

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080416\
 Data File : BF089605.D
 Acq On : 5 Aug 2016 00:45
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Aug 05 01:54:09 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 01:39:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	47981	20.00	ng	0.00
21) Naphthalene-d8	9.47	136	202919	20.00	ng	0.00
38) Acenaphthene-d10	12.30	164	94942	20.00	ng	0.00
63) Phenanthrene-d10	14.69	188	179743	20.00	ng	-0.01
75) Chrysene-d12	18.39	240	103550	20.00	ng	0.00
86) Perylene-d12	20.05	264	80095	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	224432	78.40	ng	0.00
7) Phenol-d6	6.98	99	301318	77.59	ng	0.00
23) Nitrobenzene-d5	8.36	82	292547	79.74	ng	0.00
41) 2,4,6-Tribromophenol	13.59	330	62843	80.21	ng	0.00
44) 2-Fluorobiphenyl	11.26	172	556337	76.16	ng	0.00
78) Terphenyl-d14	17.05	244	417721	79.64	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.74	88	58287	35.52	ng	96
3) Pyridine	2.31	79	116158	38.52	ng	98
4) n-Nitrosodimethylamine	2.28	42	46106	36.62	ng	97
6) Aniline	6.94	93	202997	40.34	ng	99
8) 2-Chlorophenol	7.12	128	137775	39.20	ng	99
9) Benzaldehyde	6.75	77	59624	42.32	ng	97
10) Phenol	7.00	94	137939	34.60	ng	100
11) bis(2-Chloroethyl)ether	7.10	93	130434	38.08	ng	98
12) 1,3-Dichlorobenzene	7.35	146	145874	38.22	ng	98
13) 1,4-Dichlorobenzene	7.47	146	145918	38.33	ng	100
14) 1,2-Dichlorobenzene	7.70	146	147118	36.66	ng	99
15) Benzyl Alcohol	7.74	79	96502	37.90	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.94	45	162353	37.22	ng	95
17) 2-Methylphenol	7.94	107	98075	38.64	ng	95
18) Hexachloroethane	8.23	117	59386	37.01	ng	97
19) n-Nitroso-di-n-propylamine	8.17	70	108212	38.57	ng	99
20) 3+4-Methylphenols	8.20	107	126242	39.40	ng	99
22) Acetophenone	8.14	105	207596	42.91	ng	99
24) Nitrobenzene	8.39	77	143751	41.25	ng	99
25) Isophorone	8.79	82	268723	38.25	ng	99
26) 2-Nitrophenol	8.89	139	63686	39.83	ng	99
27) 2,4-Dimethylphenol	9.03	122	118651	41.27	ng	98
28) bis(2-Chloroethoxy)methane	9.18	93	170639	40.15	ng	100
29) 2,4-Dichlorophenol	9.30	162	106900	39.30	ng	98
30) 1,2,4-Trichlorobenzene	9.40	180	121106	38.98	ng	98
31) Naphthalene	9.51	128	419848	38.93	ng	99
32) Benzoic acid	9.36	122	66967	37.07	ng	99
33) 4-Chloroaniline	9.64	127	161195	39.80	ng	100
34) Hexachlorobutadiene	9.72	225	69813	39.02	ng	99
35) Caprolactam	10.28	113	31895	40.23	ng	93
36) 4-Chloro-3-methylphenol	10.50	107	127705	40.39	ng	98
37) 2-Methylnaphthalene	10.63	142	253882	38.28	ng	99
39) 1,2,4,5-Tetrachlorobenzene	10.91	216	139695	39.15	ng	99
40) Hexachlorocyclopentadiene	10.89	237	45953	42.05	ng	100

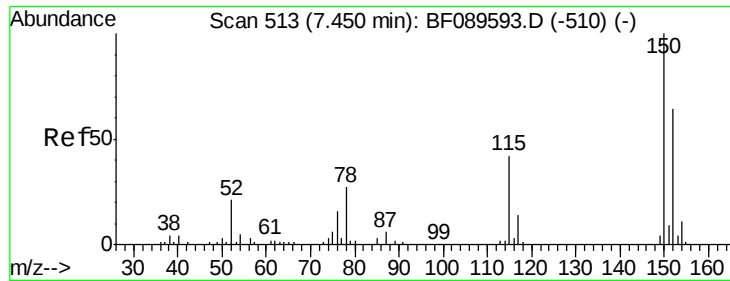
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080416\
 Data File : BF089605.D
 Acq On : 5 Aug 2016 00:45
 Operator : UM/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC0040EC

Quant Time: Aug 05 01:54:09 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.13	196	70317	39.95	ng	98
43) 2,4,5-Trichlorophenol	11.20	196	74161	39.42	ng	96
45) 1,1'-Biphenyl	11.40	154	333766	38.98	ng	99
46) 2-Chloronaphthalene	11.42	162	251707	39.21	ng	98
47) 2-Nitroaniline	11.62	65	80700	39.00	ng	99
48) Acenaphthylene	12.07	152	405785	38.37	ng	100
49) Dimethylphthalate	11.96	163	285976	38.43	ng	100
50) 2,6-Dinitrotoluene	12.04	165	60366	40.80	ng	99
51) Acenaphthene	12.35	154	236040	38.65	ng	99
52) 3-Nitroaniline	12.31	138	67141	37.94	ng	97
53) 2,4-Dinitrophenol	12.51	184	17523	36.08	ng	97
54) Dibenzofuran	12.64	168	327675	39.02	ng	99
55) 4-Nitrophenol	12.64	139	124630	Below Cal	#	22
56) 2,4-Dinitrotoluene	12.70	165	79375	38.14	ng	99
57) Fluorene	13.19	166	273193	38.06	ng	99
58) 2,3,4,6-Tetrachlorophenol	12.87	232	52649	36.87	ng	96
59) Diethylphthalate	13.11	149	291548	37.88	ng	98
60) 4-Chlorophenyl-phenylether	13.22	204	128024	38.90	ng	98
61) 4-Nitroaniline	13.31	138	62701	39.41	ng	97
62) Azobenzene	13.47	77	298132	40.05	ng	92
64) 4,6-Dinitro-2-methylphenol	13.36	198	40469	38.05	ng	95
65) n-Nitrosodiphenylamine	13.44	169	236843	39.01	ng	100
66) 4-Bromophenyl-phenylether	14.01	248	70839	40.75	ng	97
67) Hexachlorobenzene	14.07	284	73065	38.20	ng	96
68) Atrazine	14.35	200	73116	43.13	ng	98
69) Pentachlorophenol	14.42	266	33046	42.40	ng	99
70) Phenanthrene	14.73	178	372298	38.09	ng	100
71) Anthracene	14.81	178	391399	37.35	ng	100
72) Carbazole	15.10	167	334710	38.33	ng	99
73) Di-n-butylphthalate	15.69	149	451151	38.20	ng	99
74) Fluoranthene	16.49	202	371871	37.01	ng	99
76) Benzidine	16.73	184	138701	44.19	ng	99
77) Pyrene	16.79	202	362206	39.56	ng	99
79) Butylbenzylphthalate	17.71	149	154577	39.68	ng	# 80
80) Benzo(a)anthracene	18.38	228	231446	38.90	ng	98
81) 3,3'-Dichlorobenzidine	18.37	252	77346	41.26	ng	98
82) Chrysene	18.42	228	236483	37.89	ng	99
83) Bis(2-ethylhexyl)phthalate	18.47	149	209990	38.93	ng	99
84) Di-n-octyl phthalate	19.23	149	300583	38.72	ng	100
85) Indeno(1,2,3-cd)pyrene	21.22	276	207589	43.80	ng	99
87) Benzo(b)fluoranthene	19.63	252	186294	37.82	ng	# 95
88) Benzo(k)fluoranthene	19.63	252	186294	37.49	ng	99
89) Benzo(a)pyrene	19.99	252	178051	38.60	ng	99
90) Dibenzo(a,h)anthracene	21.23	278	181357	42.09	ng	100
91) Benzo(g,h,i)perylene	21.55	276	189465	42.95	ng	98

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

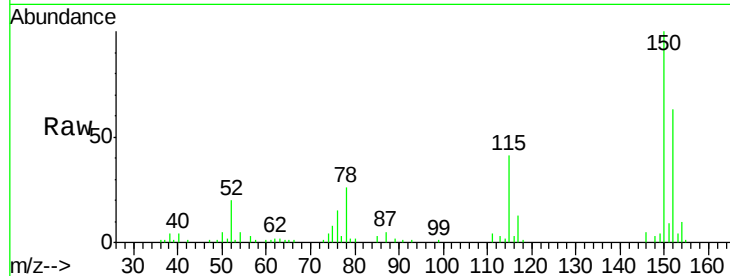


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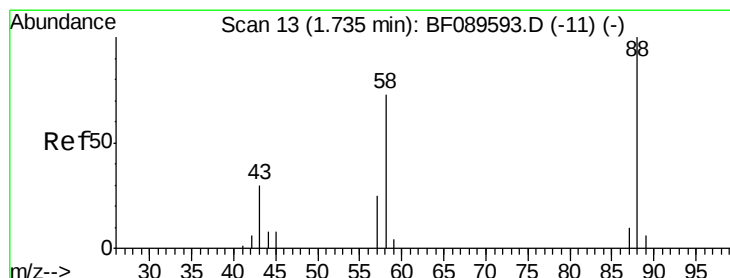
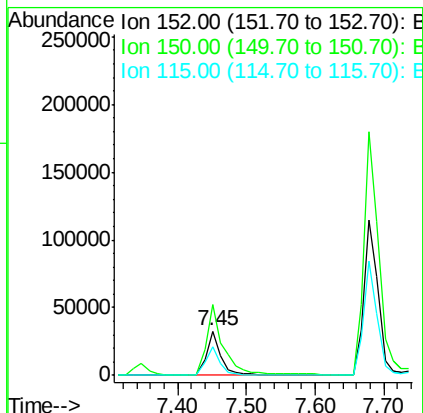
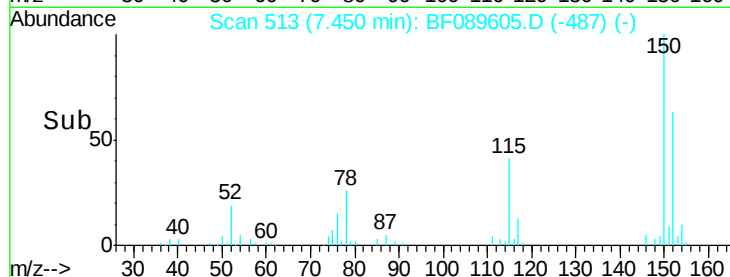
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.45 min Scan# 513
 Delta R.T. 0.00 min
 Lab File: BF089605.D
 Acq: 5 Aug 2016 00:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:152 Resp: 47981
 Ion Ratio Lower Upper
 152 100
 150 159.3 125.5 188.3
 115 65.4 52.0 78.0



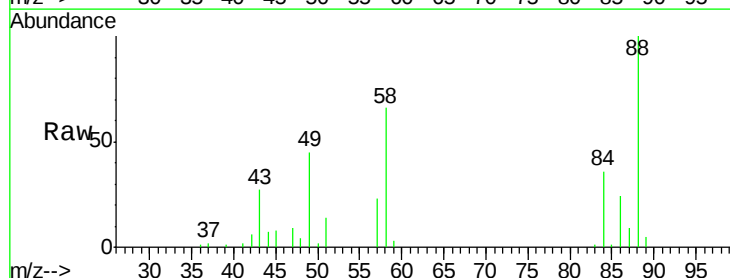
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



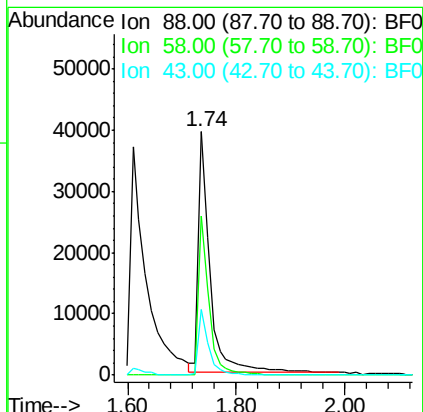
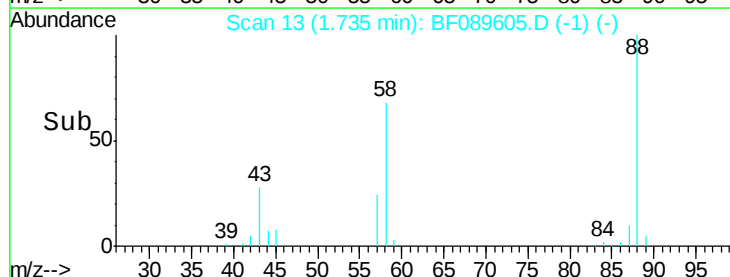
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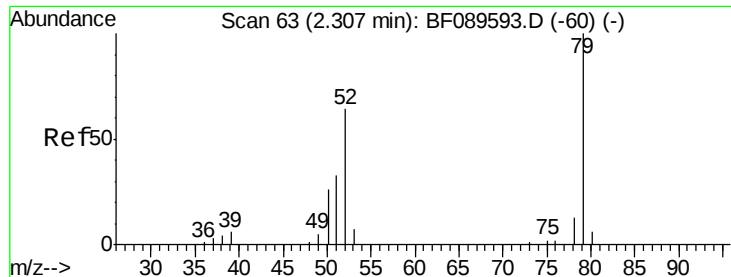
1,4-Dioxane
 Concen: 35.52 ng
 RT: 1.74 min Scan# 13
 Delta R.T. 0.00 min
 Lab File: BF089605.D
 Acq: 5 Aug 2016 00:45

Tgt Ion: 88 Resp: 58287
 Ion Ratio Lower Upper
 88 100
 58 58.7 49.8 74.8
 43 23.6 20.1 30.1



Abundance Ion 88.00 (87.70 to 88.70): BF0
 Ion 58.00 (57.70 to 58.70): BF0
 Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 38.52 ng

