

Data Path : V:\HPCHEM1\BNA F\DATA\BF080316\
 Data File : BF089565.D
 Acq On : 3 Aug 2016 17:48
 Operator : UM/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

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

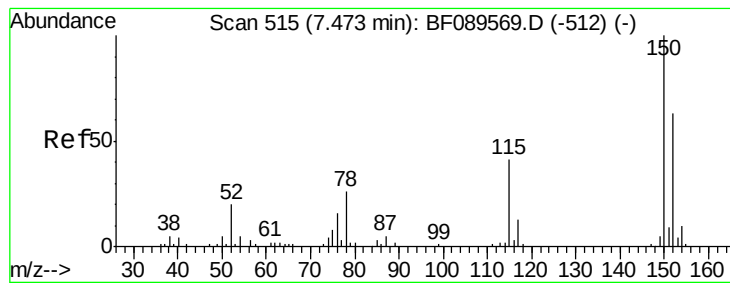
Data Path : V:\HPCHEM1\BNA F\DATA\BF080316\
 Data File : BF089565.D
 Acq On : 3 Aug 2016 17:48
 Operator : UM/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
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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)
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

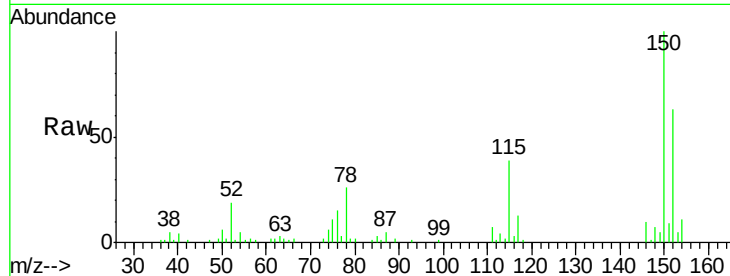


#1

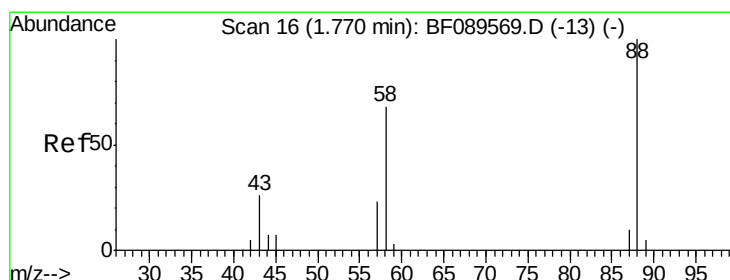
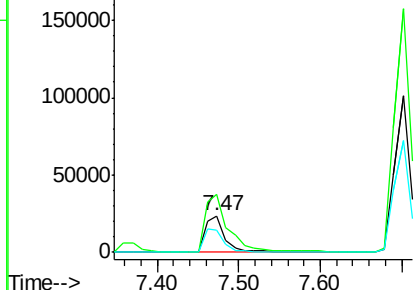
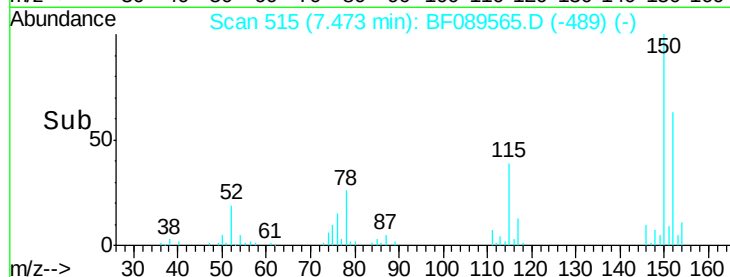
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.47 min Scan# 515
Delta R.T. -0.00 min
Lab File: BF089565.D
Acq: 3 Aug 2016 17:48

Instrument :
BNA_F
ClientSampleId :

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



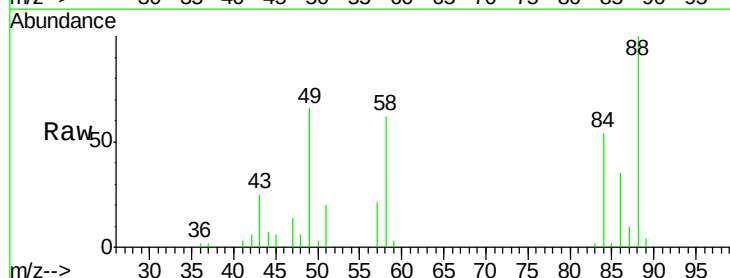
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



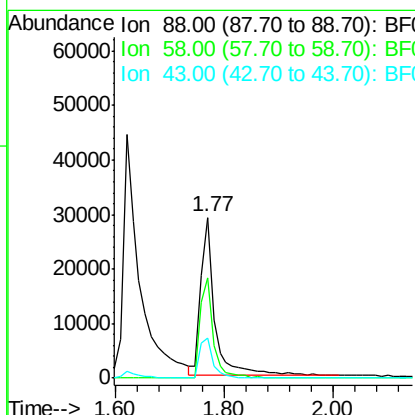
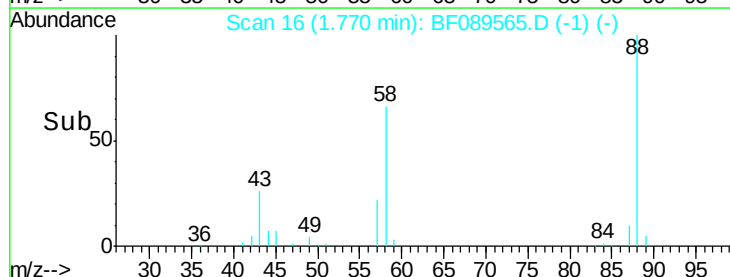
#2

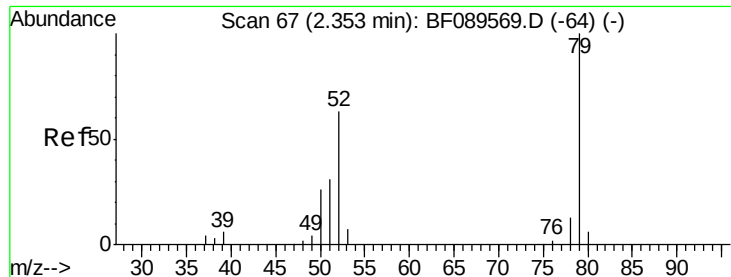
1,4-Dioxane
Concen: 36.70 ng
RT: 1.77 min Scan# 16
Delta R.T. -0.00 min
Lab File: BF089565.D
Acq: 3 Aug 2016 17:48

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

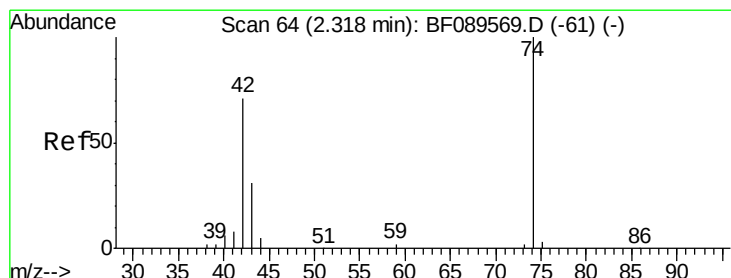
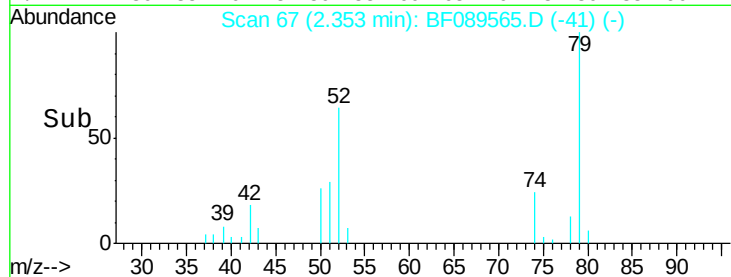
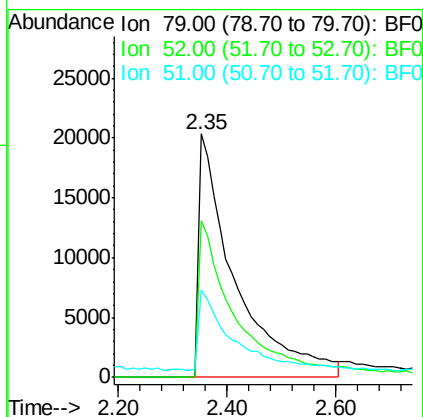
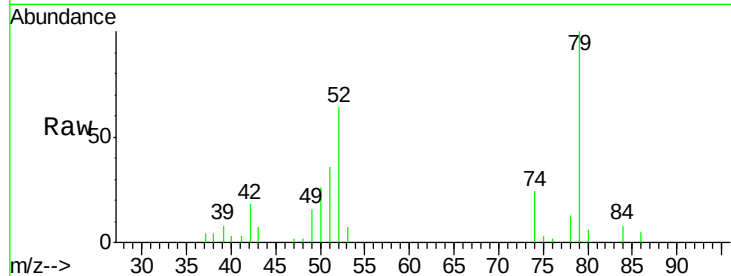




#3
 Pvridine
 Concen: 34.80 ng
 RT: 2.35 min Scan# 67
 Delta R.T. -0.00 min
 Lab File: BF089565.D
 Acq: 3 Aug 2016 17:48

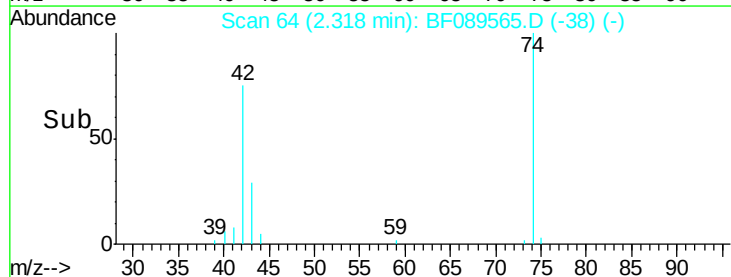
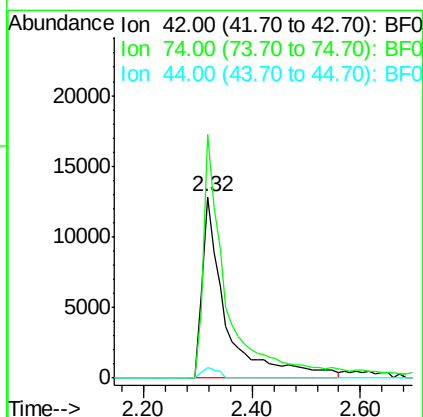
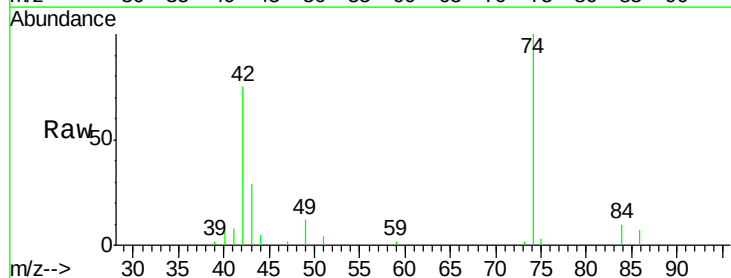
Instrument :
 BNA_F
 ClientSampled :

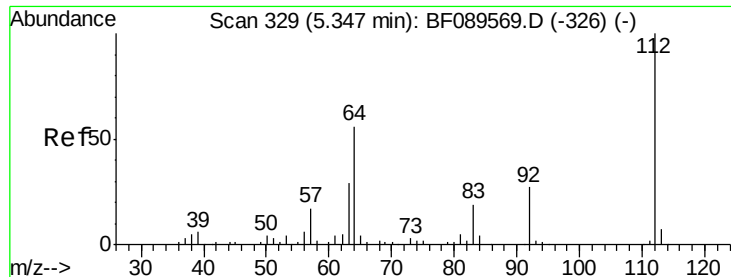
Tot Ion: 79 Resp: 93774
 Ion Ratio Lower Upper
 79 100
 52 64.5 50.6 76.0
 51 35.8 27.6 41.4



#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





#5

2-Fluorophenol

Concen: 78.46 ng

RT: 5.35 min Scan# 329

Delta R.T. -0.00 min

Lab File: BF089565.D

Acq: 3 Aug 2016 17:48

Instrument :

BNA_F

ClientSampled :

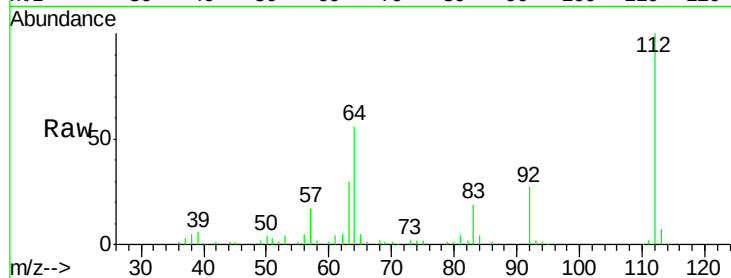
Tot Ion:112 Resp: 192423

Ion Ratio Lower Upper

112 100

64 56.0 45.2 67.8

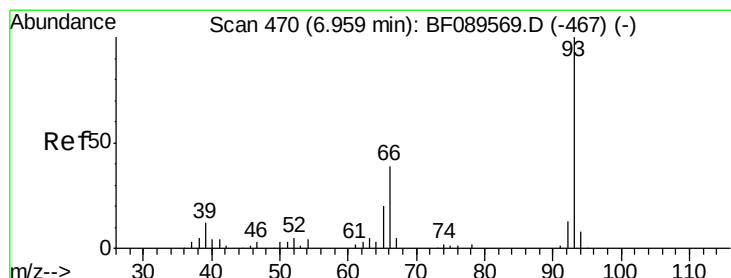
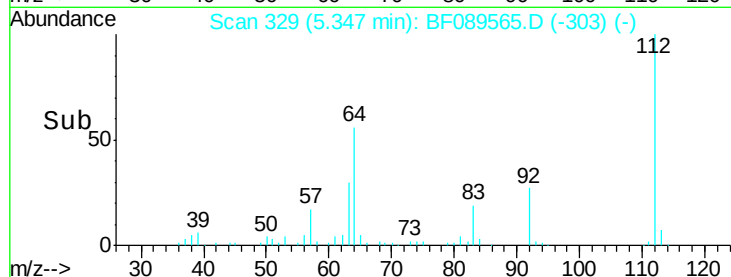
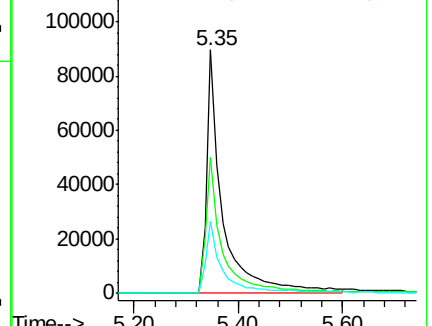
63 29.5 23.1 34.7



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

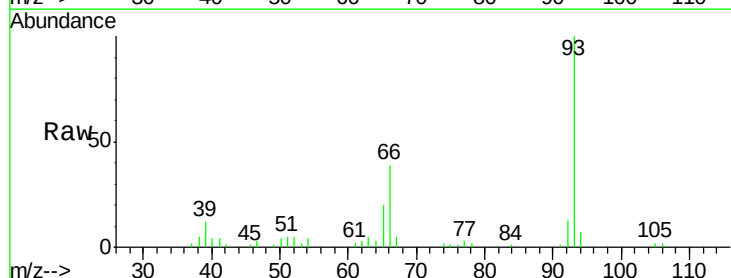
Tgt Ion: 93 Resp: 149317

Ion Ratio Lower Upper

93 100

66 38.6 31.1 46.7

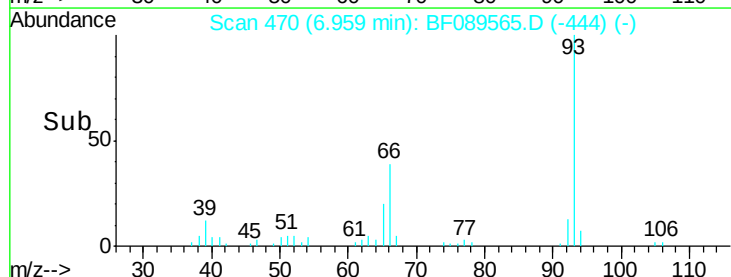
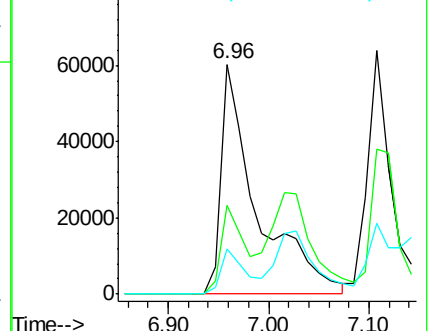
65 19.7 15.7 23.5

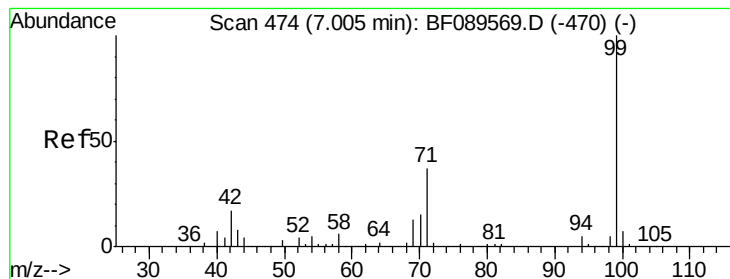


Abundance Ion 93.00 (92.70 to 93.70): BF0

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

Lab File: BF089565.D

Acq: 3 Aug 2016 17:48

Instrument :

BNA_F

ClientSampled :

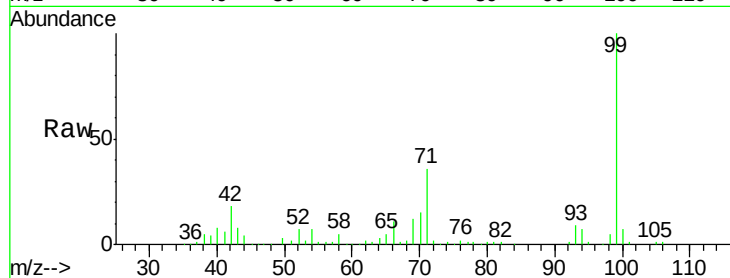
Tot Ion: 99 Resp: 267680

Ion Ratio Lower Upper

99 100

42 17.6 13.9 20.9

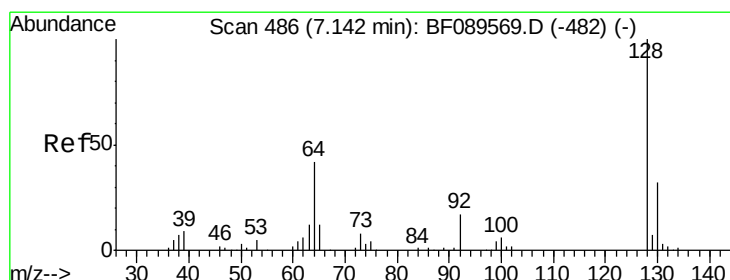
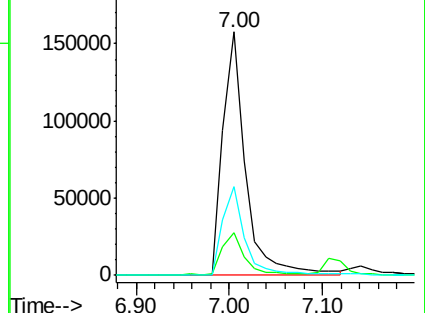
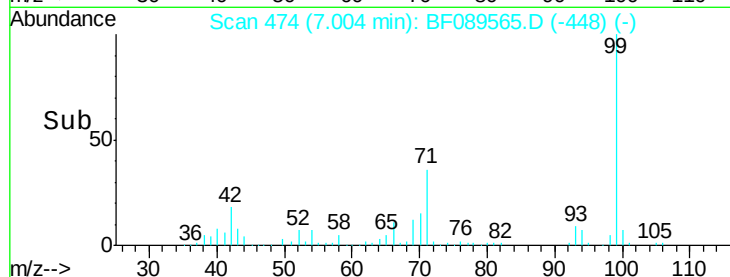
71 36.3 29.3 43.9



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

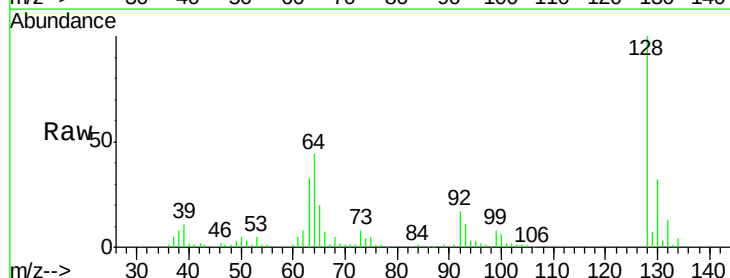
Tgt Ion: 128 Resp: 119219

Ion Ratio Lower Upper

128 100

130 32.0 12.4 52.4

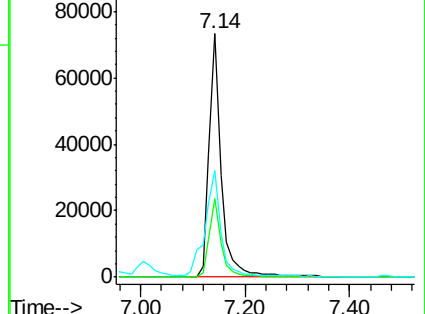
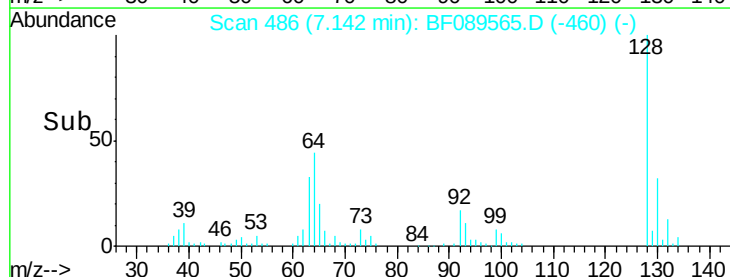
64 44.1 24.0 64.0

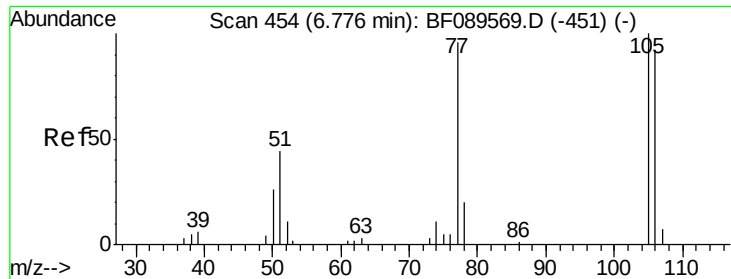


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

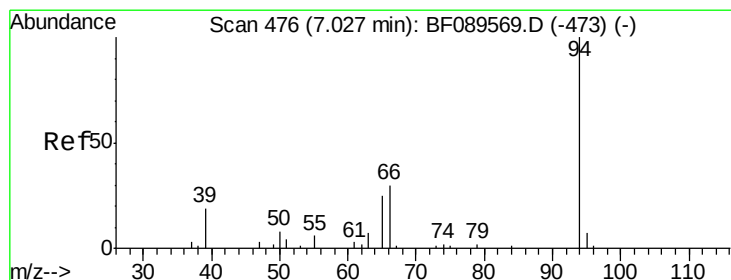
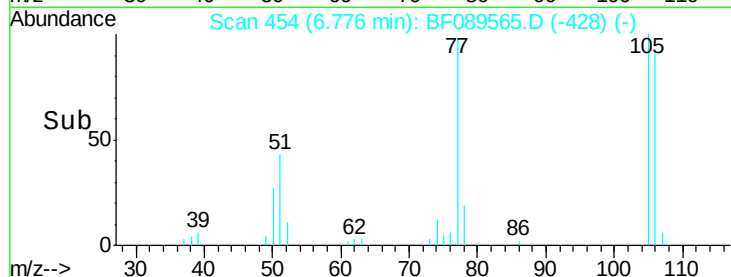
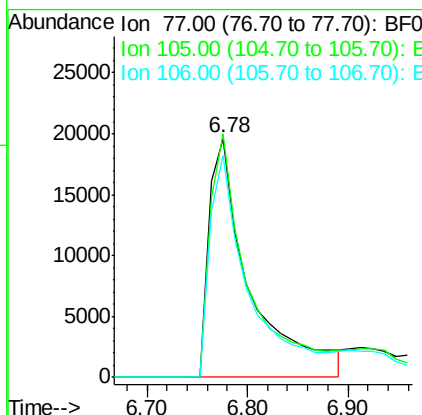
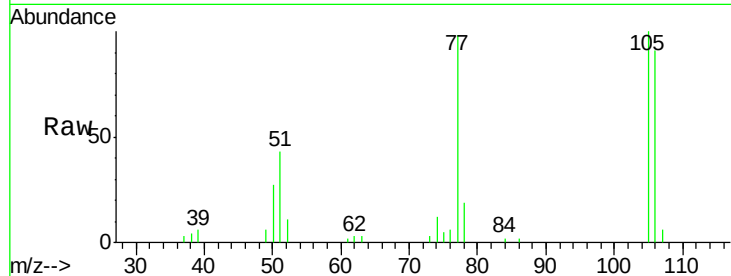




#9
Benzaldehyde
Concen: 47.80 ng
RT: 6.78 min Scan# 454
Delta R.T. -0.00 min
Lab File: BF089565.D
Acq: 3 Aug 2016 17:48

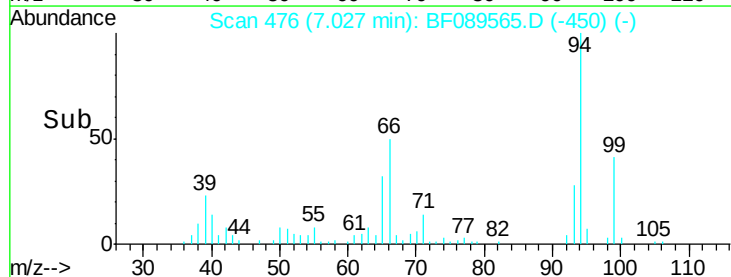
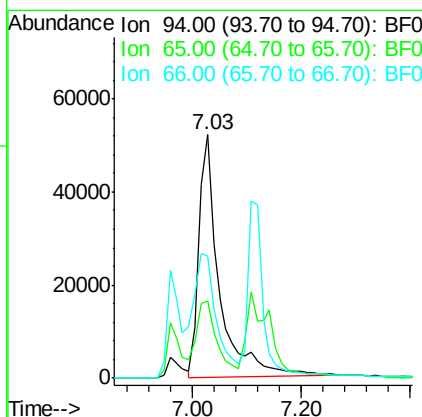
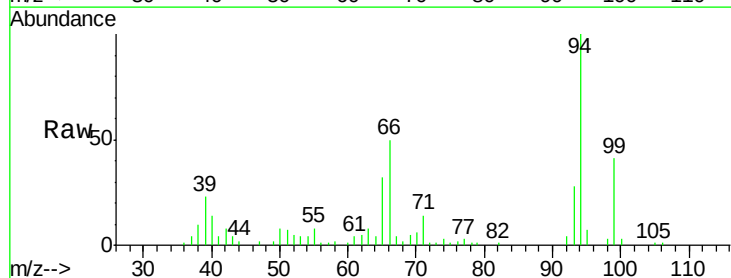
Instrument :
BNA_F
ClientSampled :

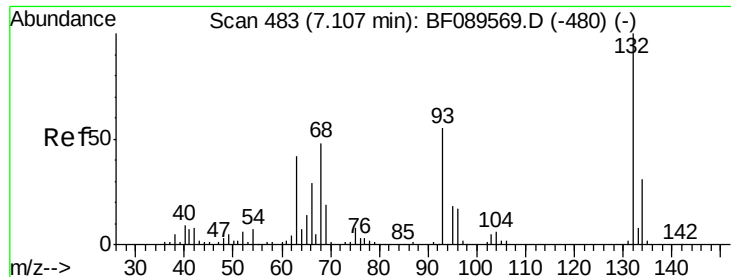
Tot Ion: 77 Resp: 55668
Ion Ratio Lower Upper
77 100
105 102.1 84.0 124.0
106 93.0 75.3 115.3



#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

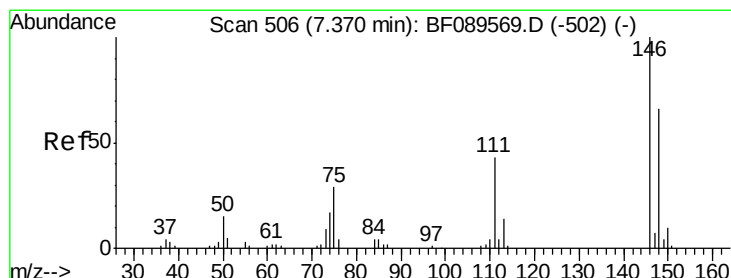
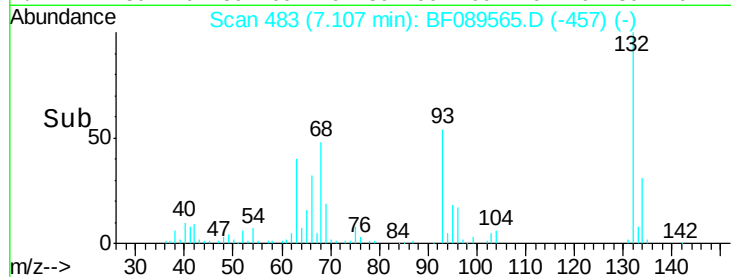
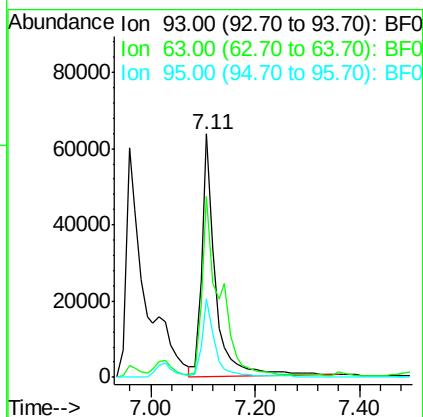
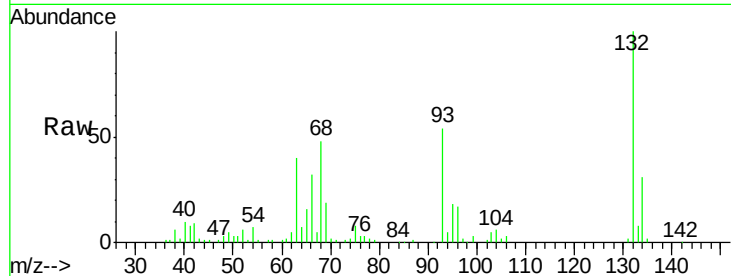




