

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080316\
 Data File : BF089573.D
 Acq On : 3 Aug 2016 22:42
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 04 08:40:43 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 08:40:24 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	41789	20.00	ng	0.00
21) Naphthalene-d8	9.50	136	180634	20.00	ng	0.00
38) Acenaphthene-d10	12.32	164	83568	20.00	ng	0.00
63) Phenanthrene-d10	14.71	188	155145	20.00	ng	-0.01
75) Chrysene-d12	18.41	240	95094	20.00	ng	0.00
86) Perylene-d12	20.07	264	74239	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	197945	79.74	ng	0.00
7) Phenol-d6	7.00	99	268173	79.76	ng	0.00
23) Nitrobenzene-d5	8.38	82	245025	75.04	ng	0.00
41) 2,4,6-Tribromophenol	13.61	330	55589	83.75	ng	0.00
44) 2-Fluorobiphenyl	11.28	172	477766	74.25	ng	0.00
78) Terphenyl-d14	17.07	244	355680	75.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.77	88	48587	33.36	ng	97
3) Pyridine	2.35	79	94064	34.06	ng	98
4) n-Nitrosodimethylamine	2.32	42	38944	35.67	ng	100
6) Aniline	6.96	93	156286	34.93	ng	100
8) 2-Chlorophenol	7.14	128	116572	38.61	ng	99
9) Benzaldehyde	6.78	77	54057	45.13	ng	97
10) Phenol	7.02	94	139862	40.17	ng	92
11) bis(2-Chloroethyl)ether	7.11	93	116220	37.97	ng	99
12) 1,3-Dichlorobenzene	7.37	146	122861	37.11	ng	98
13) 1,4-Dichlorobenzene	7.50	146	119133	36.03	ng	97
14) 1,2-Dichlorobenzene	7.72	146	123222	35.91	ng	99
15) Benzyl Alcohol	7.75	79	83930	38.22	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.95	45	143449	38.00	ng	96
17) 2-Methylphenol	7.96	107	87165	39.46	ng	97
18) Hexachloroethane	8.25	117	50901	36.66	ng	100
19) n-Nitroso-di-n-propylamine	8.18	70	88638	37.48	ng	97
20) 3+4-Methylphenols	8.23	107	109272	37.79	ng	99
22) Acetophenone	8.15	105	150198	35.03	ng	100
24) Nitrobenzene	8.41	77	129653	39.14	ng	100
25) Isophorone	8.81	82	243157	39.22	ng	100
26) 2-Nitrophenol	8.91	139	55425	39.15	ng	97
27) 2,4-Dimethylphenol	9.05	122	102700	40.49	ng	98
28) bis(2-Chloroethoxy)methane	9.19	93	136035	36.63	ng	99
29) 2,4-Dichlorophenol	9.32	162	88100	36.92	ng	99
30) 1,2,4-Trichlorobenzene	9.42	180	101931	37.38	ng	95
31) Naphthalene	9.53	128	351777	36.63	ng	99
32) Benzoic acid	9.37	122	61406	36.45	ng	100
33) 4-Chloroaniline	9.67	127	123783	33.37	ng	99
34) Hexachlorobutadiene	9.75	225	56369	35.63	ng	99
35) Caprolactam	10.30	113	26619	37.93	ng	86
36) 4-Chloro-3-methylphenol	10.51	107	109822	39.27	ng	89
37) 2-Methylnaphthalene	10.65	142	213476	36.36	ng	99
39) 1,2,4,5-Tetrachlorobenzene	10.92	216	115742	36.75	ng	99
40) Hexachlorocyclopentadiene	10.91	237	32262	33.33	ng	98

