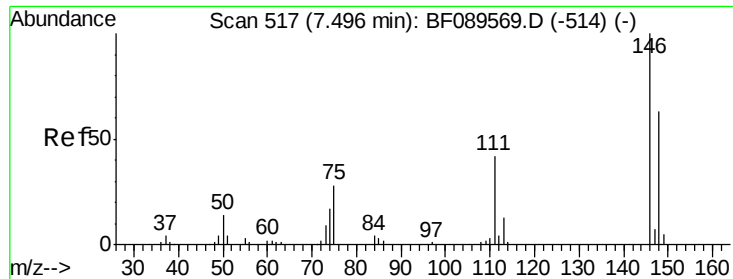
Tot Ion: 93 Resp: 114621
Ion Ratio Lower Upper
93 100
63 74.1 54.0 94.0
95 32.2 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 35.58 ng
RT: 7.50 min Scan# 517
Delta R.T. 0.13 min
Lab File: BF089565.D
Acq: 3 Aug 2016 17:48

Tgt Ion: 146 Resp: 114551
Ion Ratio Lower Upper
146 100
148 65.9 52.7 79.1
75 32.1 23.3 34.9

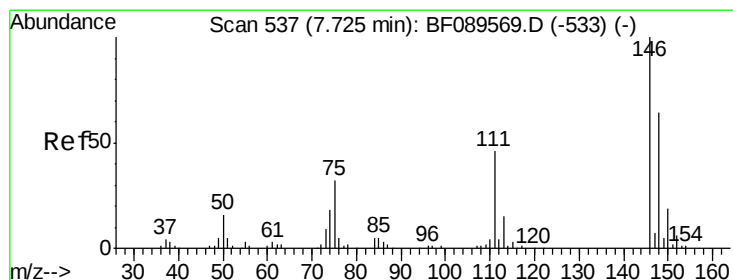
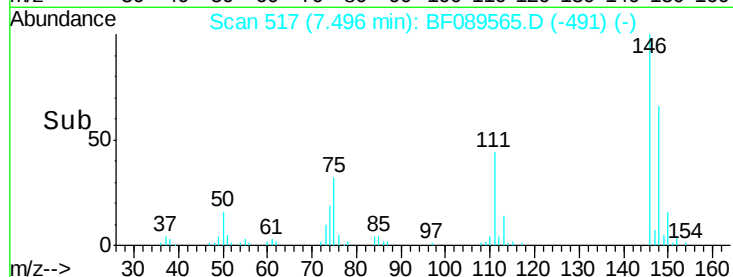
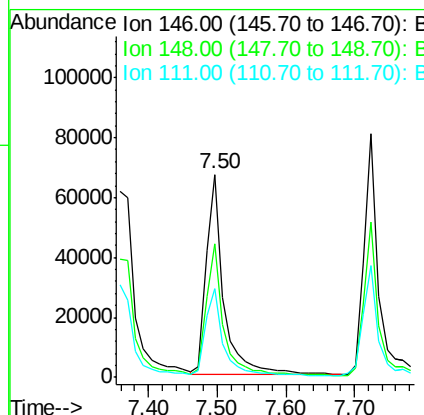
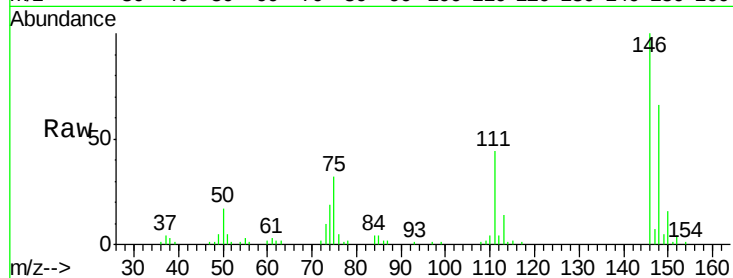




#13
 1,4-Dichlorobenzene
 Concen: 36.76 ng
 RT: 7.50 min Scan# 517
 Delta R.T. -0.00 min
 Lab File: BF089565.D
 Acq: 3 Aug 2016 17:48

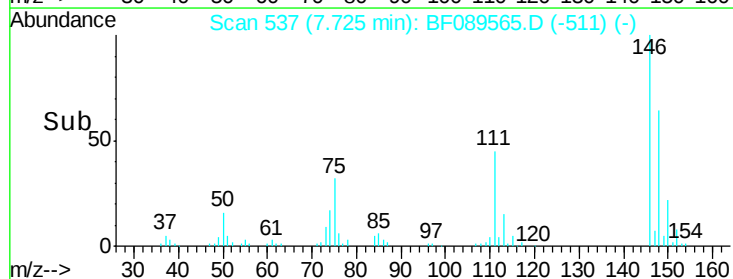
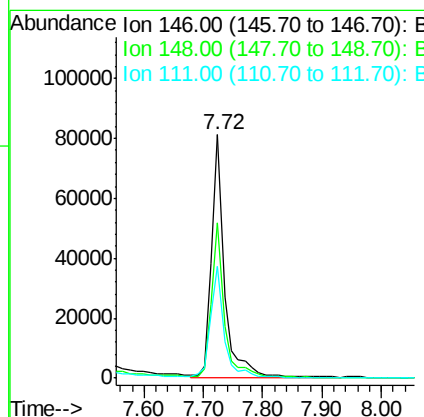
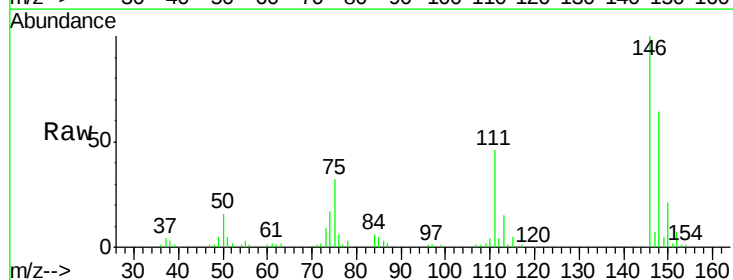
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

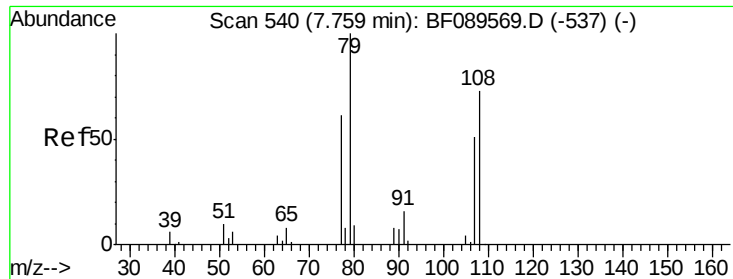
Tot Ion:146 Resp: 118179
 Ion Ratio Lower Upper
 146 100
 148 65.9 50.6 76.0
 111 43.7 33.7 50.5



#14
 1,2-Dichlorobenzene
 Concen: 36.51 ng
 RT: 7.72 min Scan# 537
 Delta R.T. -0.00 min
 Lab File: BF089565.D
 Acq: 3 Aug 2016 17:48

Tgt Ion:146 Resp: 121807
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.4 77.0
 111 45.7 36.6 55.0





#15

Benzyl Alcohol

Concen: 40.38 ng

RT: 7.76 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF089565.D

Acq: 3 Aug 2016 17:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

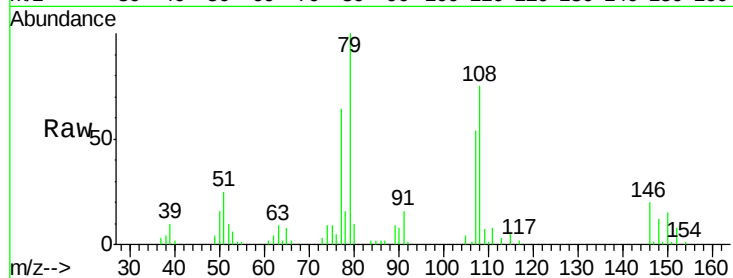
Tot Ion: 79 Resp: 86237

Ion Ratio Lower Upper

79 100

108 75.1 60.6 90.8

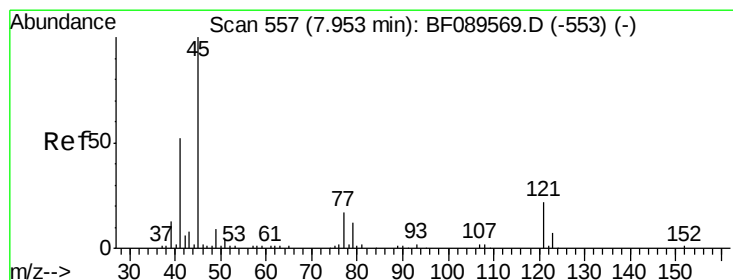
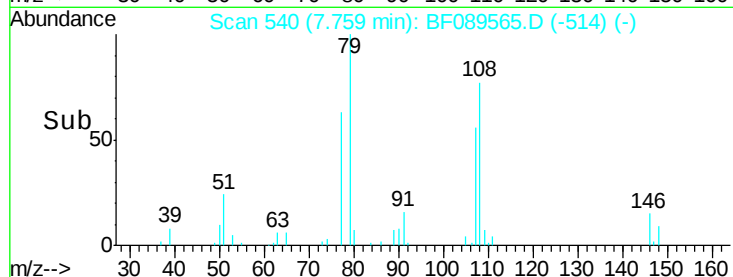
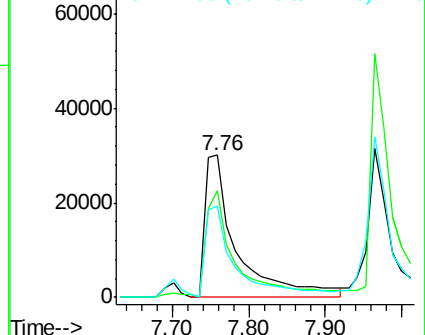
77 64.5 50.0 75.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.44 ng

RT: 7.96 min Scan# 558

Delta R.T. 0.01 min

Lab File: BF089565.D

Acq: 3 Aug 2016 17:48

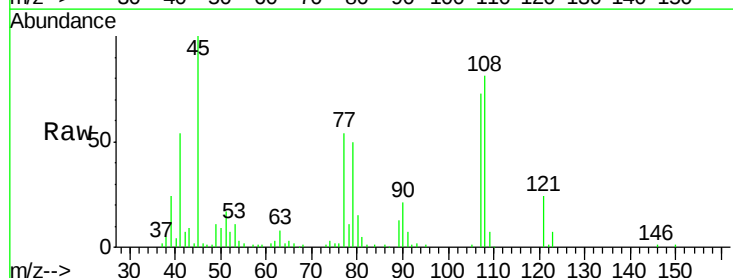
Tgt Ion: 45 Resp: 141076

Ion Ratio Lower Upper

45 100

77 53.6 0.0 38.9#

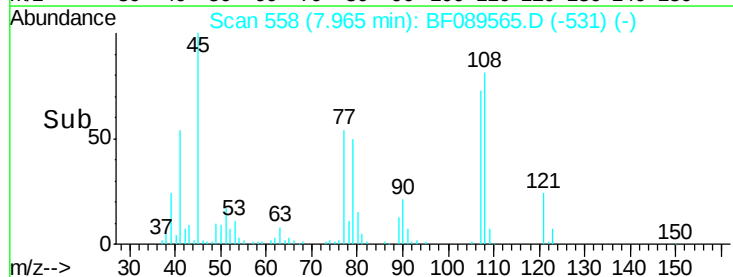
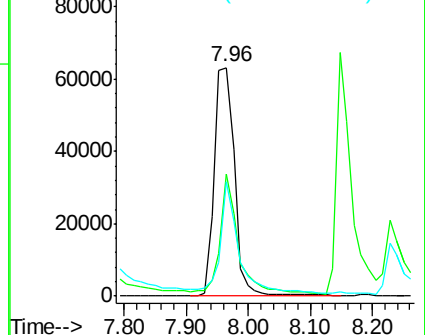
79 49.9 0.0 35.2#

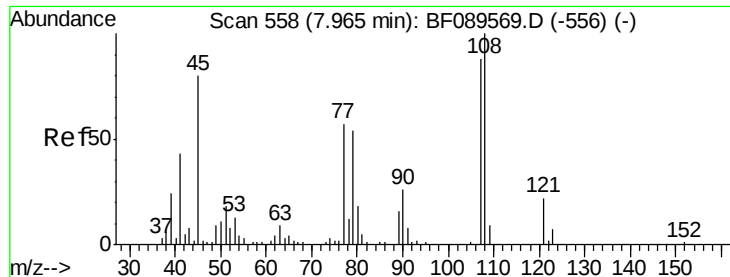


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

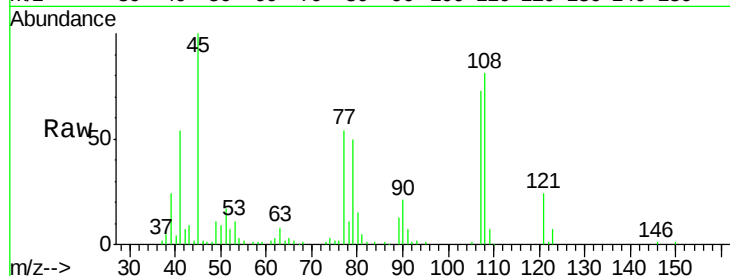




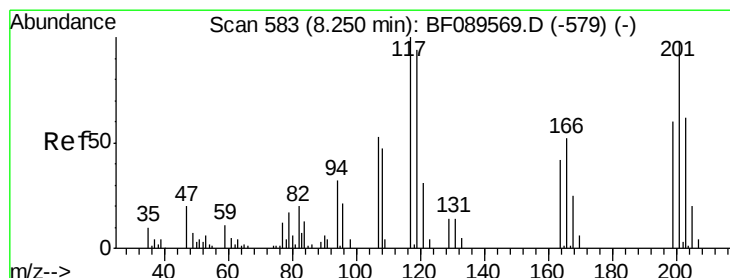
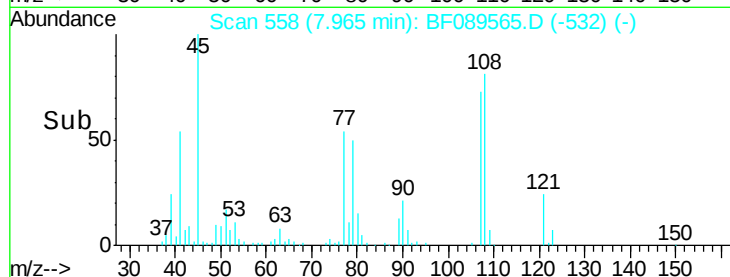
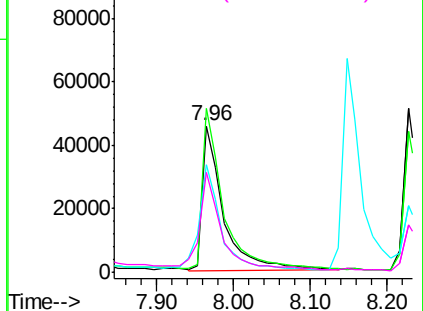
#17
2-Methylphenol
Concen: 39.96 ng
RT: 7.96 min Scan# 558
Delta R.T. -0.00 min
Lab File: BF089565.D
Acq: 3 Aug 2016 17:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:107 Resp: 85812
Ion Ratio Lower Upper
107 100
108 111.6 91.3 136.9
77 73.4 58.1 87.1
79 68.3 54.8 82.2

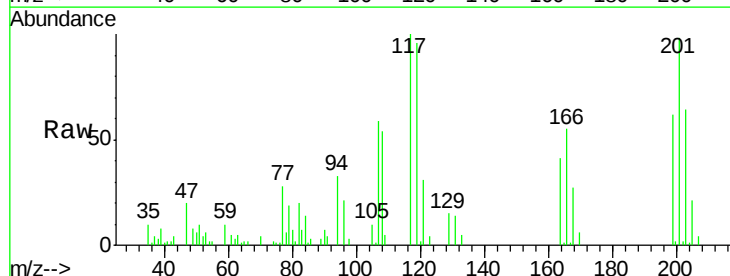


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

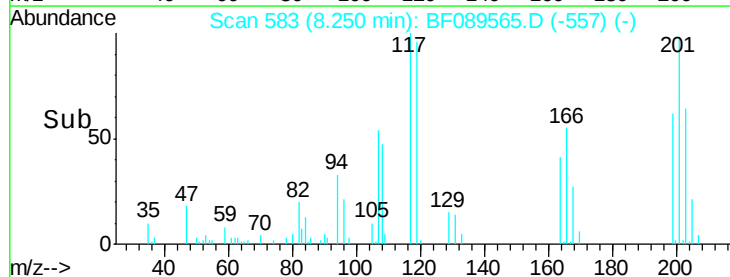
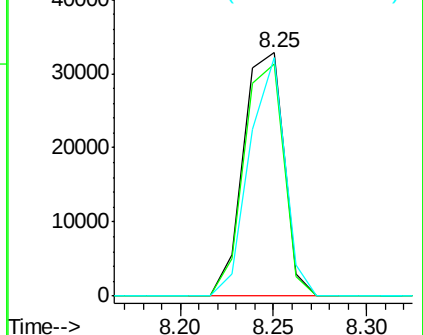


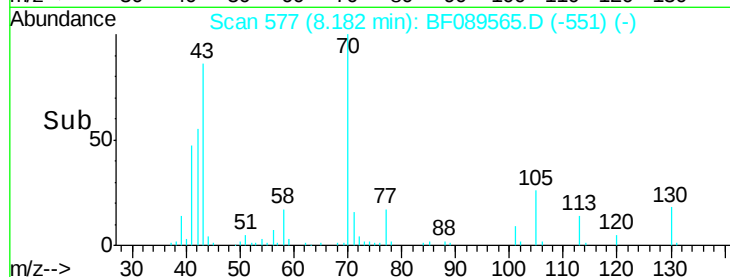
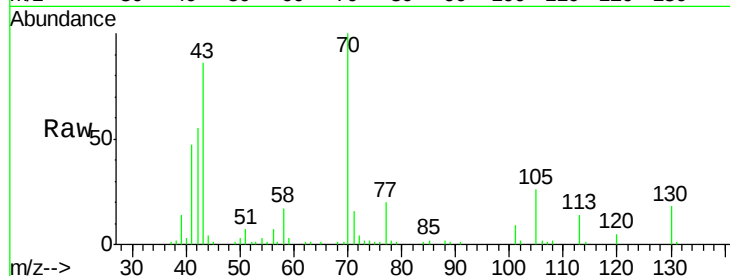
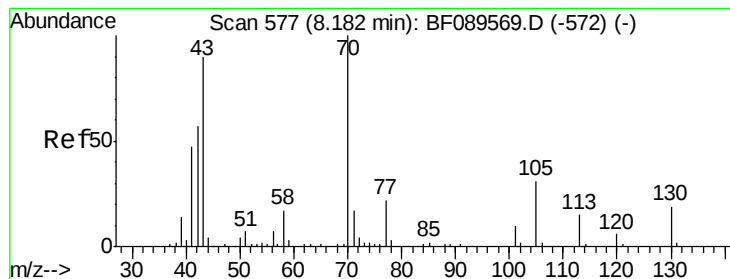
#18
Hexachloroethane
Concen: 36.60 ng
RT: 8.25 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF089565.D
Acq: 3 Aug 2016 17:48

Tgt Ion:117 Resp: 49413
Ion Ratio Lower Upper
117 100
119 95.5 75.5 113.3
201 98.2 78.8 118.2



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 71.56 ng

RT: 8.18 min Scan# 577

Delta R.T. -0.00 min

Lab File: BF089565.D

Acq: 3 Aug 2016 17:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 87558

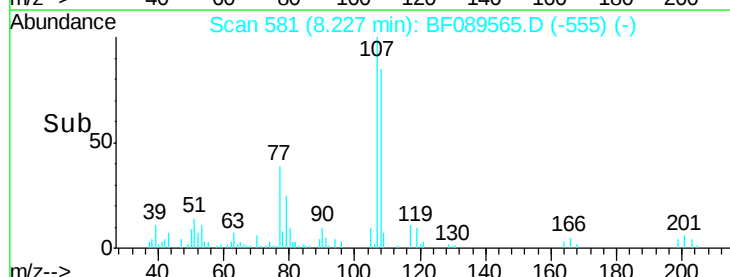
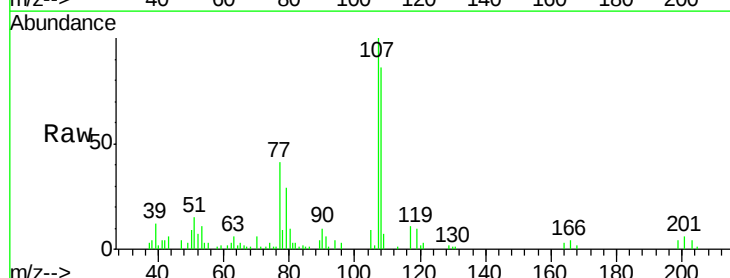
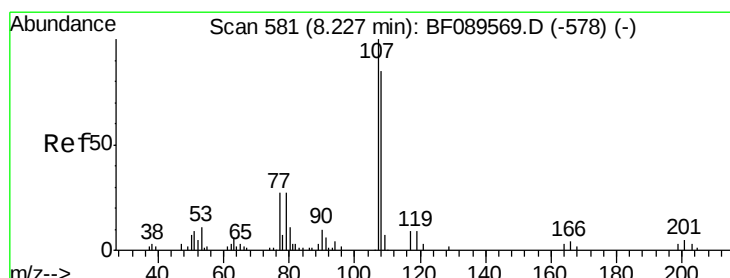
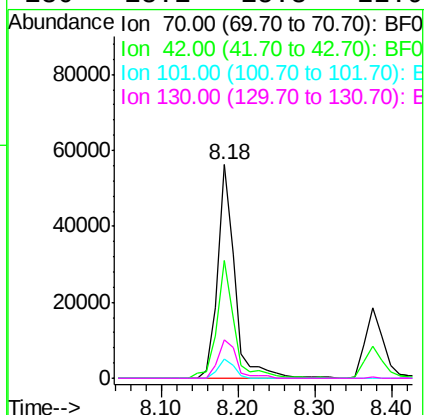
Ion Ratio Lower Upper

70 100

42 55.2 45.5 68.3

101 9.3 7.7 11.5

130 18.1 15.3 22.9



#20

3+4-Methylphenols

Concen: 37.34 ng

RT: 8.23 min Scan# 581

Delta R.T. -0.00 min

Lab File: BF089565.D

Acq: 3 Aug 2016 17:48

Tgt Ion:107 Resp: 104980

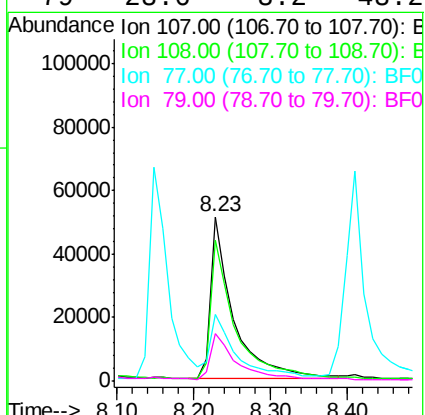
Ion Ratio Lower Upper

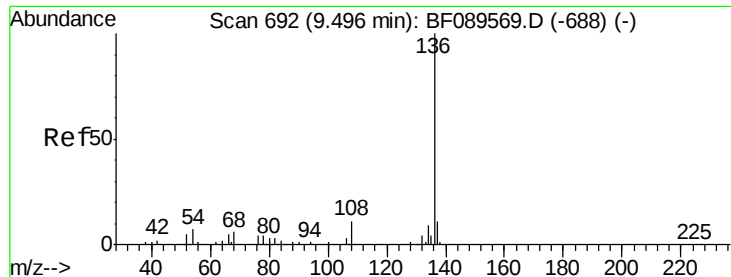
107 100

108 86.1 65.6 105.6

77 40.9 20.1 60.1

79 28.6 8.2 48.2

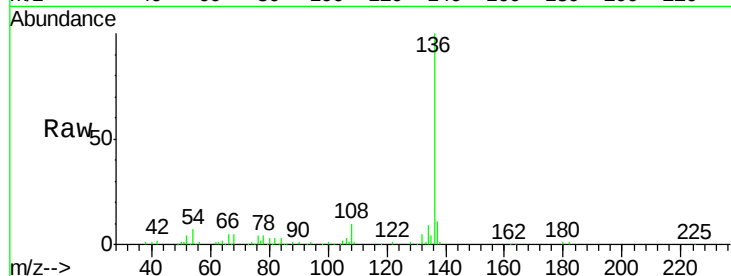




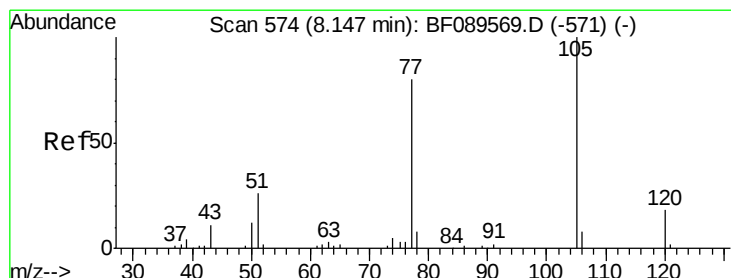
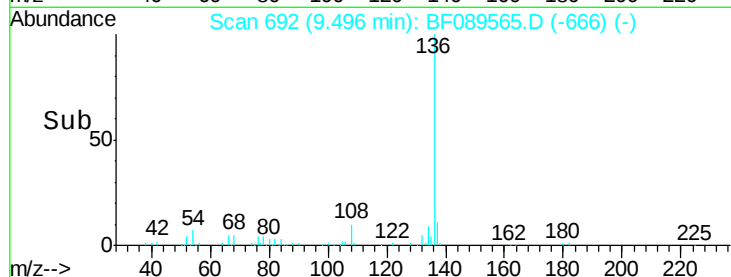
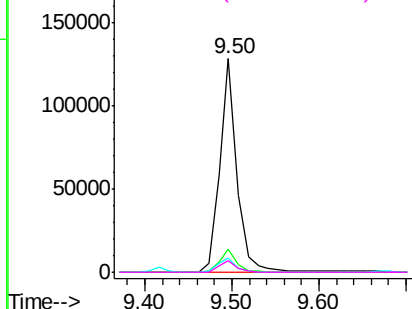
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.50 min Scan# 692
Delta R.T. -0.00 min
Lab File: BF089565.D
Acq: 3 Aug 2016 17:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:136	Resp:	178521
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.8 13.2
54	6.9	5.9 8.9
68	5.3	4.5 6.7

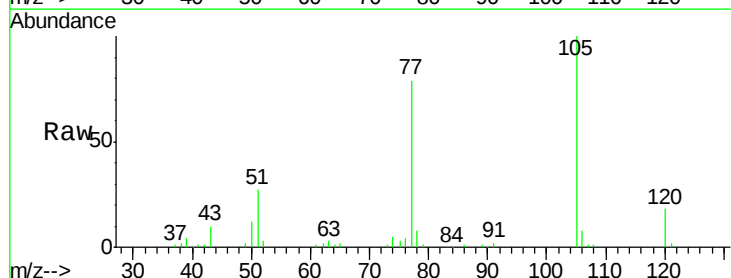


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

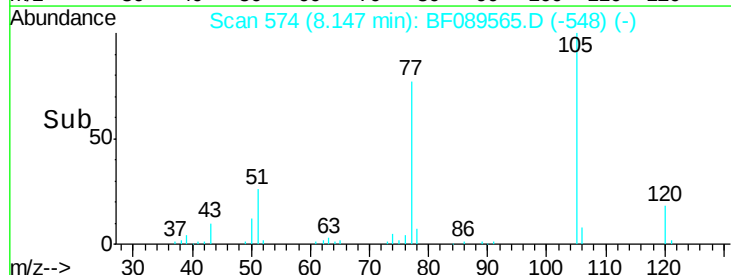
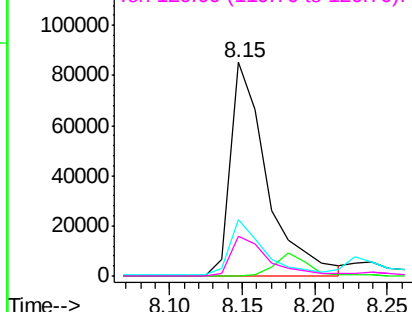


