

Data Path : V:\HPCHEM1\BNA F\DATA\BF080316\
 Data File : BF089569.D
 Acq On : 3 Aug 2016 20:28
 Operator : UM/SJ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 04 07:18:37 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	43021	20.00	ng	0.00
21) Naphthalene-d8	9.50	136	189031	20.00	ng	0.00
38) Acenaphthene-d10	12.32	164	86746	20.00	ng	0.00
63) Phenanthrene-d10	14.72	188	160844	20.00	ng	0.00
75) Chrysene-d12	18.41	240	89559	20.00	ng	0.00
86) Perylene-d12	20.07	264	74593	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	206449	79.50	ng	0.00
7) Phenol-d6	7.00	99	280471	81.03	ng	0.00
23) Nitrobenzene-d5	8.38	82	272631	79.79	ng	0.00
41) 2,4,6-Tribromophenol	13.61	330	57008	82.74	ng	0.00
44) 2-Fluorobiphenyl	11.28	172	522804	78.27	ng	0.00
78) Terphenyl-d14	17.07	244	370519	83.01	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.77	88	58000	39.41	ng	100
3) Pyridine	2.35	79	116148	39.92	ng	100
4) n-Nitrosodimethylamine	2.32	42	45090	38.75	ng	100
6) Aniline	6.96	93	187185	40.15	ng	100
8) 2-Chlorophenol	7.14	128	128477	41.34	ng	100
9) Benzaldehyde	6.78	77	57393	46.54	ng	100
10) Phenol	7.03	94	151344	42.22	ng	100
11) bis(2-Chloroethyl)ether	7.11	93	124291	39.45	ng	100
12) 1,3-Dichlorobenzene	7.37	146	134842	39.56	ng	100
13) 1,4-Dichlorobenzene	7.50	146	131382	38.60	ng	100
14) 1,2-Dichlorobenzene	7.72	146	139357	39.45	ng	100
15) Benzyl Alcohol	7.76	79	96210	42.55	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.95	45	153476	39.50	ng	100
17) 2-Methylphenol	7.96	107	91033	40.03	ng	100
18) Hexachloroethane	8.25	117	55750	39.00	ng	100
19) n-Nitroso-di-n-propylamine	8.18	70	99777	77.02	ng	100
20) 3+4-Methylphenols	8.23	107	119294	40.07	ng	100
22) Acetophenone	8.15	105	167741	37.38	ng	100
24) Nitrobenzene	8.41	77	137765	38.77	ng	100
25) Isophorone	8.81	82	246689	38.02	ng	100
26) 2-Nitrophenol	8.91	139	58080	39.21	ng	100
27) 2,4-Dimethylphenol	9.05	122	108097	40.73	ng	100
28) bis(2-Chloroethoxy)methane	9.19	93	157911	40.63	ng	100
29) 2,4-Dichlorophenol	9.32	162	97424	39.02	ng	100
30) 1,2,4-Trichlorobenzene	9.43	180	113531	39.78	ng	100
31) Naphthalene	9.53	128	390893	38.89	ng	100
32) Benzoic acid	9.38	122	70102	39.76	ng	100
33) 4-Chloroaniline	9.67	127	151528	39.03	ng	100
34) Hexachlorobutadiene	9.75	225	63009	38.06	ng	100
35) Caprolactam	10.31	113	29784	40.55	ng	100
36) 4-Chloro-3-methylphenol	10.52	107	120588	41.21	ng	100
37) 2-Methylnaphthalene	10.65	142	238700	38.85	ng	100
39) 1,2,4,5-Tetrachlorobenzene	10.94	216	130521	39.93	ng	100
40) Hexachlorocyclopentadiene	10.91	237	45600	42.68	ng	100

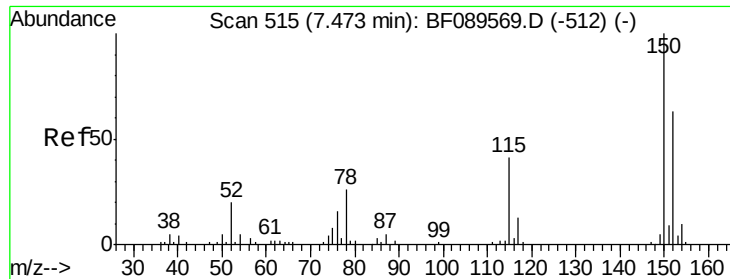
Data Path : V:\HPCHEM1\BNA F\DATA\BF080316\
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Quant Time: Aug 04 07:18:37 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 04 07:15:27 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.14	196	64931	40.63	ng	100
43) 2,4,5-Trichlorophenol	11.22	196	68894	40.32	ng	100
45) 1,1'-Biphenyl	11.43	154	310602	39.65	ng	100
46) 2-Chloronaphthalene	11.44	162	236117	40.23	ng	100
47) 2-Nitroaniline	11.64	65	74472	40.00	ng	100
48) Acenaphthylene	12.09	152	379077	39.17	ng	100
49) Dimethylphthalate	11.98	163	256831	38.65	ng	100
50) 2,6-Dinitrotoluene	12.07	165	54883	41.27	ng	100
51) Acenaphthene	12.38	154	217951	38.85	ng	100
52) 3-Nitroaniline	12.33	138	62623	39.95	ng	100
53) 2,4-Dinitrophenol	12.54	184	18392	39.30	ng	100
54) Dibenzofuran	12.66	168	301622	39.51	ng	100
55) 4-Nitrophenol	12.66	139	115232	134.15	ng	# 15
56) 2,4-Dinitrotoluene	12.72	165	70148	39.25	ng	100
57) Fluorene	13.21	166	253231	38.99	ng	100
58) 2,3,4,6-Tetrachlorophenol	12.89	232	48462	40.17	ng	100
59) Diethylphthalate	13.12	149	255317	37.92	ng	100
60) 4-Chlorophenyl-phenylether	13.25	204	116943	40.07	ng	100
61) 4-Nitroaniline	13.33	138	54783	39.88	ng	100
62) Azobenzene	13.50	77	268431	38.87	ng	100
64) 4,6-Dinitro-2-methylphenol	13.38	198	35505	37.94	ng	100
65) n-Nitrosodiphenylamine	13.45	169	213860	39.02	ng	100
66) 4-Bromophenyl-phenylether	14.02	248	63152	40.19	ng	100
67) Hexachlorobenzene	14.09	284	63849	37.57	ng	100
68) Atrazine	14.37	200	56539	39.87	ng	100
69) Pentachlorophenol	14.45	266	27892	44.02	ng	100
70) Phenanthrene	14.75	178	332156	38.66	ng	100
71) Anthracene	14.83	178	353779	37.66	ng	100
72) Carbazole	15.12	167	296964	39.08	ng	100
73) Di-n-butylphthalate	15.71	149	367625	37.83	ng	100
74) Fluoranthene	16.51	202	329764	37.92	ng	100
76) Benzidine	16.75	184	103804	42.50	ng	100
77) Pyrene	16.81	202	316157	39.71	ng	100
79) Butylbenzylphthalate	17.74	149	120970	40.49	ng	100
80) Benzo(a)anthracene	18.40	228	206146	39.50	ng	100
81) 3,3'-Dichlorobenzidine	18.39	252	67575	41.32	ng	100
82) Chrysene	18.43	228	203635	37.84	ng	100
83) Bis(2-ethylhexyl)phthalate	18.49	149	164860	40.94	ng	100
84) Di-n-octyl phthalate	19.26	149	240014	39.32	ng	100
85) Indeno(1,2,3-cd)pyrene	21.26	276	194185	41.72	ng	100
87) Benzo(b)fluoranthene	19.66	252	177122	38.87	ng	100
88) Benzo(k)fluoranthene	19.66	252	177122	39.46	ng	97
89) Benzo(a)pyrene	20.01	252	162572	38.47	ng	100
90) Dibenzo(a,h)anthracene	21.27	278	167666	41.92	ng	100
91) Benzo(g,h,i)perylene	21.59	276	174642	41.67	ng	100

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

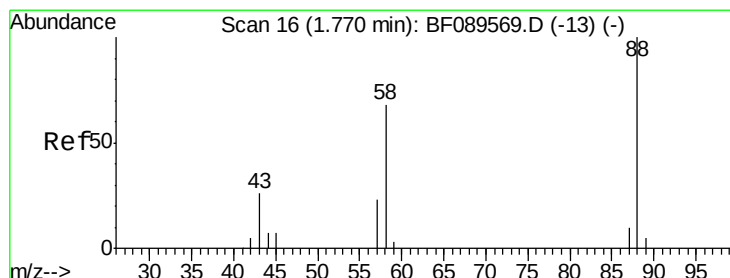
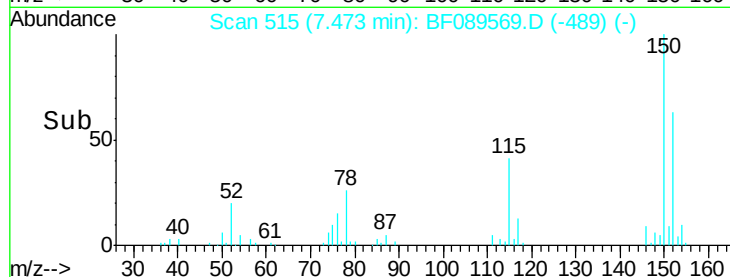
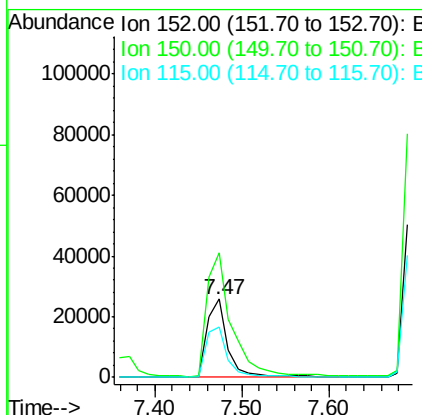
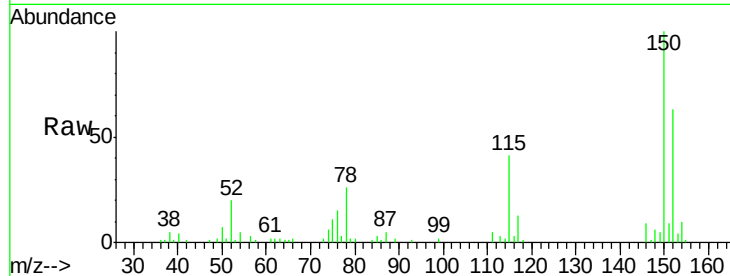


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.47 min Scan# 515
Delta R.T. 0.00 min
Lab File: BF089569.D
Acq: 3 Aug 2016 20:28

Instrument :
BNA_F
ClientSampleId :

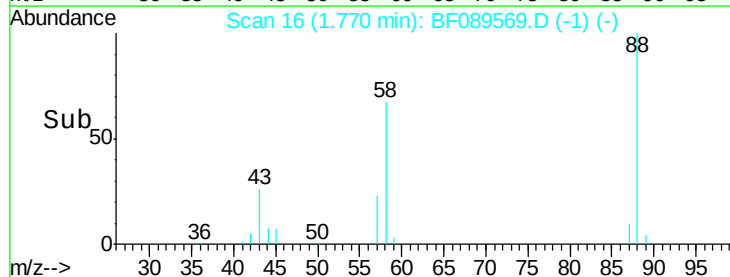
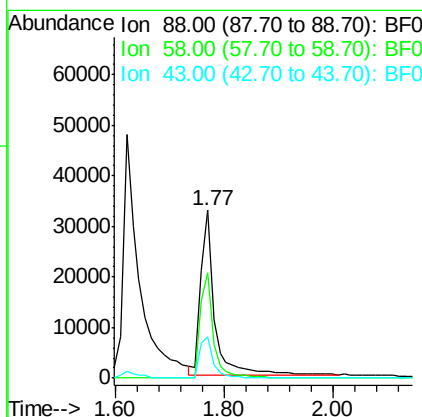
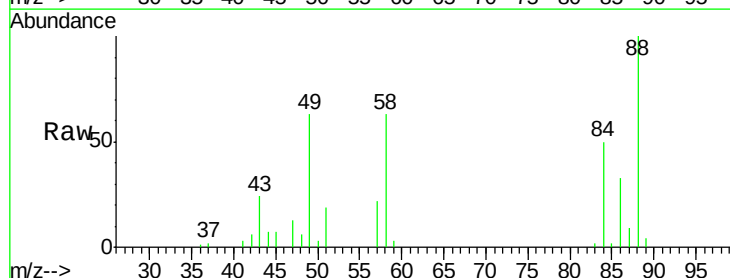
Tot Ion:152 Resp: 43021
Ion Ratio Lower Upper
152 100
150 159.3 127.4 191.2
115 64.8 51.8 77.8

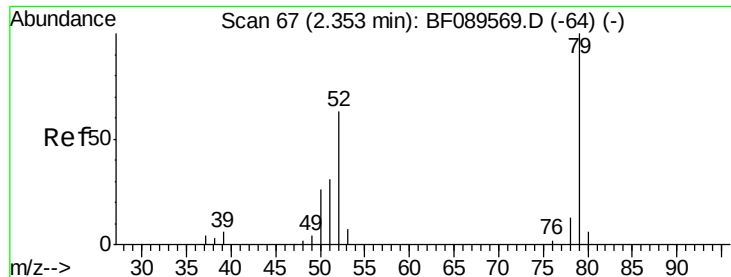


#2

1,4-Dioxane
Concen: 39.41 ng
RT: 1.77 min Scan# 16
Delta R.T. 0.00 min
Lab File: BF089569.D
Acq: 3 Aug 2016 20:28

Tgt Ion: 88 Resp: 58000
Ion Ratio Lower Upper
88 100
58 58.7 47.0 70.4
43 23.6 18.9 28.3

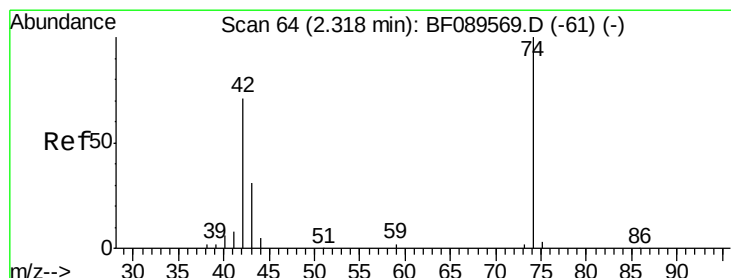
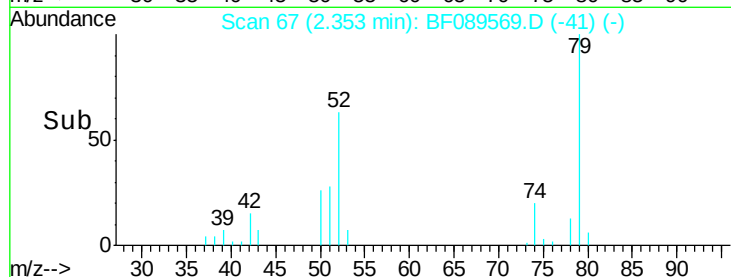
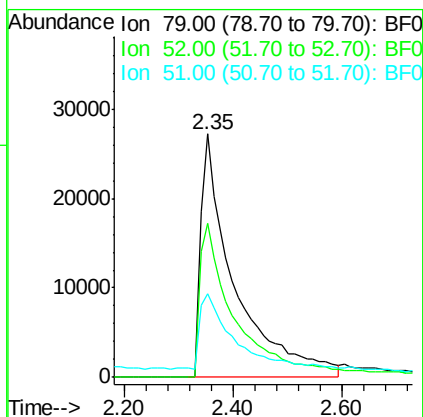
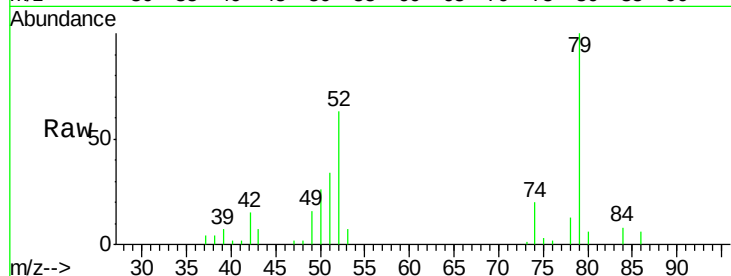




#3
 Pvridine
 Concen: 39.92 ng
 RT: 2.35 min Scan# 67
 Delta R.T. 0.00 min
 Lab File: BF089569.D
 Acq: 3 Aug 2016 20:28

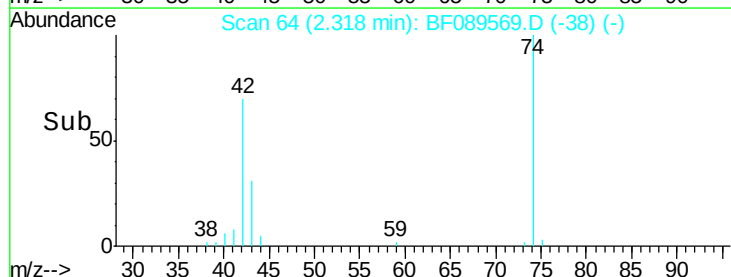
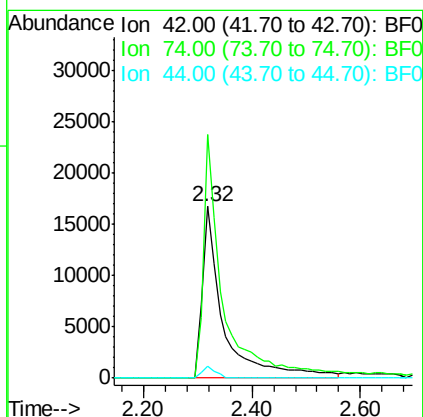
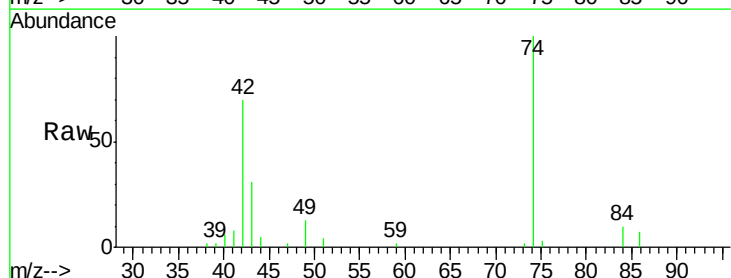
Instrument :
 BNA_F
 ClientSampleId :

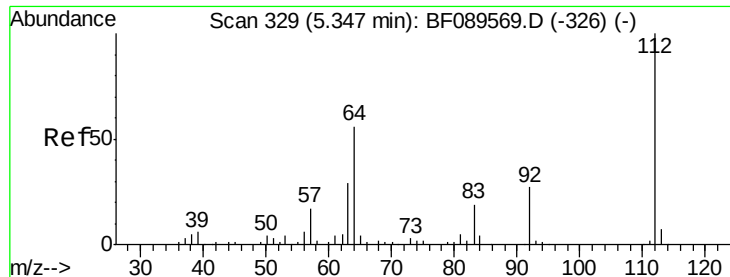
Tot Ion: 79 Resp: 116148
 Ion Ratio Lower Upper
 79 100
 52 63.3 50.6 76.0
 51 34.5 27.6 41.4



#4
 n-Nitrosodimethylamine
 Concen: 38.75 ng
 RT: 2.32 min Scan# 64
 Delta R.T. 0.00 min
 Lab File: BF089569.D
 Acq: 3 Aug 2016 20:28

Tgt Ion: 42 Resp: 45090
 Ion Ratio Lower Upper
 42 100
 74 141.9 113.5 170.3
 44 6.9 5.5 8.3





#5

2-Fluorophenol

Concen: 79.50 ng

RT: 5.35 min Scan# 329

Delta R.T. 0.00 min

Lab File: BF089569.D

Acq: 3 Aug 2016 20:28

Instrument :

BNA_F

ClientSampled :

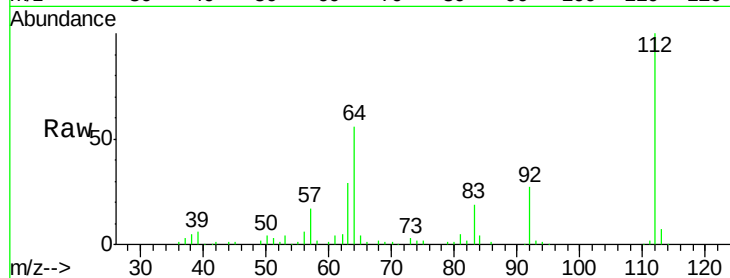
Tot Ion: 112 Resp: 206449

Ion Ratio Lower Upper

112 100

64 56.5 45.2 67.8

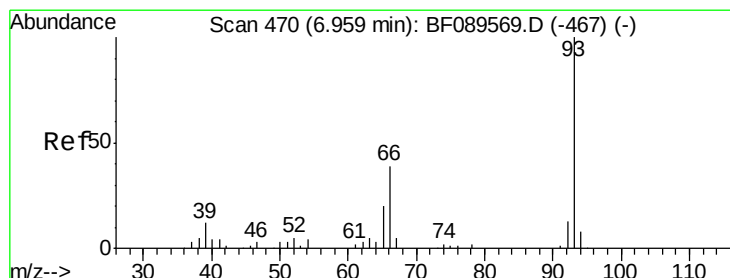
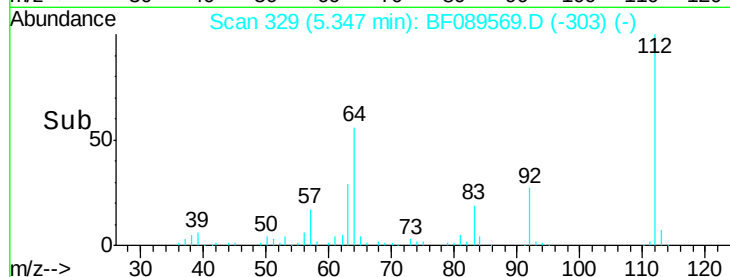
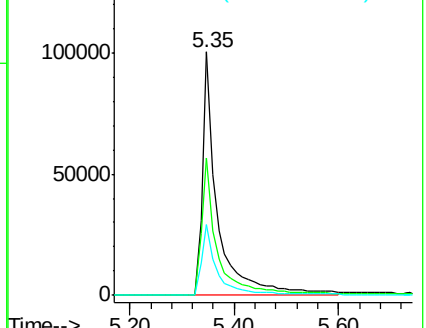
63 28.9 23.1 34.7



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: 40.15 ng

RT: 6.96 min Scan# 470

Delta R.T. 0.00 min

Lab File: BF089569.D

Acq: 3 Aug 2016 20:28

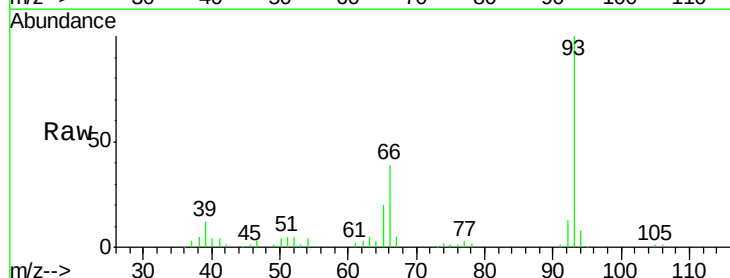
Tgt Ion: 93 Resp: 187185

Ion Ratio Lower Upper

93 100

66 38.9 31.1 46.7

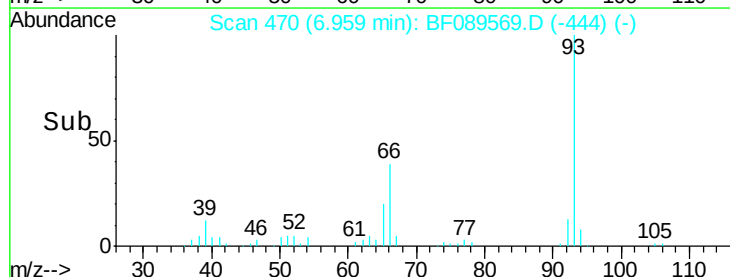
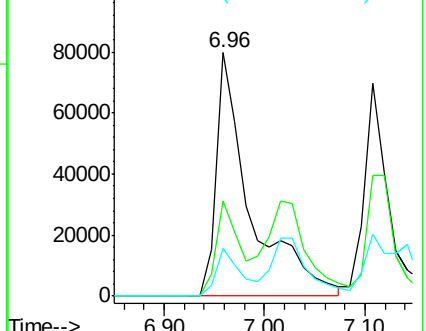
65 19.6 15.7 23.5

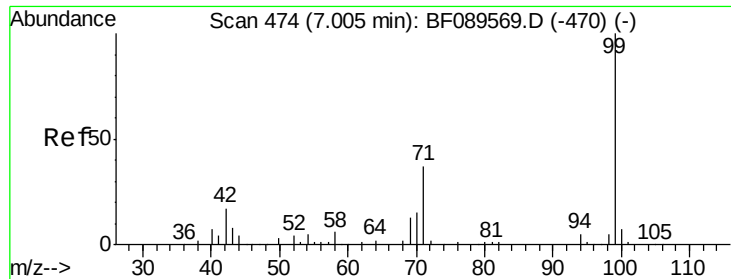


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 81.03 ng

RT: 7.00 min Scan# 474

Delta R.T. 0.00 min

Lab File: BF089569.D

Acq: 3 Aug 2016 20:28

Instrument :

BNA_F

ClientSampleId :

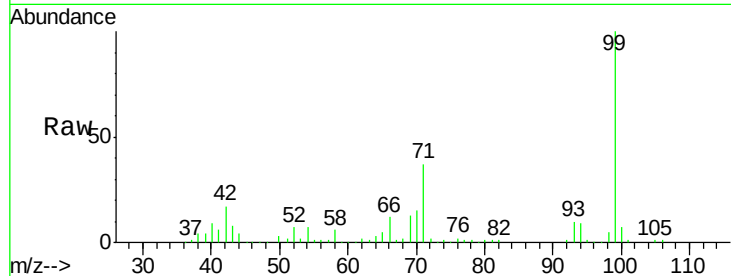
Tot Ion: 99 Resp: 280471

Ion Ratio Lower Upper

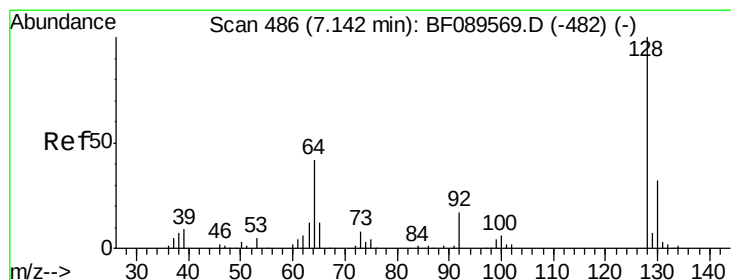
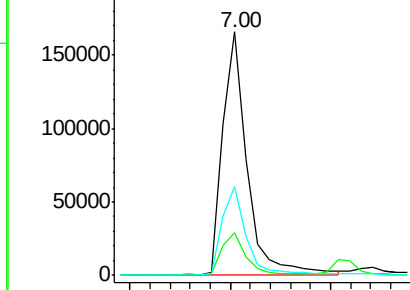
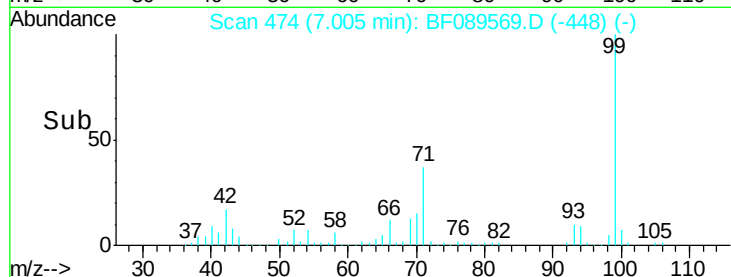
99 100

42 17.4 13.9 20.9

71 36.6 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: 41.34 ng

RT: 7.14 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF089569.D

Acq: 3 Aug 2016 20:28

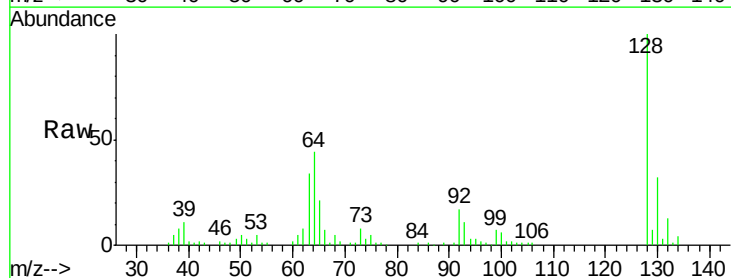
Tgt Ion: 128 Resp: 128477

Ion Ratio Lower Upper

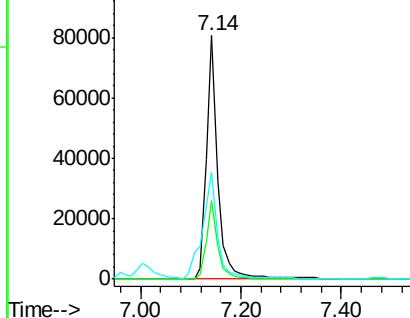
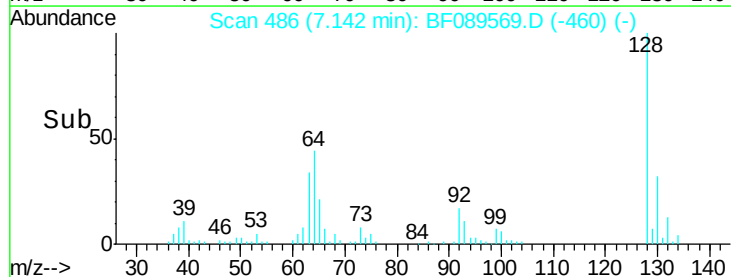
128 100

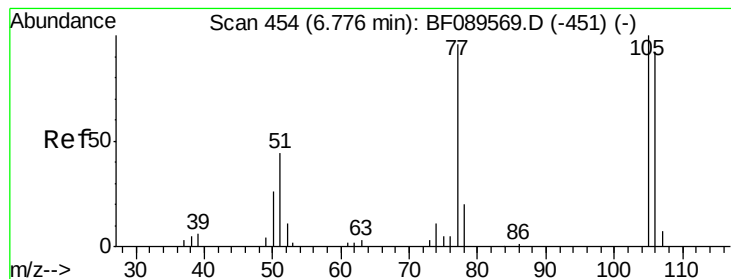
130 32.4 12.4 52.4

64 44.0 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: 46.54 ng

RT: 6.78 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF089569.D

Acq: 3 Aug 2016 20:28

Instrument :

BNA_F

ClientSampleId :

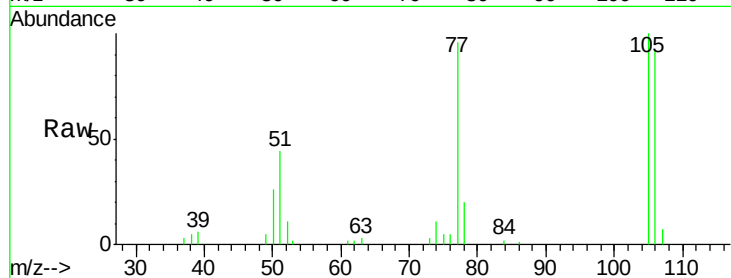
Tot Ion: 77 Resp: 57393

Ion Ratio Lower Upper

77 100

105 104.0 84.0 124.0

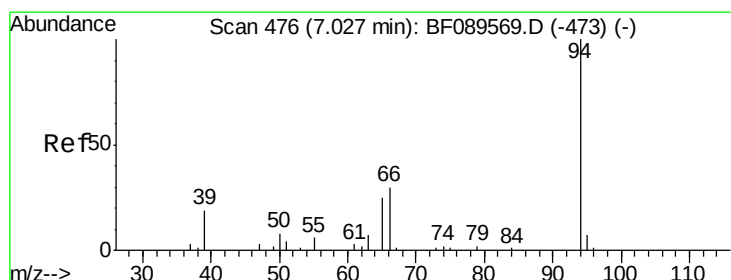
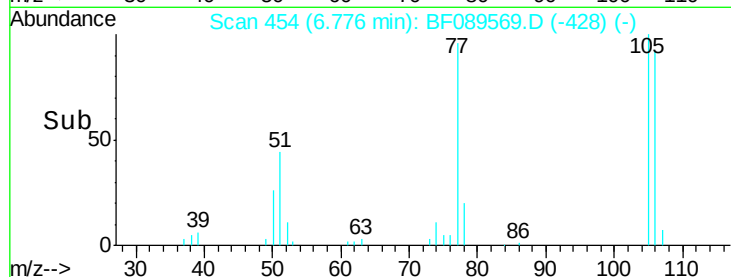
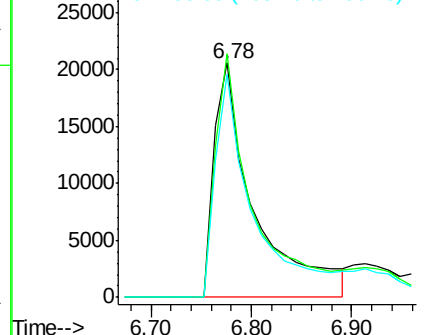
106 95.3 75.3 115.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 42.22 ng