#11
 bis(2-Chloroethyl)ether
 Concen: 38.52 ng
 RT: 7.11 min Scan# 483
 Delta R.T. -0.00 min
 Lab File: BF089565.D
 Acq: 3 Aug 2016 17:48

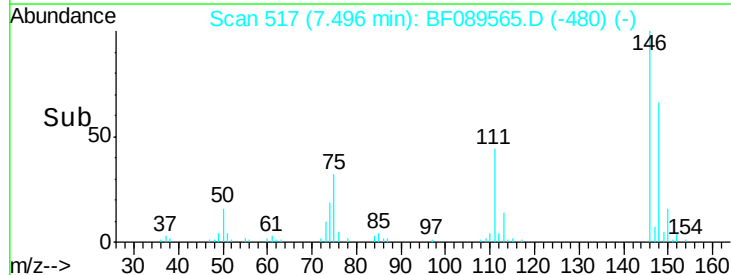
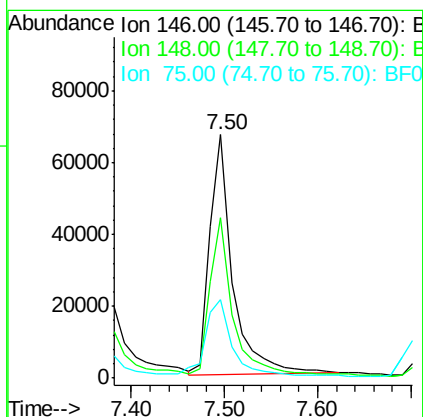
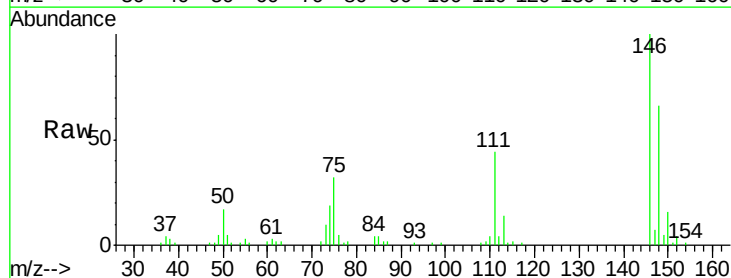
Instrument :
 BNA_F
 ClientSampleId :

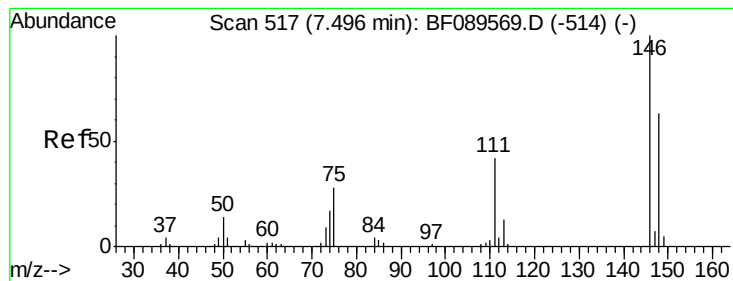
Tot Ion: 93 Resp: 114621
 Ion Ratio Lower Upper
 93 100
 63 74.1 54.0 94.0
 95 32.2 12.3 52.3



#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 :

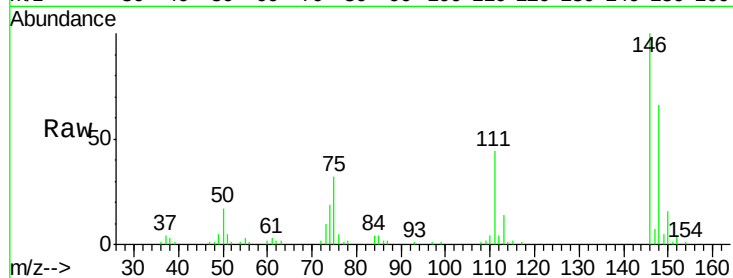
Tot Ion:146 Resp: 118179

Ion Ratio Lower Upper

146 100

148 65.9 50.6 76.0

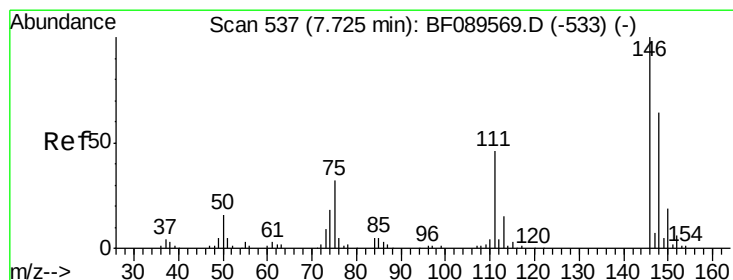
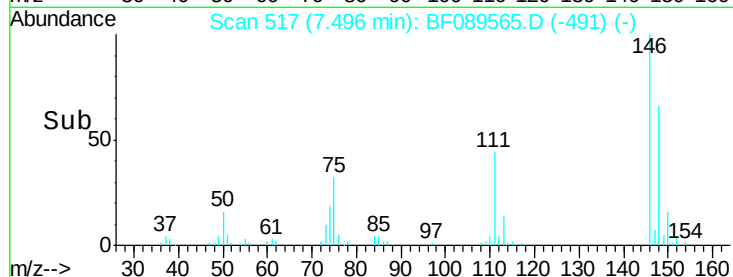
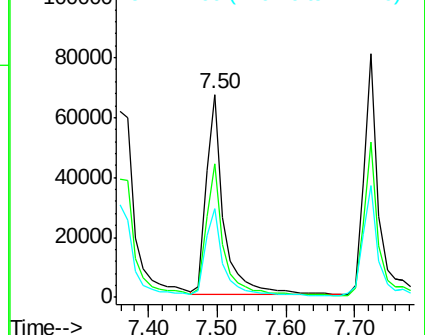
111 43.7 33.7 50.5



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: 36.51 ng

RT: 7.72 min Scan# 537

Delta R.T. -0.00 min

Lab File: BF089565.D

Acq: 3 Aug 2016 17:48

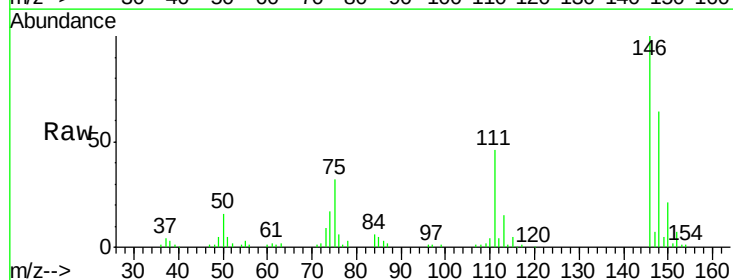
Tgt Ion:146 Resp: 121807

Ion Ratio Lower Upper

146 100

148 63.8 51.4 77.0

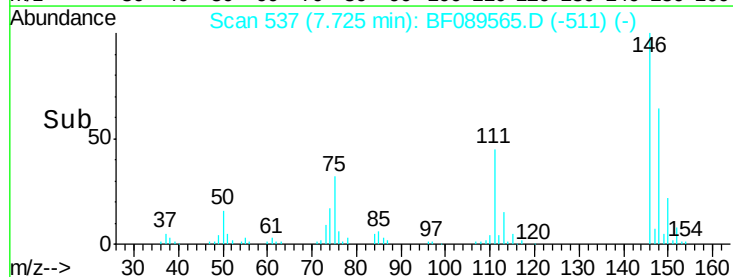
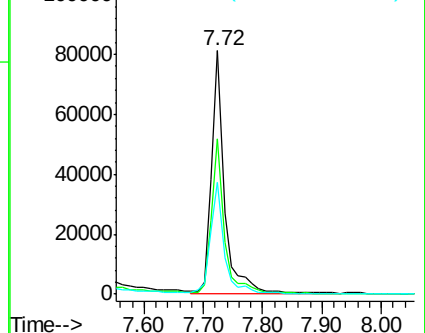
111 45.7 36.6 55.0

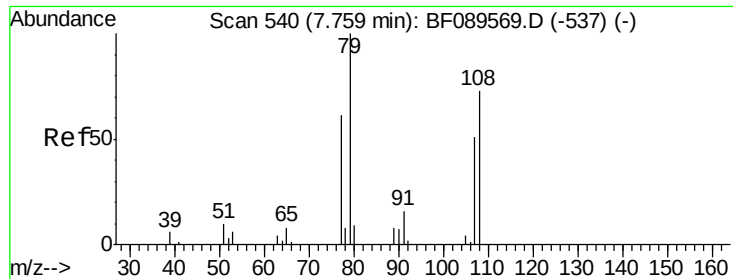


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.38 ng

RT: 7.76 min Scan# 540

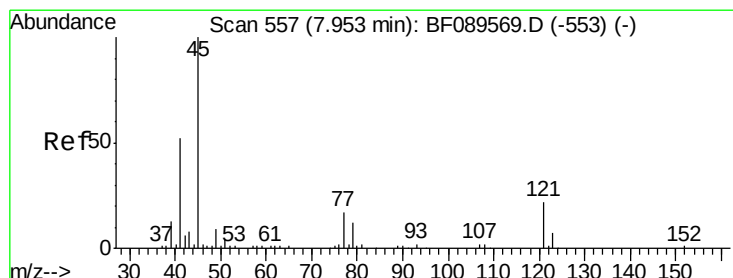
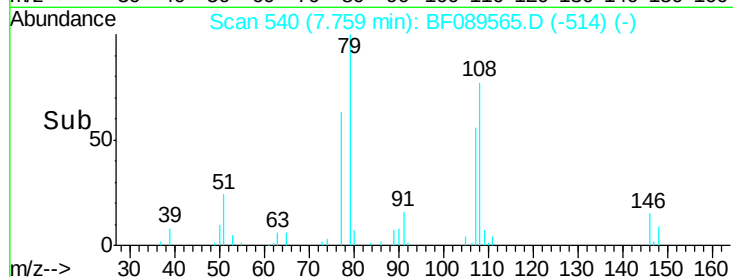
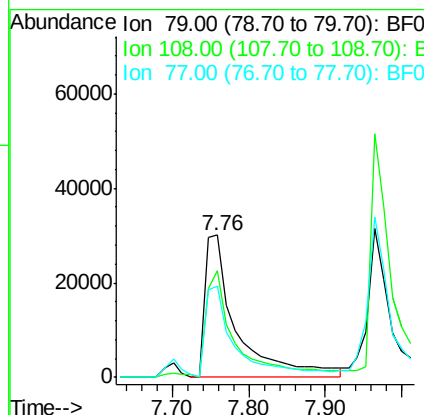
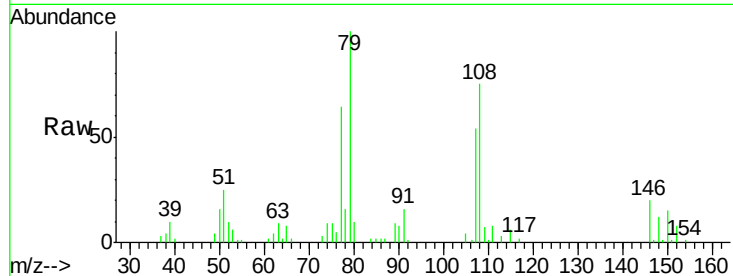
Delta R.T. -0.00 min

Lab File: BF089565.D

Acq: 3 Aug 2016 17:48

Instrument :
BNA_F
ClientSampleId :

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



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.44 ng

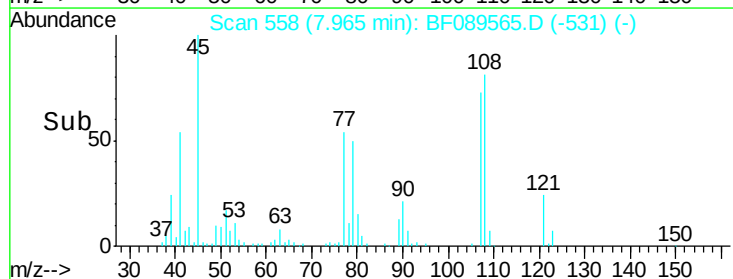
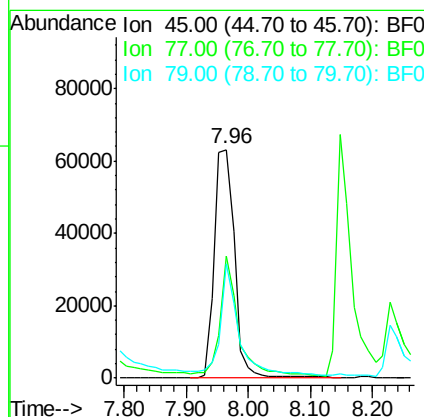
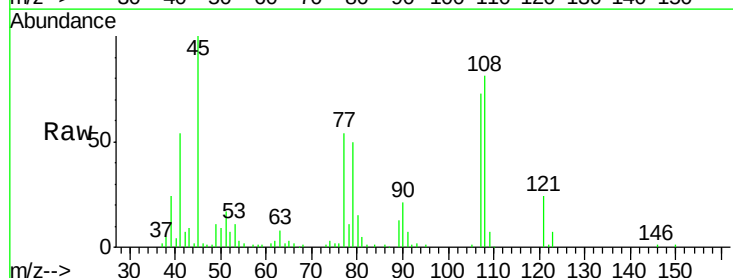
RT: 7.96 min Scan# 558

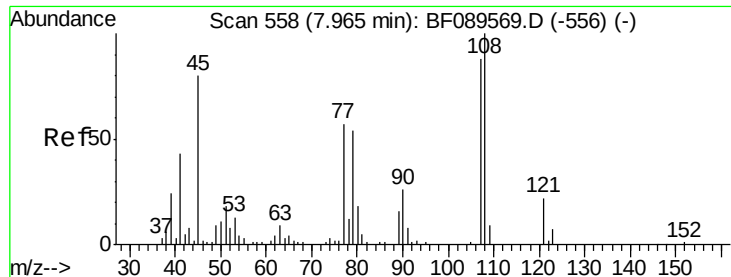
Delta R.T. 0.01 min

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#

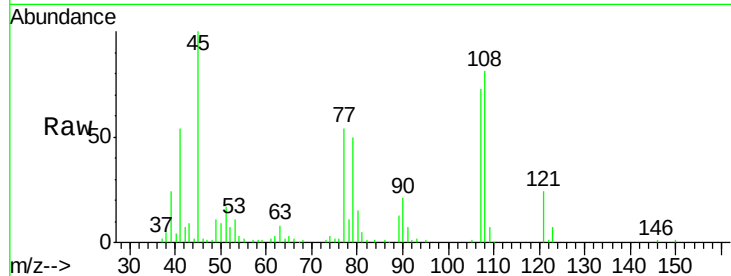




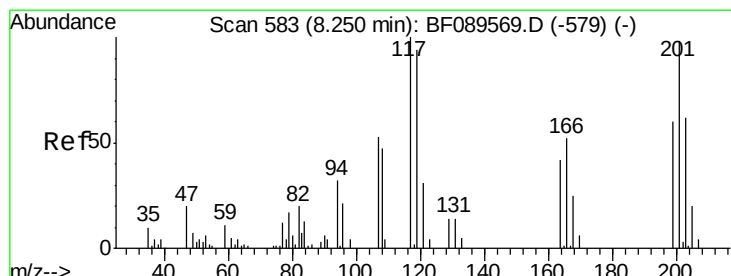
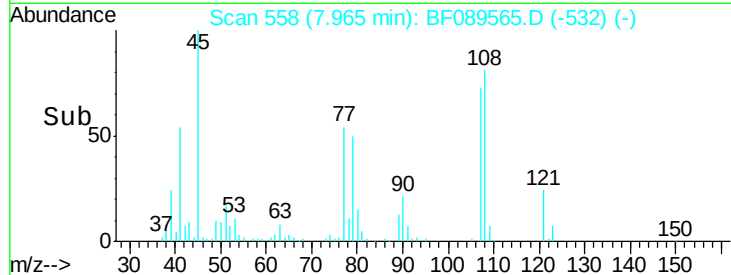
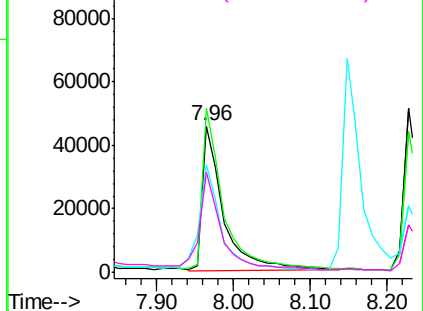
#17
2-Methylphenol
Concen: 39.96 ng
RT: 7.96 min Scan# 558
Delta R.T. -0.00 min
Lab File: BF089565.D
Acq: 3 Aug 2016 17:48

Instrument :
BNA_F
ClientSampleId :

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

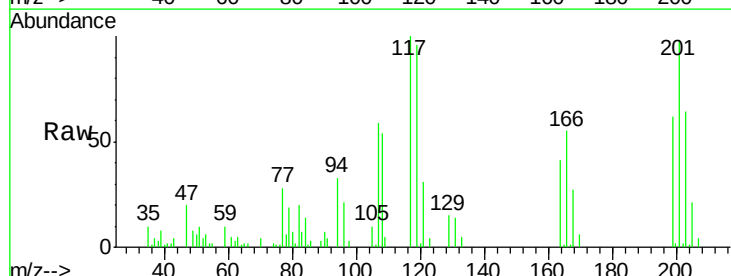


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

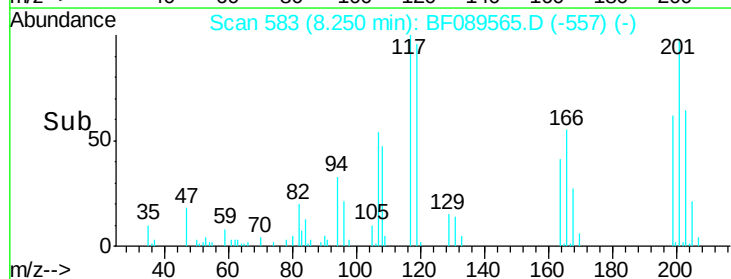
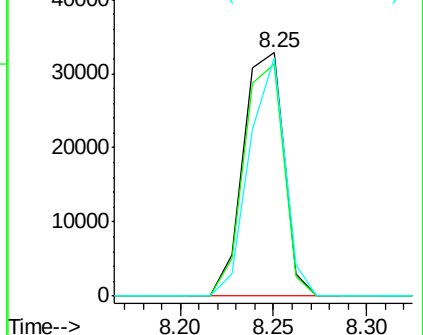


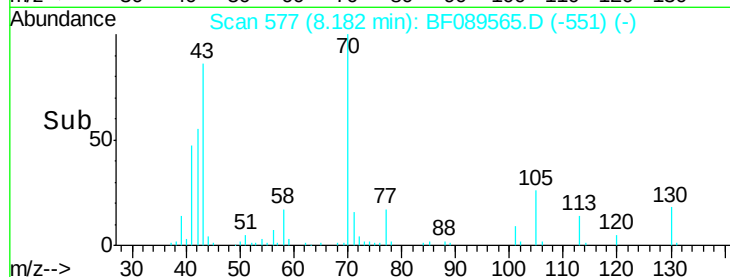
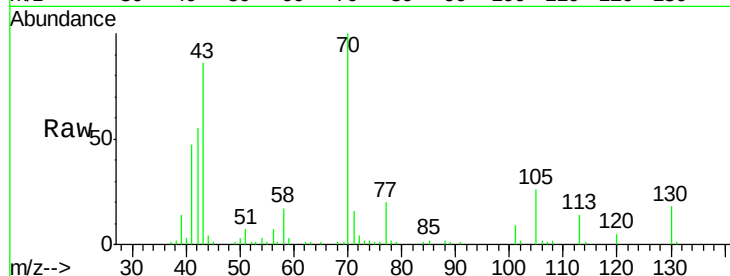
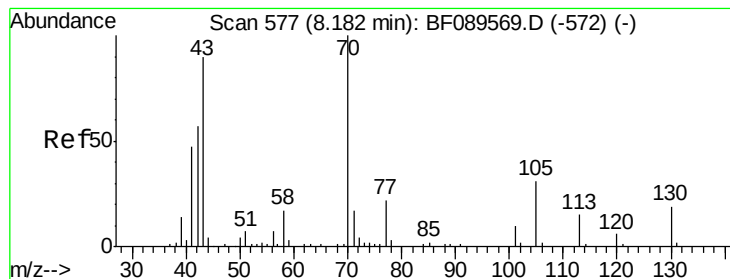
#18
Hexachloroethane
Concen: 36.60 ng
RT: 8.25 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF089565.D
Acq: 3 Aug 2016 17:48

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 :

Tot Ion: 70 Resp: 87558

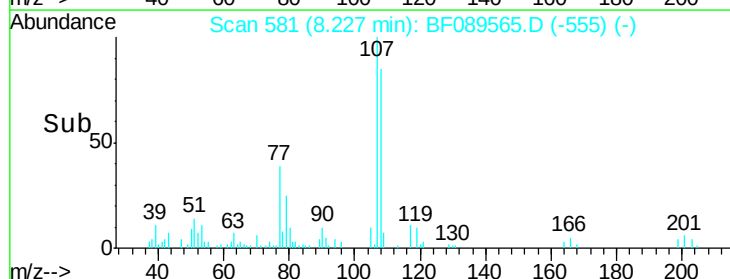
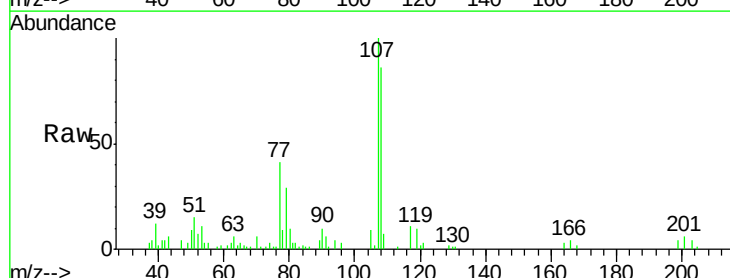
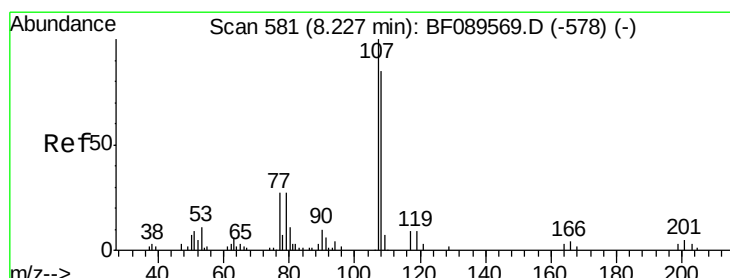
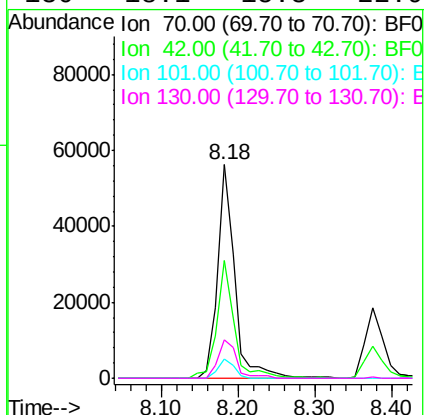
Ion Ratio Lower Upper

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

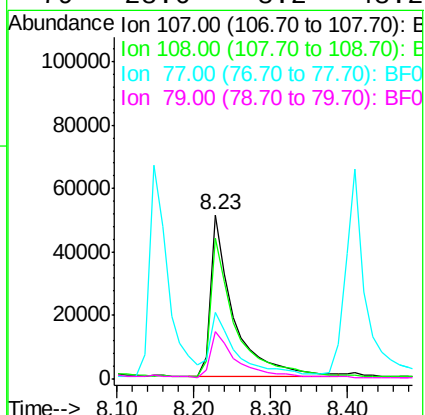
Ion Ratio Lower Upper

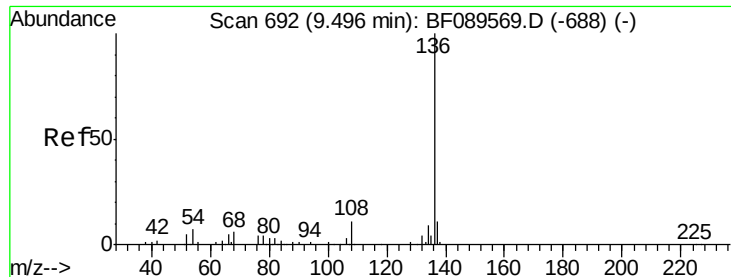
107 100

108 86.1 65.6 105.6

77 40.9 20.1 60.1

79 28.6 8.2 48.2

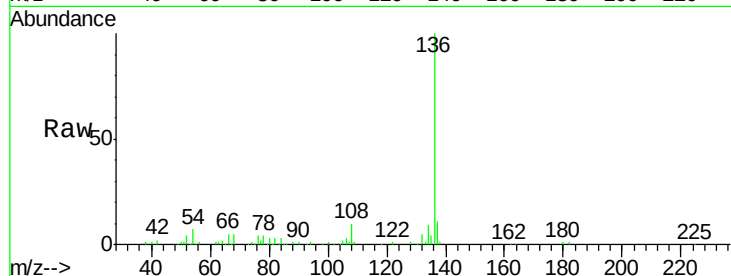




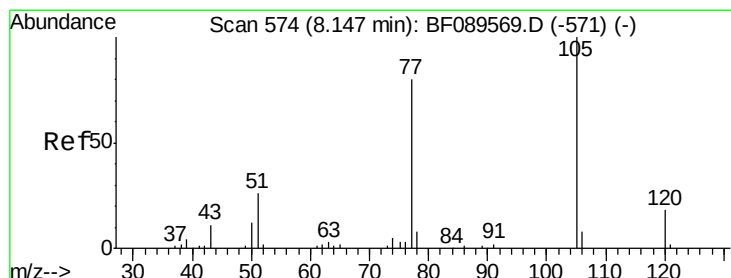
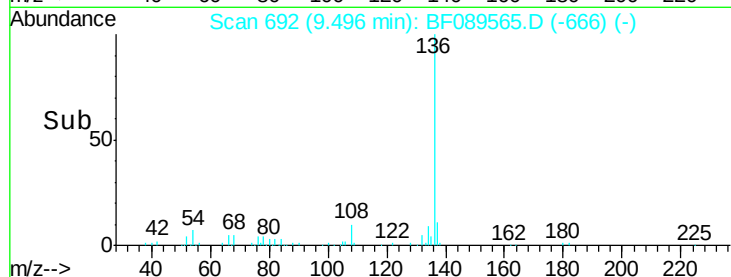
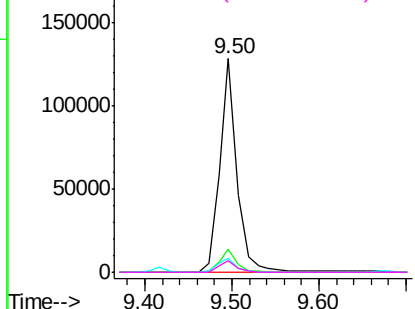
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.50 min Scan# 692
Delta R.T. -0.00 min
Lab File: BF089565.D
Acq: 3 Aug 2016 17:48

Instrument :
BNA_F
ClientSampleId :

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

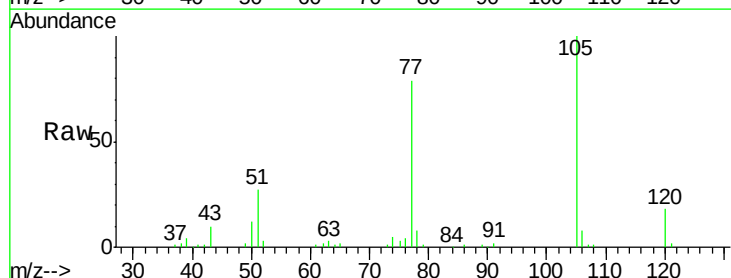


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

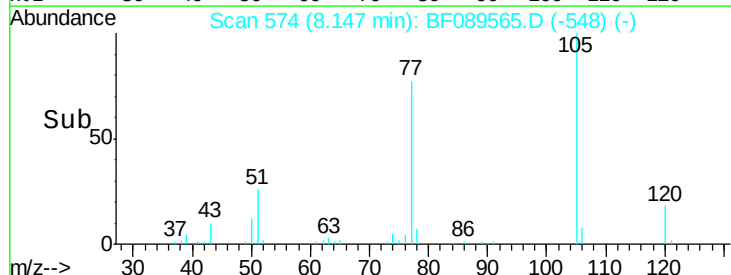
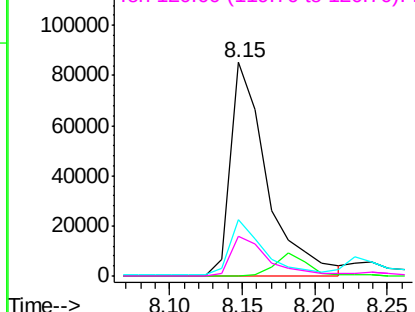


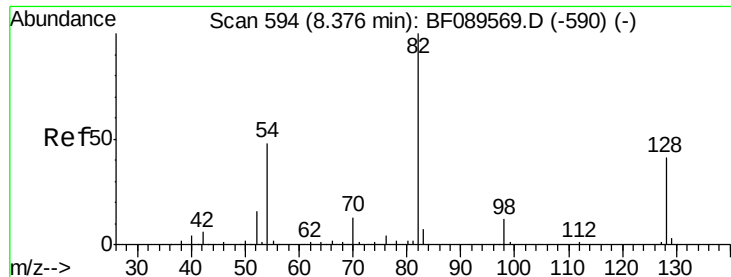
#22
Acetophenone
Concen: 35.19 ng
RT: 8.15 min Scan# 574
Delta R.T. -0.00 min
Lab File: BF089565.D
Acq: 3 Aug 2016 17:48