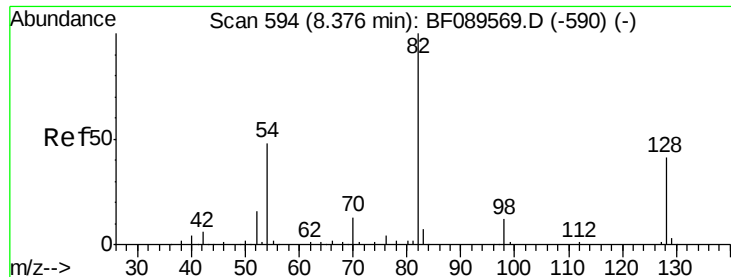
#22
Acetophenone
Concen: 35.19 ng
RT: 8.15 min Scan# 574
Delta R.T. -0.00 min
Lab File: BF089565.D
Acq: 3 Aug 2016 17:48

Tgt Ion:105	Resp:	149139
Ion Ratio	Lower	Upper
105	100	
71	0.0	0.0 0.0
51	26.7	21.1 31.7
120	18.4	14.7 22.1



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

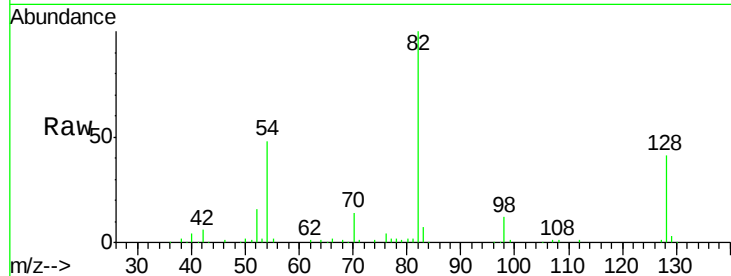




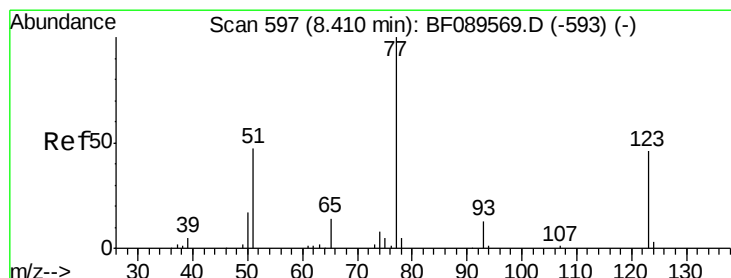
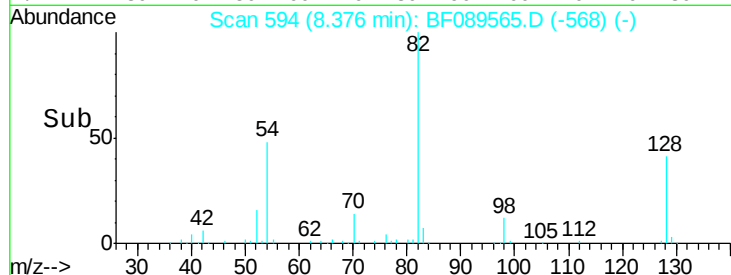
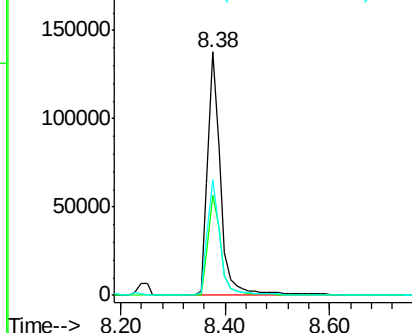
#23
 Nitrobenzene-d5
 Concen: 73.73 ng
 RT: 8.38 min Scan# 594
 Delta R.T. -0.00 min
 Lab File: BF089565.D
 Acq: 3 Aug 2016 17:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 237928
 Ion Ratio Lower Upper
 82 100
 128 41.4 32.4 48.6
 54 47.7 38.6 58.0

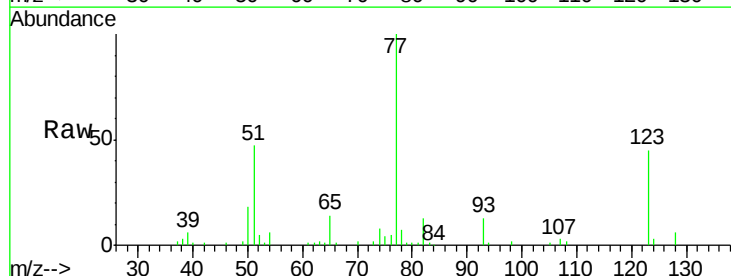


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

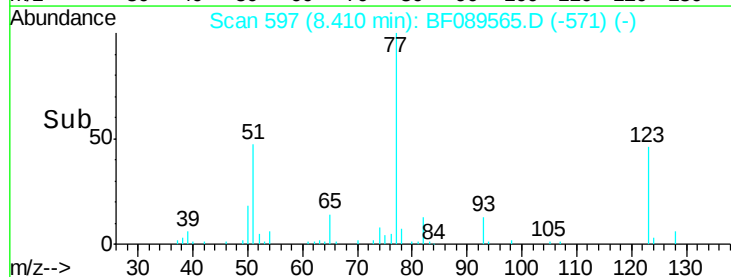
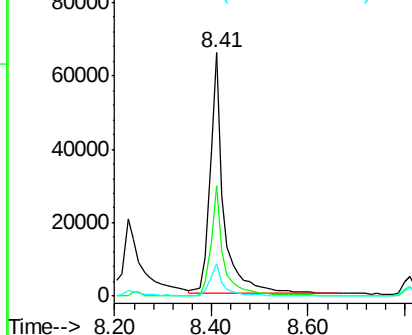


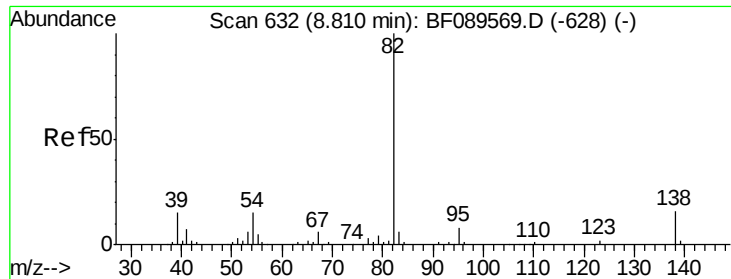
#24
 Nitrobenzene
 Concen: 37.79 ng
 RT: 8.41 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF089565.D
 Acq: 3 Aug 2016 17:48

Tgt Ion: 77 Resp: 126817
 Ion Ratio Lower Upper
 77 100
 123 45.5 36.2 54.2
 65 13.6 10.7 16.1



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





#25

Isophorone

Concen: 38.97 ng

RT: 8.81 min Scan# 632

Delta R.T. -0.00 min

Lab File: BF089565.D

Acq: 3 Aug 2016 17:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

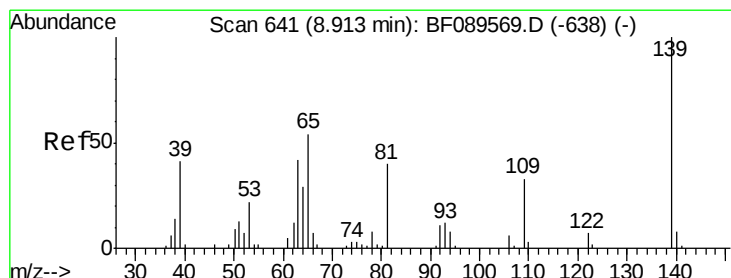
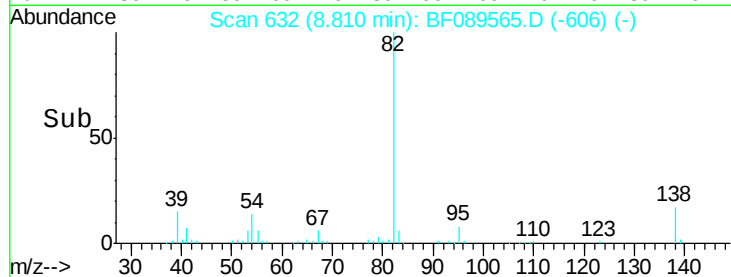
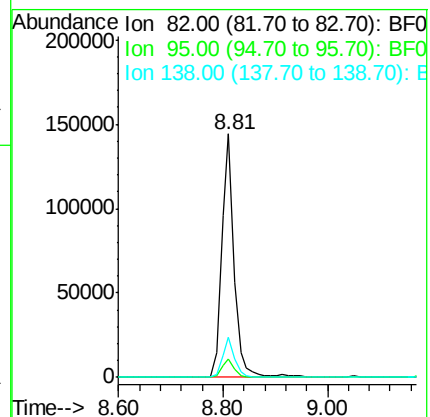
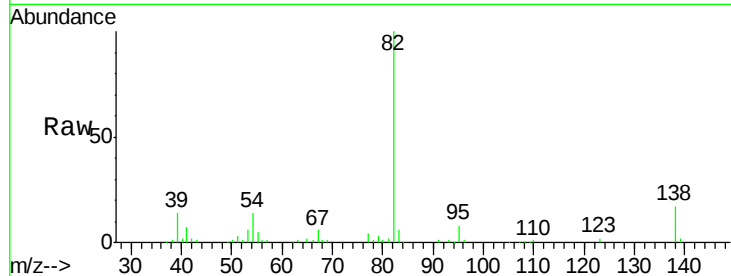
Tot Ion: 82 Resp: 238761

Ion Ratio Lower Upper

82 100

95 7.7 6.1 9.1

138 16.7 13.0 19.4



#26

2-Nitrophenol

Concen: 38.24 ng

RT: 8.91 min Scan# 641

Delta R.T. -0.00 min

Lab File: BF089565.D

Acq: 3 Aug 2016 17:48

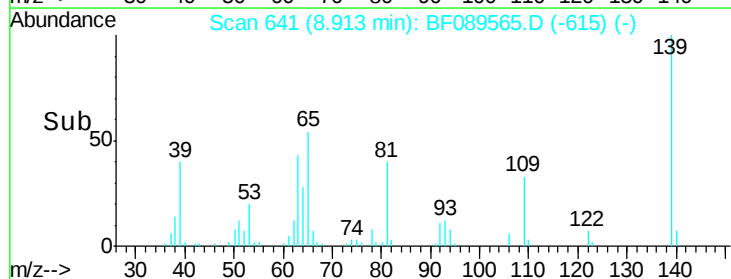
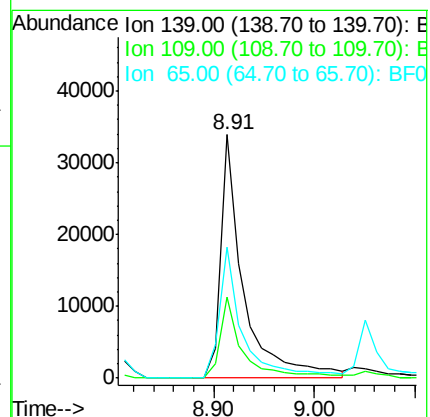
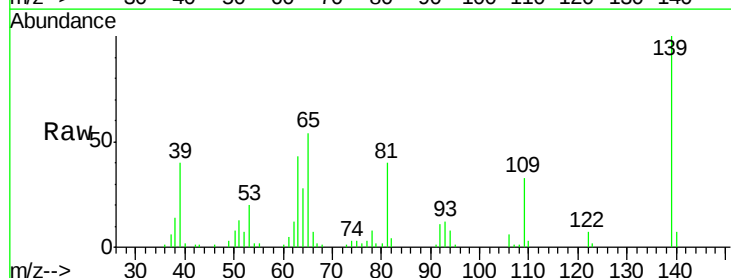
Tgt Ion: 139 Resp: 53491

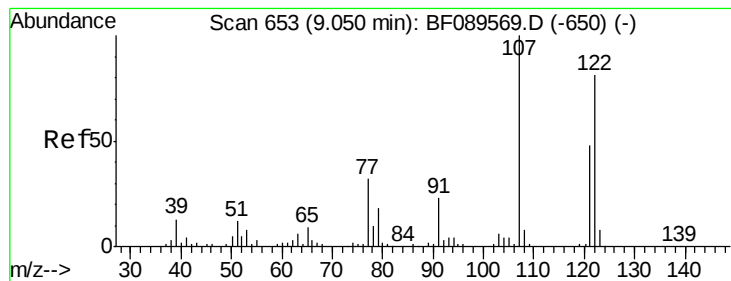
Ion Ratio Lower Upper

139 100

109 33.2 26.7 40.1

65 53.8 43.3 64.9





#27

2,4-Dimethylphenol

Concen: 39.53 ng

RT: 9.05 min Scan# 653

Delta R.T. -0.00 min

Lab File: BF089565.D

Acq: 3 Aug 2016 17:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

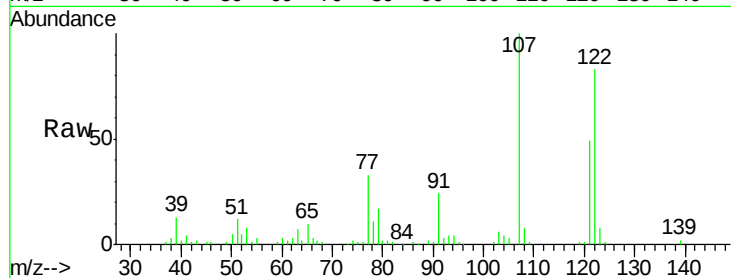
Tot Ion:122 Resp: 99099

Ion Ratio Lower Upper

122 100

107 121.2 99.3 148.9

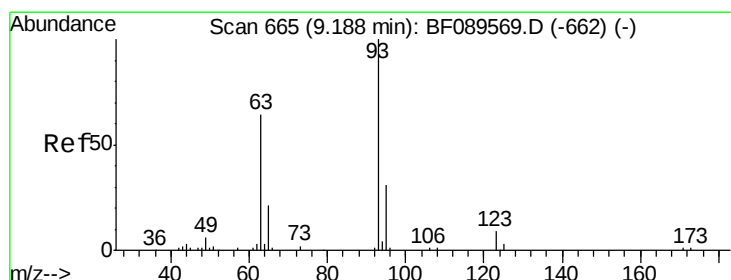
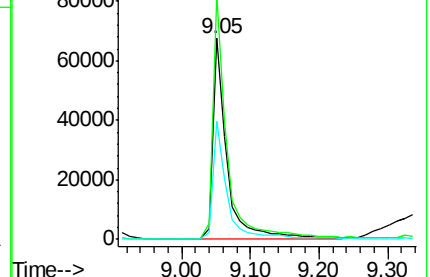
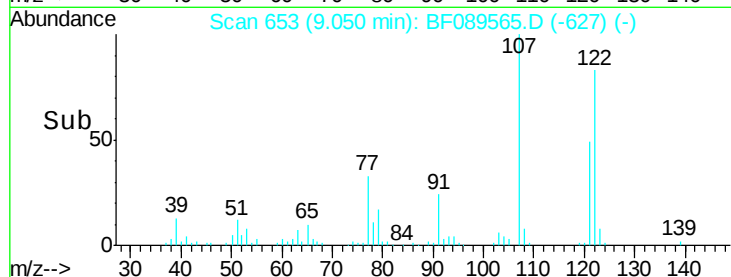
121 58.9 47.8 71.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 36.09 ng

RT: 9.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BF089565.D

Acq: 3 Aug 2016 17:48

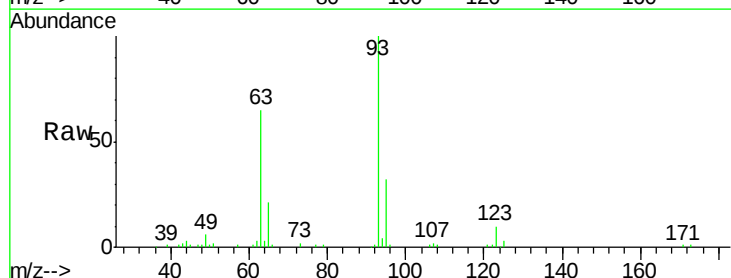
Tgt Ion: 93 Resp: 132460

Ion Ratio Lower Upper

93 100

95 32.0 25.0 37.6

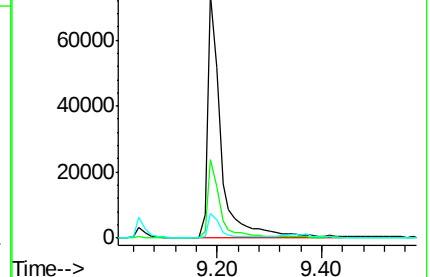
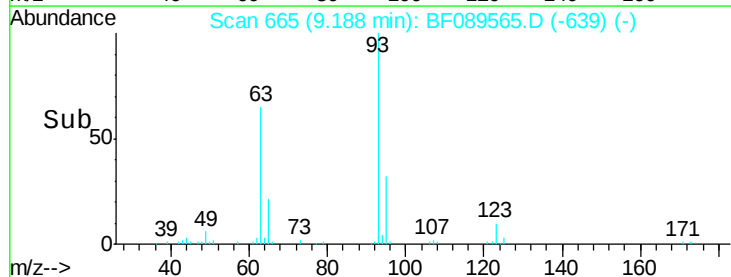
123 10.0 7.4 11.2

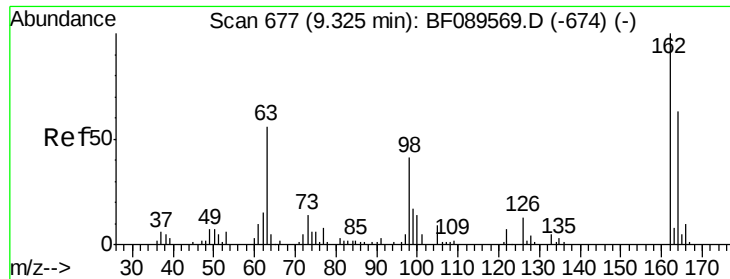


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

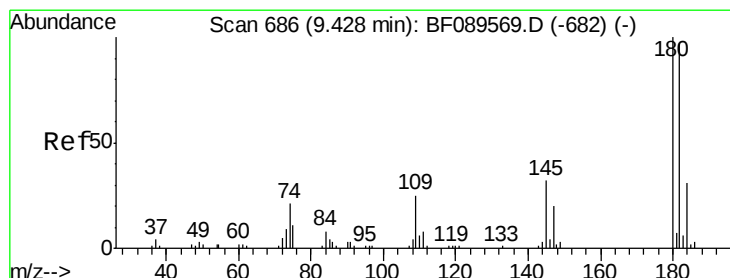
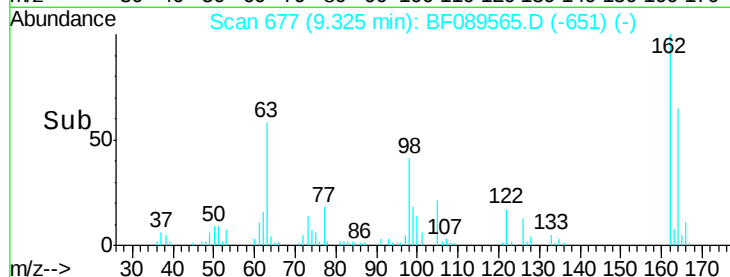
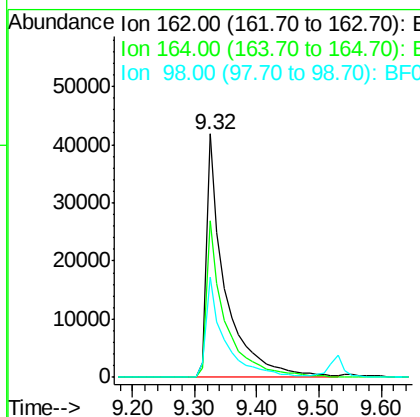
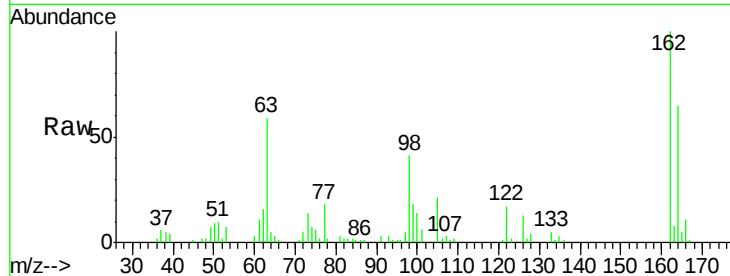




#29
 2,4-Dichlorophenol
 Concen: 36.75 ng
 RT: 9.32 min Scan# 677
 Delta R.T. -0.00 min
 Lab File: BF089565.D
 Acq: 3 Aug 2016 17:48

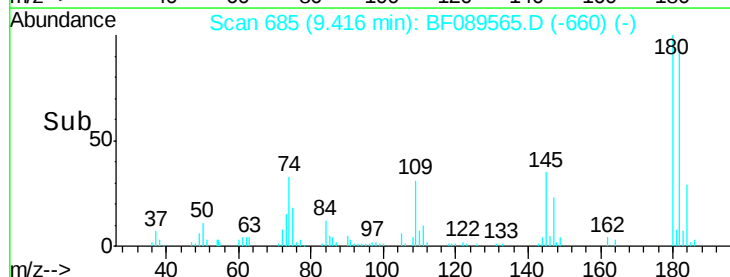
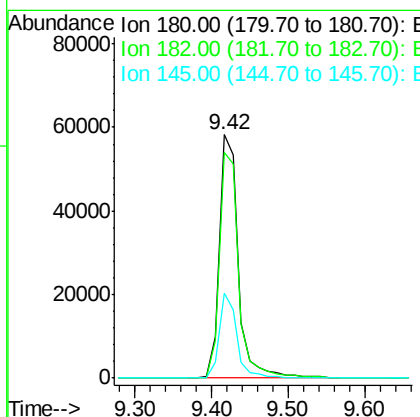
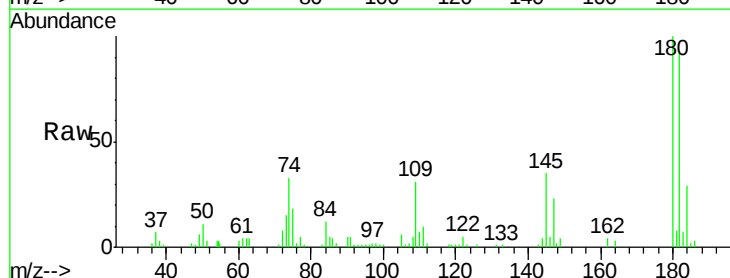
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

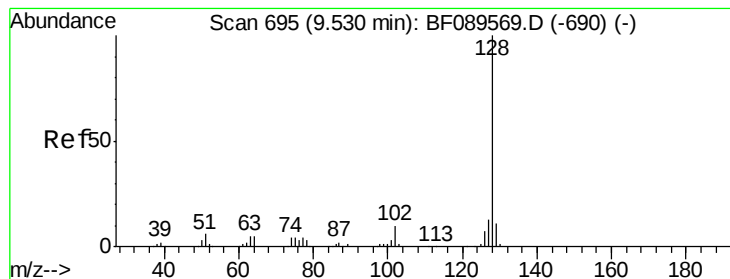
Tot Ion:162 Resp: 86663
 Ion Ratio Lower Upper
 162 100
 164 64.5 43.1 83.1
 98 41.4 20.7 60.7



#30
 1,2,4-Trichlorobenzene
 Concen: 37.43 ng
 RT: 9.42 min Scan# 685
 Delta R.T. -0.01 min
 Lab File: BF089565.D
 Acq: 3 Aug 2016 17:48

Tgt Ion:180 Resp: 100875
 Ion Ratio Lower Upper
 180 100
 182 92.5 77.2 115.8
 145 35.1 25.3 37.9





#31

Naphthalene

Concen: 36.28 ng

RT: 9.53 min Scan# 695

Delta R.T. -0.00 min

Lab File: BF089565.D

Acq: 3 Aug 2016 17:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

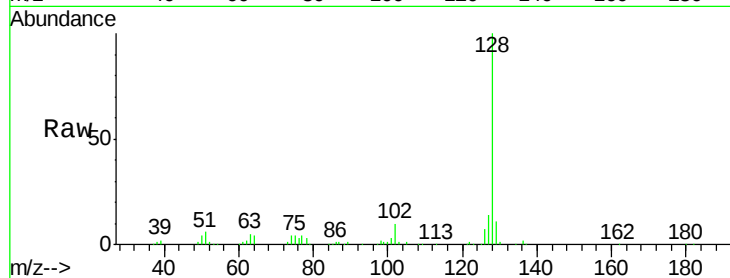
Tot Ion:128 Resp: 344363

Ion Ratio Lower Upper

128 100

129 10.7 8.8 13.2

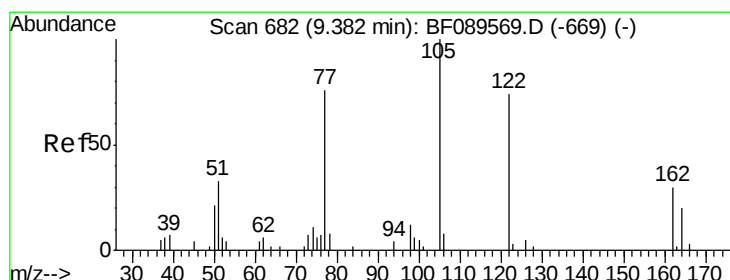
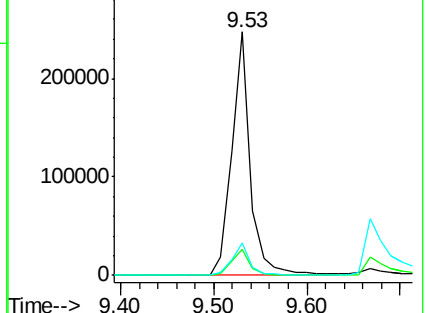
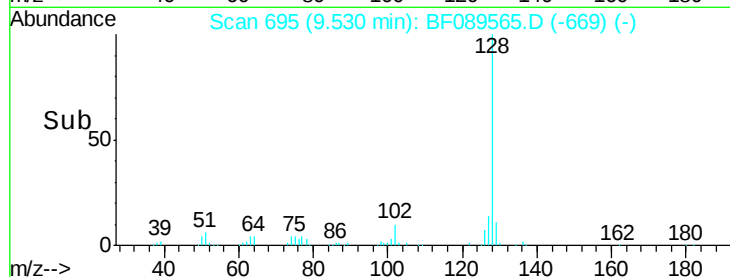
127 13.6 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 35.67 ng