RT: 7.03 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF089569.D

Acq: 3 Aug 2016 20:28

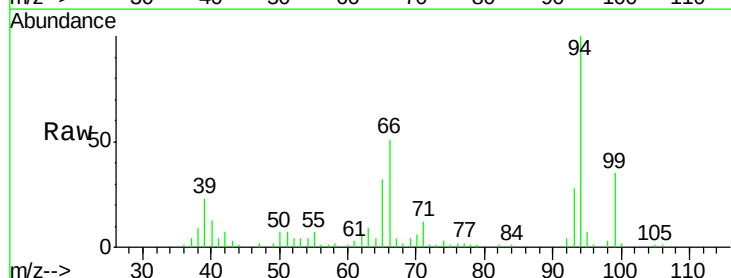
Tgt Ion: 94 Resp: 151344

Ion Ratio Lower Upper

94 100

65 31.9 11.9 51.9

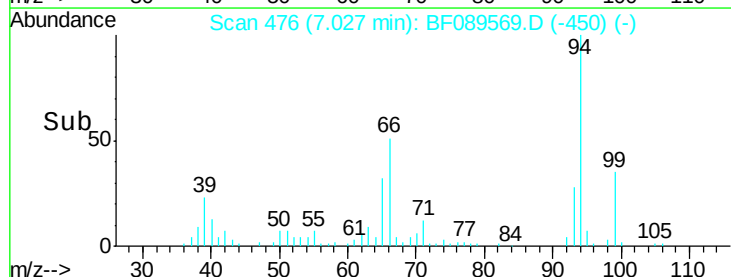
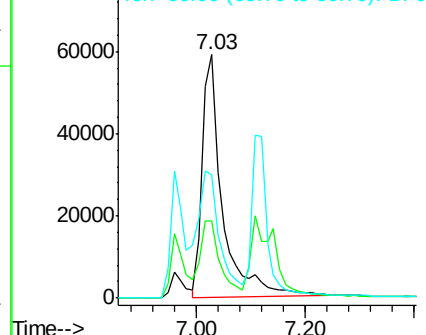
66 50.9 30.9 70.9

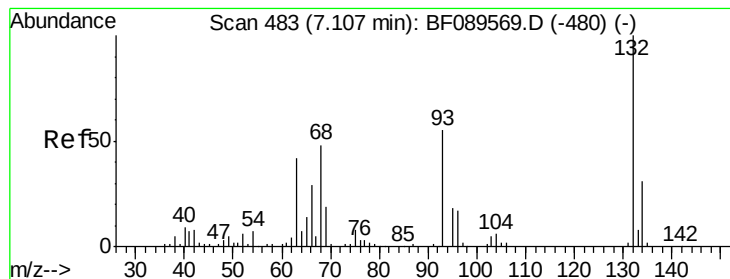


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

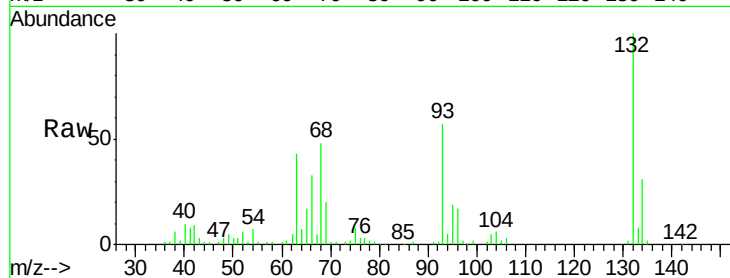




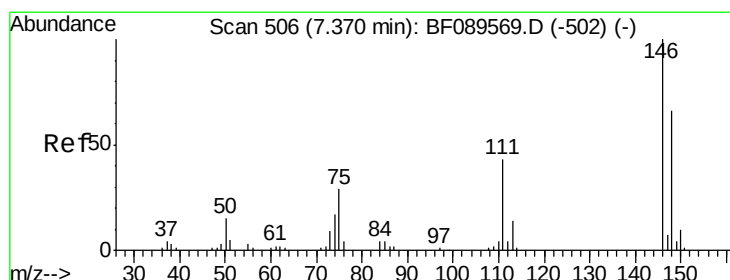
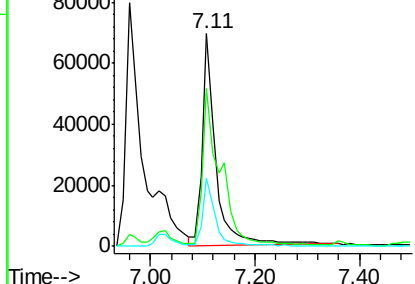
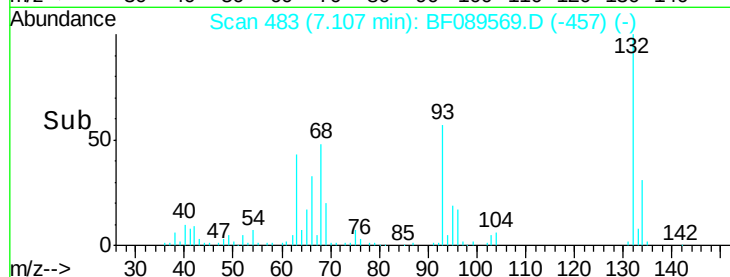
#11
bis(2-Chloroethyl)ether
Concen: 39.45 ng
RT: 7.11 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF089569.D
Acq: 3 Aug 2016 20:28

Instrument :
BNA_F
ClientSampled :

Tot Ion: 93 Resp: 124291
Ion Ratio Lower Upper
93 100
63 74.0 54.0 94.0
95 32.3 12.3 52.3

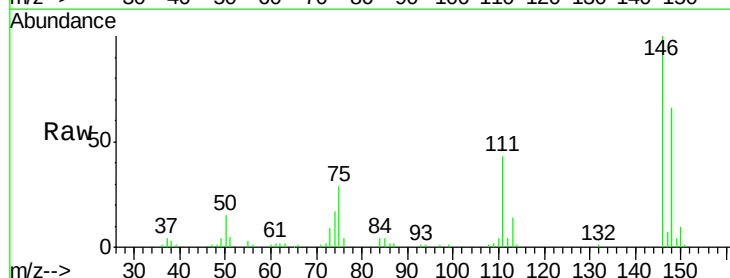


Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0

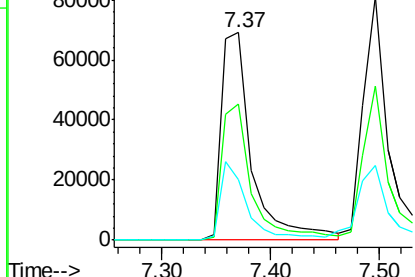
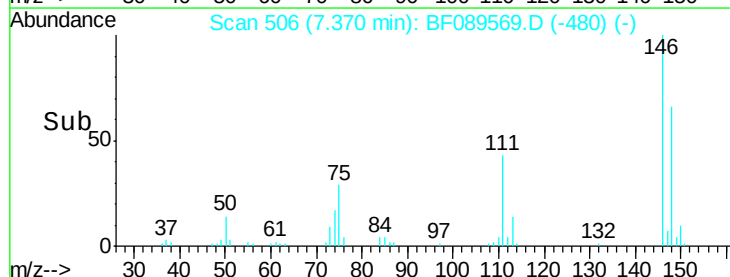


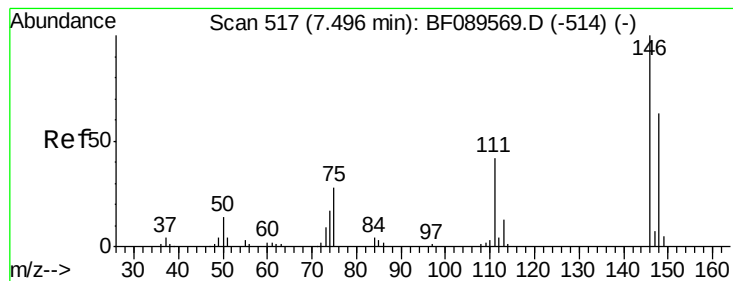
#12
1,3-Dichlorobenzene
Concen: 39.56 ng
RT: 7.37 min Scan# 506
Delta R.T. 0.00 min
Lab File: BF089569.D
Acq: 3 Aug 2016 20:28

Tgt Ion: 146 Resp: 134842
Ion Ratio Lower Upper
146 100
148 65.9 52.7 79.1
75 29.1 23.3 34.9



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 38.60 ng

RT: 7.50 min Scan# 517

Delta R.T. 0.00 min

Lab File: BF089569.D

Acq: 3 Aug 2016 20:28

Instrument :

BNA_F

ClientSampleId :

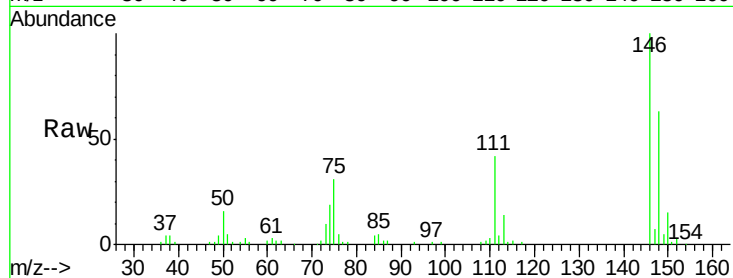
Tot Ion:146 Resp: 131382

Ion Ratio Lower Upper

146 100

148 63.3 50.6 76.0

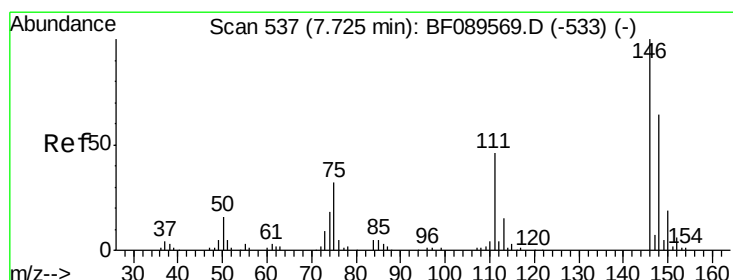
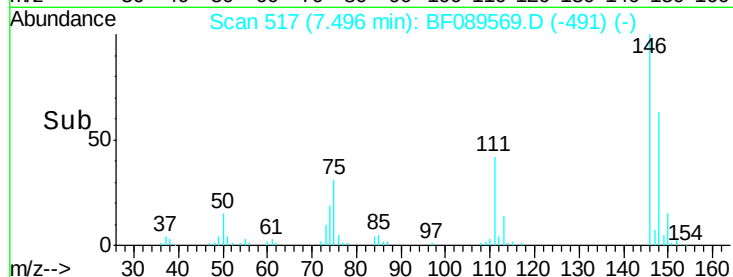
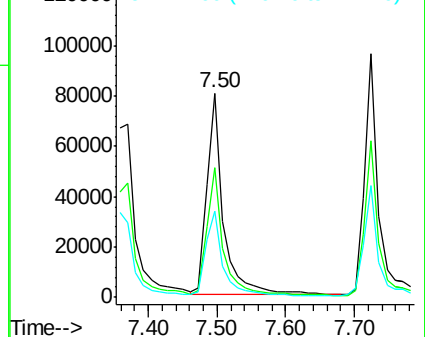
111 42.1 33.7 50.5



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: 39.45 ng

RT: 7.72 min Scan# 537

Delta R.T. 0.00 min

Lab File: BF089569.D

Acq: 3 Aug 2016 20:28

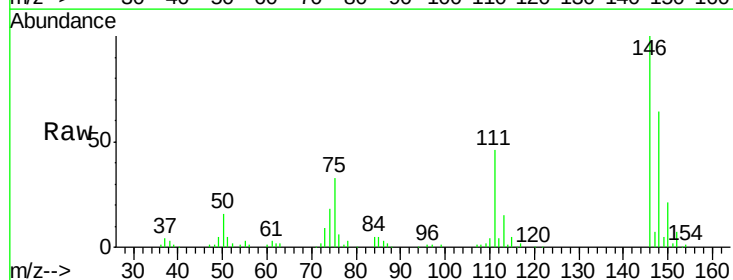
Tgt Ion:146 Resp: 139357

Ion Ratio Lower Upper

146 100

148 64.2 51.4 77.0

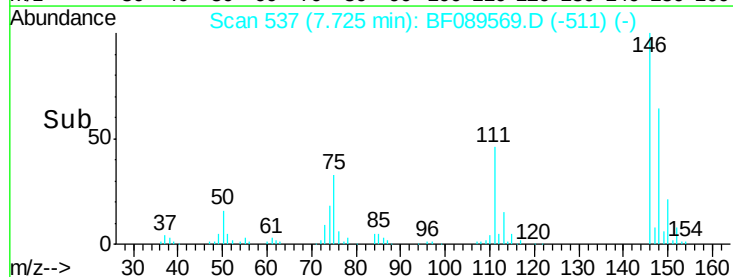
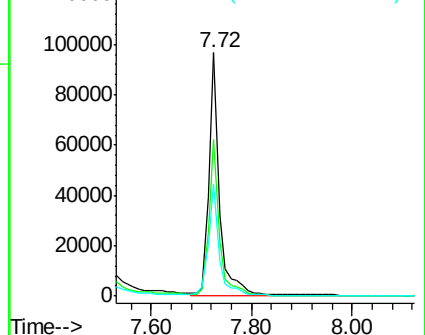
111 45.8 36.6 55.0

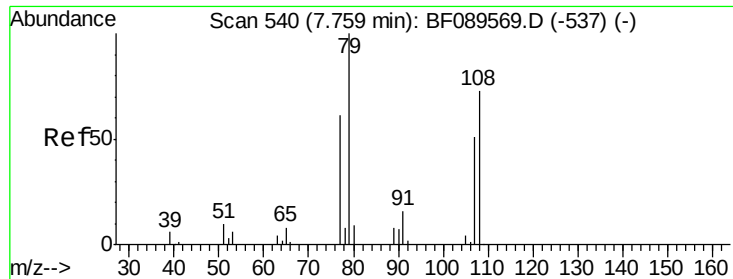


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.55 ng

RT: 7.76 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF089569.D

Acq: 3 Aug 2016 20:28

Instrument :
BNA_F
ClientSampleId :

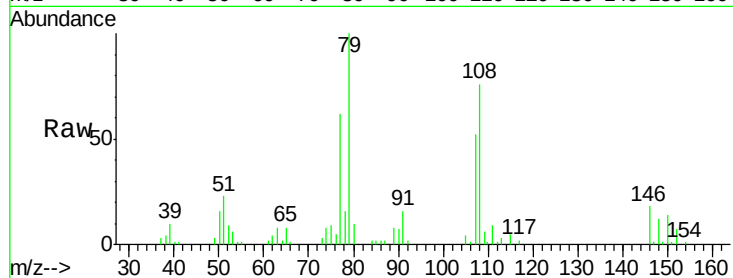
Tot Ion: 79 Resp: 96210

Ion Ratio Lower Upper

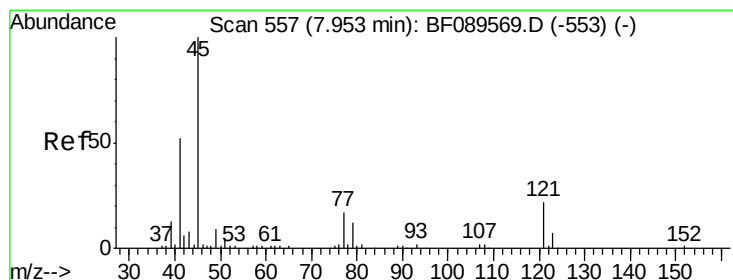
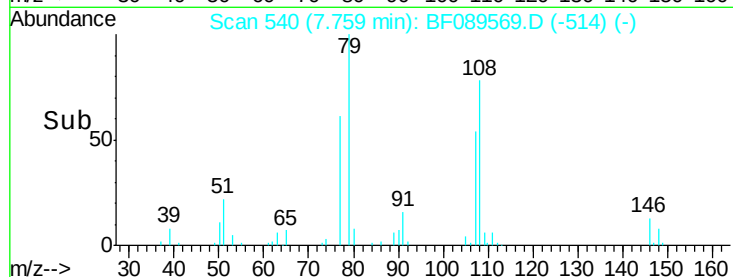
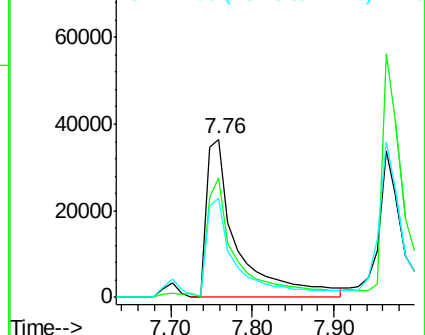
79 100

108 75.7 60.6 90.8

77 62.5 50.0 75.0



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.50 ng

RT: 7.95 min Scan# 557

Delta R.T. 0.00 min

Lab File: BF089569.D

Acq: 3 Aug 2016 20:28

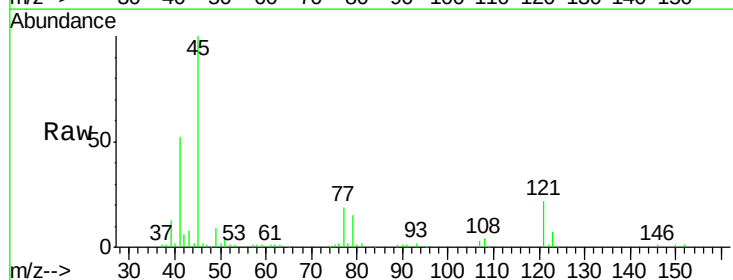
Tgt Ion: 45 Resp: 153476

Ion Ratio Lower Upper

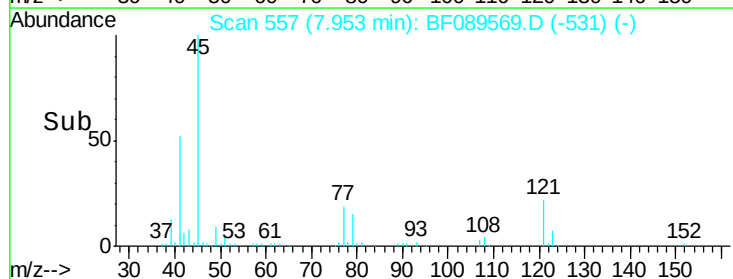
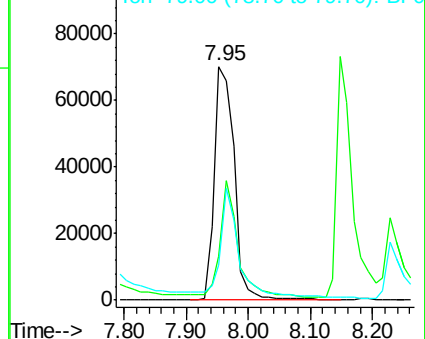
45 100

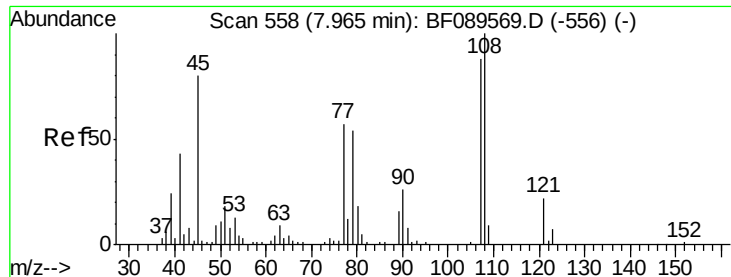
77 18.9 0.0 38.9

79 15.2 0.0 35.2



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 40.03 ng

RT: 7.96 min Scan# 558

Delta R.T. 0.00 min

Lab File: BF089569.D

Acq: 3 Aug 2016 20:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 91033

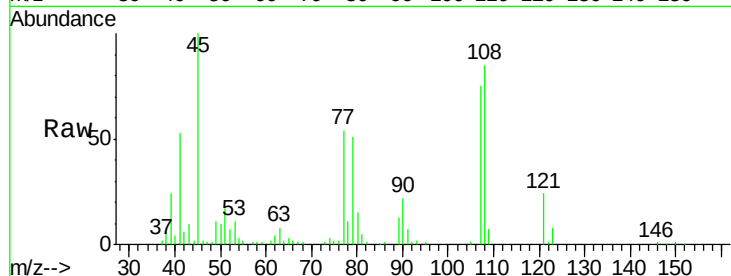
Ion Ratio Lower Upper

107 100

108 114.1 91.3 136.9

77 72.6 58.1 87.1

79 68.5 54.8 82.2

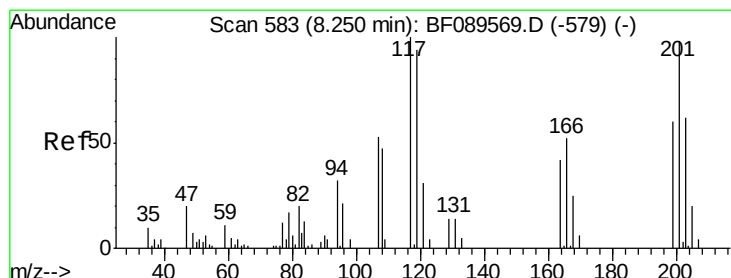
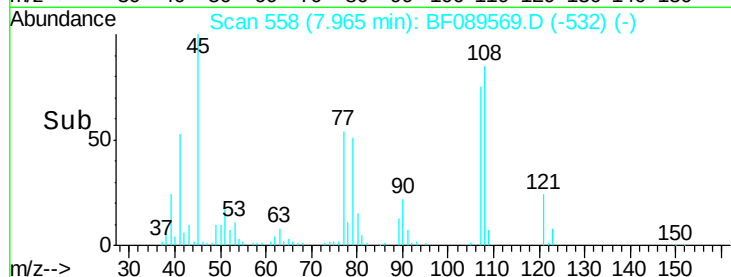
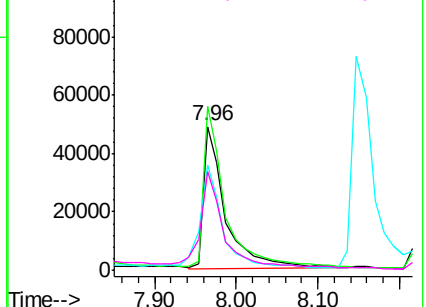


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.00 ng

RT: 8.25 min Scan# 583

Delta R.T. 0.00 min

Lab File: BF089569.D

Acq: 3 Aug 2016 20:28

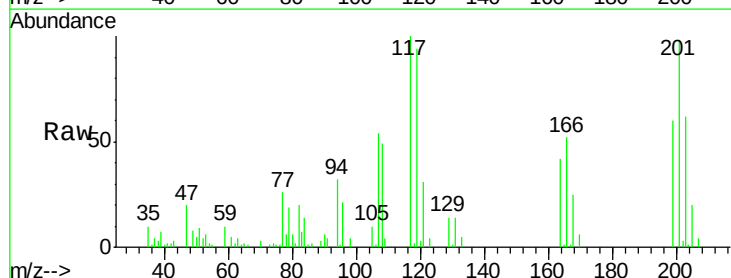
Tgt Ion:117 Resp: 55750

Ion Ratio Lower Upper

117 100

119 94.4 75.5 113.3

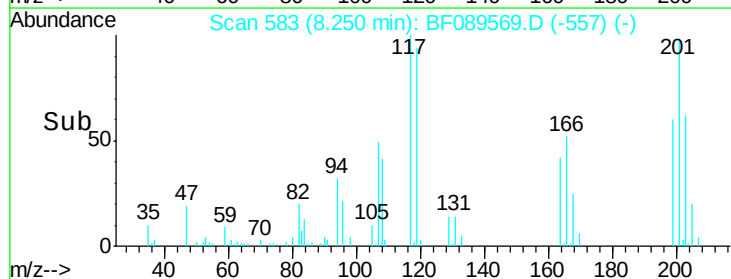
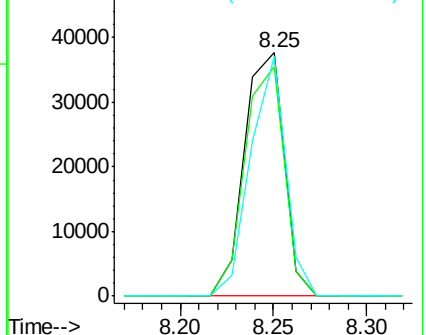
201 98.5 78.8 118.2

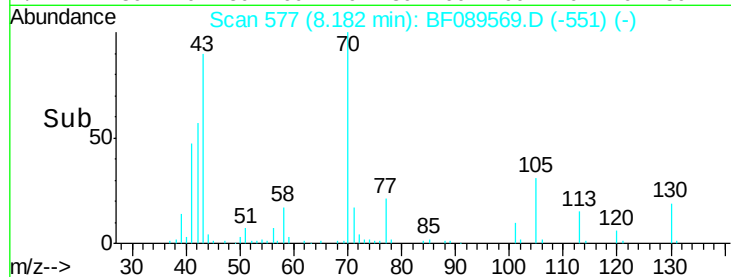
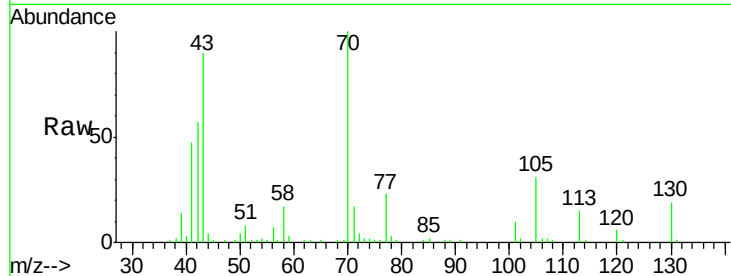
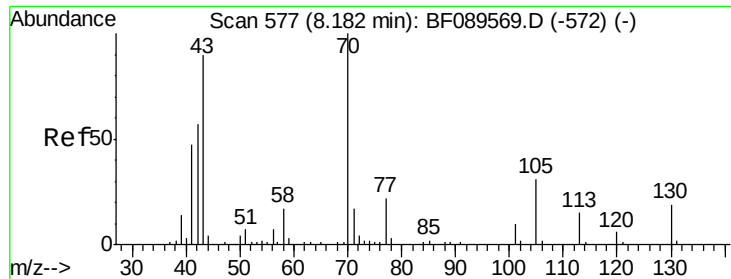


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

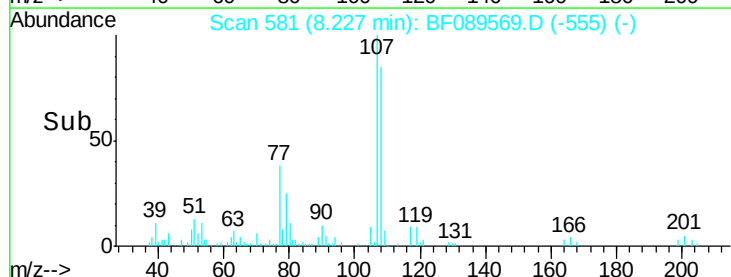
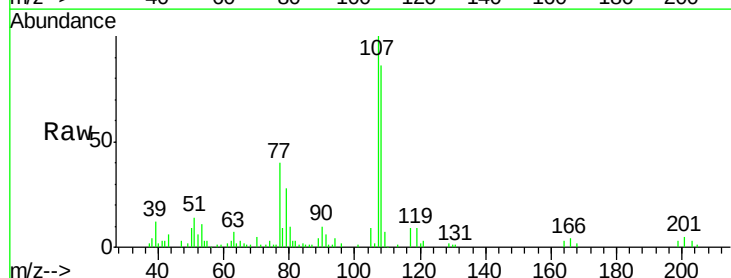
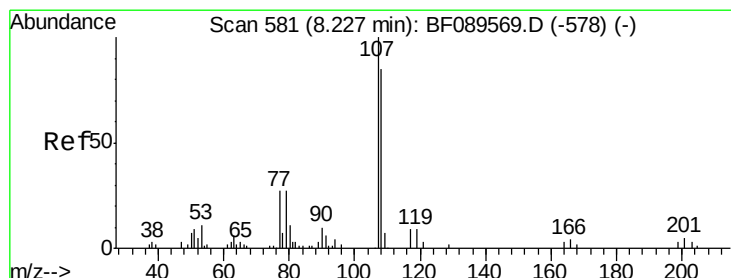
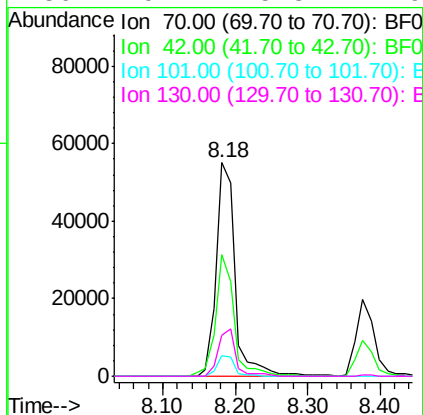




#19
n-Nitroso-di-n-propylamine
Concen: 77.02 ng
RT: 8.18 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF089569.D
Acq: 3 Aug 2016 20:28

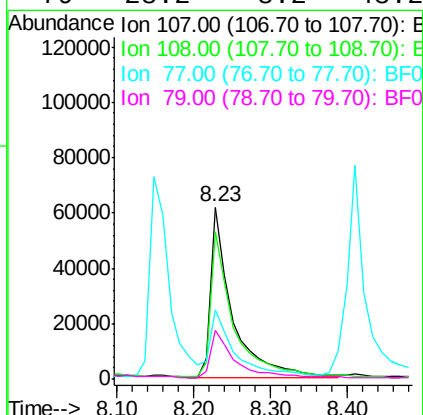
Instrument :
BNA_F
ClientSampleId :

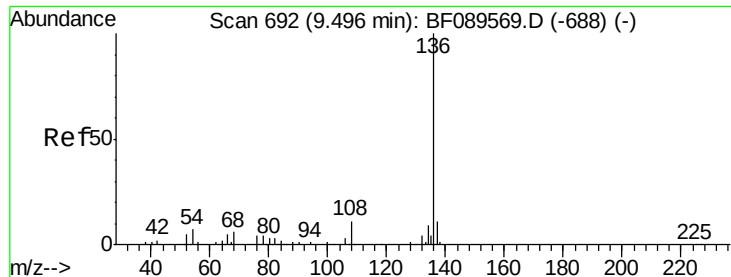
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.9	45.5	68.3	
101	9.6	7.7	11.5	
130	19.1	15.3	22.9	



#20
3+4-Methylphenols
Concen: 40.07 ng
RT: 8.23 min Scan# 581
Delta R.T. 0.00 min
Lab File: BF089569.D
Acq: 3 Aug 2016 20:28

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.6	65.6	105.6	
77	40.1	20.1	60.1	
79	28.2	8.2	48.2	