RT: 2.31 min Scan# 63

Delta R.T. 0.00 min

Lab File: BF089605.D

Acq: 5 Aug 2016 00:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

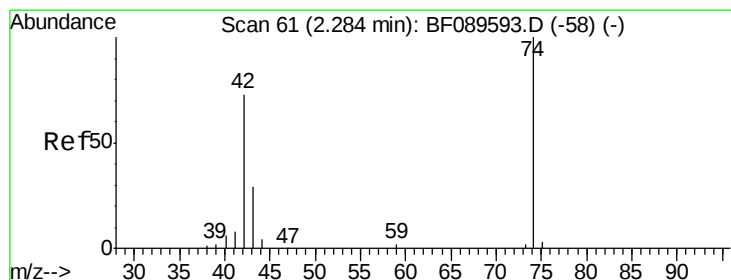
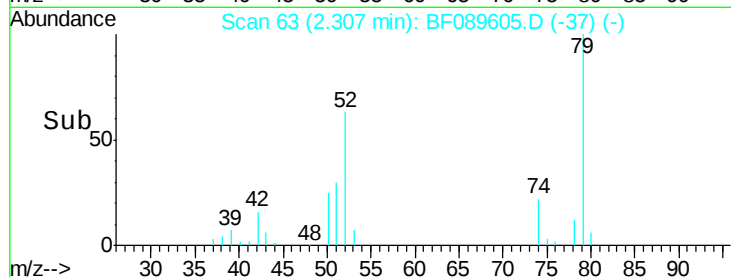
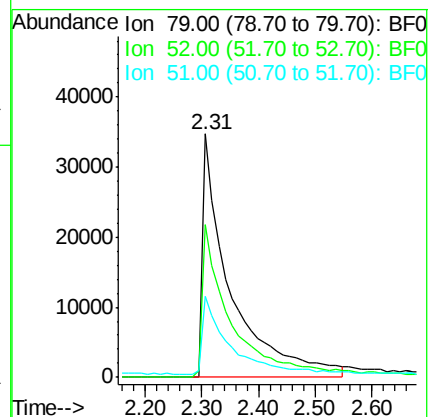
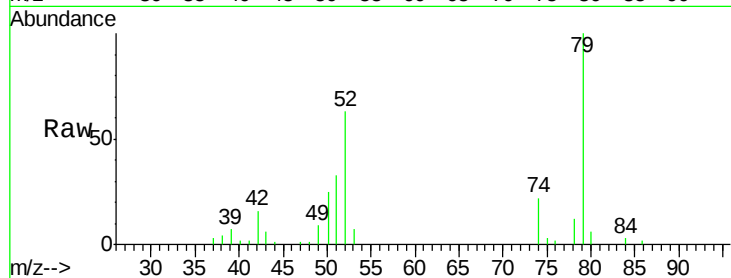
Tgt Ion: 79 Resp: 116158

Ion Ratio Lower Upper

79 100

52 62.8 51.0 76.4

51 33.1 27.9 41.9



#4

n-Nitrosodimethylamine

Concen: 36.62 ng

RT: 2.28 min Scan# 61

Delta R.T. 0.00 min

Lab File: BF089605.D

Acq: 5 Aug 2016 00:45

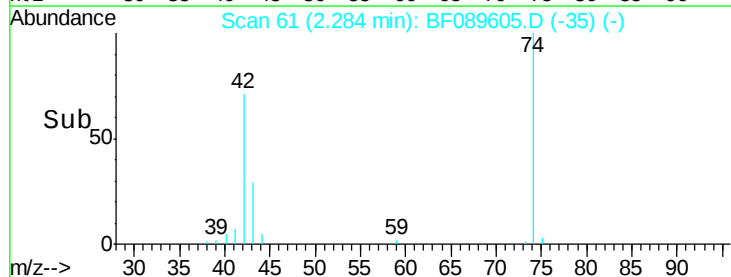
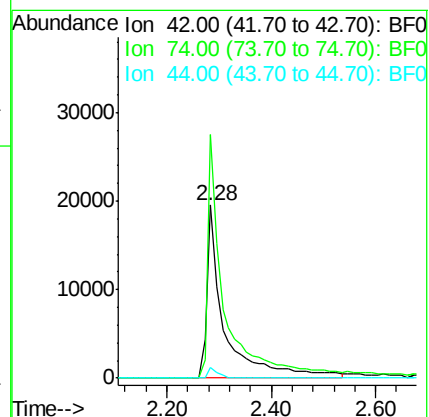
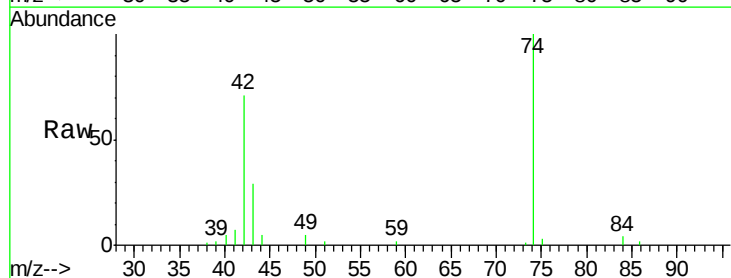
Tgt Ion: 42 Resp: 46106

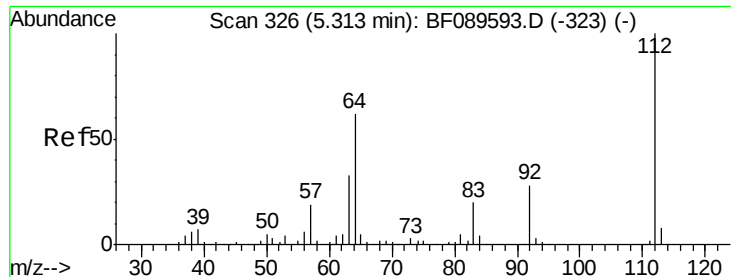
Ion Ratio Lower Upper

42 100

74 140.6 110.0 165.0

44 6.5 4.8 7.2





#5

2-Fluorophenol

Concen: 78.40 ng

RT: 5.31 min Scan# 326

Delta R.T. 0.00 min

Lab File: BF089605.D

Acq: 5 Aug 2016 00:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

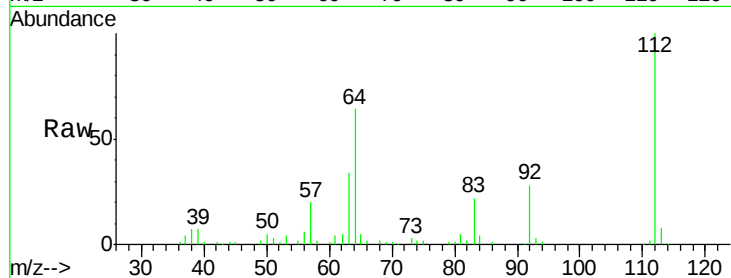
Tgt Ion: 112 Resp: 224432

Ion Ratio Lower Upper

112 100

64 64.5 49.9 74.9

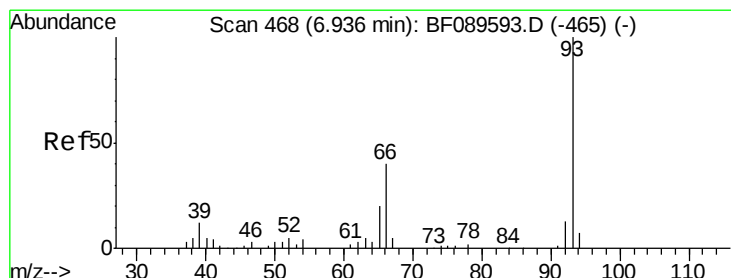
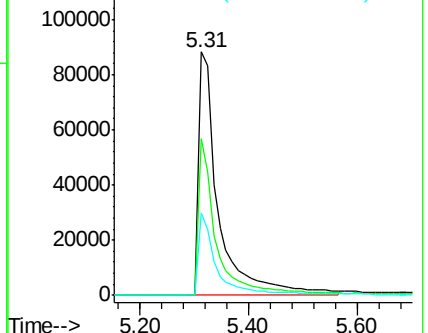
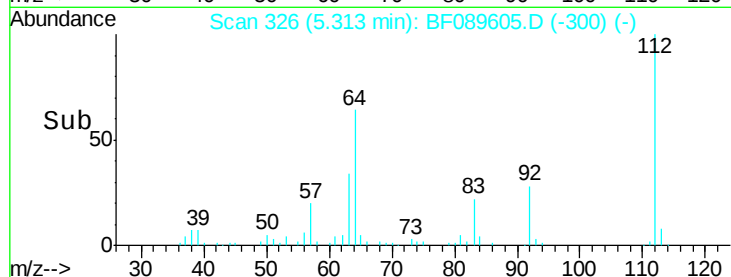
63 33.6 26.1 39.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 40.34 ng

RT: 6.94 min Scan# 468

Delta R.T. 0.00 min

Lab File: BF089605.D

Acq: 5 Aug 2016 00:45

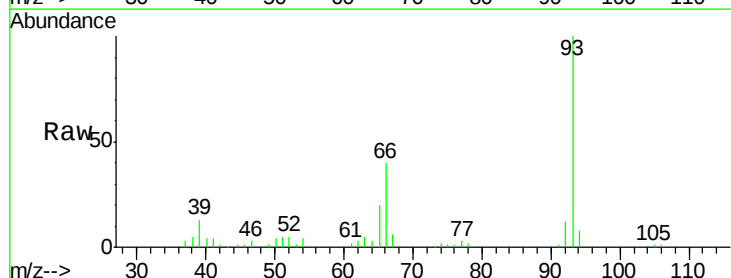
Tgt Ion: 93 Resp: 202997

Ion Ratio Lower Upper

93 100

66 40.4 32.2 48.2

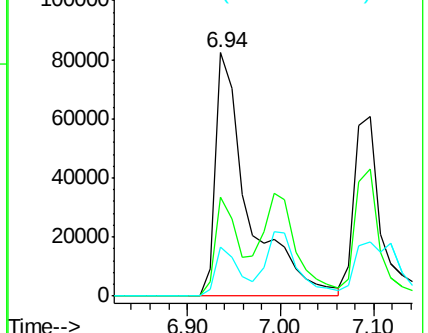
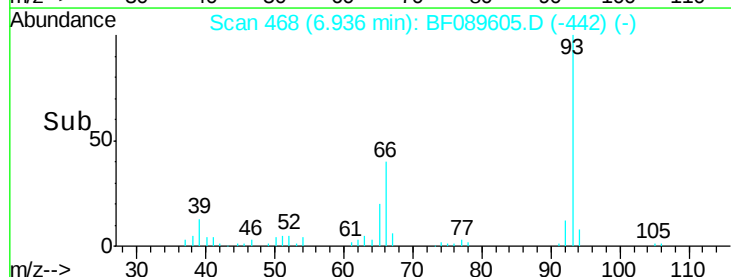
65 20.4 15.8 23.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 77.59 ng

RT: 6.98 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF089605.D

Acq: 5 Aug 2016 00:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

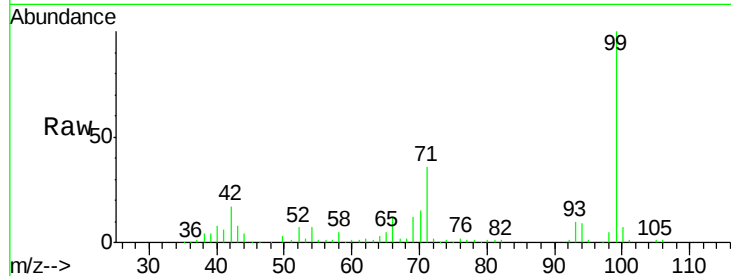
Tgt Ion: 99 Resp: 301318

Ion Ratio Lower Upper

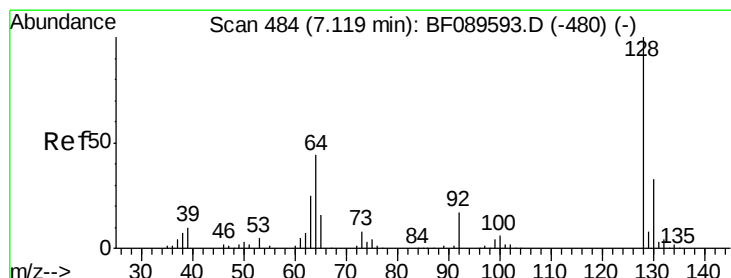
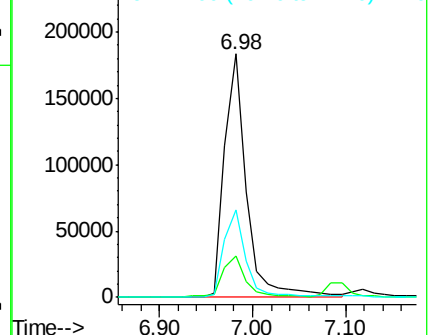
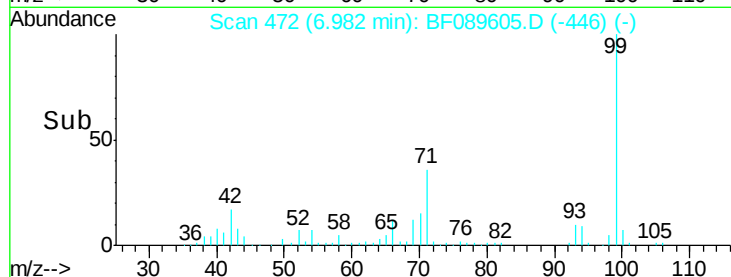
99 100

42 17.1 13.7 20.5

71 35.8 29.0 43.4



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



#8

2-Chlorophenol

Concen: 39.20 ng

RT: 7.12 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF089605.D

Acq: 5 Aug 2016 00:45

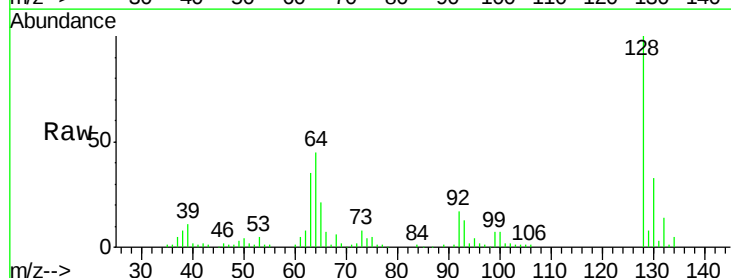
Tgt Ion: 128 Resp: 137775

Ion Ratio Lower Upper

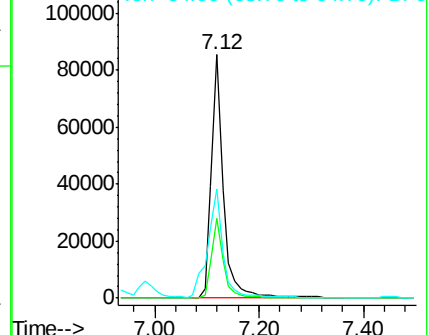
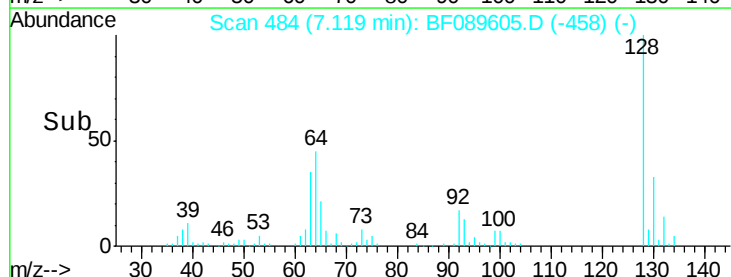
128 100