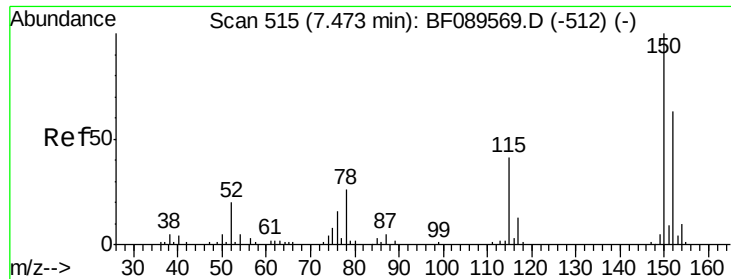
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080316\
 Data File : BF089573.D
 Acq On : 3 Aug 2016 22:42
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 04 08:40:43 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 08:40:24 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.14	196	60676	39.41	ng	97
43) 2,4,5-Trichlorophenol	11.22	196	68553	42.04	ng	99
45) 1,1'-Biphenyl	11.43	154	280689	37.19	ng	99
46) 2-Chloronaphthalene	11.44	162	208864	36.94	ng	99
47) 2-Nitroaniline	11.64	65	63581	35.45	ng	95
48) Acenaphthylene	12.09	152	352092	37.77	ng	99
49) Dimethylphthalate	11.98	163	249389	38.95	ng	99
50) 2,6-Dinitrotoluene	12.06	165	52044	40.63	ng	# 67
51) Acenaphthene	12.38	154	204280	37.80	ng	99
52) 3-Nitroaniline	12.33	138	54592	36.15	ng	100
53) 2,4-Dinitrophenol	12.54	184	15910	37.46	ng	97
54) Dibenzofuran	12.66	168	271817	36.96	ng	100
55) 4-Nitrophenol	12.66	139	104528	127.75	ng	# 15
56) 2,4-Dinitrotoluene	12.72	165	69258	40.23	ng	97
57) Fluorene	13.21	166	239489	38.28	ng	100
58) 2,3,4,6-Tetrachlorophenol	12.82	232	38636	33.24	ng	92
59) Diethylphthalate	13.12	149	249878	38.52	ng	100
60) 4-Chlorophenyl-phenylether	13.25	204	111399	39.62	ng	98
61) 4-Nitroaniline	13.33	138	48854	36.91	ng	96
62) Azobenzene	13.50	77	228643	34.37	ng	99
64) 4,6-Dinitro-2-methylphenol	13.38	198	34810	38.49	ng	98
65) n-Nitrosodiphenylamine	13.45	169	193063	36.52	ng	99
66) 4-Bromophenyl-phenylether	14.02	248	58983	38.92	ng	99
67) Hexachlorobenzene	14.09	284	59262	36.15	ng	92
68) Atrazine	14.37	200	53366	39.01	ng	99
69) Pentachlorophenol	14.45	266	22395	37.26	ng	98
70) Phenanthrene	14.75	178	316401	38.18	ng	99
71) Anthracene	14.83	178	339408	37.46	ng	100
72) Carbazole	15.12	167	282202	38.50	ng	100
73) Di-n-butylphthalate	15.71	149	371213	39.60	ng	100
74) Fluoranthene	16.51	202	319126	38.05	ng	99
76) Benzidine	16.75	184	108671	41.90	ng	98
77) Pyrene	16.81	202	311469	36.85	ng	99
79) Butylbenzylphthalate	17.74	149	130253	41.06	ng	99
80) Benzo(a)anthracene	18.40	228	209355	37.78	ng	99
81) 3,3'-Dichlorobenzidine	18.39	252	69759	40.17	ng	98
82) Chrysene	18.45	228	213171	37.31	ng	98
83) Bis(2-ethylhexyl)phthalate	18.49	149	177573	41.53	ng	99
84) Di-n-octyl phthalate	19.26	149	249176	38.44	ng	100
85) Indeno(1,2,3-cd)pyrene	21.26	276	187054	38.77	ng	99
87) Benzo(b)fluoranthene	19.66	252	176223	38.85	ng	99
88) Benzo(k)fluoranthene	19.66	252	176223	39.56	ng	# 98
89) Benzo(a)pyrene	20.01	252	159871	38.02	ng	98
90) Dibenzo(a,h)anthracene	21.27	278	153576	38.58	ng	98
91) Benzo(g,h,i)perylene	21.59	276	158010	37.88	ng	99