RT: 9.37 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF089565.D

Acq: 3 Aug 2016 17:48

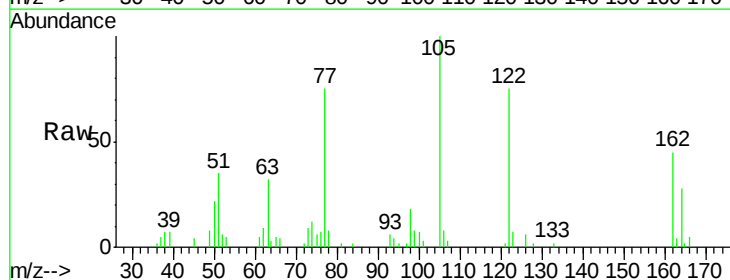
Tgt Ion:122 Resp: 59390

Ion Ratio Lower Upper

122 100

105 134.0 109.8 149.8

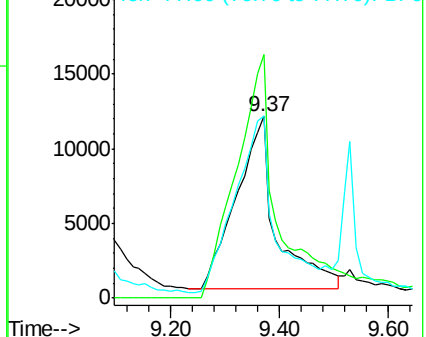
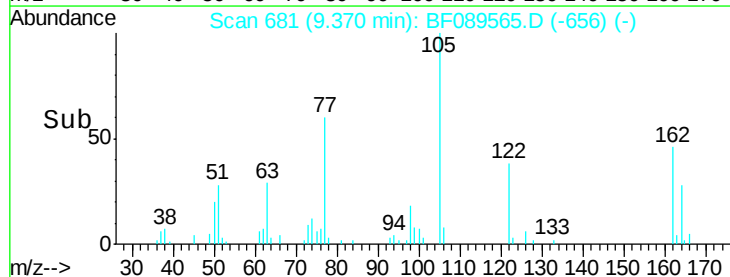
77 100.6 81.8 121.8

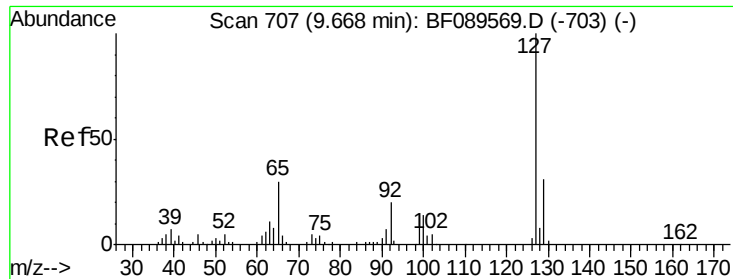


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

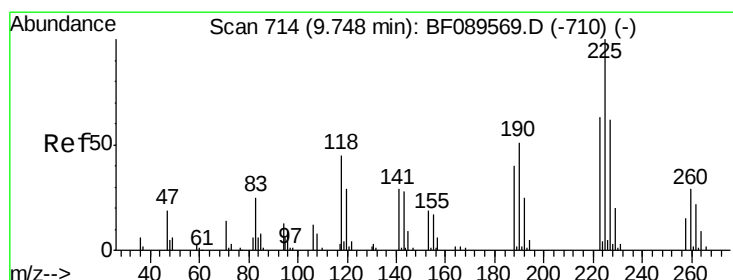
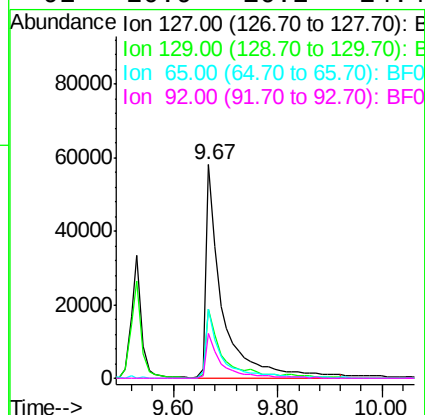
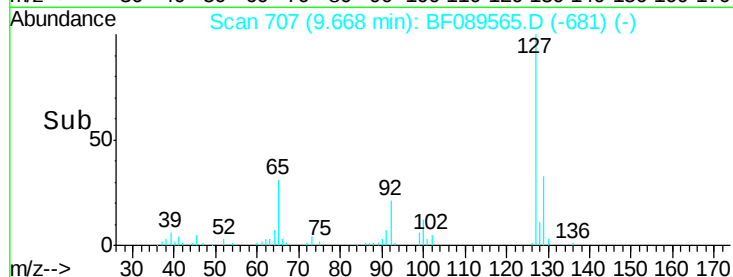
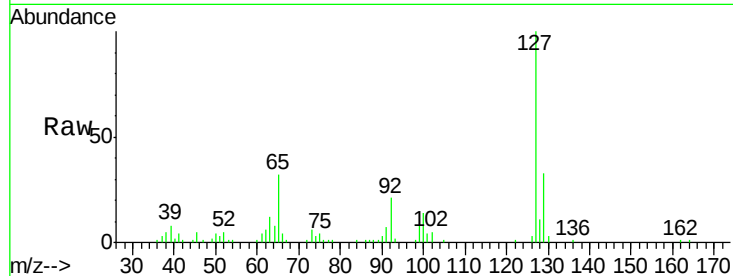




#33
4-Chloroaniline
Concen: 34.54 ng
RT: 9.67 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF089565.D
Acq: 3 Aug 2016 17:48

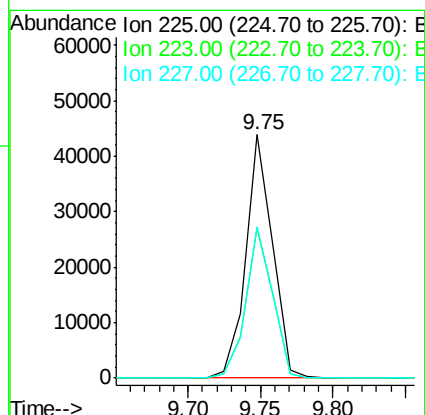
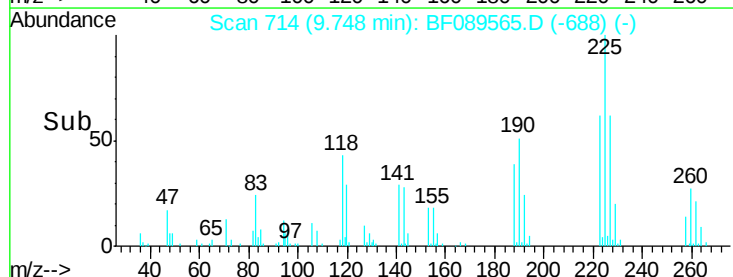
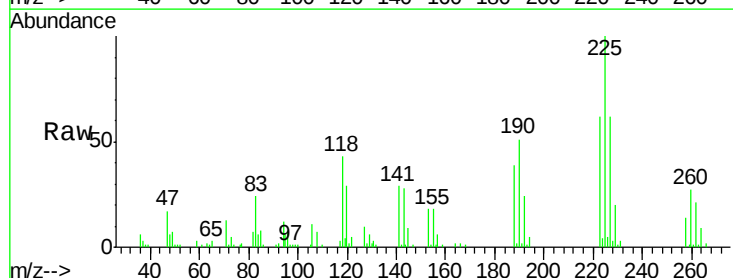
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

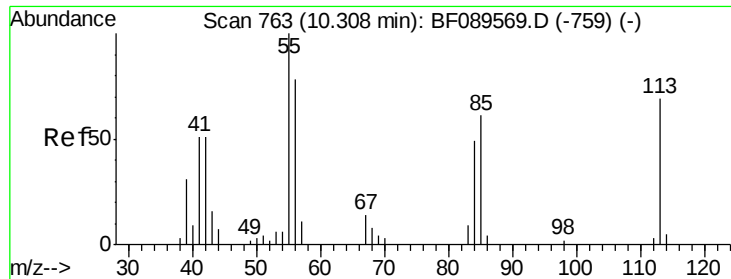
Tot Ion:	127	Resp:	126626
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.0	37.4
65	32.3	24.3	36.5
92	20.9	16.2	24.4



#34
Hexachlorobutadiene
Concen: 35.67 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.00 min
Lab File: BF089565.D
Acq: 3 Aug 2016 17:48

Tgt Ion:	225	Resp:	55773
Ion	Ratio	Lower	Upper
225	100		
223	61.6	50.3	75.5
227	62.2	49.6	74.4





#35

Caprolactam

Concen: 36.37 ng

RT: 10.30 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF089565.D

Acq: 3 Aug 2016 17:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

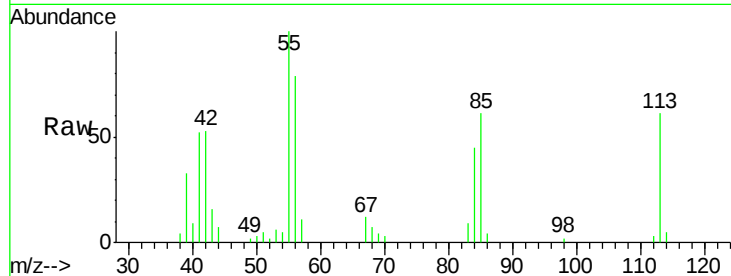
Tot Ion:113 Resp: 25226

Ion Ratio Lower Upper

113 100

55 165.1 124.4 164.4#

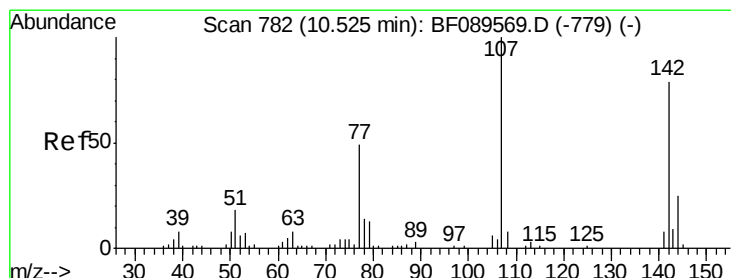
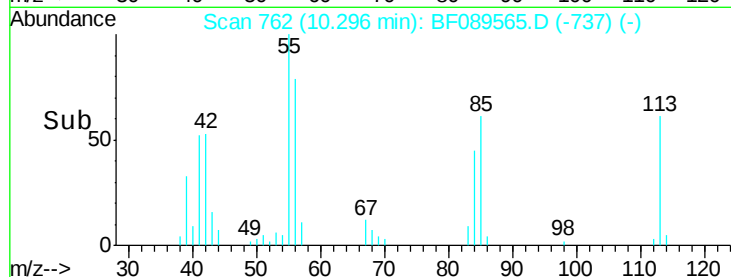
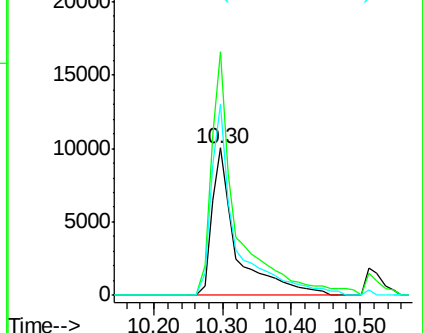
56 130.0 92.2 132.2



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: 39.24 ng

RT: 10.51 min Scan# 781

Delta R.T. -0.01 min

Lab File: BF089565.D

Acq: 3 Aug 2016 17:48

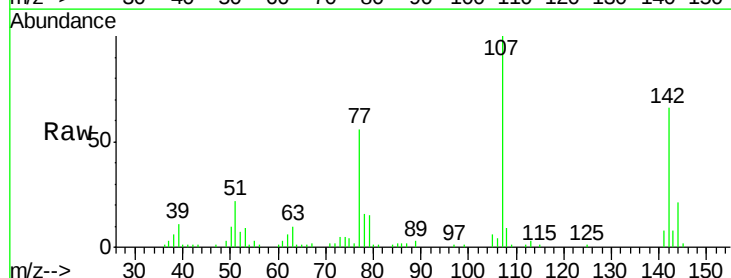
Tgt Ion:107 Resp: 108448

Ion Ratio Lower Upper

107 100

144 20.7 19.9 29.9

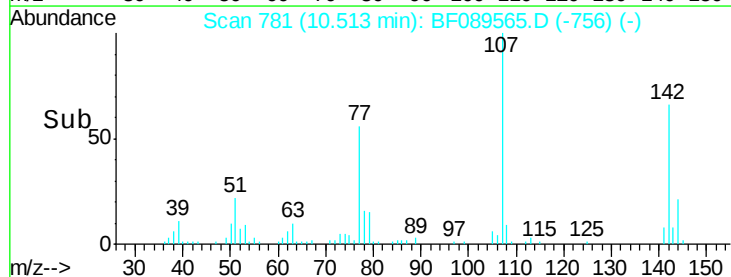
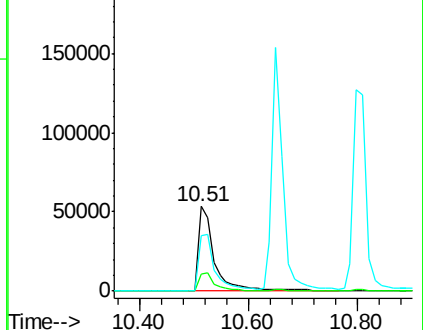
142 66.1 63.0 94.6

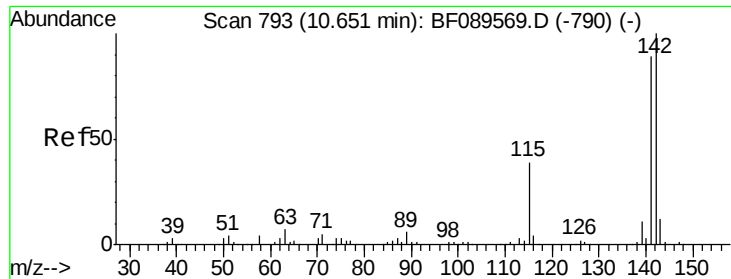


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

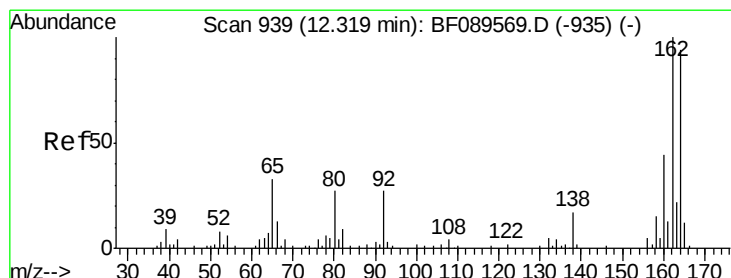
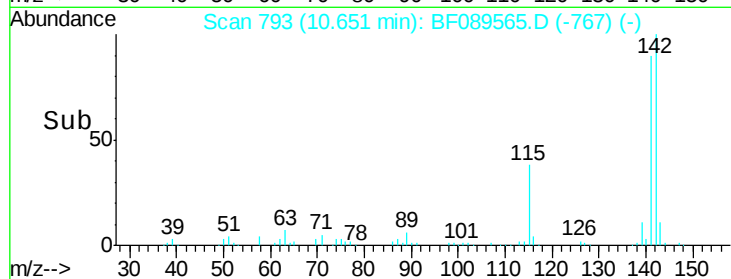
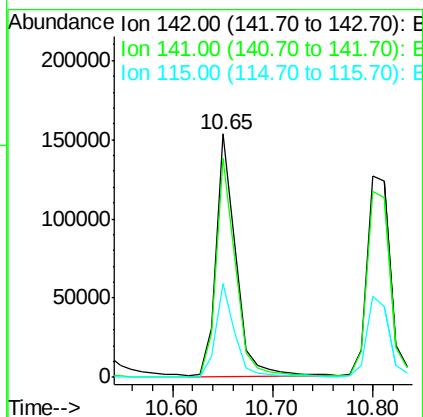
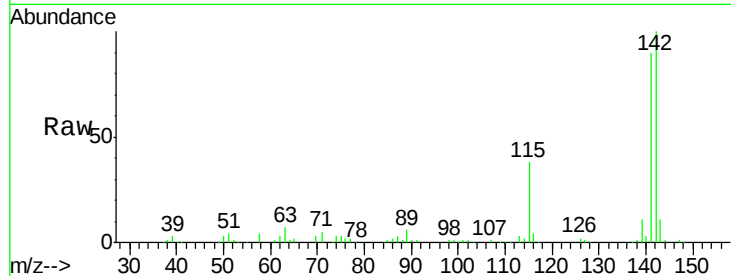




#37
2-Methylnaphthalene
Concen: 35.86 ng
RT: 10.65 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF089565.D
Acq: 3 Aug 2016 17:48

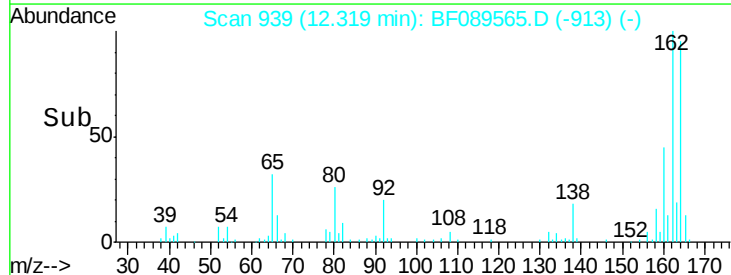
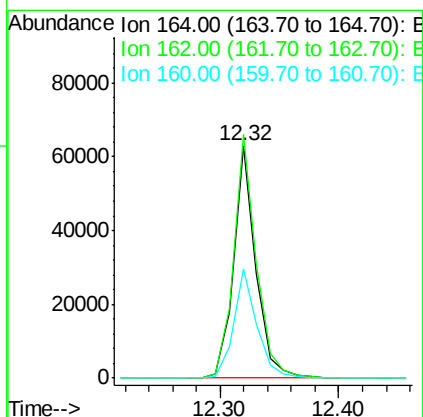
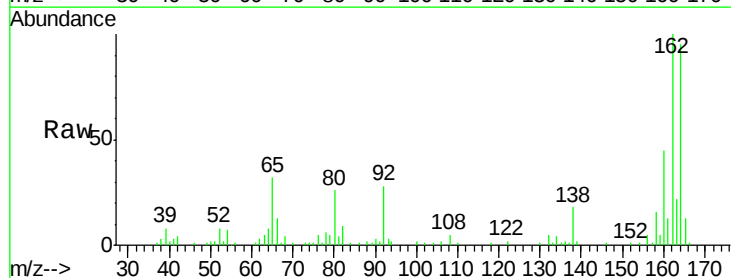
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

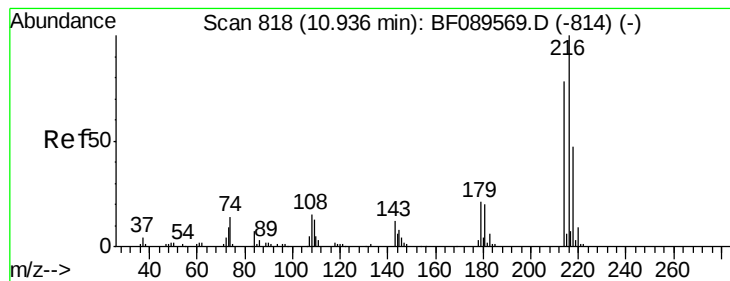
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	70.9	106.3
115	38.3	30.7	46.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.32 min Scan# 939
Delta R.T. -0.00 min
Lab File: BF089565.D
Acq: 3 Aug 2016 17:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	85.4	128.2
160	46.9	37.3	55.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.92 ng

RT: 10.92 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF089565.D

Acq: 3 Aug 2016 17:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 113679

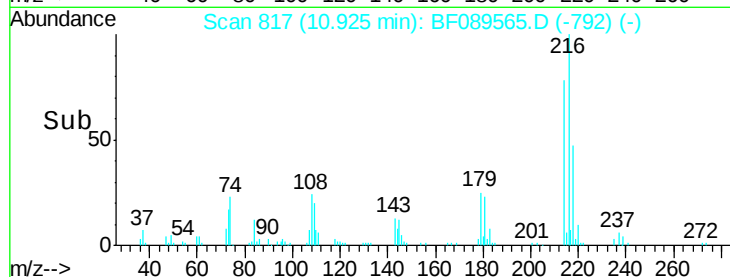
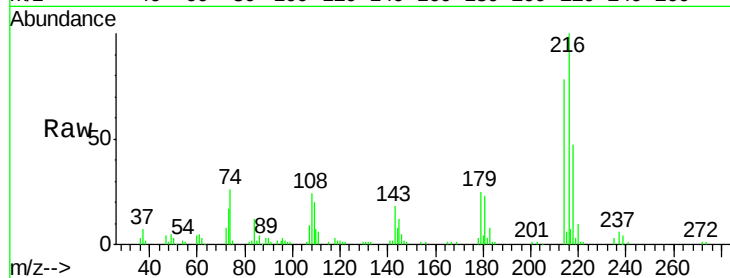
Ion Ratio Lower Upper

216 100

214 78.3 62.5 93.7

179 22.5 18.0 27.0

108 20.5 16.2 24.4

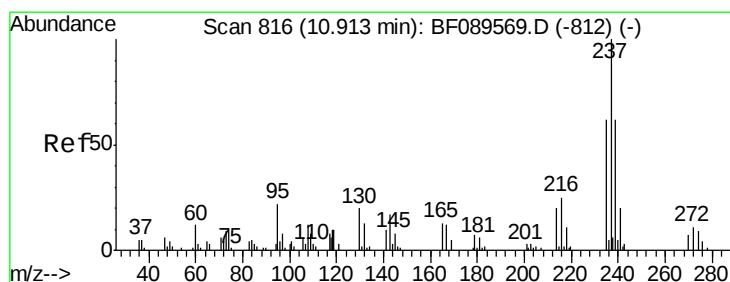
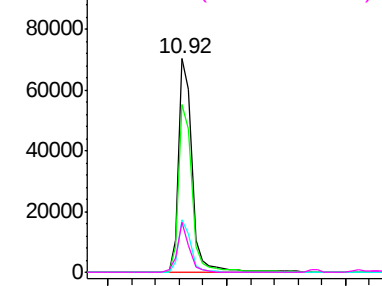


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 32.94 ng

RT: 10.91 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF089565.D

Acq: 3 Aug 2016 17:48

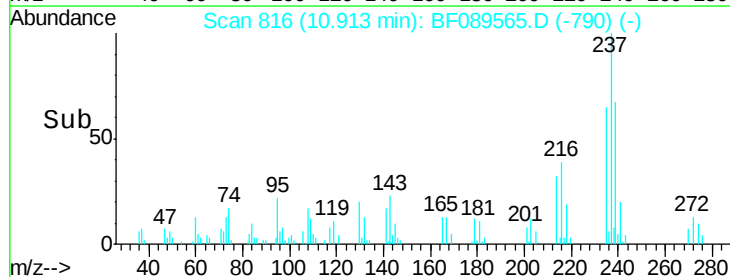
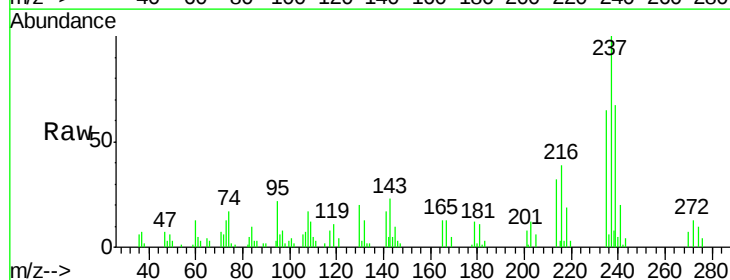
Tgt Ion:237 Resp: 31070

Ion Ratio Lower Upper

237 100

235 65.0 41.5 81.5

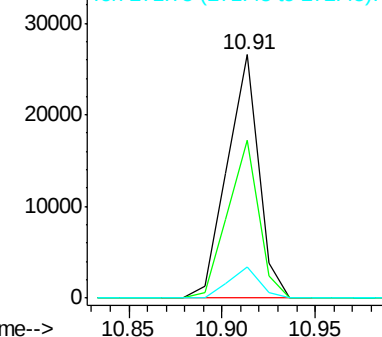
272 12.9 0.0 31.4

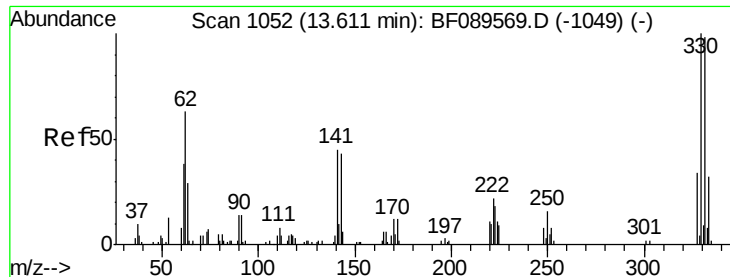


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

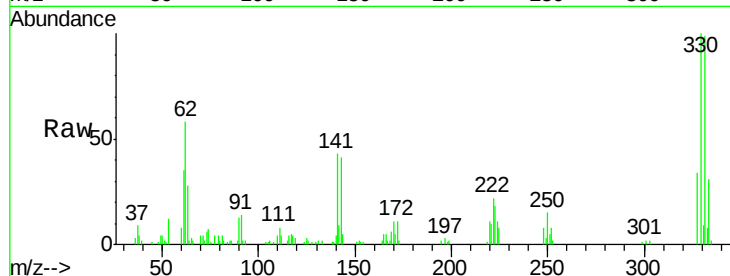




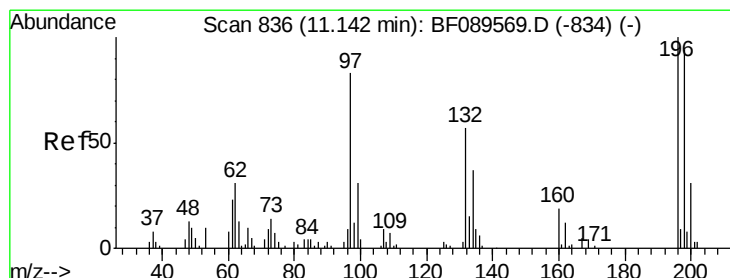
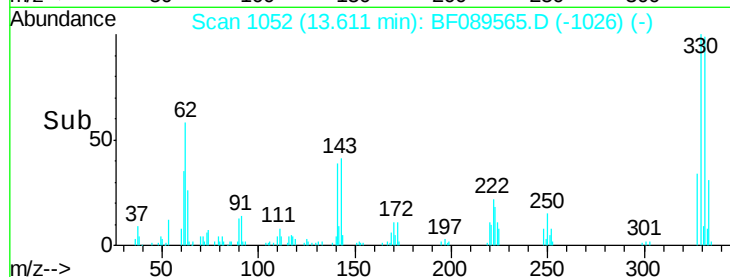
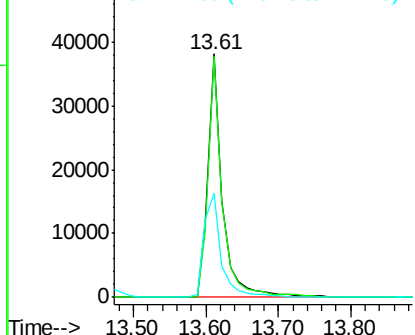
#41
 2,4,6-Tribromophenol
 Concen: 82.70 ng
 RT: 13.61 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: BF089565.D
 Acq: 3 Aug 2016 17:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:330 Resp: 53671
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.7 115.1
 141 49.9 40.3 60.5