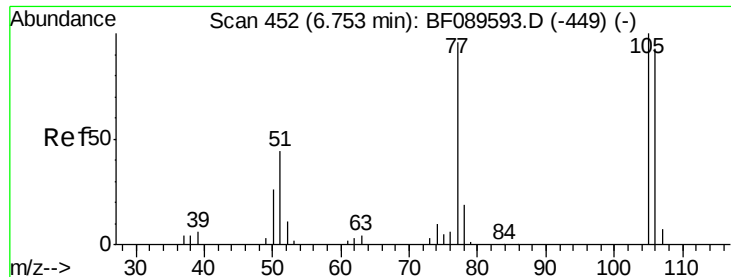
130 32.8 12.6 52.6

64 44.9 25.3 65.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0

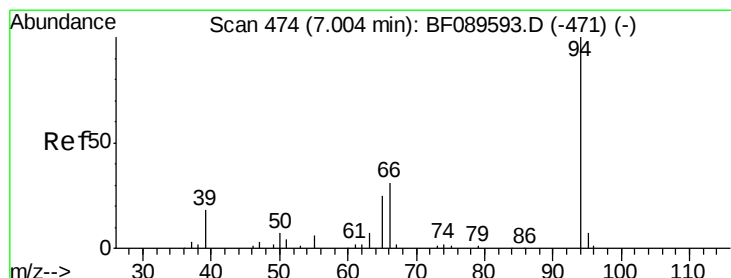
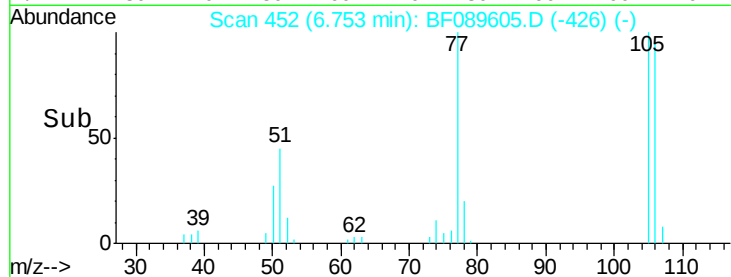
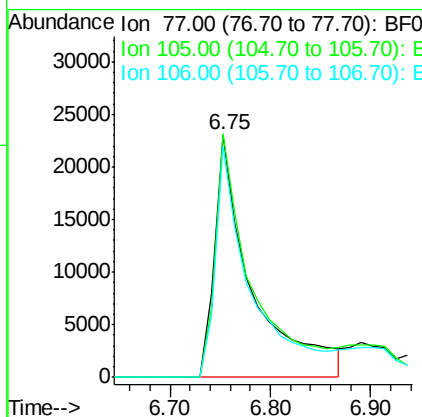
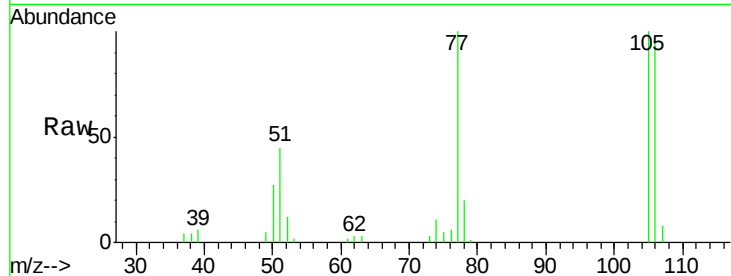




#9
Benzaldehyde
Concen: 42.32 ng
RT: 6.75 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF089605.D
Acq: 5 Aug 2016 00:45

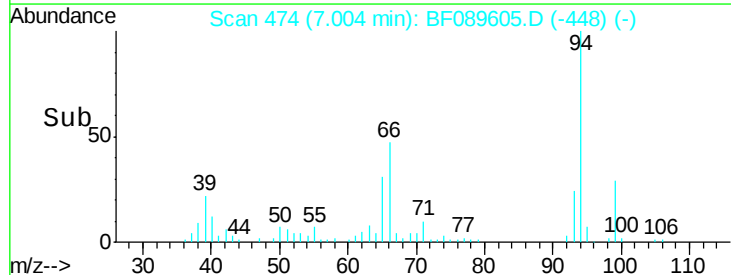
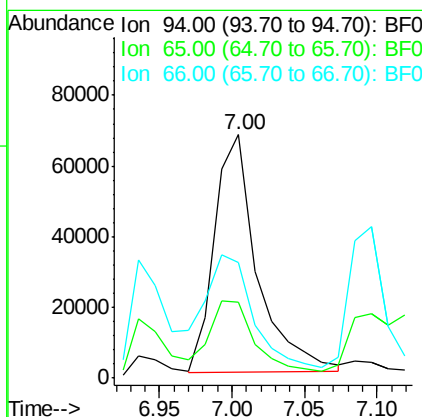
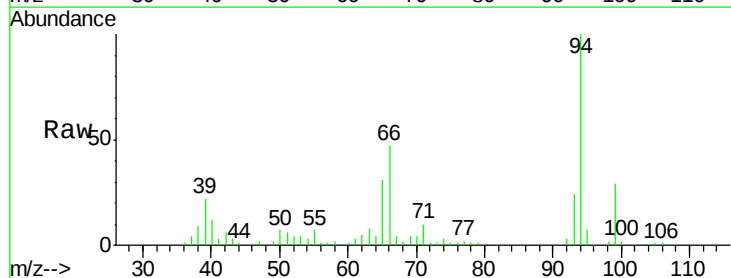
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

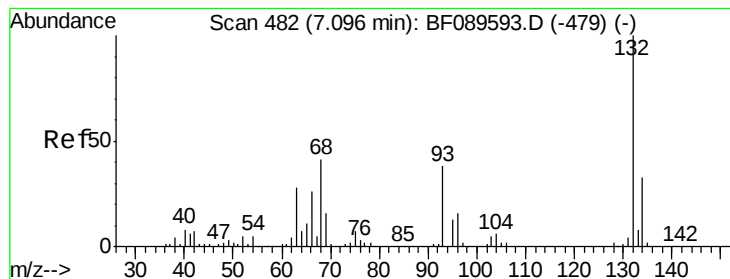
Tgt Ion: 77 Resp: 59624
Ion Ratio Lower Upper
77 100
105 100.4 84.7 124.7
106 95.4 77.1 117.1



#10
Phenol
Concen: 34.60 ng
RT: 7.00 min Scan# 474
Delta R.T. 0.00 min
Lab File: BF089605.D
Acq: 5 Aug 2016 00:45

Tgt Ion: 94 Resp: 137939
Ion Ratio Lower Upper
94 100
65 31.3 11.0 51.0
66 47.3 27.4 67.4

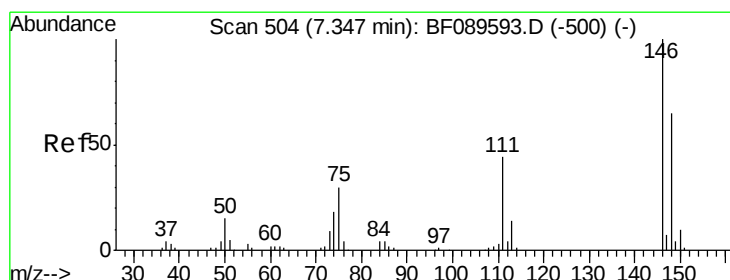
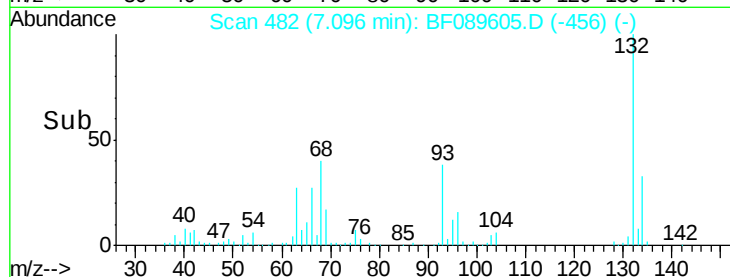
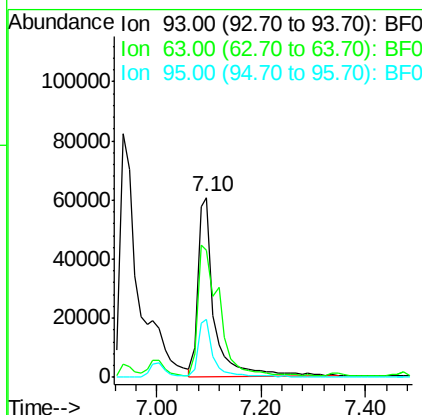
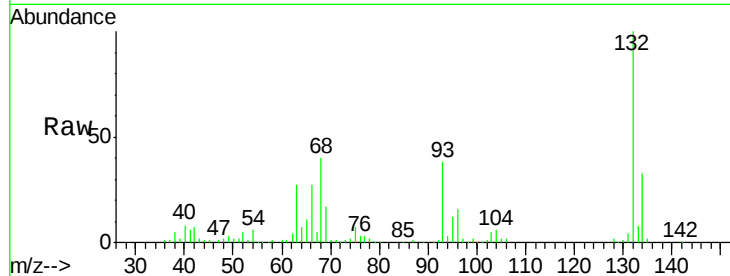




#11
 bis(2-Chloroethyl)ether
 Concen: 38.08 ng
 RT: 7.10 min Scan# 482
 Delta R.T. 0.00 min
 Lab File: BF089605.D
 Acq: 5 Aug 2016 00:45

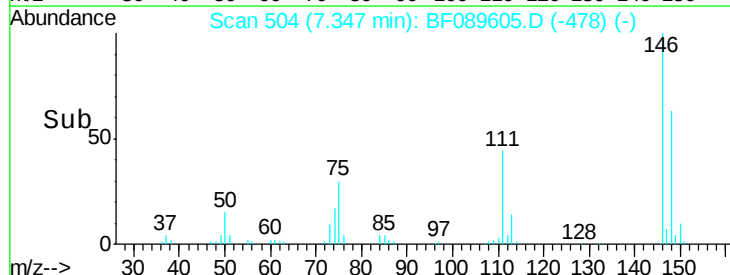
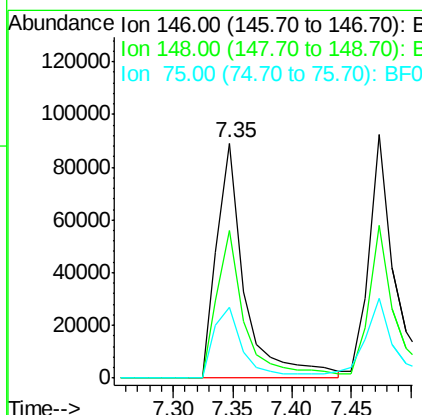
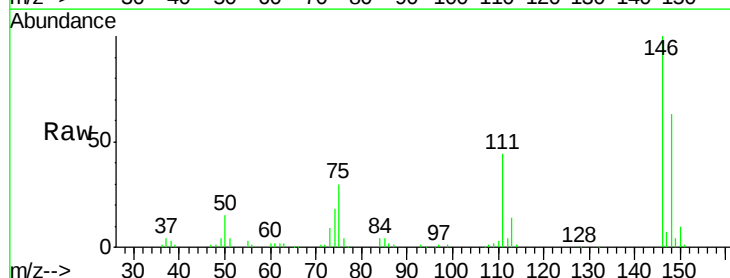
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

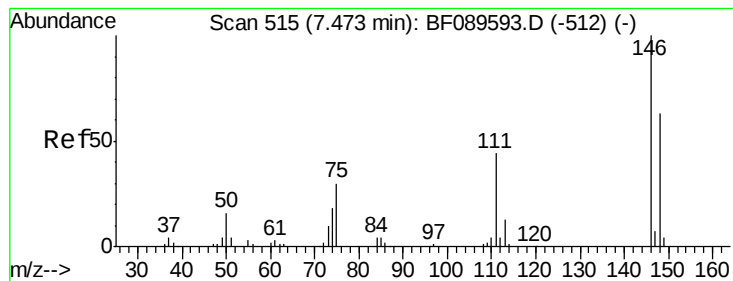
Tgt Ion: 93 Resp: 130434
 Ion Ratio Lower Upper
 93 100
 63 70.8 52.2 92.2
 95 32.3 13.1 53.1



#12
 1,3-Dichlorobenzene
 Concen: 38.22 ng
 RT: 7.35 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: BF089605.D
 Acq: 5 Aug 2016 00:45

Tgt Ion: 146 Resp: 145874
 Ion Ratio Lower Upper
 146 100
 148 62.8 52.1 78.1
 75 29.9 24.1 36.1





#13

1,4-Dichlorobenzene

Concen: 38.33 ng

RT: 7.47 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF089605.D

Acq: 5 Aug 2016 00:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

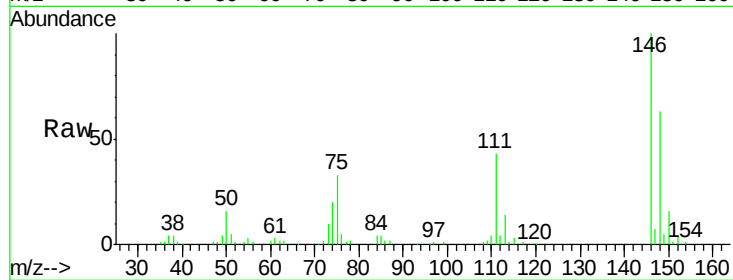
Tgt Ion:146 Resp: 145918

Ion Ratio Lower Upper

146 100

148 62.9 50.4 75.6

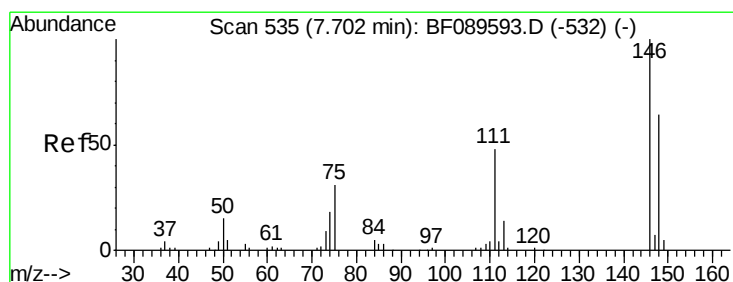
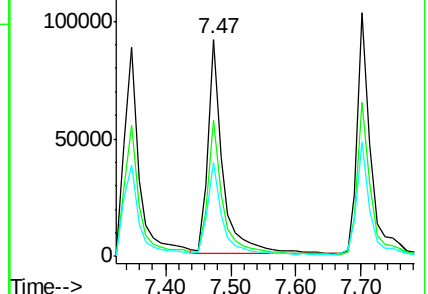
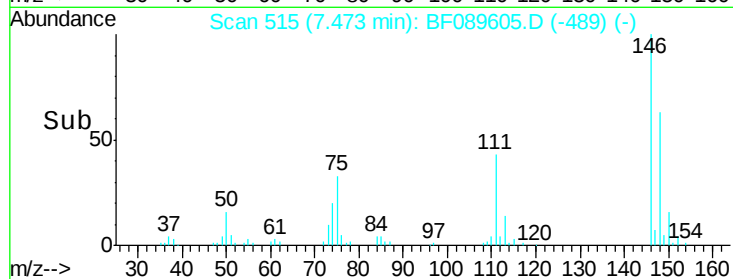
111 43.2 35.0 52.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 36.66 ng