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

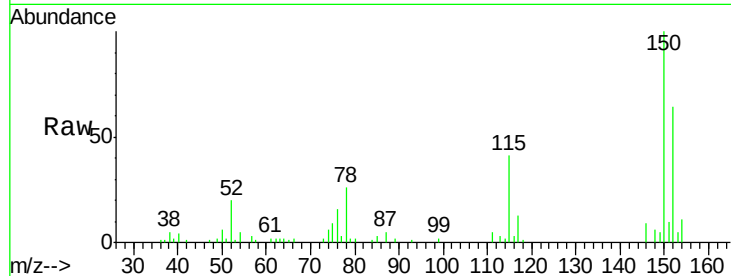


#1

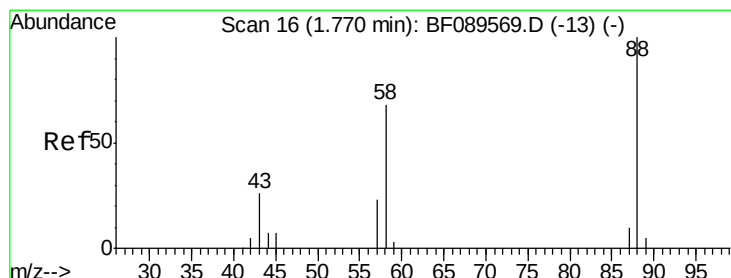
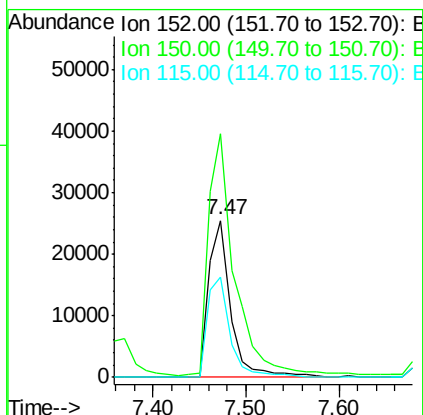
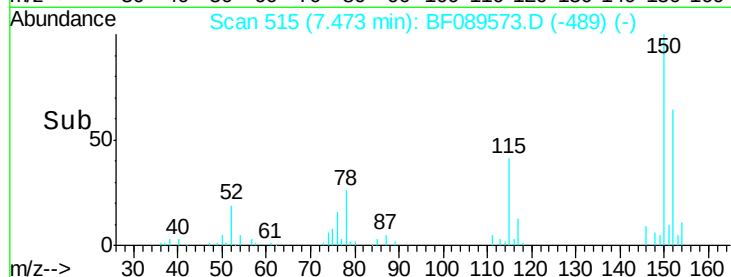
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.47 min Scan# 515
Delta R.T. -0.00 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 41789
Ion Ratio Lower Upper
152 100
150 155.1 127.4 191.2
115 64.2 51.8 77.8



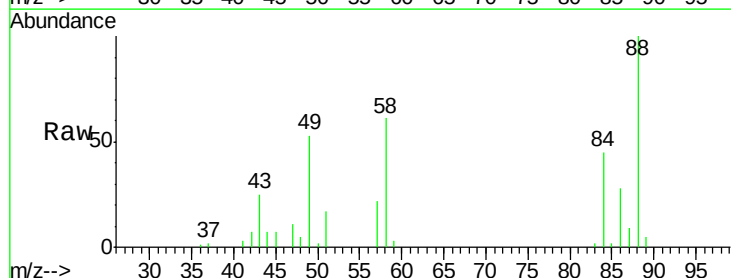
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



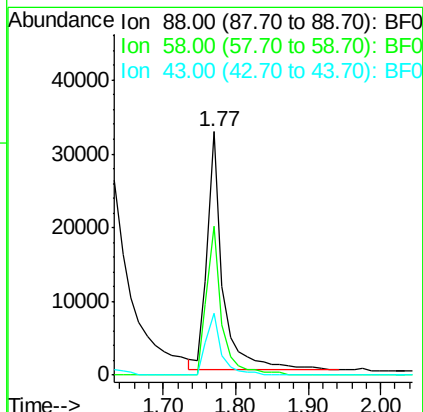
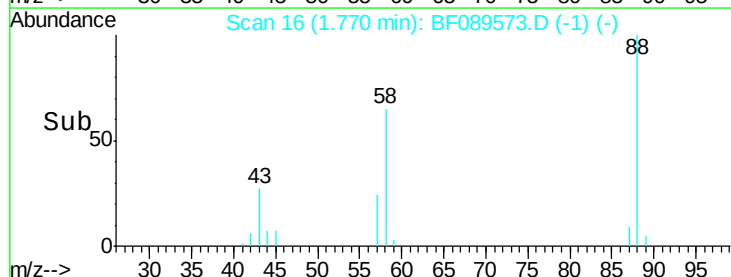
#2

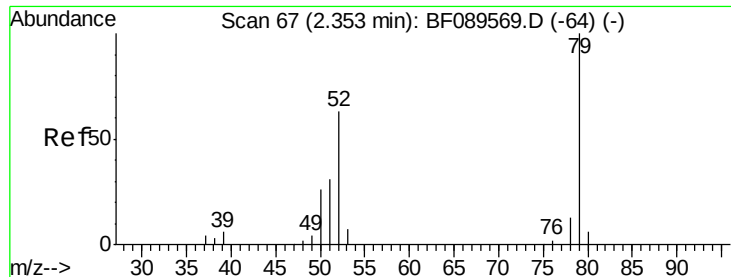
1,4-Dioxane
Concen: 33.36 ng
RT: 1.77 min Scan# 16
Delta R.T. 0.00 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