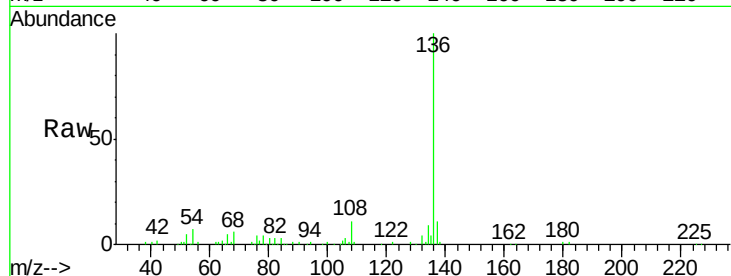




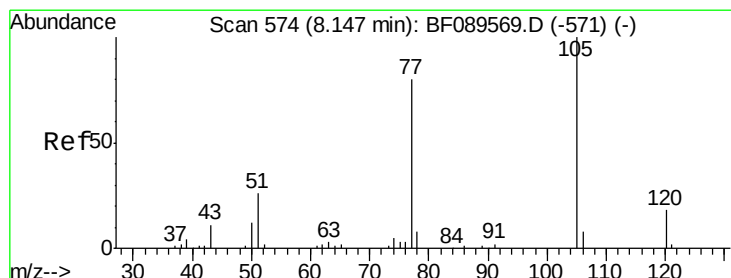
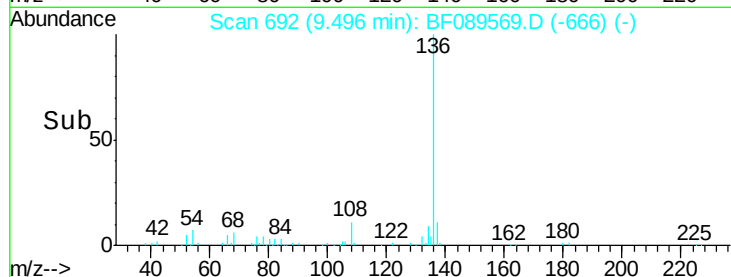
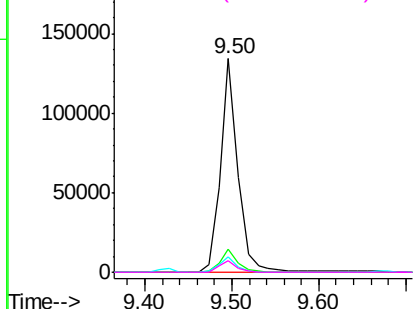
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.50 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF089569.D
Acq: 3 Aug 2016 20:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	189031
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.8 13.2
54	7.4	5.9 8.9
68	5.6	4.5 6.7

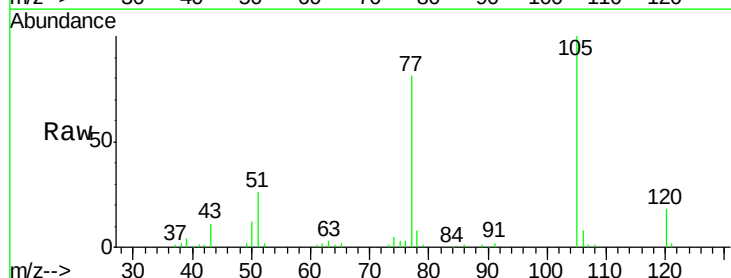


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

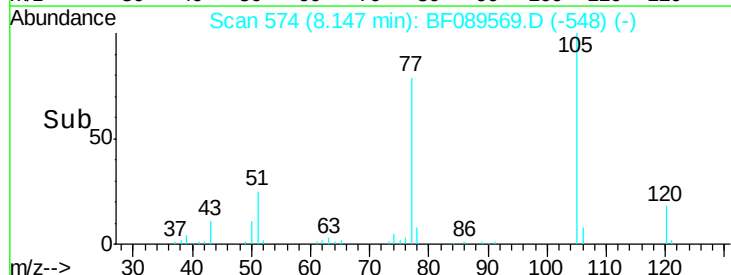
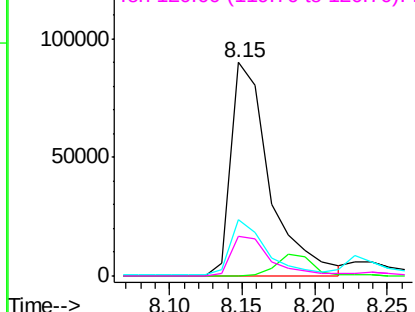


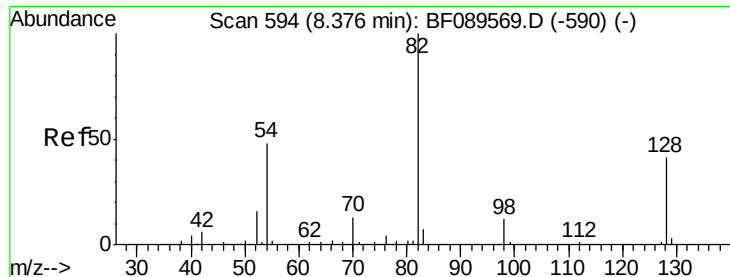
#22
Acetophenone
Concen: 37.38 ng
RT: 8.15 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF089569.D
Acq: 3 Aug 2016 20:28

Tgt Ion:105	Resp:	167741
Ion Ratio	Lower	Upper
105	100	
71	0.0	0.0 0.0
51	26.4	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

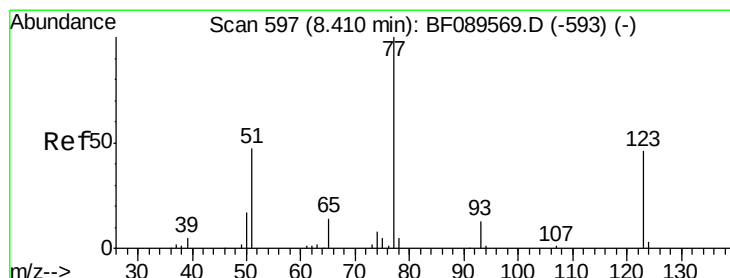
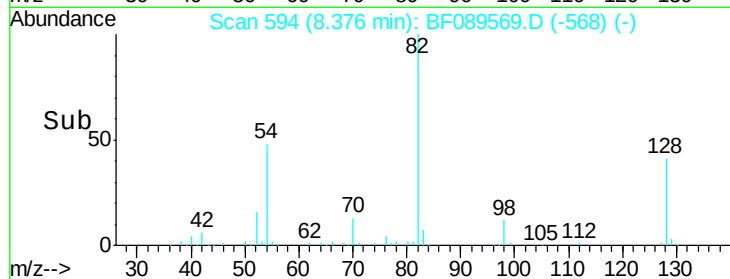
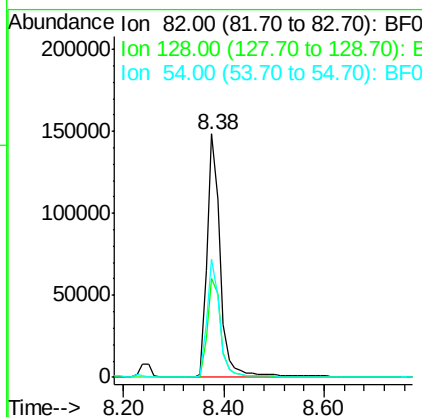
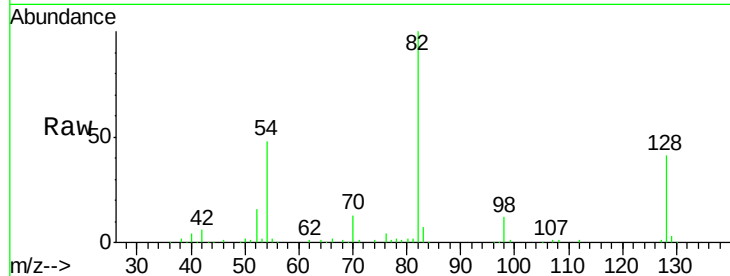




#23
 Nitrobenzene-d5
 Concen: 79.79 ng
 RT: 8.38 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: BF089569.D
 Acq: 3 Aug 2016 20:28

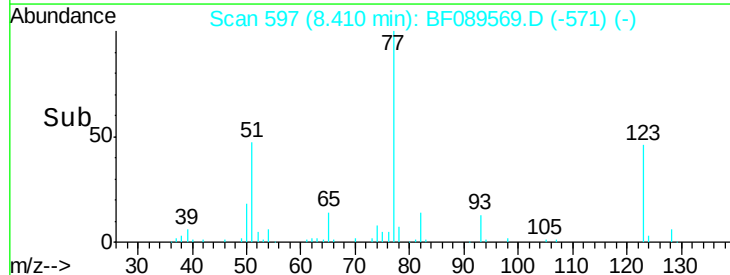
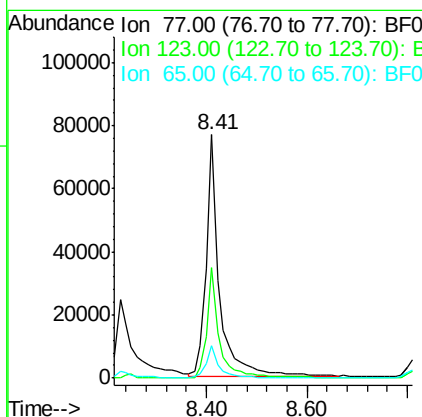
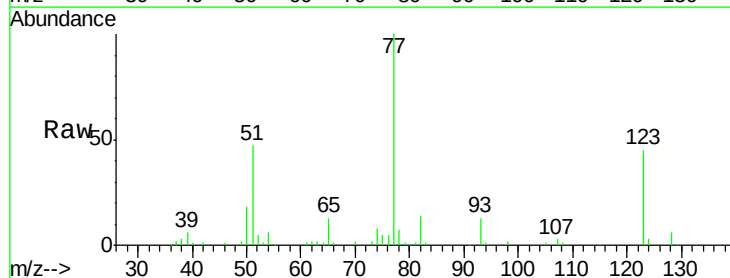
Instrument :
 BNA_F
 ClientSampled :

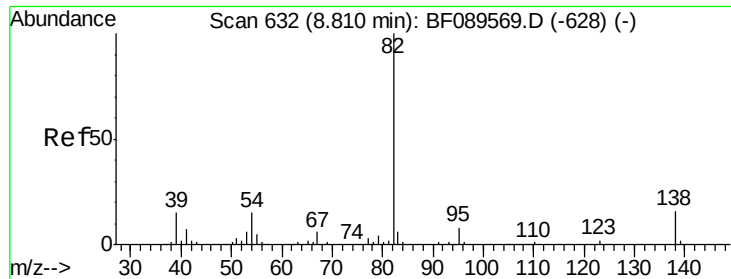
Tot Ion	82	Resp	272631
Ion Ratio	100	Lower	Upper
128	40.5	32.4	48.6
54	48.3	38.6	58.0



#24
 Nitrobenzene
 Concen: 38.77 ng
 RT: 8.41 min Scan# 597
 Delta R.T. 0.00 min
 Lab File: BF089569.D
 Acq: 3 Aug 2016 20:28

Tgt Ion	77	Resp	137765
Ion Ratio	100	Lower	Upper
123	45.2	36.2	54.2
65	13.4	10.7	16.1





#25

Isophorone

Concen: 38.02 ng

RT: 8.81 min Scan# 632

Delta R.T. 0.00 min

Lab File: BF089569.D

Acq: 3 Aug 2016 20:28

Instrument :

BNA_F

ClientSampleId :

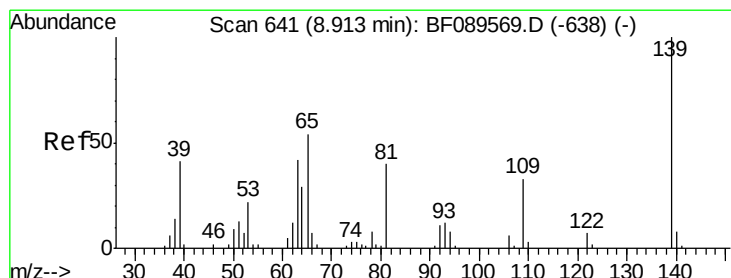
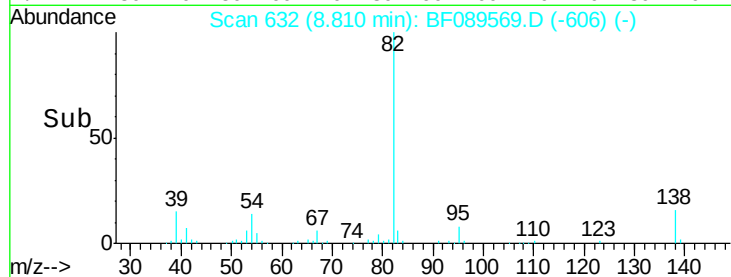
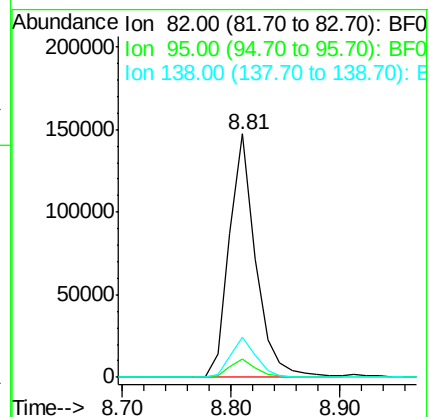
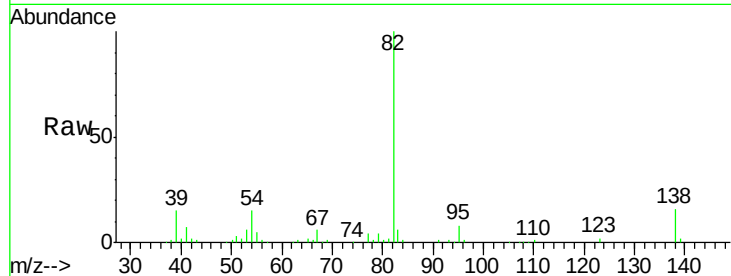
Tot Ion: 82 Resp: 246689

Ion Ratio Lower Upper

82 100

95 7.6 6.1 9.1

138 16.2 13.0 19.4



#26

2-Nitrophenol

Concen: 39.21 ng

RT: 8.91 min Scan# 641

Delta R.T. 0.00 min

Lab File: BF089569.D

Acq: 3 Aug 2016 20:28

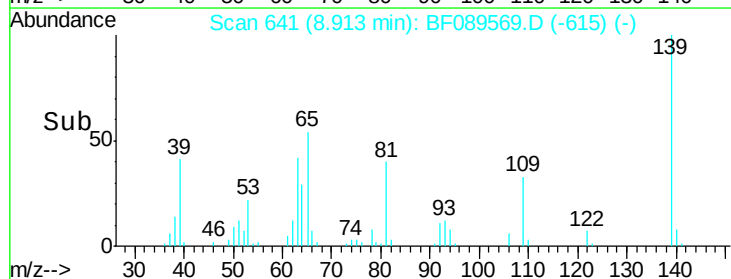
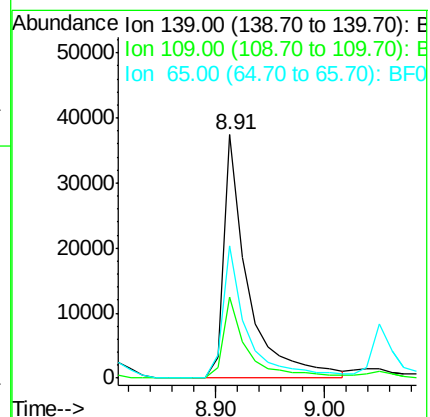
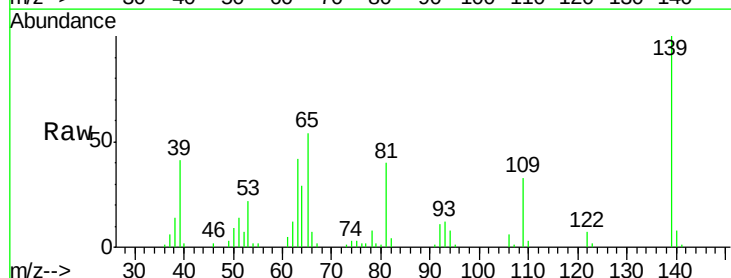
Tgt Ion: 139 Resp: 58080

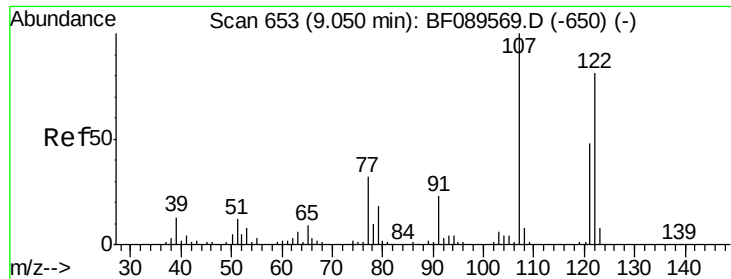
Ion Ratio Lower Upper

139 100

109 33.4 26.7 40.1

65 54.1 43.3 64.9

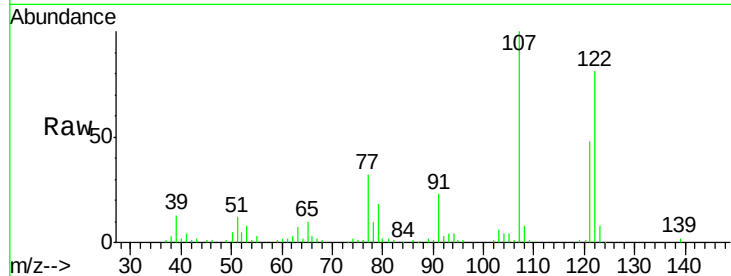




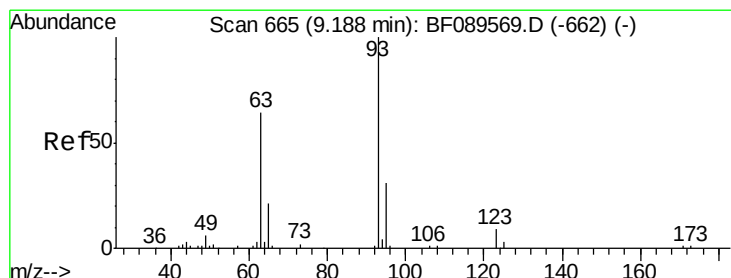
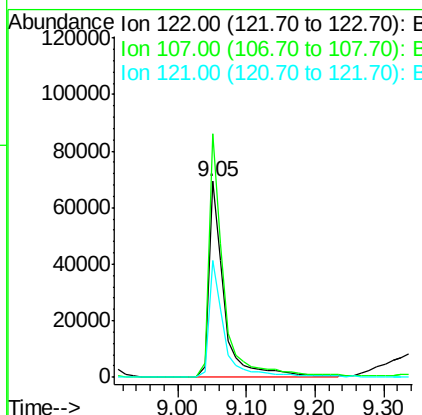
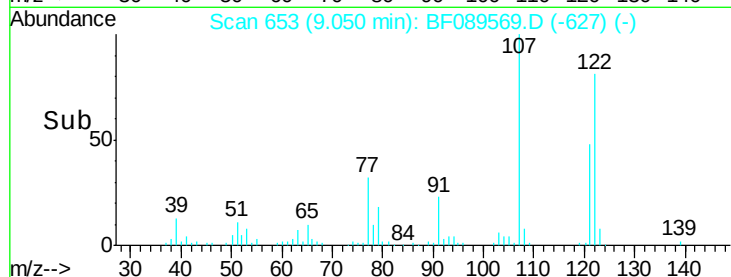
#27
 2,4-Dimethylphenol
 Concen: 40.73 ng
 RT: 9.05 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF089569.D
 Acq: 3 Aug 2016 20:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
107	124.1	99.3	148.9
121	59.8	47.8	71.8

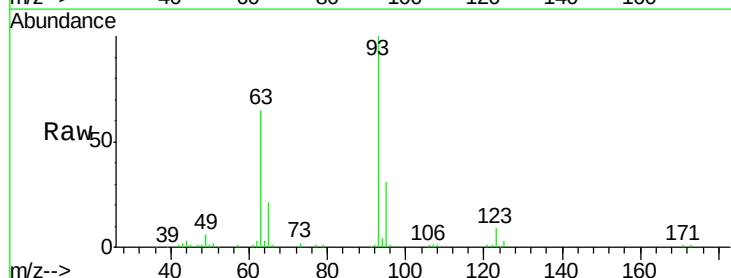


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

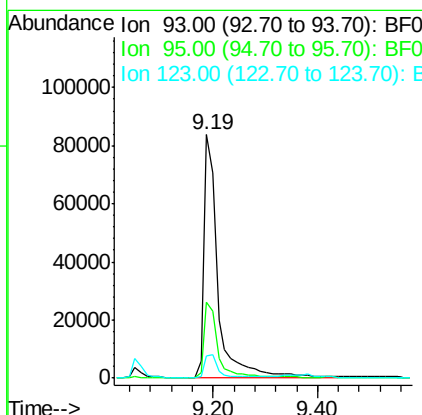
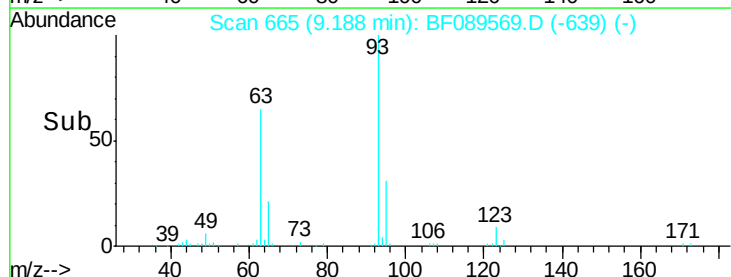


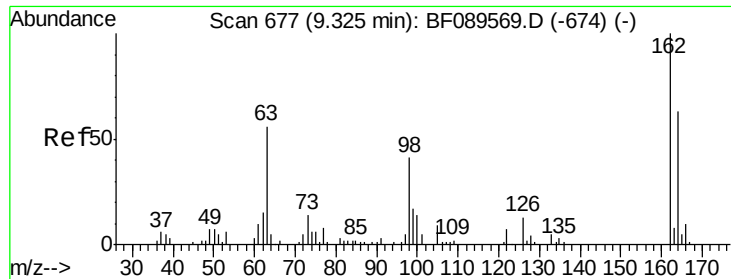
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.63 ng
 RT: 9.19 min Scan# 665
 Delta R.T. 0.00 min
 Lab File: BF089569.D
 Acq: 3 Aug 2016 20:28

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.3	25.0	37.6
123	9.3	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

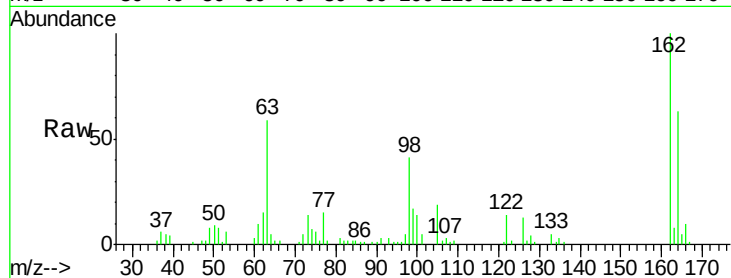




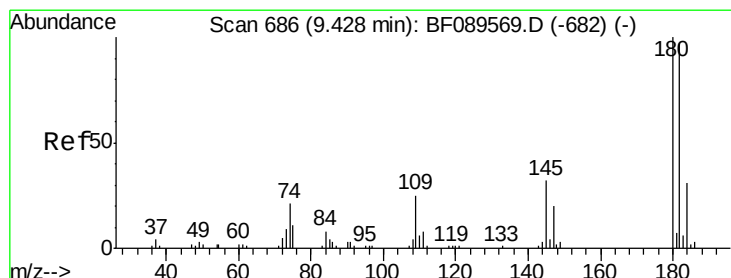
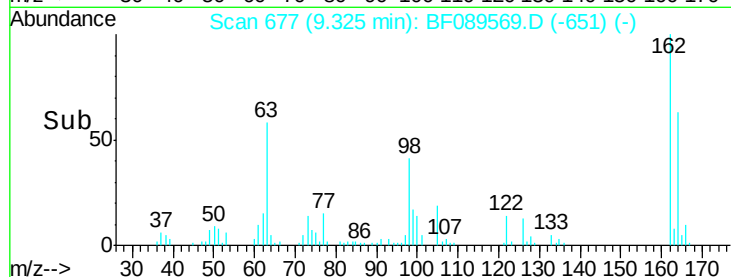
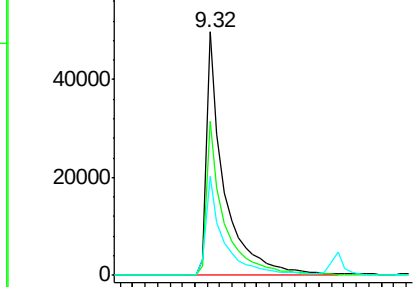
#29
 2,4-Dichlorophenol
 Concen: 39.02 ng
 RT: 9.32 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF089569.D
 Acq: 3 Aug 2016 20:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 97424
 Ion Ratio Lower Upper
 162 100
 164 63.1 43.1 83.1
 98 40.7 20.7 60.7

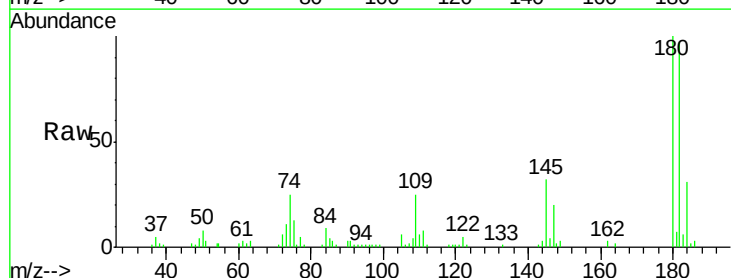


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

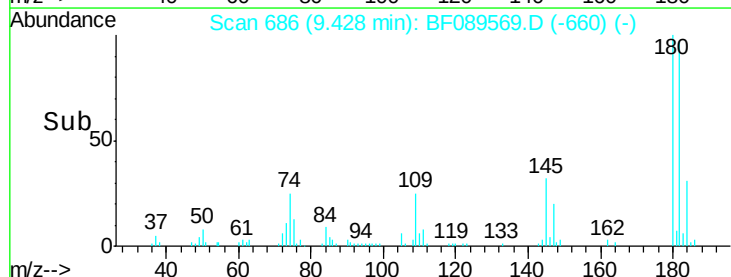
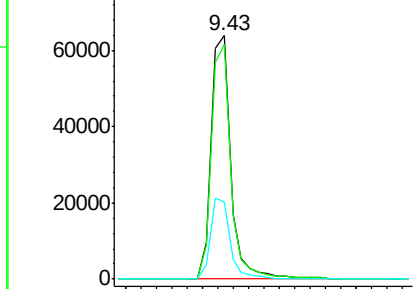


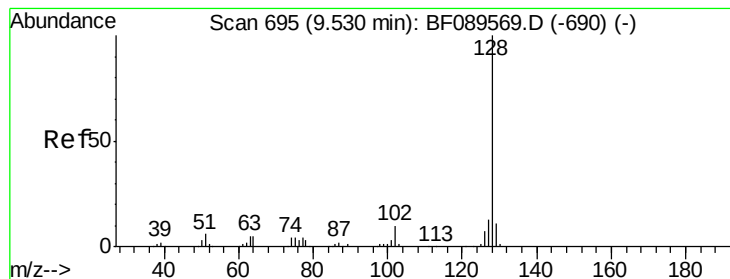
#30
 1,2,4-Trichlorobenzene
 Concen: 39.78 ng
 RT: 9.43 min Scan# 686
 Delta R.T. 0.00 min
 Lab File: BF089569.D
 Acq: 3 Aug 2016 20:28

Tgt Ion:180 Resp: 113531
 Ion Ratio Lower Upper
 180 100
 182 96.5 77.2 115.8
 145 31.6 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: 38.89 ng

RT: 9.53 min Scan# 695

Delta R.T. 0.00 min

Lab File: BF089569.D

Acq: 3 Aug 2016 20:28

Instrument :

BNA_F

ClientSampleId :

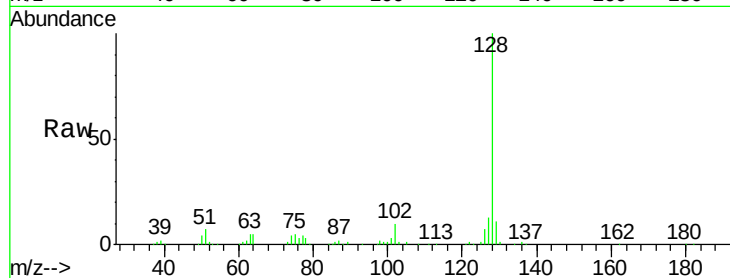
Tot Ion:128 Resp: 390893

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

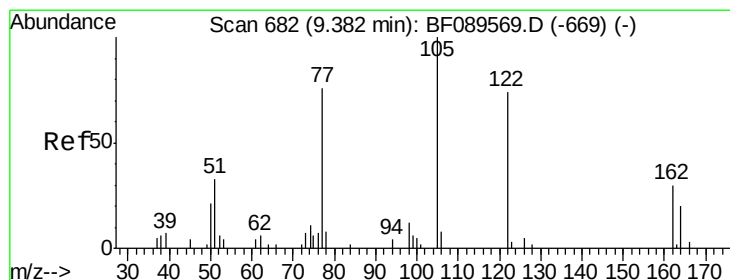
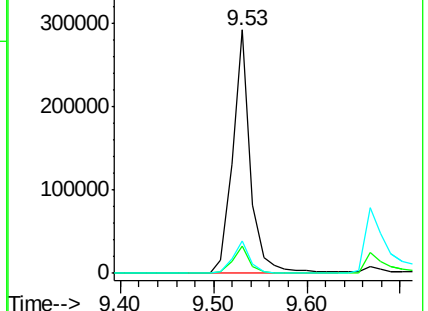
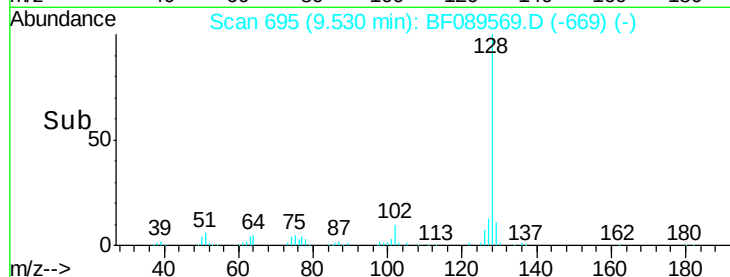
127 13.5 10.8 16.2



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: 39.76 ng

RT: 9.38 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF089569.D

Acq: 3 Aug 2016 20:28

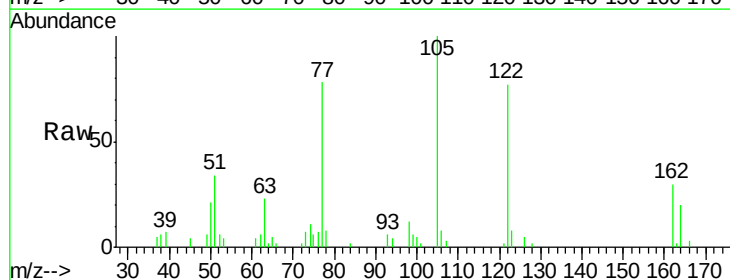
Tgt Ion:122 Resp: 70102

Ion Ratio Lower Upper

122 100

105 129.8 109.8 149.8

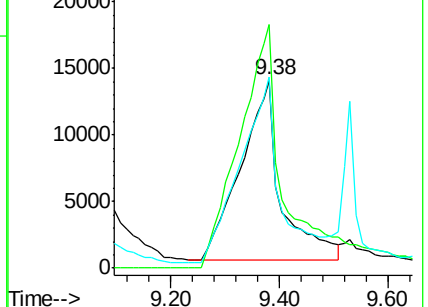
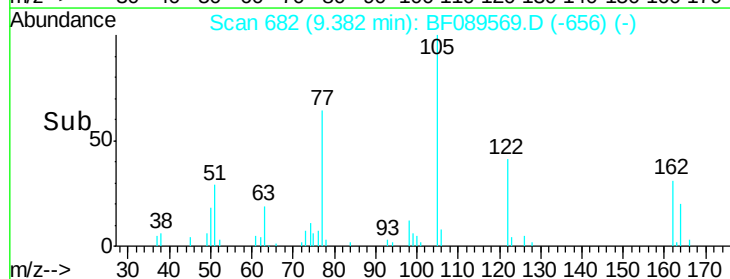
77 101.8 81.8 121.8

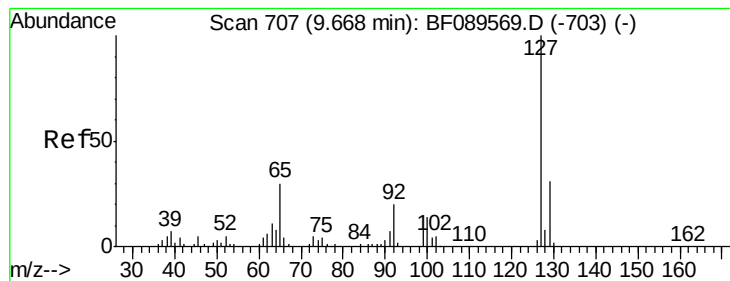


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 39.03 ng

RT: 9.67 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF089569.D

Acq: 3 Aug 2016 20:28

Instrument :

BNA_F

ClientSampled :