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

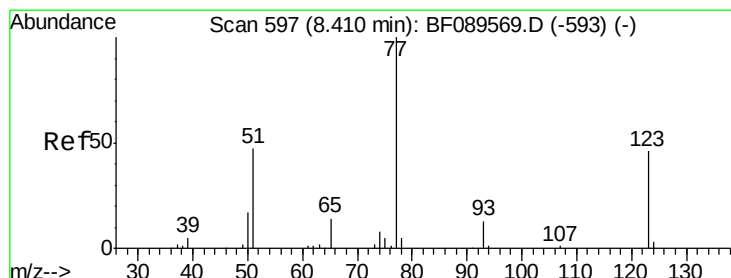
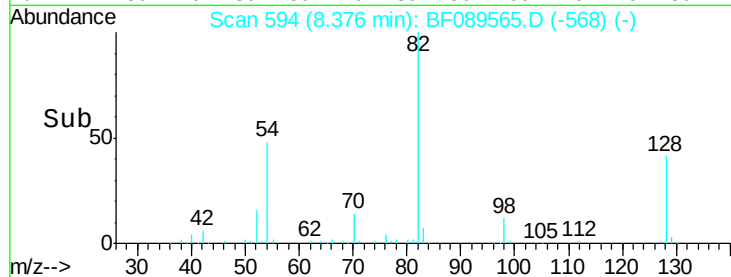
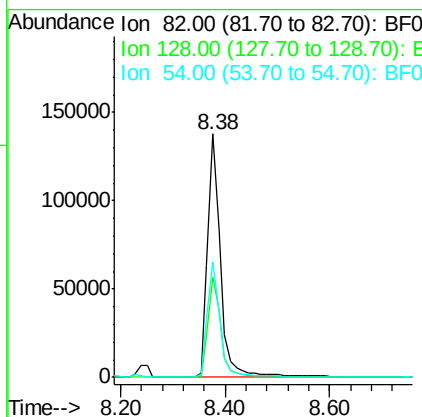
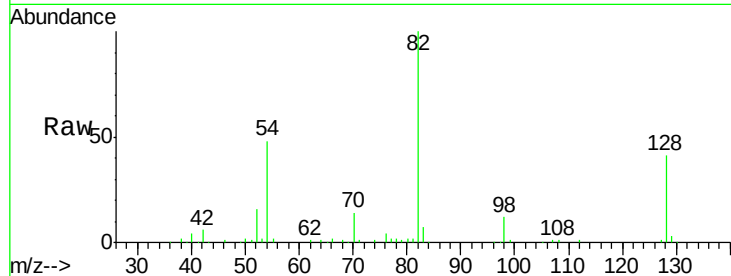




#23
 Nitrobenzene-d5
 Concen: 73.73 ng
 RT: 8.38 min Scan# 594
 Delta R.T. -0.00 min
 Lab File: BF089565.D
 Acq: 3 Aug 2016 17:48

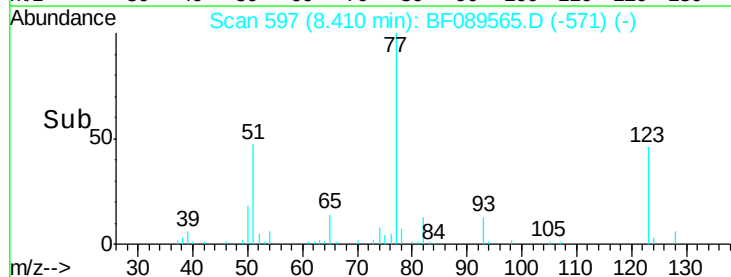
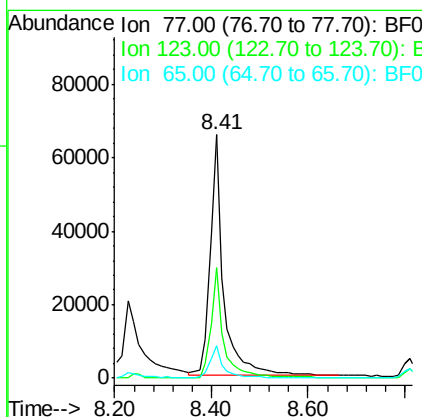
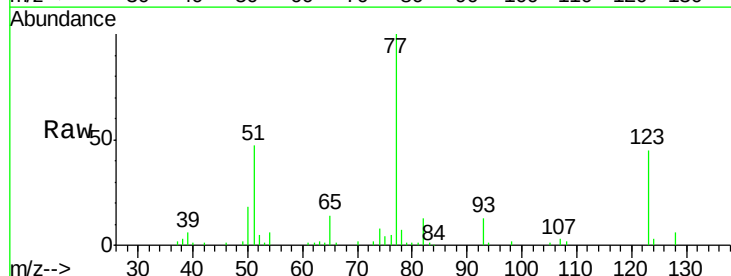
Instrument :
 BNA_F
 ClientSampleId :

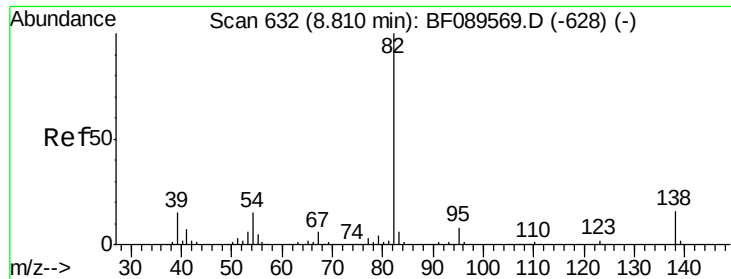
Tot Ion	82	Resp	237928
Ion Ratio	Lower	Upper	
82	100		
128	41.4	32.4	48.6
54	47.7	38.6	58.0



#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

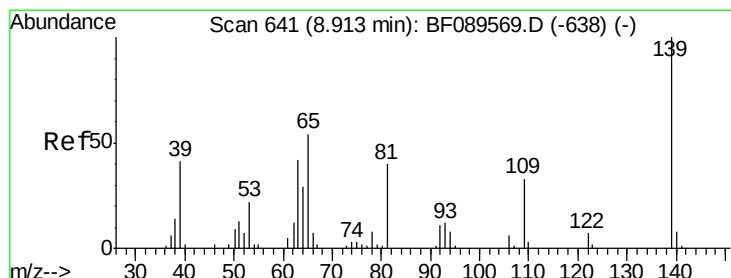
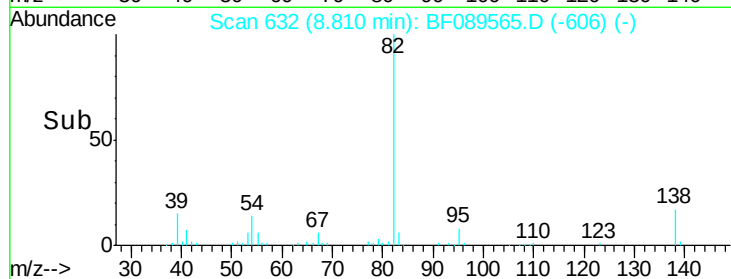
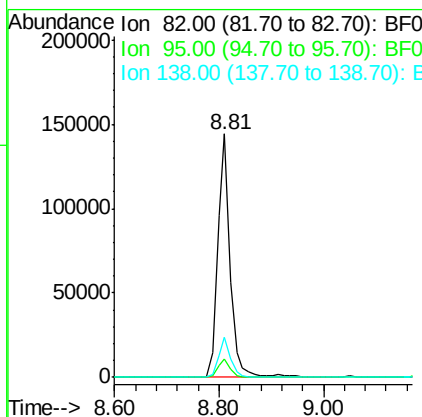
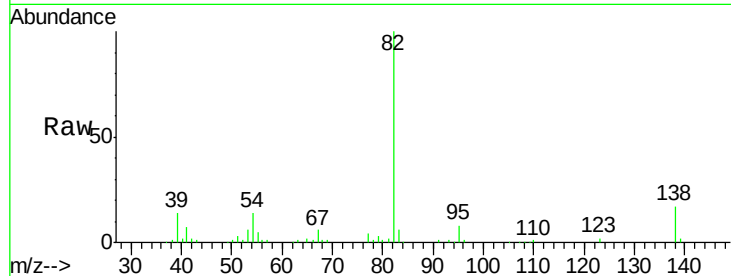




#25
Isophorone
Concen: 38.97 ng
RT: 8.81 min Scan# 632
Delta R.T. -0.00 min
Lab File: BF089565.D
Acq: 3 Aug 2016 17:48

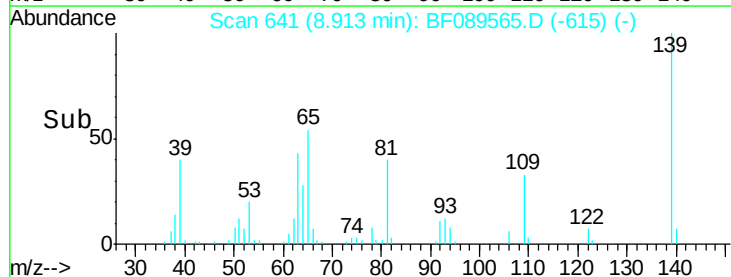
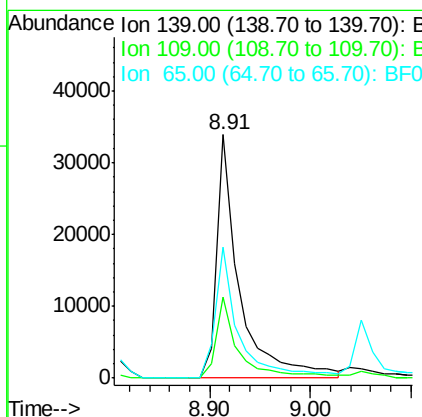
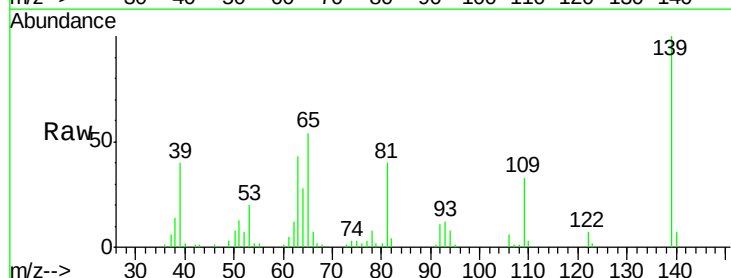
Instrument :
BNA_F
ClientSampleId :

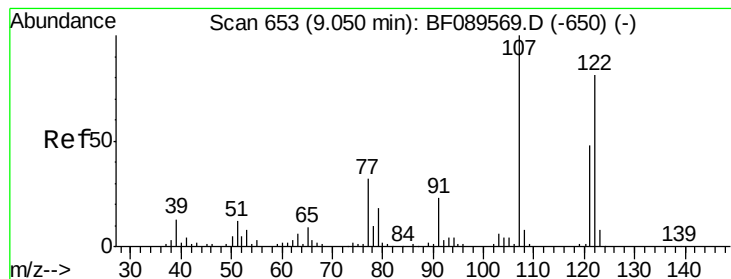
Tot Ion: 82 Resp: 238761
Ion Ratio Lower Upper
82 100
95 7.7 6.1 9.1
138 16.7 13.0 19.4



#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 :

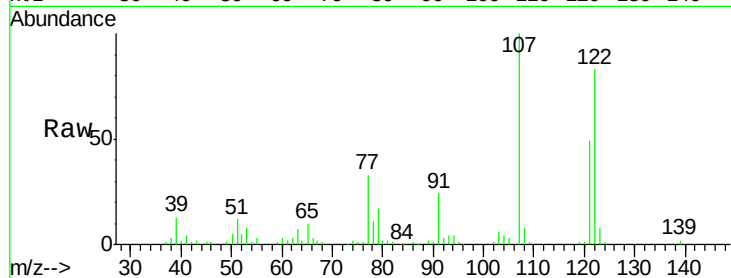
Tot Ion:122 Resp: 99099

Ion Ratio Lower Upper

122 100

107 121.2 99.3 148.9

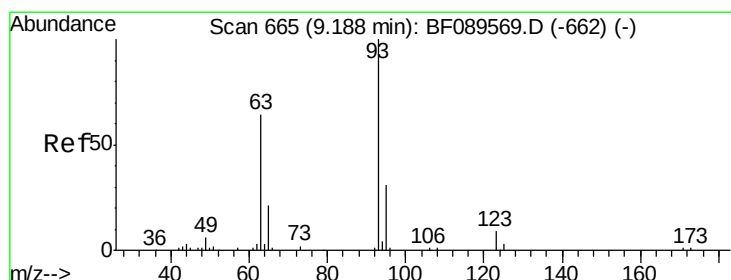
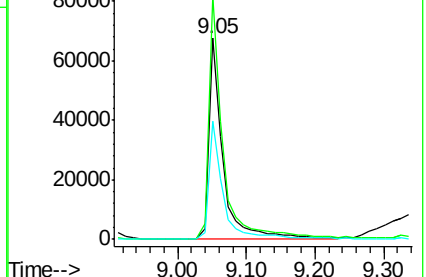
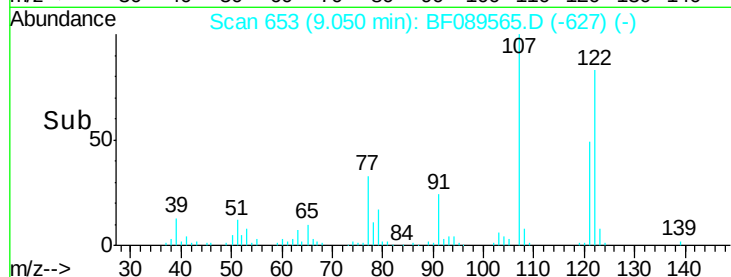
121 58.9 47.8 71.8



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

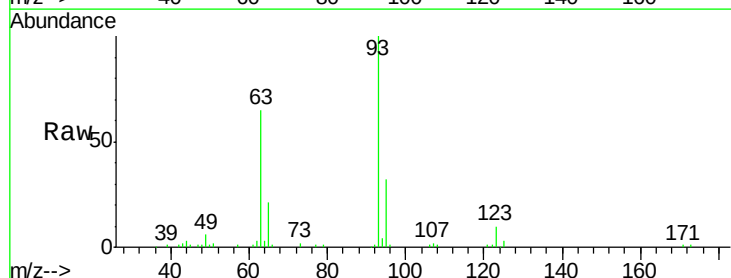
Tgt Ion: 93 Resp: 132460

Ion Ratio Lower Upper

93 100

95 32.0 25.0 37.6

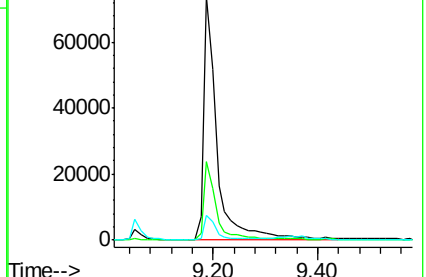
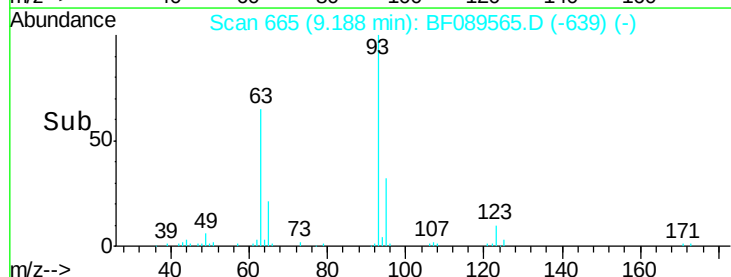
123 10.0 7.4 11.2

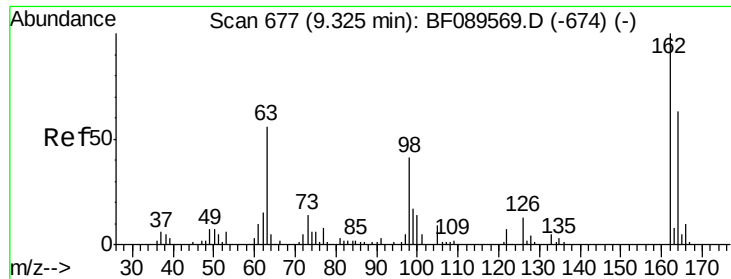


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

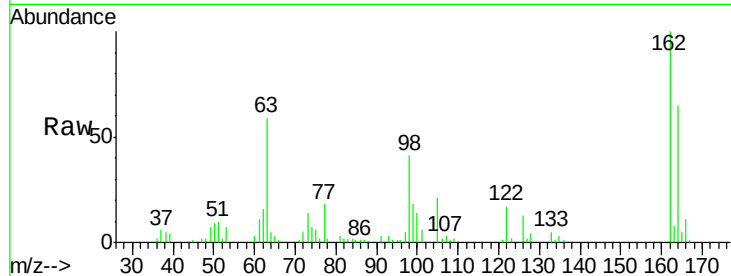




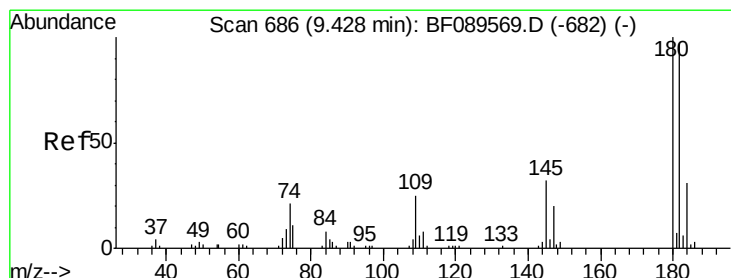
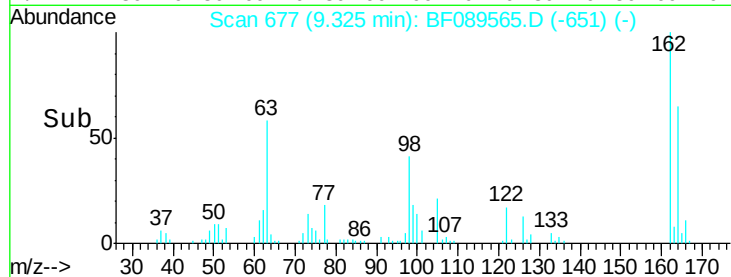
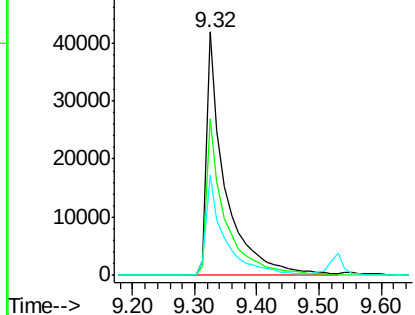
#29
 2,4-Dichlorophenol
 Concen: 36.75 ng
 RT: 9.32 min Scan# 677
 Delta R.T. -0.00 min
 Lab File: BF089565.D
 Acq: 3 Aug 2016 17:48

Instrument :
 BNA_F
 ClientSampleId :

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

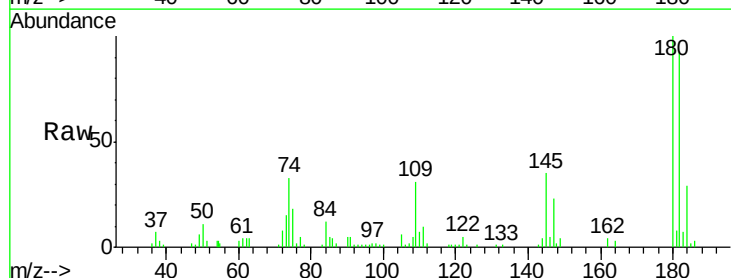


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

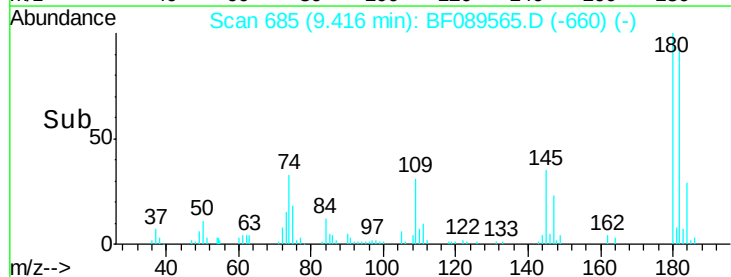
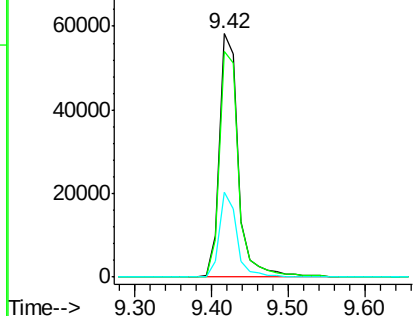


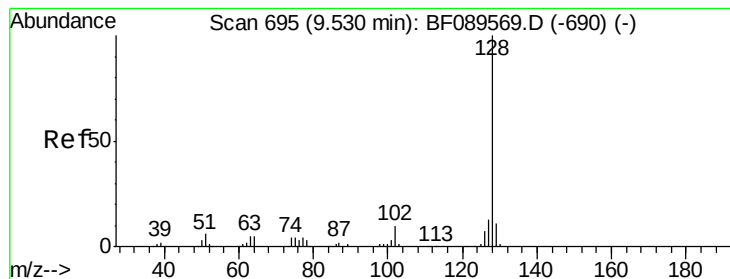
#30
 1,2,4-Trichlorobenzene
 Concen: 37.43 ng
 RT: 9.42 min Scan# 685
 Delta R.T. -0.01 min
 Lab File: BF089565.D
 Acq: 3 Aug 2016 17:48

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



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





#31

Naphthalene

Concen: 36.28 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 :

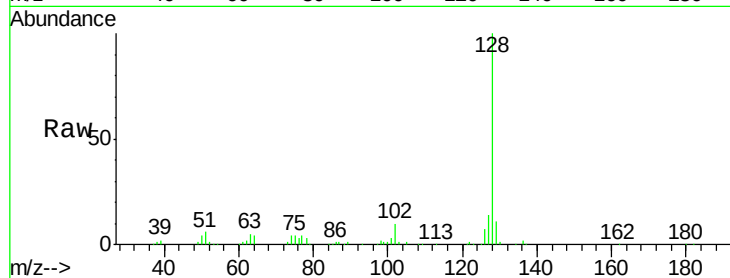
Tot Ion:128 Resp: 344363

Ion Ratio Lower Upper

128 100

129 10.7 8.8 13.2

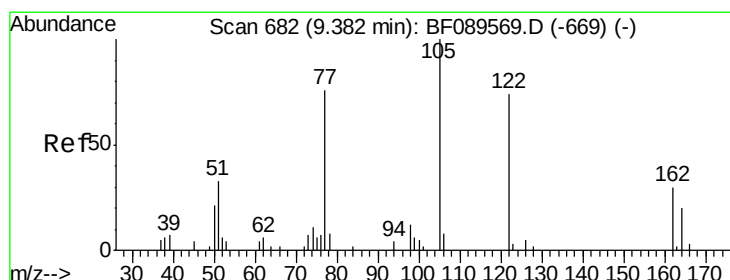
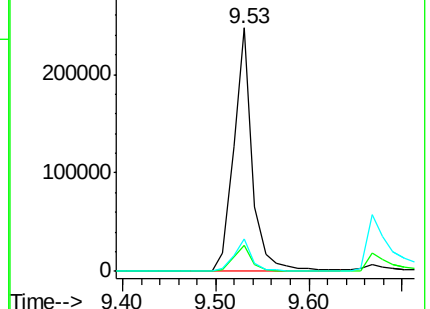
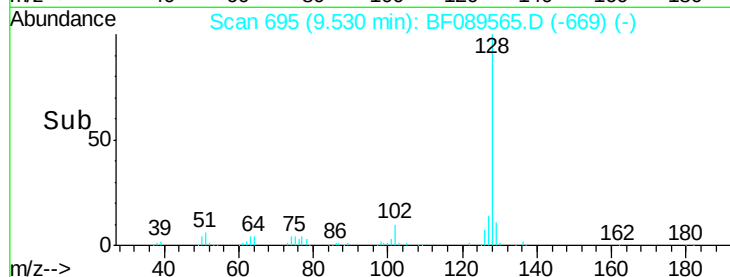
127 13.6 10.8 16.2



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

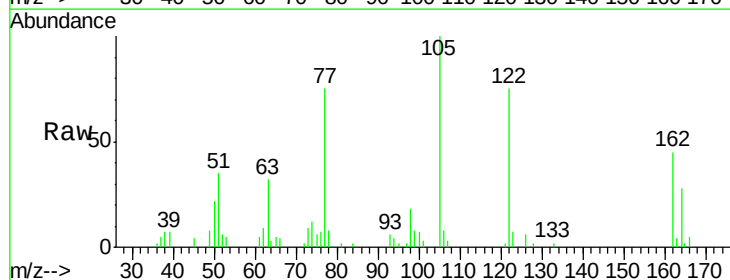
Tgt Ion:122 Resp: 59390

Ion Ratio Lower Upper

122 100

105 134.0 109.8 149.8

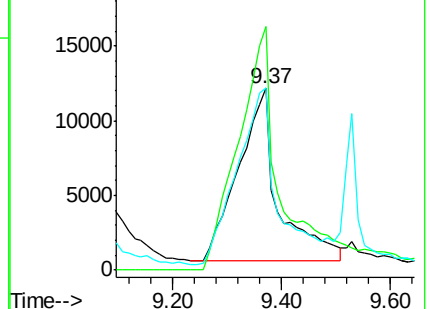
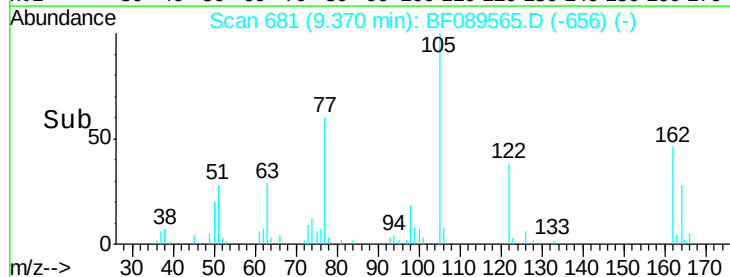
77 100.6 81.8 121.8

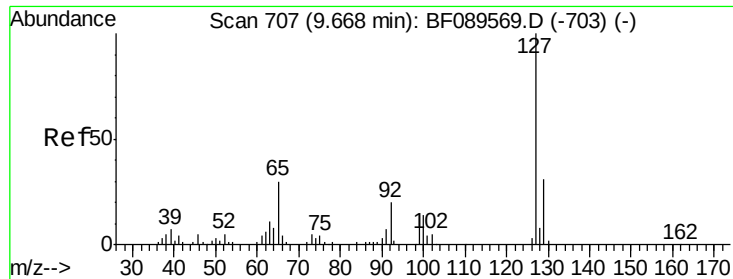


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

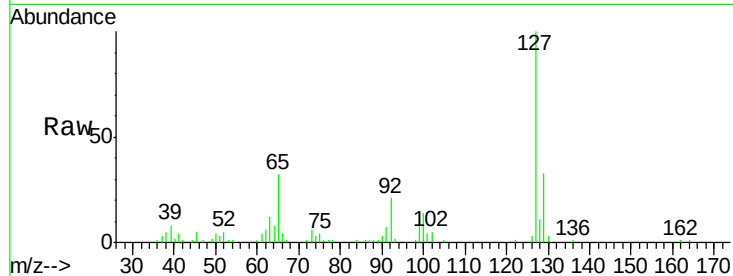




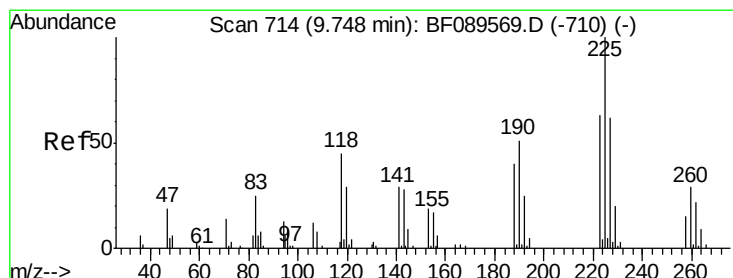
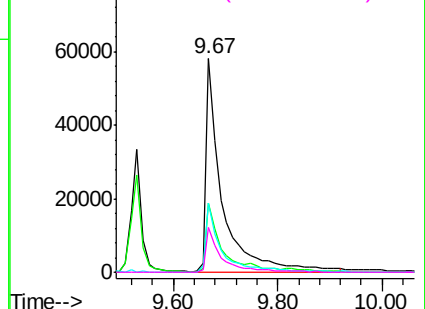
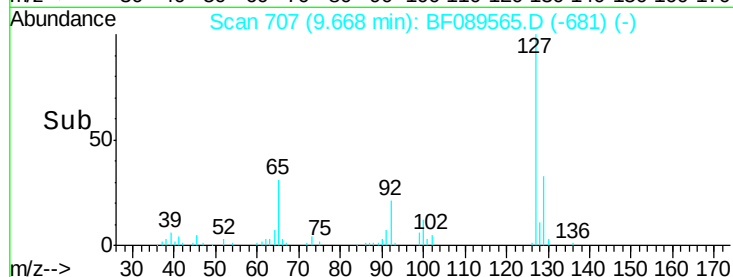
#33
4-Chloroaniline
Concen: 34.54 ng
RT: 9.67 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF089565.D
Acq: 3 Aug 2016 17:48

Instrument :
BNA_F
ClientSampled :

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

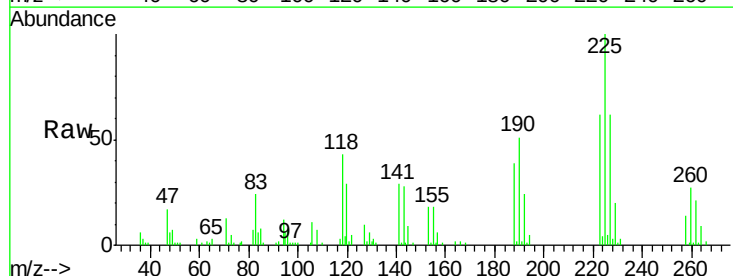


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

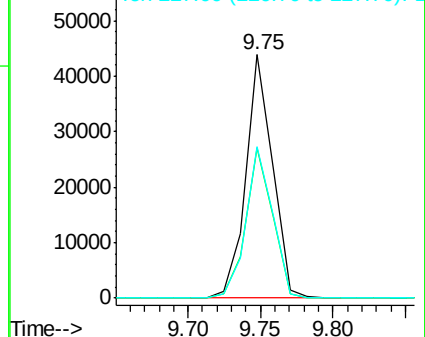
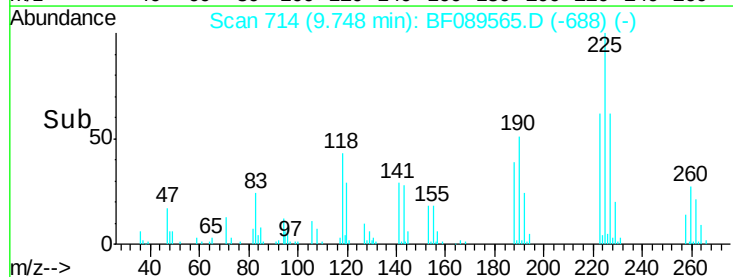