Tgt Ion: 88 Resp: 48587
Ion Ratio Lower Upper
88 100
58 60.8 47.0 70.4
43 25.1 18.9 28.3



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

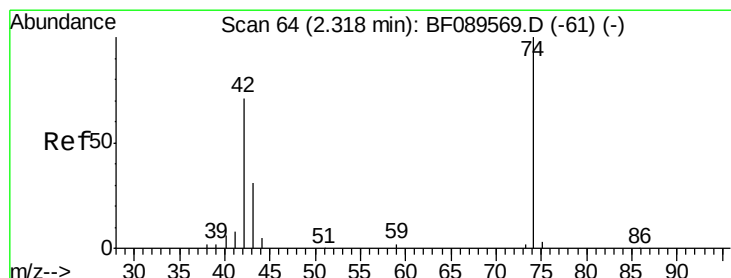
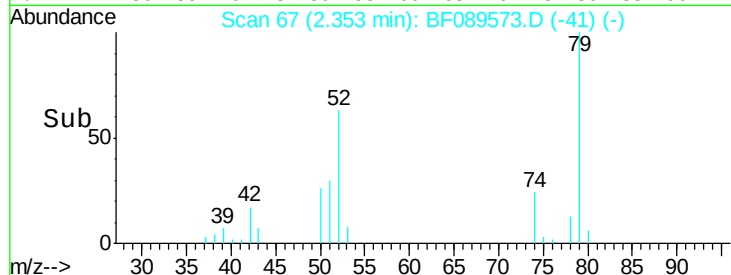
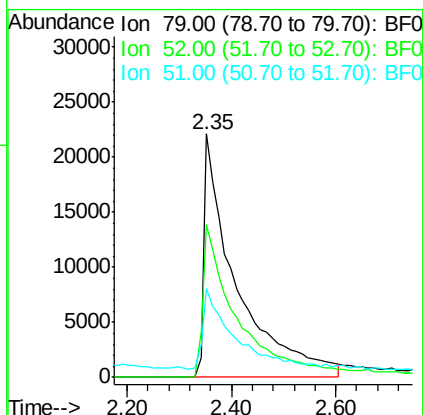
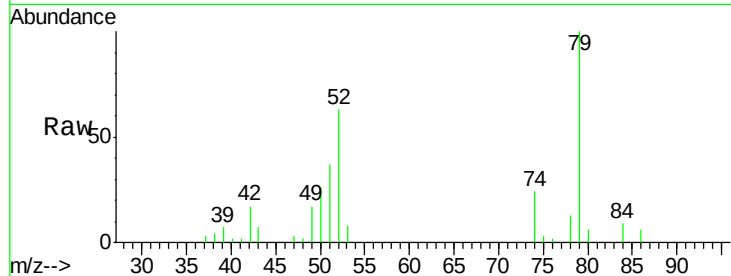




#3
 Pvridine
 Concen: 34.06 ng
 RT: 2.35 min Scan# 67
 Delta R.T. 0.00 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

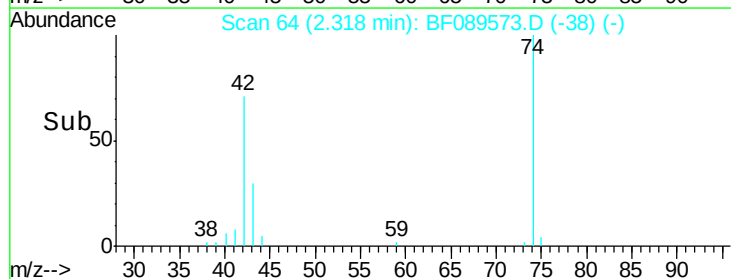
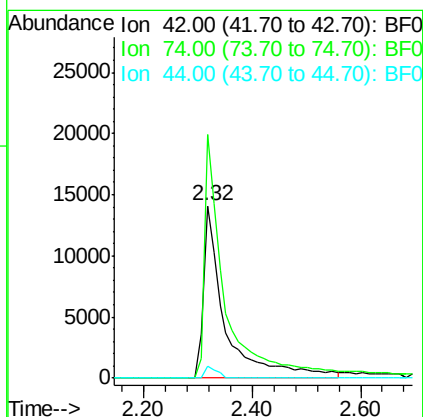
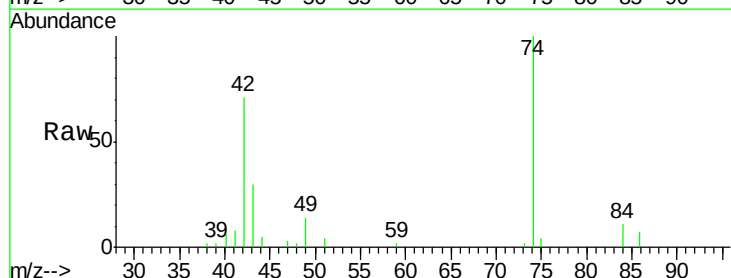
Instrument :
 BNA_F
 ClientSampled :