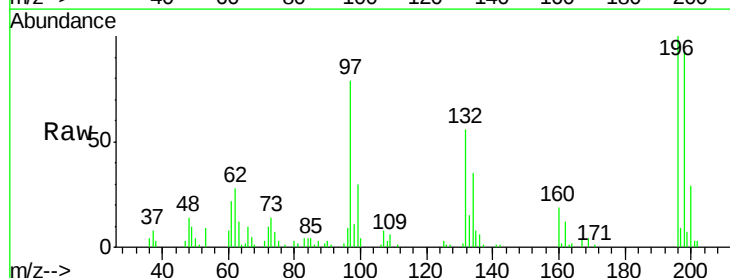


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

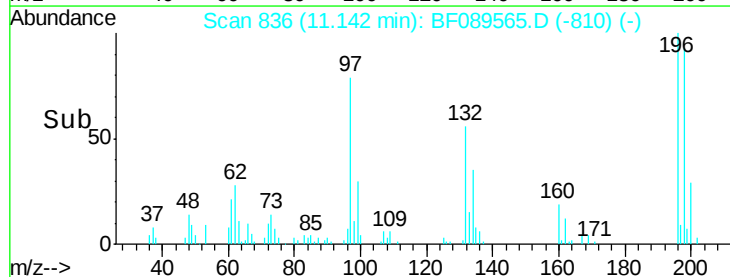
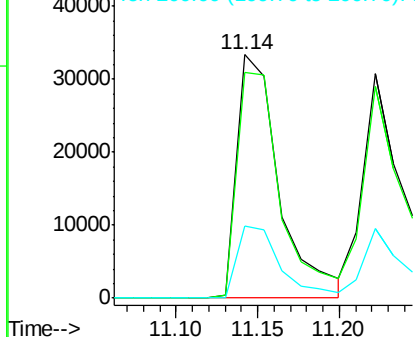


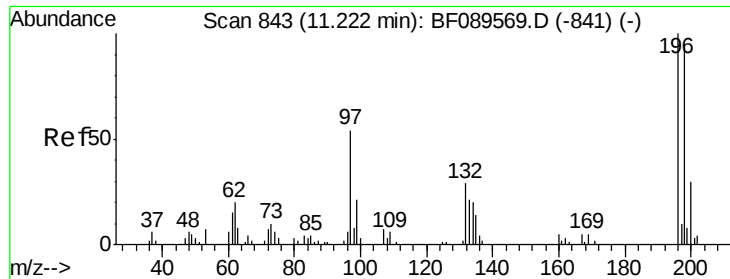
#42
 2,4,6-Trichlorophenol
 Concen: 39.70 ng
 RT: 11.14 min Scan# 836
 Delta R.T. -0.00 min
 Lab File: BF089565.D
 Acq: 3 Aug 2016 17:48

Tgt Ion:196 Resp: 59762
 Ion Ratio Lower Upper
 196 100
 198 93.0 75.5 113.3
 200 29.3 24.9 37.3



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

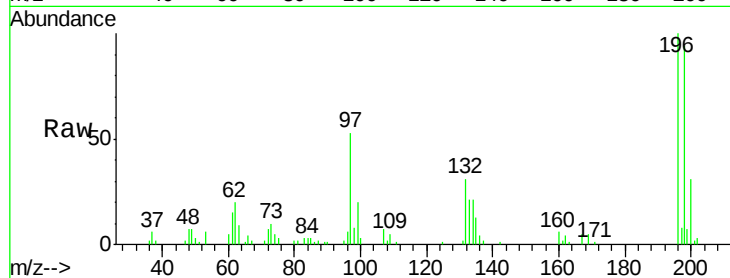




#43
 2,4,5-Trichlorophenol
 Concen: 39.75 ng
 RT: 11.22 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BF089565.D
 Acq: 3 Aug 2016 17:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.0	75.9	113.9
97	53.1	43.9	65.9
132	31.1	24.5	36.7



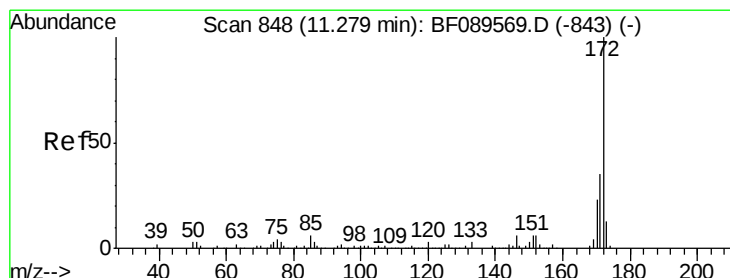
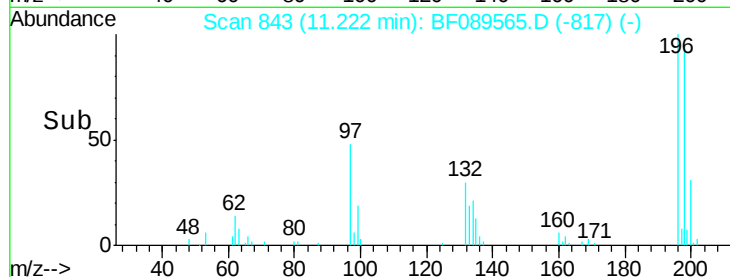
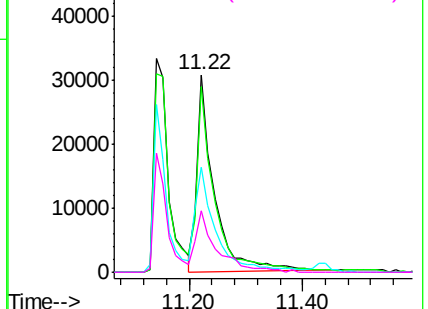
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

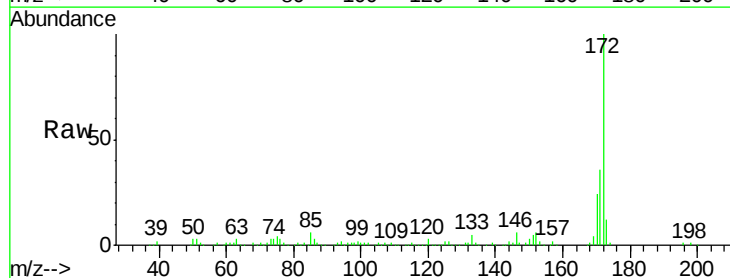
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 74.35 ng
 RT: 11.28 min Scan# 848
 Delta R.T. -0.00 min
 Lab File: BF089565.D
 Acq: 3 Aug 2016 17:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.1	42.1
170	23.5	18.6	28.0

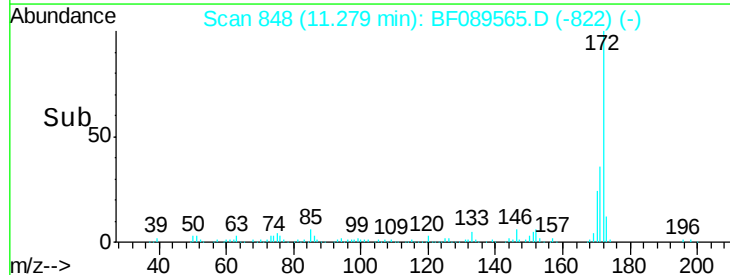
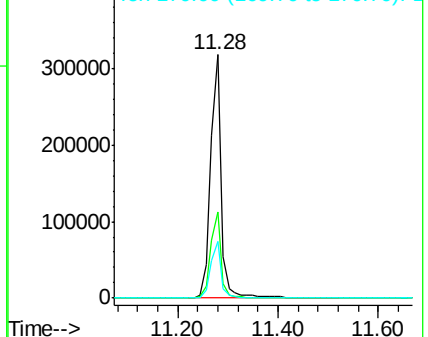


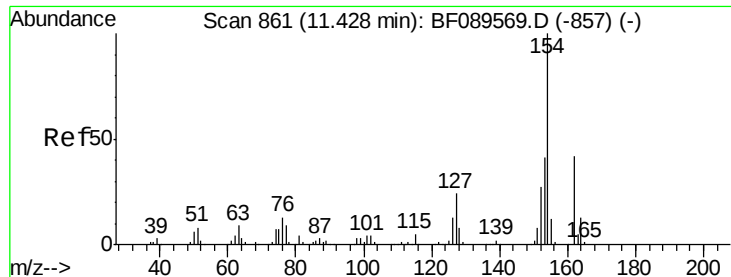
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

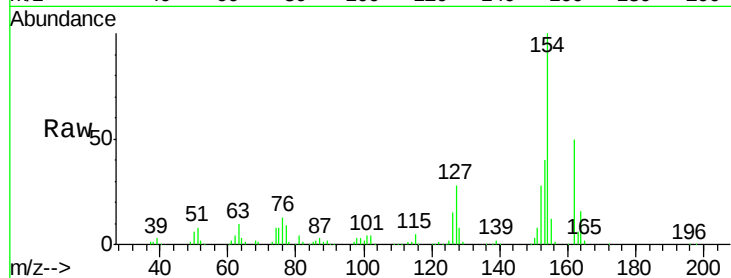




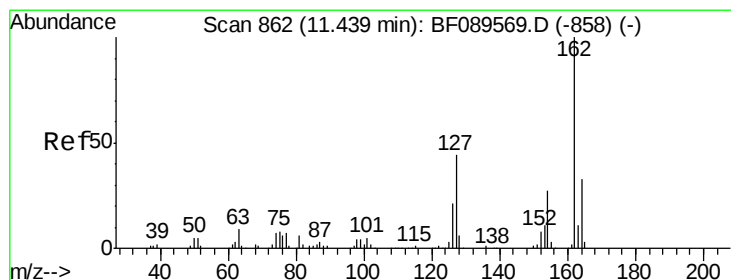
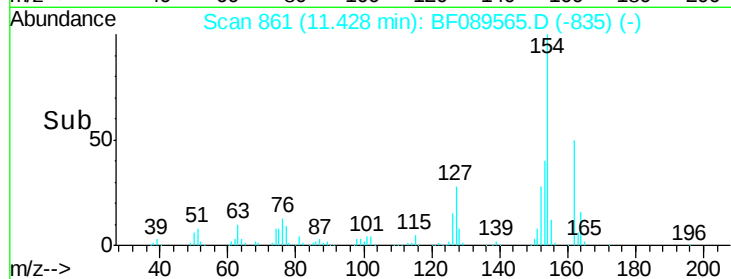
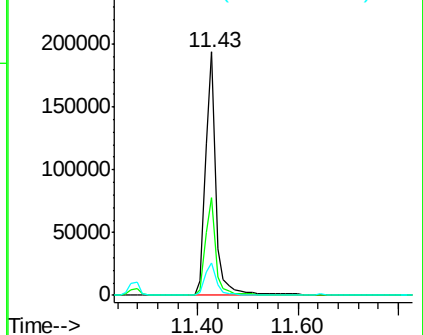
#45
 1,1'-Biphenyl
 Concen: 38.06 ng
 RT: 11.43 min Scan# 861
 Delta R.T. -0.00 min
 Lab File: BF089565.D
 Acq: 3 Aug 2016 17:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.6	60.6
76	13.1	0.0	33.3

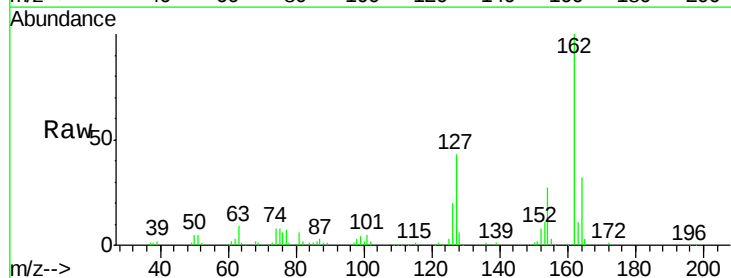


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

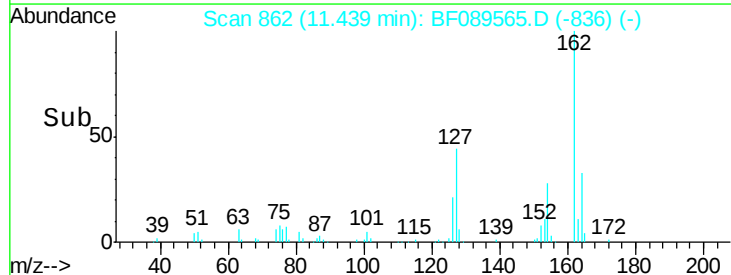
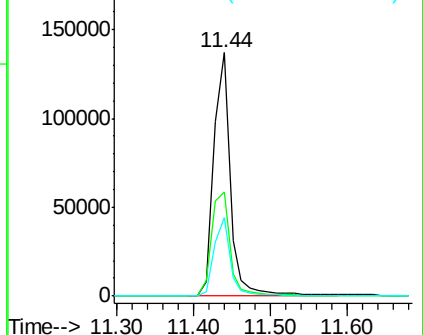


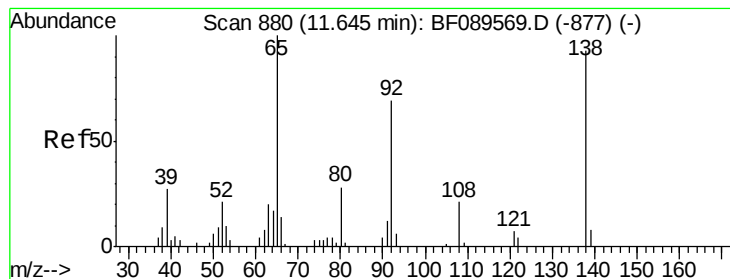
#46
 2-Chloronaphthalene
 Concen: 37.56 ng
 RT: 11.44 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: BF089565.D
 Acq: 3 Aug 2016 17:48

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.6	35.0	52.4
164	32.3	26.2	39.2



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: 35.69 ng

RT: 11.64 min Scan# 880

Delta R.T. -0.00 min

Lab File: BF089565.D

Acq: 3 Aug 2016 17:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

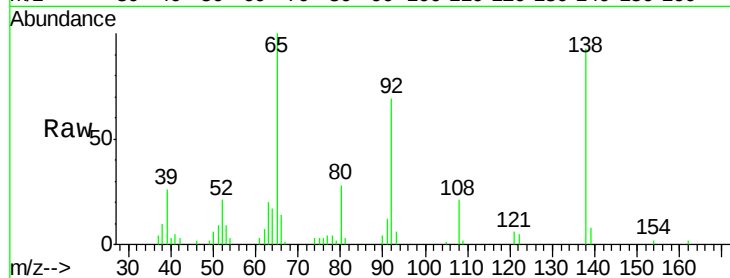
Tot Ion: 65 Resp: 62594

Ion Ratio Lower Upper

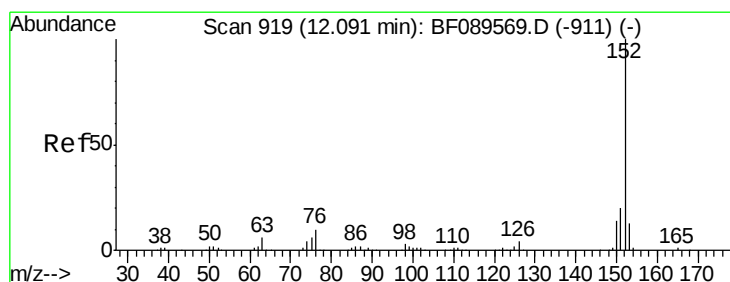
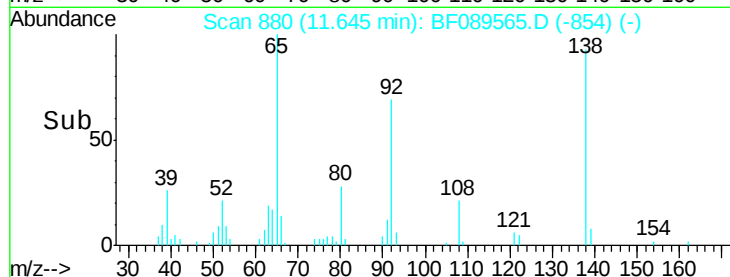
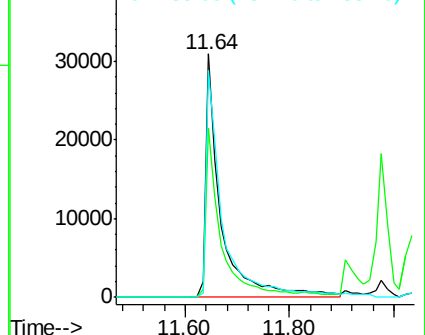
65 100

92 69.4 54.9 82.3

138 93.5 74.0 111.0



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



#48

Acenaphthylene

Concen: 37.58 ng

RT: 12.09 min Scan# 919

Delta R.T. -0.00 min

Lab File: BF089565.D

Acq: 3 Aug 2016 17:48

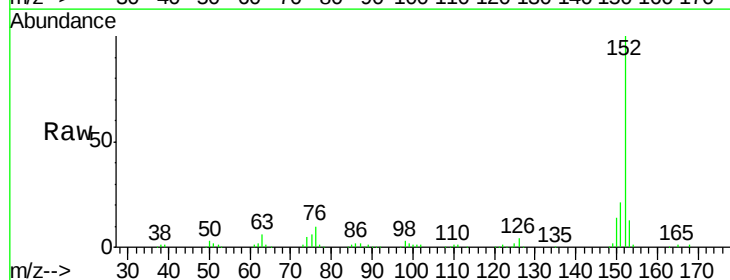
Tgt Ion: 152 Resp: 342533

Ion Ratio Lower Upper

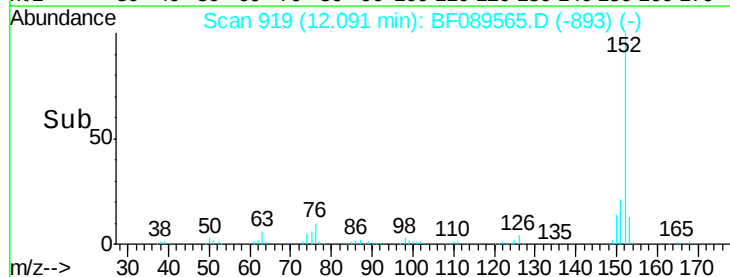
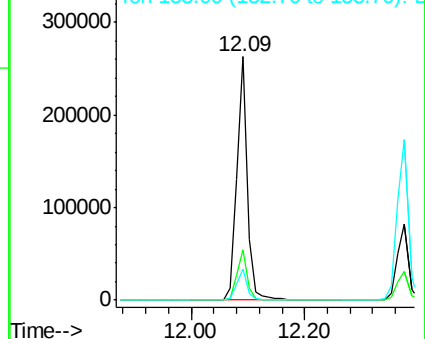
152 100

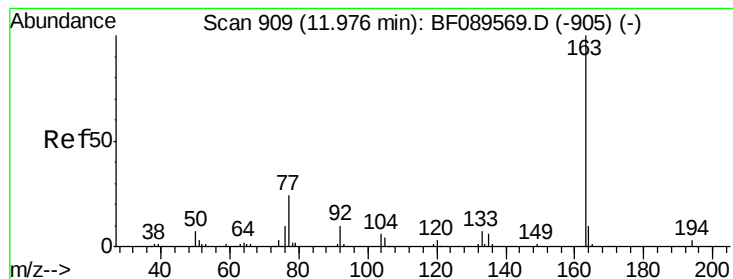
151 20.6 16.3 24.5

153 12.9 10.6 15.8



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





#49

Dimethylphthalate

Concen: 39.36 ng

RT: 11.98 min Scan# 909

Delta R.T. -0.00 min

Lab File: BF089565.D

Acq: 3 Aug 2016 17:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

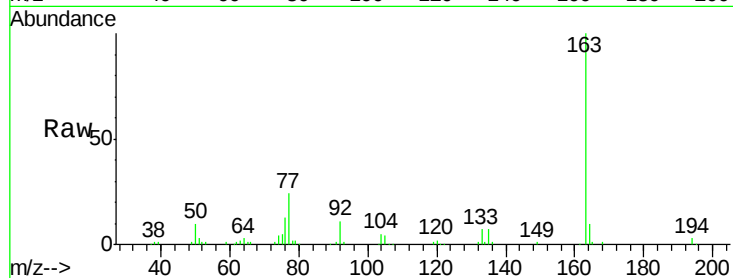
Tot Ion:163 Resp: 246407

Ion Ratio Lower Upper

163 100

194 3.0 2.4 3.6

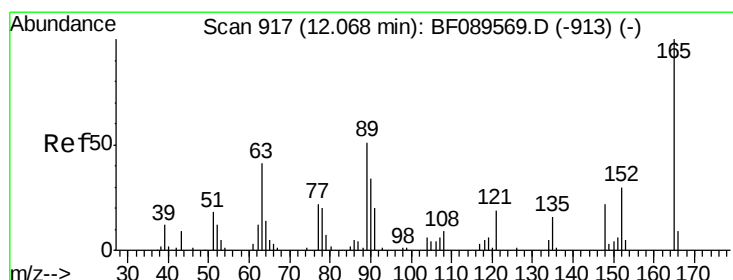
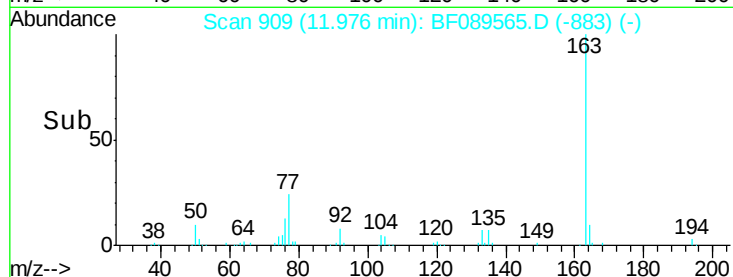
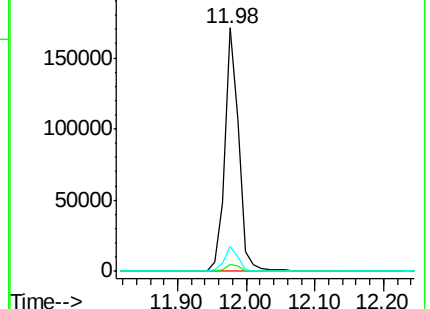
164 10.0 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 39.82 ng

RT: 12.06 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF089565.D

Acq: 3 Aug 2016 17:48

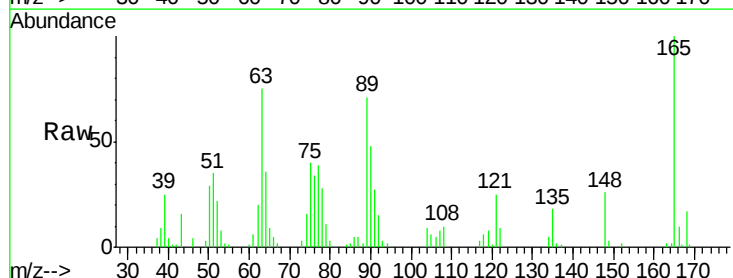
Tgt Ion:165 Resp: 49871

Ion Ratio Lower Upper

165 100

63 75.4 40.2 60.4#

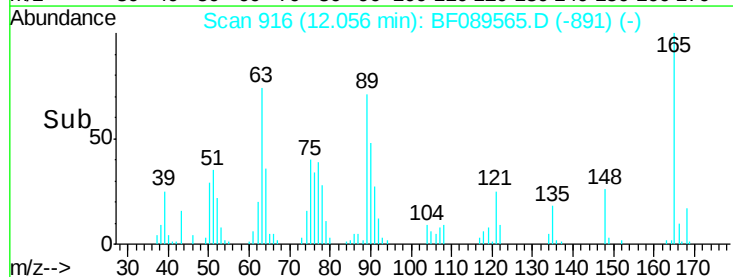
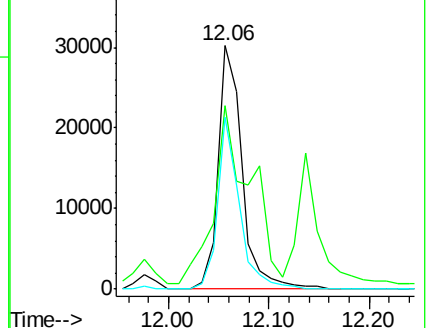
89 70.6 40.6 61.0#

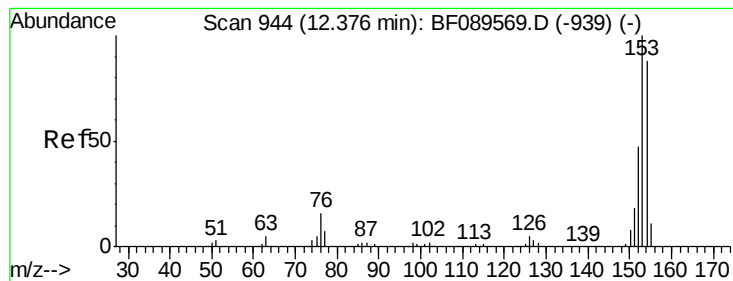


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.75 ng

RT: 12.38 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF089565.D

Acq: 3 Aug 2016 17:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

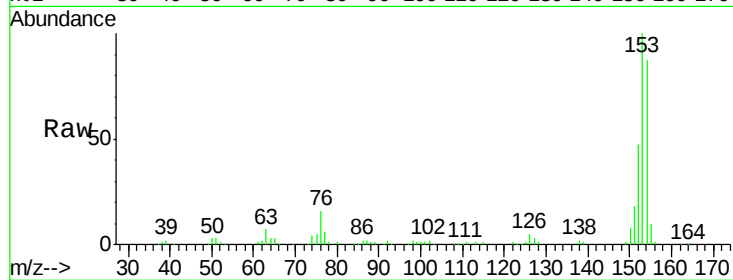
Tot Ion:154 Resp: 199485

Ion Ratio Lower Upper

154 100

153 114.7 91.2 136.8

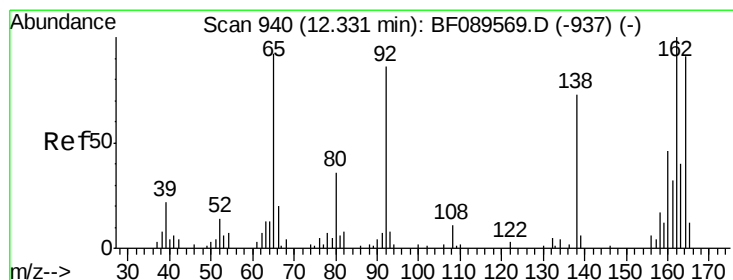
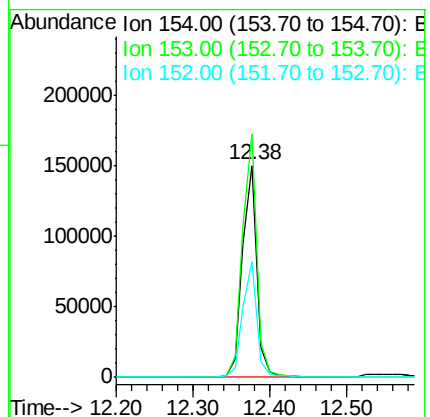
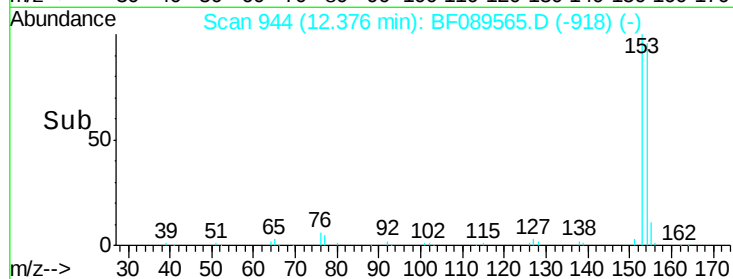
152 54.4 43.1 64.7