RT: 7.70 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF089605.D

Acq: 5 Aug 2016 00:45

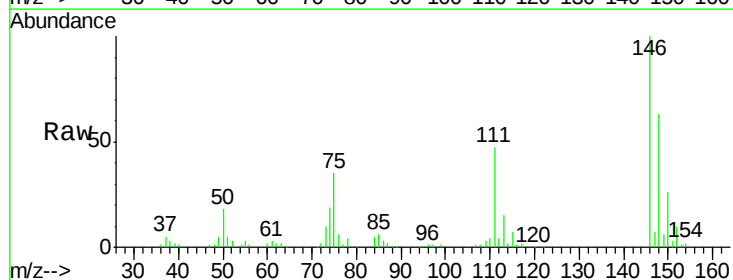
Tgt Ion:146 Resp: 147118

Ion Ratio Lower Upper

146 100

148 63.1 51.0 76.6

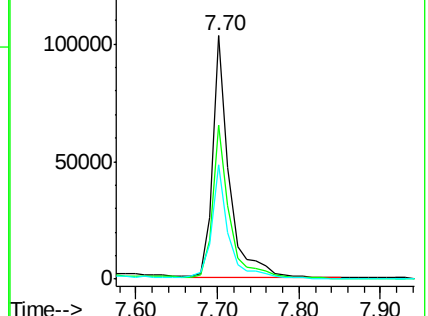
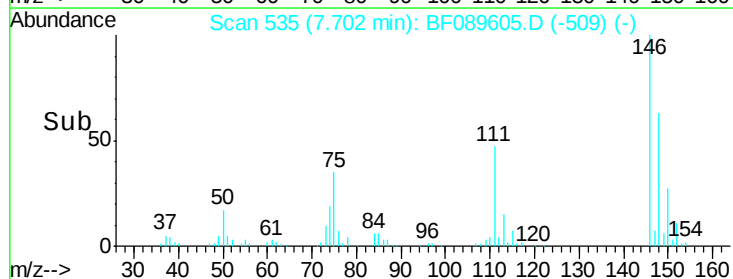
111 46.9 38.5 57.7

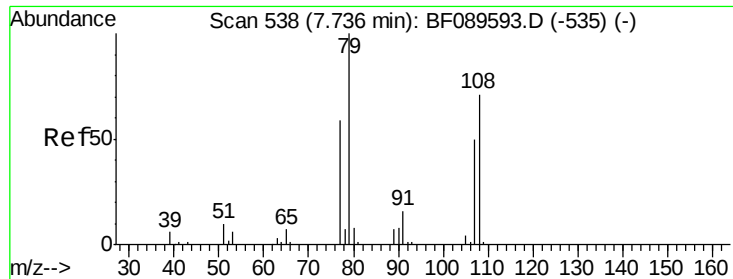


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

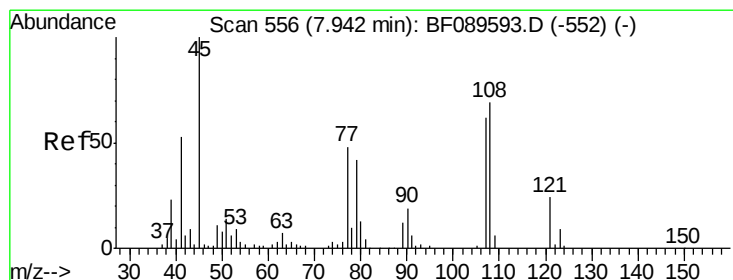
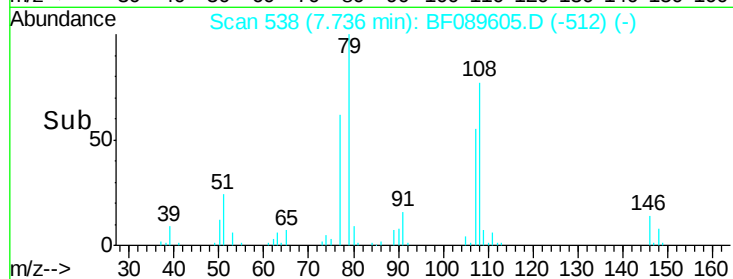
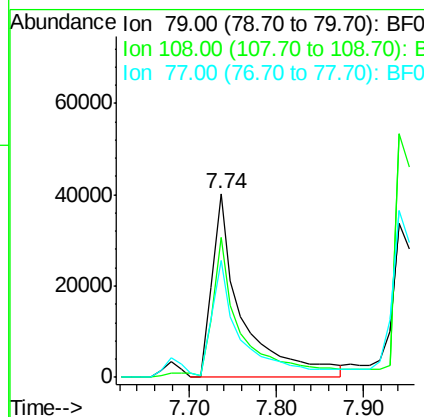
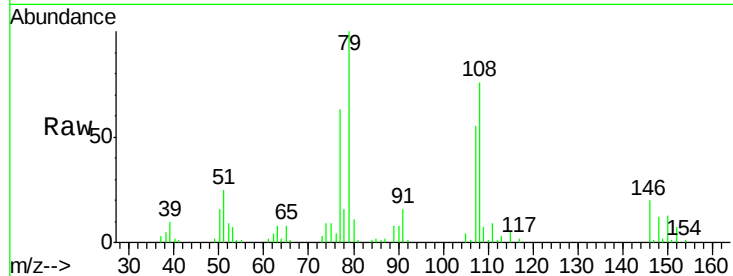




#15
Benzyl Alcohol
Concen: 37.90 ng
RT: 7.74 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF089605.D
Acq: 5 Aug 2016 00:45

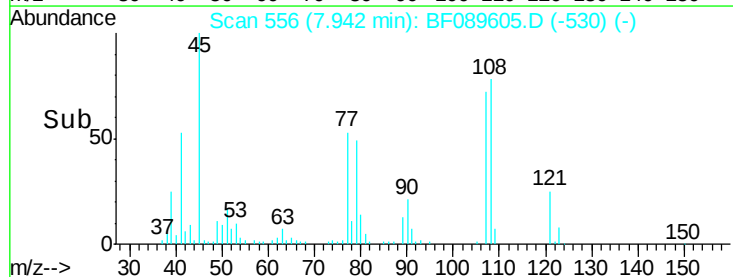
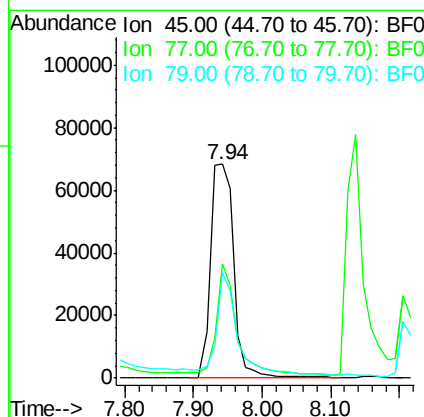
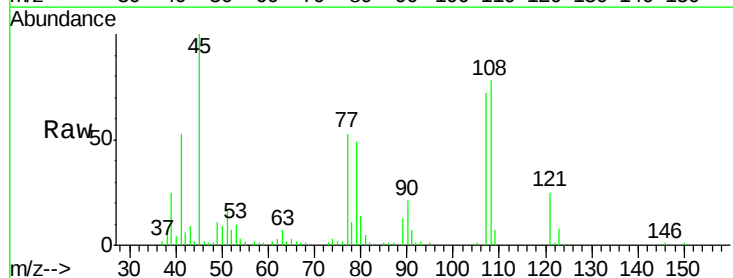
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

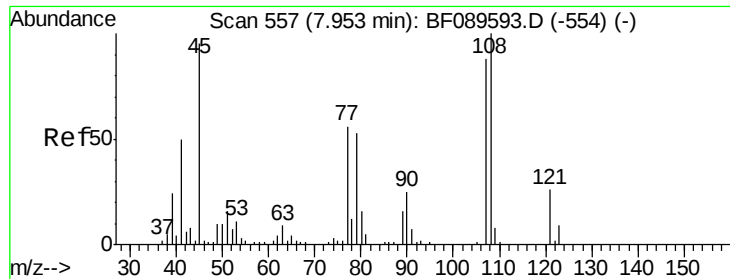
Tgt Ion: 79 Resp: 96502
Ion Ratio Lower Upper
79 100
108 76.1 58.3 87.5
77 63.3 48.7 73.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.22 ng
RT: 7.94 min Scan# 556
Delta R.T. 0.00 min
Lab File: BF089605.D
Acq: 5 Aug 2016 00:45

Tgt Ion: 45 Resp: 162353
Ion Ratio Lower Upper
45 100
77 53.3 30.1 70.1
79 49.5 25.5 65.5

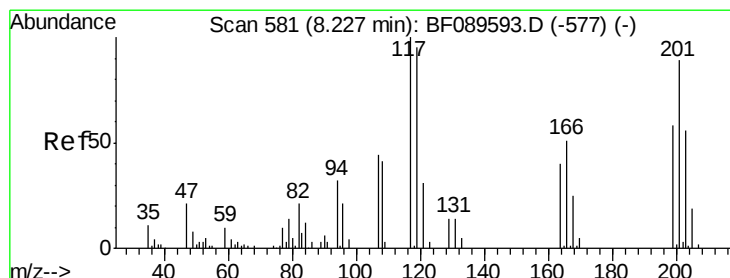
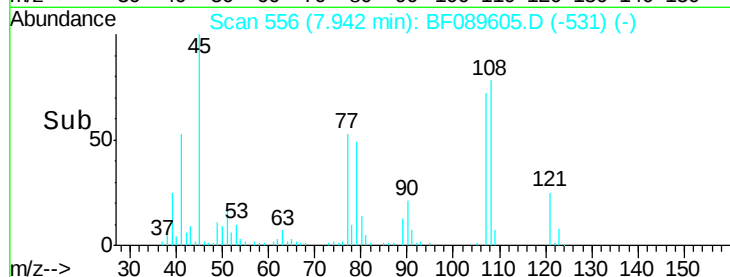
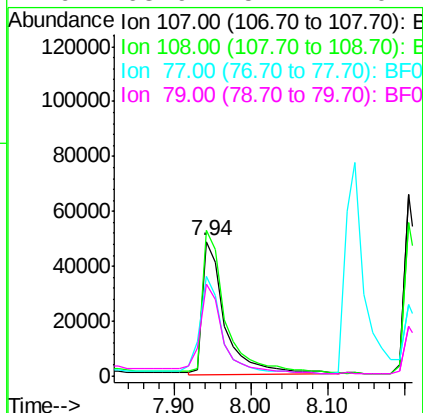
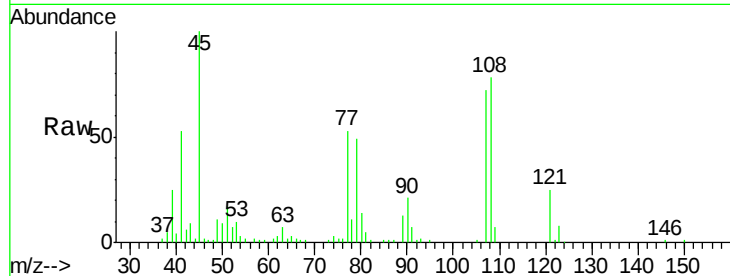




#17
2-Methylphenol
Concen: 38.64 ng
RT: 7.94 min Scan# 556
Delta R.T. -0.01 min
Lab File: BF089605.D
Acq: 5 Aug 2016 00:45

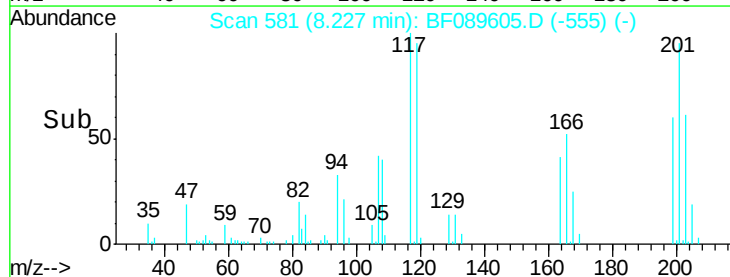
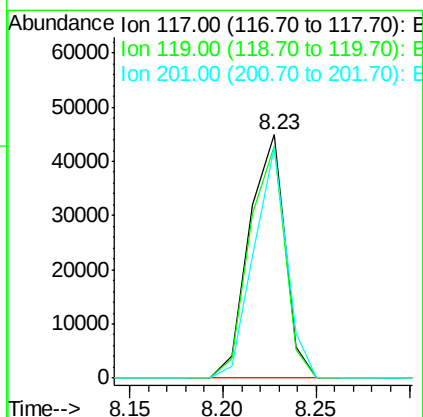
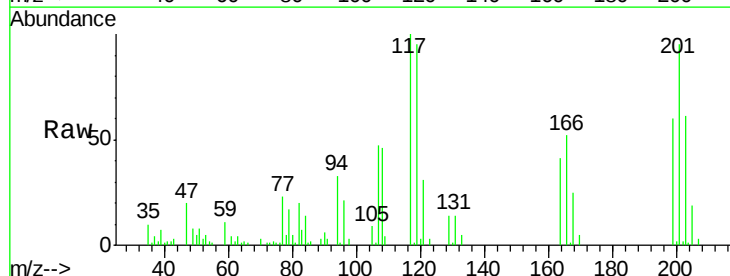
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

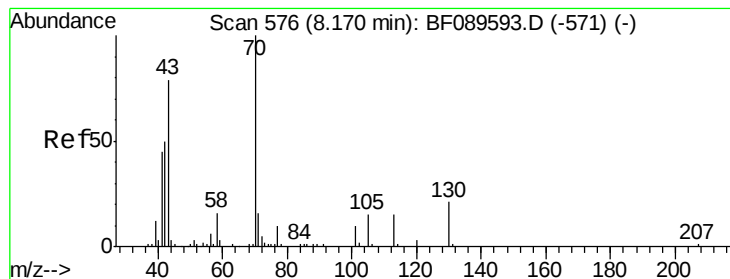
Tgt Ion:107 Resp: 98075
Ion Ratio Lower Upper
107 100
108 108.8 91.2 136.8
77 74.3 54.6 82.0
79 68.9 52.7 79.1



#18
Hexachloroethane
Concen: 37.01 ng
RT: 8.23 min Scan# 581
Delta R.T. 0.00 min
Lab File: BF089605.D
Acq: 5 Aug 2016 00:45

Tgt Ion:117 Resp: 59386
Ion Ratio Lower Upper
117 100
119 95.2 75.7 113.5
201 94.9 71.6 107.4