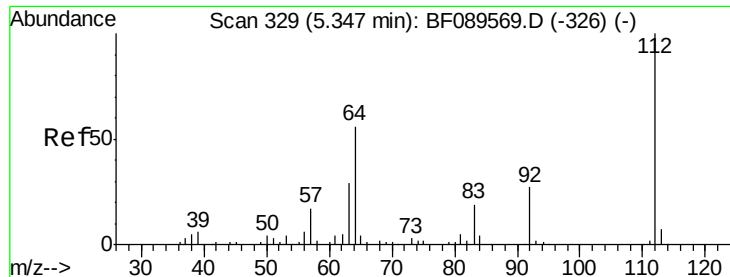
Tot Ion: 79 Resp: 94064
 Ion Ratio Lower Upper
 79 100
 52 63.0 50.6 76.0
 51 36.5 27.6 41.4



#4
 n-Nitrosodimethylamine
 Concen: 35.67 ng
 RT: 2.32 min Scan# 64
 Delta R.T. 0.00 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

Tgt Ion: 42 Resp: 38944
 Ion Ratio Lower Upper
 42 100
 74 141.4 113.5 170.3
 44 7.3 5.5 8.3





#5

2-Fluorophenol

Concen: 79.74 ng

RT: 5.35 min Scan# 329

Delta R.T. -0.00 min

Lab File: BF089573.D

Acq: 3 Aug 2016 22:42

Instrument :

BNA_F

ClientSampled :

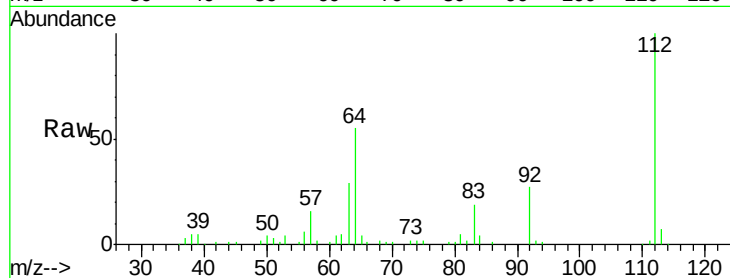
Tot Ion:112 Resp: 197945

Ion Ratio Lower Upper

112 100

64 54.9 45.2 67.8

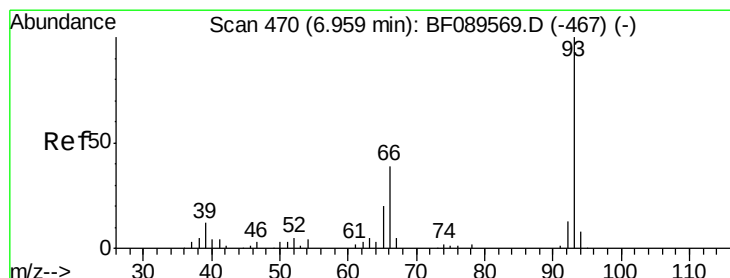
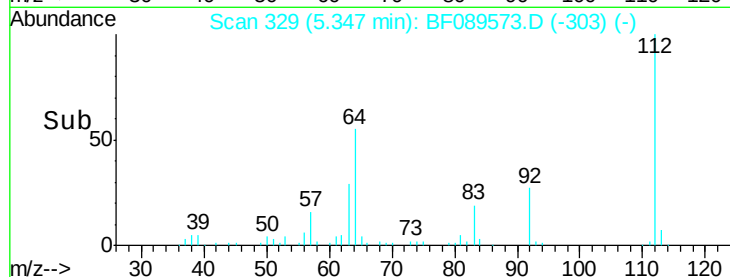
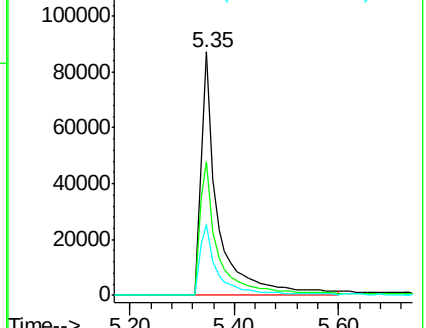
63 29.1 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 34.93 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.00 min