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: 34.65 ng

RT: 12.33 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF089565.D

Acq: 3 Aug 2016 17:48

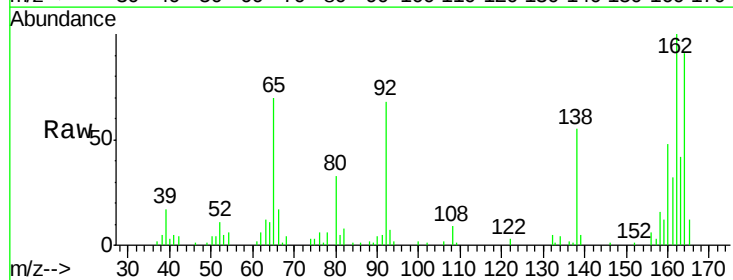
Tgt Ion:138 Resp: 51168

Ion Ratio Lower Upper

138 100

108 15.6 11.6 17.4

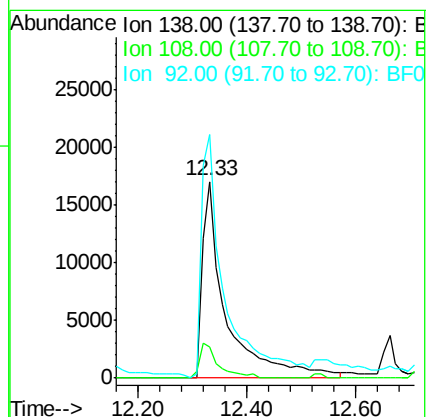
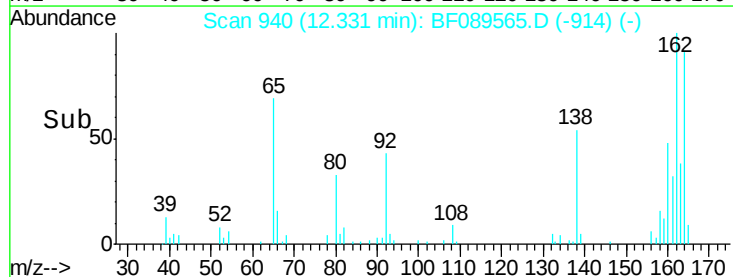
92 123.8 94.6 141.8

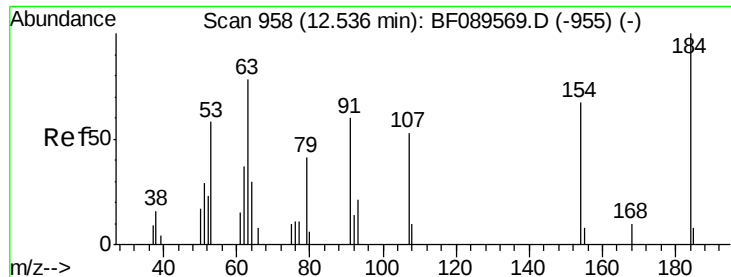


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

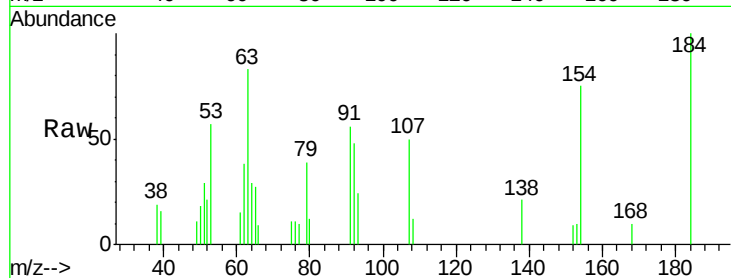




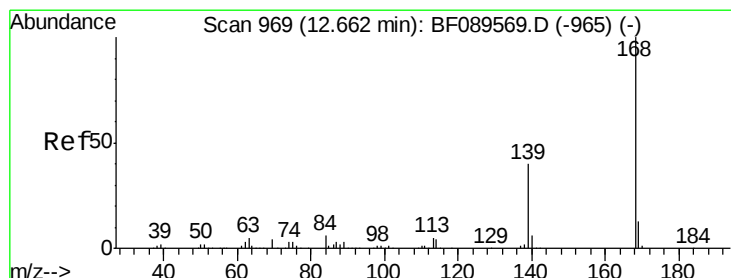
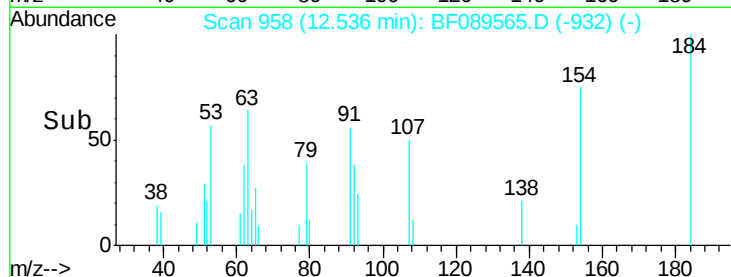
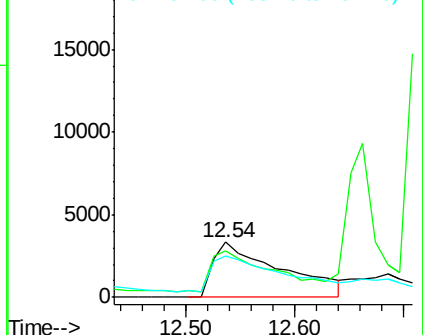
#53
2,4-Dinitrophenol
Concen: 34.71 ng
RT: 12.54 min Scan# 958
Delta R.T. -0.00 min
Lab File: BF089565.D
Acq: 3 Aug 2016 17:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:184 Resp: 14484
Ion Ratio Lower Upper
184 100
63 83.2 69.5 104.3
154 75.4 61.8 92.6

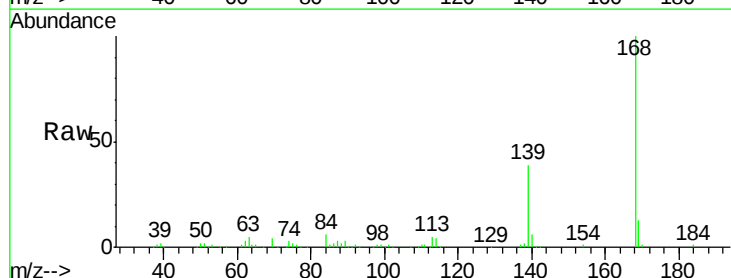


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

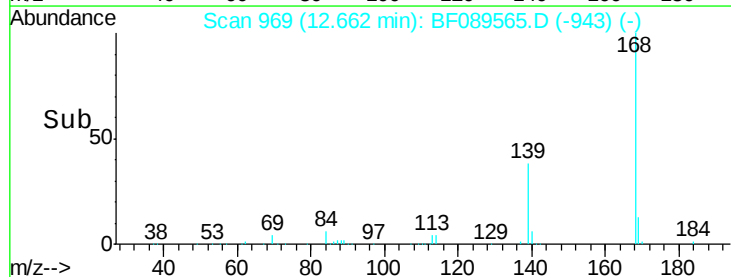
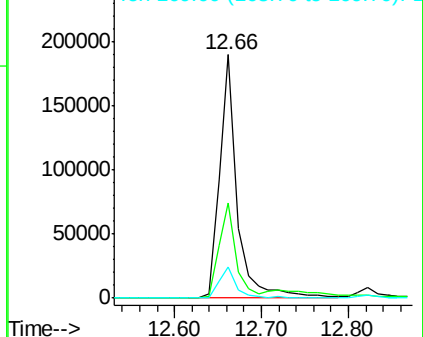


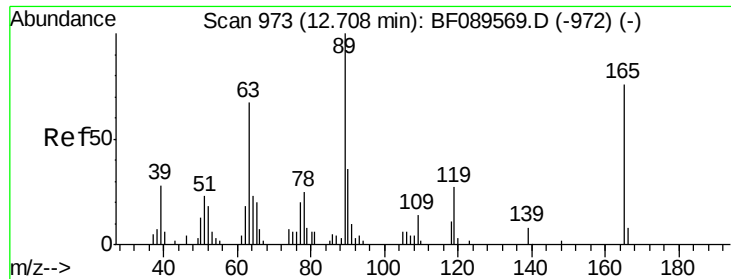
#54
Dibenzofuran
Concen: 37.59 ng
RT: 12.66 min Scan# 969
Delta R.T. -0.00 min
Lab File: BF089565.D
Acq: 3 Aug 2016 17:48

Tgt Ion:168 Resp: 270336
Ion Ratio Lower Upper
168 100
139 39.0 31.8 47.8
169 12.9 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

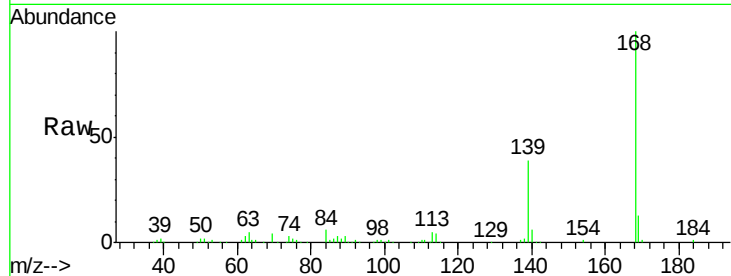




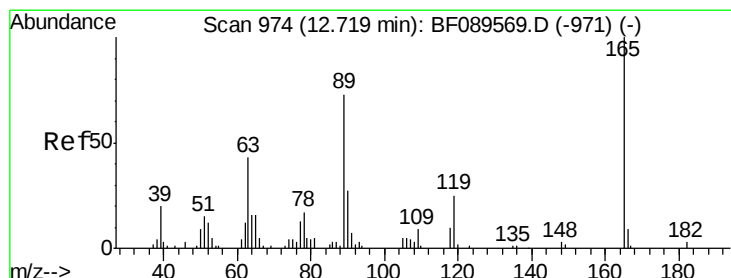
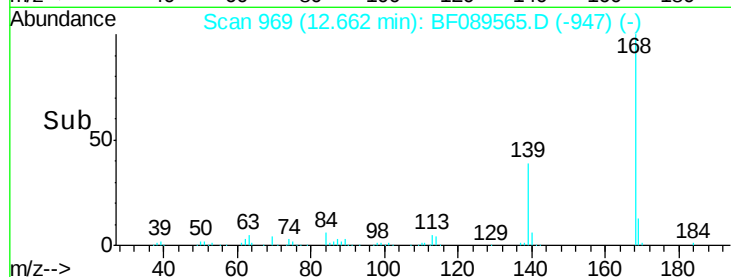
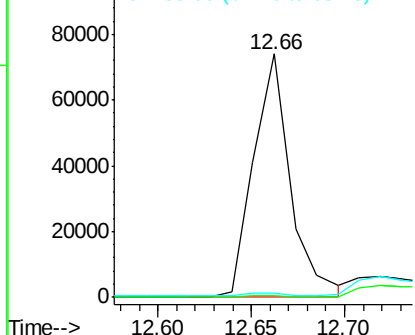
#55
4-Nitrophenol
Concen: 125.50 ng
RT: 12.66 min Scan# 969
Delta R.T. -0.05 min
Lab File: BF089565.D
Acq: 3 Aug 2016 17:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:139 Resp: 101543
Ion Ratio Lower Upper
139 100
109 0.9 35.2 75.2#
65 2.0 66.4 106.4#

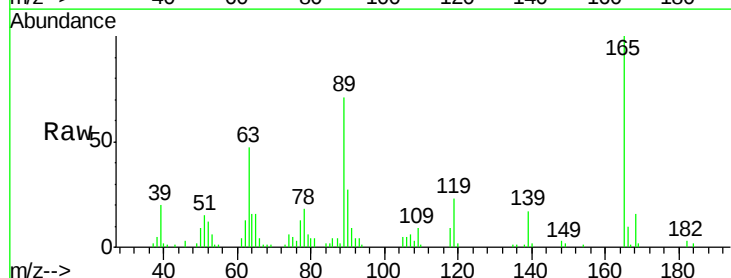


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

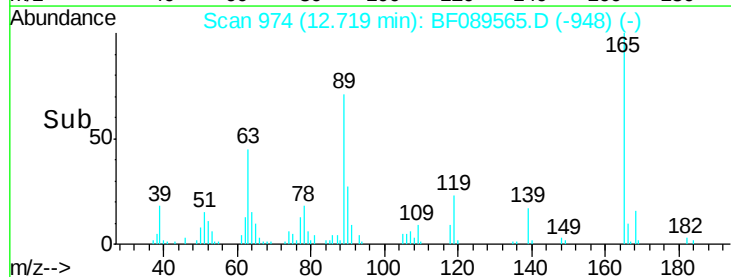
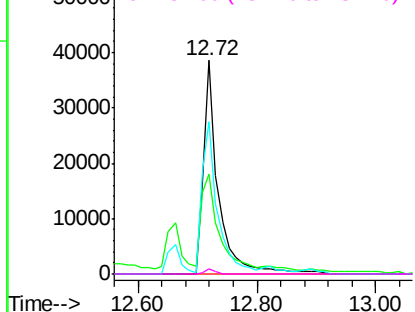


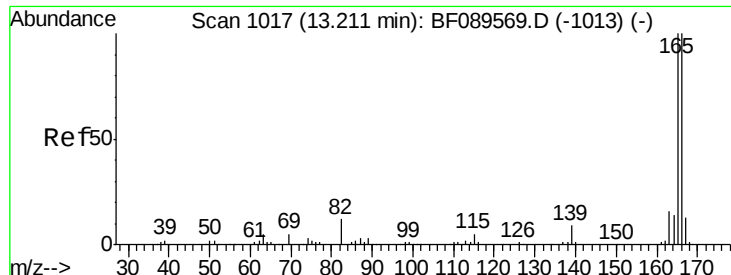
#56
2,4-Dinitrotoluene
Concen: 40.90 ng
RT: 12.72 min Scan# 974
Delta R.T. -0.00 min
Lab File: BF089565.D
Acq: 3 Aug 2016 17:48

Tgt Ion:165 Resp: 68842
Ion Ratio Lower Upper
165 100
63 46.6 38.2 57.2
89 71.1 59.8 89.6
182 2.7 2.0 3.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 37.84 ng

RT: 13.21 min Scan# 1017

Delta R.T. -0.00 min

Lab File: BF089565.D

Acq: 3 Aug 2016 17:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

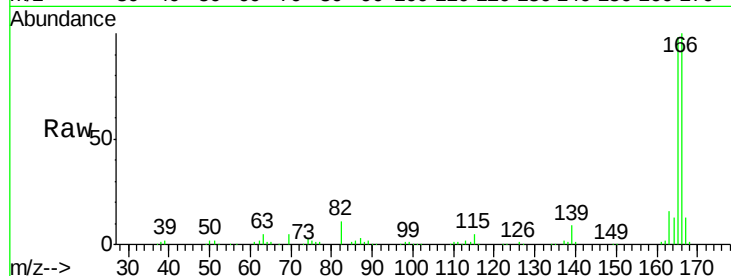
Tot Ion:166 Resp: 231500

Ion Ratio Lower Upper

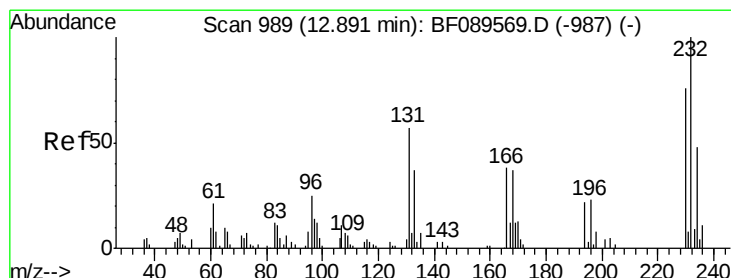
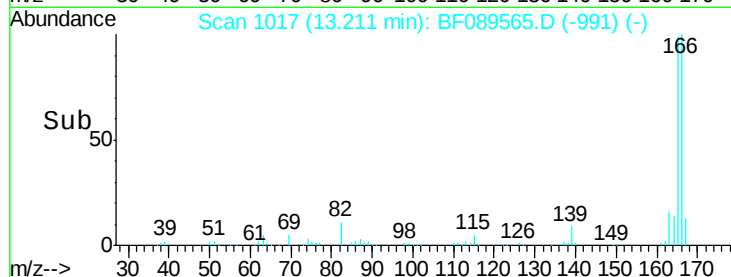
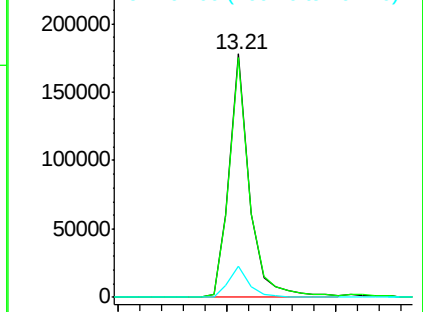
166 100

165 98.3 80.2 120.2

167 12.8 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.50 ng

RT: 12.89 min Scan# 989

Delta R.T. -0.00 min

Lab File: BF089565.D

Acq: 3 Aug 2016 17:48

Tgt Ion:232 Resp: 46024

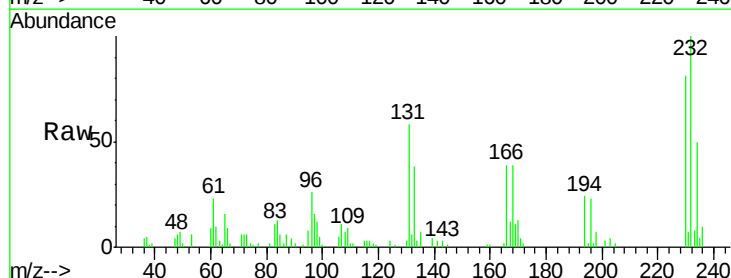
Ion Ratio Lower Upper

232 100

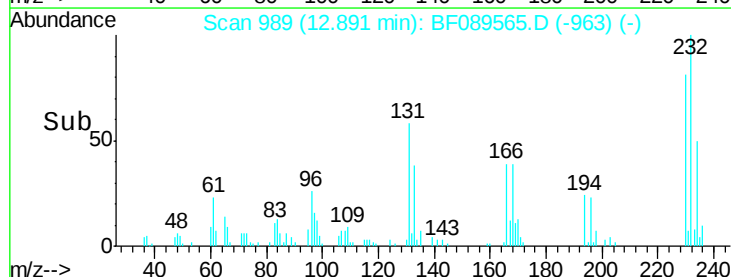
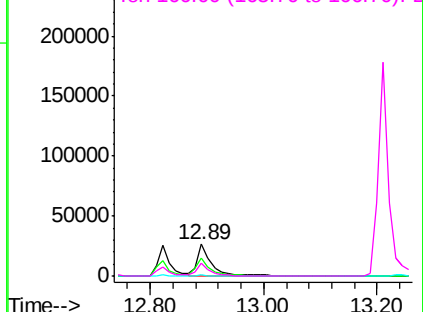
131 56.2 47.9 71.9

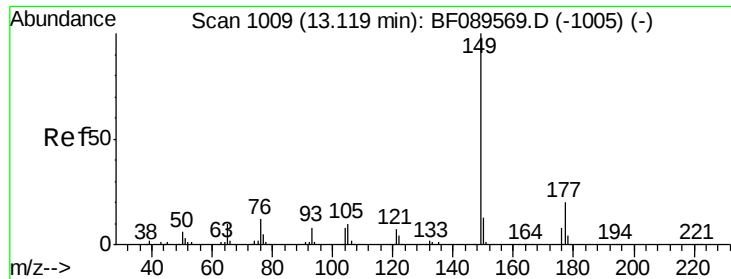
130 2.4 1.7 2.5

166 36.8 30.2 45.2



Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

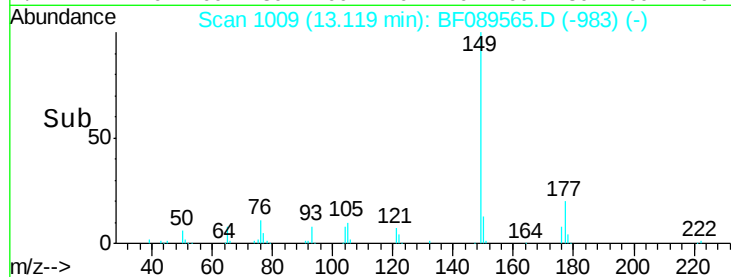
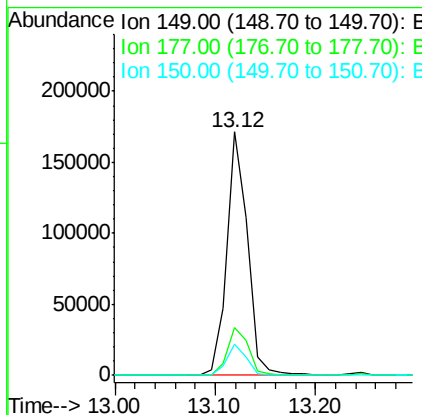
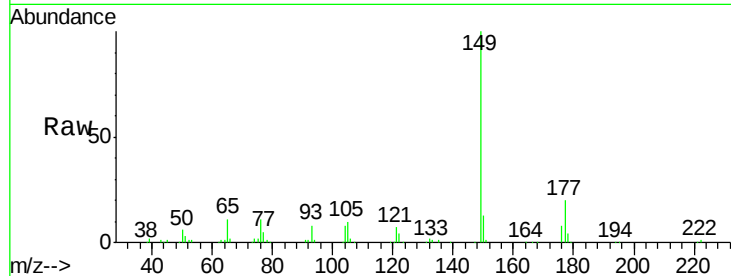




#59
Diethylphthalate
Concen: 38.65 ng
RT: 13.12 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF089565.D
Acq: 3 Aug 2016 17:48

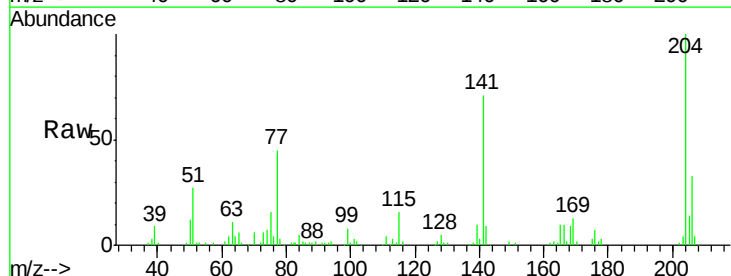
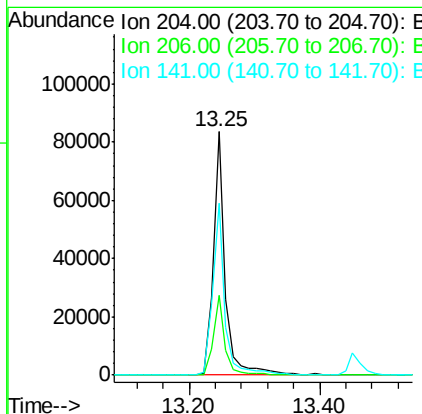
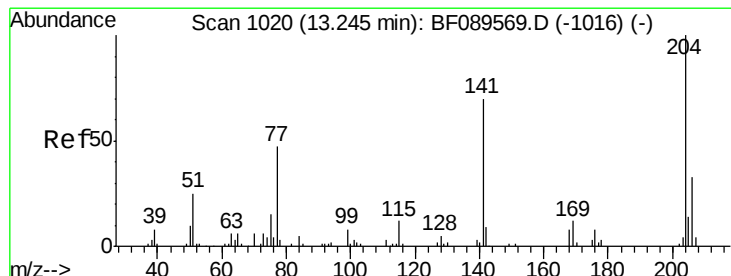
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

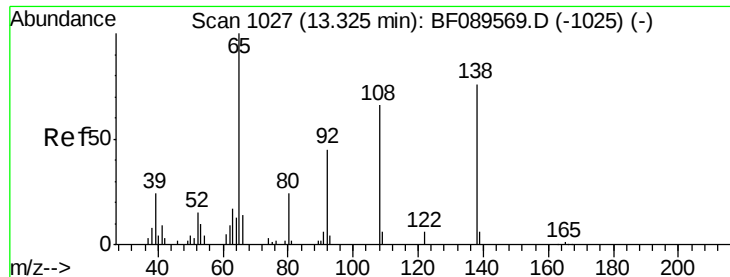
Tot Ion:149 Resp: 245128
Ion Ratio Lower Upper
149 100
177 19.8 15.8 23.8
150 12.6 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 39.24 ng
RT: 13.25 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF089565.D
Acq: 3 Aug 2016 17:48

Tgt Ion:204 Resp: 107884
Ion Ratio Lower Upper
204 100
206 33.0 26.2 39.2
141 70.9 56.3 84.5

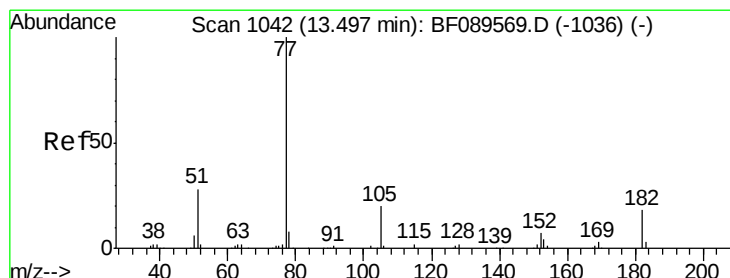
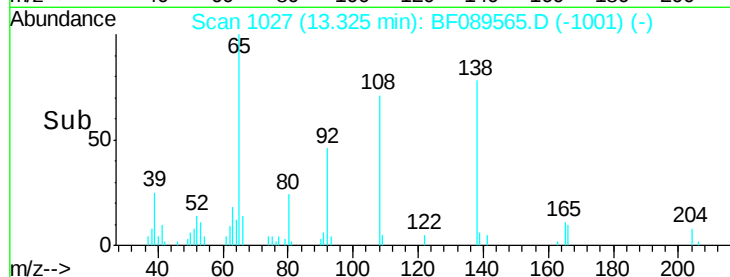
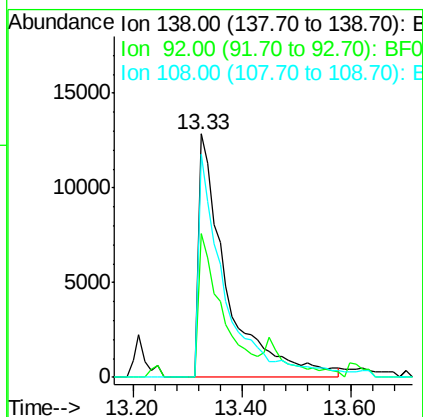
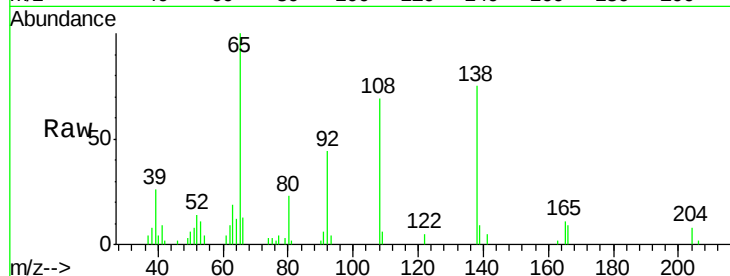