#19

n-Nitroso-di-n-propylamine

Concen: 38.57 ng

RT: 8.17 min Scan# 576

Delta R.T. 0.00 min

Lab File: BF089605.D

Acq: 5 Aug 2016 00:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 70 Resp: 108212

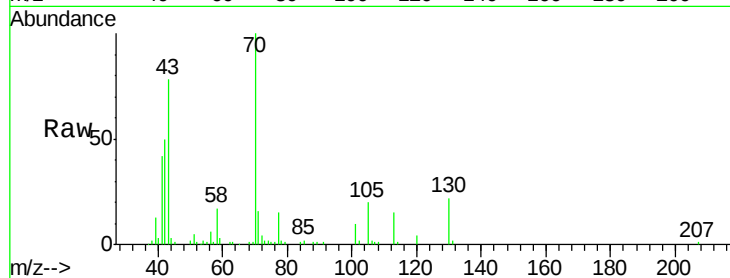
Ion Ratio Lower Upper

70 100

42 49.5 40.2 60.2

101 10.1 7.8 11.6

130 21.6 16.4 24.6

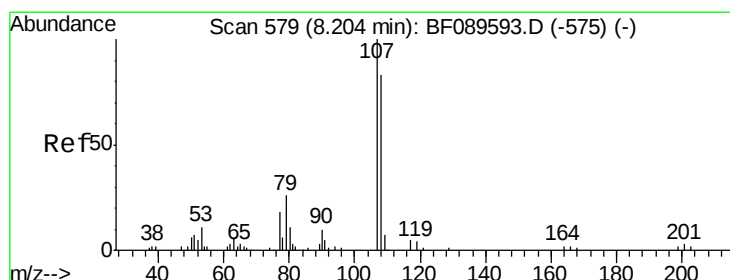
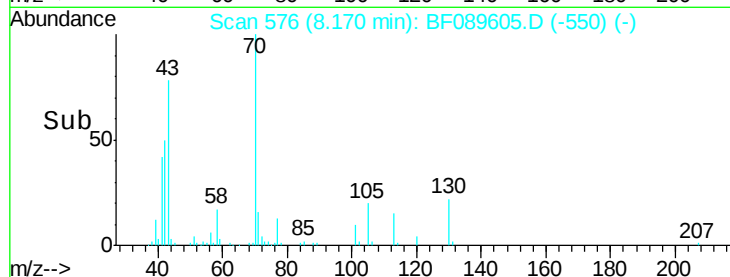
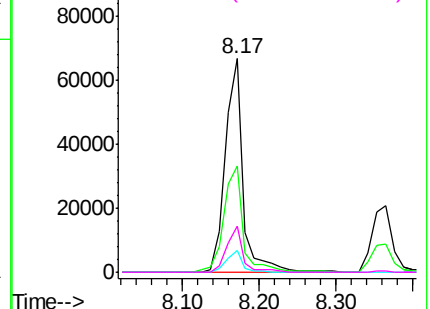


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 39.40 ng

RT: 8.20 min Scan# 579

Delta R.T. 0.00 min

Lab File: BF089605.D

Acq: 5 Aug 2016 00:45

Tgt Ion: 107 Resp: 126242

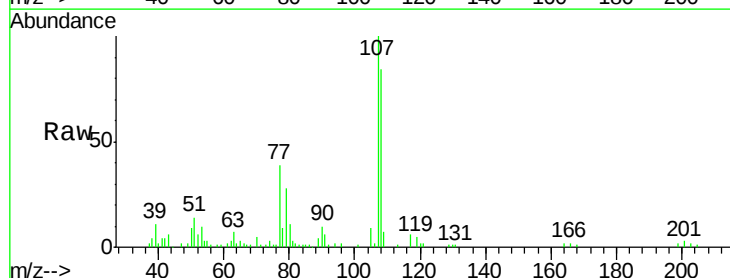
Ion Ratio Lower Upper

107 100

108 84.3 63.8 103.8

77 39.4 19.5 59.5

79 27.5 7.1 47.1

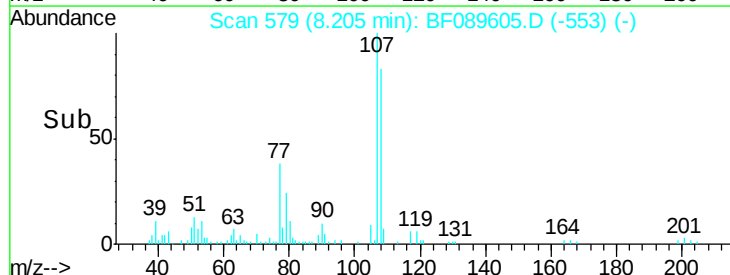
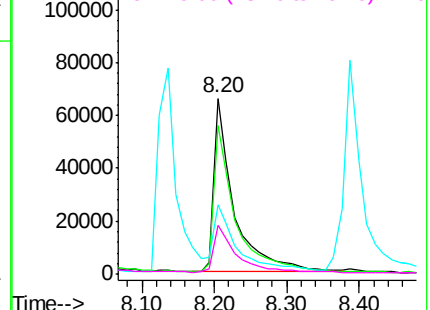


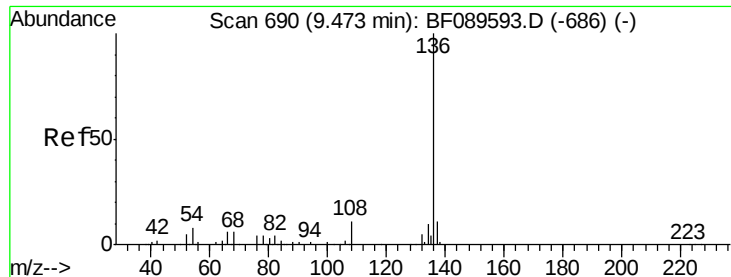
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

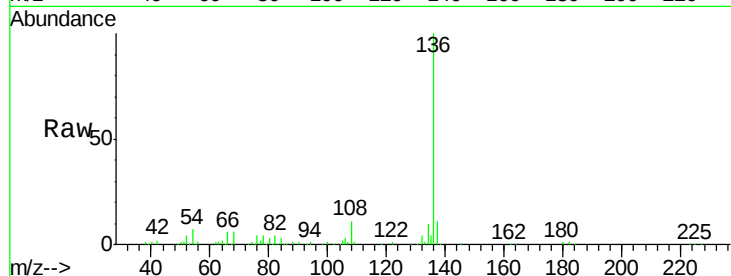




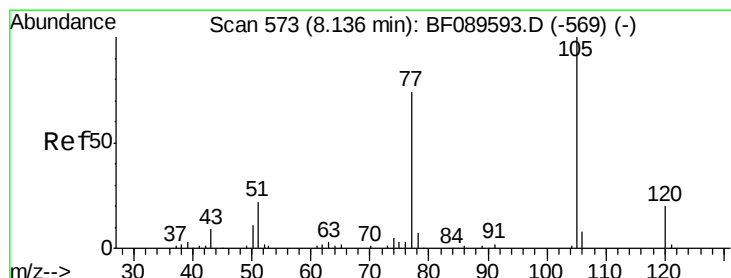
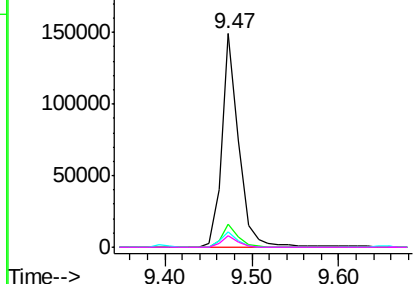
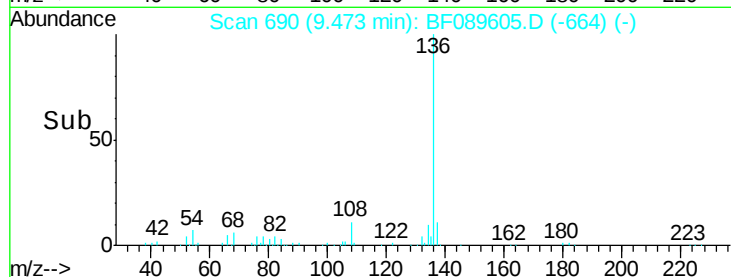
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.47 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF089605.D
Acq: 5 Aug 2016 00:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	136	Resp:	202919
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	7.2	6.0	9.0
68	5.7	4.6	6.8

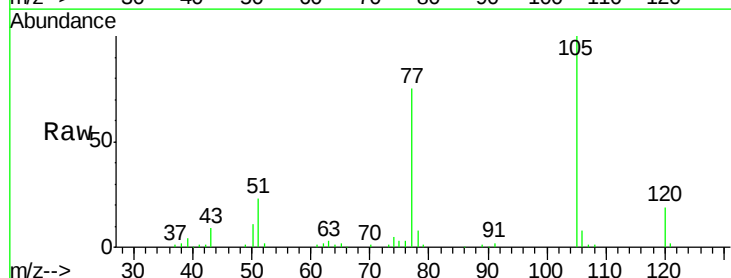


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

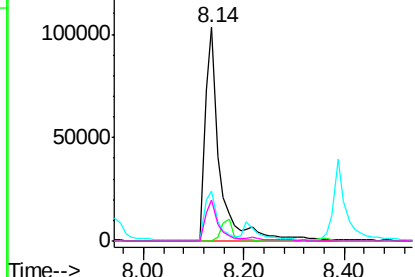
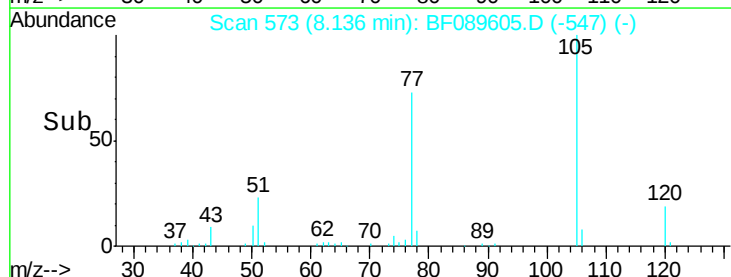


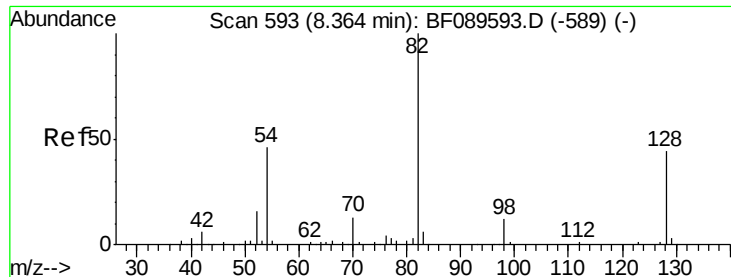
#22
Acetophenone
Concen: 42.91 ng
RT: 8.14 min Scan# 573
Delta R.T. 0.00 min
Lab File: BF089605.D
Acq: 5 Aug 2016 00:45

Tgt Ion:	105	Resp:	207596
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.0	0.0
51	23.3	18.2	27.2
120	19.1	15.7	23.5



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

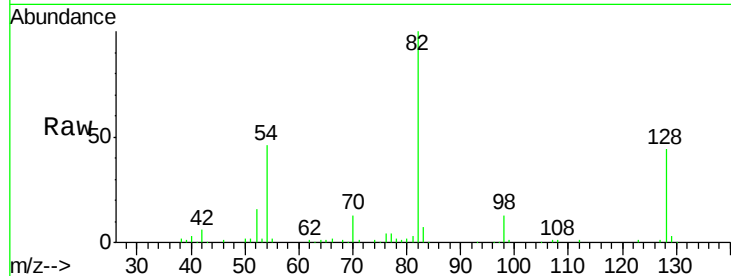




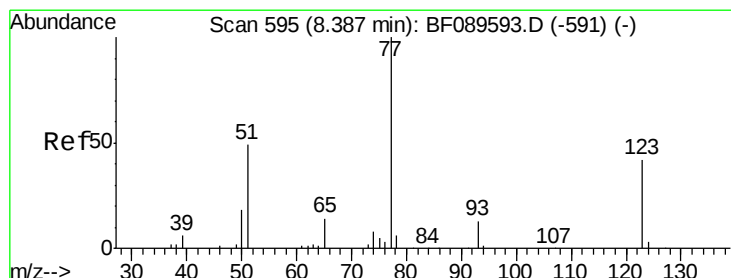
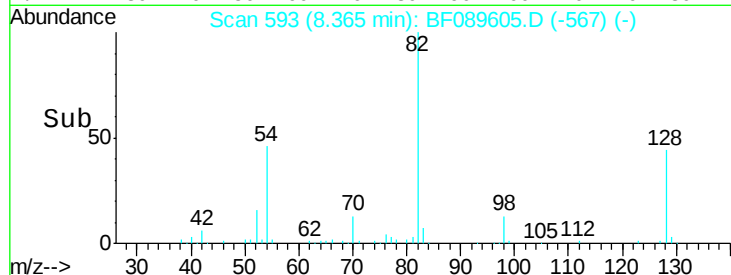
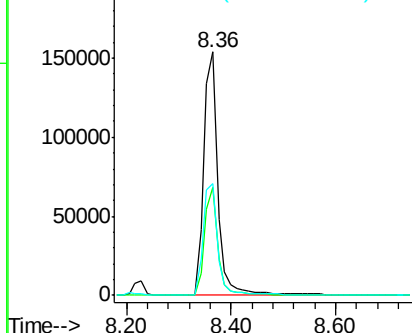
#23
 Nitrobenzene-d5
 Concen: 79.74 ng
 RT: 8.36 min Scan# 593
 Delta R.T. 0.00 min
 Lab File: BF089605.D
 Acq: 5 Aug 2016 00:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.4	35.4	53.0
54	45.9	36.4	54.6

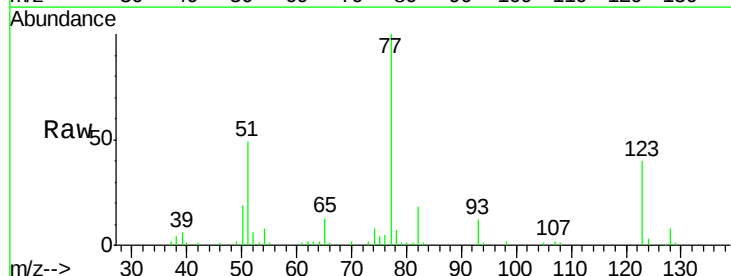


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

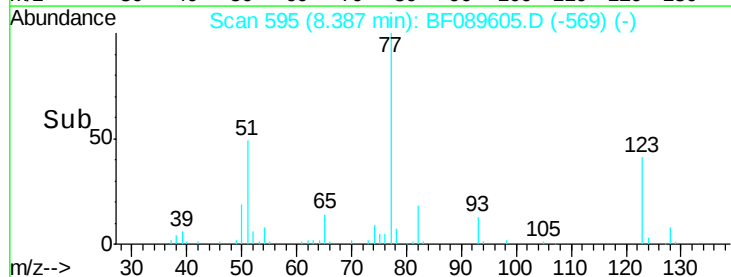
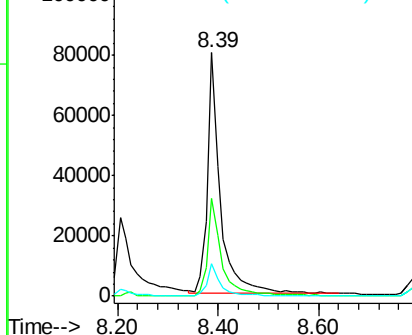