Tot Ion:127 Resp: 151528

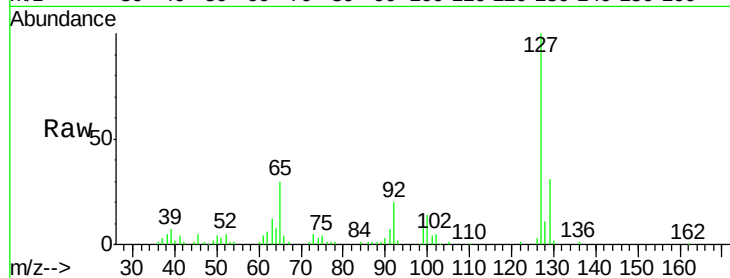
Ion Ratio Lower Upper

127 100

129 31.2 25.0 37.4

65 30.4 24.3 36.5

92 20.3 16.2 24.4

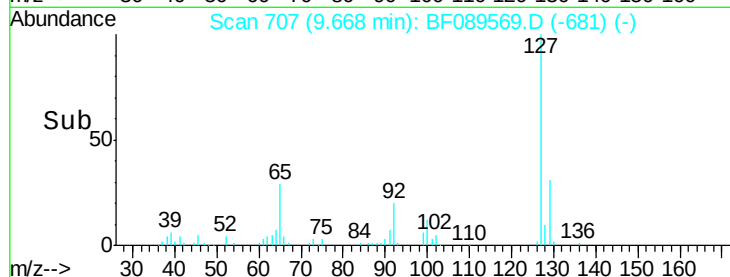


Abundance Ion 127.00 (126.70 to 127.70): E

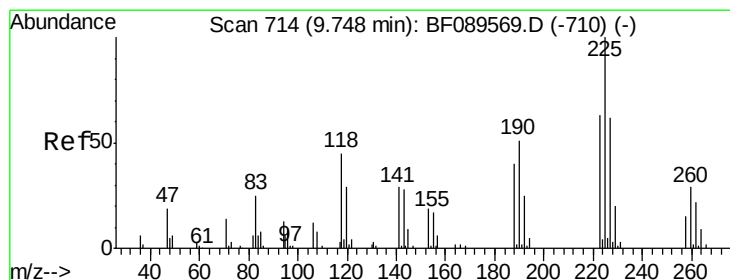
Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



Time-->



#34

Hexachlorobutadiene

Concen: 38.06 ng

RT: 9.75 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF089569.D

Acq: 3 Aug 2016 20:28

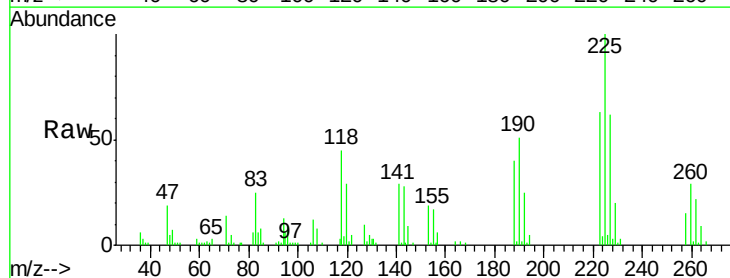
Tgt Ion:225 Resp: 63009

Ion Ratio Lower Upper

225 100

223 62.9 50.3 75.5

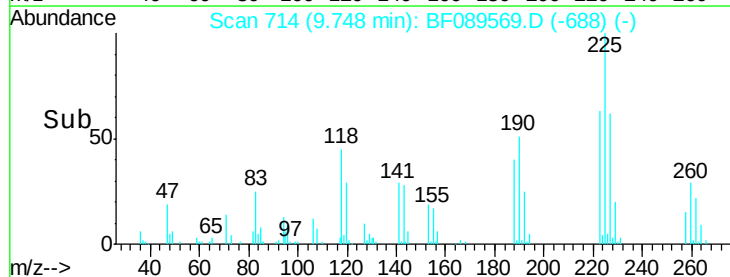
227 62.0 49.6 74.4



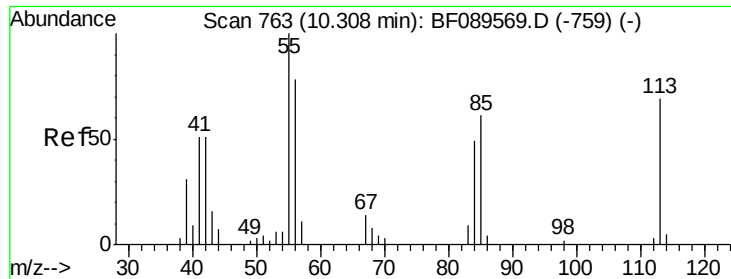
Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



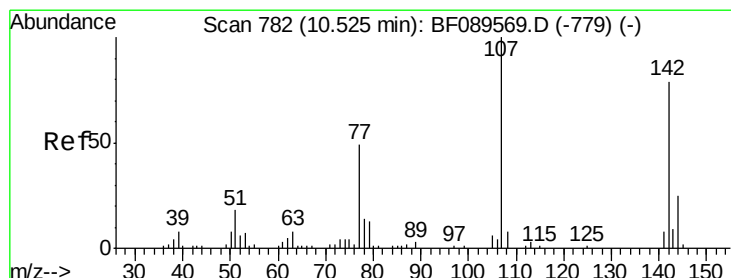
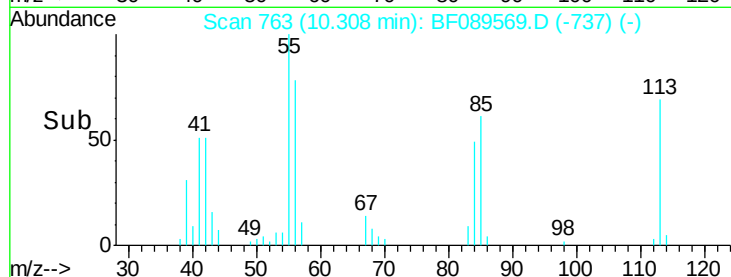
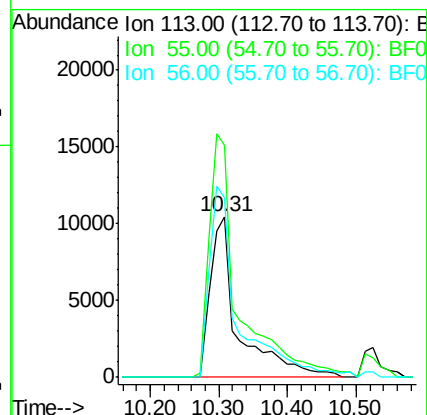
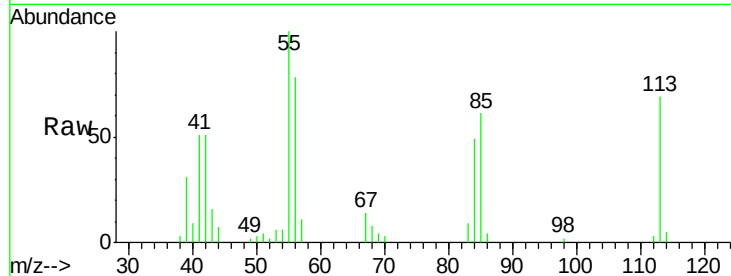
Time-->



#35
 Caprolactam
 Concen: 40.55 ng
 RT: 10.31 min Scan# 763
 Delta R.T. 0.00 min
 Lab File: BF089569.D
 Acq: 3 Aug 2016 20:28

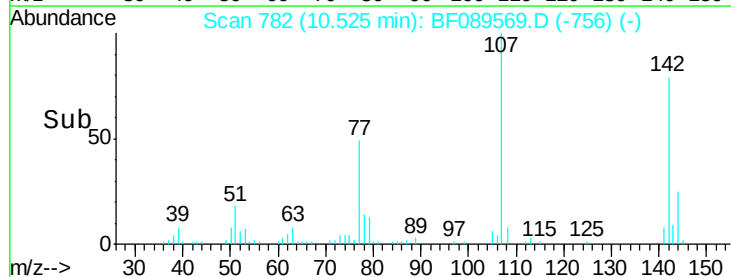
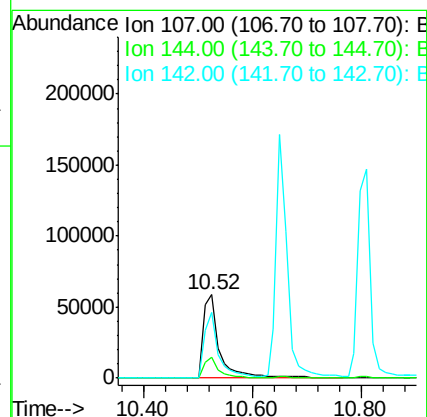
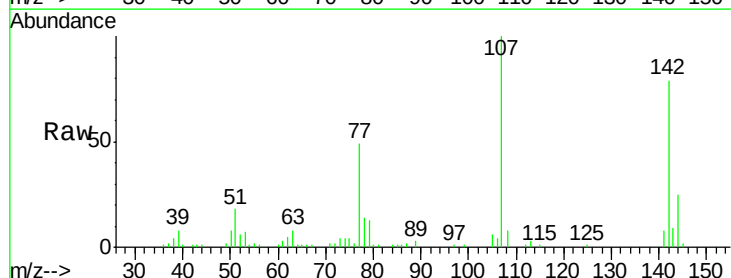
Instrument :
 BNA_F
 ClientSampleId :

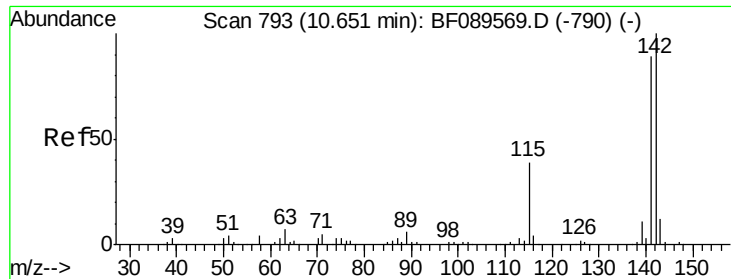
Tot Ion:113 Resp: 29784
 Ion Ratio Lower Upper
 113 100
 55 144.4 124.4 164.4
 56 112.2 92.2 132.2



#36
 4-Chloro-3-methylphenol
 Concen: 41.21 ng
 RT: 10.52 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF089569.D
 Acq: 3 Aug 2016 20:28

Tgt Ion:107 Resp: 120588
 Ion Ratio Lower Upper
 107 100
 144 24.9 19.9 29.9
 142 78.8 63.0 94.6

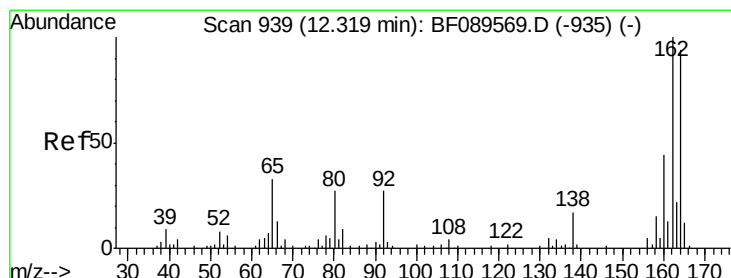
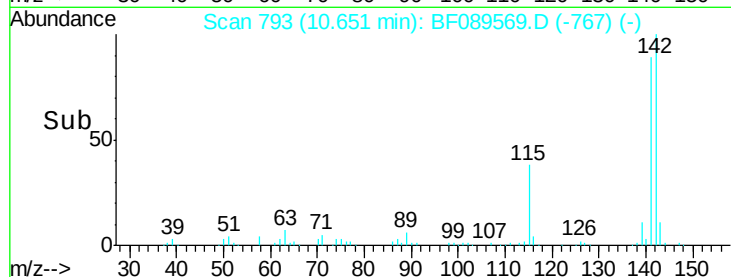
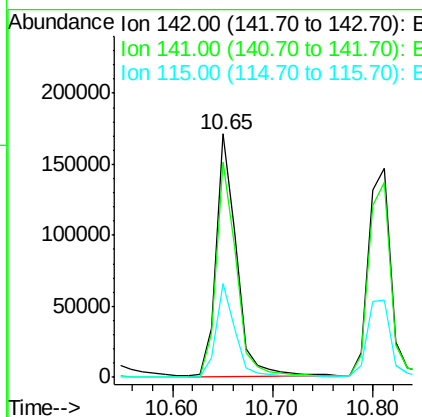
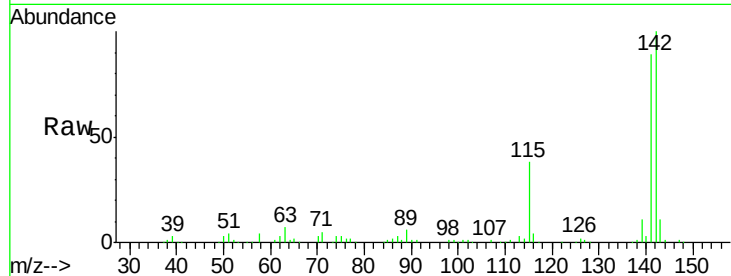




#37
 2-Methylnaphthalene
 Concen: 38.85 ng
 RT: 10.65 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BF089569.D
 Acq: 3 Aug 2016 20:28

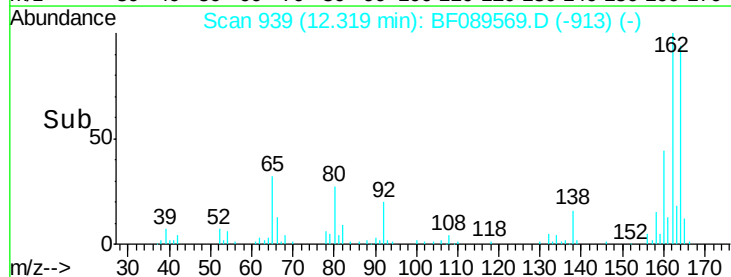
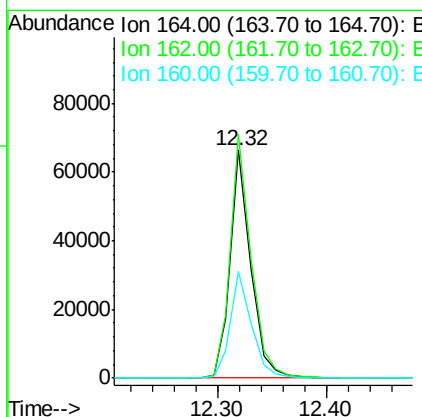
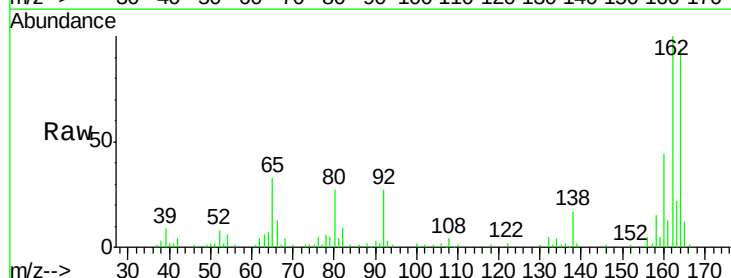
Instrument :
 BNA_F
 ClientSampleId :

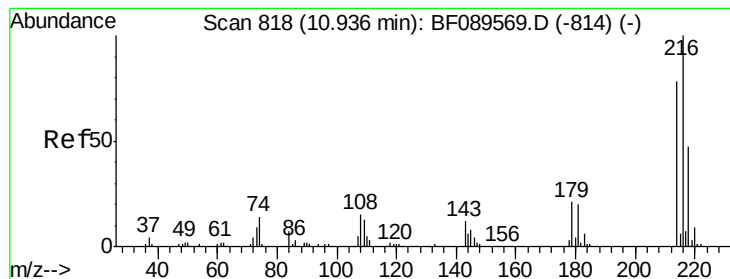
Tot Ion:142 Resp: 238700
 Ion Ratio Lower Upper
 142 100
 141 88.6 70.9 106.3
 115 38.4 30.7 46.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.32 min Scan# 939
 Delta R.T. 0.00 min
 Lab File: BF089569.D
 Acq: 3 Aug 2016 20:28

Tgt Ion:164 Resp: 86746
 Ion Ratio Lower Upper
 164 100
 162 106.8 85.4 128.2
 160 46.6 37.3 55.9

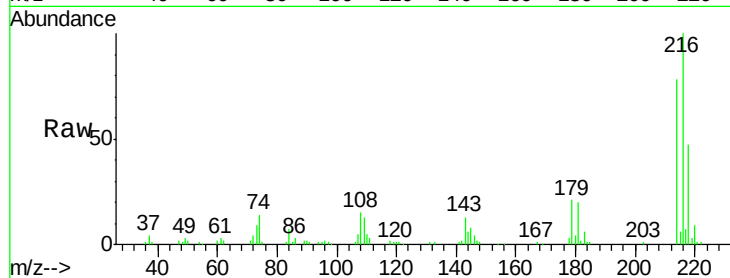




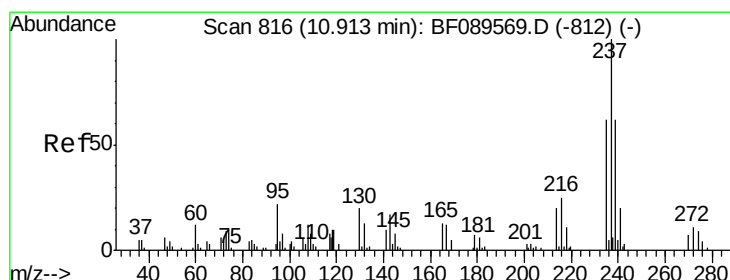
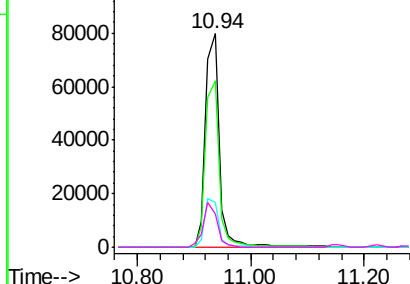
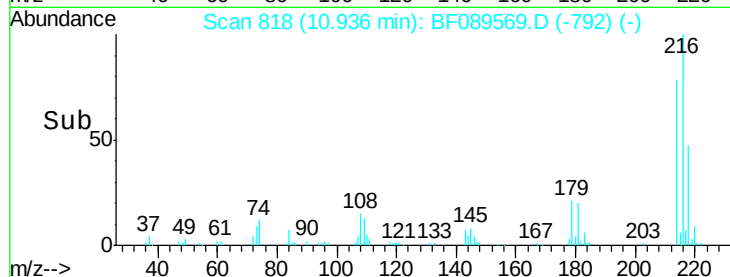
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.93 ng
 RT: 10.94 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF089569.D
 Acq: 3 Aug 2016 20:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	130521
Ion Ratio	Lower	Upper
216	100	
214	78.1	62.5 93.7
179	22.5	18.0 27.0
108	20.3	16.2 24.4

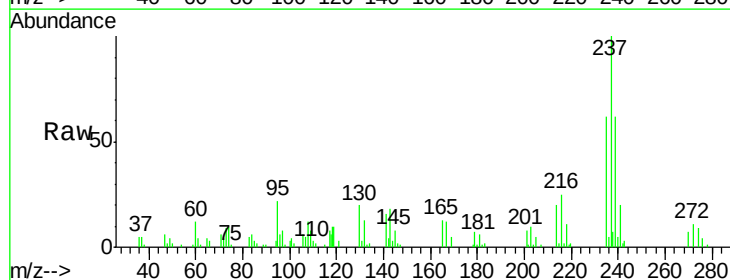


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

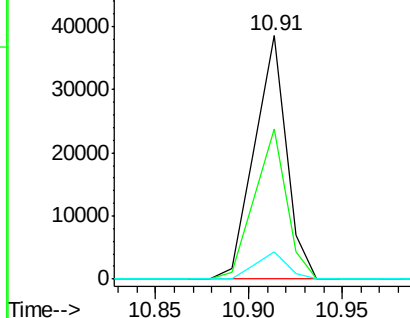
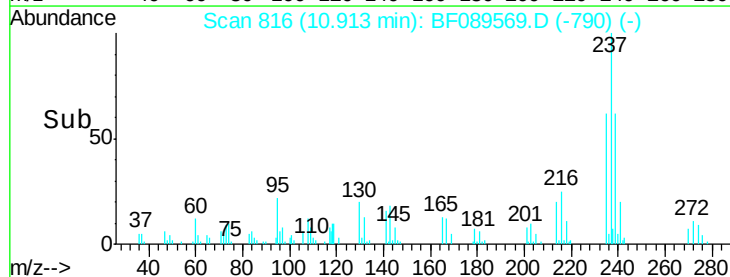


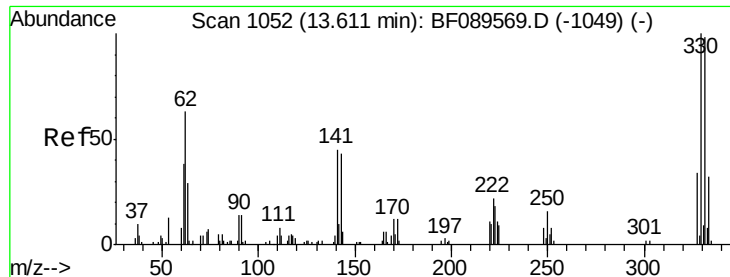
#40
 Hexachlorocyclopentadiene
 Concen: 42.68 ng
 RT: 10.91 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF089569.D
 Acq: 3 Aug 2016 20:28

Tgt Ion:237	Resp:	45600
Ion Ratio	Lower	Upper
237	100	
235	61.5	41.5 81.5
272	11.4	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

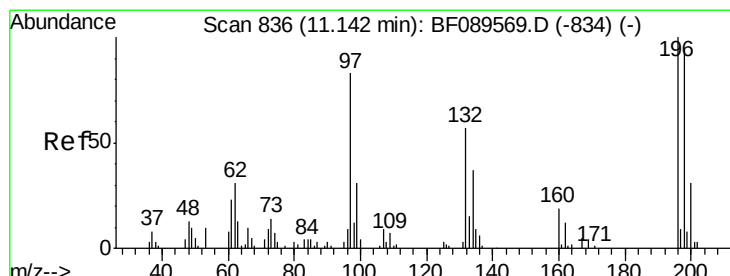
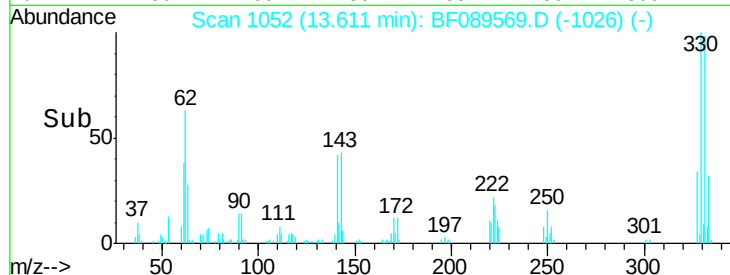
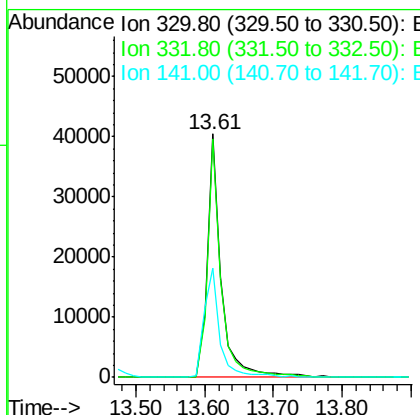
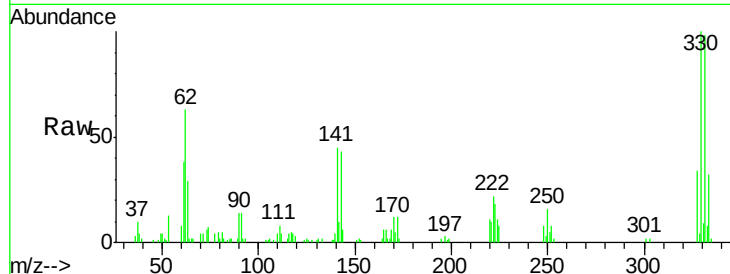




#41
 2,4,6-Tribromophenol
 Concen: 82.74 ng
 RT: 13.61 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: BF089569.D
 Acq: 3 Aug 2016 20:28

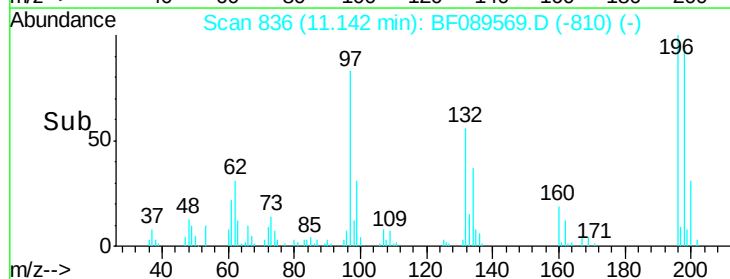
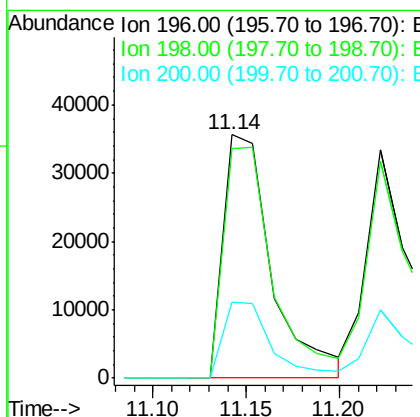
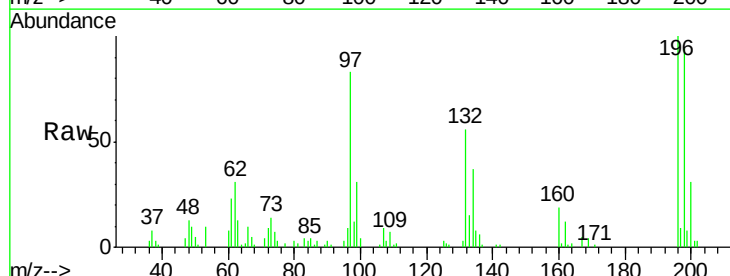
Instrument :
 BNA_F
 ClientSampled :

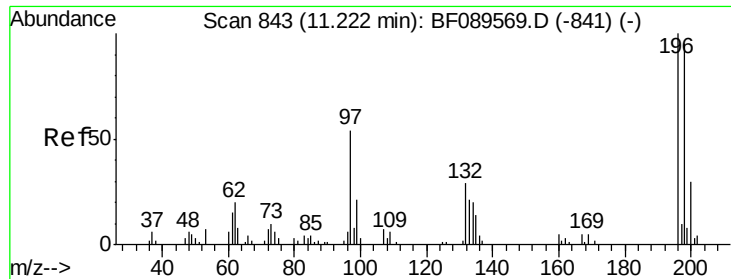
Tot Ion:330 Resp: 57008
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.7 115.1
 141 50.4 40.3 60.5



#42
 2,4,6-Trichlorophenol
 Concen: 40.63 ng
 RT: 11.14 min Scan# 836
 Delta R.T. 0.00 min
 Lab File: BF089569.D
 Acq: 3 Aug 2016 20:28

Tgt Ion:196 Resp: 64931
 Ion Ratio Lower Upper
 196 100
 198 94.4 75.5 113.3
 200 31.1 24.9 37.3

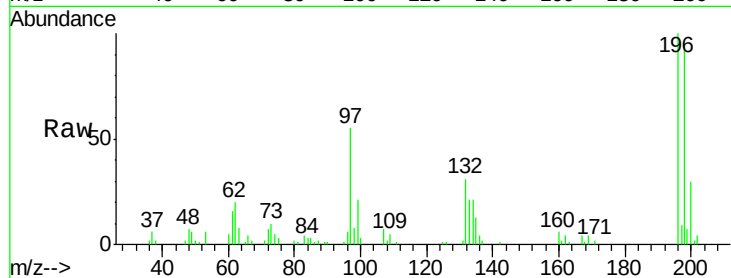




#43
 2,4,5-Trichlorophenol
 Concen: 40.32 ng
 RT: 11.22 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BF089569.D
 Acq: 3 Aug 2016 20:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	196	Resp	68894
Ion Ratio	Lower	Upper	
196	100		
198	94.9	75.9	113.9
97	54.9	43.9	65.9
132	30.6	24.5	36.7



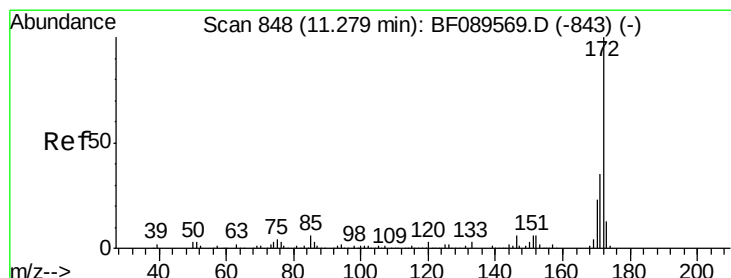
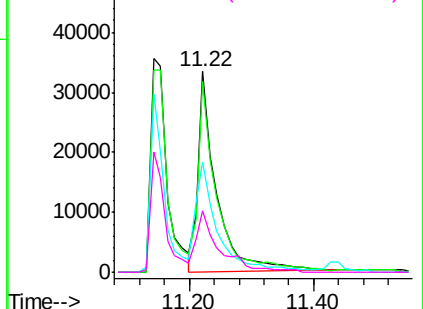
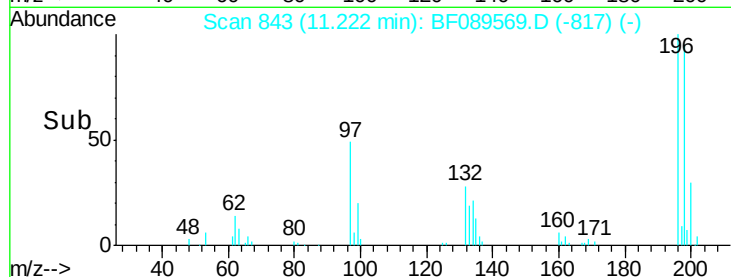
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

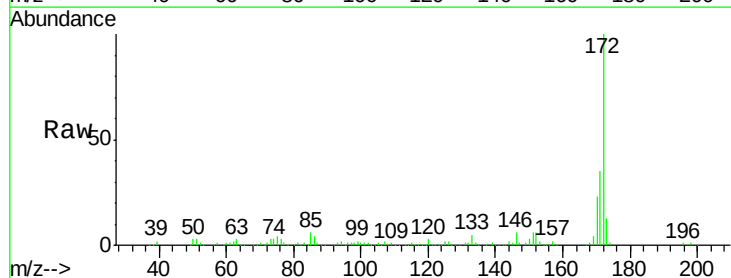
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 78.27 ng
 RT: 11.28 min Scan# 848
 Delta R.T. 0.00 min
 Lab File: BF089569.D
 Acq: 3 Aug 2016 20:28

Tgt Ion	172	Resp	522804
Ion Ratio	Lower	Upper	
172	100		
171	35.1	28.1	42.1
170	23.3	18.6	28.0

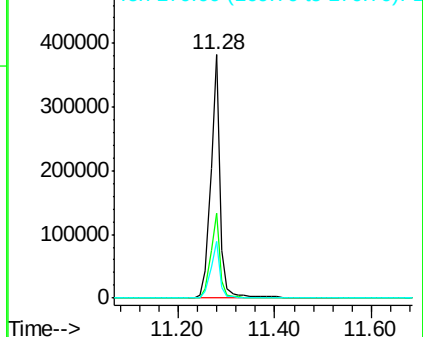
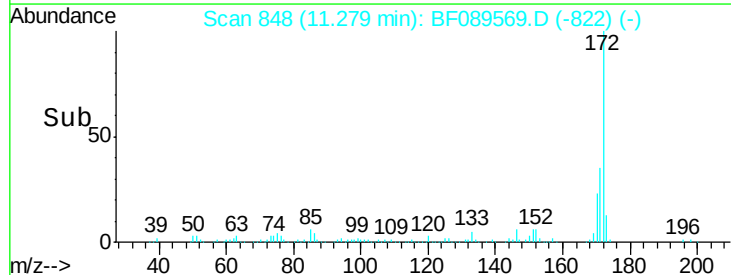


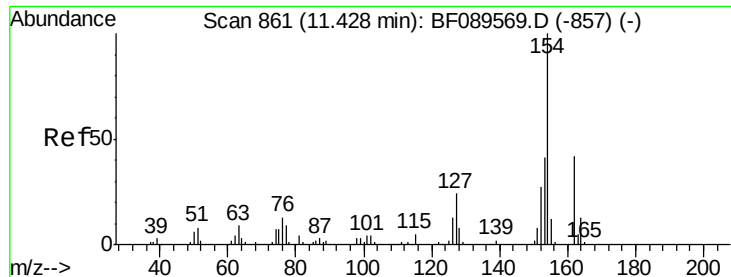
Abundance

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: 39.65 ng

RT: 11.43 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF089569.D

Acq: 3 Aug 2016 20:28

Instrument :