Lab File: BF089573.D

Acq: 3 Aug 2016 22:42

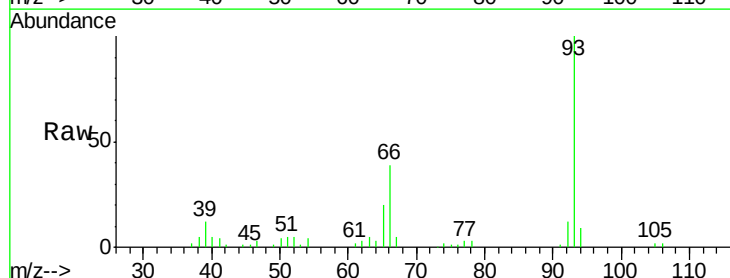
Tgt Ion: 93 Resp: 156286

Ion Ratio Lower Upper

93 100

66 38.9 31.1 46.7

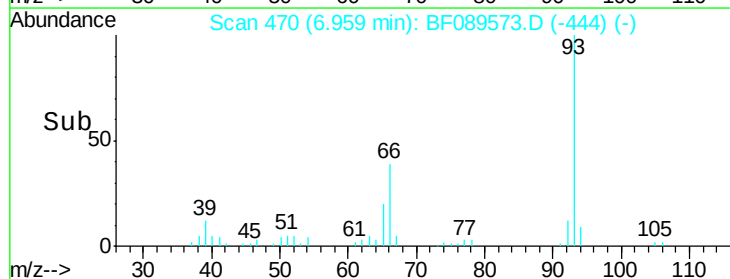
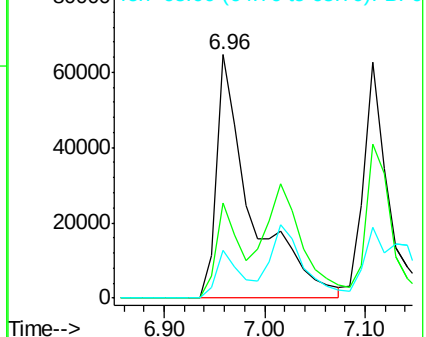
65 19.5 15.7 23.5

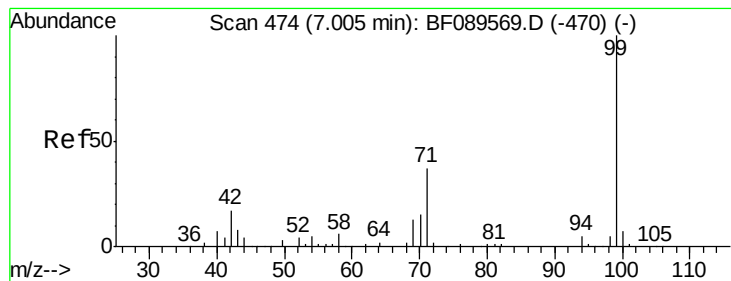


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 79.76 ng

RT: 7.00 min Scan# 474

Delta R.T. -0.00 min

Lab File: BF089573.D

Acq: 3 Aug 2016 22:42

Instrument :

BNA_F

ClientSampled :