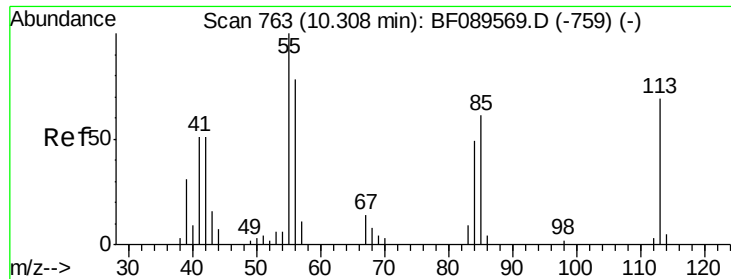
#34
Hexachlorobutadiene
Concen: 35.67 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.00 min
Lab File: BF089565.D
Acq: 3 Aug 2016 17:48

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



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





#35

Caprolactam

Concen: 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

ClientSampled :

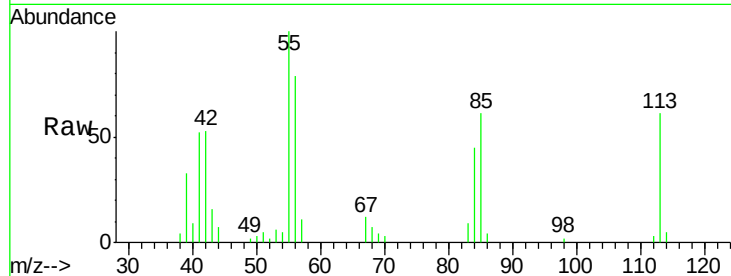
Tot Ion:113 Resp: 25226

Ion Ratio Lower Upper

113 100

55 165.1 124.4 164.4#

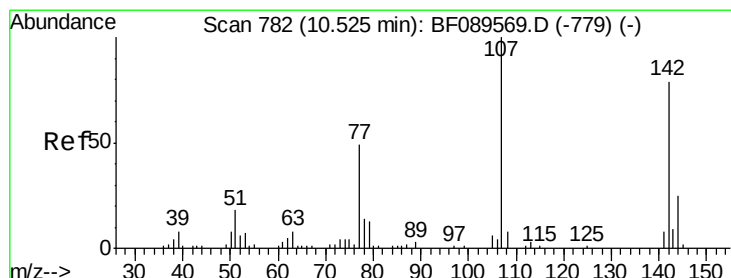
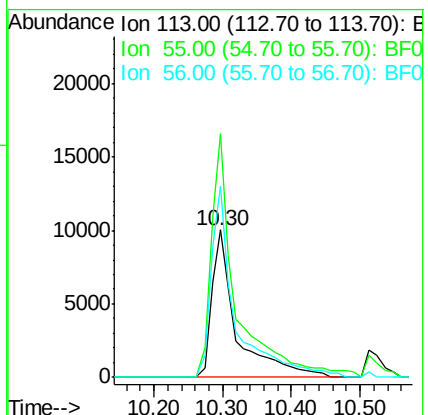
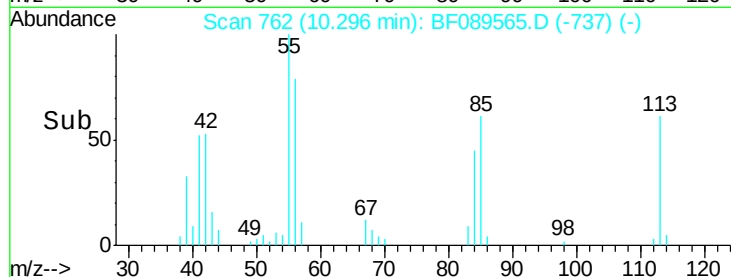
56 130.0 92.2 132.2



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

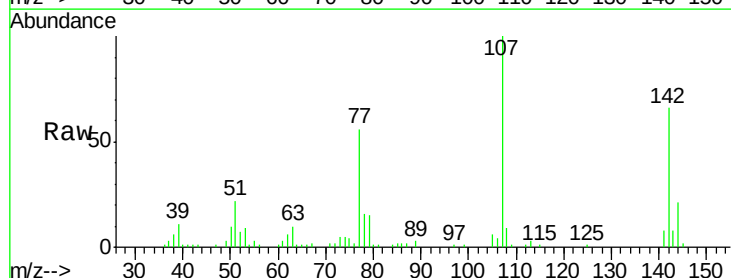
Tgt Ion:107 Resp: 108448

Ion Ratio Lower Upper

107 100

144 20.7 19.9 29.9

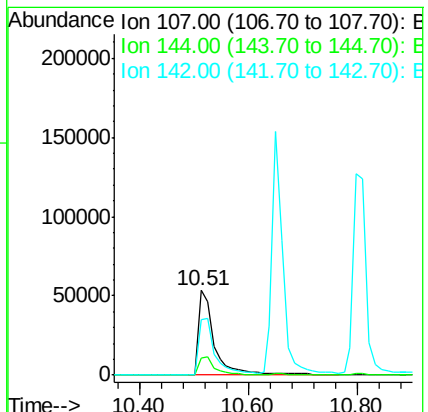
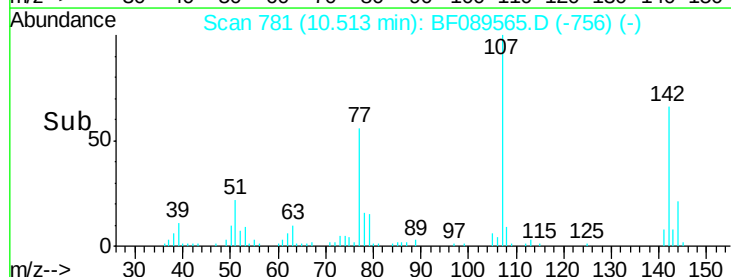
142 66.1 63.0 94.6

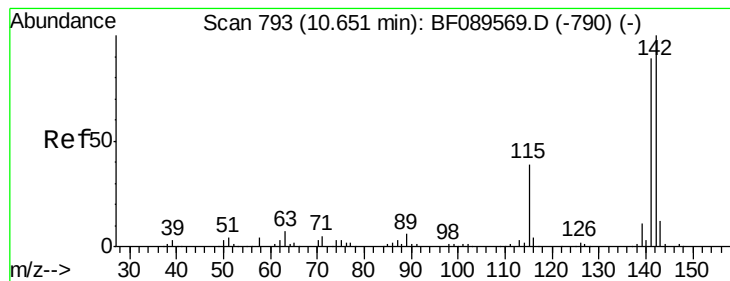


Abundance Ion 107.00 (106.70 to 107.70): E

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 :

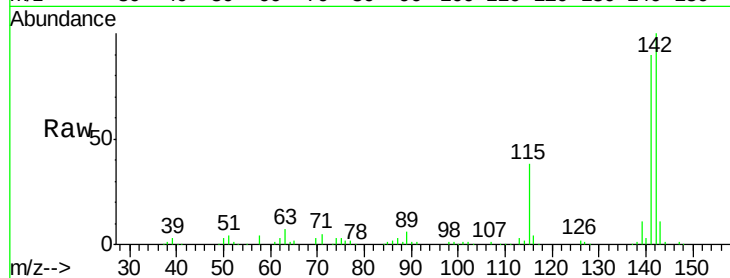
Tot Ion:142 Resp: 208065

Ion Ratio Lower Upper

142 100

141 90.0 70.9 106.3

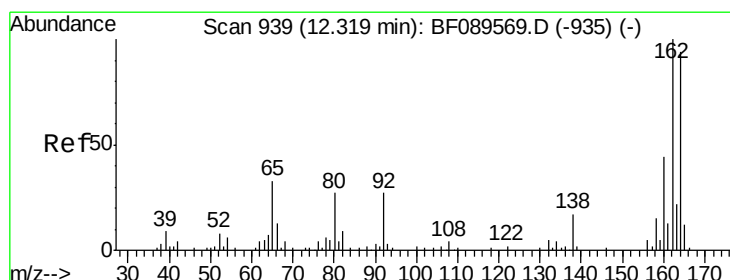
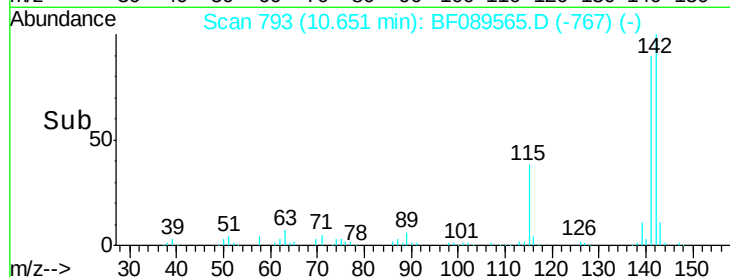
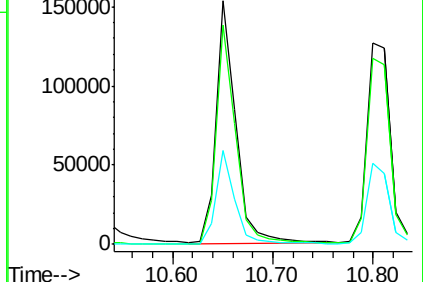
115 38.3 30.7 46.1



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: 12.32 min Scan# 939

Delta R.T. -0.00 min

Lab File: BF089565.D

Acq: 3 Aug 2016 17:48

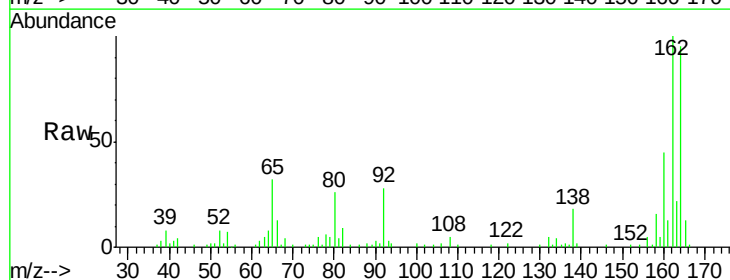
Tgt Ion:164 Resp: 81710

Ion Ratio Lower Upper

164 100

162 104.8 85.4 128.2

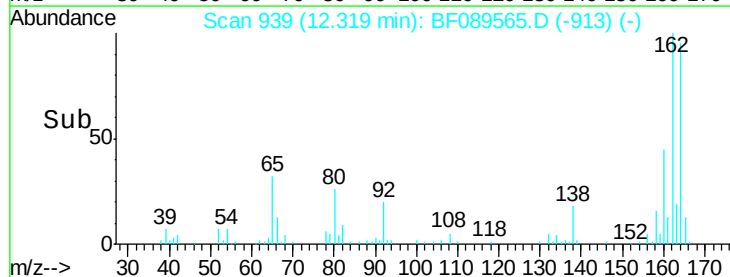
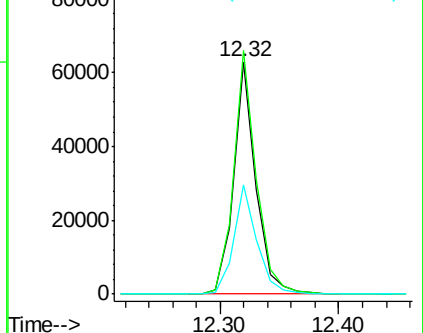
160 46.9 37.3 55.9

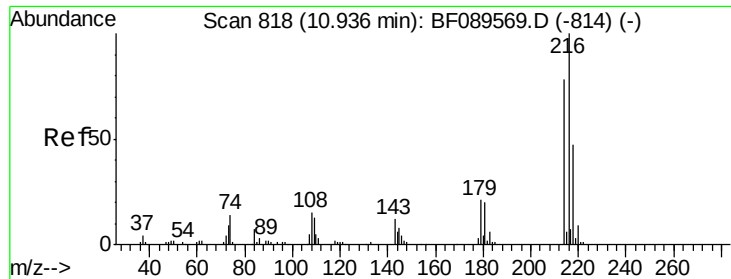


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

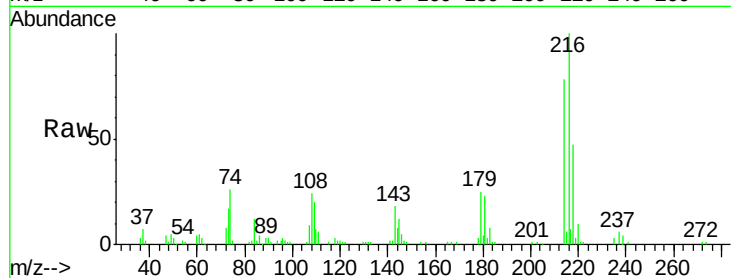




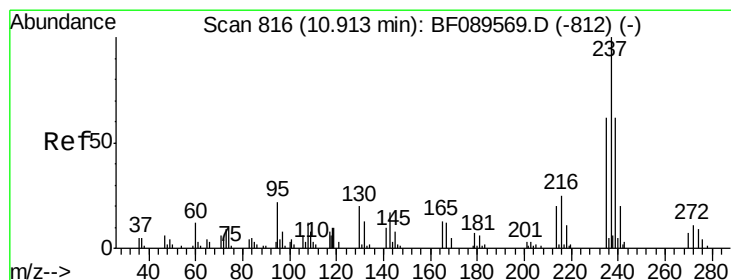
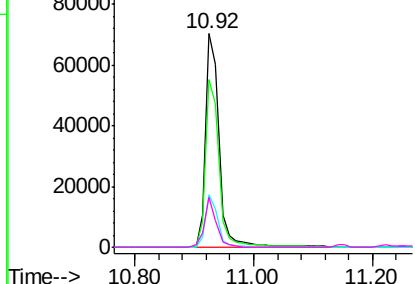
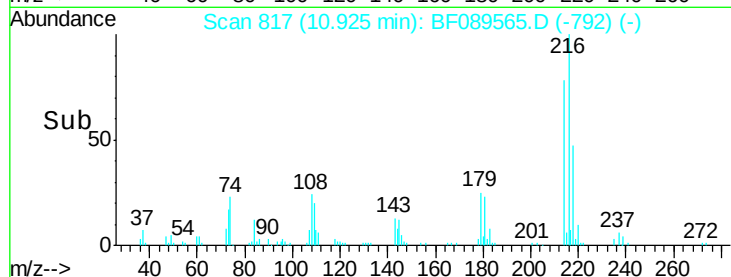
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.92 ng
 RT: 10.92 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF089565.D
 Acq: 3 Aug 2016 17:48

Instrument :
 BNA_F
 ClientSampleId :

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

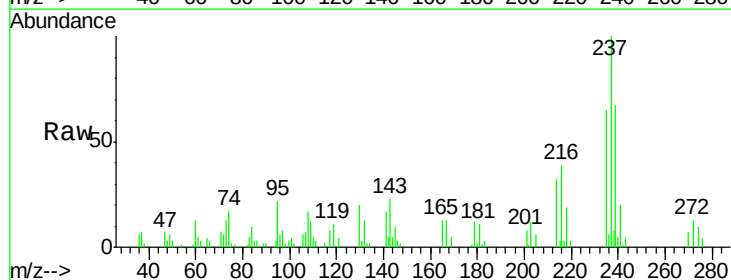


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

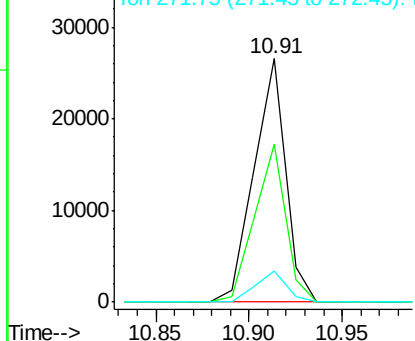
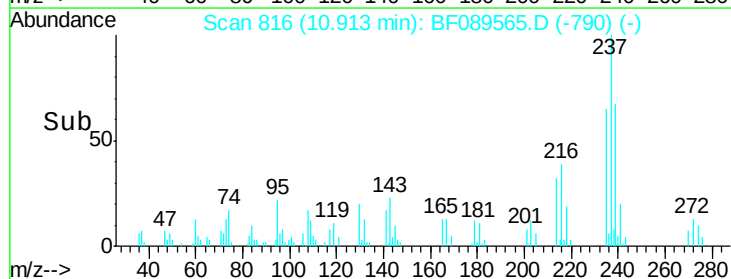


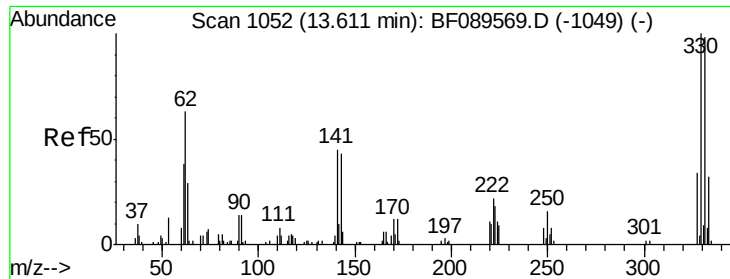
#40
 Hexachlorocyclopentadiene
 Concen: 32.94 ng
 RT: 10.91 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF089565.D
 Acq: 3 Aug 2016 17:48

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

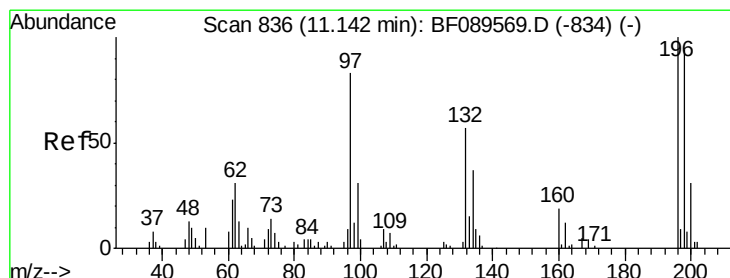
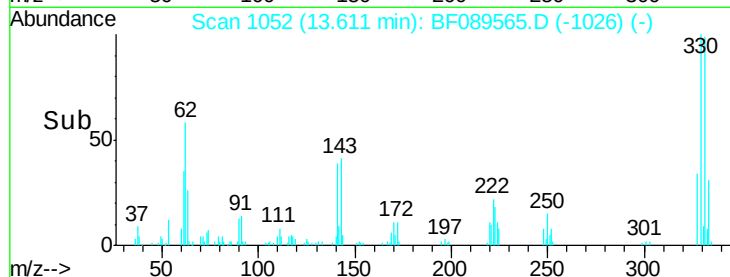
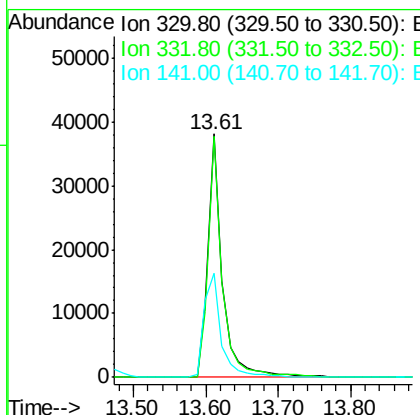
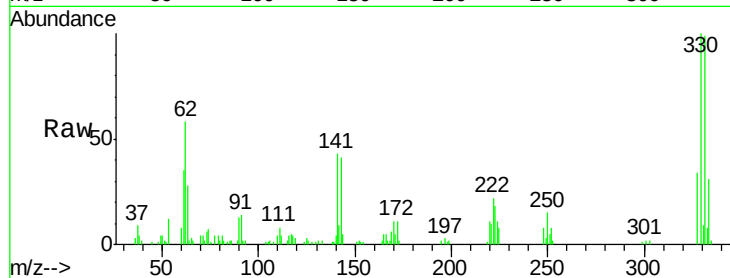




#41
 2,4,6-Tribromophenol
 Concen: 82.70 ng
 RT: 13.61 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: BF089565.D
 Acq: 3 Aug 2016 17:48

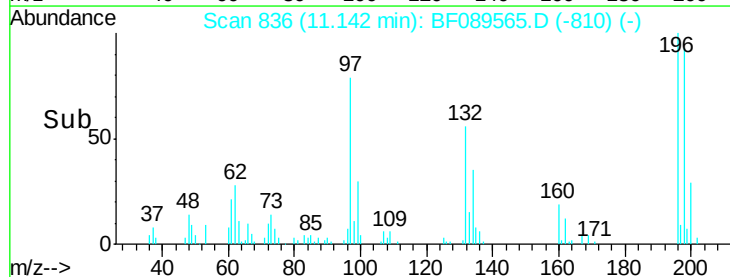
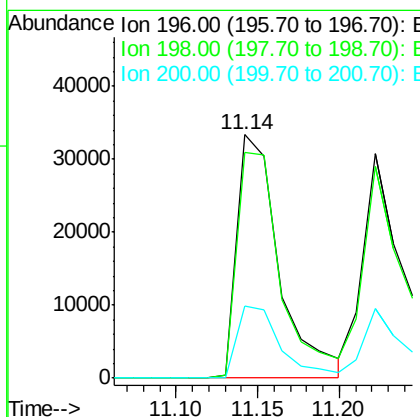
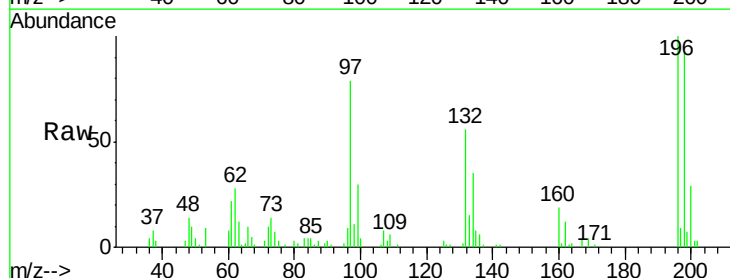
Instrument :
 BNA_F
 ClientSampled :

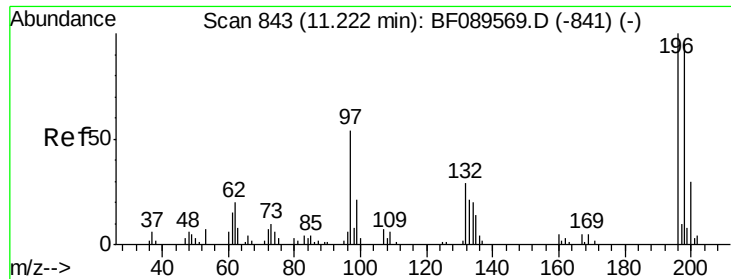
Tot Ion:330 Resp: 53671
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.7 115.1
 141 49.9 40.3 60.5



#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

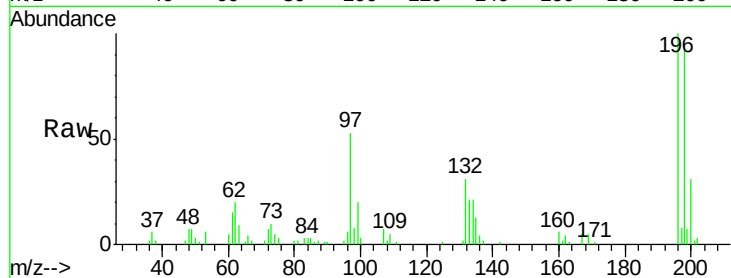




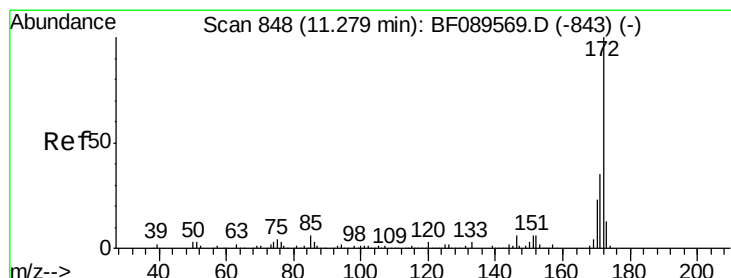
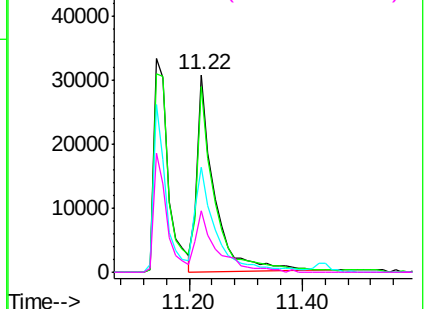
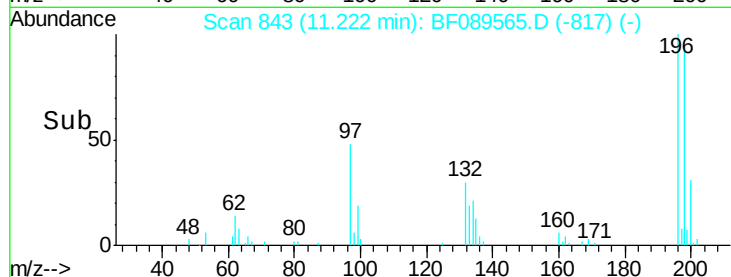
#43
 2,4,5-Trichlorophenol
 Concen: 39.75 ng
 RT: 11.22 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BF089565.D
 Acq: 3 Aug 2016 17:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 63967
 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

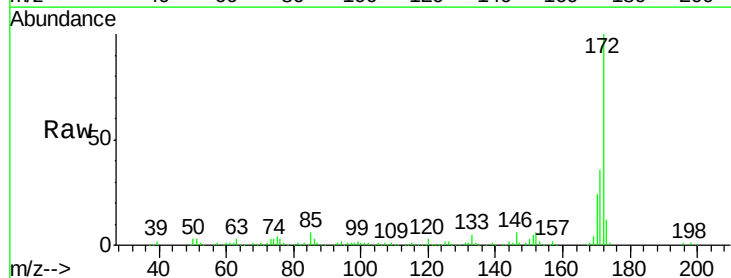


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

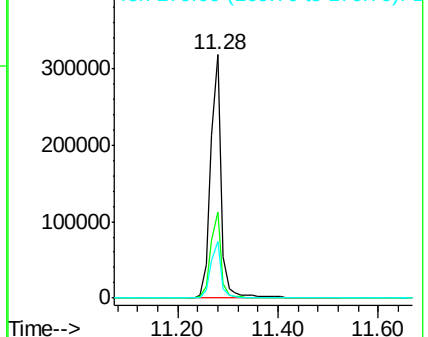
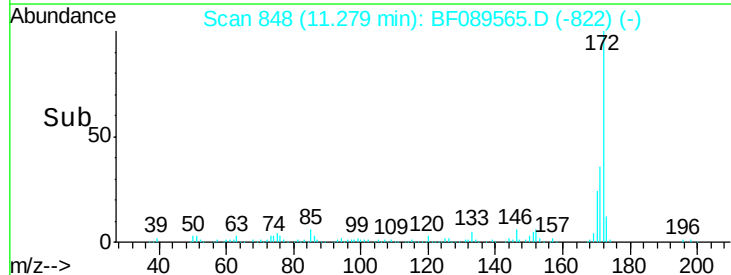


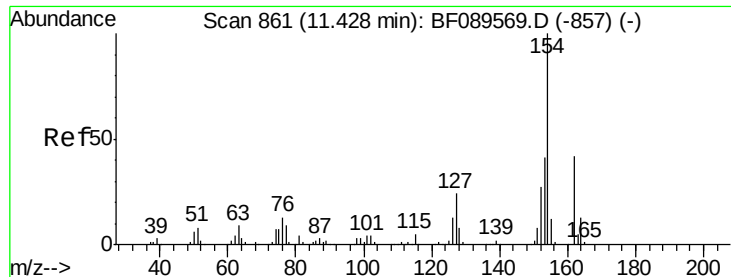
#44
 2-Fluorobiphenyl
 Concen: 74.35 ng
 RT: 11.28 min Scan# 848
 Delta R.T. -0.00 min
 Lab File: BF089565.D
 Acq: 3 Aug 2016 17:48

Tgt Ion:172 Resp: 467767
 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

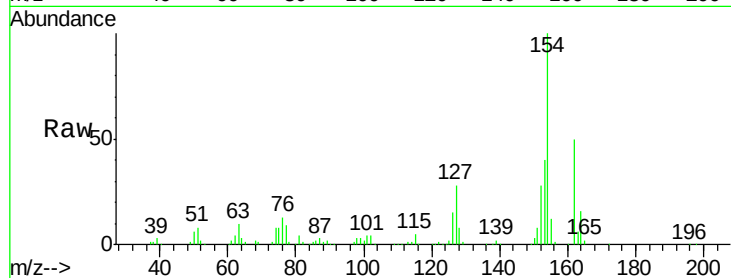




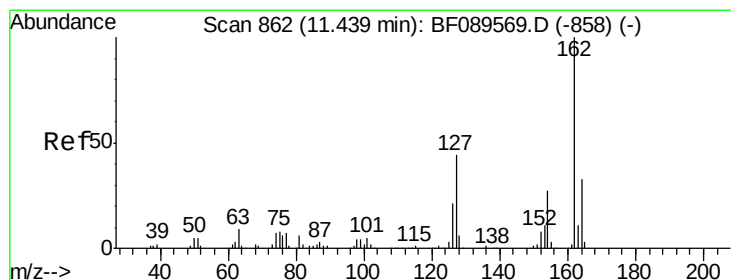
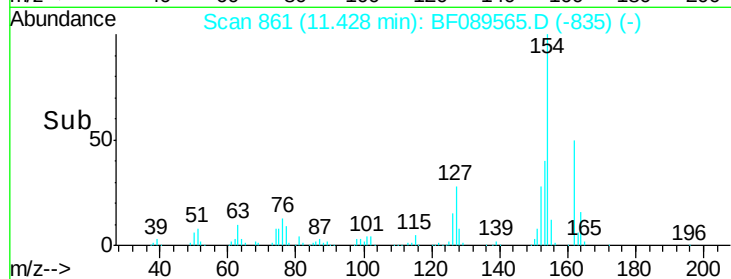
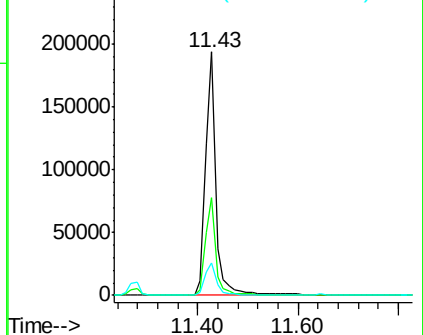
#45
 1,1'-Biphenyl
 Concen: 38.06 ng
 RT: 11.43 min Scan# 861
 Delta R.T. -0.00 min
 Lab File: BF089565.D
 Acq: 3 Aug 2016 17:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 280867
 Ion Ratio Lower Upper
 154 100
 153 40.2 20.6 60.6
 76 13.1 0.0 33.3