#61
4-Nitroaniline
Concen: 35.69 ng
RT: 13.33 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF089565.D
Acq: 3 Aug 2016 17:48

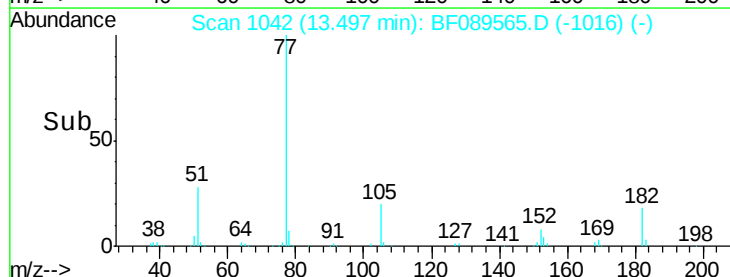
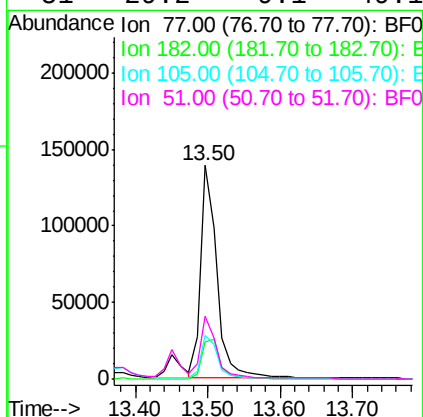
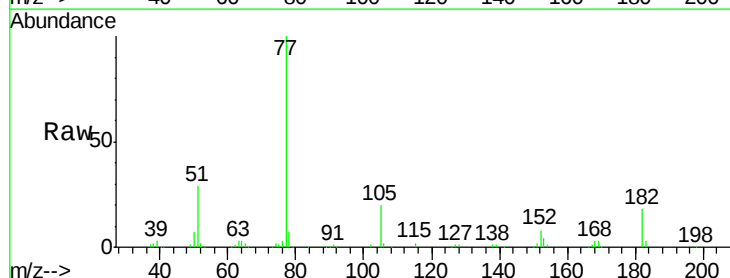
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

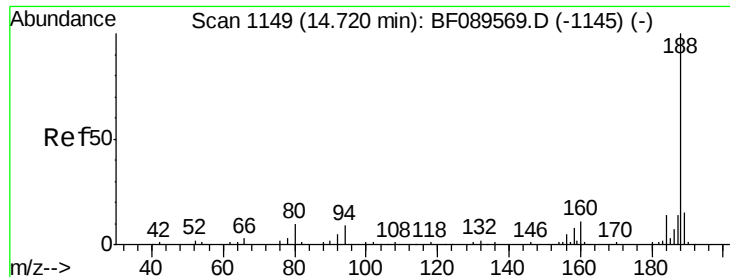
Tot Ion:138 Resp: 46187
Ion Ratio Lower Upper
138 100
92 59.2 39.5 79.5
108 91.9 66.4 106.4



#62
Azobenzene
Concen: 33.73 ng
RT: 13.50 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF089565.D
Acq: 3 Aug 2016 17:48

Tgt Ion: 77 Resp: 219365
Ion Ratio Lower Upper
77 100
182 17.6 0.0 38.0
105 20.1 0.6 40.6
51 29.2 9.1 49.1

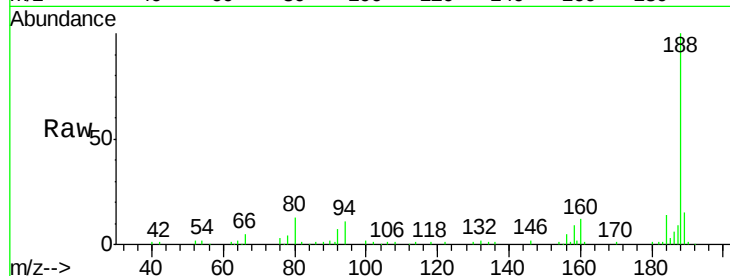




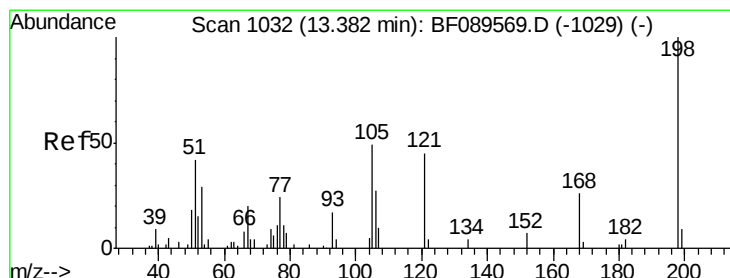
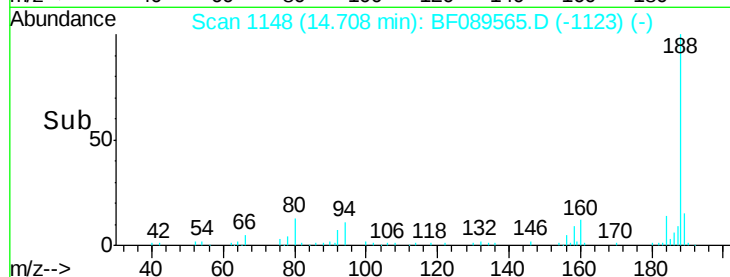
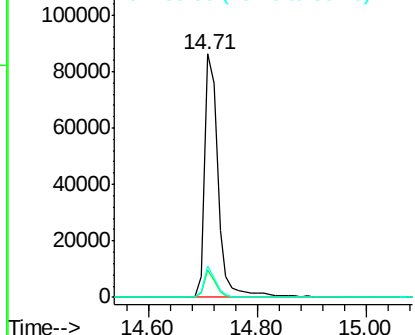
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.71 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF089565.D
 Acq: 3 Aug 2016 17:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:188 Resp: 149468
 Ion Ratio Lower Upper
 188 100
 94 11.0 7.0 10.4#
 80 12.9 7.7 11.5#

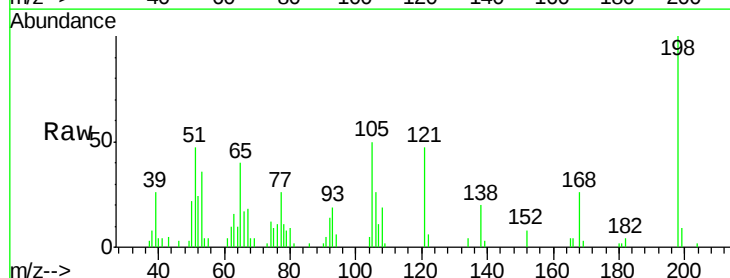


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

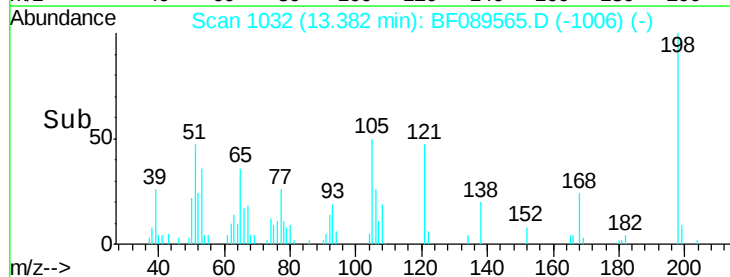
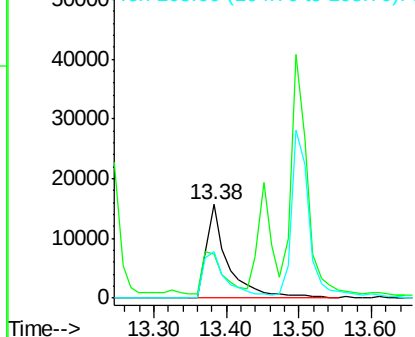


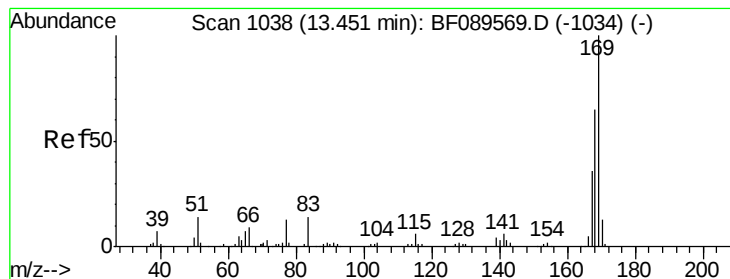
#64
 4,6-Dinitro-2-methylphenol
 Concen: 37.44 ng
 RT: 13.38 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BF089565.D
 Acq: 3 Aug 2016 17:48

Tgt Ion:198 Resp: 32489
 Ion Ratio Lower Upper
 198 100
 51 46.7 26.0 66.0
 105 49.6 29.1 69.1



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

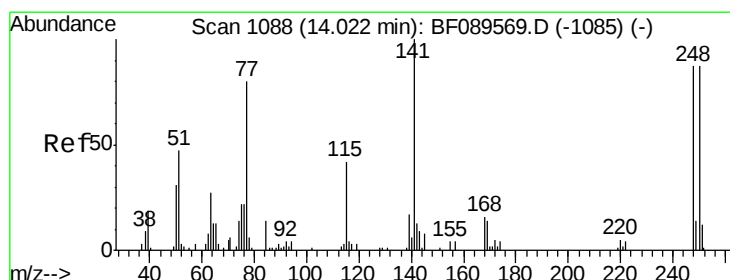
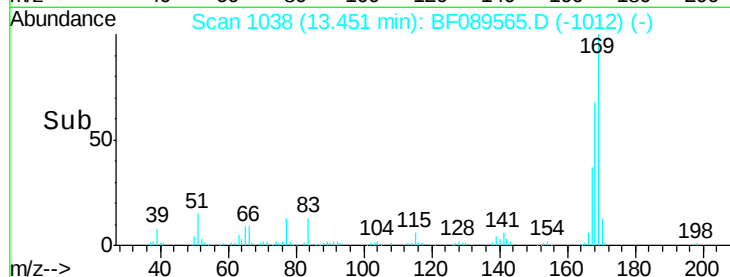
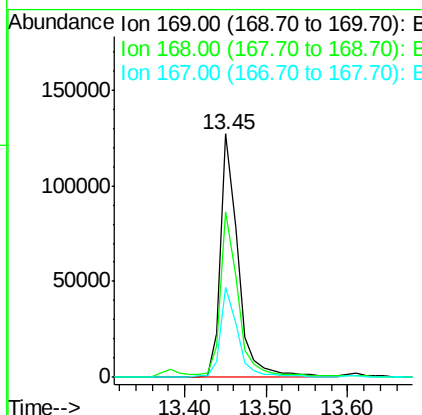
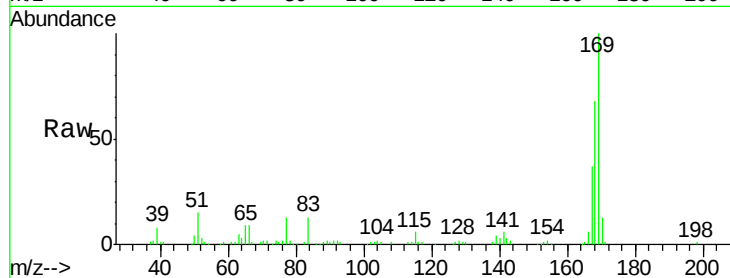




#65
n-Nitrosodiphenylamine
Concen: 37.32 ng
RT: 13.45 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF089565.D
Acq: 3 Aug 2016 17:48

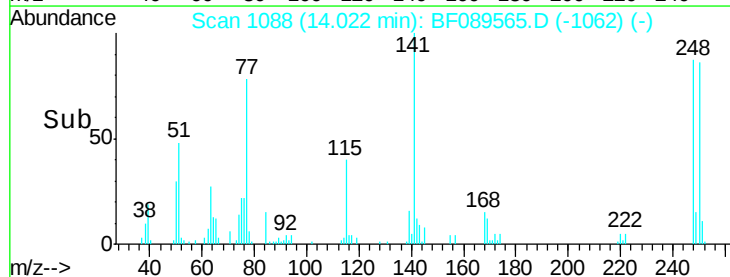
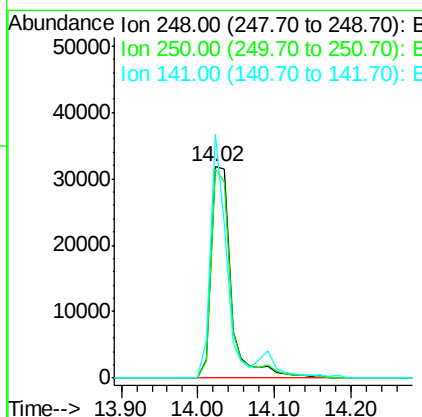
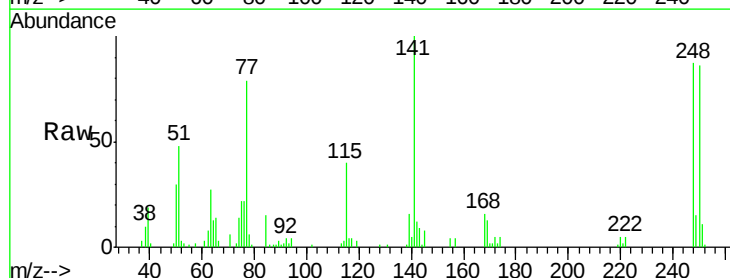
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

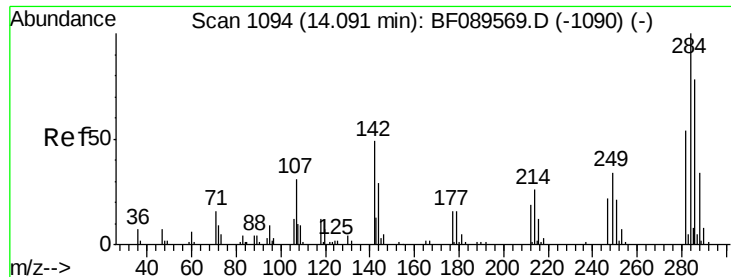
Tot Ion:169 Resp: 190060
Ion Ratio Lower Upper
169 100
168 67.8 53.0 79.4
167 36.9 29.1 43.7



#66
4-Bromophenyl-phenylether
Concen: 39.47 ng
RT: 14.02 min Scan# 1088
Delta R.T. -0.00 min
Lab File: BF089565.D
Acq: 3 Aug 2016 17:48

Tgt Ion:248 Resp: 57628
Ion Ratio Lower Upper
248 100
250 99.1 79.8 119.6
141 115.2 91.5 137.3

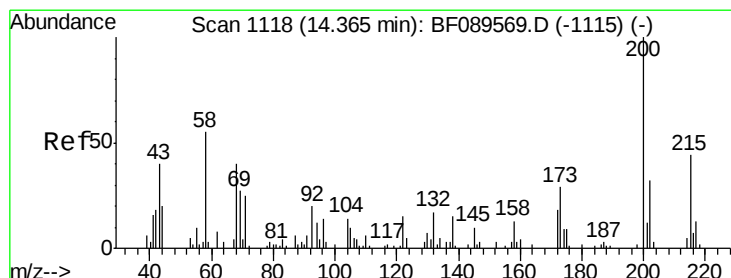
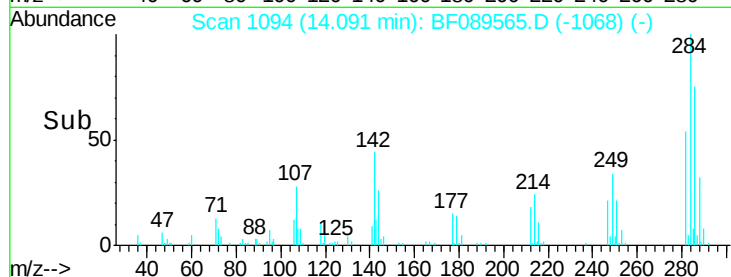
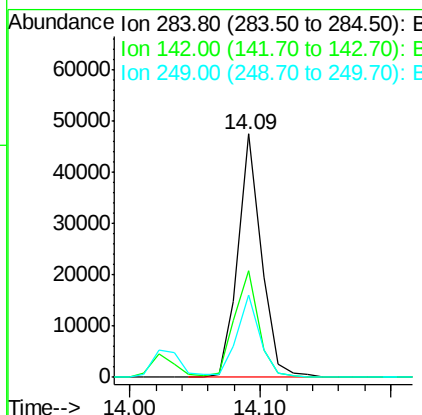
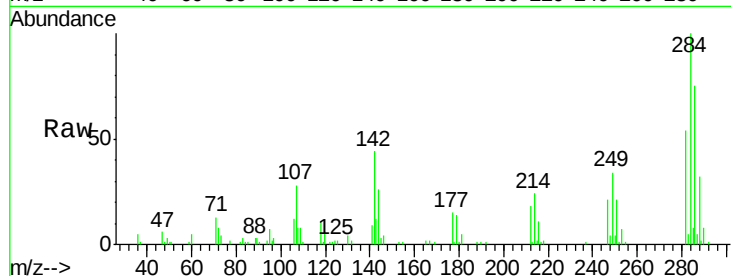




#67
Hexachlorobenzene
Concen: 37.53 ng
RT: 14.09 min Scan# 1094
Delta R.T. -0.00 min
Lab File: BF089565.D
Acq: 3 Aug 2016 17:48

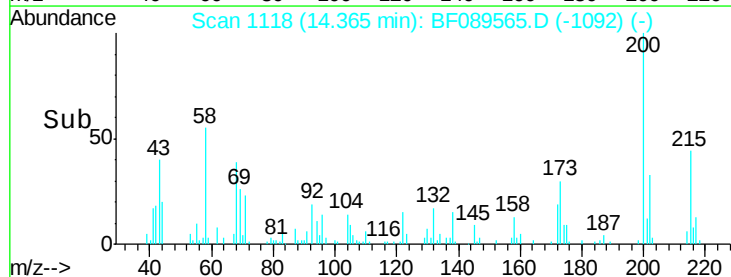
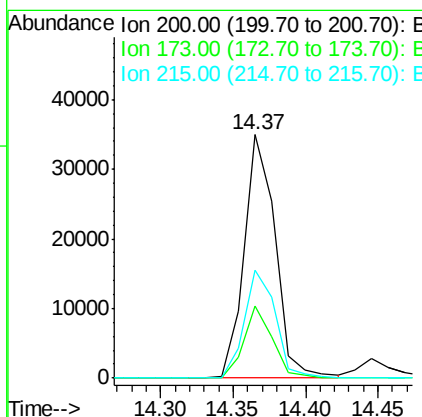
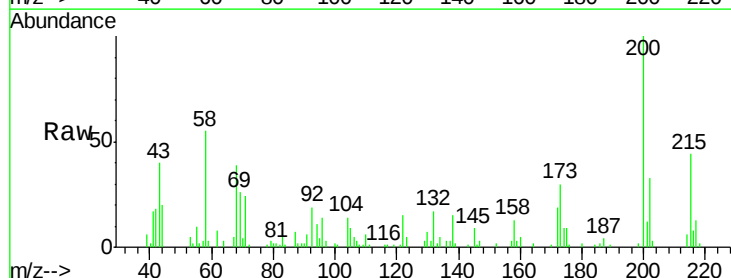
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

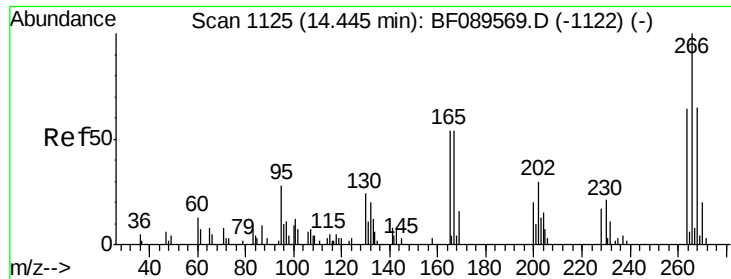
Tot Ion:284 Resp: 59276
Ion Ratio Lower Upper
284 100
142 43.9 40.2 60.4
249 33.9 28.9 43.3



#68
Atrazine
Concen: 39.40 ng
RT: 14.37 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BF089565.D
Acq: 3 Aug 2016 17:48

Tgt Ion:200 Resp: 51924
Ion Ratio Lower Upper
200 100
173 29.8 9.1 49.1
215 44.4 23.6 63.6

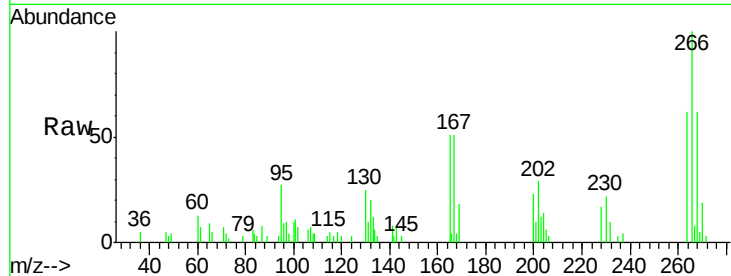




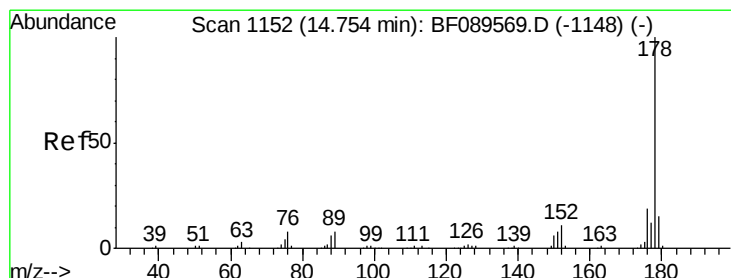
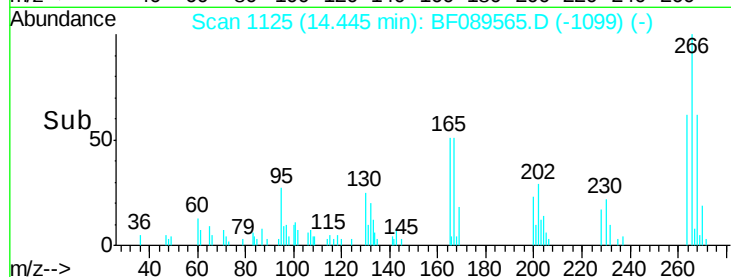
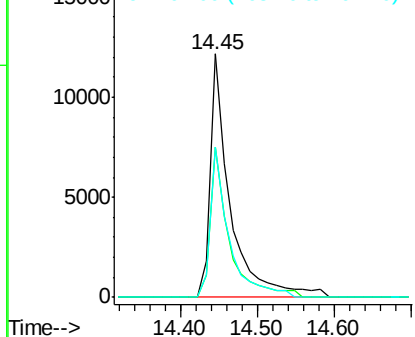
#69
 Pentachlorophenol
 Concen: 37.62 ng
 RT: 14.45 min Scan# 1125
 Delta R.T. -0.00 min
 Lab File: BF089565.D
 Acq: 3 Aug 2016 17:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:266 Resp: 21805
 Ion Ratio Lower Upper
 266 100
 268 61.9 51.8 77.6
 264 61.9 51.2 76.8

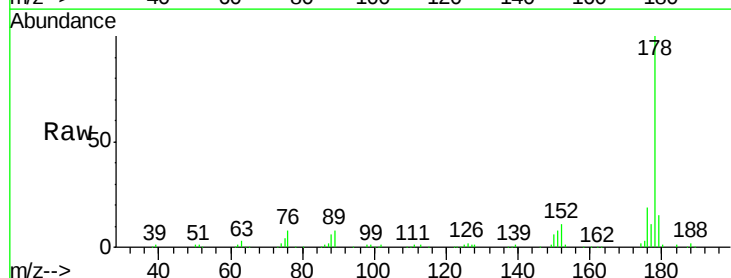


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

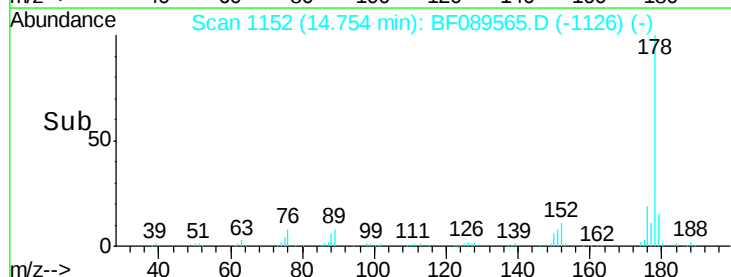
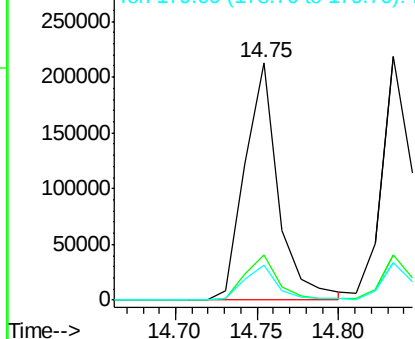


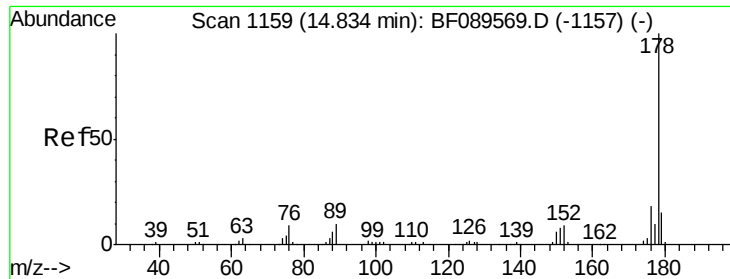
#70
 Phenanthrene
 Concen: 37.95 ng
 RT: 14.75 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BF089565.D
 Acq: 3 Aug 2016 17:48

Tgt Ion:178 Resp: 302978
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.2 22.8
 179 14.8 12.2 18.4



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

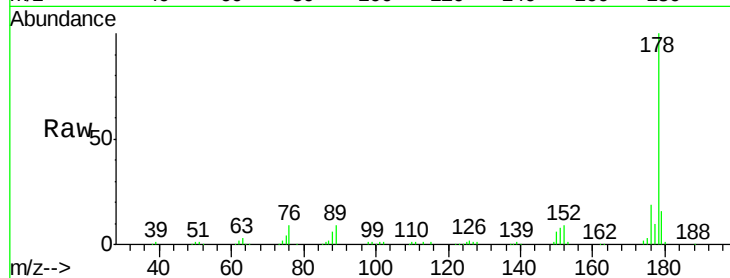




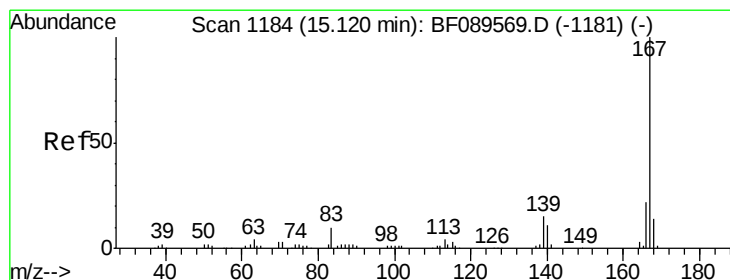
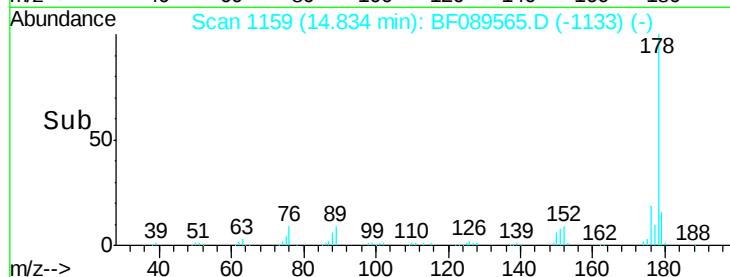
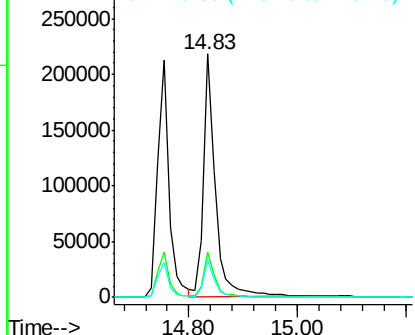
#71
 Anthracene
 Concen: 37.76 ng
 RT: 14.83 min Scan# 1159
 Delta R.T. -0.00 min
 Lab File: BF089565.D
 Acq: 3 Aug 2016 17:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 329630
 Ion Ratio Lower Upper
 178 100
 176 18.6 14.7 22.1
 179 15.7 12.2 18.2