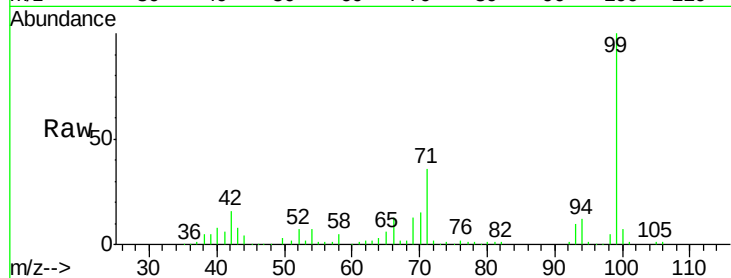
Tot Ion: 99 Resp: 268173

Ion Ratio Lower Upper

99 100

42 16.0 13.9 20.9

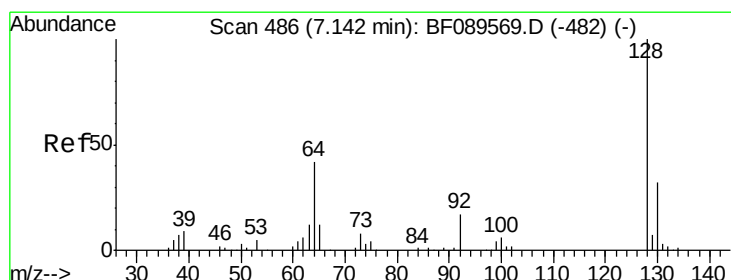
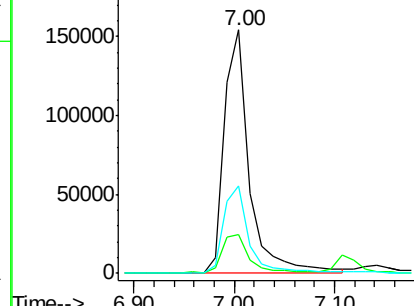
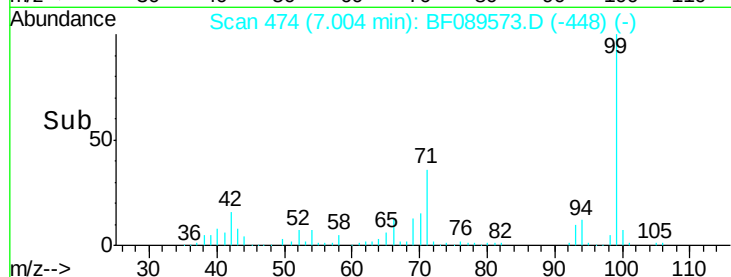
71 35.8 29.3 43.9



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: 38.61 ng

RT: 7.14 min Scan# 486

Delta R.T. -0.00 min

Lab File: BF089573.D

Acq: 3 Aug 2016 22:42

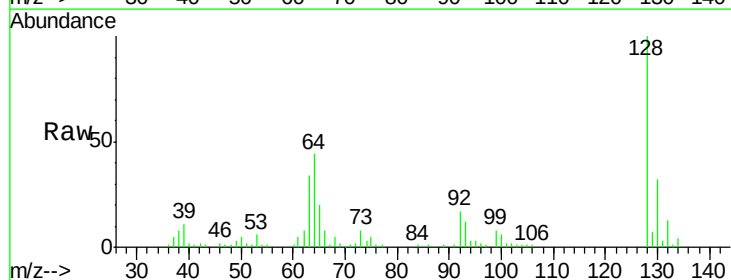
Tgt Ion: 128 Resp: 116572

Ion Ratio Lower Upper

128 100

130 32.0 12.4 52.4

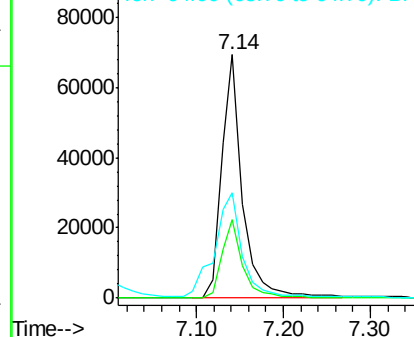
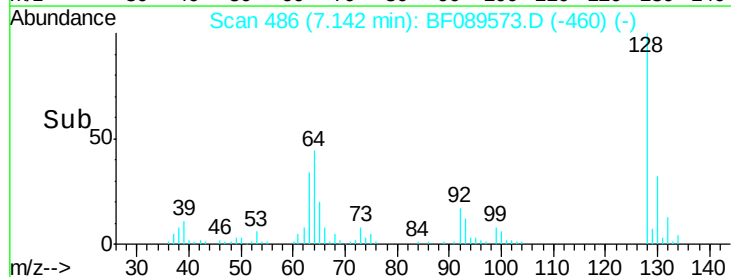
64 43.5 24.0 64.0