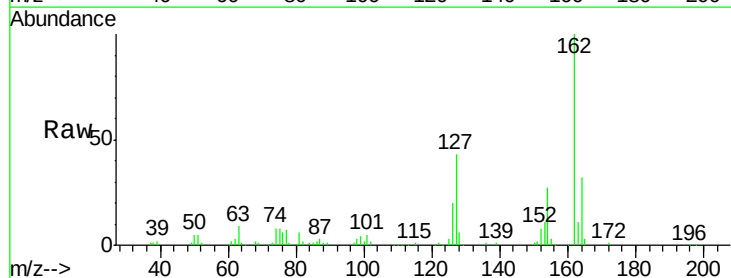


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

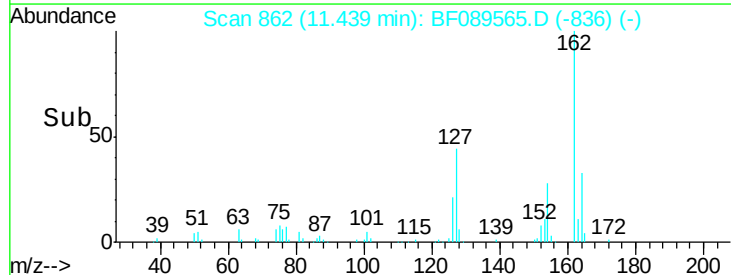
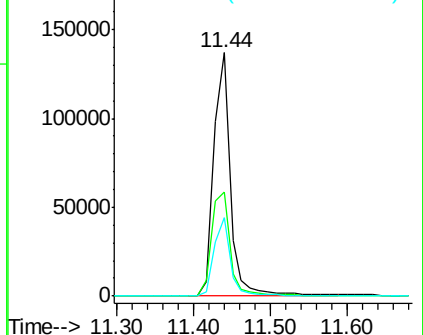


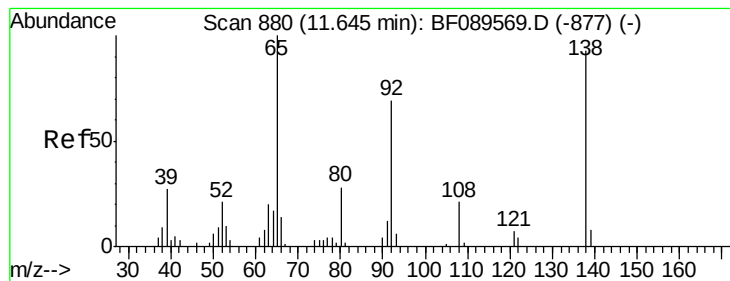
#46
 2-Chloronaphthalene
 Concen: 37.56 ng
 RT: 11.44 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: BF089565.D
 Acq: 3 Aug 2016 17:48

Tgt Ion:162 Resp: 207678
 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 :

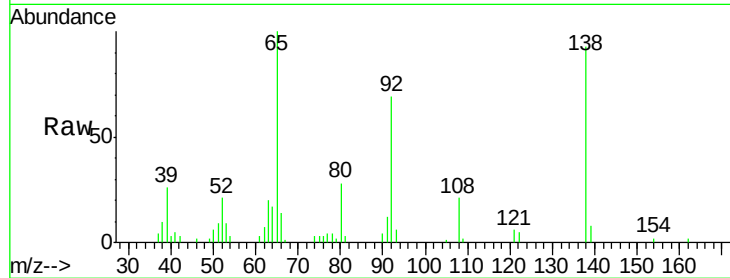
Tot Ion: 65 Resp: 62594

Ion Ratio Lower Upper

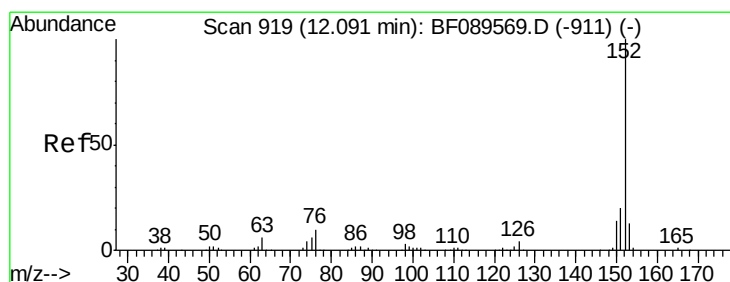
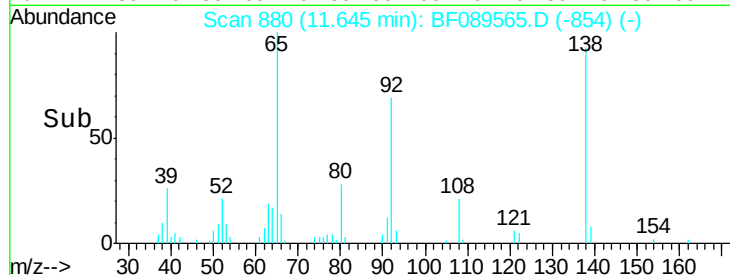
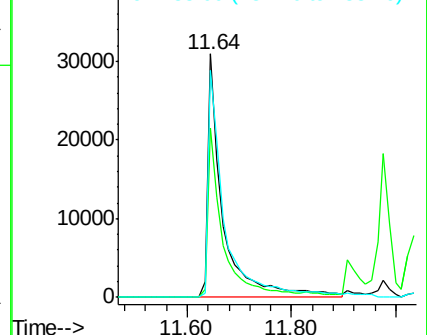
65 100

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): BF0



#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

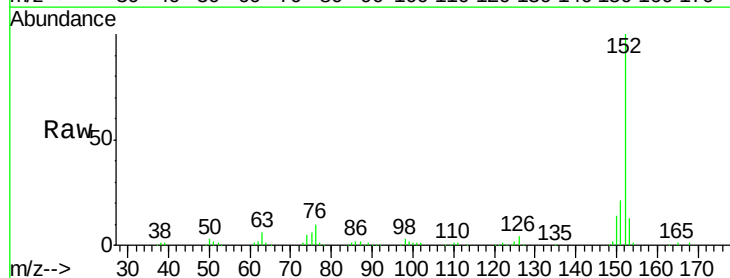
Tgt Ion: 152 Resp: 342533

Ion Ratio Lower Upper

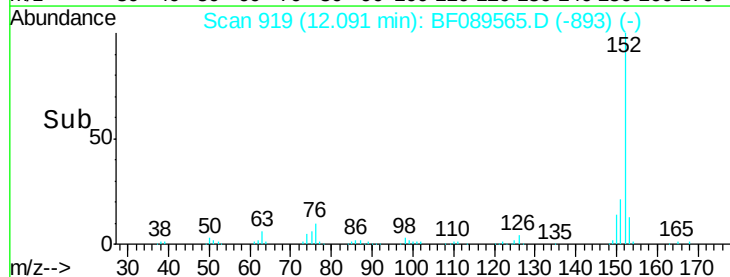
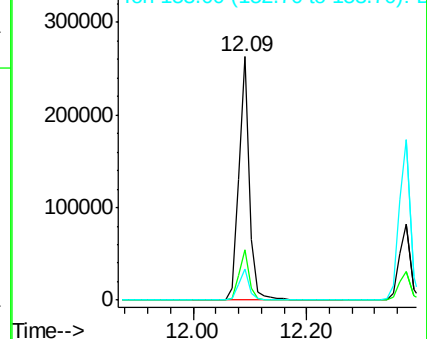
152 100

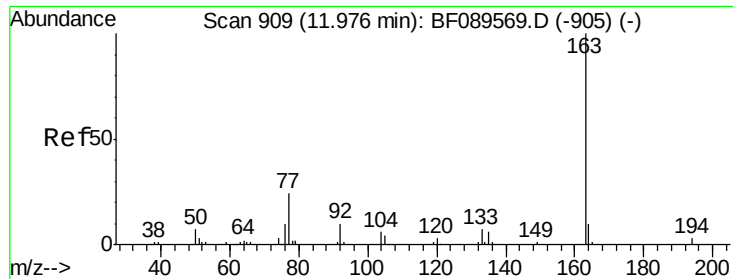
151 20.6 16.3 24.5

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

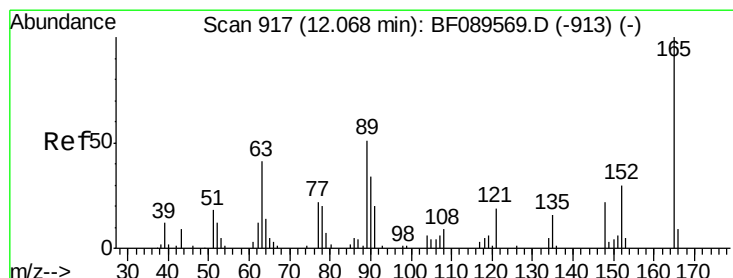
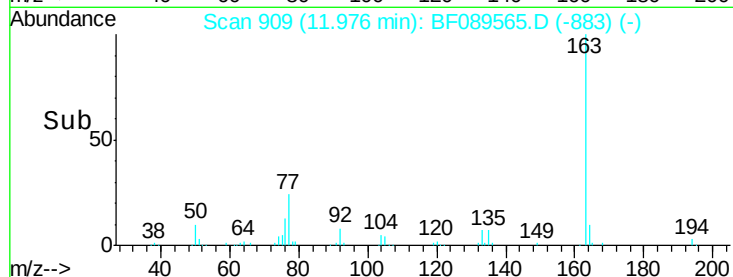
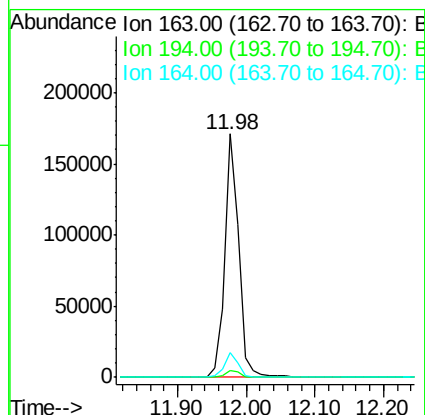
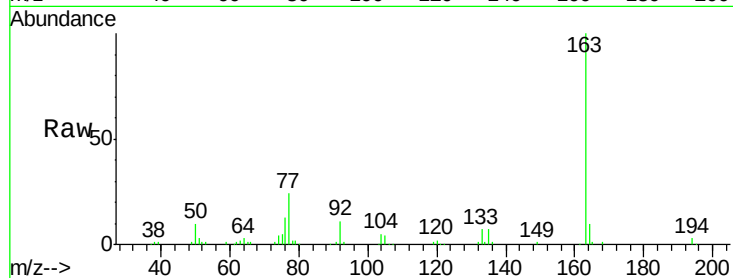




#49
Dimethylphthalate
Concen: 39.36 ng
RT: 11.98 min Scan# 909
Delta R.T. -0.00 min
Lab File: BF089565.D
Acq: 3 Aug 2016 17:48

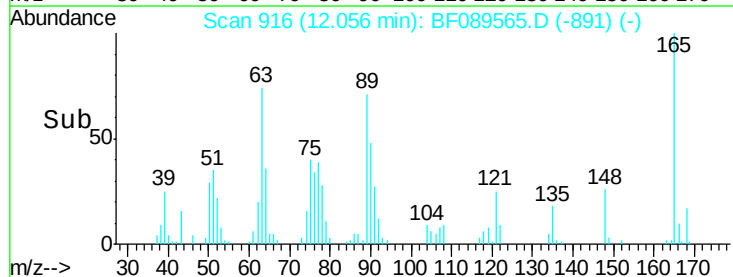
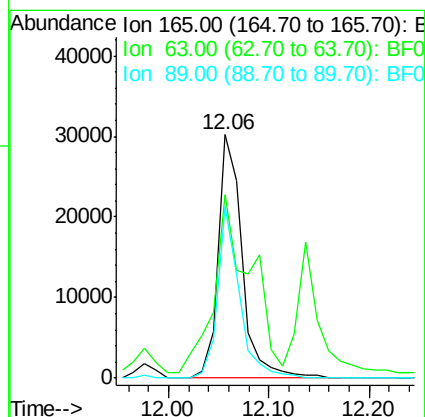
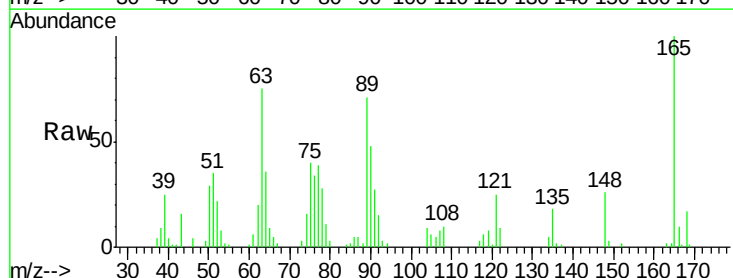
Instrument :
BNA_F
ClientSampleId :

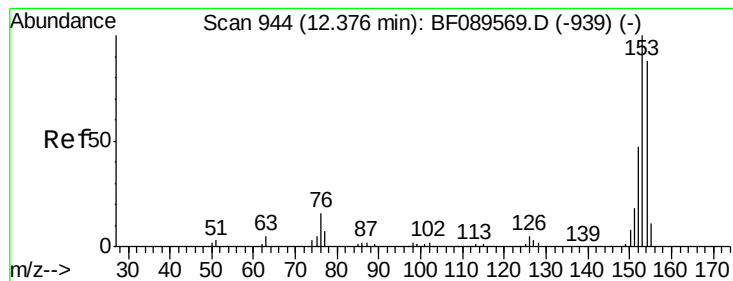
Tot Ion:163 Resp: 246407
Ion Ratio Lower Upper
163 100
194 3.0 2.4 3.6
164 10.0 8.2 12.4



#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#





#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 :

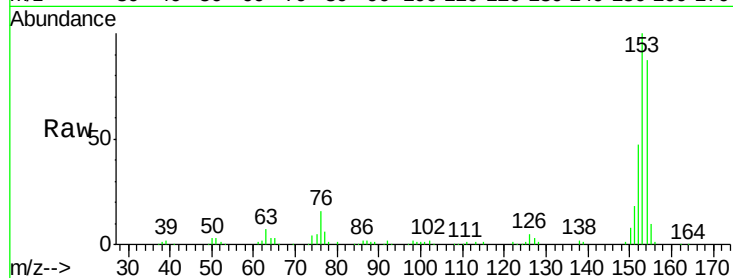
Tot Ion:154 Resp: 199485

Ion Ratio Lower Upper

154 100

153 114.7 91.2 136.8

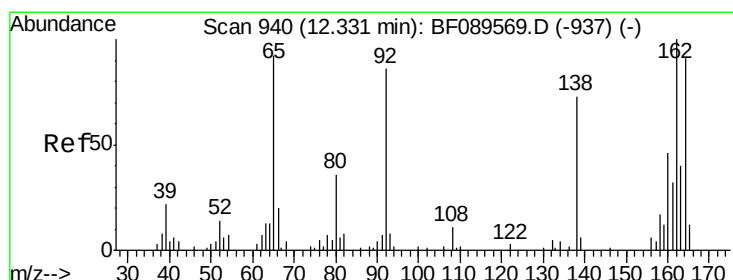
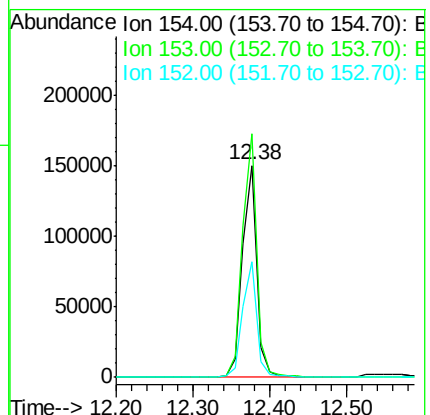
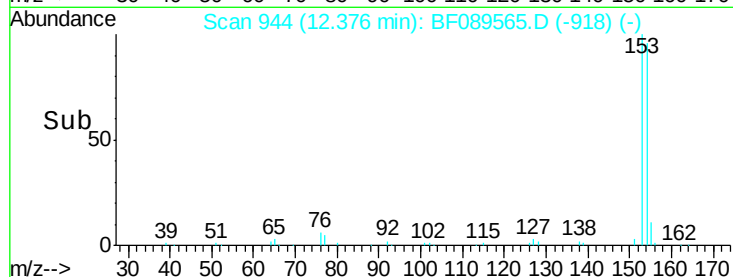
152 54.4 43.1 64.7



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

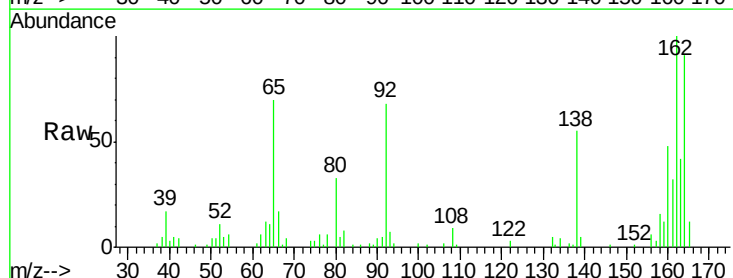
Tgt Ion:138 Resp: 51168

Ion Ratio Lower Upper

138 100

108 15.6 11.6 17.4

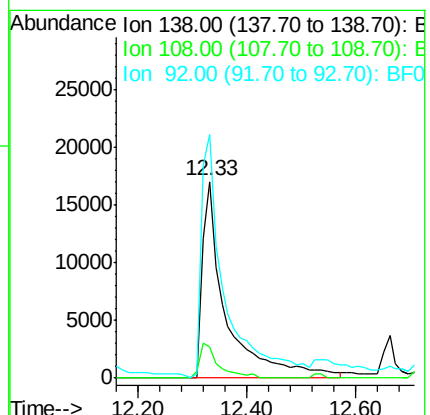
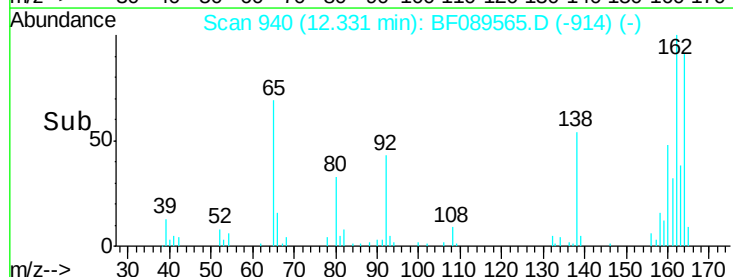
92 123.8 94.6 141.8

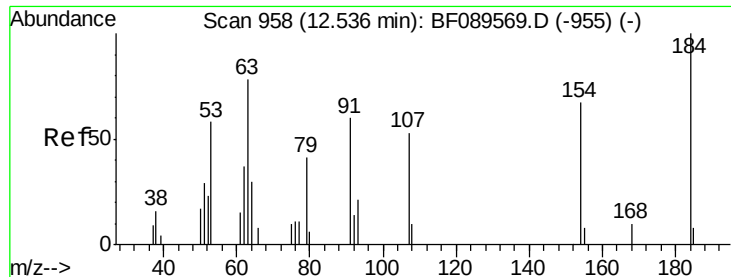


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

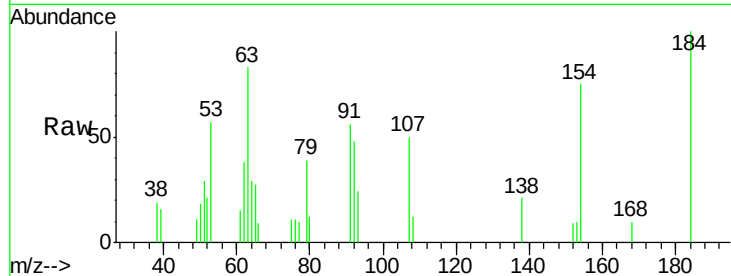




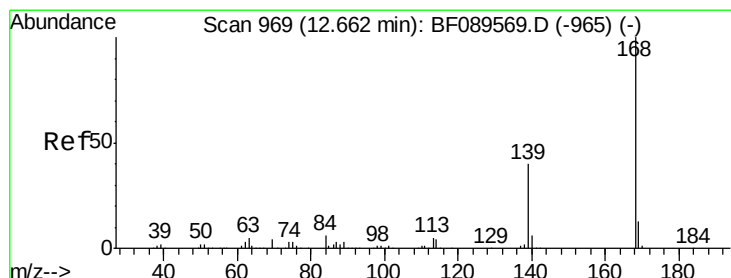
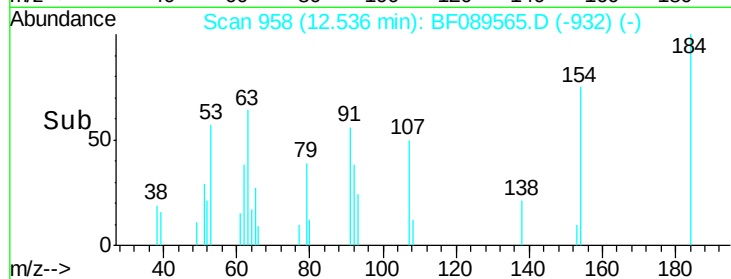
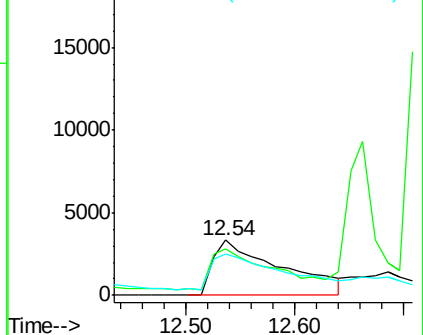
#53
 2,4-Dinitrophenol
 Concen: 34.71 ng
 RT: 12.54 min Scan# 958
 Delta R.T. -0.00 min
 Lab File: BF089565.D
 Acq: 3 Aug 2016 17:48

Instrument :
 BNA_F
 ClientSampled :

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

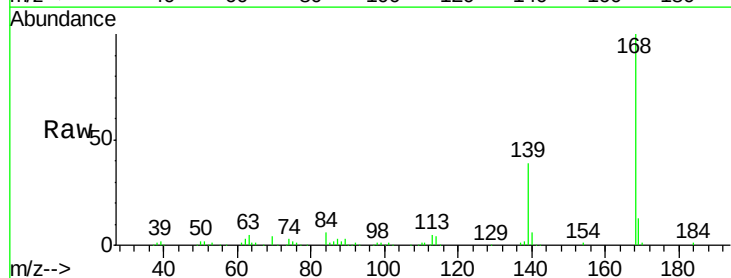


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

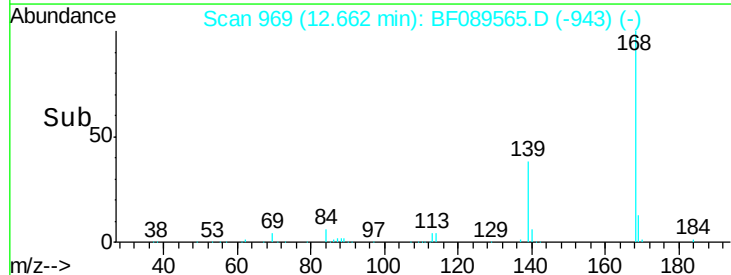
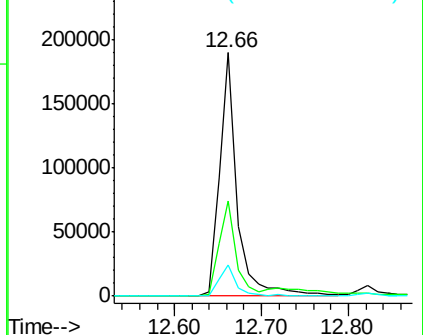


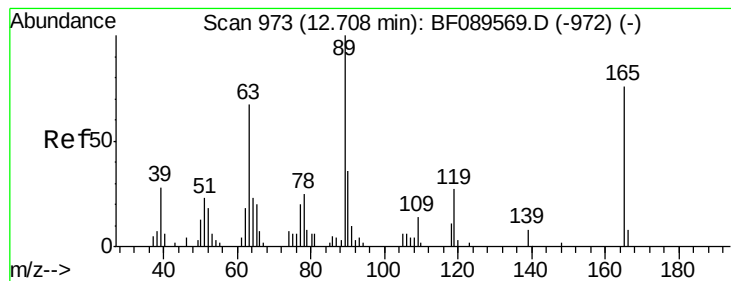
#54
 Dibenzofuran
 Concen: 37.59 ng
 RT: 12.66 min Scan# 969
 Delta R.T. -0.00 min
 Lab File: BF089565.D
 Acq: 3 Aug 2016 17:48

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

ClientSampled :

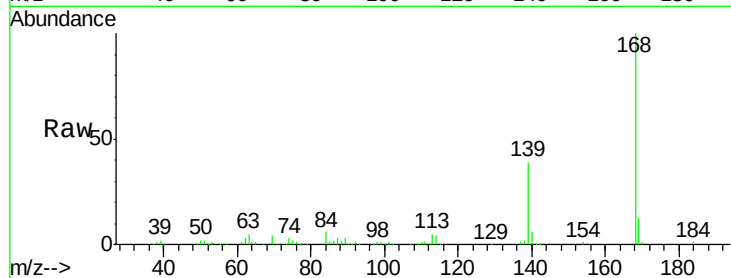
Tot Ion:139 Resp: 101543

Ion Ratio Lower Upper

139 100

109 0.9 35.2 75.2#

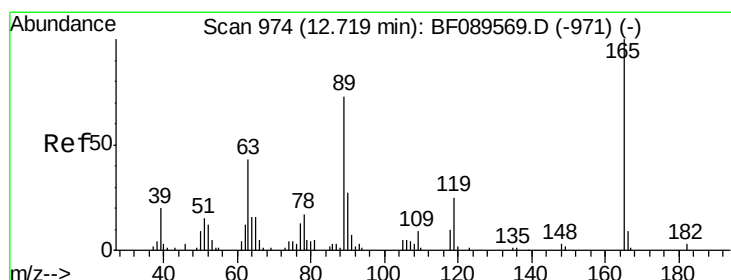
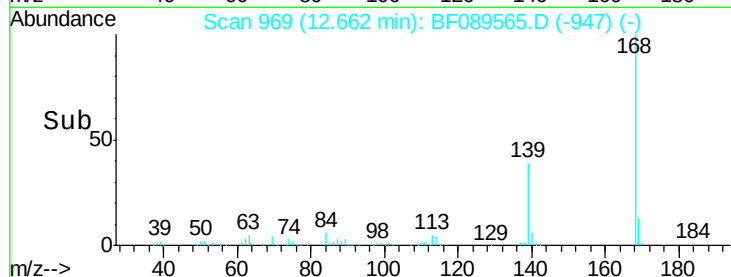
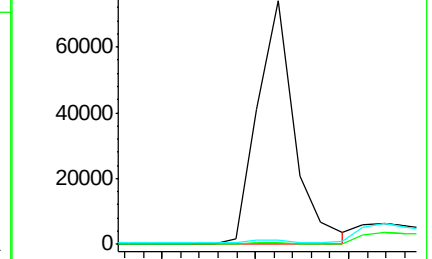
65 2.0 66.4 106.4#



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

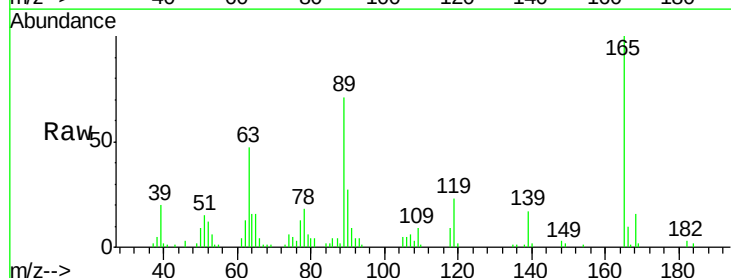
Ion Ratio Lower Upper

165 100

63 46.6 38.2 57.2

89 71.1 59.8 89.6

182 2.7 2.0 3.0

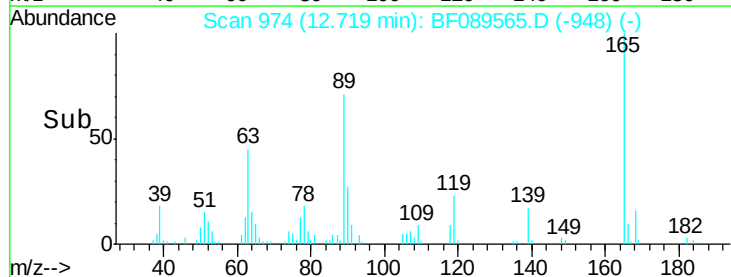
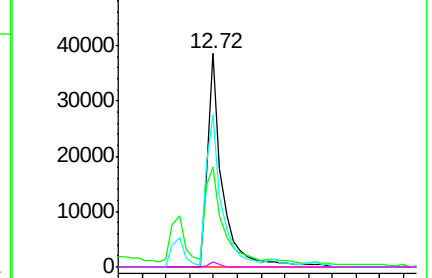


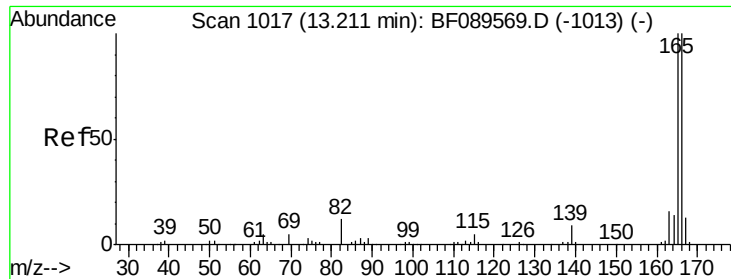
Abundance Ion 165.00 (164.70 to 165.70): E