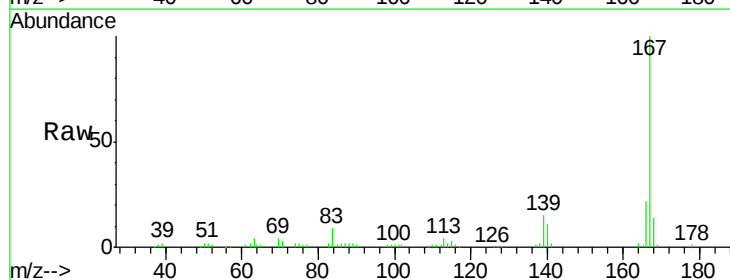


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

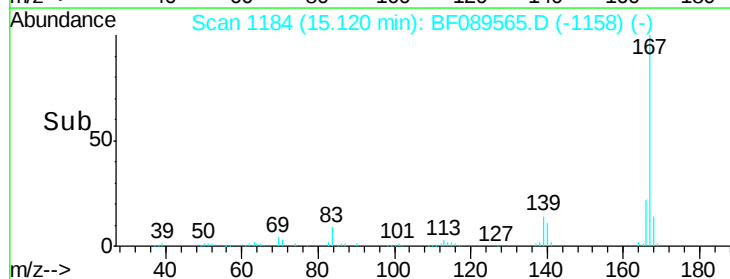
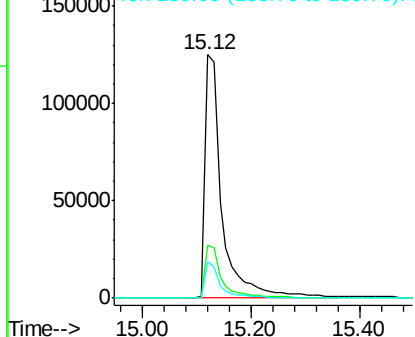


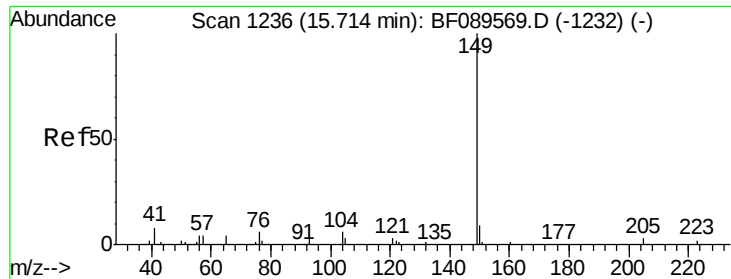
#72
 Carbazole
 Concen: 38.85 ng
 RT: 15.12 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: BF089565.D
 Acq: 3 Aug 2016 17:48

Tgt Ion:167 Resp: 274357
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.5 26.3
 139 14.6 11.8 17.6



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

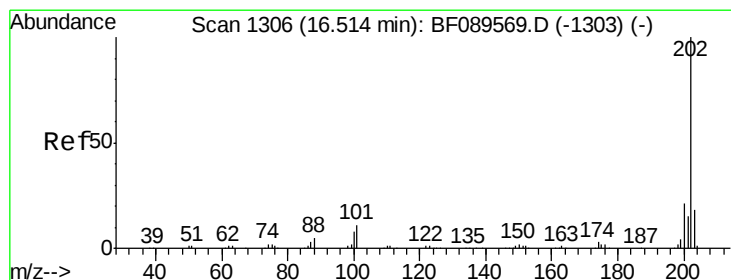
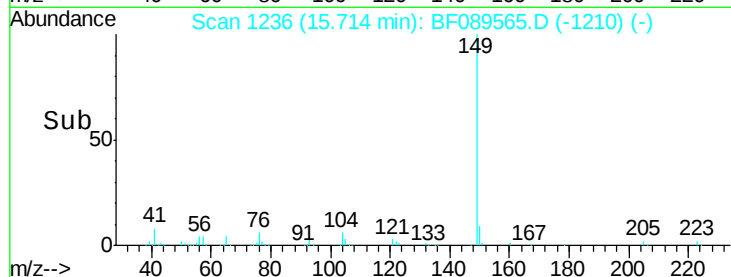
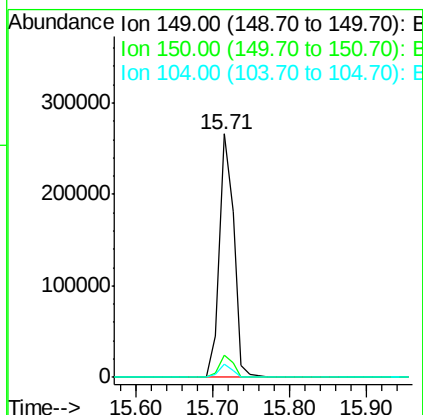
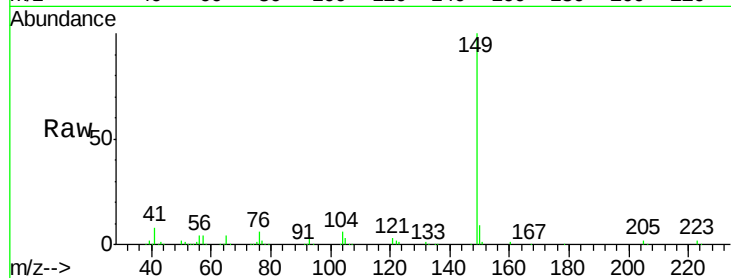




#73
Di-n-butylphthalate
Concen: 39.16 ng
RT: 15.71 min Scan# 1236
Delta R.T. -0.00 min
Lab File: BF089565.D
Acq: 3 Aug 2016 17:48

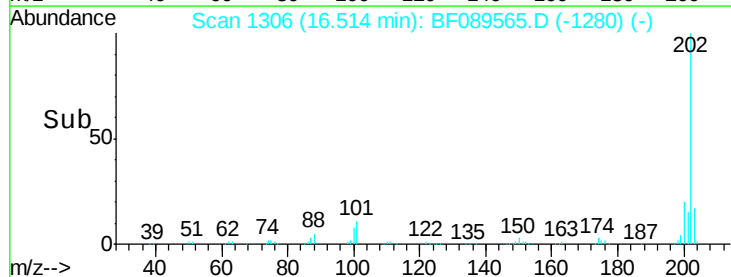
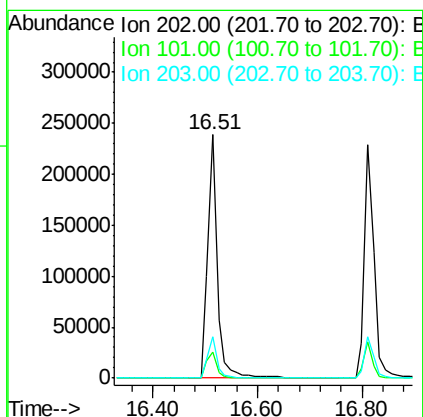
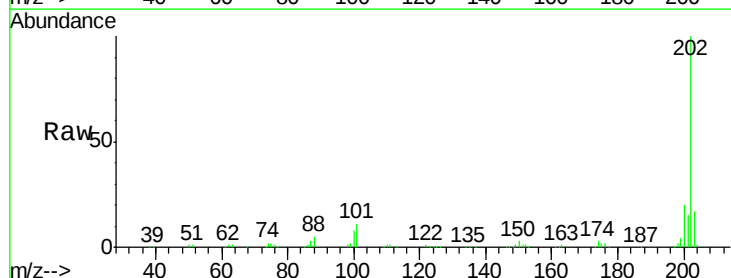
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

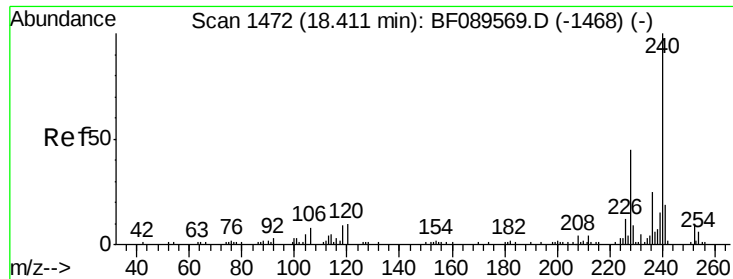
Tot Ion:149 Resp: 353682
Ion Ratio Lower Upper
149 100
150 8.9 7.4 11.0
104 5.5 4.6 7.0



#74
Fluoranthene
Concen: 37.77 ng
RT: 16.51 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF089565.D
Acq: 3 Aug 2016 17:48

Tgt Ion:202 Resp: 305188
Ion Ratio Lower Upper
202 100
101 10.7 0.0 31.0
203 17.1 0.0 37.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.41 min Scan# 1472

Delta R.T. -0.00 min

Lab File: BF089565.D

Acq: 3 Aug 2016 17:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

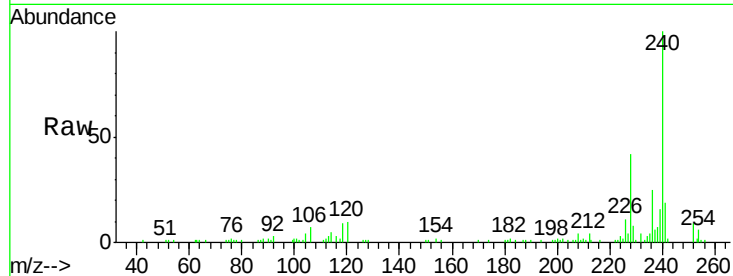
Tot Ion:240 Resp: 89171

Ion Ratio Lower Upper

240 100

120 10.0 8.2 12.2

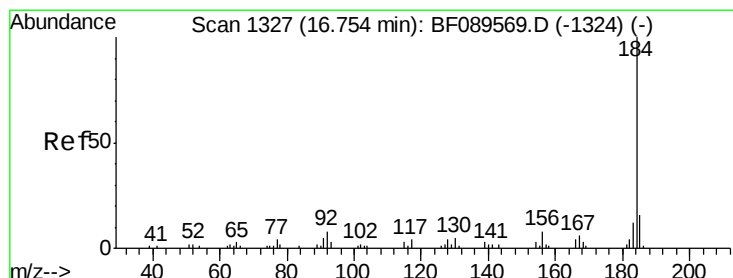
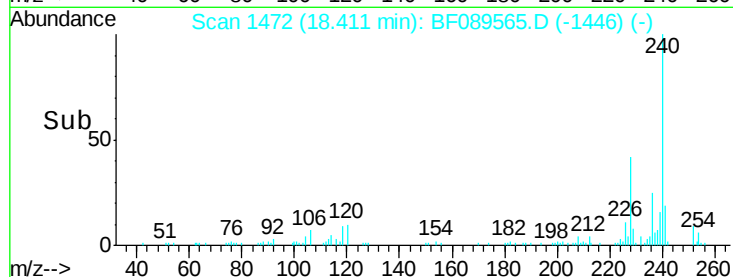
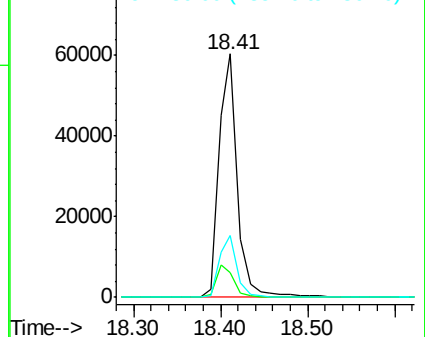
236 25.3 20.3 30.5



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 43.86 ng

RT: 16.75 min Scan# 1327

Delta R.T. -0.00 min

Lab File: BF089565.D

Acq: 3 Aug 2016 17:48

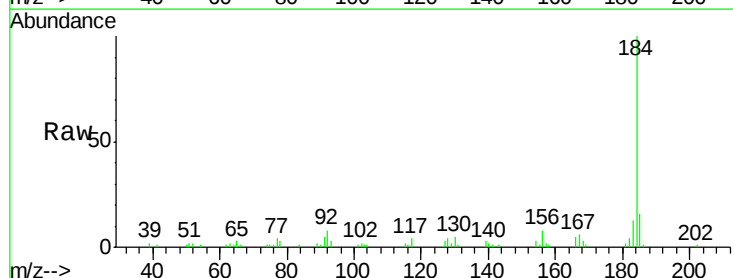
Tgt Ion:184 Resp: 106668

Ion Ratio Lower Upper

184 100

185 15.6 13.1 19.7

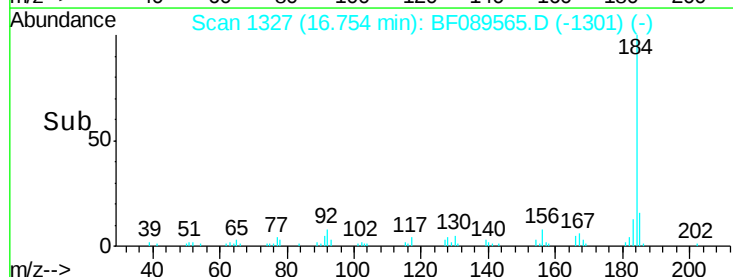
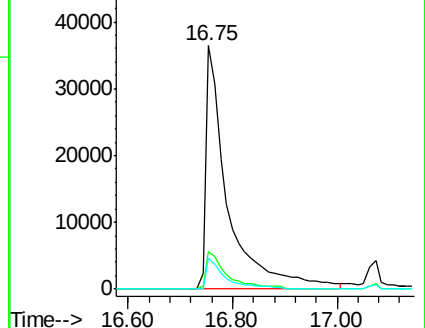
183 12.7 9.6 14.4

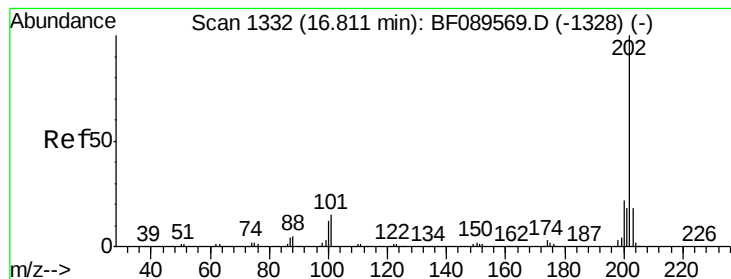


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 36.92 ng

RT: 16.81 min Scan# 1332

Delta R.T. -0.00 min

Lab File: BF089565.D

Acq: 3 Aug 2016 17:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

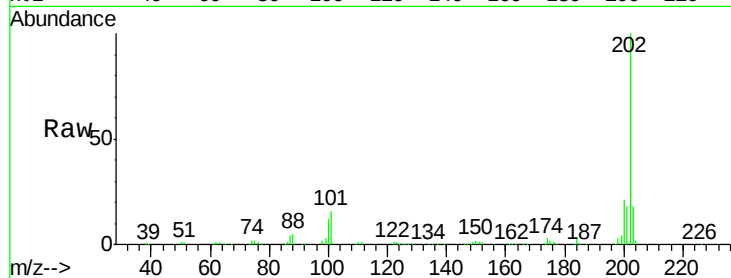
Tot Ion:202 Resp: 292684

Ion Ratio Lower Upper

202 100

200 21.1 17.2 25.8

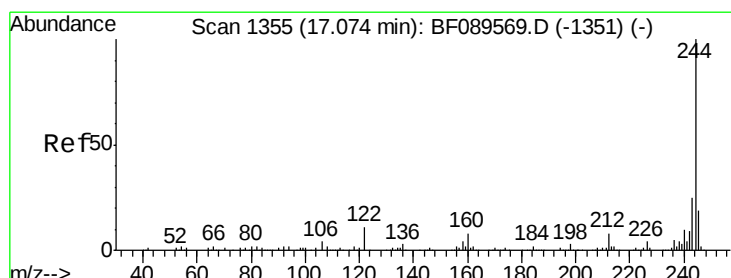
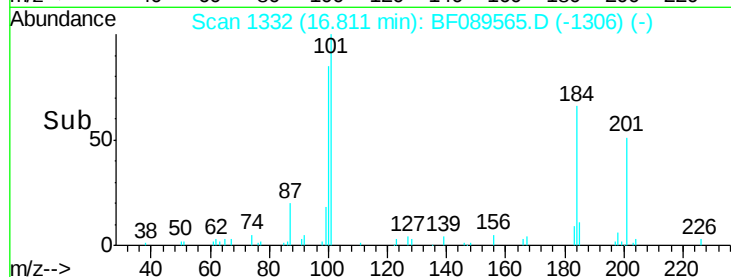
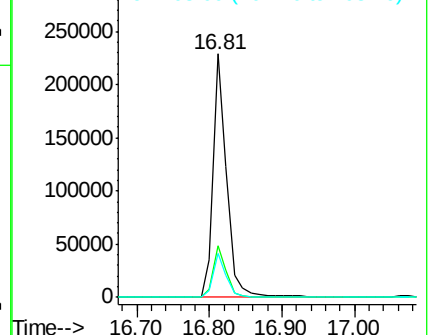
203 17.9 14.2 21.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 75.96 ng

RT: 17.07 min Scan# 1355

Delta R.T. -0.00 min

Lab File: BF089565.D

Acq: 3 Aug 2016 17:48

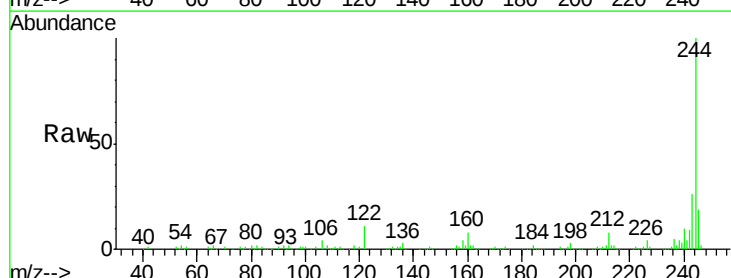
Tgt Ion:244 Resp: 337601

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.4

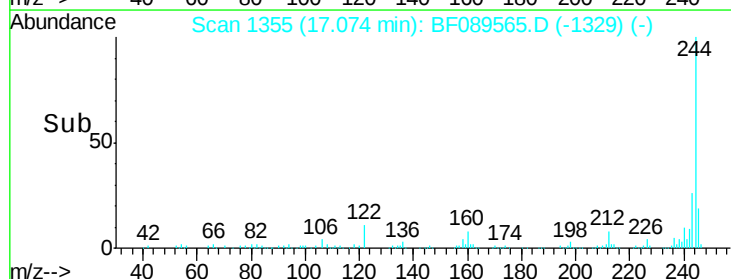
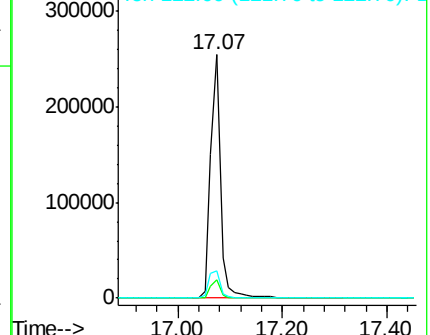
122 11.3 8.5 12.7

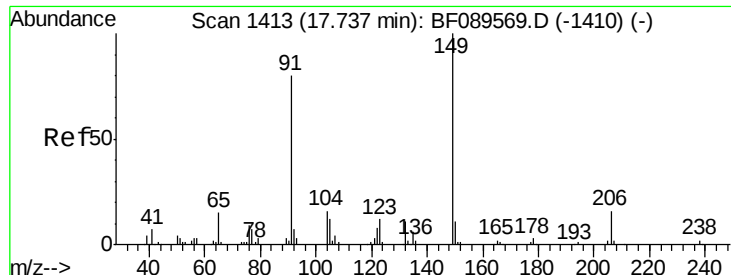


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

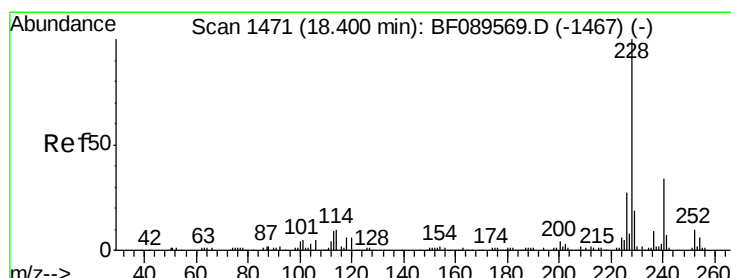
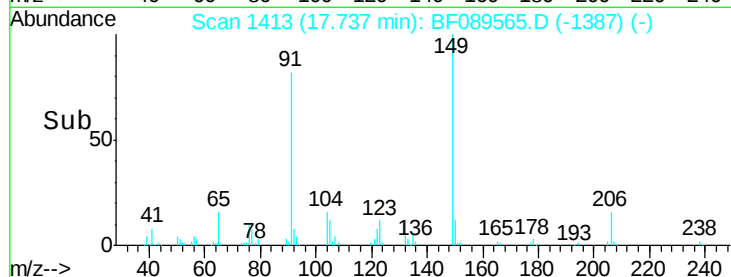
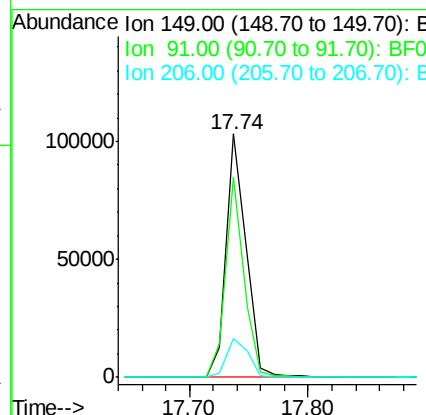
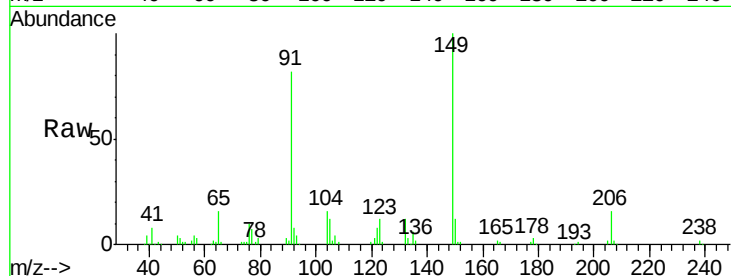




#79
Butylbenzylphthalate
Concen: 39.94 ng
RT: 17.74 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF089565.D
Acq: 3 Aug 2016 17:48

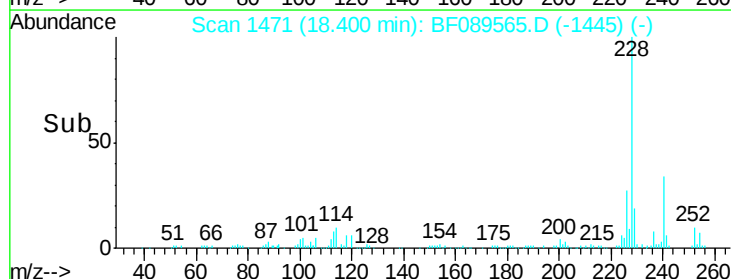
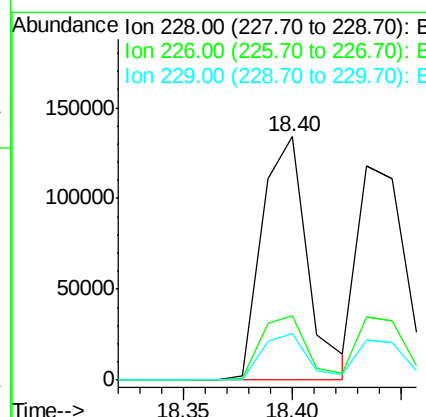
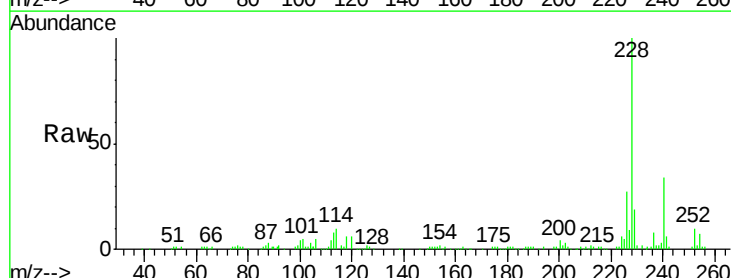
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

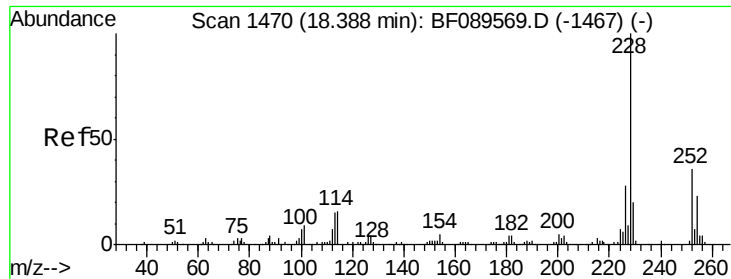
Tot Ion:149 Resp: 118813
Ion Ratio Lower Upper
149 100
91 82.4 63.6 95.4
206 16.0 12.8 19.2



#80
Benzo(a)anthracene
Concen: 37.89 ng
RT: 18.40 min Scan# 1471
Delta R.T. -0.00 min
Lab File: BF089565.D
Acq: 3 Aug 2016 17:48

Tgt Ion:228 Resp: 196908
Ion Ratio Lower Upper
228 100
226 26.6 21.5 32.3
229 19.2 15.1 22.7