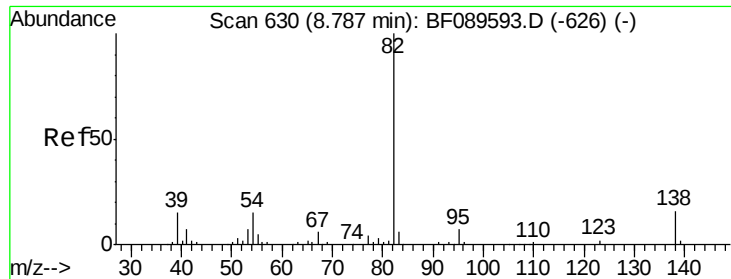
#24
 Nitrobenzene
 Concen: 41.25 ng
 RT: 8.39 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF089605.D
 Acq: 5 Aug 2016 00:45

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.0	32.6	49.0
65	13.4	11.0	16.6



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





#25

Isophorone

Concen: 38.25 ng

RT: 8.79 min Scan# 630

Delta R.T. 0.00 min

Lab File: BF089605.D

Acq: 5 Aug 2016 00:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

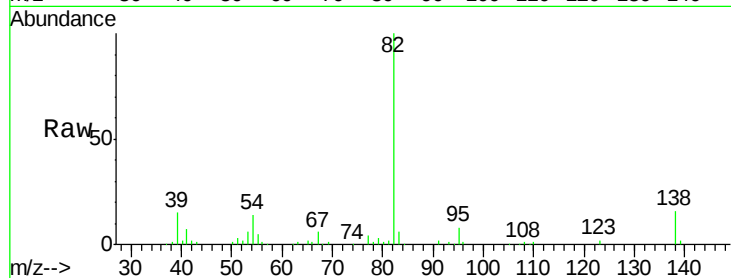
Tgt Ion: 82 Resp: 268723

Ion Ratio Lower Upper

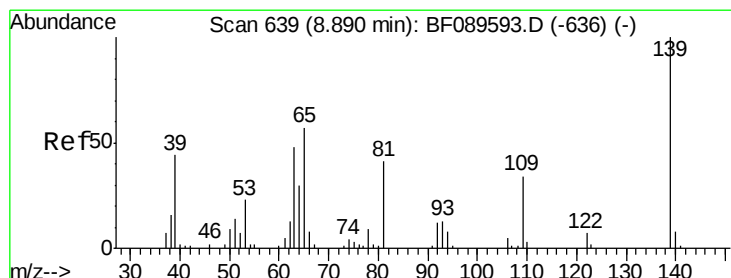
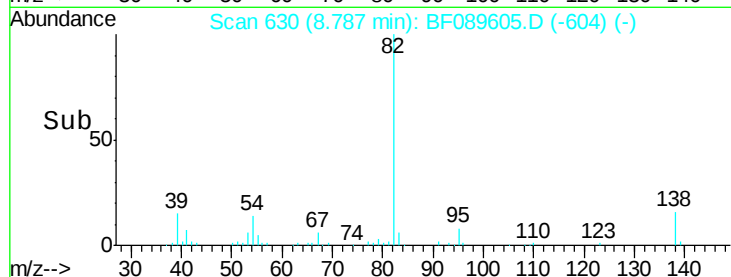
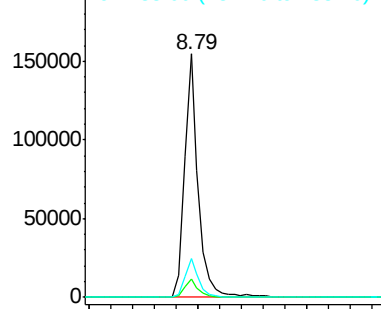
82 100

95 7.6 5.8 8.8

138 16.0 12.6 18.8



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



#26

2-Nitrophenol

Concen: 39.83 ng

RT: 8.89 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF089605.D

Acq: 5 Aug 2016 00:45

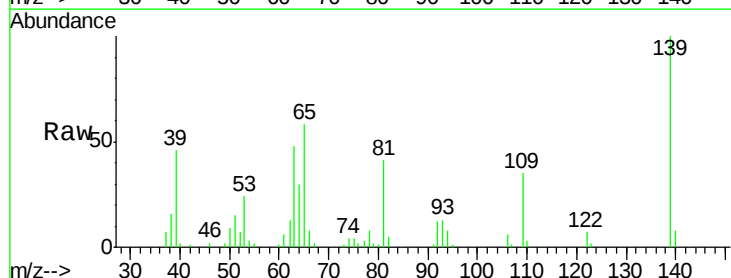
Tgt Ion: 139 Resp: 63686

Ion Ratio Lower Upper

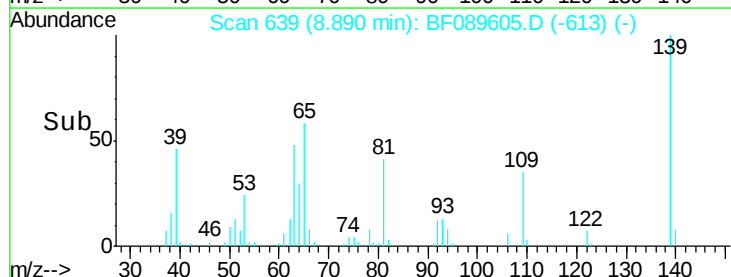
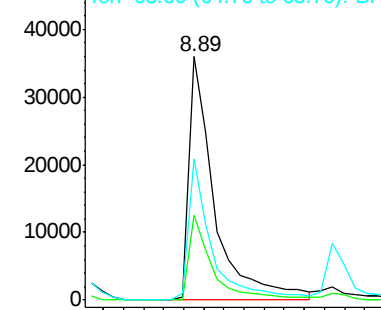
139 100

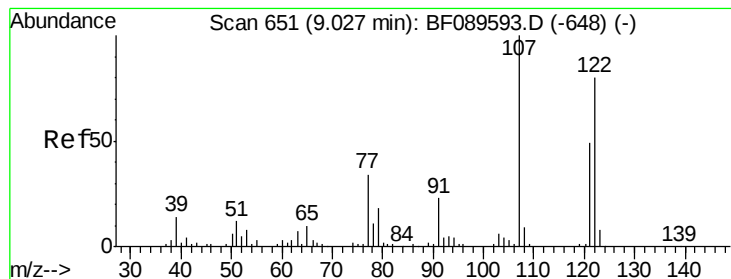
109 34.9 27.5 41.3

65 57.9 45.7 68.5



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





#27

2,4-Dimethylphenol

Concen: 41.27 ng

RT: 9.03 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF089605.D

Acq: 5 Aug 2016 00:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

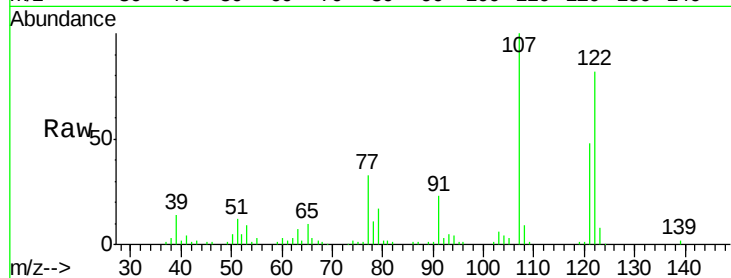
Tgt Ion:122 Resp: 118651

Ion Ratio Lower Upper

122 100

107 122.6 99.5 149.3

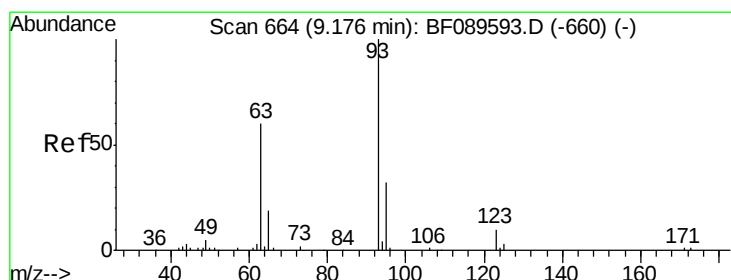
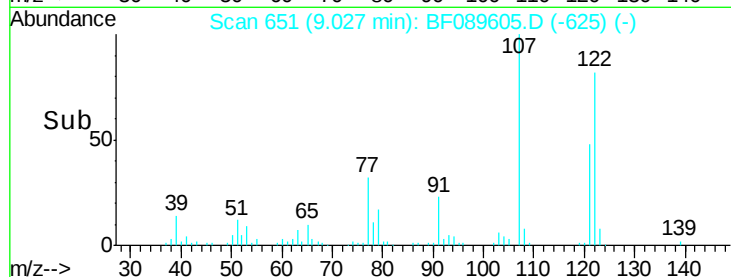
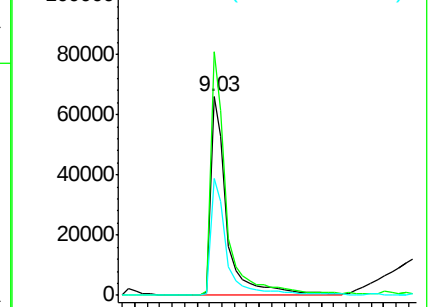
121 59.1 48.5 72.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.15 ng

RT: 9.18 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF089605.D

Acq: 5 Aug 2016 00:45

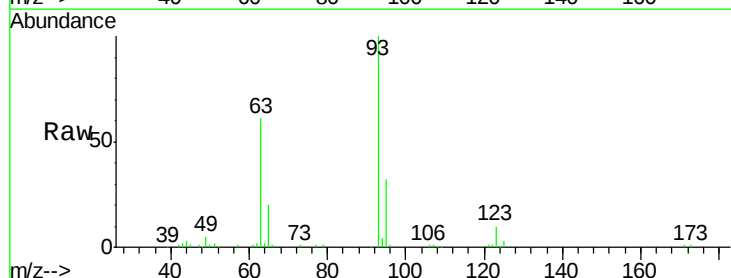
Tgt Ion: 93 Resp: 170639

Ion Ratio Lower Upper

93 100

95 32.4 25.8 38.8

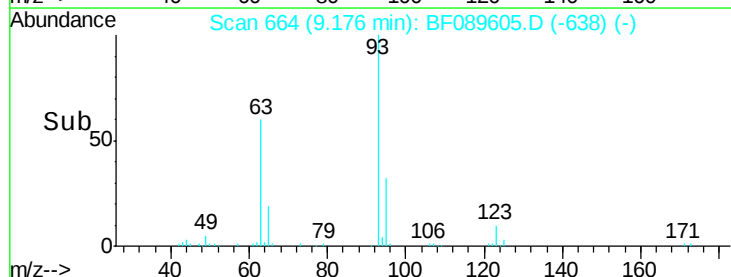
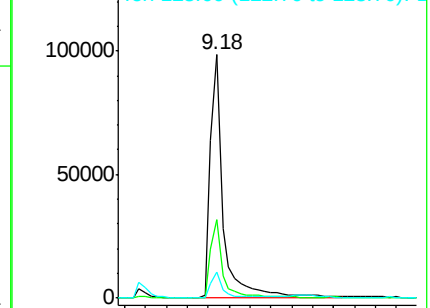
123 10.4 8.0 12.0

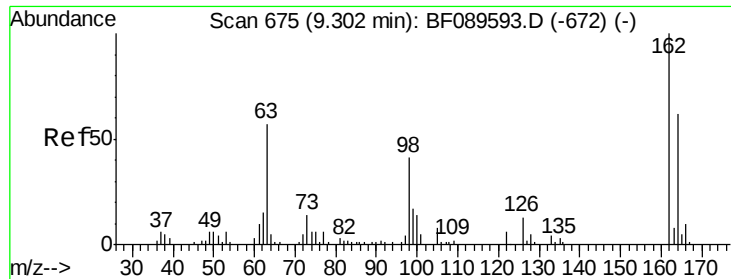


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

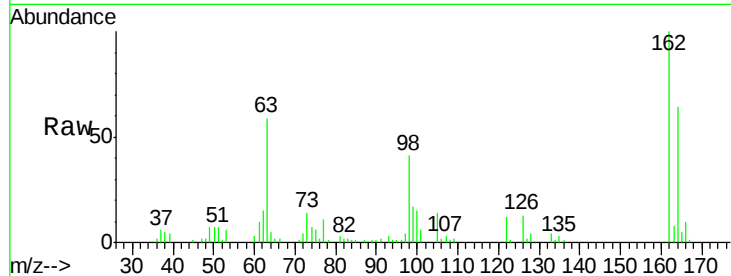




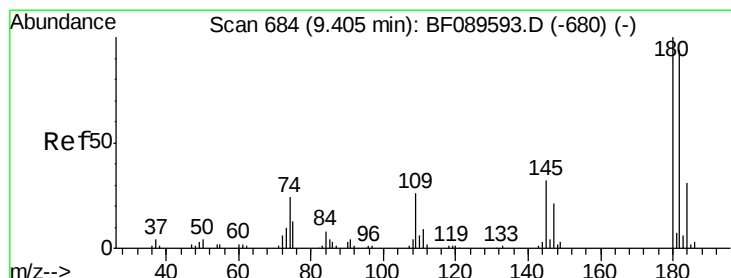
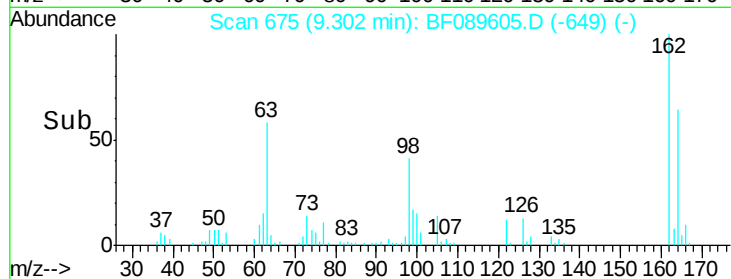
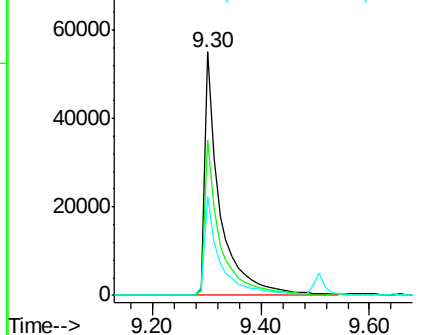
#29
 2,4-Dichlorophenol
 Concen: 39.30 ng
 RT: 9.30 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: BF089605.D
 Acq: 5 Aug 2016 00:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:162 Resp: 106900
 Ion Ratio Lower Upper
 162 100
 164 63.9 42.3 82.3
 98 40.6 21.2 61.2