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

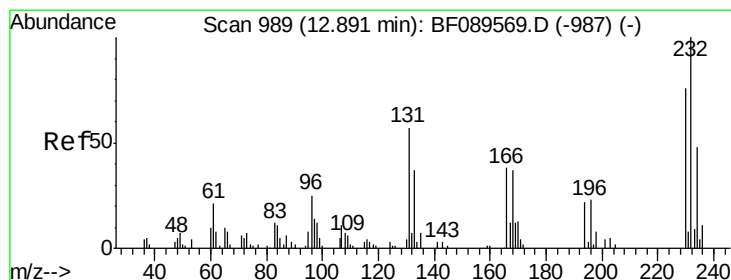
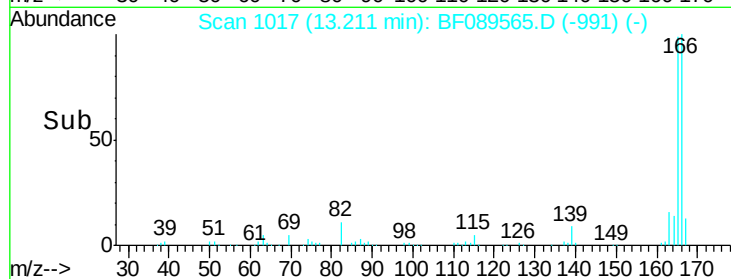
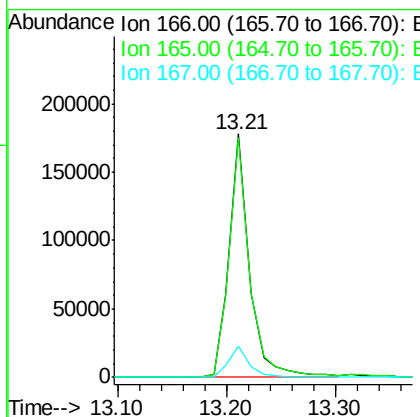
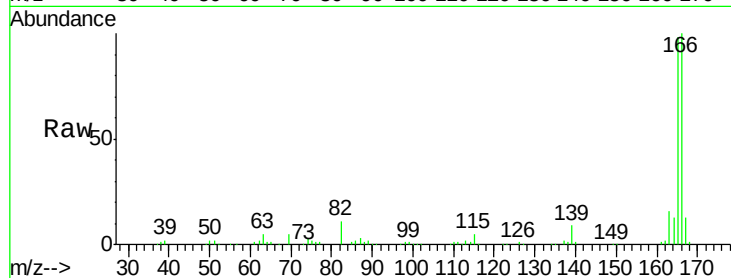




#57
 Fluorene
 Concen: 37.84 ng
 RT: 13.21 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: BF089565.D
 Acq: 3 Aug 2016 17:48

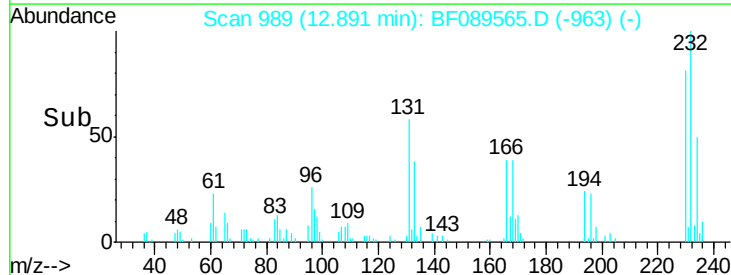
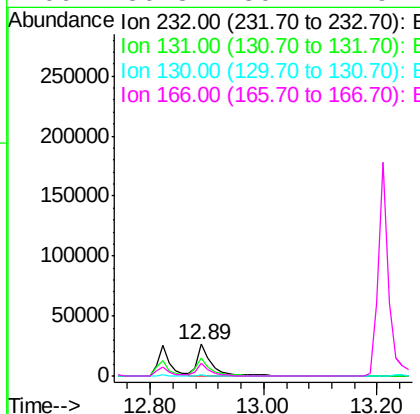
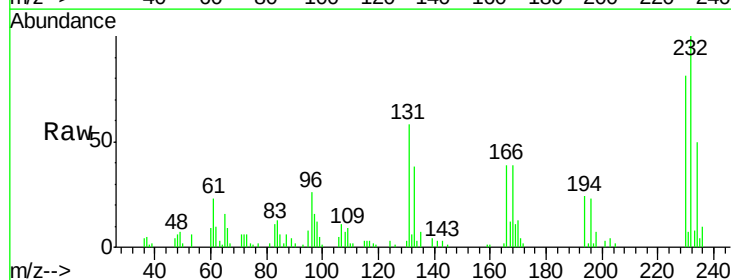
Instrument :
 BNA_F
 ClientSampleId :

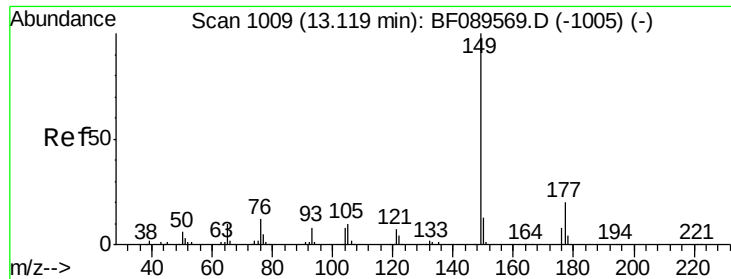
Tot Ion:166 Resp: 231500
 Ion Ratio Lower Upper
 166 100
 165 98.3 80.2 120.2
 167 12.8 10.4 15.6



#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

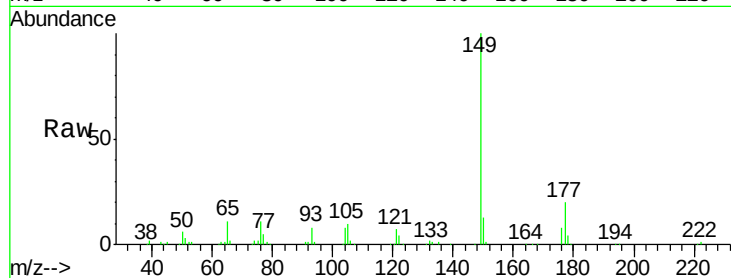




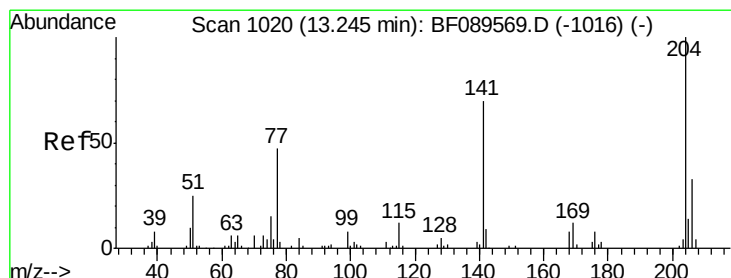
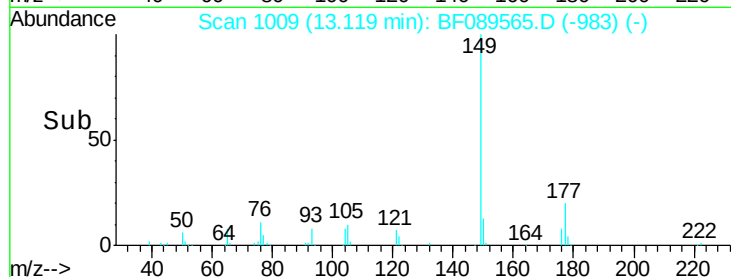
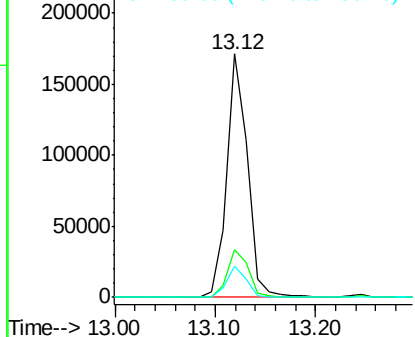
#59
Diethylphthalate
Concen: 38.65 ng
RT: 13.12 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF089565.D
Acq: 3 Aug 2016 17:48

Instrument :
BNA_F
ClientSampleId :

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

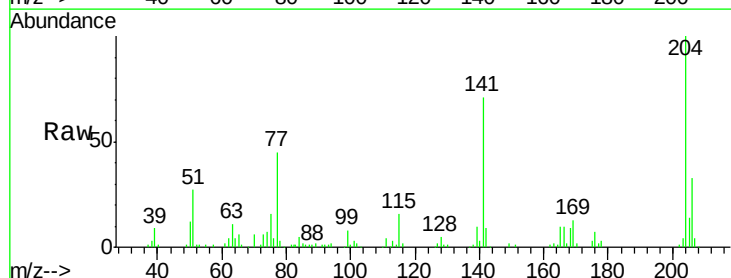


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

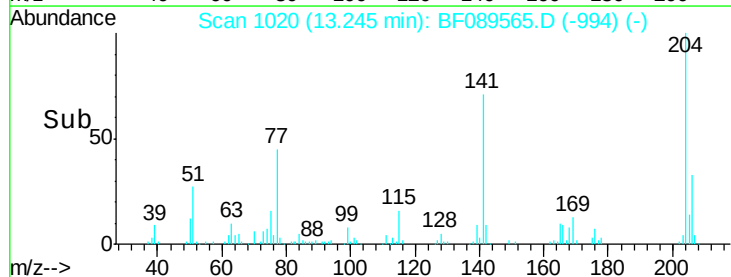
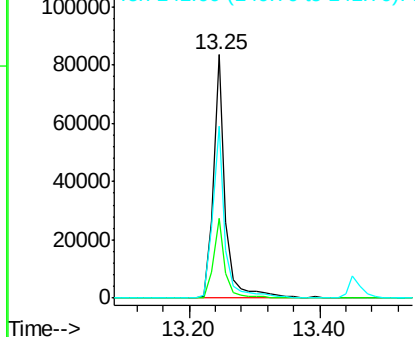


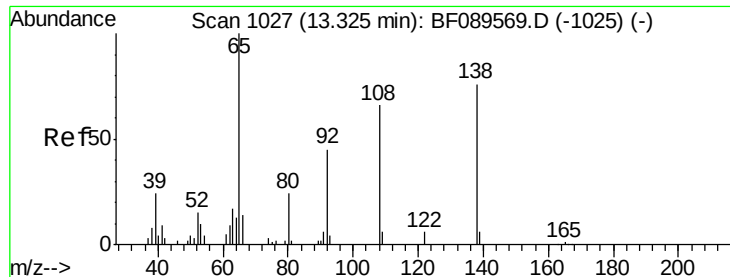
#60
4-Chlorophenyl-phenylether
Concen: 39.24 ng
RT: 13.25 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF089565.D
Acq: 3 Aug 2016 17:48

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



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

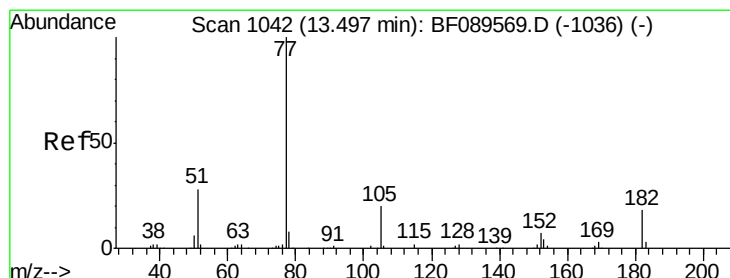
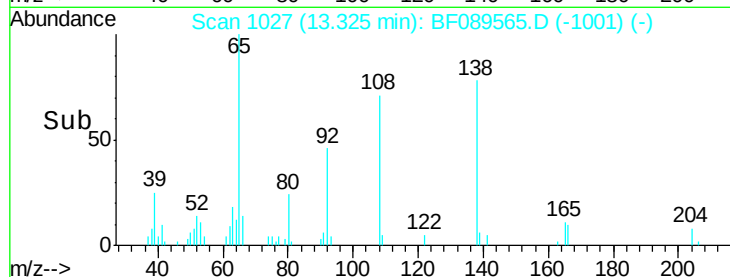
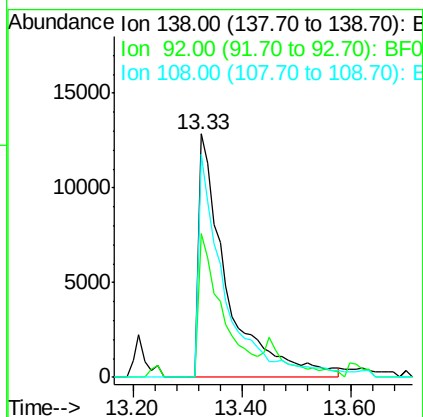
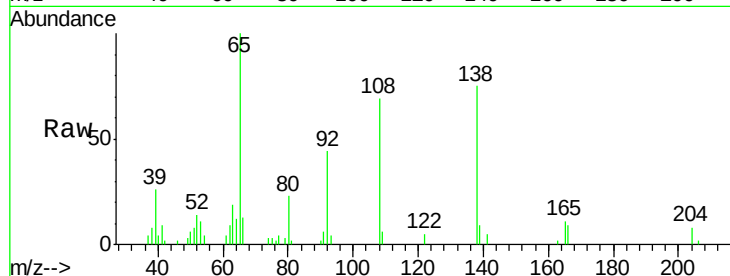




#61
4-Nitroaniline
Concen: 35.69 ng
RT: 13.33 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF089565.D
Acq: 3 Aug 2016 17:48

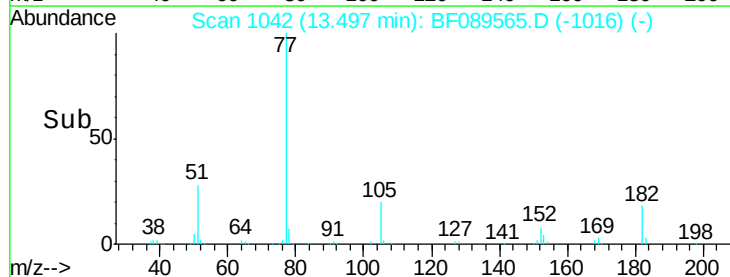
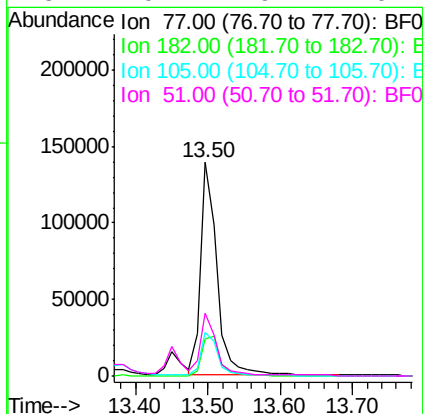
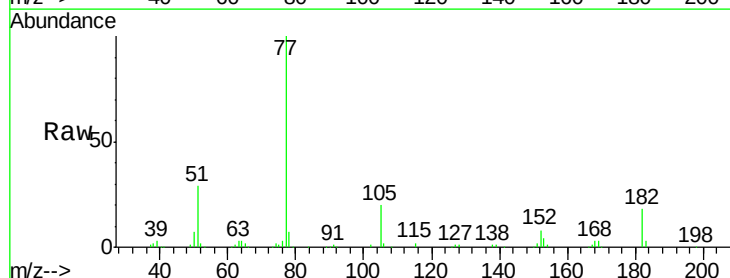
Instrument :
BNA_F
ClientSampleId :

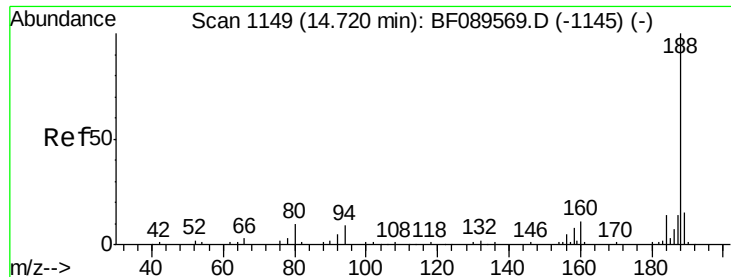
Tot Ion:138 Resp: 46187
Ion Ratio Lower Upper
138 100
92 59.2 39.5 79.5
108 91.9 66.4 106.4



#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

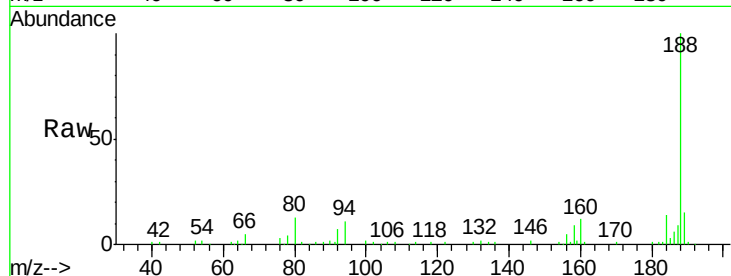




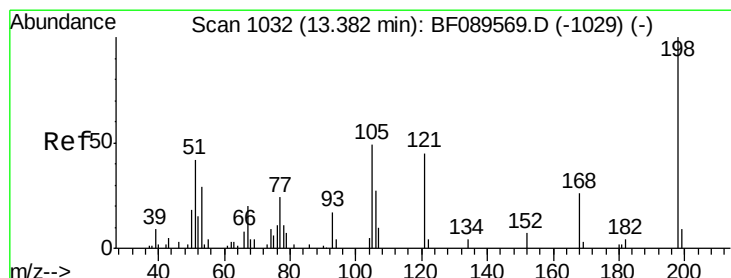
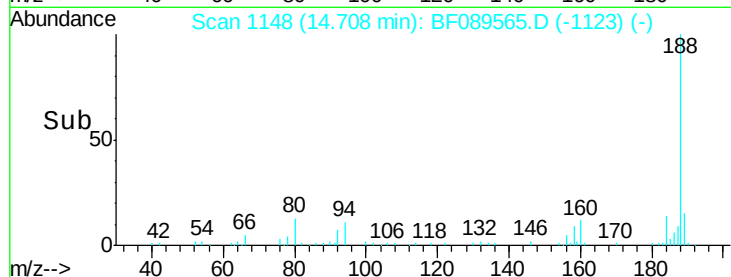
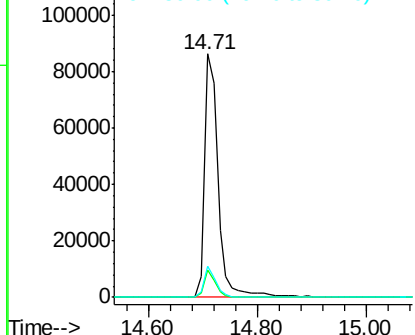
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.71 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF089565.D
 Acq: 3 Aug 2016 17:48

Instrument :
 BNA_F
 ClientSampled :

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#

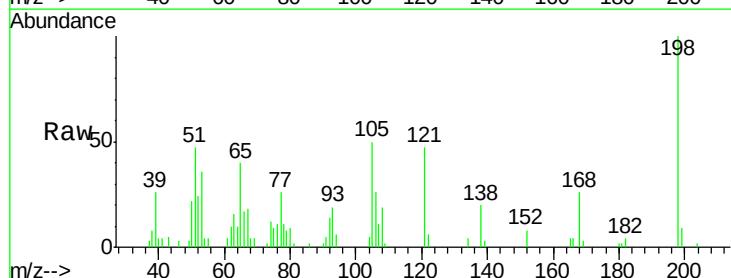


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

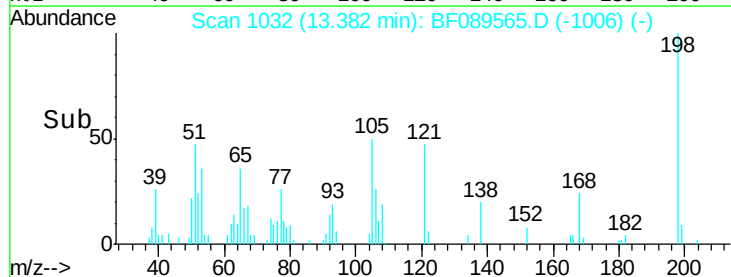
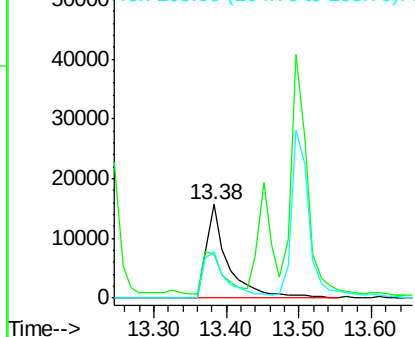


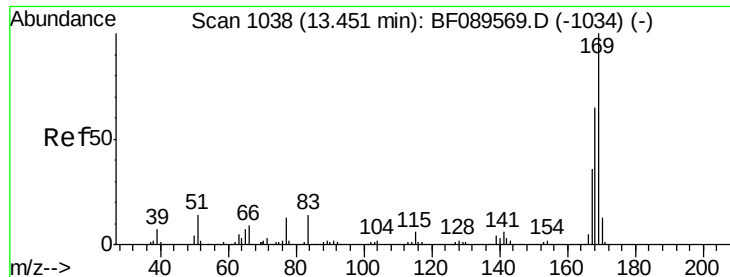
#64
 4,6-Dinitro-2-methylphenol
 Concen: 37.44 ng
 RT: 13.38 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BF089565.D
 Acq: 3 Aug 2016 17:48

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

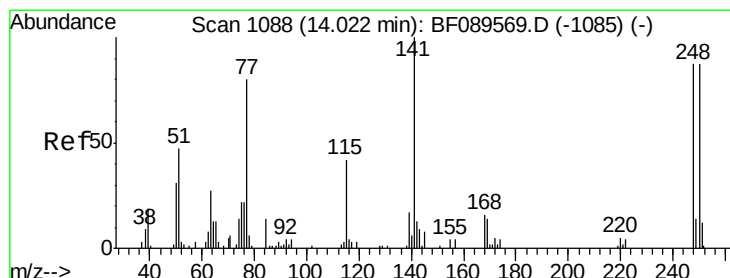
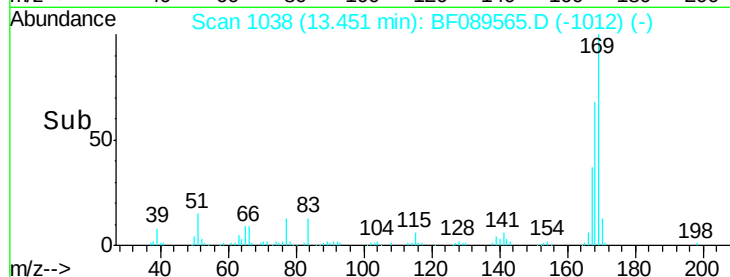
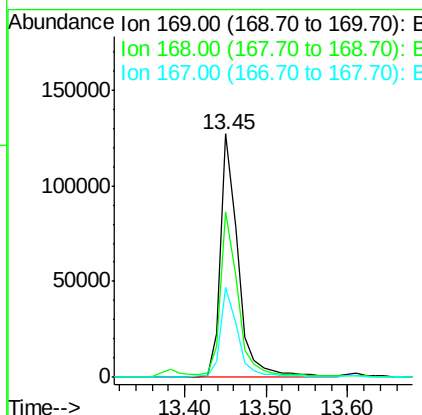
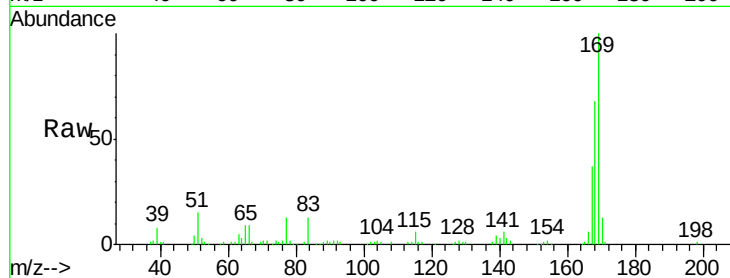




#65
 n-Nitrosodiphenylamine
 Concen: 37.32 ng
 RT: 13.45 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BF089565.D
 Acq: 3 Aug 2016 17:48

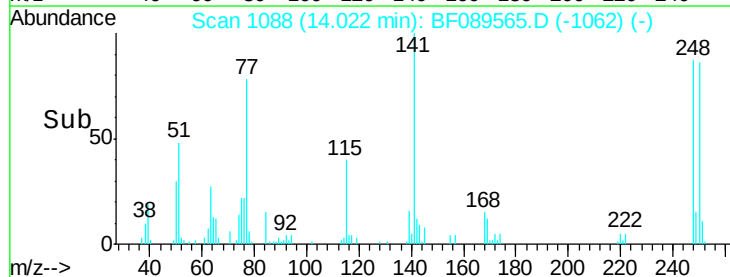
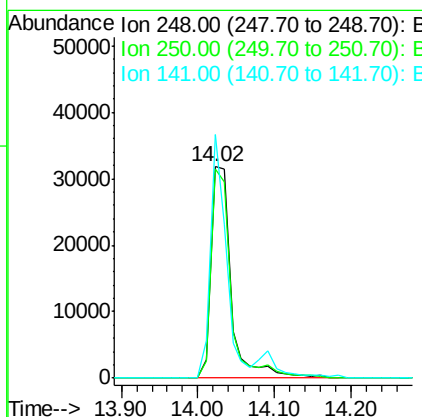
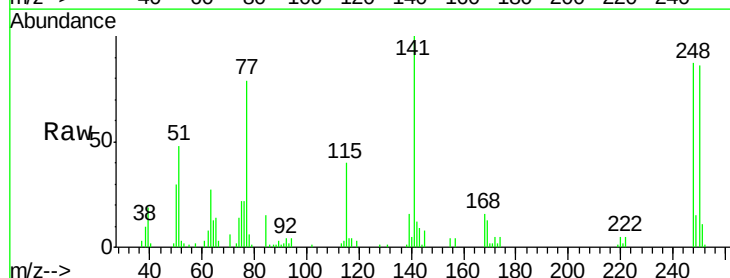
Instrument :
 BNA_F
 ClientSampleId :

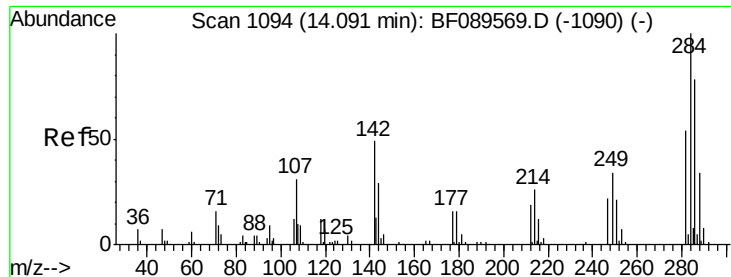
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.8	53.0	79.4
167	36.9	29.1	43.7



#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	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 :

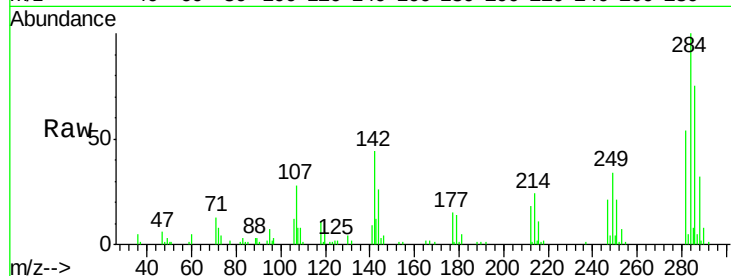
Tot Ion:284 Resp: 59276

Ion Ratio Lower Upper

284 100

142 43.9 40.2 60.4

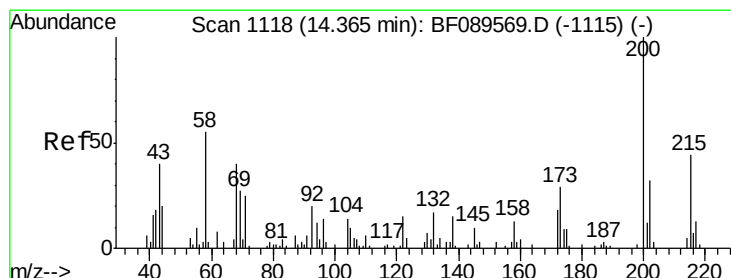
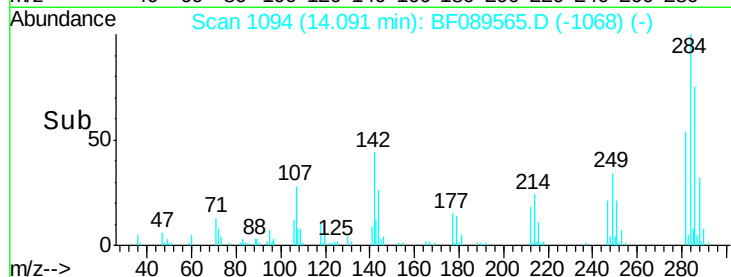
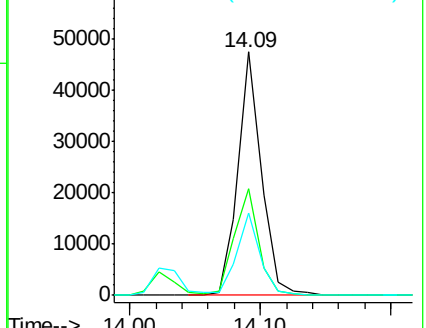
249 33.9 28.9 43.3



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 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

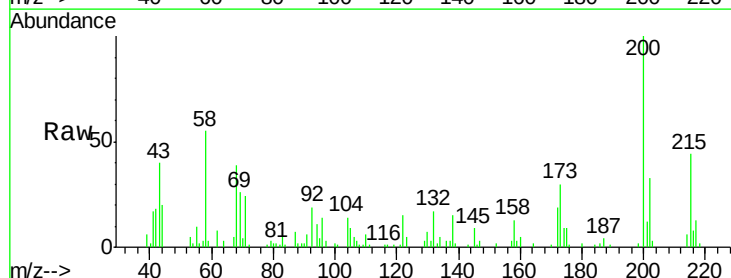
Tgt Ion:200 Resp: 51924

Ion Ratio Lower Upper

200 100

173 29.8 9.1 49.1

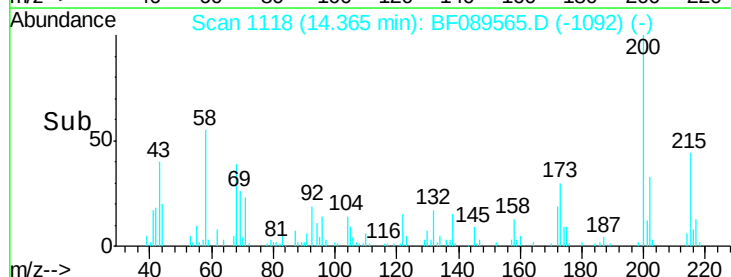
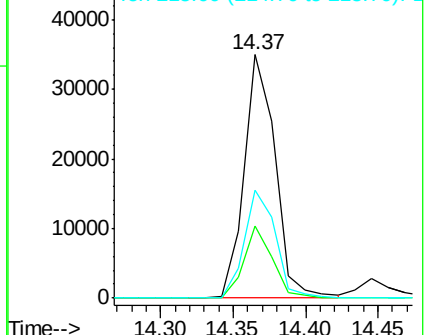
215 44.4 23.6 63.6