BNA_F

ClientSampleId :

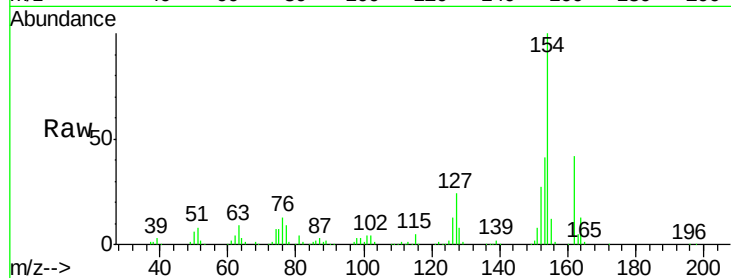
Tot Ion:154 Resp: 310602

Ion Ratio Lower Upper

154 100

153 40.6 20.6 60.6

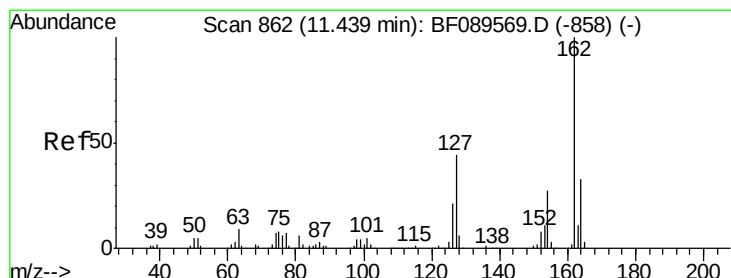
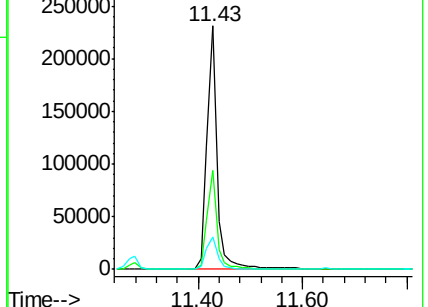
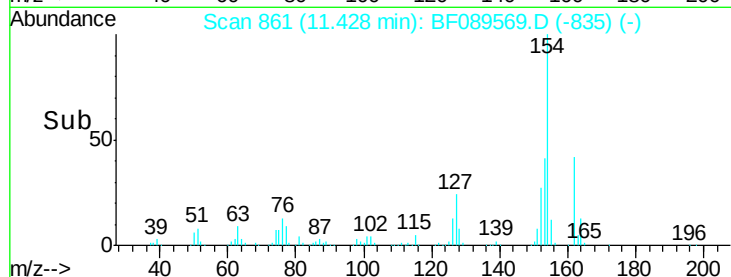
76 13.3 0.0 33.3



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: 40.23 ng

RT: 11.44 min Scan# 862

Delta R.T. 0.00 min

Lab File: BF089569.D

Acq: 3 Aug 2016 20:28

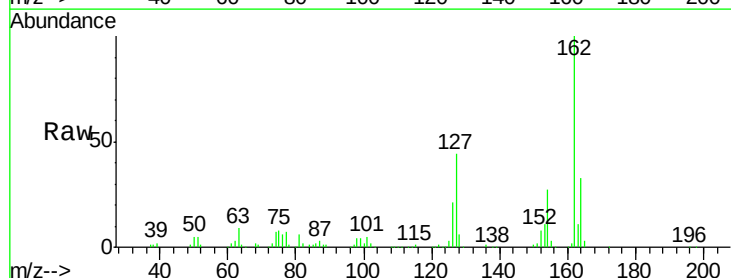
Tgt Ion:162 Resp: 236117

Ion Ratio Lower Upper

162 100

127 43.7 35.0 52.4

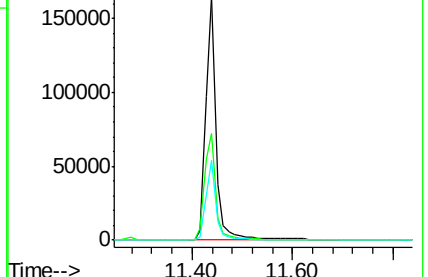
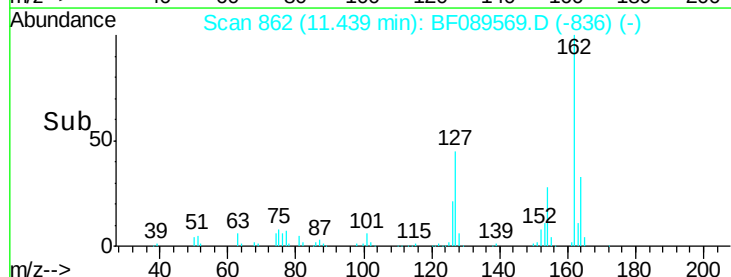
164 32.7 26.2 39.2

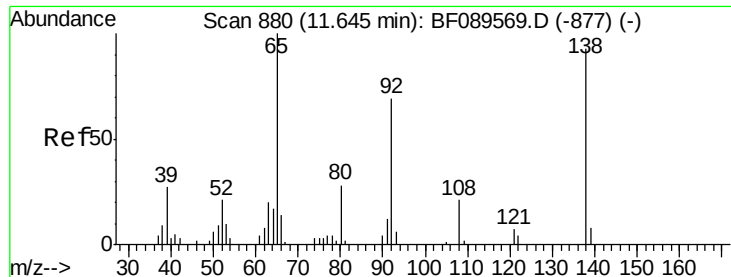


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

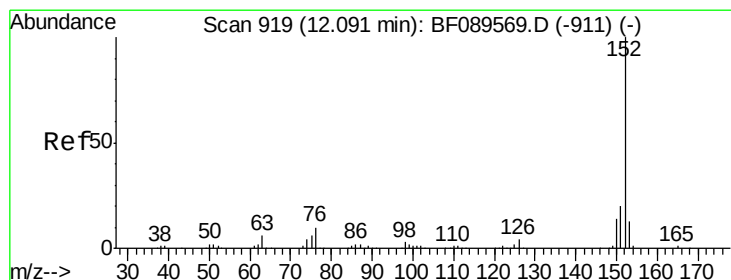
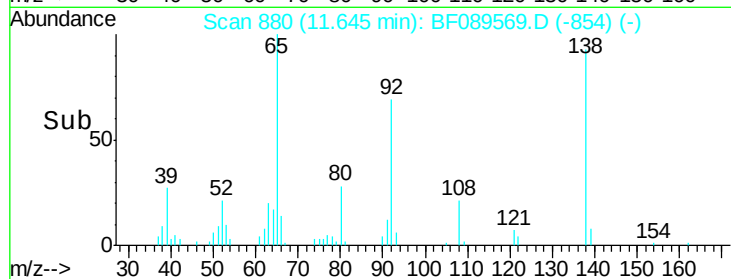
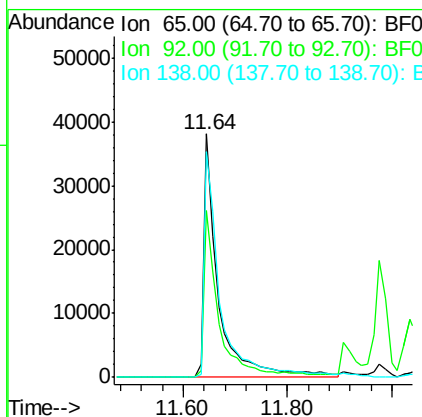
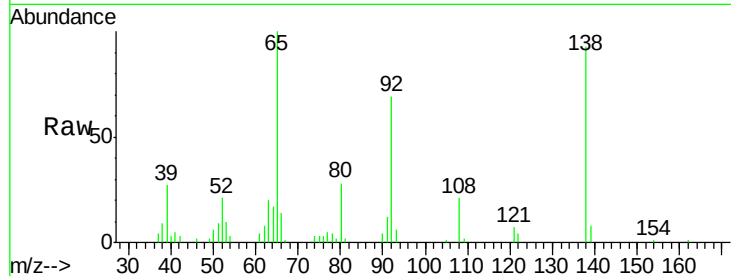




#47
2-Nitroaniline
Concen: 40.00 ng
RT: 11.64 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF089569.D
Acq: 3 Aug 2016 20:28

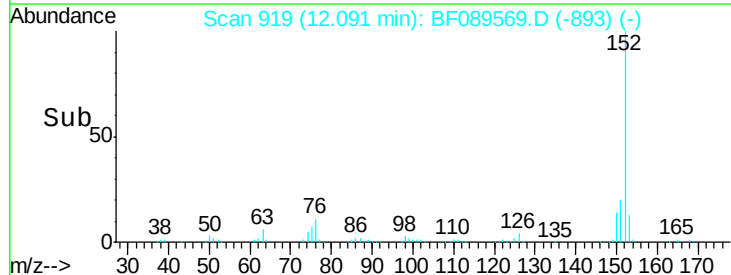
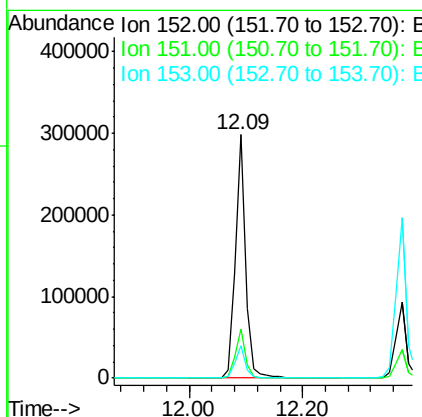
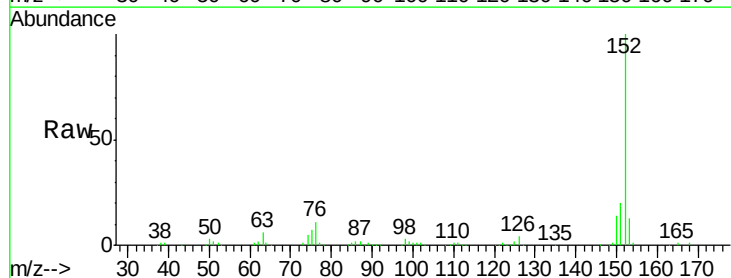
Instrument :
BNA_F
ClientSampled :

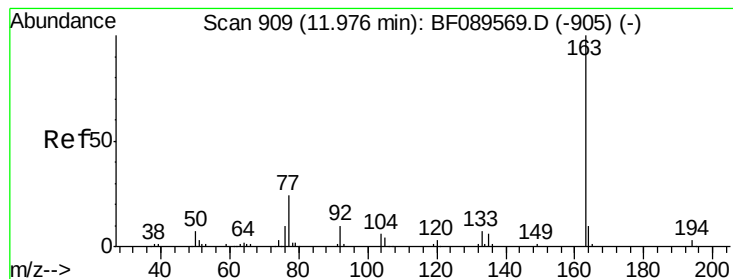
Tot Ion: 65 Resp: 74472
Ion Ratio Lower Upper
65 100
92 68.6 54.9 82.3
138 92.5 74.0 111.0



#48
Acenaphthylene
Concen: 39.17 ng
RT: 12.09 min Scan# 919
Delta R.T. 0.00 min
Lab File: BF089569.D
Acq: 3 Aug 2016 20:28

Tgt Ion: 152 Resp: 379077
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 13.2 10.6 15.8





#49

Dimethylphthalate

Concen: 38.65 ng

RT: 11.98 min Scan# 909

Delta R.T. 0.00 min

Lab File: BF089569.D

Acq: 3 Aug 2016 20:28

Instrument :

BNA_F

ClientSampleId :

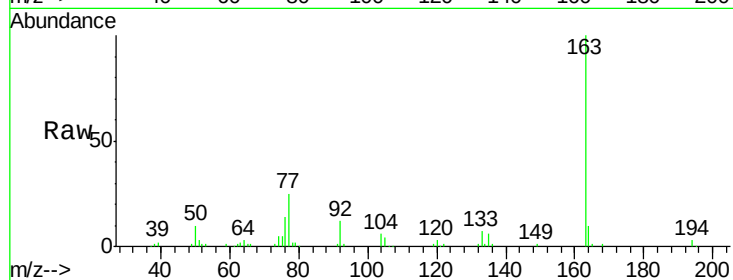
Tot Ion:163 Resp: 256831

Ion Ratio Lower Upper

163 100

194 3.0 2.4 3.6

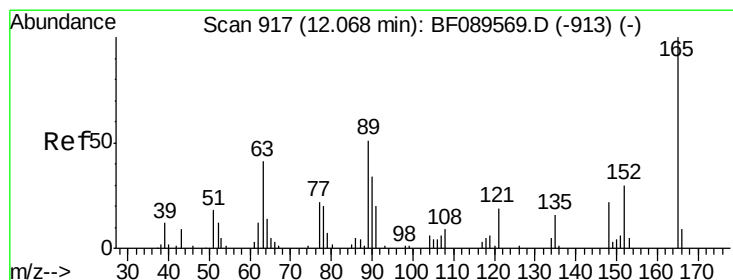
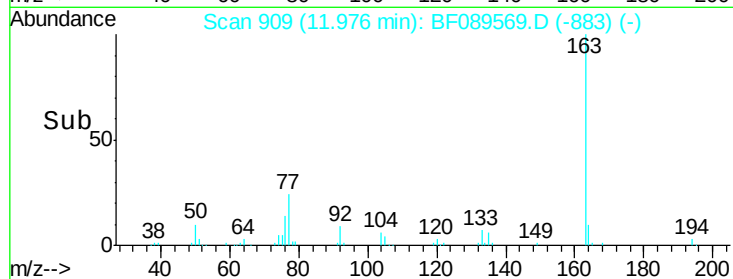
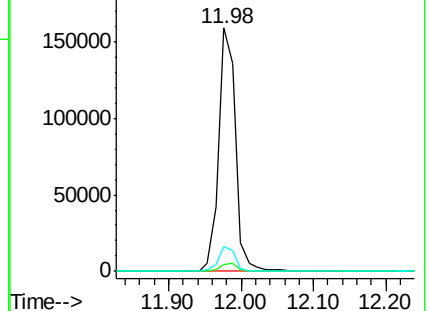
164 10.3 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 41.27 ng

RT: 12.07 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF089569.D

Acq: 3 Aug 2016 20:28

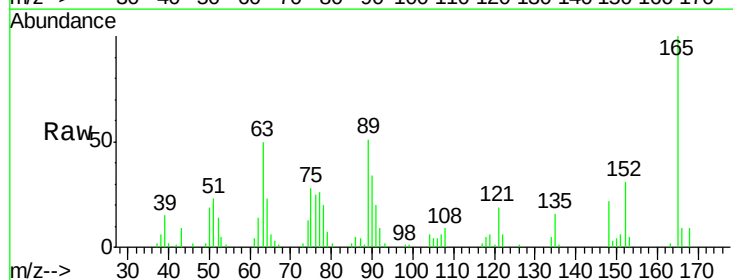
Tgt Ion:165 Resp: 54883

Ion Ratio Lower Upper

165 100

63 50.3 40.2 60.4

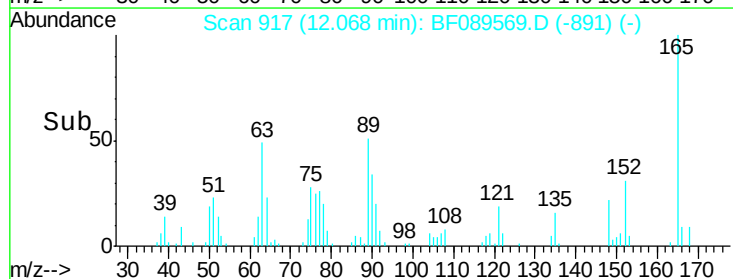
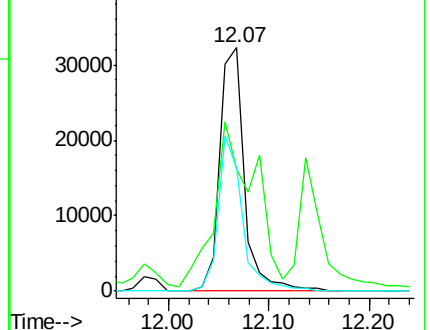
89 50.8 40.6 61.0

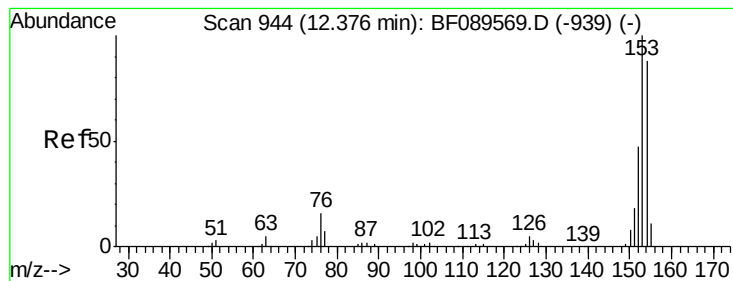


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.85 ng

RT: 12.38 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF089569.D

Acq: 3 Aug 2016 20:28

Instrument :

BNA_F

ClientSampleId :

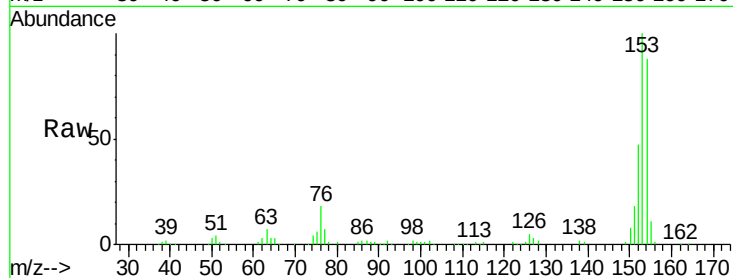
Tot Ion:154 Resp: 217951

Ion Ratio Lower Upper

154 100

153 114.0 91.2 136.8

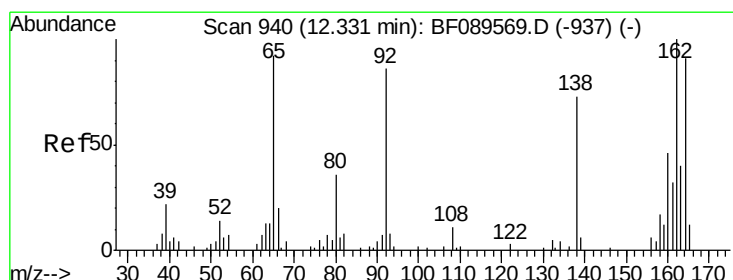
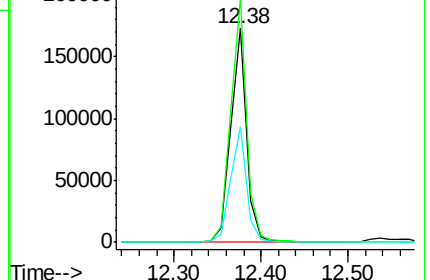
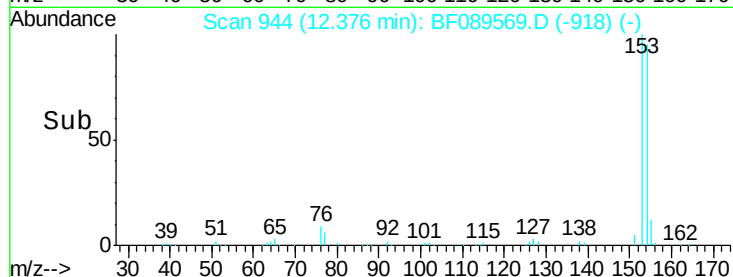
152 53.9 43.1 64.7



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: 39.95 ng

RT: 12.33 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF089569.D

Acq: 3 Aug 2016 20:28

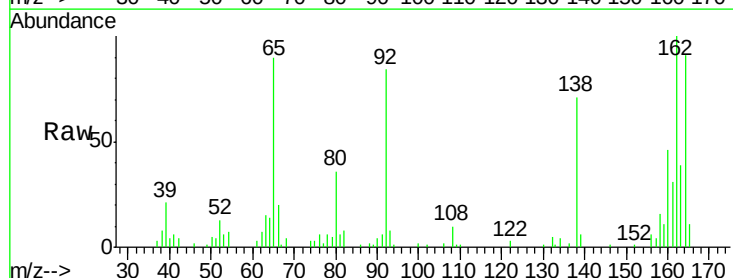
Tgt Ion:138 Resp: 62623

Ion Ratio Lower Upper

138 100

108 14.5 11.6 17.4

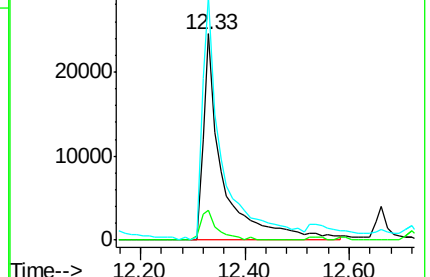
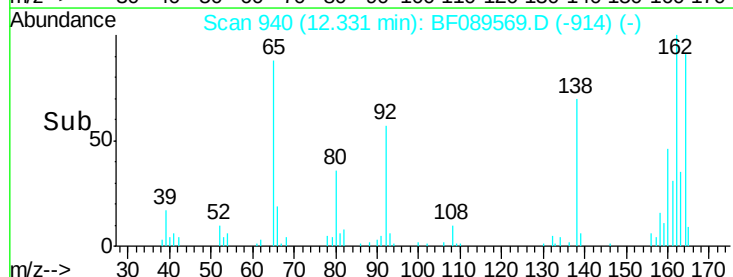
92 118.2 94.6 141.8

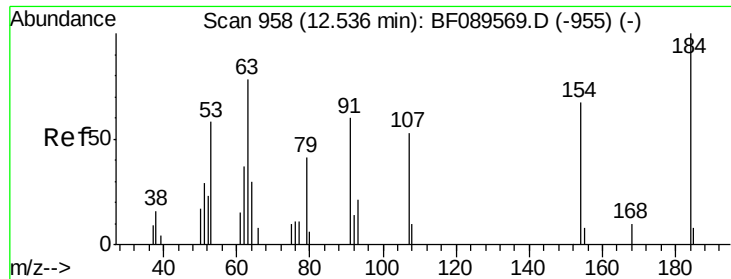


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

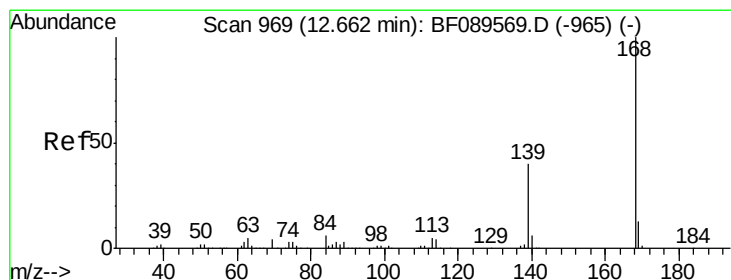
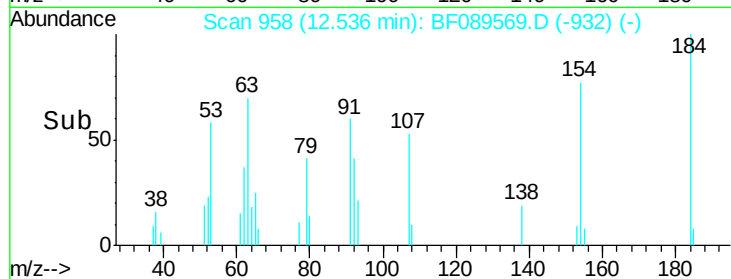
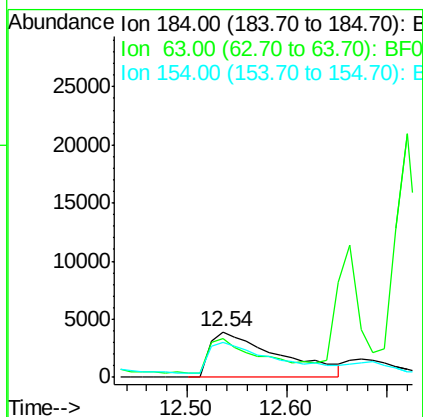
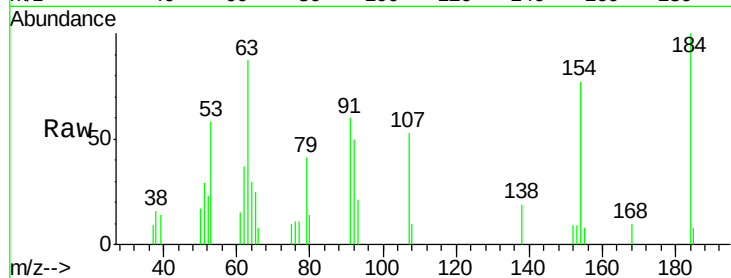




#53
 2,4-Dinitrophenol
 Concen: 39.30 ng
 RT: 12.54 min Scan# 958
 Delta R.T. 0.00 min
 Lab File: BF089569.D
 Acq: 3 Aug 2016 20:28

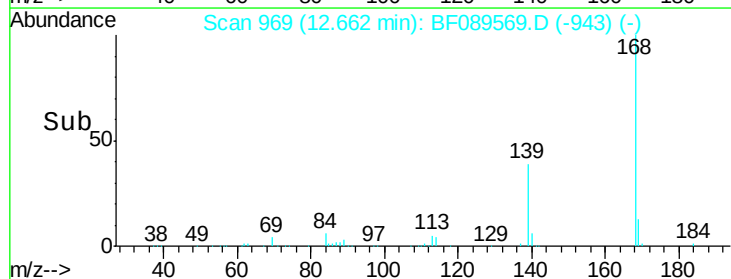
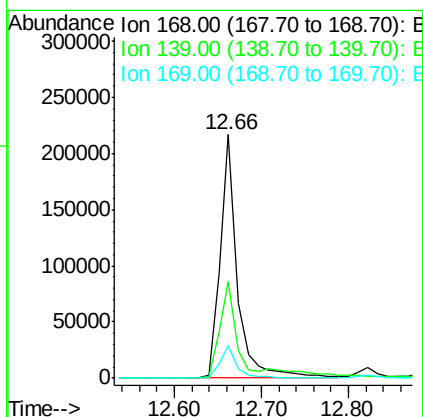
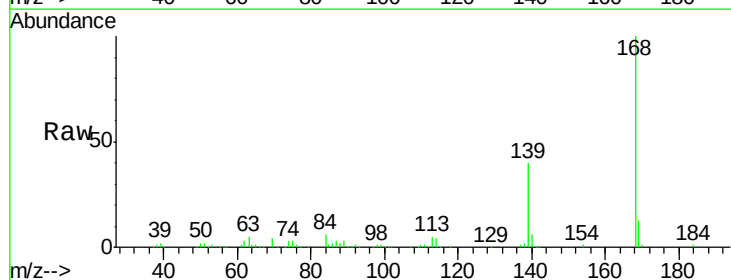
Instrument :
 BNA_F
 ClientSampled :

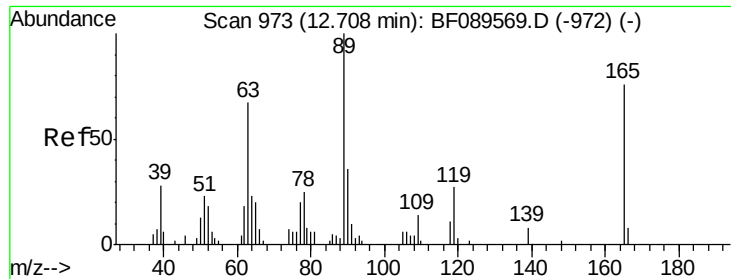
Tot Ion:184 Resp: 18392
 Ion Ratio Lower Upper
 184 100
 63 86.9 69.5 104.3
 154 77.2 61.8 92.6



#54
 Dibenzofuran
 Concen: 39.51 ng
 RT: 12.66 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: BF089569.D
 Acq: 3 Aug 2016 20:28

Tgt Ion:168 Resp: 301622
 Ion Ratio Lower Upper
 168 100
 139 39.8 31.8 47.8
 169 13.3 10.6 16.0

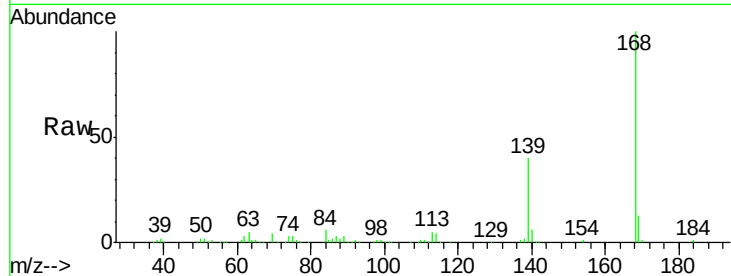




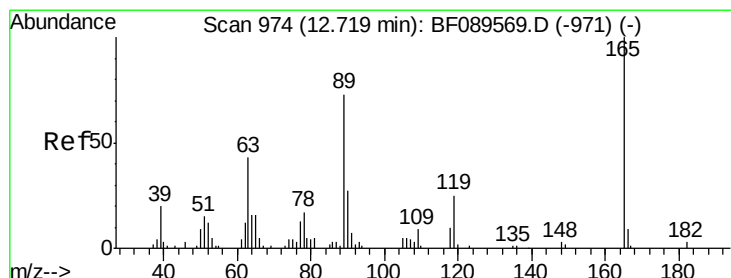
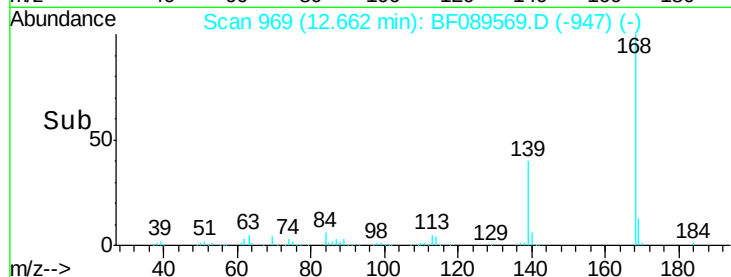
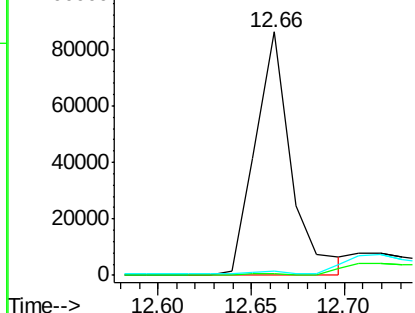
#55
4-Nitrophenol
Concen: 134.15 ng
RT: 12.66 min Scan# 969
Delta R.T. -0.05 min
Lab File: BF089569.D
Acq: 3 Aug 2016 20:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 115232
Ion Ratio Lower Upper
139 100
109 0.9 35.2 75.2#
65 1.9 66.4 106.4#

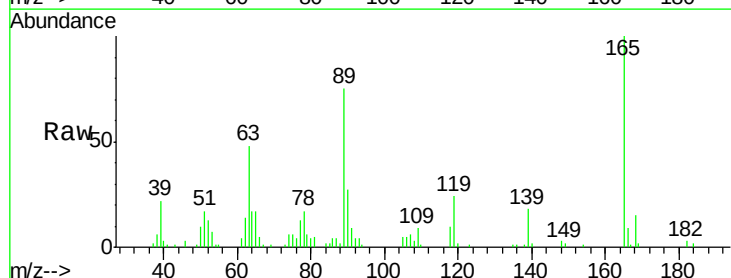


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

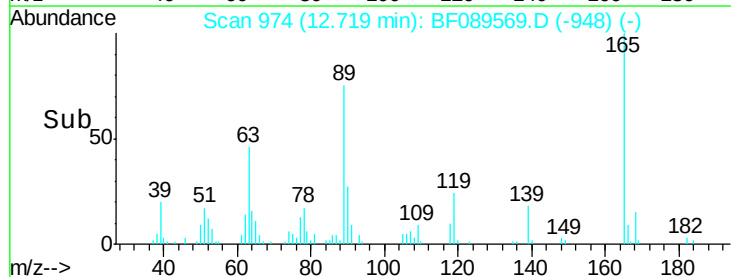
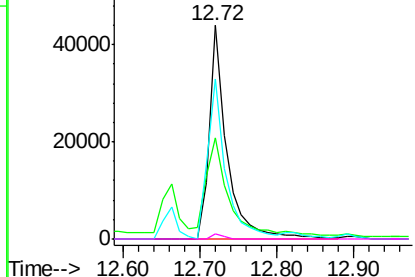