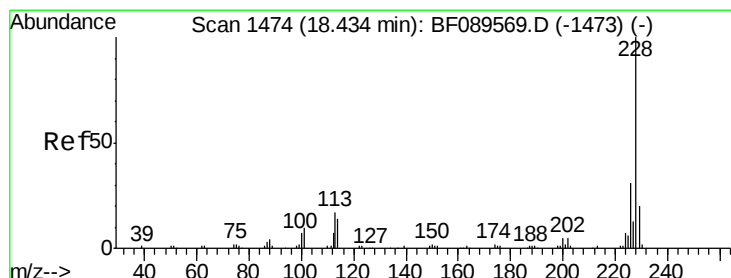
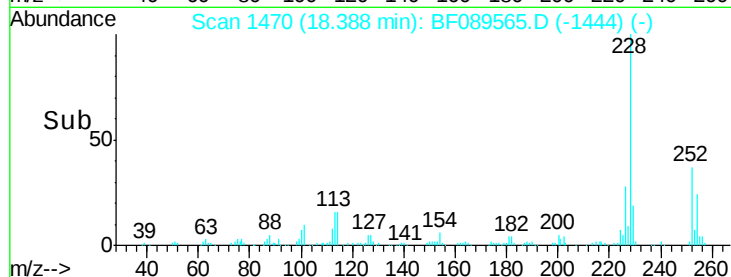
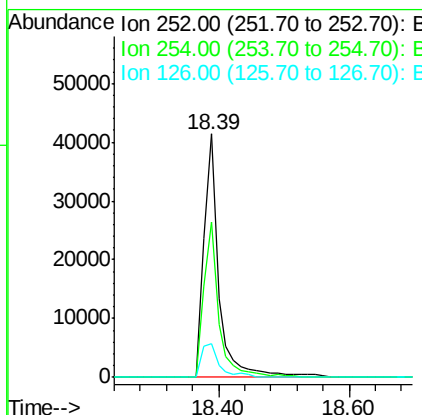
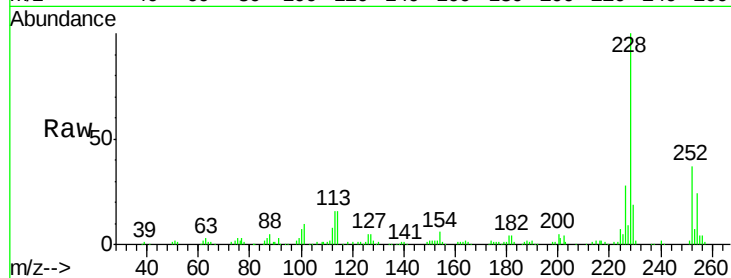




#81
 3,3'-Dichlorobenzidine
 Concen: 40.19 ng
 RT: 18.39 min Scan# 1470
 Delta R.T. -0.00 min
 Lab File: BF089565.D
 Acq: 3 Aug 2016 17:48

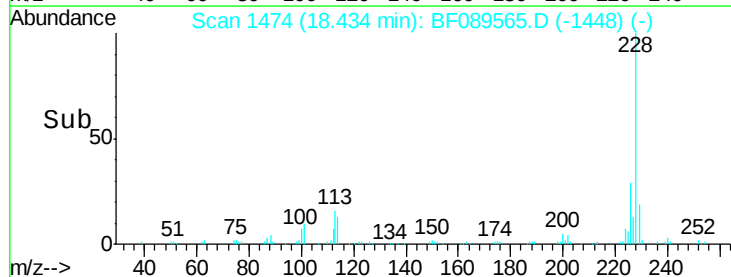
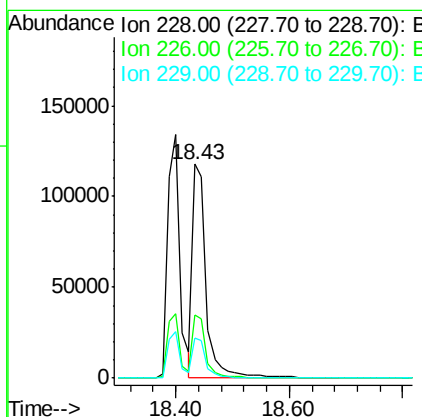
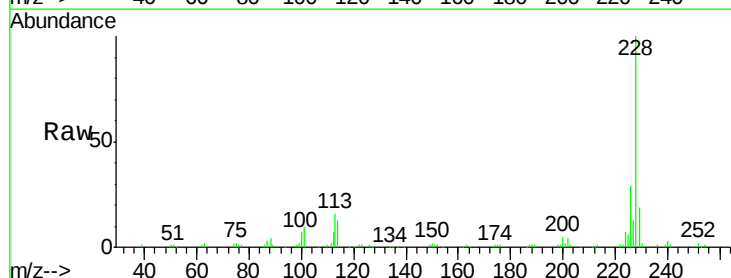
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

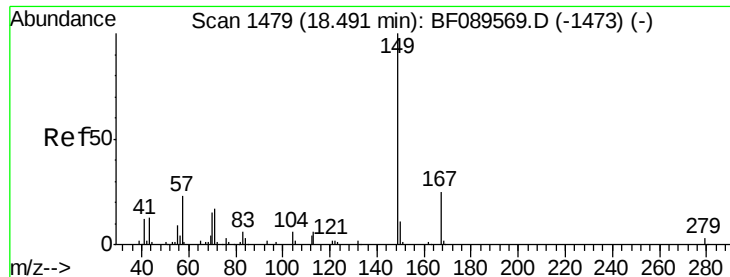
Tot Ion:252 Resp: 65443
 Ion Ratio Lower Upper
 252 100
 254 63.7 51.6 77.4
 126 14.0 10.1 15.1



#82
 Chrysene
 Concen: 36.73 ng
 RT: 18.43 min Scan# 1474
 Delta R.T. -0.00 min
 Lab File: BF089565.D
 Acq: 3 Aug 2016 17:48

Tgt Ion:228 Resp: 196800
 Ion Ratio Lower Upper
 228 100
 226 29.3 24.3 36.5
 229 18.8 15.7 23.5

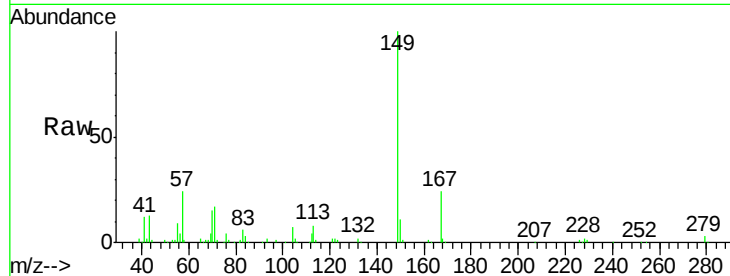




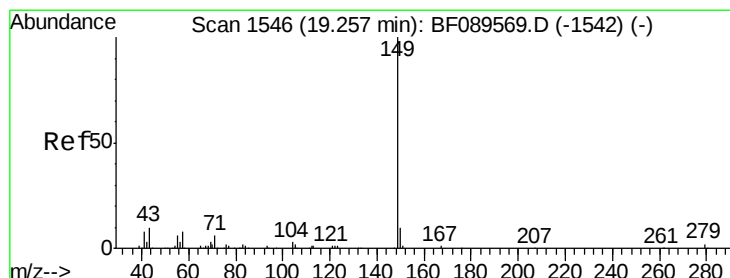
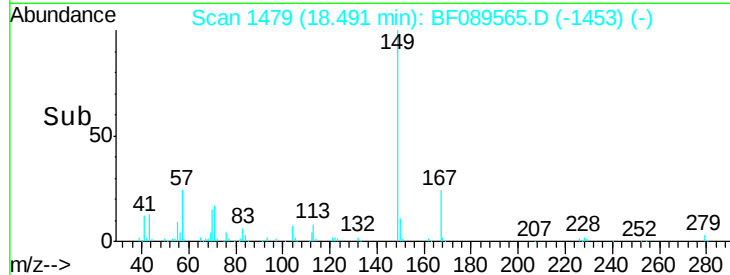
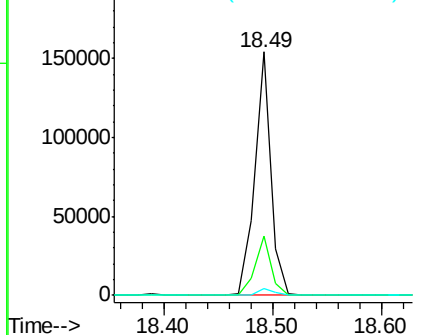
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.14 ng
 RT: 18.49 min Scan# 1479
 Delta R.T. -0.00 min
 Lab File: BF089565.D
 Acq: 3 Aug 2016 17:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:149 Resp: 160918
 Ion Ratio Lower Upper
 149 100
 167 24.3 19.7 29.5
 279 2.7 2.3 3.5

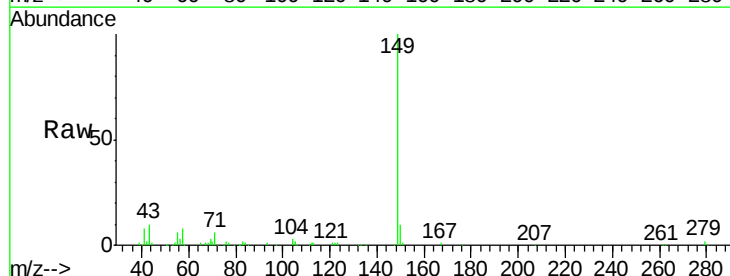


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

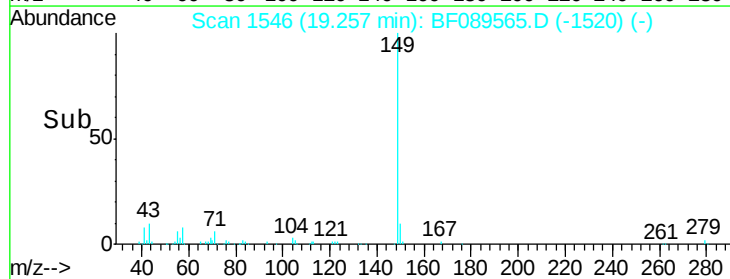
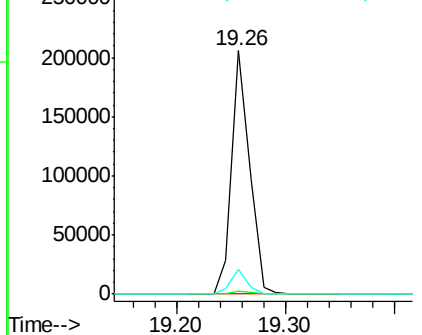


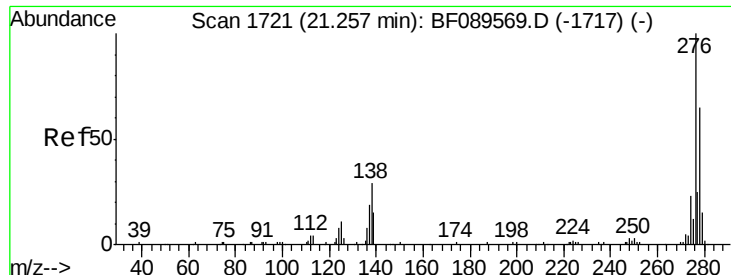
#84
 Di-n-octyl phthalate
 Concen: 38.41 ng
 RT: 19.26 min Scan# 1546
 Delta R.T. -0.00 min
 Lab File: BF089565.D
 Acq: 3 Aug 2016 17:48

Tgt Ion:149 Resp: 233470
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.1 1.7
 43 9.3 7.3 10.9



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

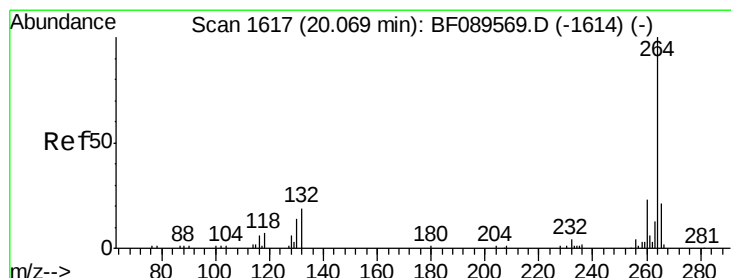
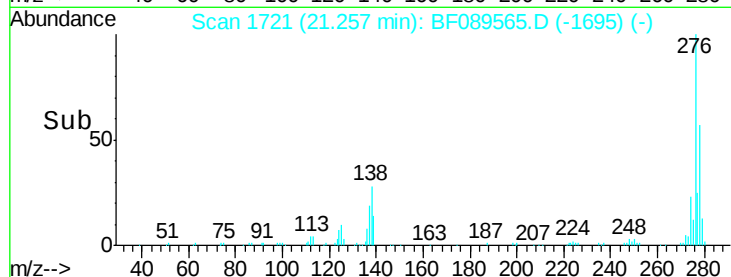
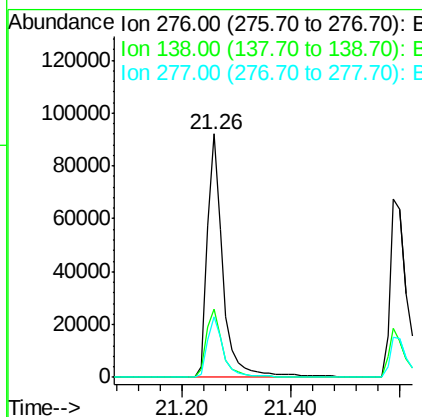
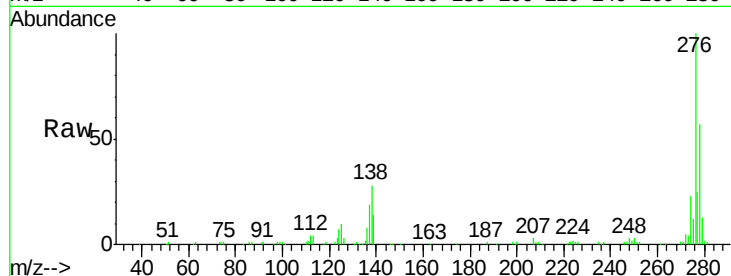




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.10 ng
 RT: 21.26 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: BF089565.D
 Acq: 3 Aug 2016 17:48

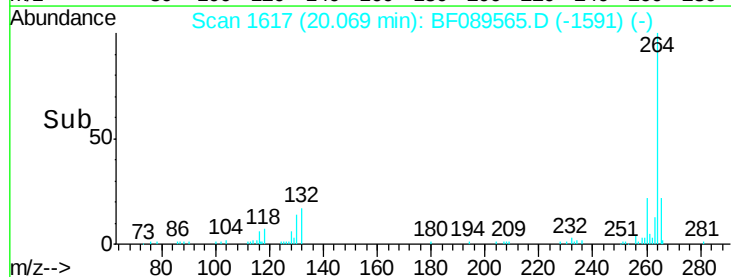
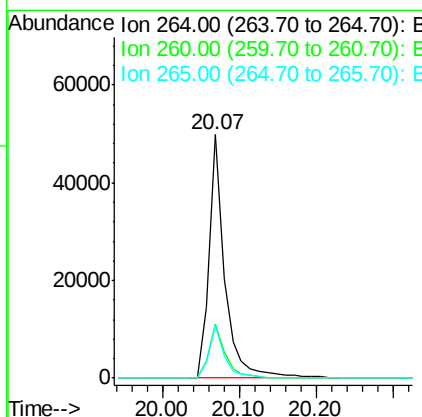
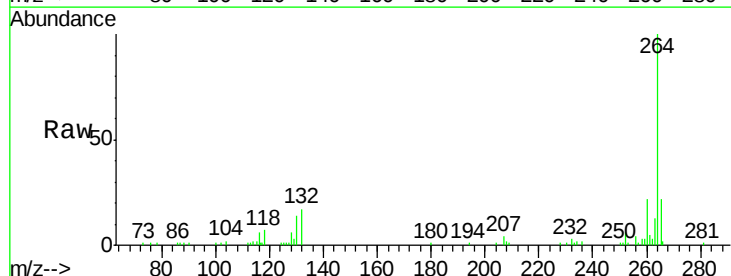
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

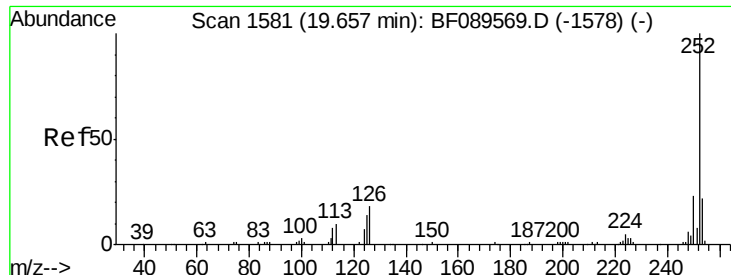
Tot Ion	Ratio	Lower	Upper
276	100		
138	29.6	23.5	35.3
277	25.5	20.5	30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.07 min Scan# 1617
 Delta R.T. -0.00 min
 Lab File: BF089565.D
 Acq: 3 Aug 2016 17:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.0	18.5	27.7
265	21.6	16.6	25.0

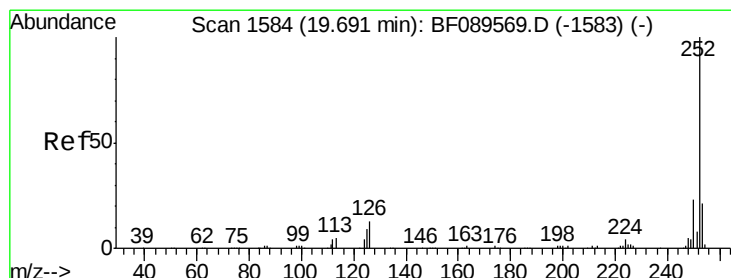
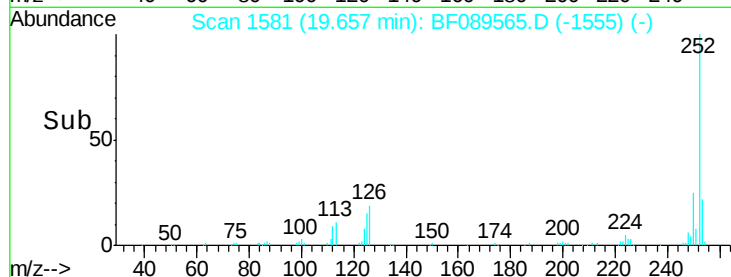
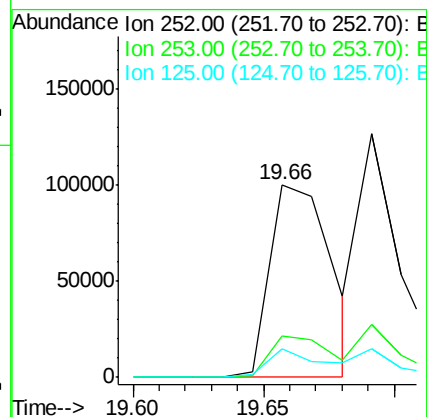
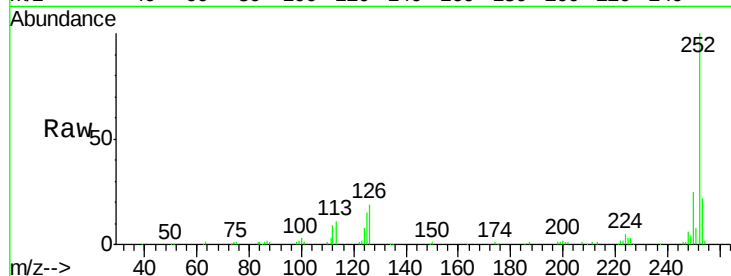




#87
Benzo(b)fluoranthene
Concen: 37.92 ng
RT: 19.66 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BF089565.D
Acq: 3 Aug 2016 17:48

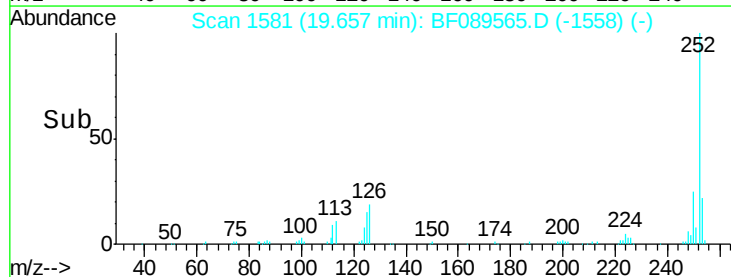
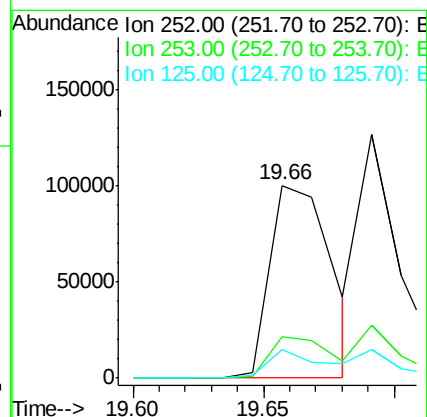
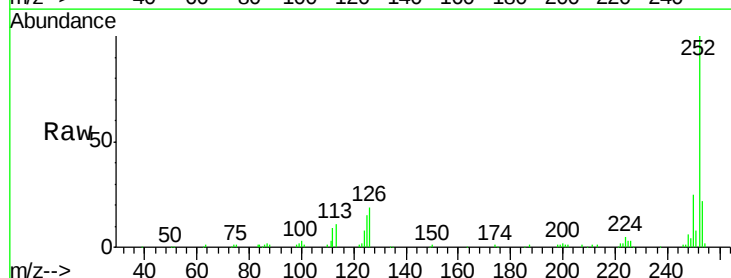
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

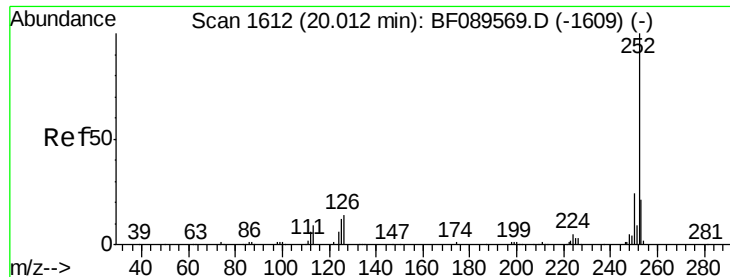
Tot Ion:252 Resp: 163835
Ion Ratio Lower Upper
252 100
253 21.6 17.6 26.4
125 14.5 11.0 16.4



#88
Benzo(k)fluoranthene
Concen: 38.50 ng
RT: 19.66 min Scan# 1581
Delta R.T. -0.03 min
Lab File: BF089565.D
Acq: 3 Aug 2016 17:48

Tgt Ion:252 Resp: 163835
Ion Ratio Lower Upper
252 100
253 21.6 17.2 25.8
125 14.5 9.3 13.9#





#89

Benzo(a)pyrene

Concen: 38.52 ng

RT: 20.01 min Scan# 1612

Delta R.T. -0.00 min

Lab File: BF089565.D

Acq: 3 Aug 2016 17:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

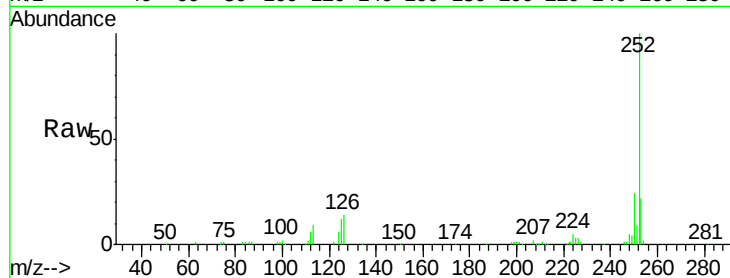
Tot Ion:252 Resp: 154298

Ion Ratio Lower Upper

252 100

253 21.6 16.6 24.8

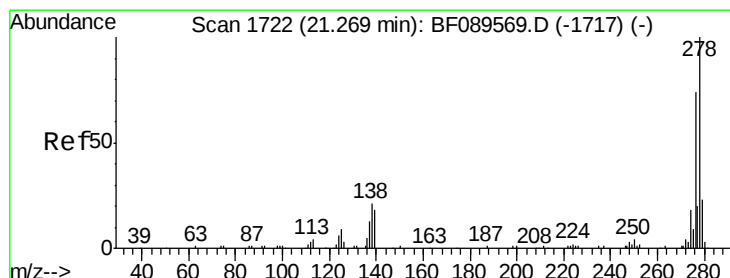
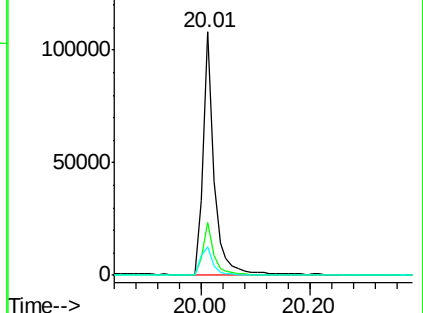
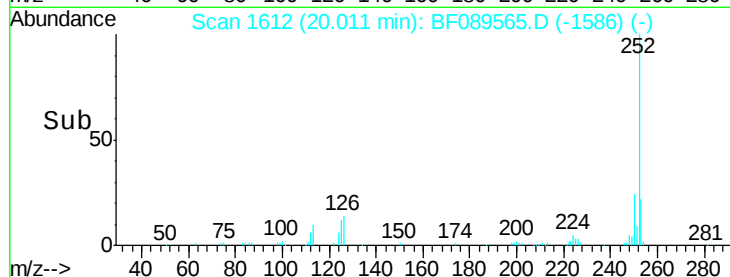
125 11.8 9.4 14.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 40.06 ng

RT: 21.27 min Scan# 1722

Delta R.T. -0.00 min

Lab File: BF089565.D

Acq: 3 Aug 2016 17:48

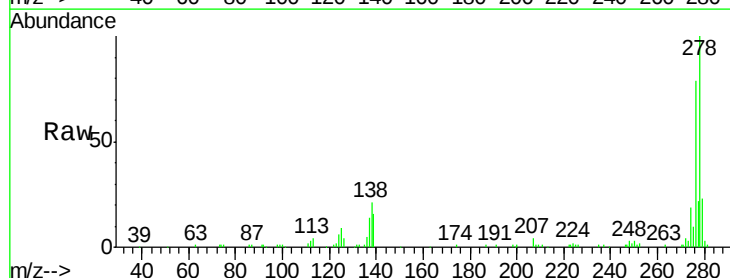
Tgt Ion:278 Resp: 151898

Ion Ratio Lower Upper

278 100

139 16.3 14.1 21.1

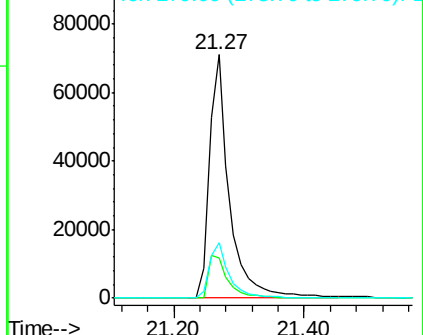
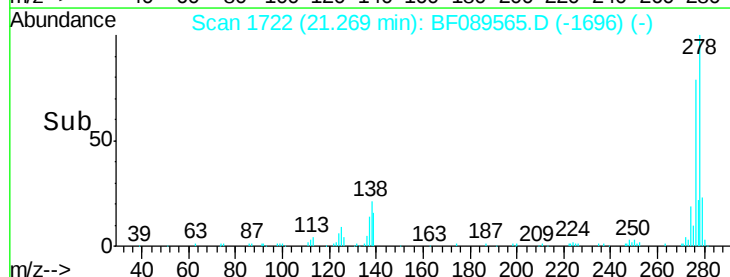
279 23.0 18.7 28.1

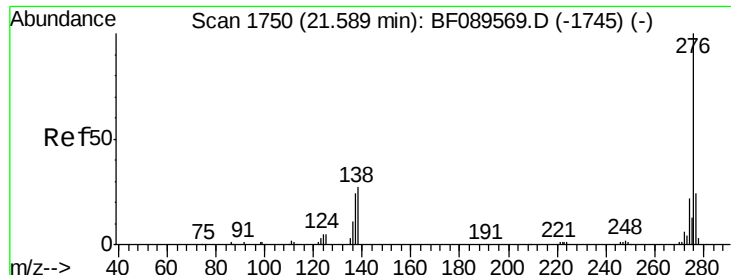


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 39.68 ng
 RT: 21.59 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: BF089565.D
 Acq: 3 Aug 2016 17:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.9	19.0	28.6
138	27.6	21.7	32.5