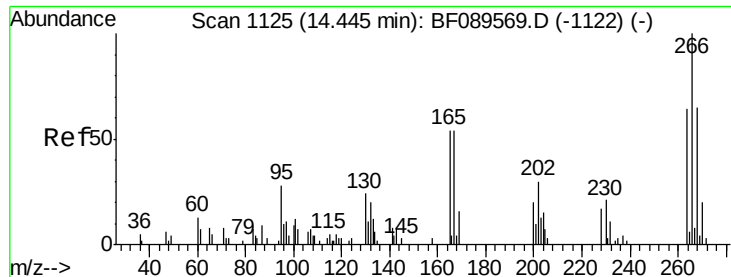


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

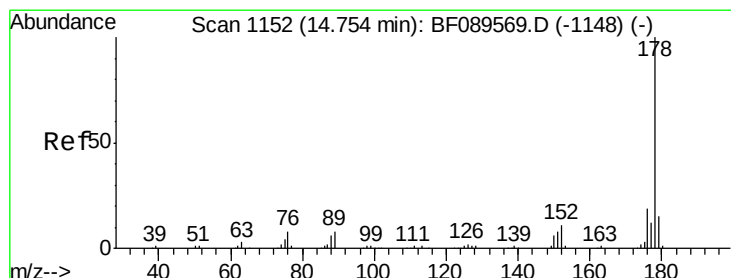
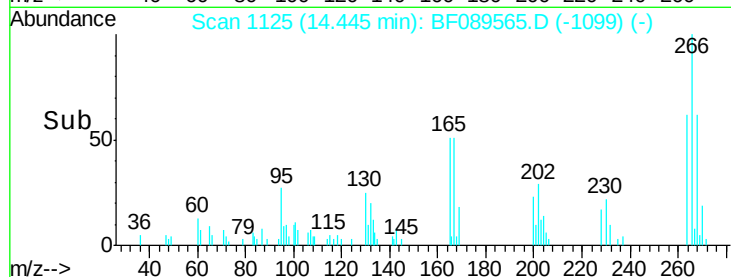
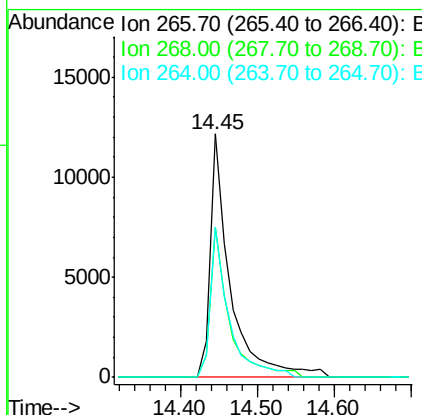
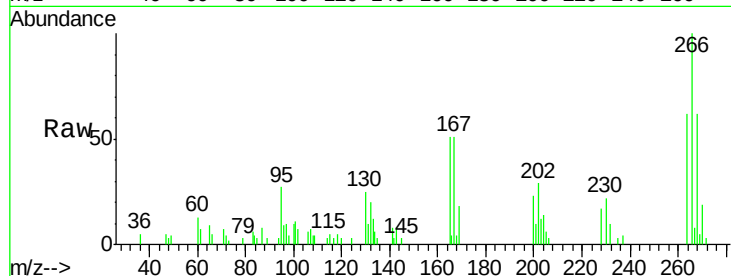




#69
 Pentachlorophenol
 Concen: 37.62 ng
 RT: 14.45 min Scan# 1125
 Delta R.T. -0.00 min
 Lab File: BF089565.D
 Acq: 3 Aug 2016 17:48

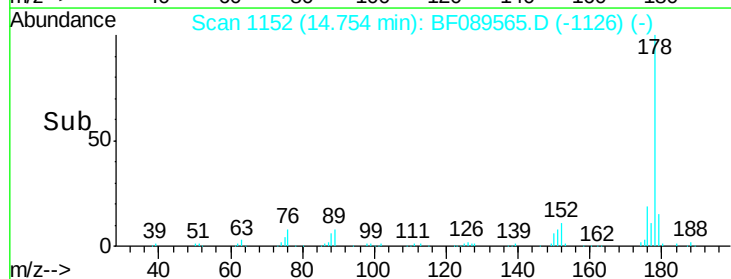
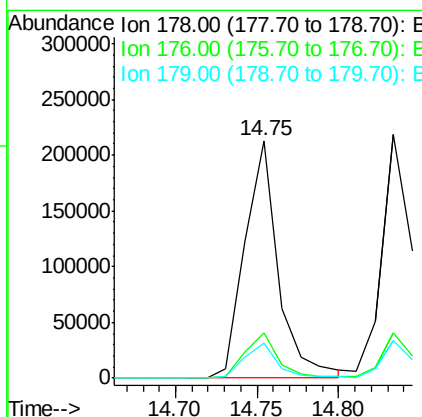
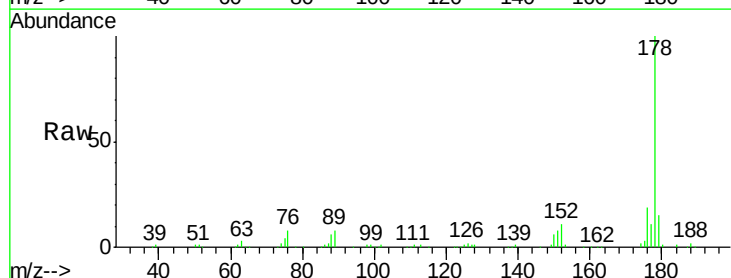
Instrument :
 BNA_F
 ClientSampleId :

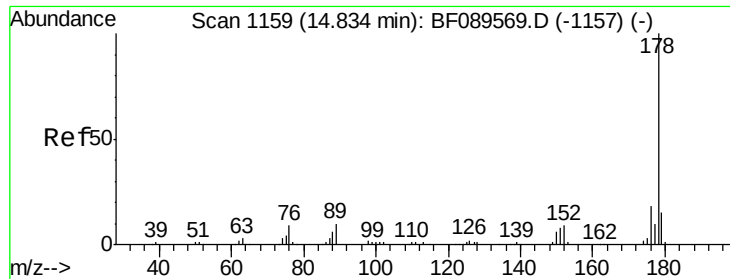
Tot Ion:266 Resp: 21805
 Ion Ratio Lower Upper
 266 100
 268 61.9 51.8 77.6
 264 61.9 51.2 76.8



#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

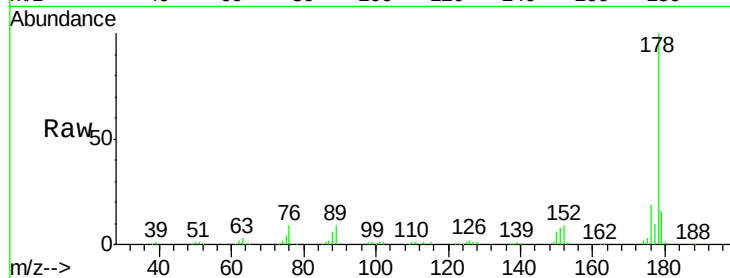




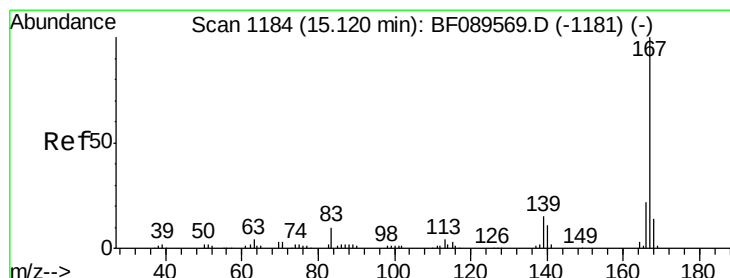
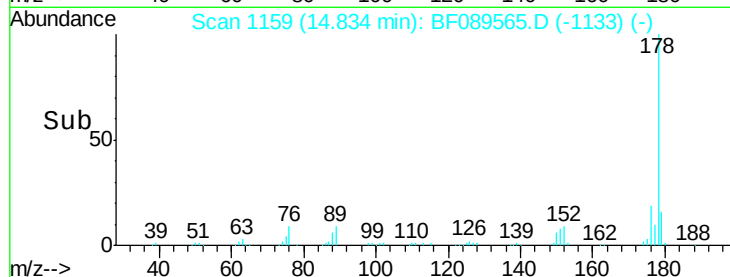
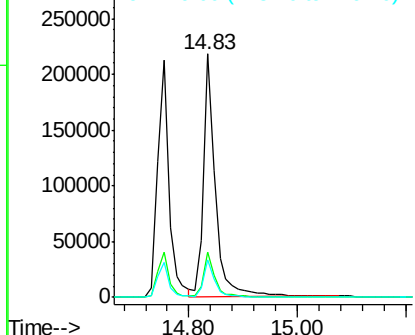
#71
 Anthracene
 Concen: 37.76 ng
 RT: 14.83 min Scan# 1159
 Delta R.T. -0.00 min
 Lab File: BF089565.D
 Acq: 3 Aug 2016 17:48

Instrument :
 BNA_F
 ClientSampled :

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

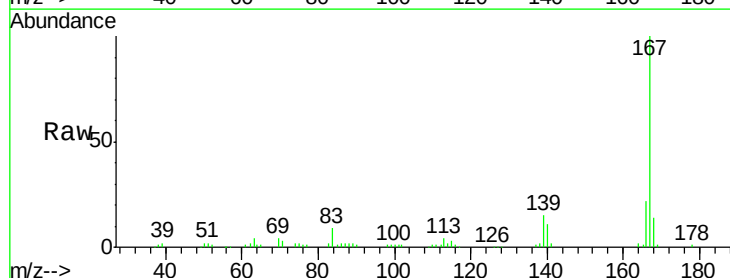


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

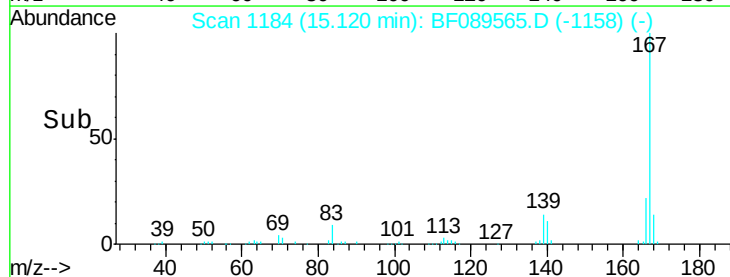
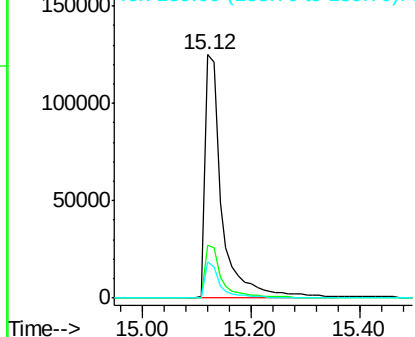


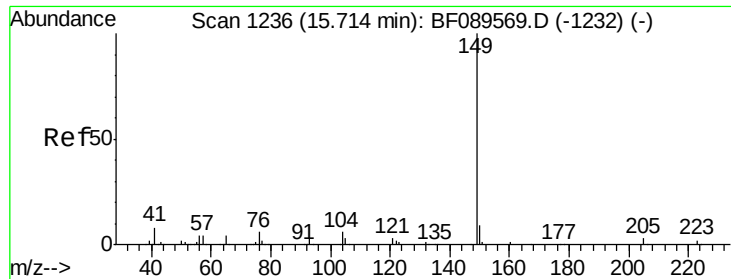
#72
 Carbazole
 Concen: 38.85 ng
 RT: 15.12 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: BF089565.D
 Acq: 3 Aug 2016 17:48

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 :

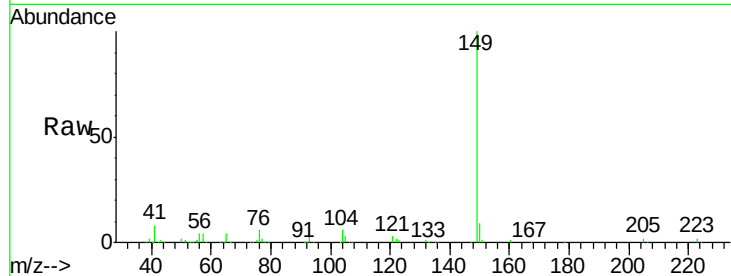
Tot Ion:149 Resp: 353682

Ion Ratio Lower Upper

149 100

150 8.9 7.4 11.0

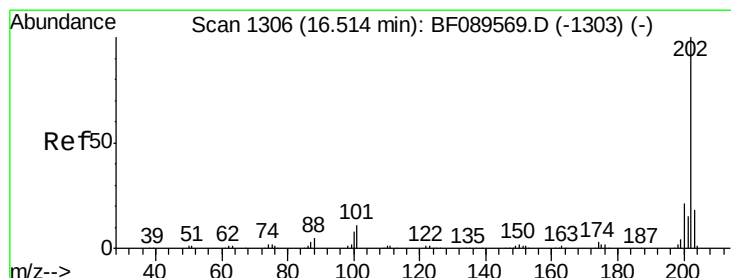
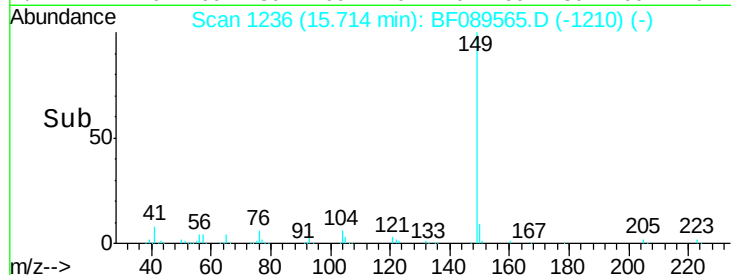
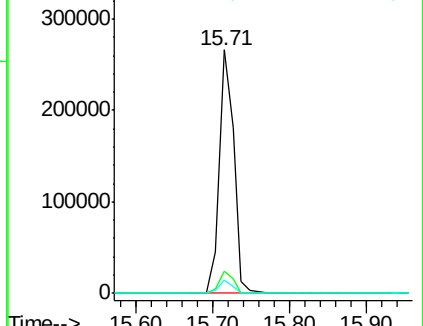
104 5.5 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 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

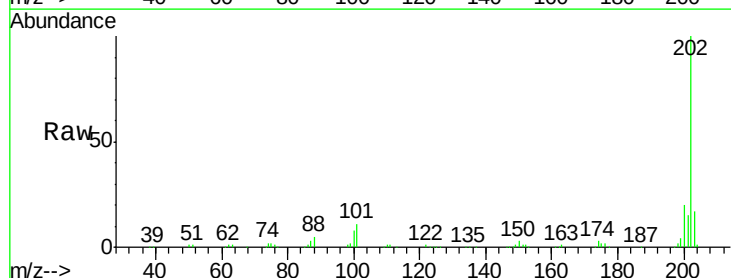
Tgt Ion:202 Resp: 305188

Ion Ratio Lower Upper

202 100

101 10.7 0.0 31.0

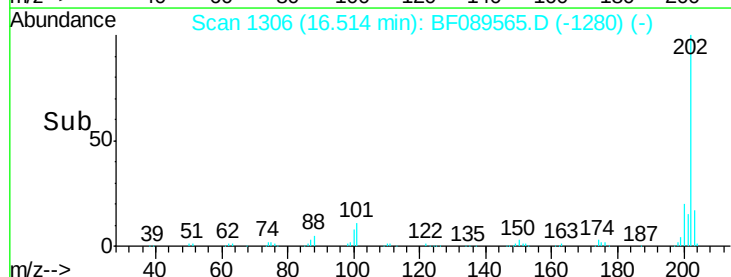
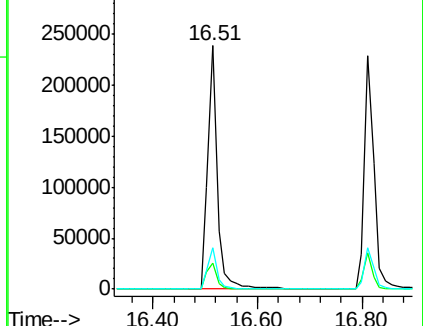
203 17.1 0.0 37.7

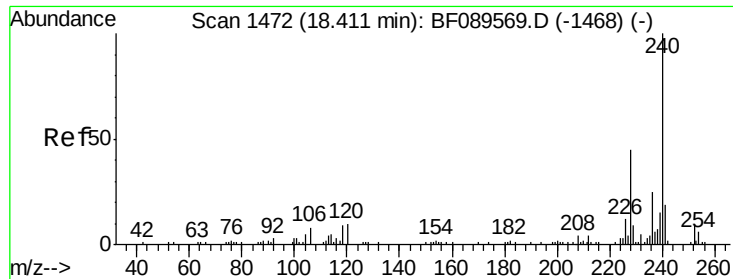


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

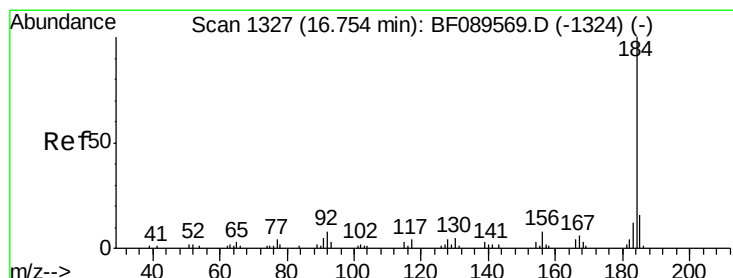
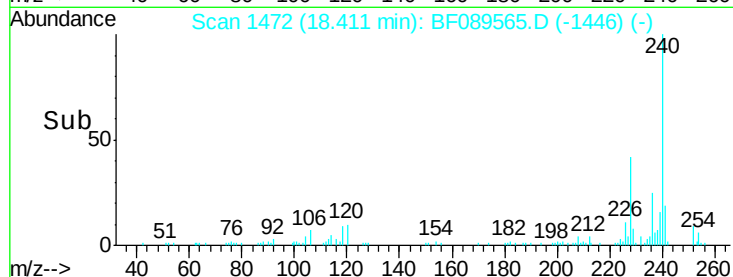
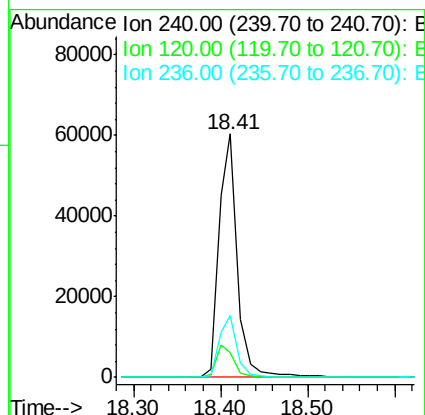
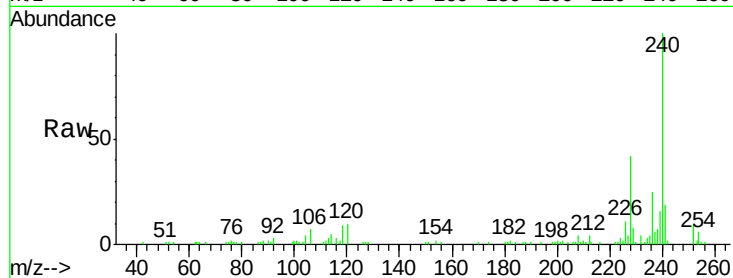




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.41 min Scan# 1472
 Delta R.T. -0.00 min
 Lab File: BF089565.D
 Acq: 3 Aug 2016 17:48

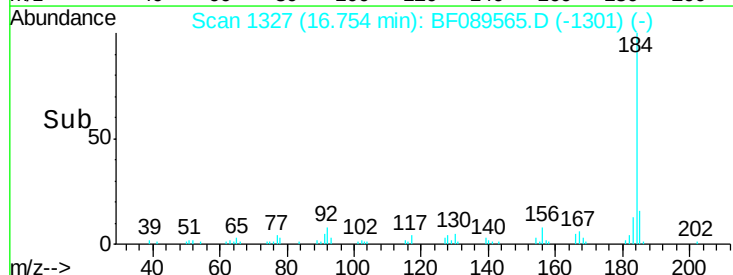
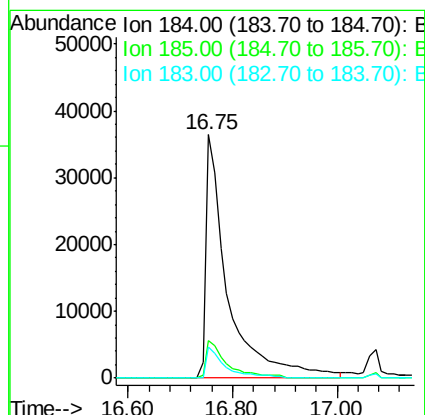
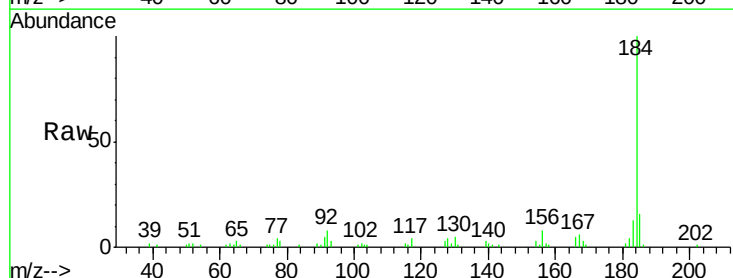
Instrument :
 BNA_F
 ClientSampleId :

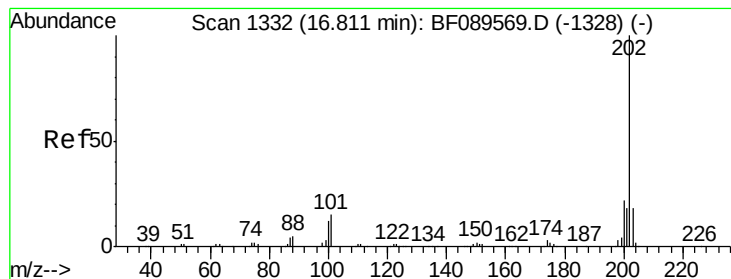
Tot Ion:240 Resp: 89171
 Ion Ratio Lower Upper
 240 100
 120 10.0 8.2 12.2
 236 25.3 20.3 30.5



#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





#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 :

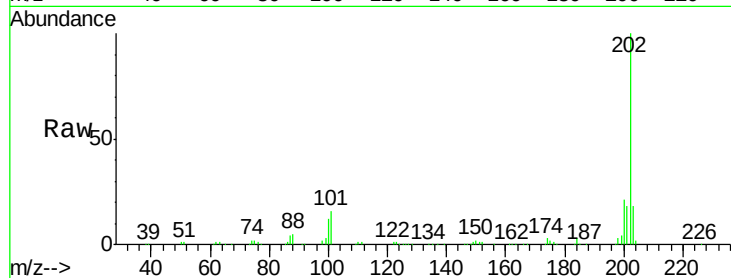
Tot Ion:202 Resp: 292684

Ion Ratio Lower Upper

202 100

200 21.1 17.2 25.8

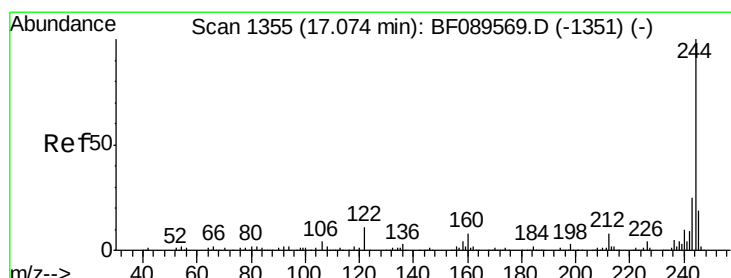
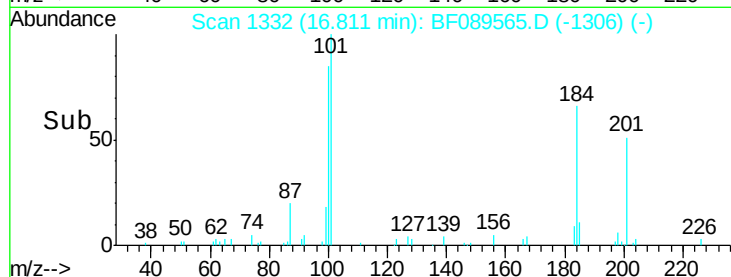
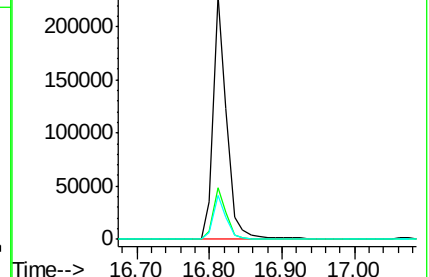
203 17.9 14.2 21.2



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

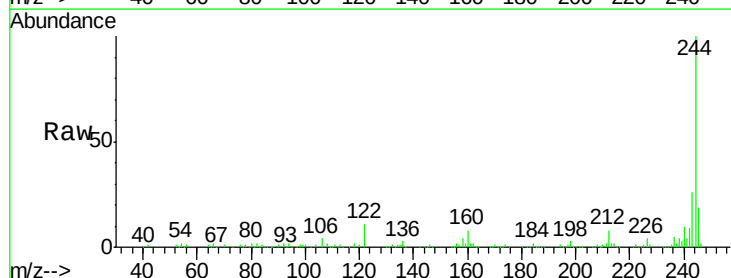
Tgt Ion:244 Resp: 337601

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.4

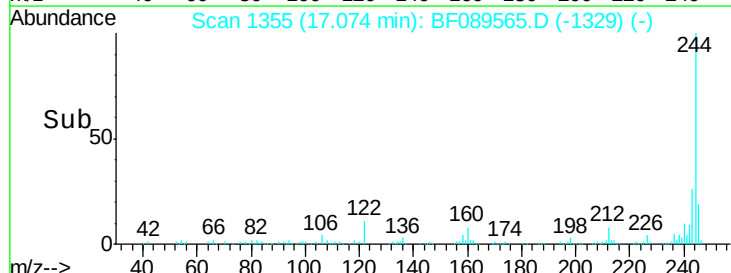
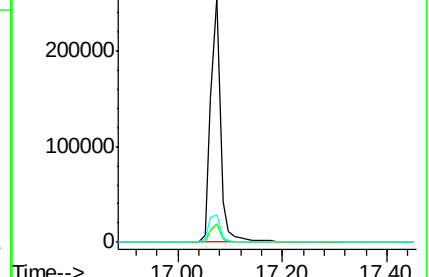
122 11.3 8.5 12.7

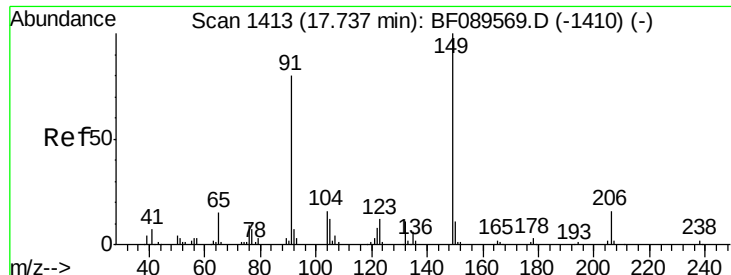


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

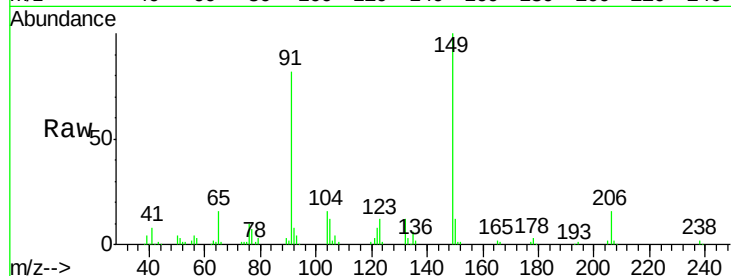




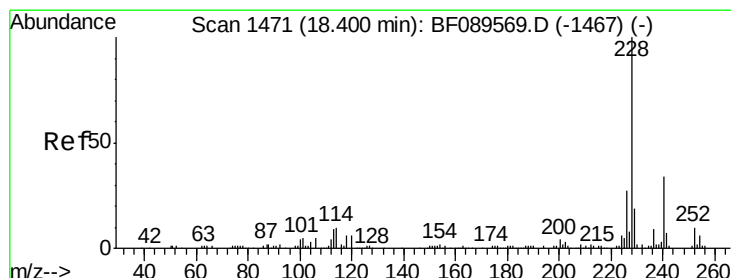
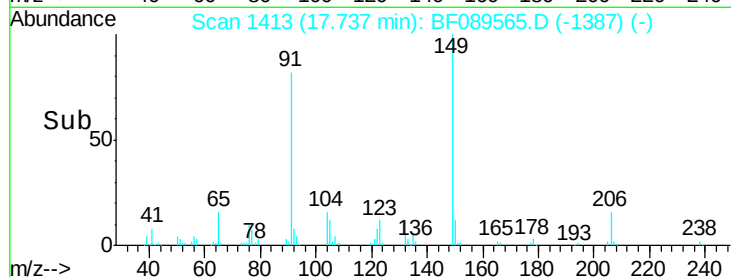
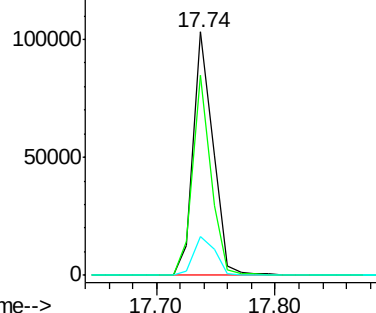
#79
Butylbenzylphthalate
Concen: 39.94 ng
RT: 17.74 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF089565.D
Acq: 3 Aug 2016 17:48