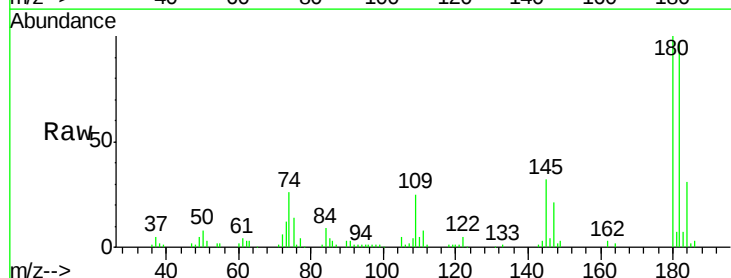


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

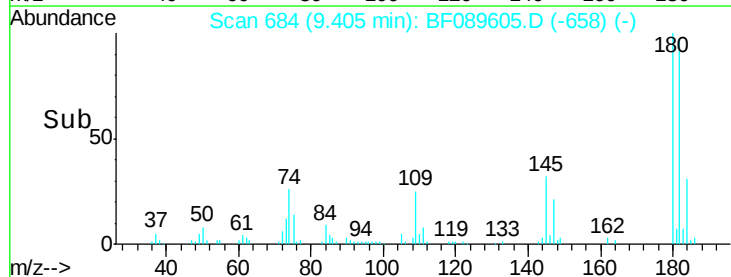
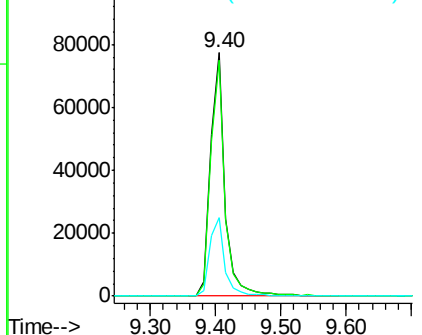


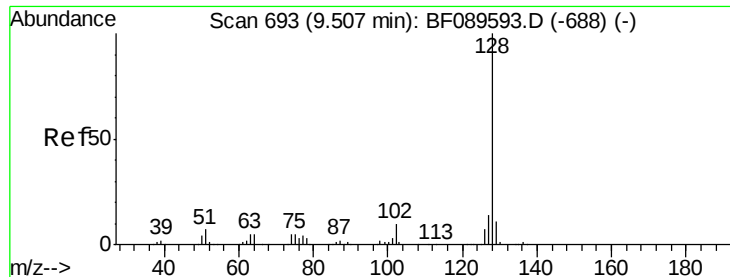
#30
 1,2,4-Trichlorobenzene
 Concen: 38.98 ng
 RT: 9.40 min Scan# 684
 Delta R.T. 0.00 min
 Lab File: BF089605.D
 Acq: 5 Aug 2016 00:45

Tgt Ion:180 Resp: 121106
 Ion Ratio Lower Upper
 180 100
 182 96.7 75.0 112.6
 145 32.3 25.6 38.4



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

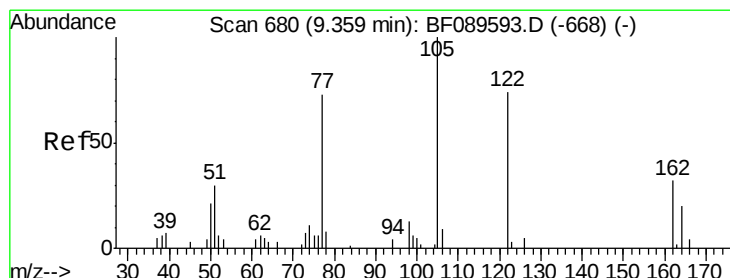
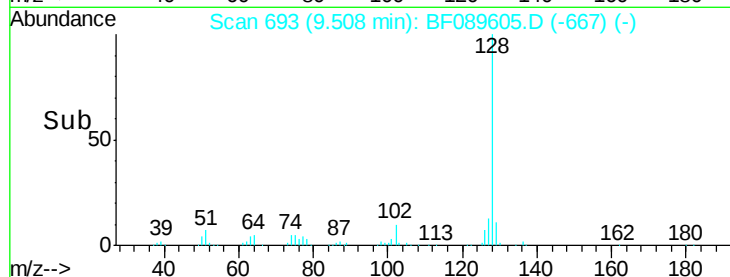
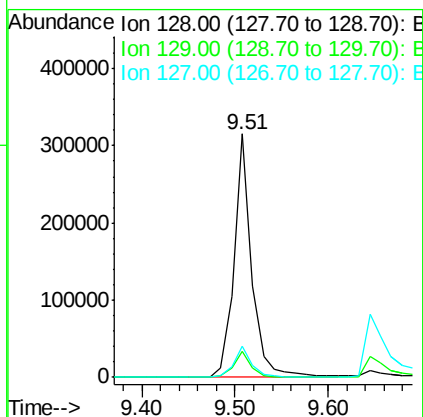
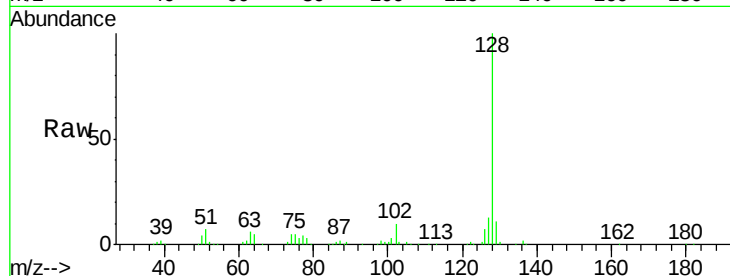




#31
Naphthalene
Concen: 38.93 ng
RT: 9.51 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF089605.D
Acq: 5 Aug 2016 00:45

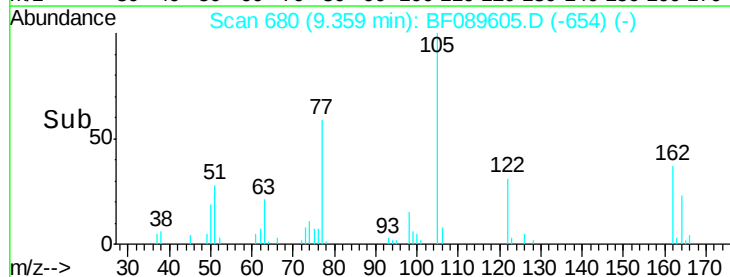
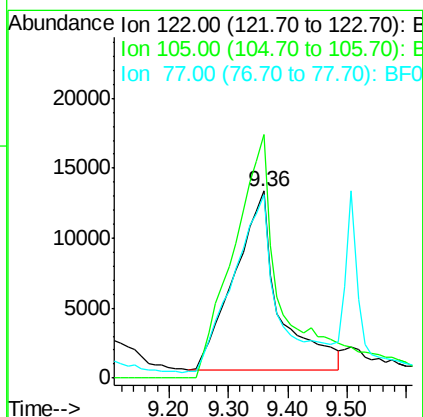
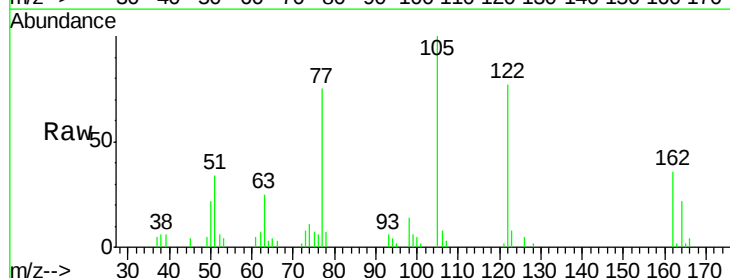
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

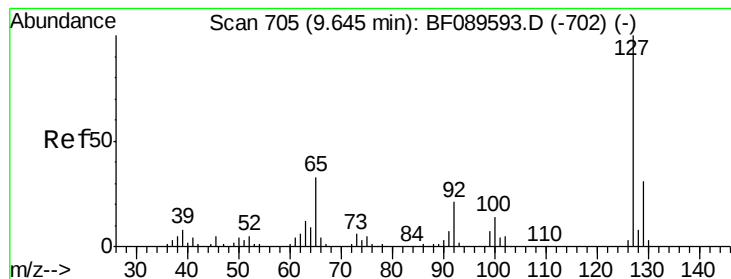
Tgt Ion:128 Resp: 419848
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.0 10.9 16.3



#32
Benzoic acid
Concen: 37.07 ng
RT: 9.36 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF089605.D
Acq: 5 Aug 2016 00:45

Tgt Ion:122 Resp: 66967
Ion Ratio Lower Upper
122 100
105 130.3 109.9 149.9
77 98.2 77.5 117.5

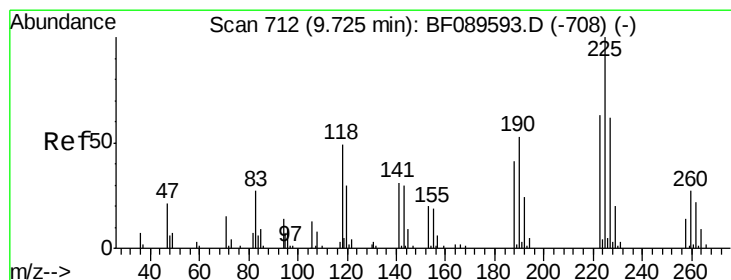
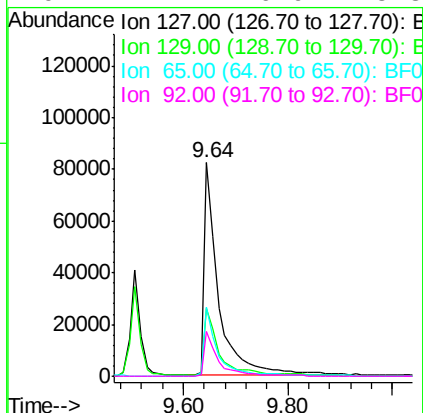
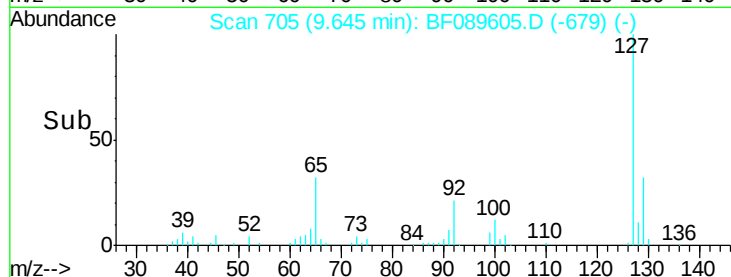
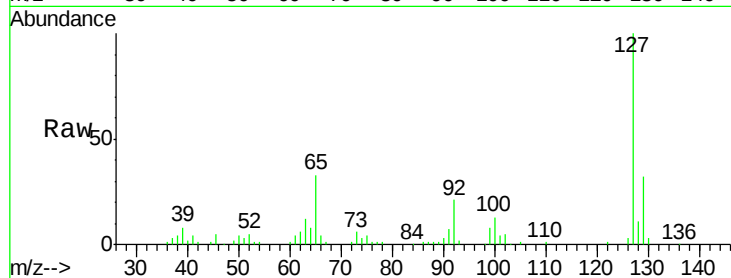




#33
 4-Chloroaniline
 Concen: 39.80 ng
 RT: 9.64 min Scan# 705
 Delta R.T. 0.00 min
 Lab File: BF089605.D
 Acq: 5 Aug 2016 00:45

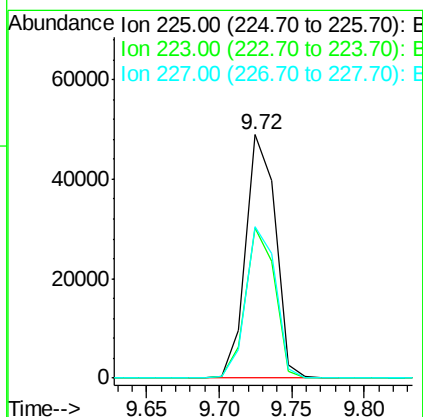
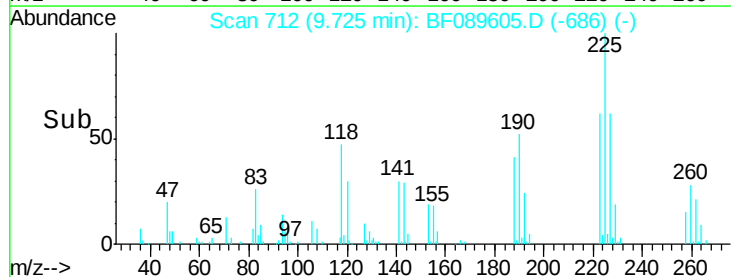
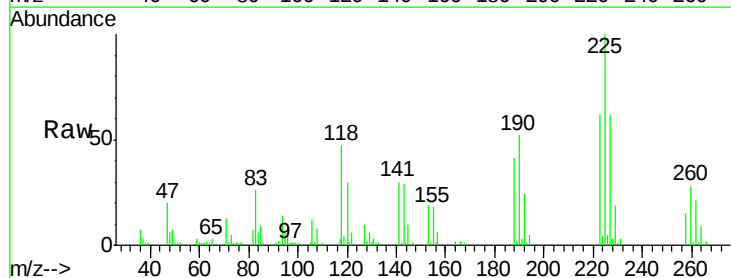
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

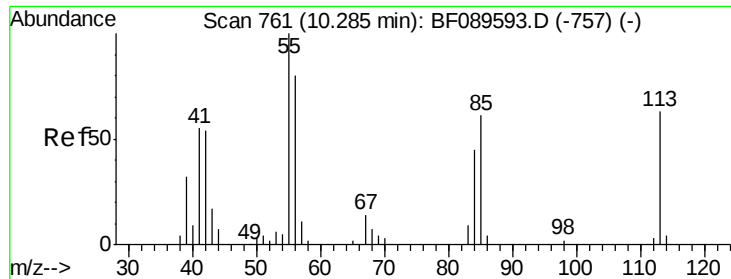
Tgt Ion:	127	Resp:	161195
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.1	37.7
65	32.6	26.2	39.2
92	21.2	16.9	25.3



#34
 Hexachlorobutadiene
 Concen: 39.02 ng
 RT: 9.72 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: BF089605.D
 Acq: 5 Aug 2016 00:45

Tgt Ion:	225	Resp:	69813
Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.7	76.1
227	62.2	49.4	74.0