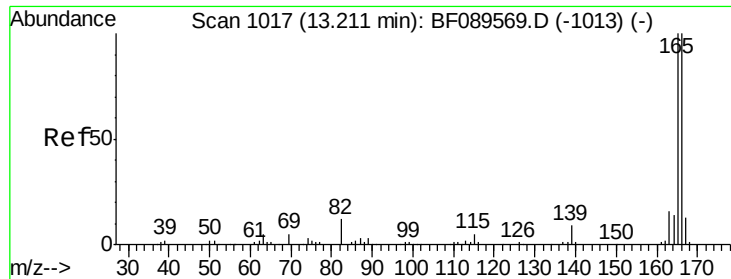
#56
2,4-Dinitrotoluene
Concen: 39.25 ng
RT: 12.72 min Scan# 974
Delta R.T. 0.00 min
Lab File: BF089569.D
Acq: 3 Aug 2016 20:28

Tgt Ion:165 Resp: 70148
Ion Ratio Lower Upper
165 100
63 47.7 38.2 57.2
89 74.7 59.8 89.6
182 2.5 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

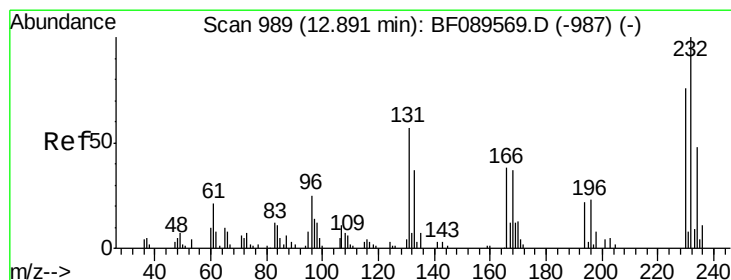
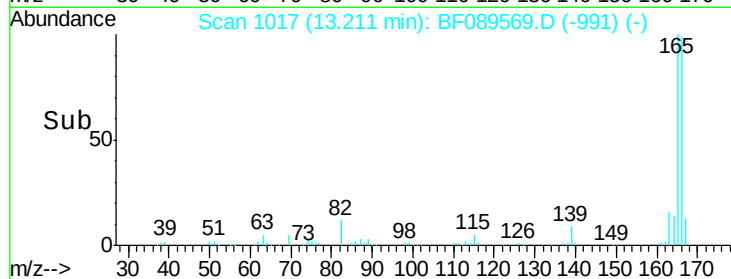
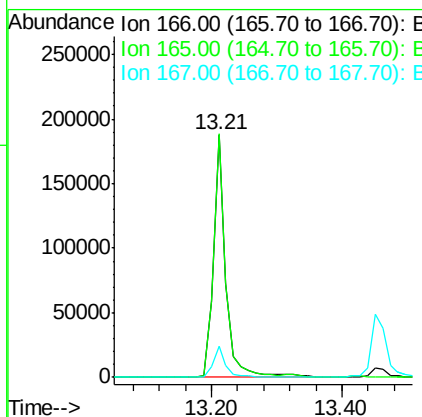
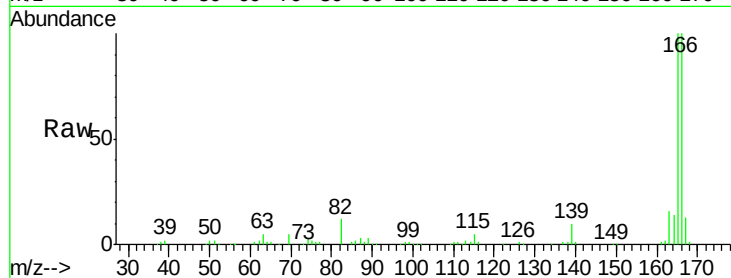




#57
Fluorene
 Concen: 38.99 ng
 RT: 13.21 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BF089569.D
 Acq: 3 Aug 2016 20:28

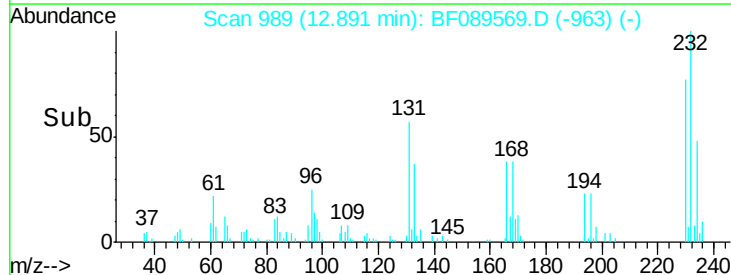
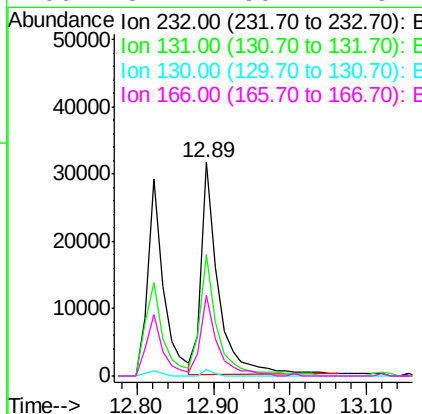
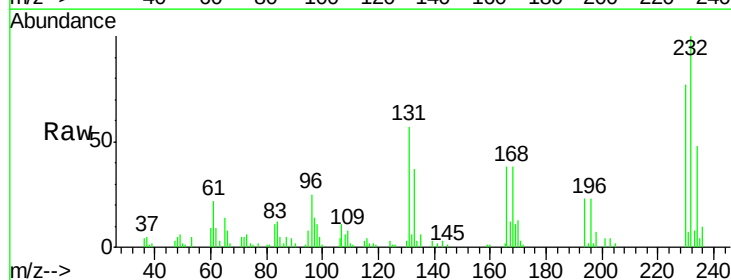
Instrument :
 BNA_F
 ClientSampled :

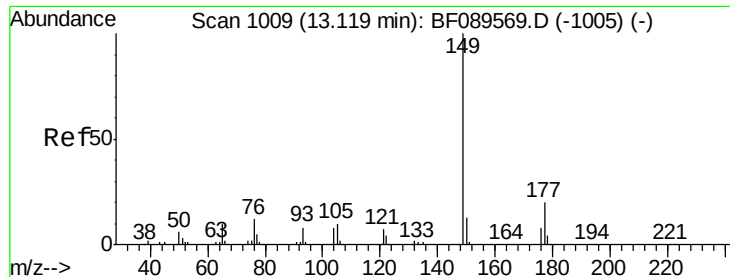
Tot Ion:166 Resp: 253231
 Ion Ratio Lower Upper
 166 100
 165 100.2 80.2 120.2
 167 13.0 10.4 15.6



#58
2,3,4,6-Tetrachlorophenol
 Concen: 40.17 ng
 RT: 12.89 min Scan# 989
 Delta R.T. 0.00 min
 Lab File: BF089569.D
 Acq: 3 Aug 2016 20:28

Tgt Ion:232 Resp: 48462
 Ion Ratio Lower Upper
 232 100
 131 59.9 47.9 71.9
 130 2.1 1.7 2.5
 166 37.7 30.2 45.2

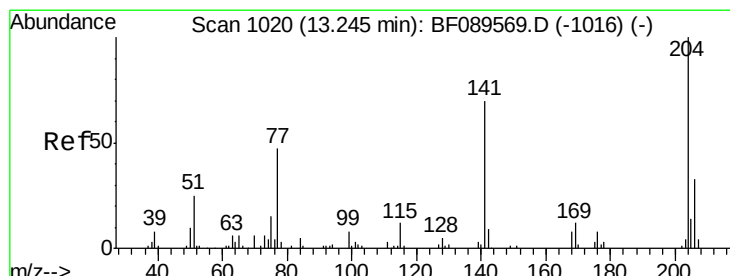
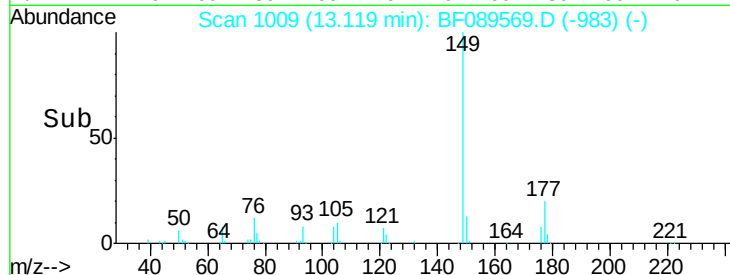
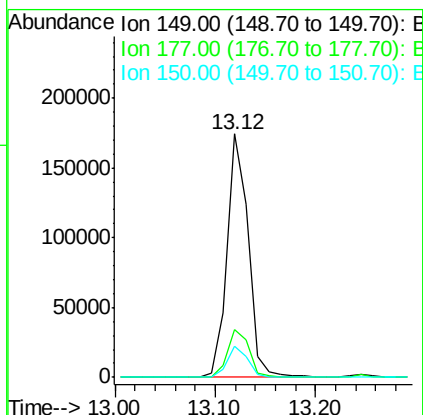
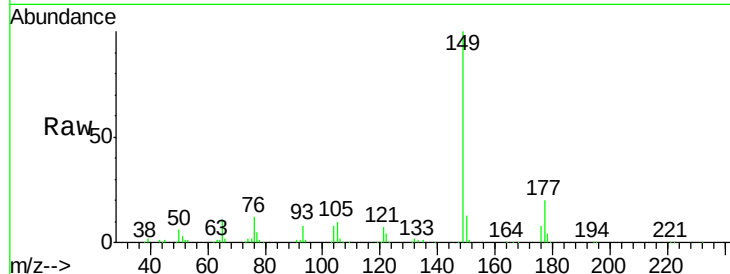




#59
Diethylphthalate
Concen: 37.92 ng
RT: 13.12 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF089569.D
Acq: 3 Aug 2016 20:28

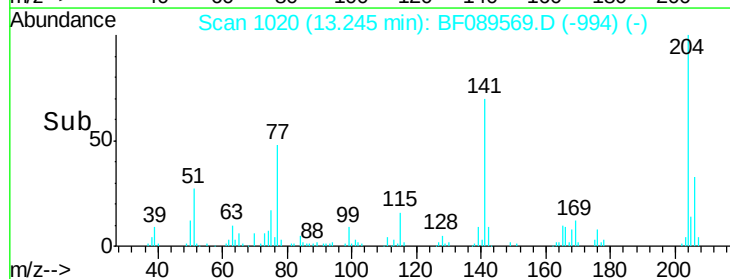
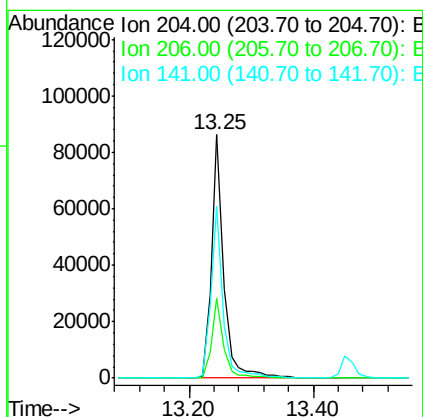
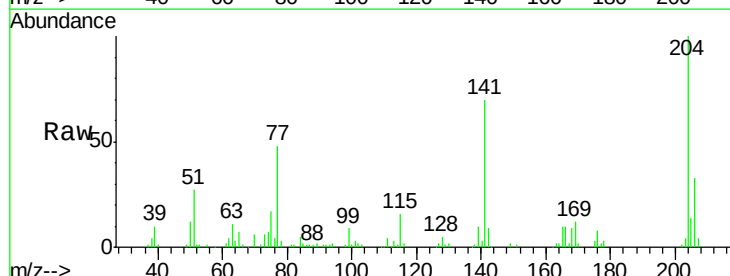
Instrument :
BNA_F
ClientSampleId :

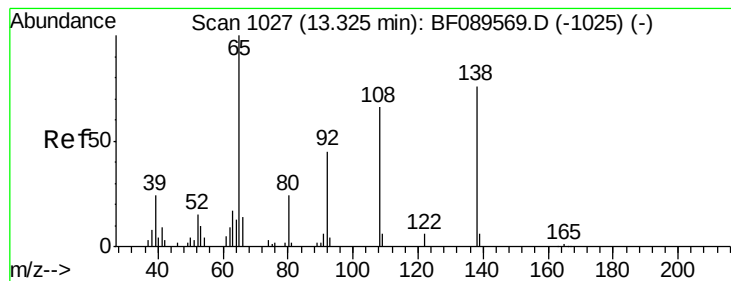
Tot Ion:149 Resp: 255317
Ion Ratio Lower Upper
149 100
177 19.8 15.8 23.8
150 12.6 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 40.07 ng
RT: 13.25 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF089569.D
Acq: 3 Aug 2016 20:28

Tgt Ion:204 Resp: 116943
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.2
141 70.4 56.3 84.5





#61

4-Nitroaniline

Concen: 39.88 ng

RT: 13.33 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BF089569.D

Acq: 3 Aug 2016 20:28

Instrument :

BNA_F

ClientSampleId :

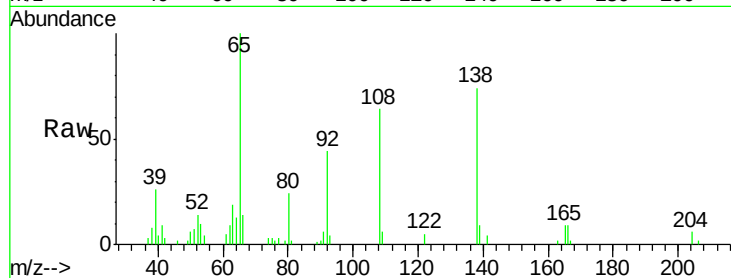
Tot Ion:138 Resp: 54783

Ion Ratio Lower Upper

138 100

92 59.5 39.5 79.5

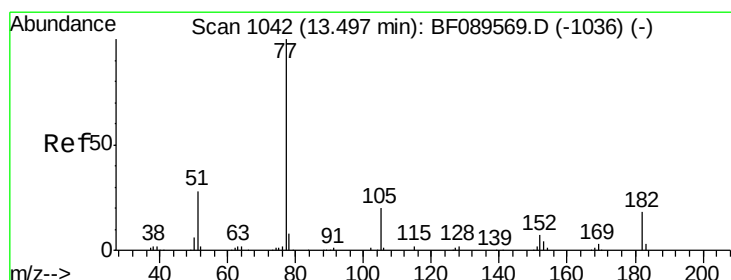
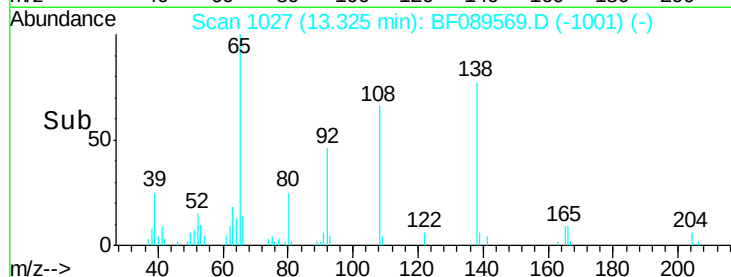
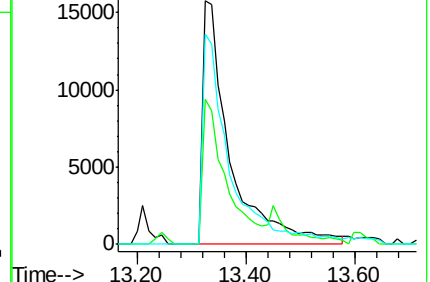
108 86.4 66.4 106.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 38.87 ng

RT: 13.50 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BF089569.D

Acq: 3 Aug 2016 20:28

Tgt Ion: 77 Resp: 268431

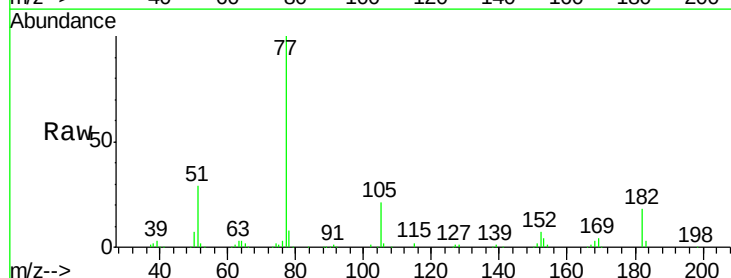
Ion Ratio Lower Upper

77 100

182 18.0 0.0 38.0

105 20.6 0.6 40.6

51 29.1 9.1 49.1

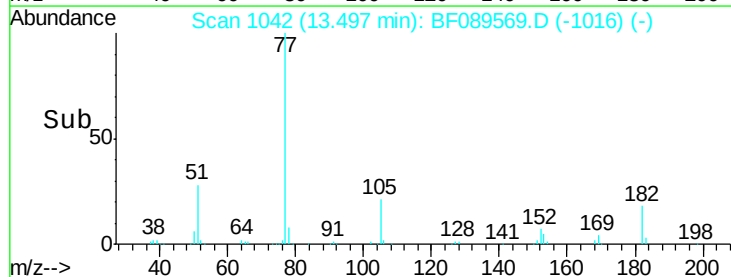
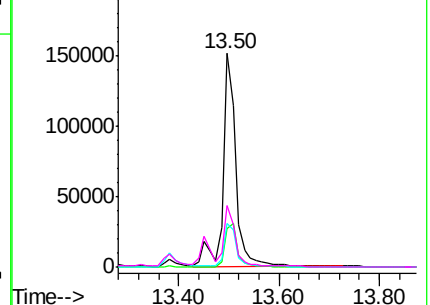


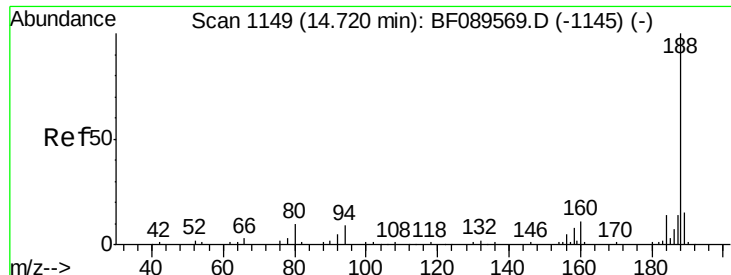
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

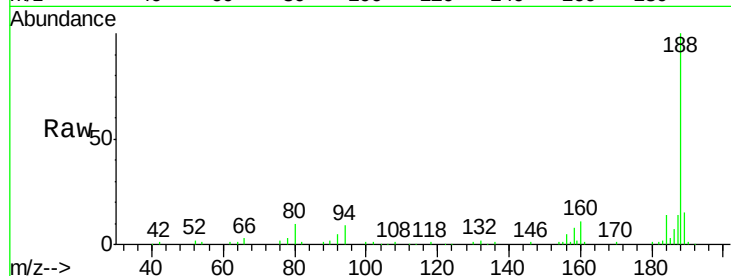




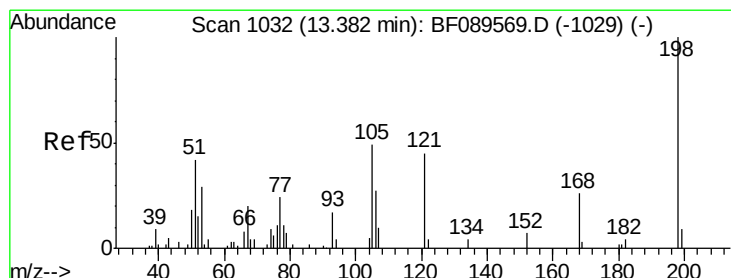
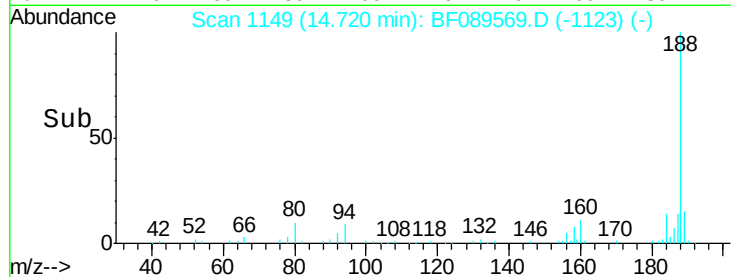
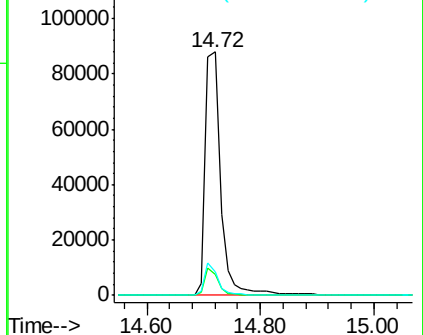
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.72 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: BF089569.D
 Acq: 3 Aug 2016 20:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 160844
 Ion Ratio Lower Upper
 188 100
 94 8.7 7.0 10.4
 80 9.6 7.7 11.5

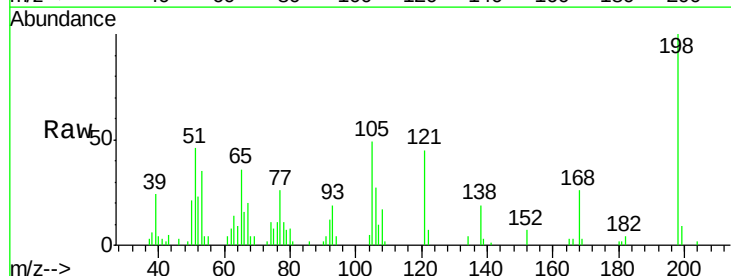


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

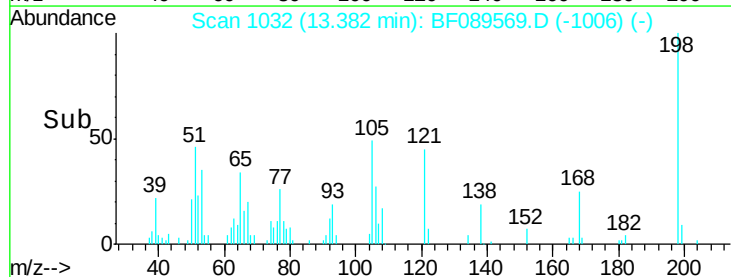
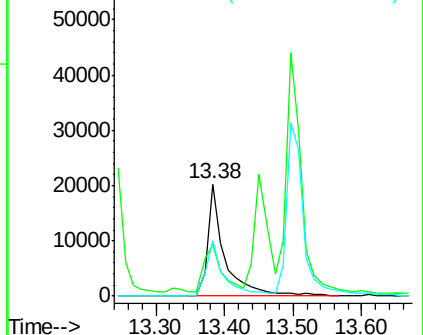


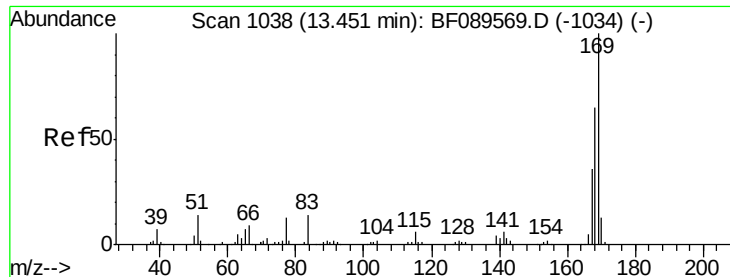
#64
 4,6-Dinitro-2-methylphenol
 Concen: 37.94 ng
 RT: 13.38 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BF089569.D
 Acq: 3 Aug 2016 20:28

Tgt Ion:198 Resp: 35505
 Ion Ratio Lower Upper
 198 100
 51 46.0 26.0 66.0
 105 49.1 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: 39.02 ng

RT: 13.45 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF089569.D

Acq: 3 Aug 2016 20:28

Instrument :

BNA_F

ClientSampleId :

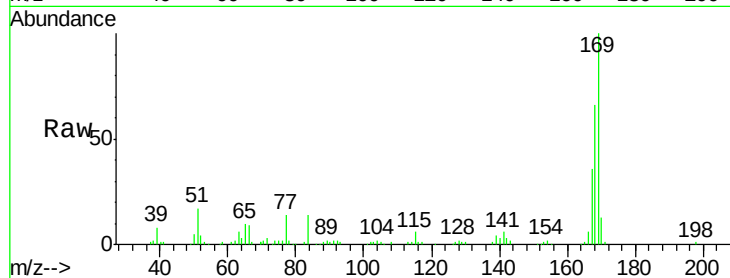
Tot Ion:169 Resp: 213860

Ion Ratio Lower Upper

169 100

168 66.2 53.0 79.4

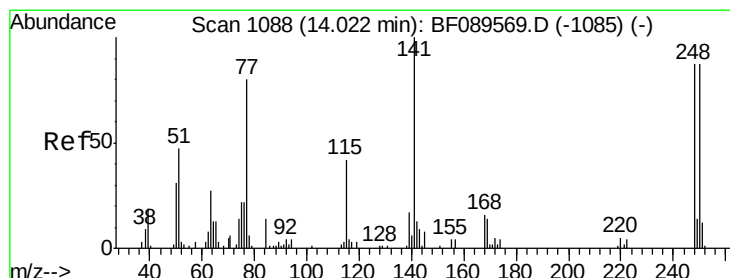
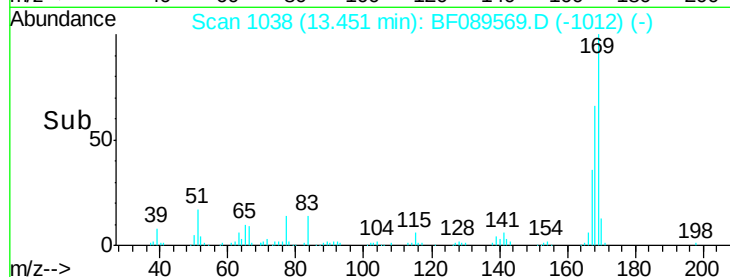
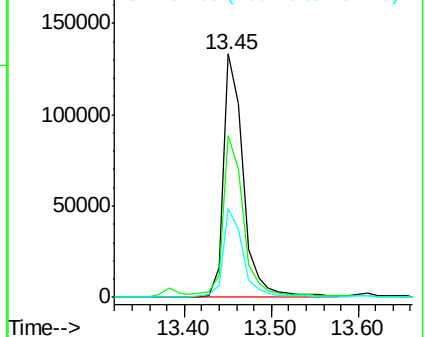
167 36.4 29.1 43.7



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.19 ng

RT: 14.02 min Scan# 1088

Delta R.T. 0.00 min

Lab File: BF089569.D

Acq: 3 Aug 2016 20:28

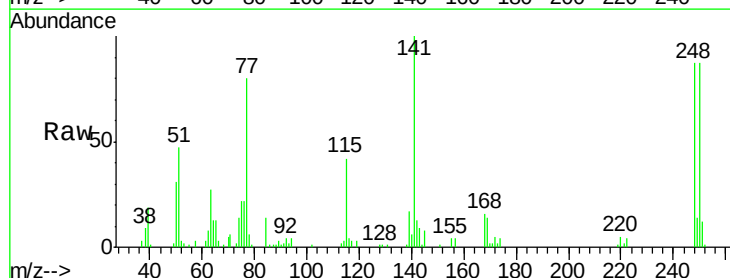
Tgt Ion:248 Resp: 63152

Ion Ratio Lower Upper

248 100

250 99.7 79.8 119.6

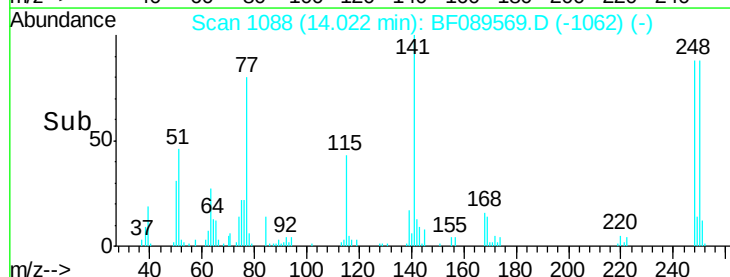
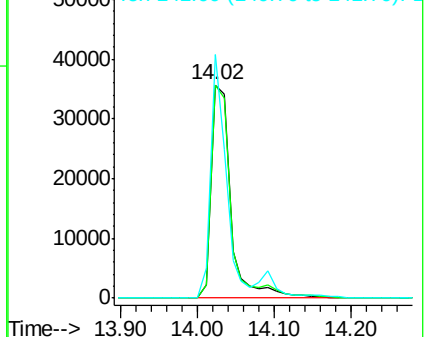
141 114.4 91.5 137.3

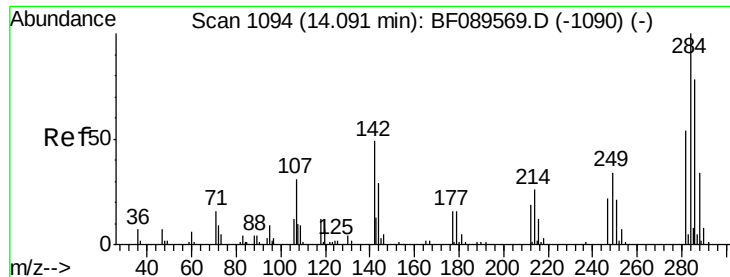


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

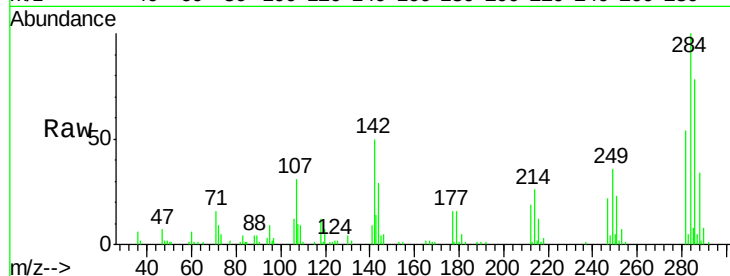




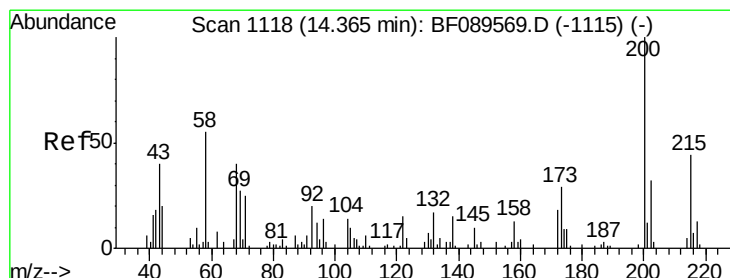
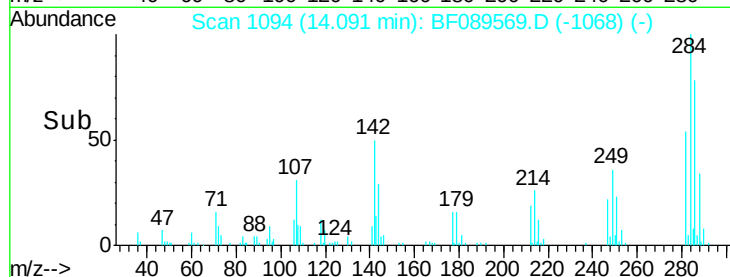
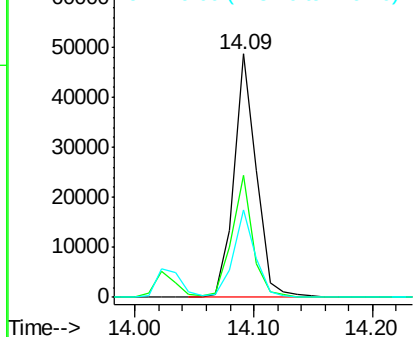
#67
Hexachlorobenzene
Concen: 37.57 ng
RT: 14.09 min Scan# 1094
Delta R.T. 0.00 min
Lab File: BF089569.D
Acq: 3 Aug 2016 20:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 63849
Ion Ratio Lower Upper
284 100
142 50.3 40.2 60.4
249 36.1 28.9 43.3

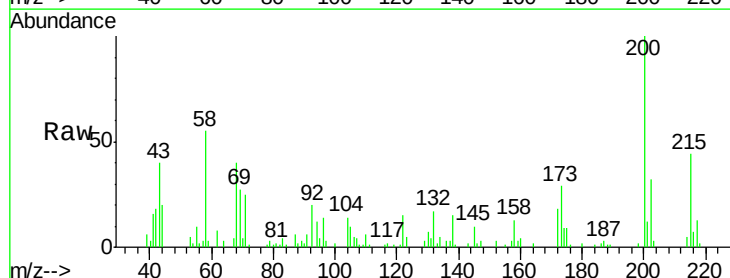


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

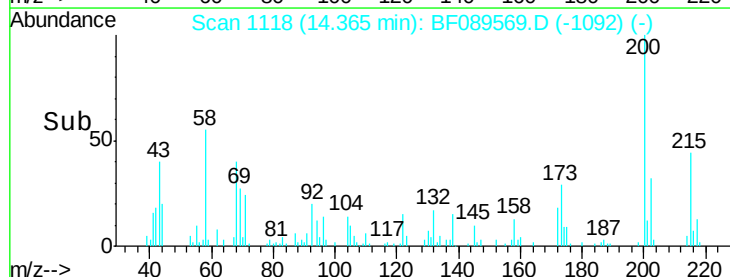
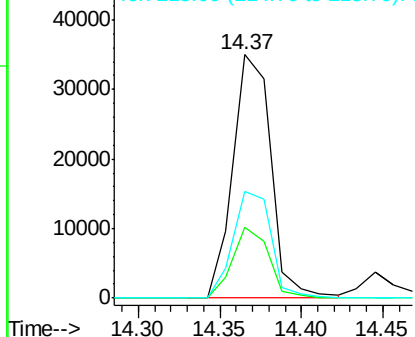