Instrument :
BNA_F
ClientSampled :

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

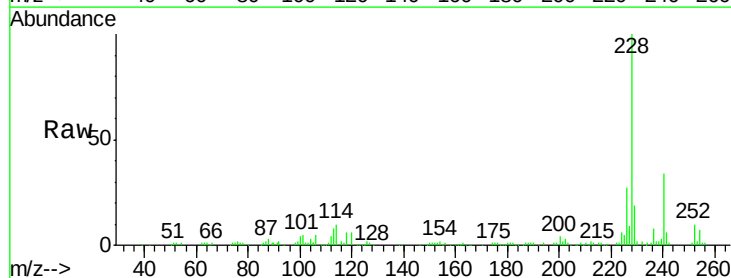


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

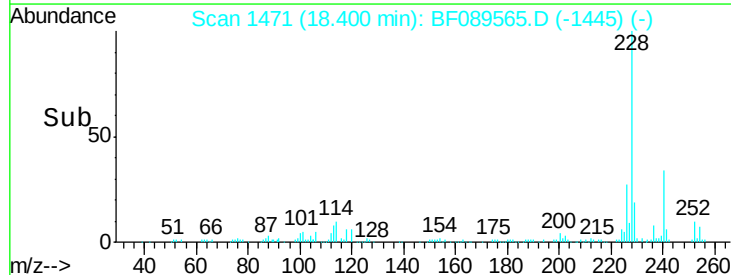
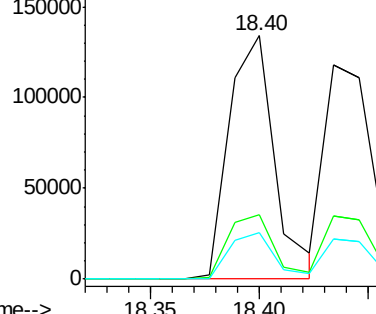


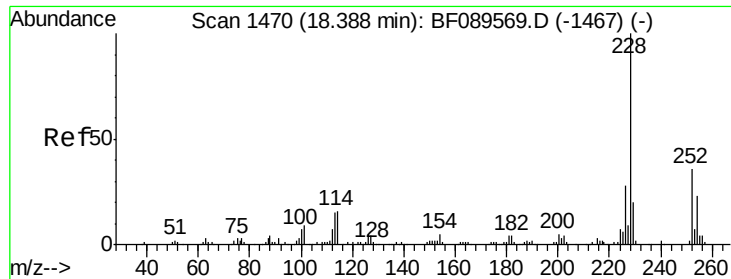
#80
Benzo(a)anthracene
Concen: 37.89 ng
RT: 18.40 min Scan# 1471
Delta R.T. -0.00 min
Lab File: BF089565.D
Acq: 3 Aug 2016 17:48

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



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

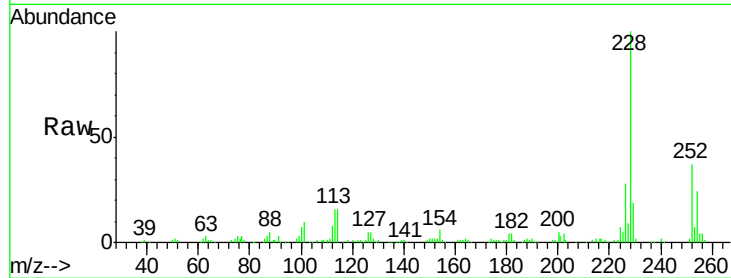




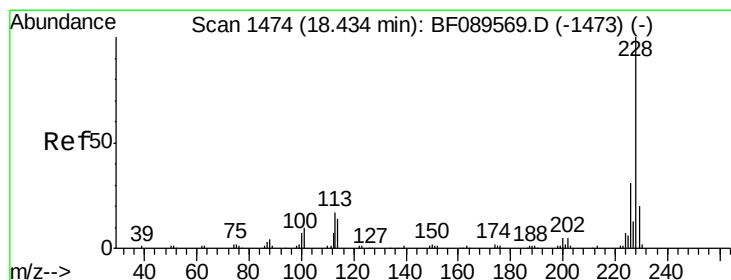
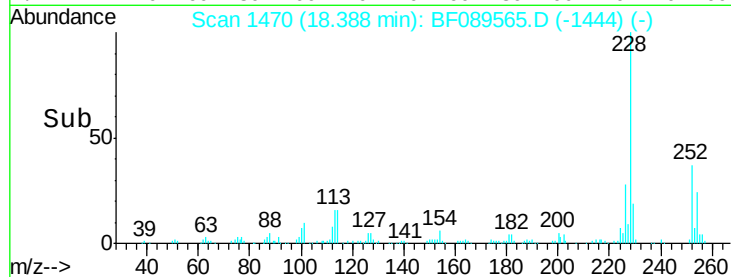
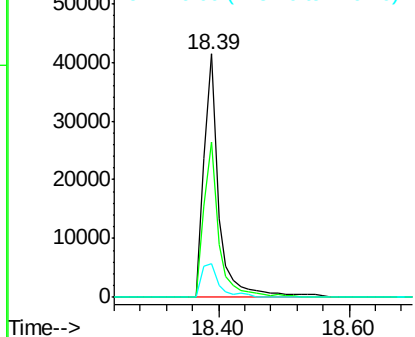
#81
 3,3'-Dichlorobenzidine
 Concen: 40.19 ng
 RT: 18.39 min Scan# 1470
 Delta R.T. -0.00 min
 Lab File: BF089565.D
 Acq: 3 Aug 2016 17:48

Instrument :
 BNA_F
 ClientSampleId :

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

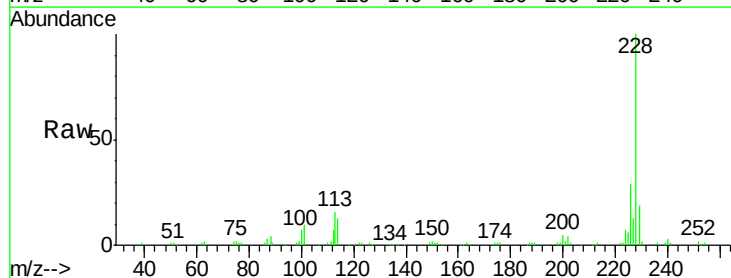


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

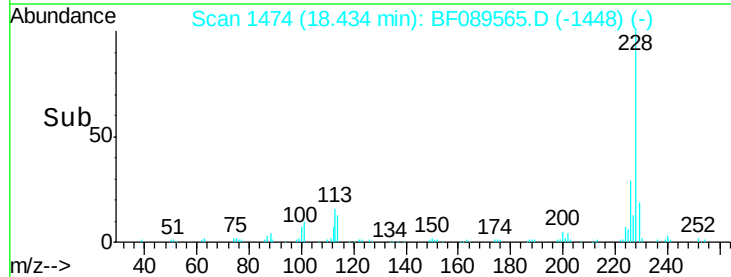
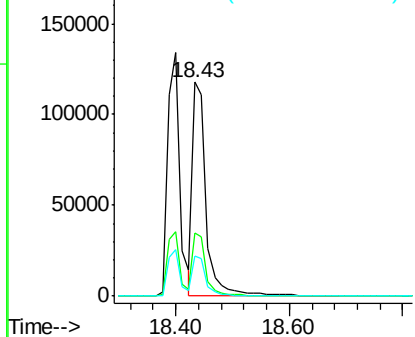


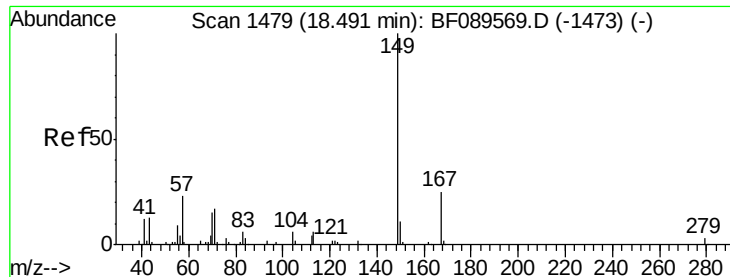
#82
 Chrysene
 Concen: 36.73 ng
 RT: 18.43 min Scan# 1474
 Delta R.T. -0.00 min
 Lab File: BF089565.D
 Acq: 3 Aug 2016 17:48

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



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 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 :

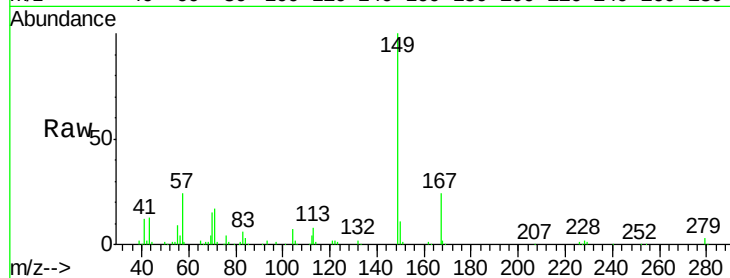
Tot Ion:149 Resp: 160918

Ion Ratio Lower Upper

149 100

167 24.3 19.7 29.5

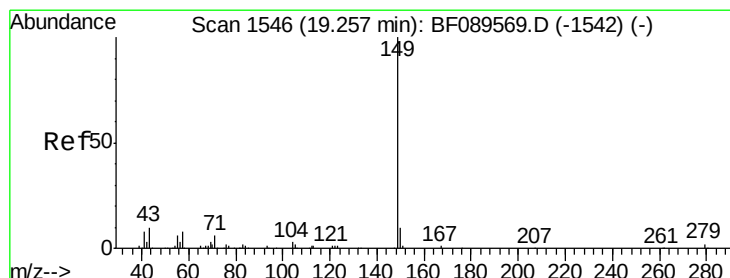
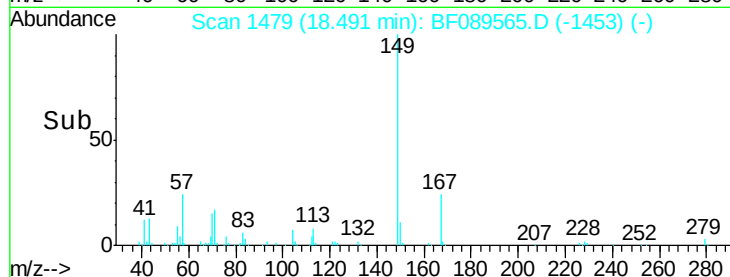
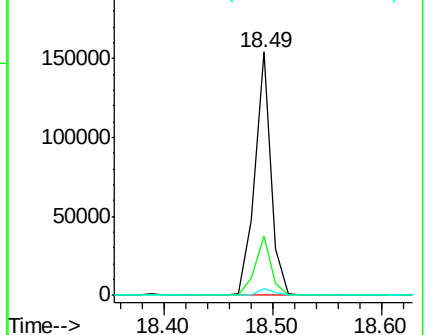
279 2.7 2.3 3.5



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

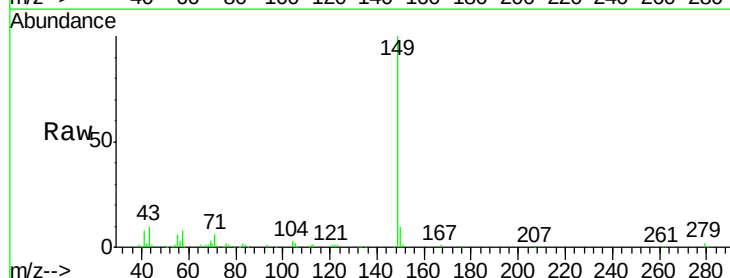
Tgt Ion:149 Resp: 233470

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

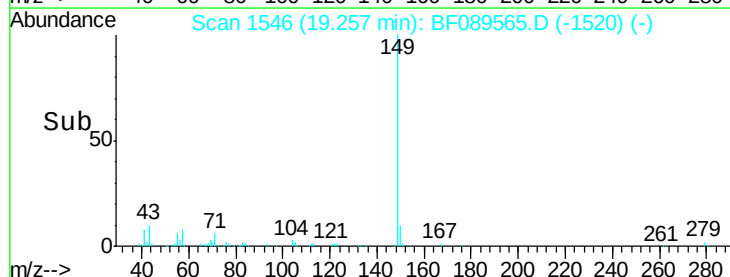
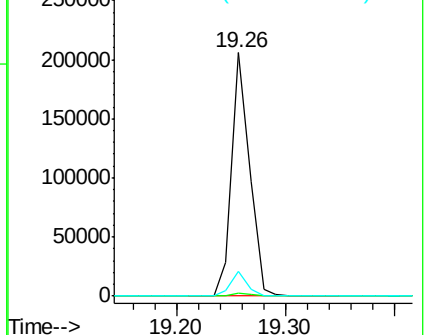
43 9.3 7.3 10.9

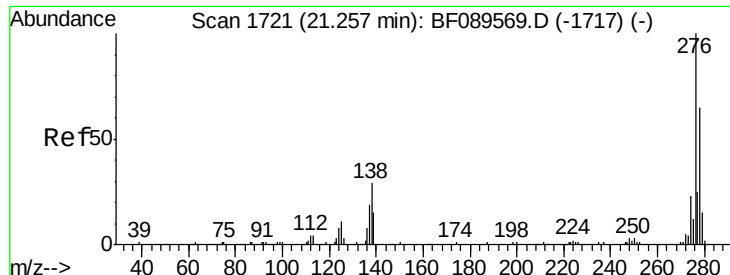


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

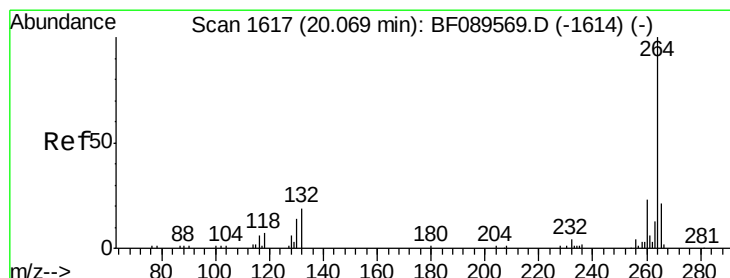
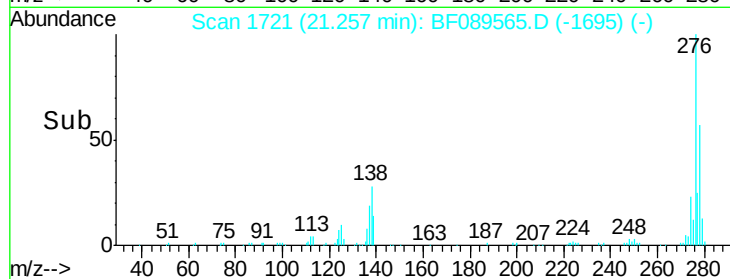
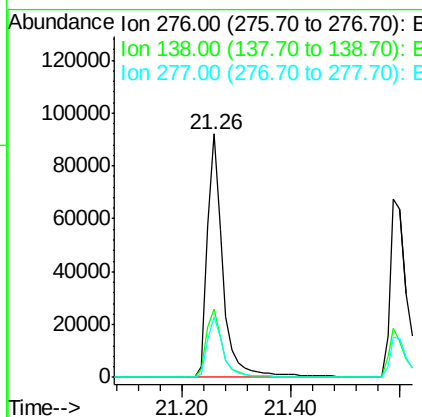
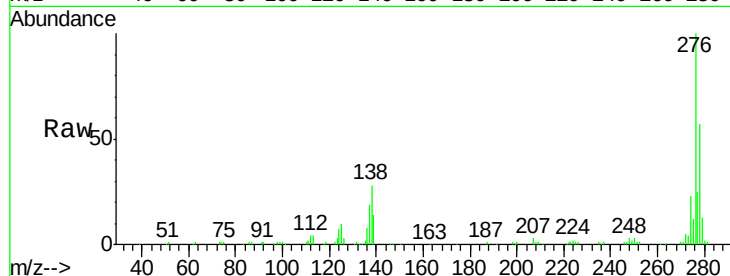




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.10 ng
 RT: 21.26 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: BF089565.D
 Acq: 3 Aug 2016 17:48

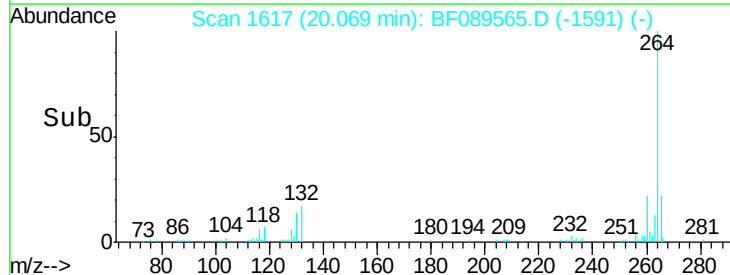
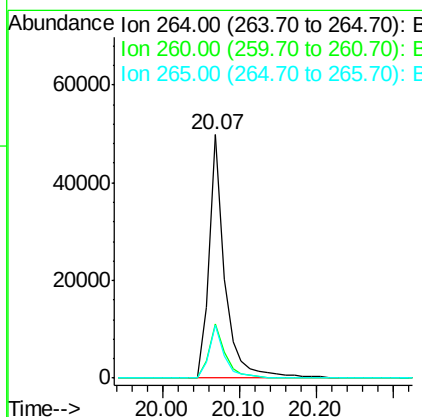
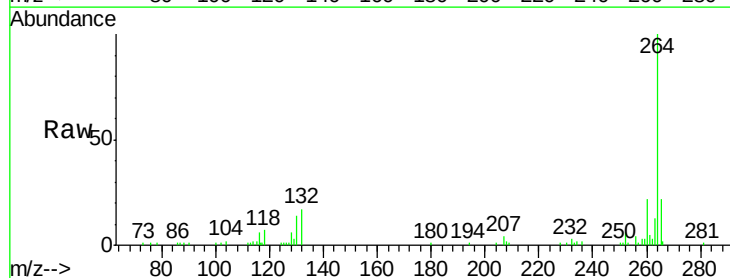
Instrument :
 BNA_F
 ClientSampleId :

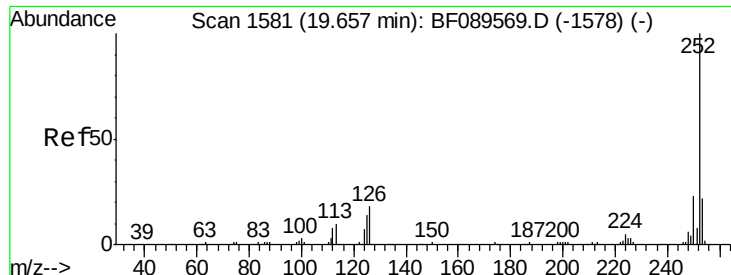
Tot Ion	Ratio	Lower	Upper
276	100		
138	29.6	23.5	35.3
277	25.5	20.5	30.7



#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

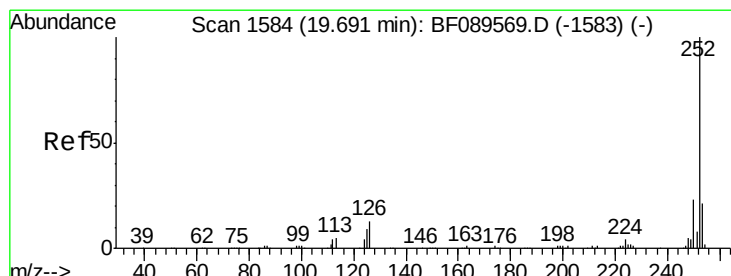
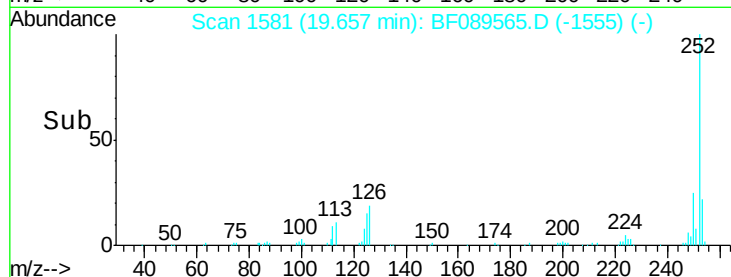
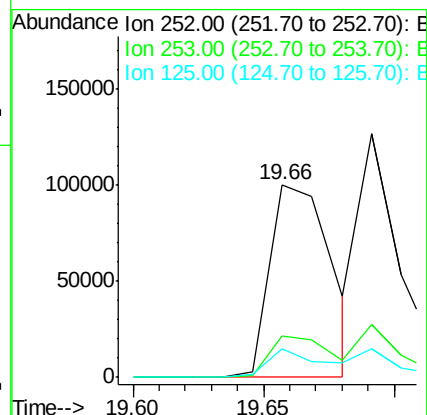
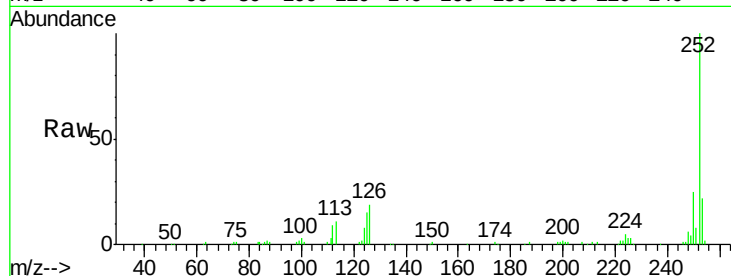




#87
Benzo(b)fluoranthene
Concen: 37.92 ng
RT: 19.66 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BF089565.D
Acq: 3 Aug 2016 17:48

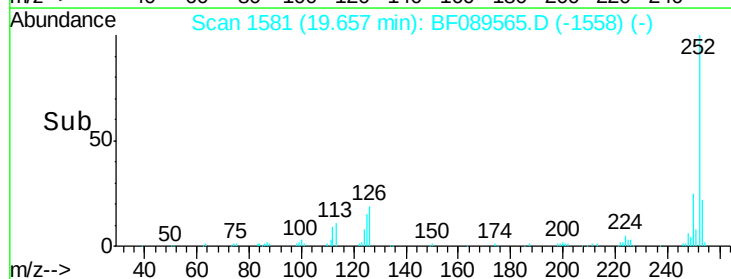
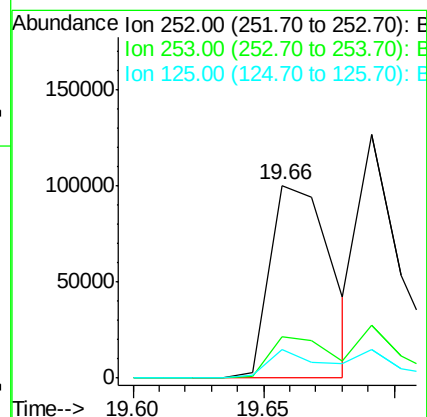
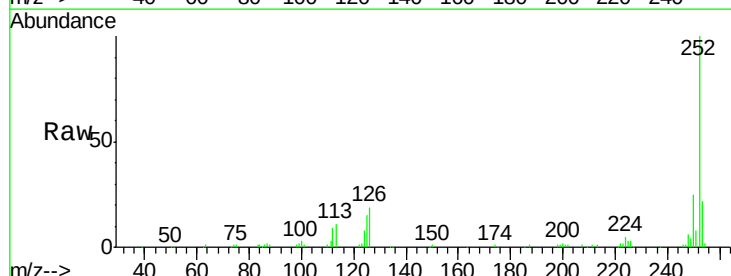
Instrument :
BNA_F
ClientSampleId :

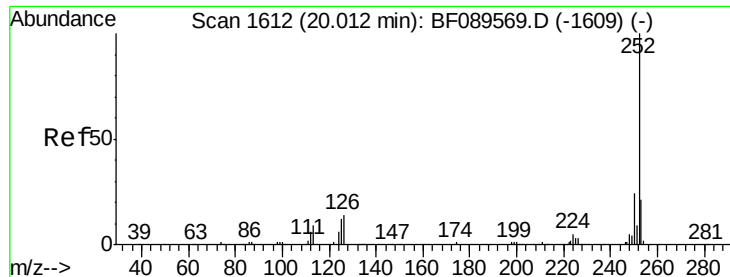
Tot Ion:252 Resp: 163835
Ion Ratio Lower Upper
252 100
253 21.6 17.6 26.4
125 14.5 11.0 16.4



#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 :

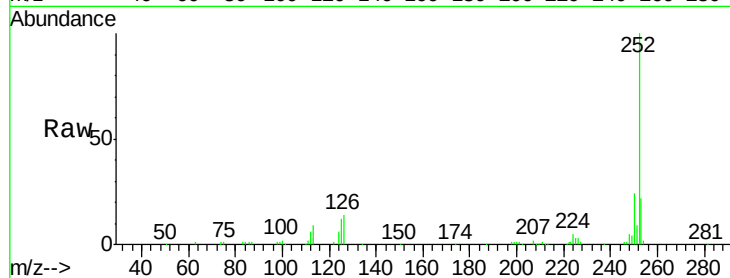
Tot Ion:252 Resp: 154298

Ion Ratio Lower Upper

252 100

253 21.6 16.6 24.8

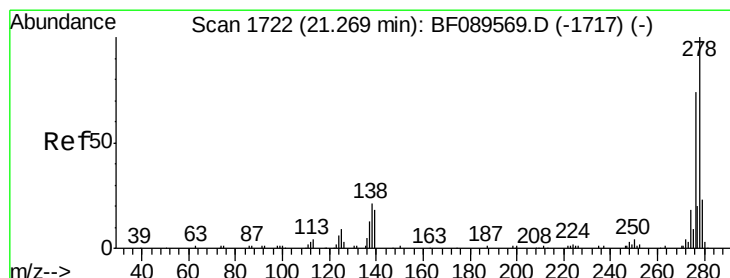
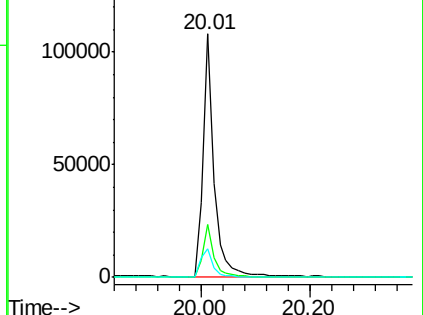
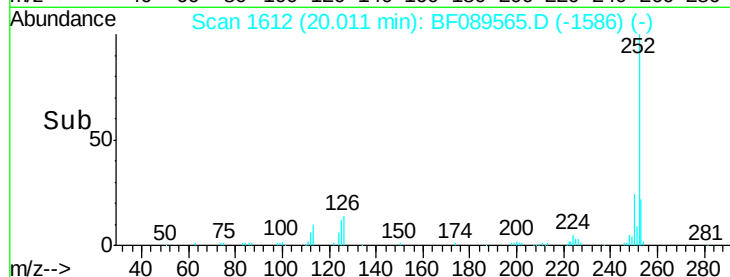
125 11.8 9.4 14.0



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

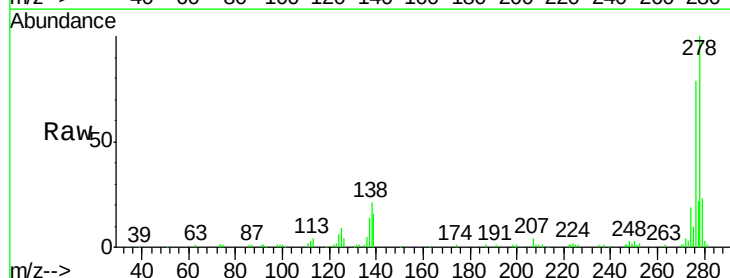
Tgt Ion:278 Resp: 151898

Ion Ratio Lower Upper

278 100

139 16.3 14.1 21.1

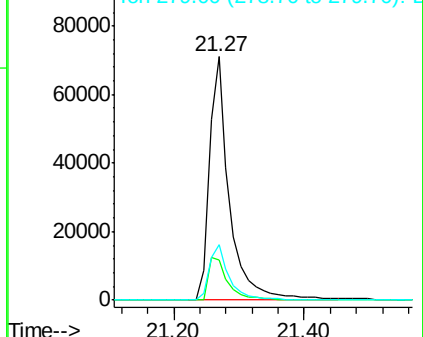
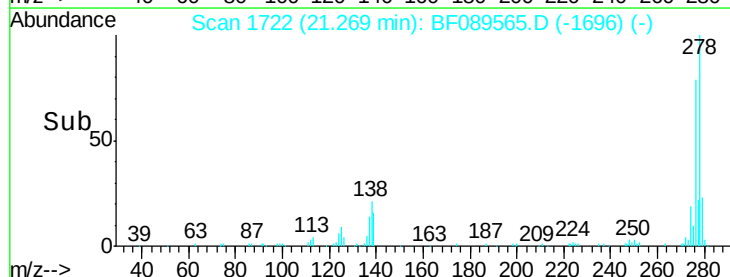
279 23.0 18.7 28.1

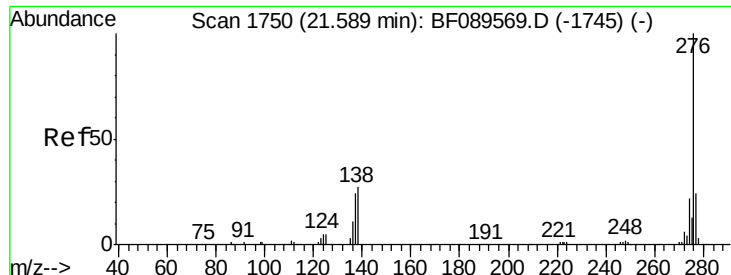


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

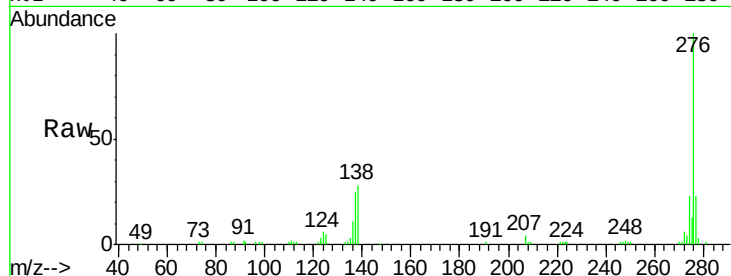




#91
 Benzo(a,h,i)perylene
 Concen: 39.68 ng
 RT: 21.59 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: BF089565.D
 Acq: 3 Aug 2016 17:48

Instrument :
 BNA_F
 ClientSampleId :

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



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