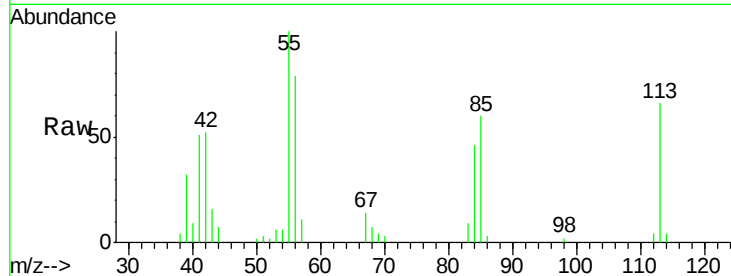




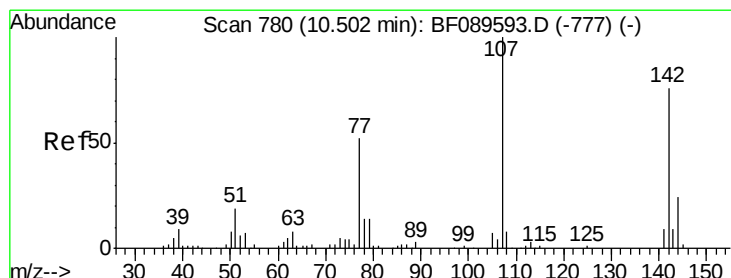
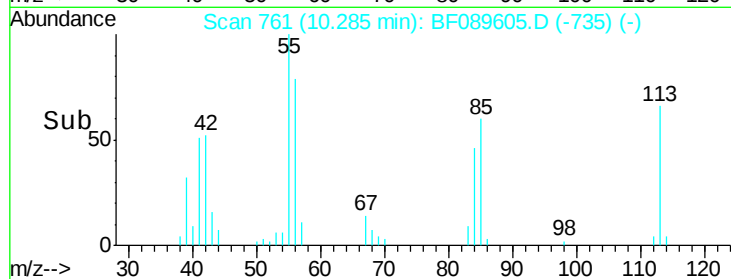
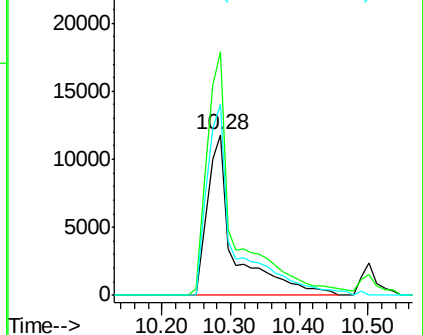
#35
 Caprolactam
 Concen: 40.23 ng
 RT: 10.28 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: BF089605.D
 Acq: 5 Aug 2016 00:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:113 Resp: 31895
 Ion Ratio Lower Upper
 113 100
 55 151.4 139.6 179.6
 56 119.0 108.2 148.2

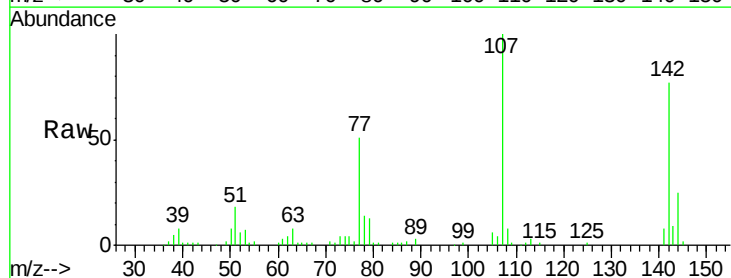


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

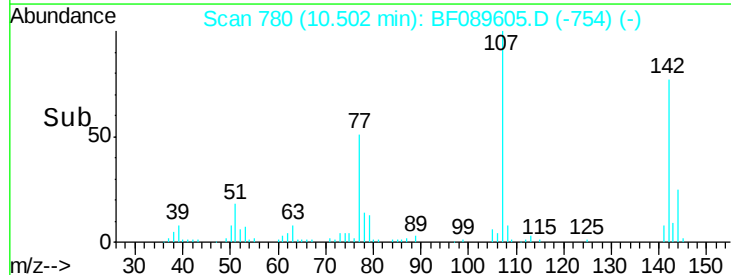
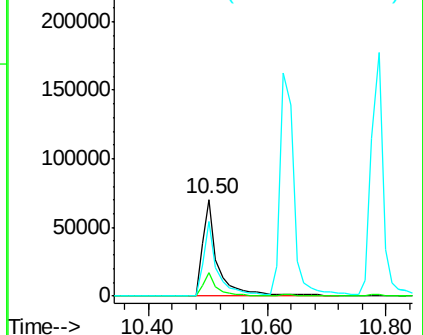


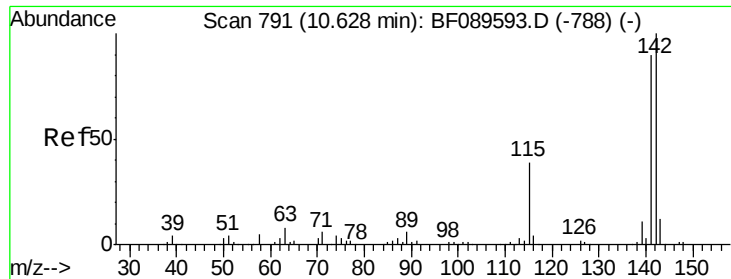
#36
 4-Chloro-3-methylphenol
 Concen: 40.39 ng
 RT: 10.50 min Scan# 780
 Delta R.T. 0.00 min
 Lab File: BF089605.D
 Acq: 5 Aug 2016 00:45

Tgt Ion:107 Resp: 127705
 Ion Ratio Lower Upper
 107 100
 144 24.8 18.9 28.3
 142 77.4 60.4 90.6



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

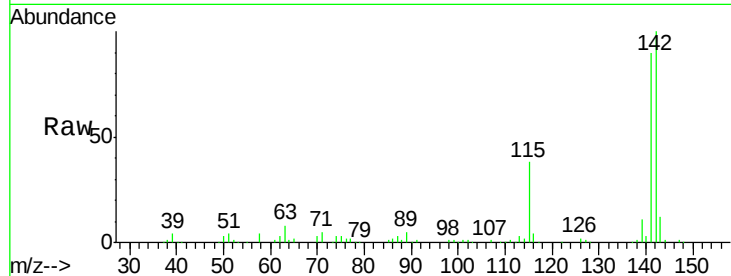




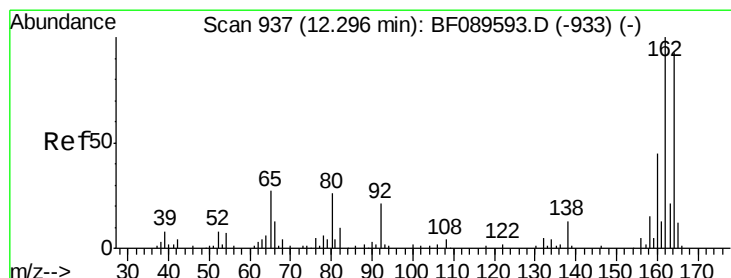
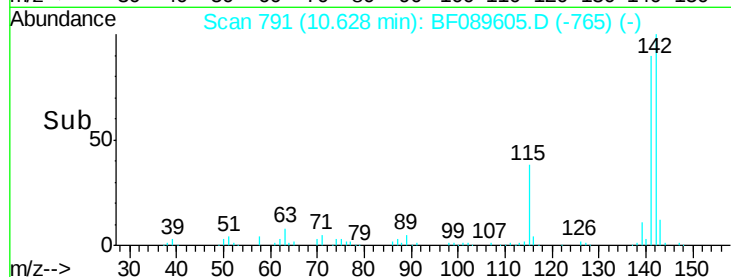
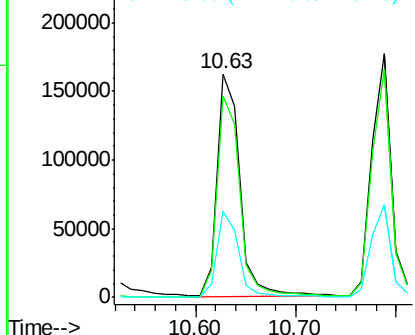
#37
 2-Methylnaphthalene
 Concen: 38.28 ng
 RT: 10.63 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF089605.D
 Acq: 5 Aug 2016 00:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:142 Resp: 253882
 Ion Ratio Lower Upper
 142 100
 141 90.4 71.8 107.6
 115 38.3 31.0 46.4

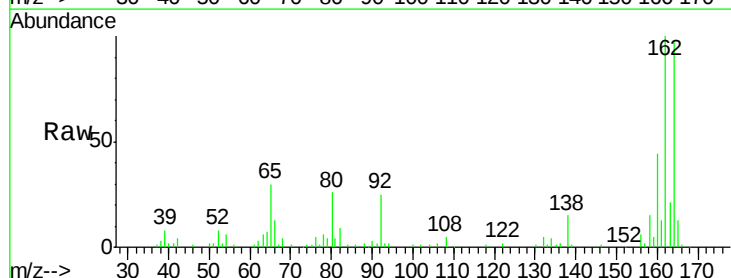


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

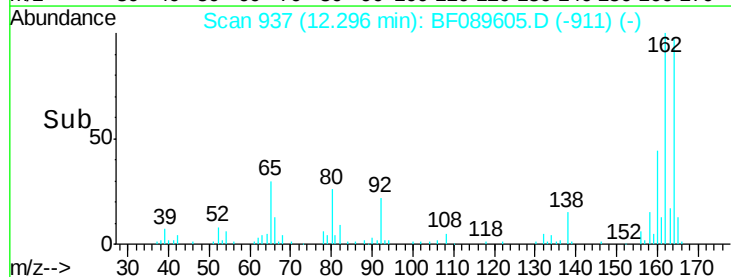
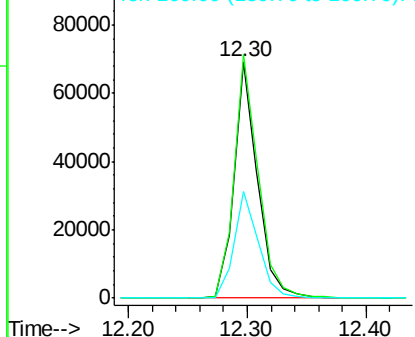


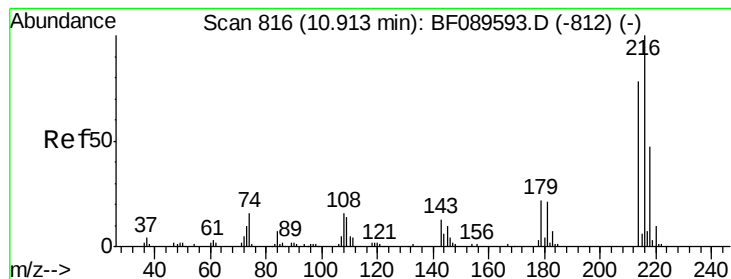
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.30 min Scan# 937
 Delta R.T. 0.00 min
 Lab File: BF089605.D
 Acq: 5 Aug 2016 00:45

Tgt Ion:164 Resp: 94942
 Ion Ratio Lower Upper
 164 100
 162 103.0 85.7 128.5
 160 45.4 38.2 57.4



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.15 ng

RT: 10.91 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF089605.D

Acq: 5 Aug 2016 00:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:216 Resp: 139695

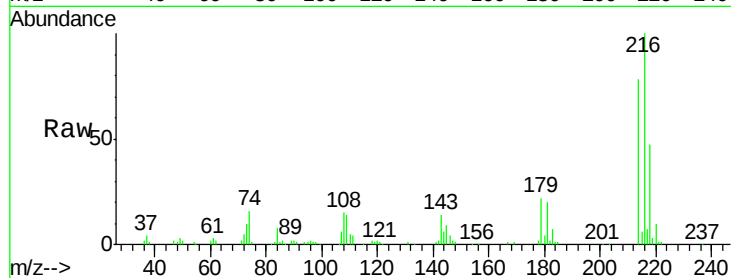
Ion Ratio Lower Upper

216 100

214 80.0 62.6 94.0

179 22.5 17.8 26.8

108 20.2 16.3 24.5

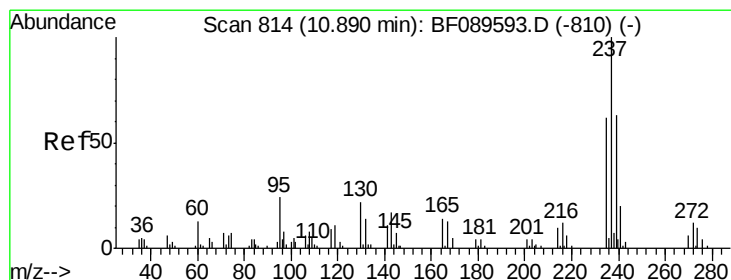
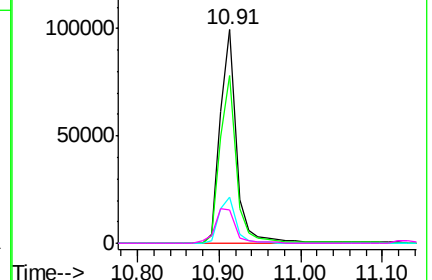
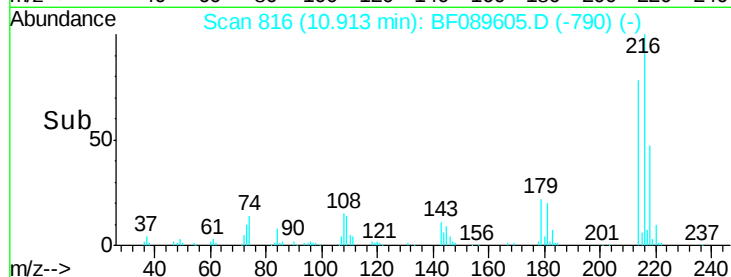


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 42.05 ng

RT: 10.89 min Scan# 814

Delta R.T. 0.00 min

Lab File: BF089605.D

Acq: 5 Aug 2016 00:45

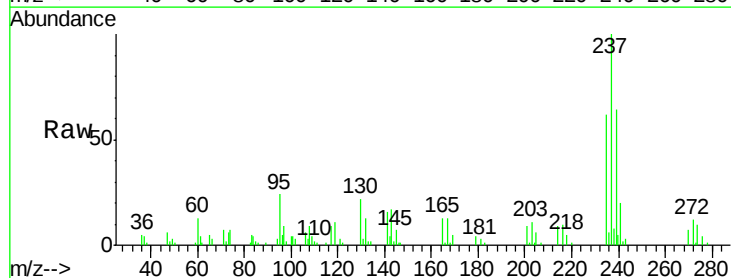
Tgt Ion:237 Resp: 45953

Ion Ratio Lower Upper

237 100

235 62.2 41.9 81.9

272 12.2 0.0 32.4



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