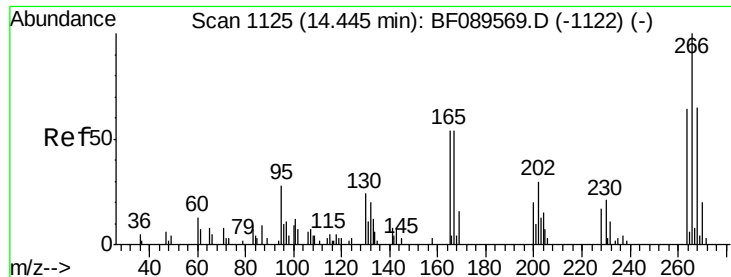
#68
Atrazine
Concen: 39.87 ng
RT: 14.37 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BF089569.D
Acq: 3 Aug 2016 20:28

Tgt Ion:200 Resp: 56539
Ion Ratio Lower Upper
200 100
173 29.1 9.1 49.1
215 43.6 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

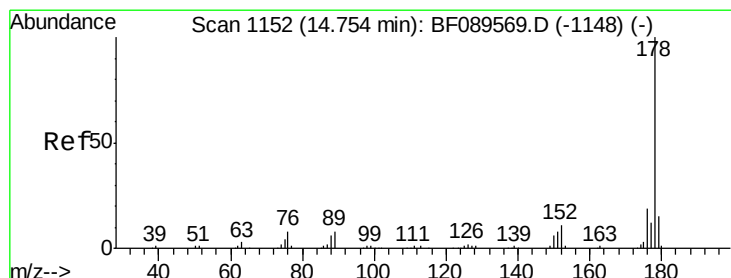
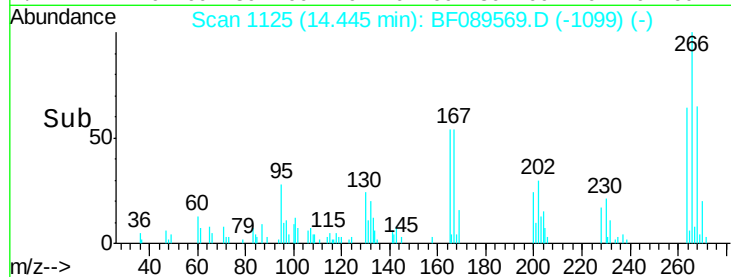
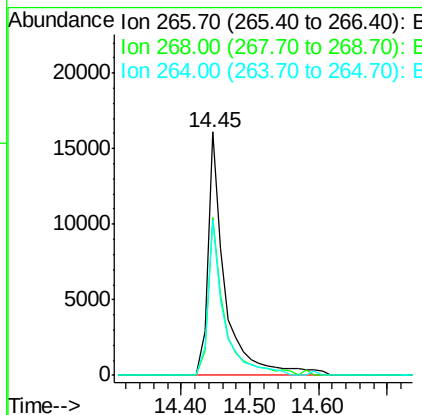
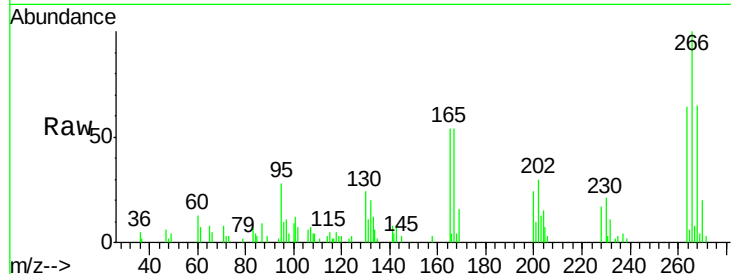




#69
 Pentachlorophenol
 Concen: 44.02 ng
 RT: 14.45 min Scan# 1125
 Delta R.T. 0.00 min
 Lab File: BF089569.D
 Acq: 3 Aug 2016 20:28

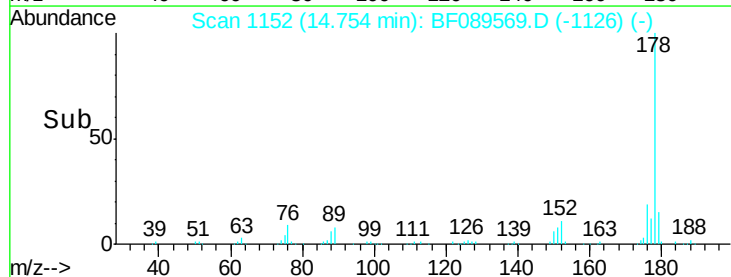
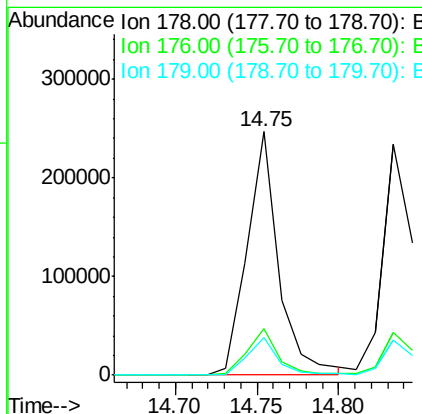
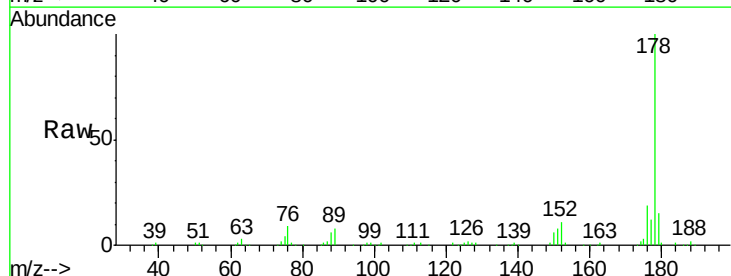
Instrument :
 BNA_F
 ClientSampleId :

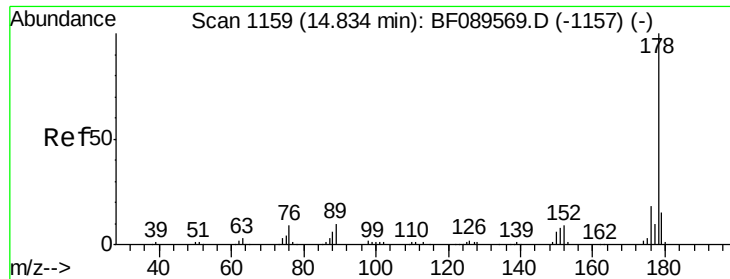
Tot Ion:266 Resp: 27892
 Ion Ratio Lower Upper
 266 100
 268 64.7 51.8 77.6
 264 64.0 51.2 76.8



#70
 Phenanthrene
 Concen: 38.66 ng
 RT: 14.75 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BF089569.D
 Acq: 3 Aug 2016 20:28

Tgt Ion:178 Resp: 332156
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.2 22.8
 179 15.3 12.2 18.4

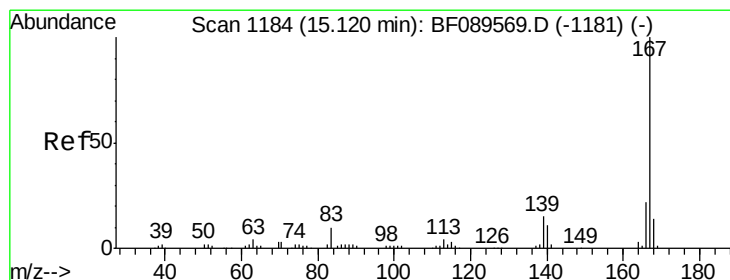
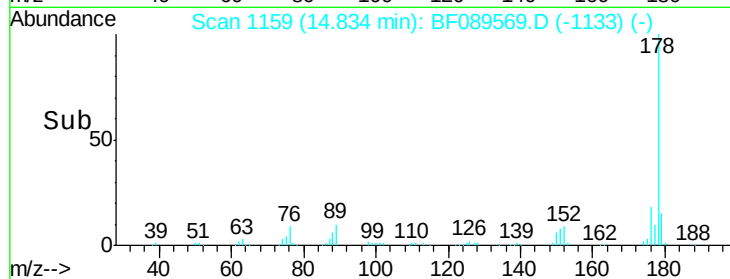
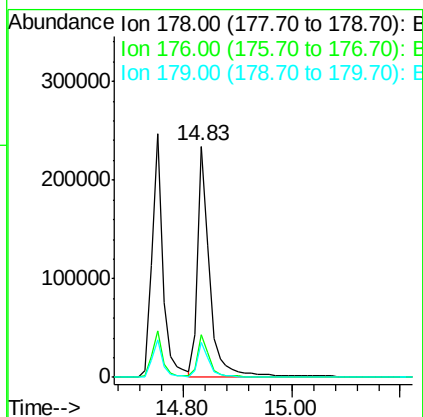
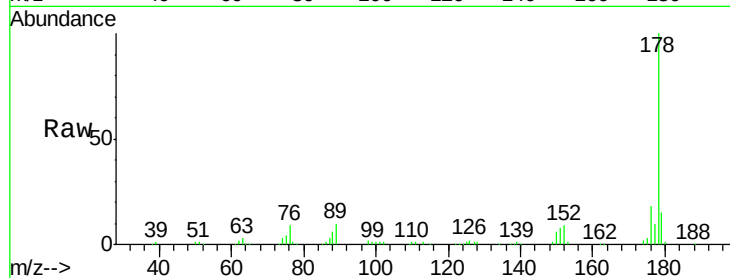




#71
 Anthracene
 Concen: 37.66 ng
 RT: 14.83 min Scan# 1159
 Delta R.T. 0.00 min
 Lab File: BF089569.D
 Acq: 3 Aug 2016 20:28

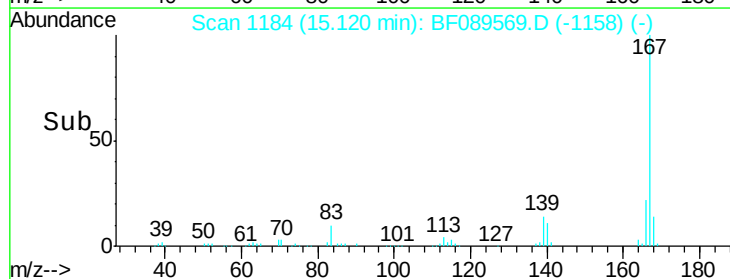
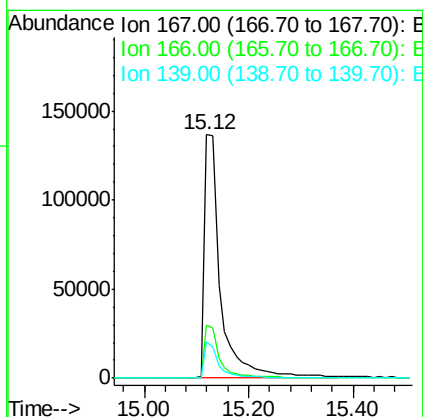
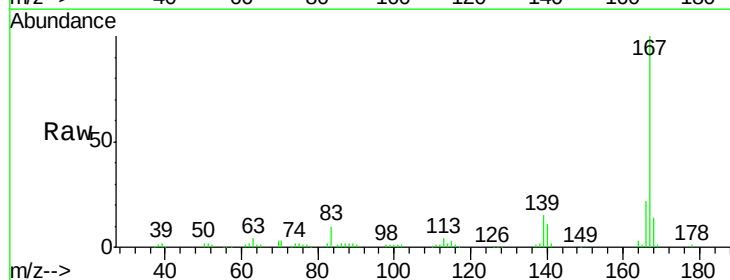
Instrument :
 BNA_F
 ClientSampleId :

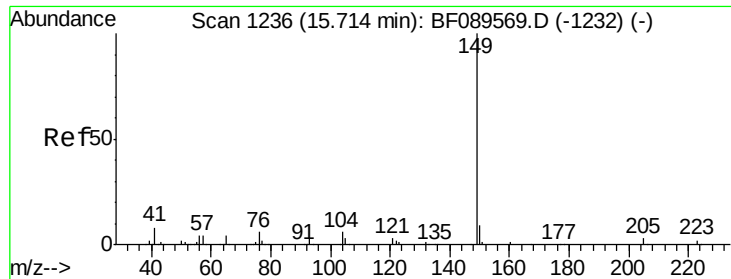
Tot Ion:178 Resp: 353779
 Ion Ratio Lower Upper
 178 100
 176 18.4 14.7 22.1
 179 15.2 12.2 18.2



#72
 Carbazole
 Concen: 39.08 ng
 RT: 15.12 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF089569.D
 Acq: 3 Aug 2016 20:28

Tgt Ion:167 Resp: 296964
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.5 26.3
 139 14.7 11.8 17.6





#73

Di-n-butylphthalate

Concen: 37.83 ng

RT: 15.71 min Scan# 1236

Delta R.T. 0.00 min

Lab File: BF089569.D

Acq: 3 Aug 2016 20:28

Instrument :

BNA_F

ClientSampleId :

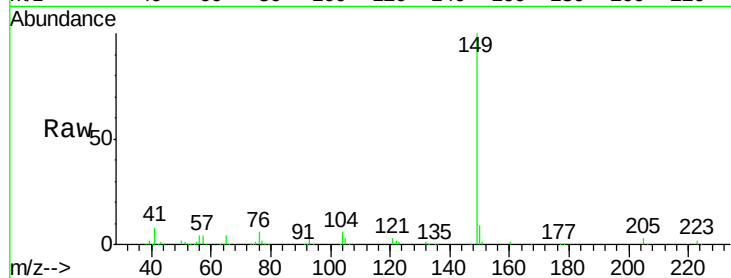
Tot Ion:149 Resp: 367625

Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

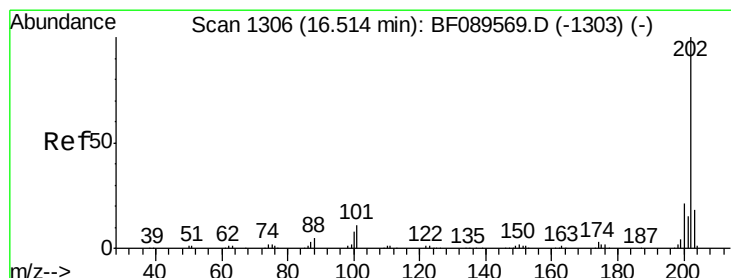
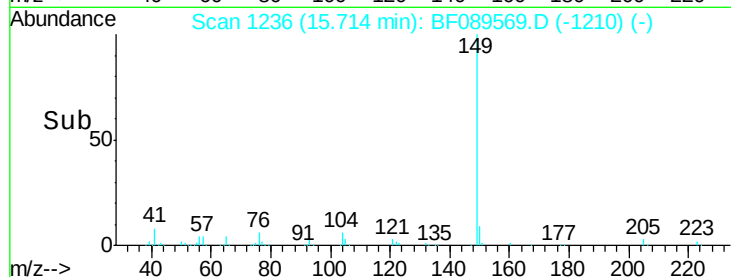
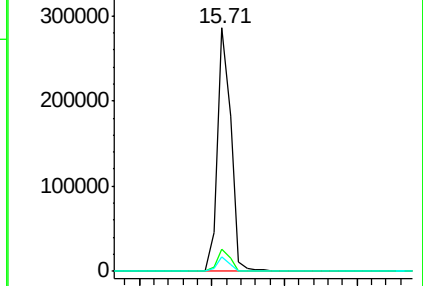
104 5.8 4.6 7.0



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: 37.92 ng

RT: 16.51 min Scan# 1306

Delta R.T. 0.00 min

Lab File: BF089569.D

Acq: 3 Aug 2016 20:28

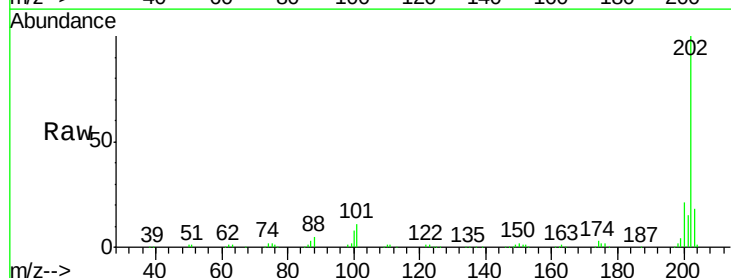
Tgt Ion:202 Resp: 329764

Ion Ratio Lower Upper

202 100

101 11.0 0.0 31.0

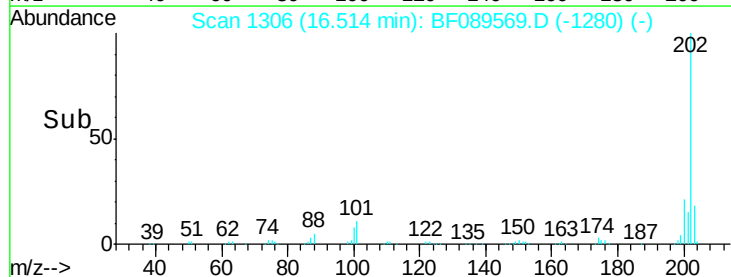
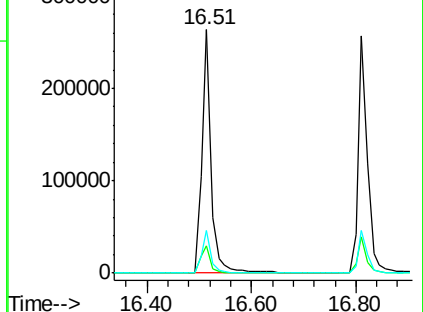
203 17.7 0.0 37.7

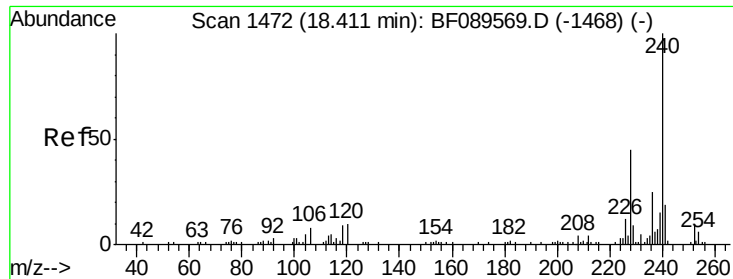


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

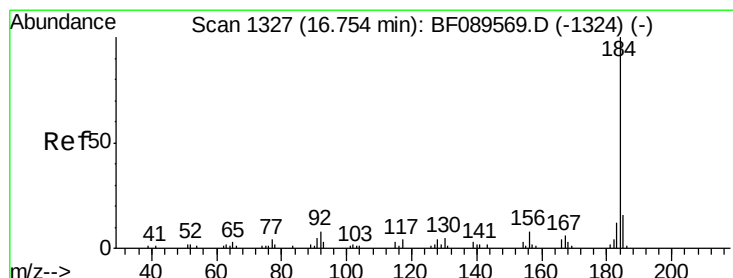
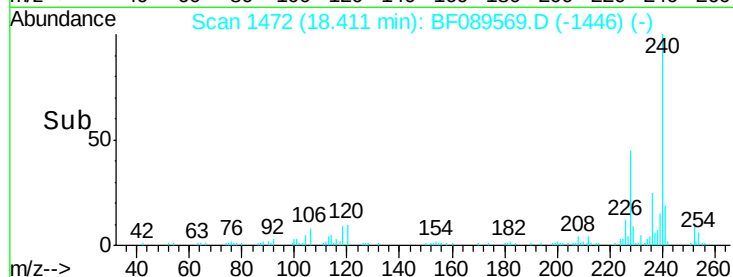
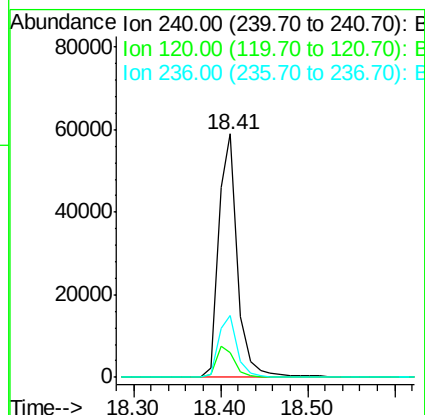
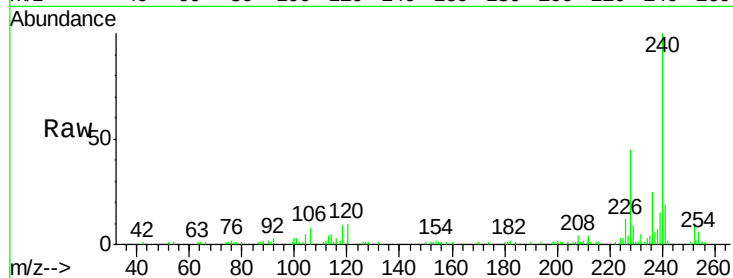




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.41 min Scan# 1472
 Delta R.T. 0.00 min
 Lab File: BF089569.D
 Acq: 3 Aug 2016 20:28

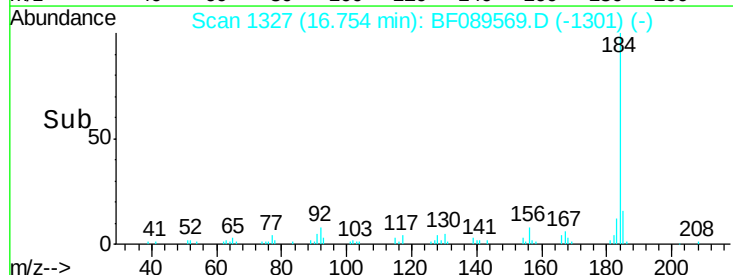
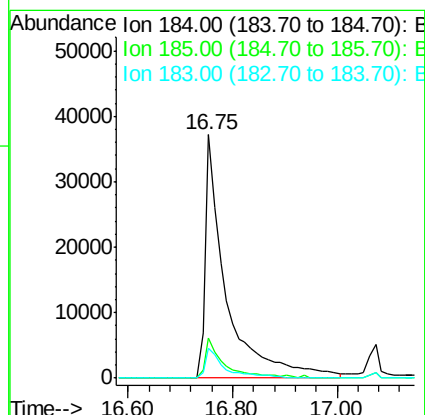
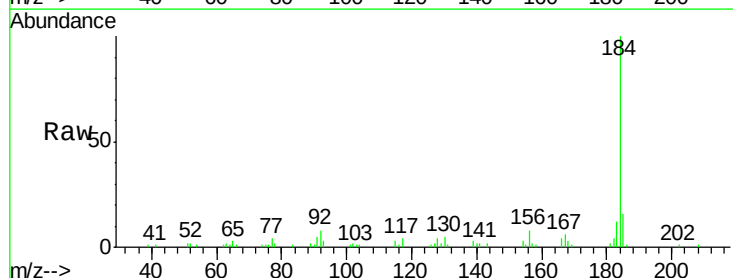
Instrument :
 BNA_F
 ClientSampleId :

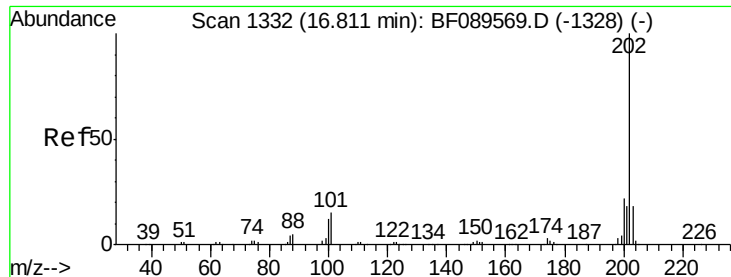
Tot Ion:240 Resp: 89559
 Ion Ratio Lower Upper
 240 100
 120 10.2 8.2 12.2
 236 25.4 20.3 30.5



#76
 Benzidine
 Concen: 42.50 ng
 RT: 16.75 min Scan# 1327
 Delta R.T. 0.00 min
 Lab File: BF089569.D
 Acq: 3 Aug 2016 20:28

Tgt Ion:184 Resp: 103804
 Ion Ratio Lower Upper
 184 100
 185 16.4 13.1 19.7
 183 12.0 9.6 14.4

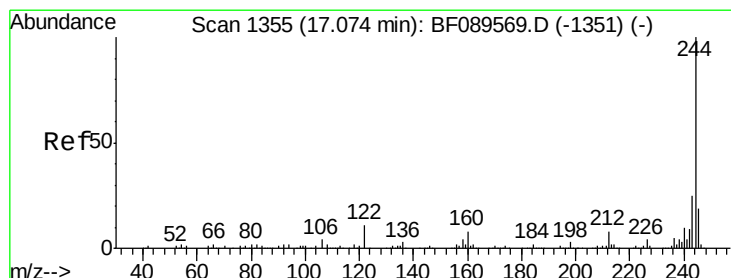
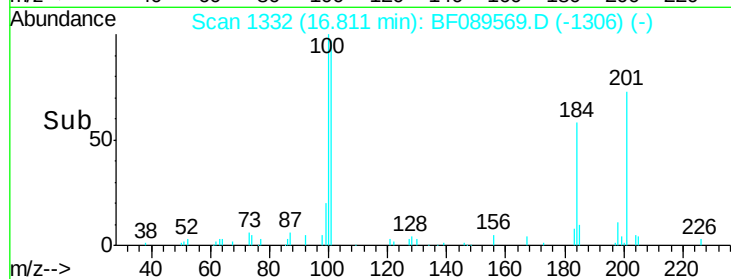
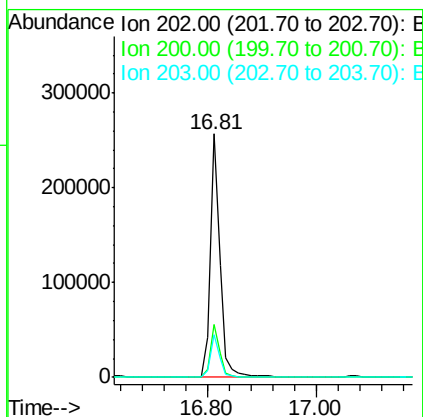
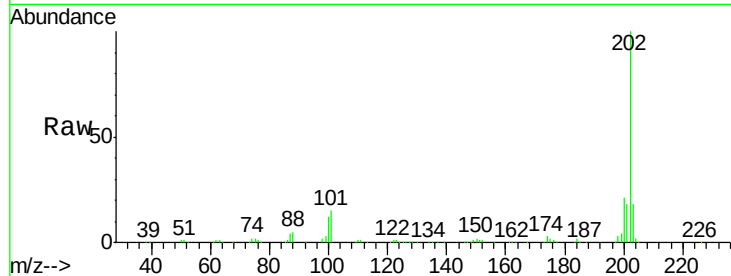




#77
Pvrene
Concen: 39.71 ng
RT: 16.81 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF089569.D
Acq: 3 Aug 2016 20:28

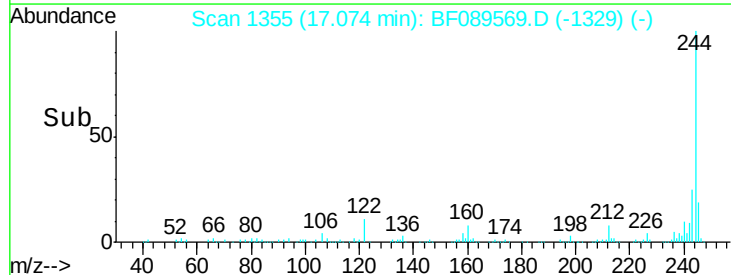
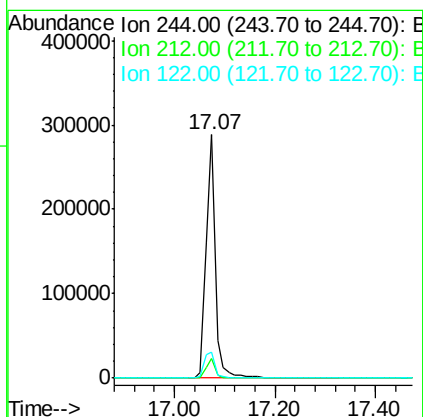
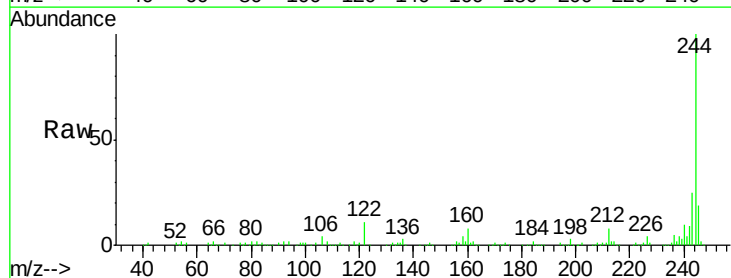
Instrument :
BNA_F
ClientSampleId :

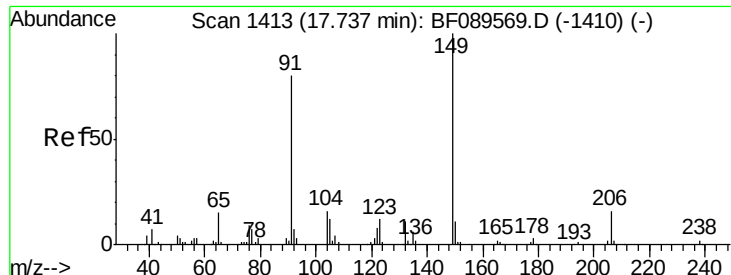
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.2	25.8
203	17.7	14.2	21.2



#78
Terphenyl-d14
Concen: 83.01 ng
RT: 17.07 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BF089569.D
Acq: 3 Aug 2016 20:28

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.4
122	10.6	8.5	12.7

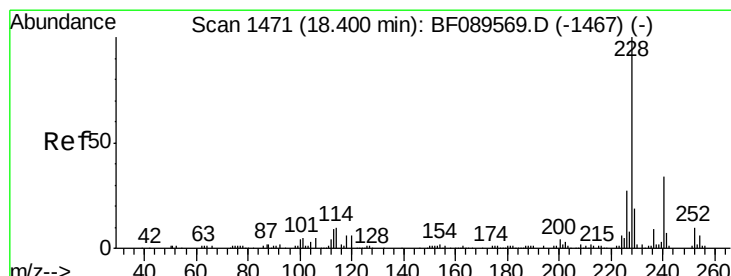
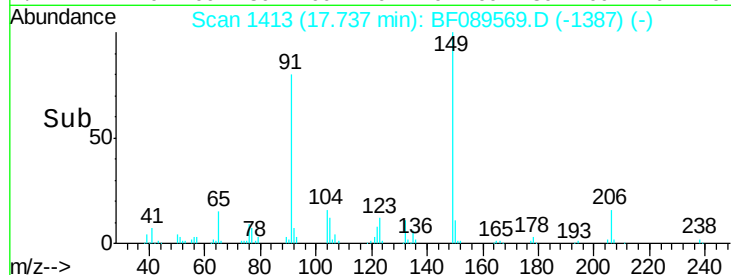
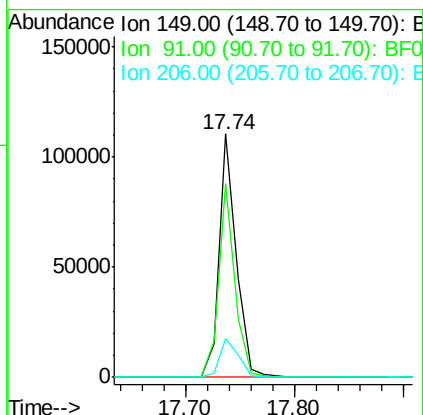
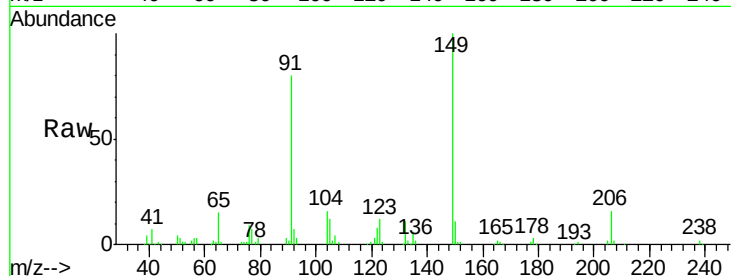




#79
Butylbenzylphthalate
Concen: 40.49 ng
RT: 17.74 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BF089569.D
Acq: 3 Aug 2016 20:28

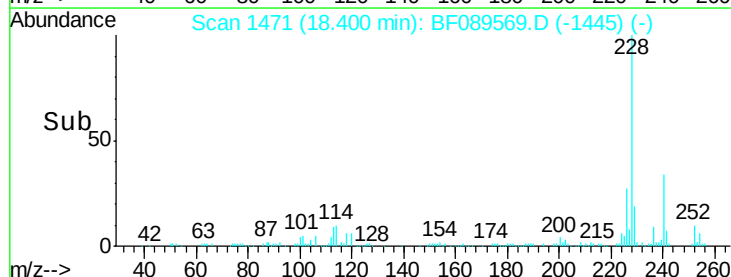
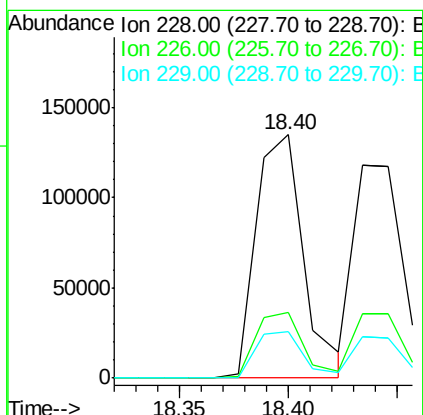
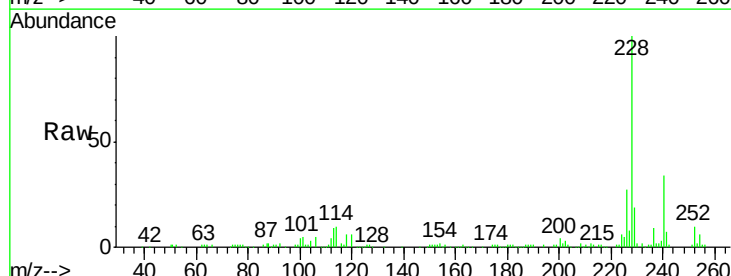
Instrument :
BNA_F
ClientSampled :

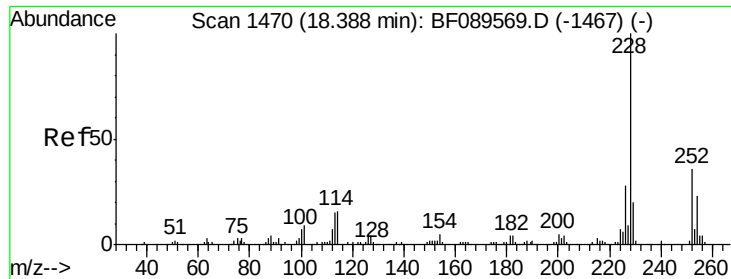
Tot Ion:149 Resp: 120970
Ion Ratio Lower Upper
149 100
91 79.5 63.6 95.4
206 16.0 12.8 19.2



#80
Benzo(a)anthracene
Concen: 39.50 ng
RT: 18.40 min Scan# 1471
Delta R.T. 0.00 min
Lab File: BF089569.D
Acq: 3 Aug 2016 20:28

Tgt Ion:228 Resp: 206146
Ion Ratio Lower Upper
228 100
226 26.9 21.5 32.3
229 18.9 15.1 22.7

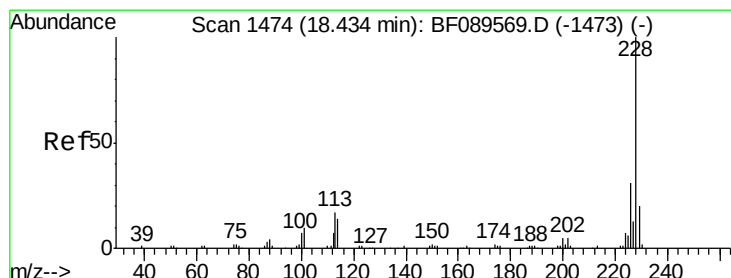
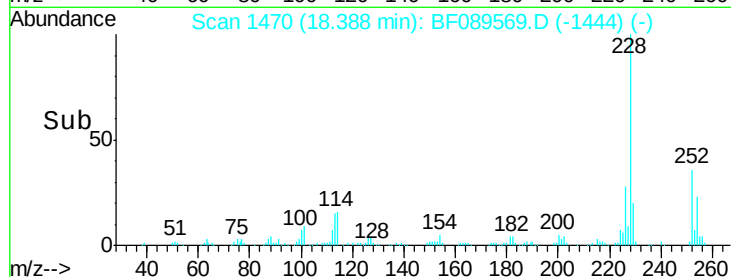
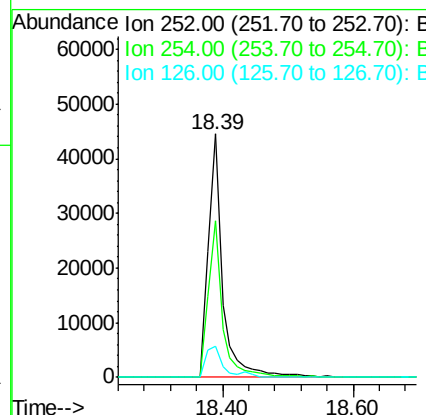
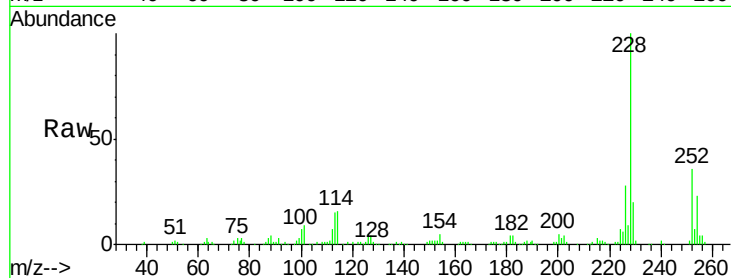




#81
 3,3'-Dichlorobenzidine
 Concen: 41.32 ng
 RT: 18.39 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: BF089569.D
 Acq: 3 Aug 2016 20:28

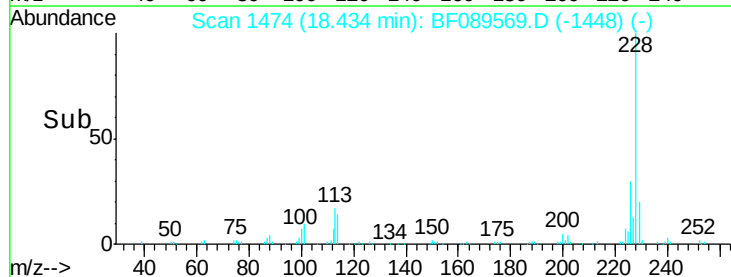
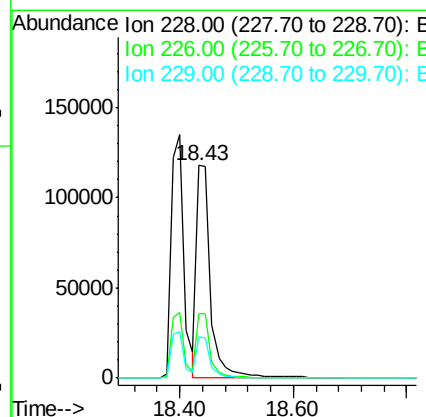
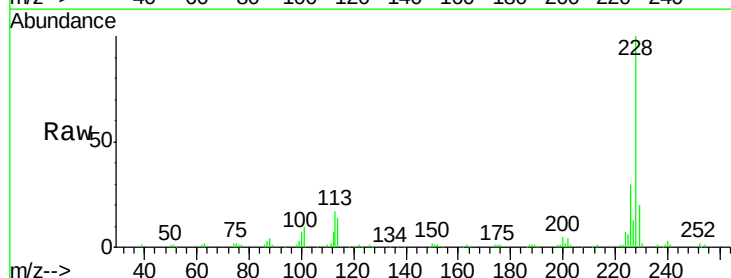
Instrument :
 BNA_F
 ClientSampled :

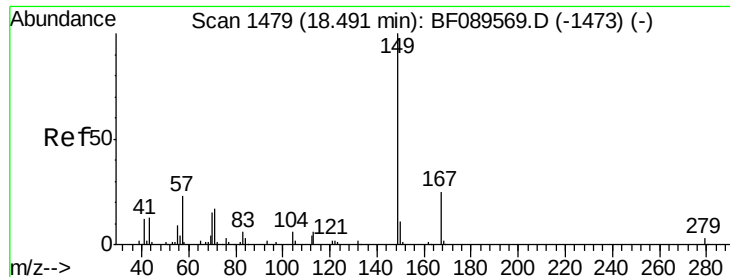
Tot Ion:252 Resp: 67575
 Ion Ratio Lower Upper
 252 100
 254 64.5 51.6 77.4
 126 12.6 10.1 15.1



#82
 Chrysene
 Concen: 37.84 ng
 RT: 18.43 min Scan# 1474
 Delta R.T. 0.00 min
 Lab File: BF089569.D
 Acq: 3 Aug 2016 20:28

Tgt Ion:228 Resp: 203635
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.3 36.5
 229 19.6 15.7 23.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.94 ng

RT: 18.49 min Scan# 1479

Delta R.T. 0.00 min

Lab File: BF089569.D

Acq: 3 Aug 2016 20:28

Instrument :

BNA_F

ClientSampleId :

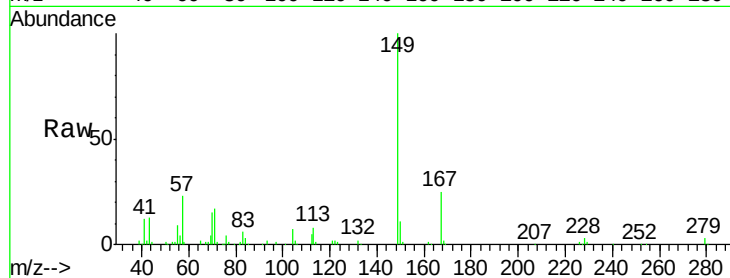
Tot Ion:149 Resp: 164860

Ion Ratio Lower Upper

149 100

167 24.6 19.7 29.5

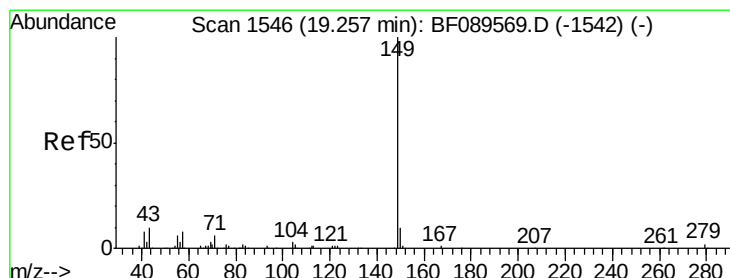
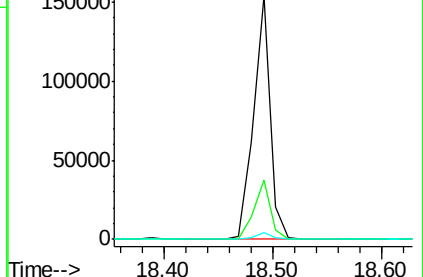
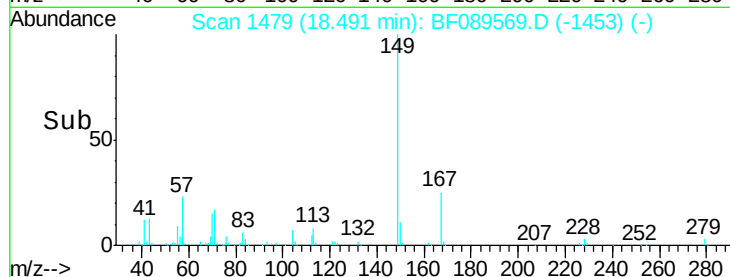
279 2.9 2.3 3.5



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: 39.32 ng

RT: 19.26 min Scan# 1546

Delta R.T. 0.00 min

Lab File: BF089569.D

Acq: 3 Aug 2016 20:28

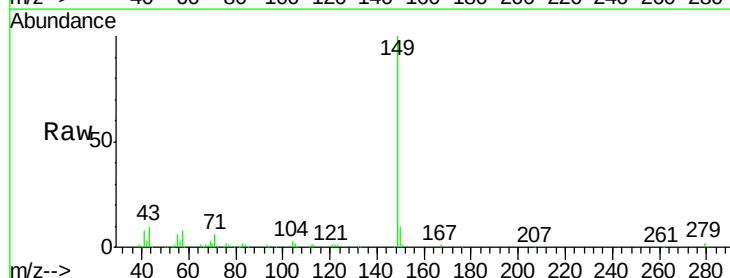
Tgt Ion:149 Resp: 240014

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

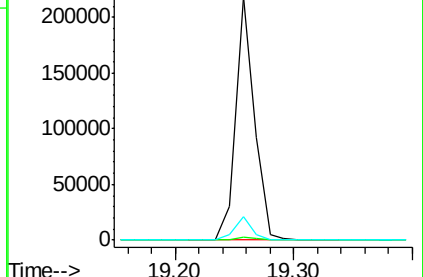
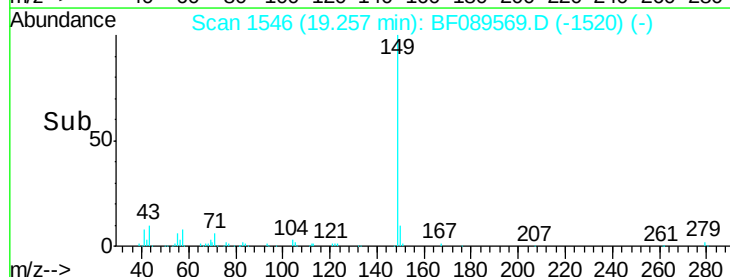
43 9.1 7.3 10.9

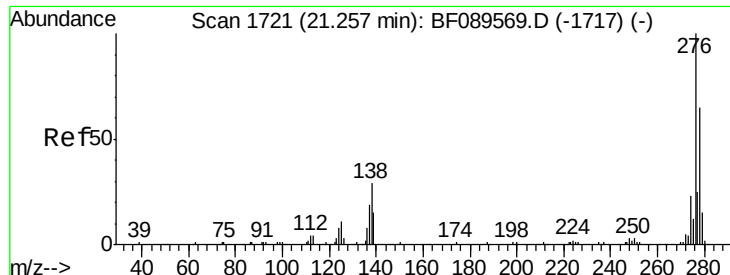


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

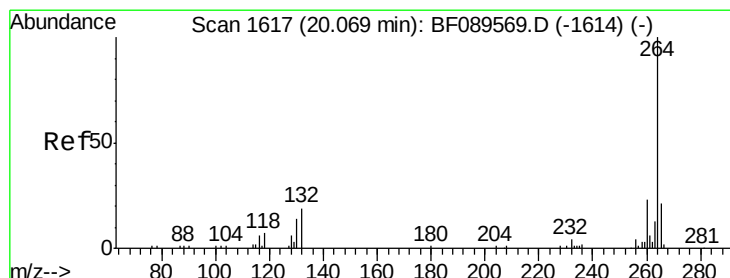
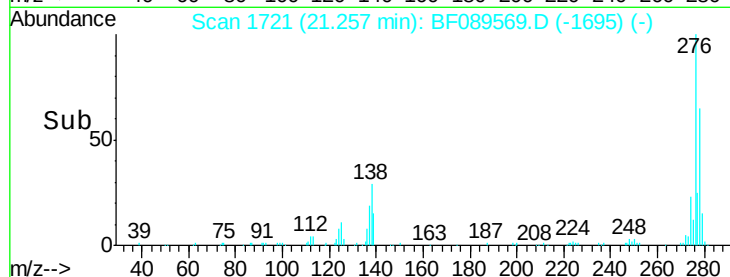
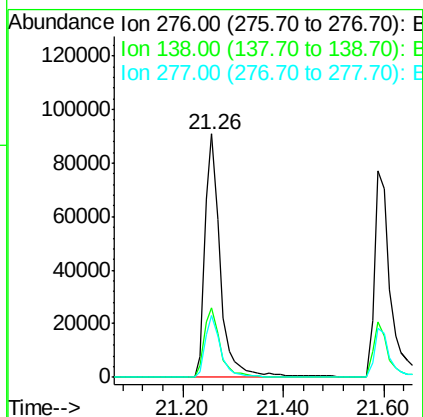
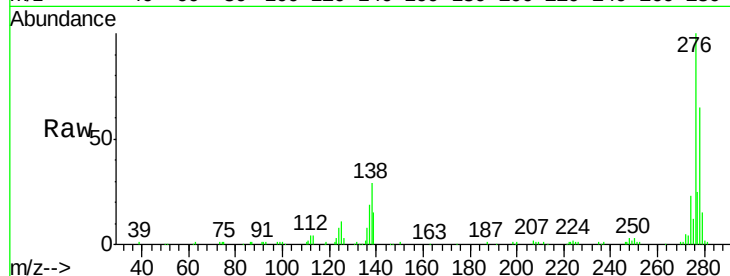




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.72 ng
 RT: 21.26 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: BF089569.D
 Acq: 3 Aug 2016 20:28

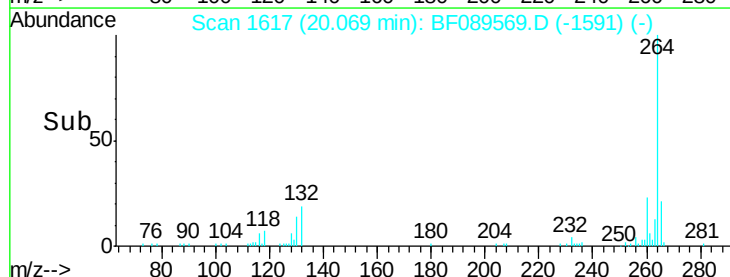
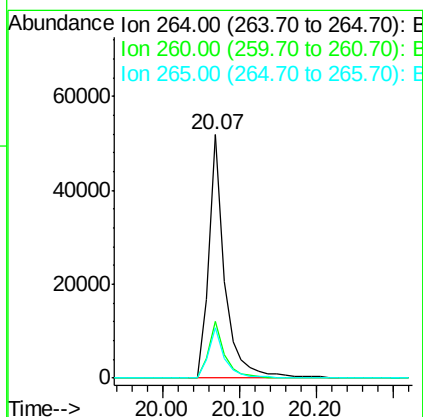
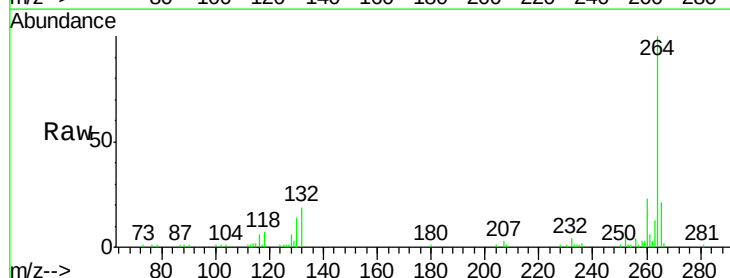
Instrument :
 BNA_F
 ClientSampleId :

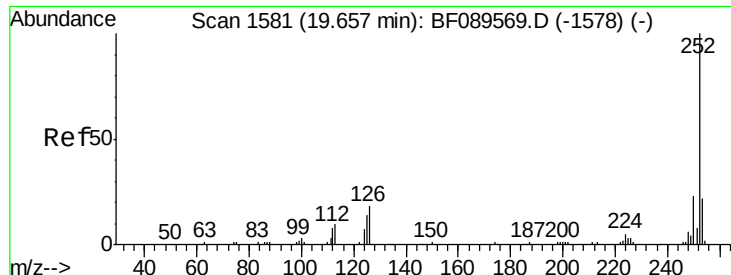
Tot Ion	Ratio	Lower	Upper
276	100		
138	29.4	23.5	35.3
277	25.6	20.5	30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.07 min Scan# 1617
 Delta R.T. 0.00 min
 Lab File: BF089569.D
 Acq: 3 Aug 2016 20:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.5	27.7
265	20.8	16.6	25.0

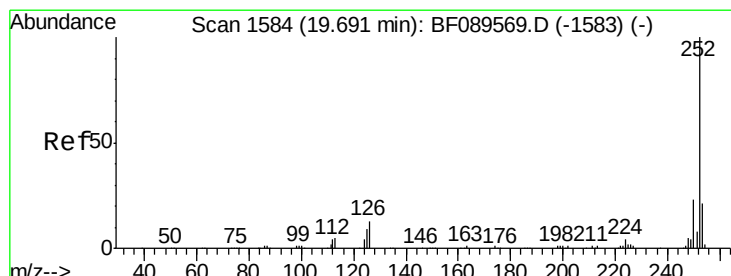
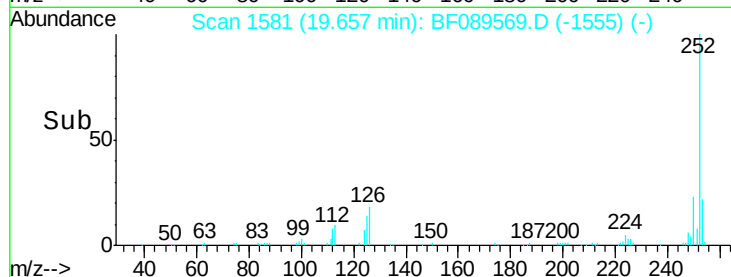
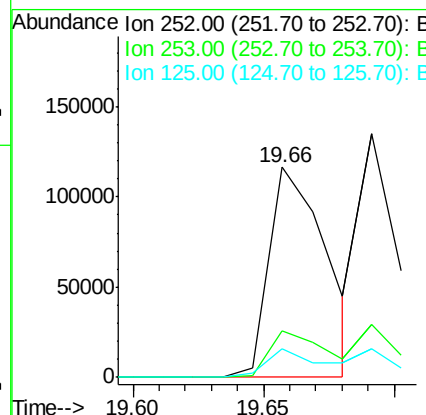
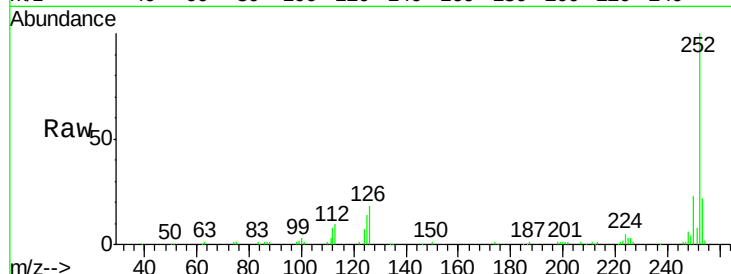




#87
Benzo(b)fluoranthene
Concen: 38.87 ng
RT: 19.66 min Scan# 1581
Delta R.T. 0.00 min
Lab File: BF089569.D
Acq: 3 Aug 2016 20:28

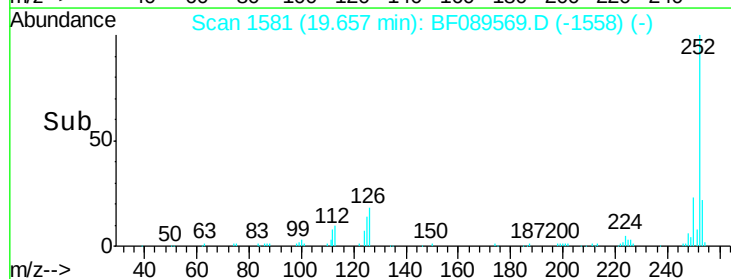
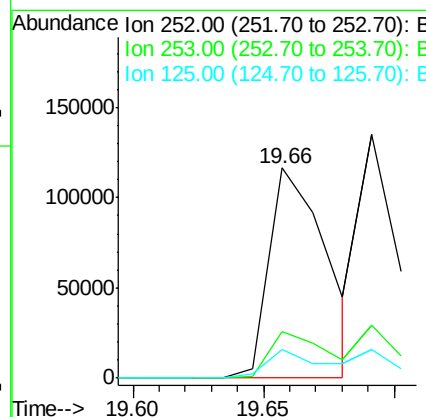
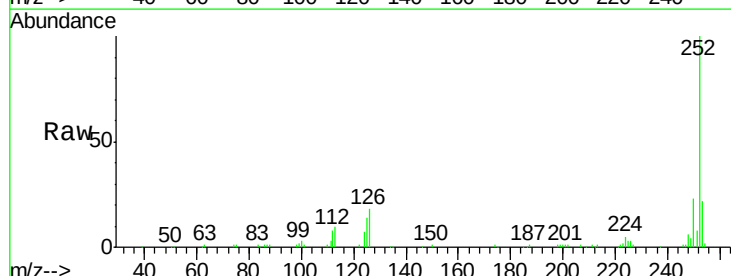
Instrument :
BNA_F
ClientSampleId :

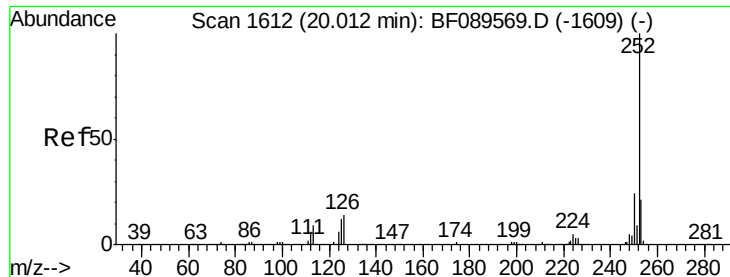
Tot Ion:252 Resp: 177122
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 13.7 11.0 16.4



#88
Benzo(k)fluoranthene
Concen: 39.46 ng
RT: 19.66 min Scan# 1581
Delta R.T. -0.03 min
Lab File: BF089569.D
Acq: 3 Aug 2016 20:28

Tgt Ion:252 Resp: 177122
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 13.7 9.3 13.9





#89

Benzo(a)pyrene

Concen: 38.47 ng

RT: 20.01 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BF089569.D

Acq: 3 Aug 2016 20:28

Instrument :

BNA_F

ClientSampleId :

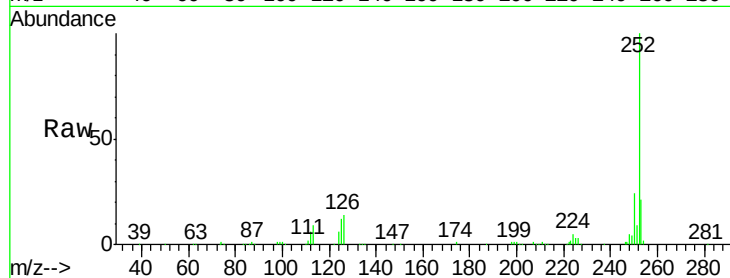
Tot Ion:252 Resp: 162572

Ion Ratio Lower Upper

252 100

253 20.7 16.6 24.8

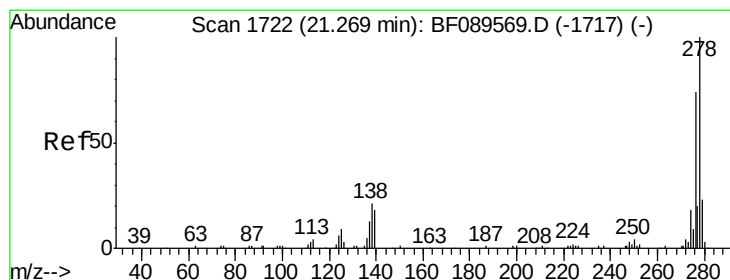
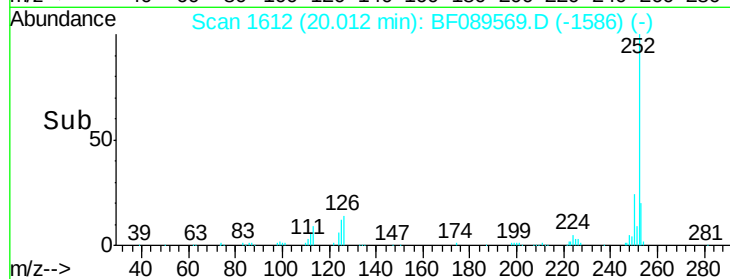
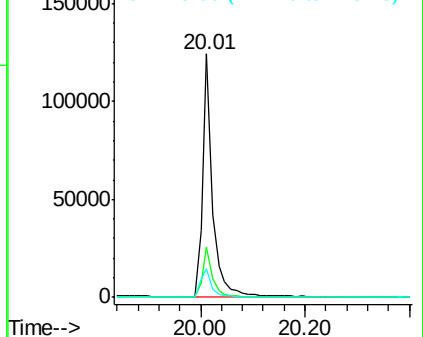
125 11.7 9.4 14.0



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: 41.92 ng

RT: 21.27 min Scan# 1722

Delta R.T. 0.00 min

Lab File: BF089569.D

Acq: 3 Aug 2016 20:28

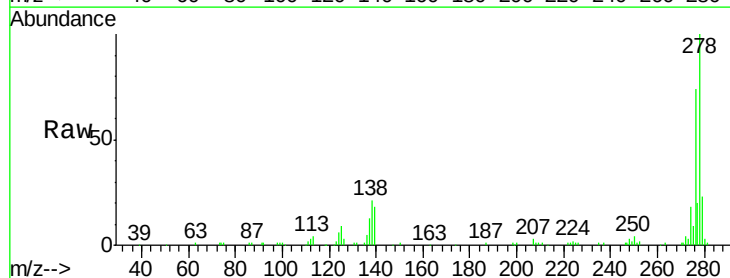
Tgt Ion:278 Resp: 167666

Ion Ratio Lower Upper

278 100

139 17.6 14.1 21.1

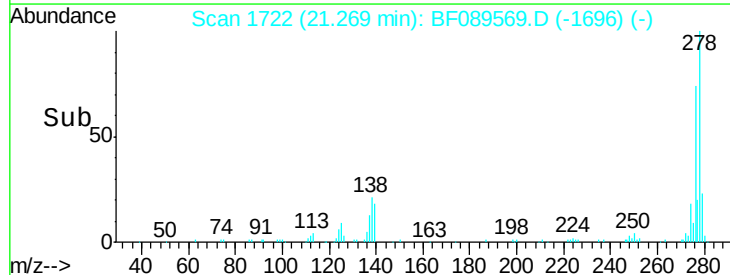
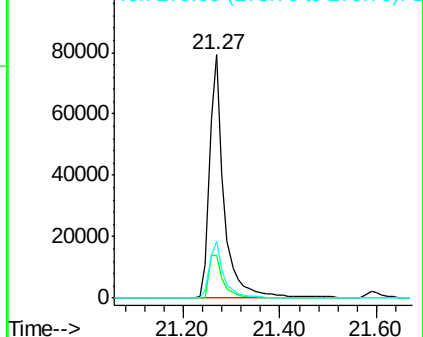
279 23.4 18.7 28.1

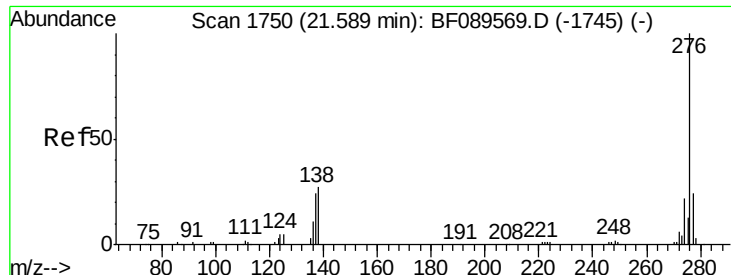


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

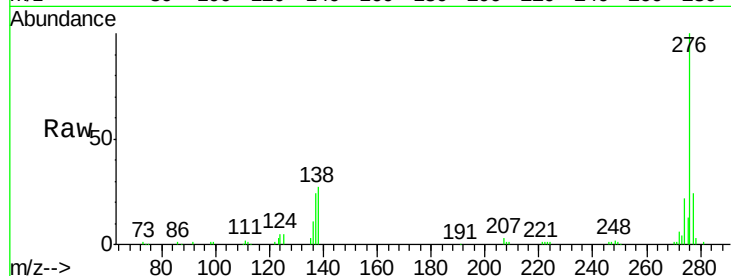




#91
 Benzo(a,h,i)perylene
 Concen: 41.67 ng
 RT: 21.59 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: BF089569.D
 Acq: 3 Aug 2016 20:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 276 Resp: 174642
 Ion Ratio Lower Upper
 276 100
 277 23.8 19.0 28.6
 138 27.1 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