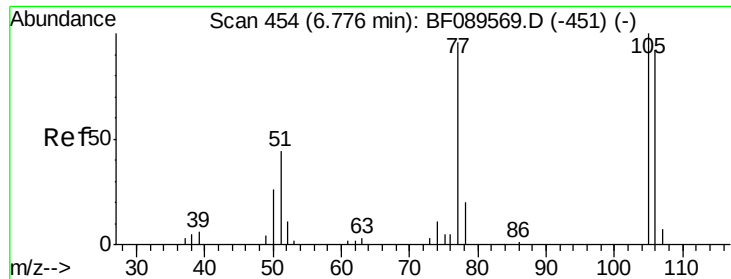


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

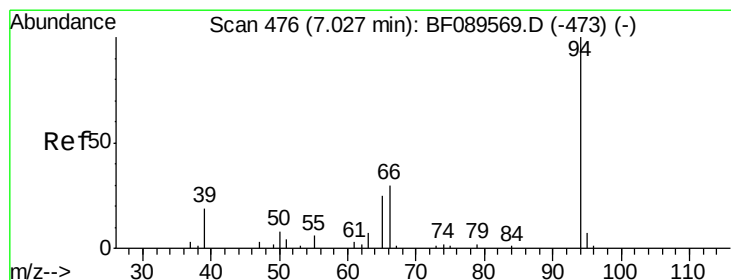
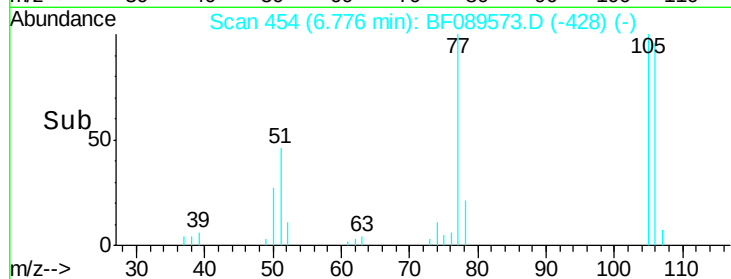
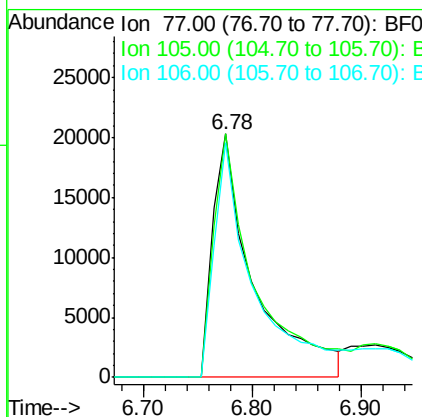
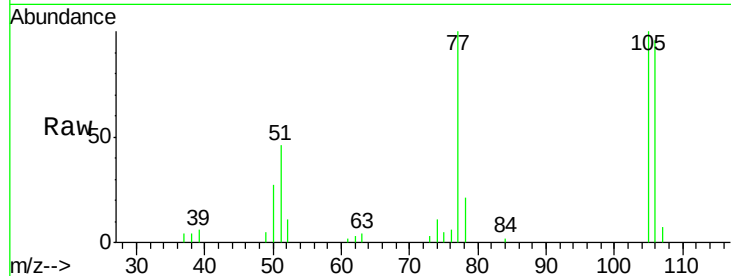




#9
Benzaldehyde
Concen: 45.13 ng
RT: 6.78 min Scan# 454
Delta R.T. -0.00 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

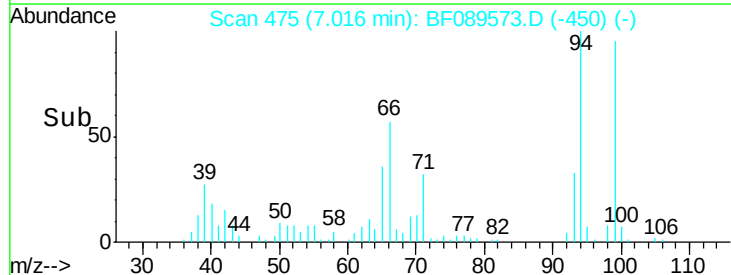
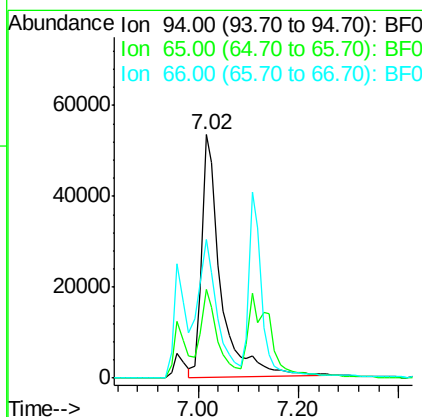
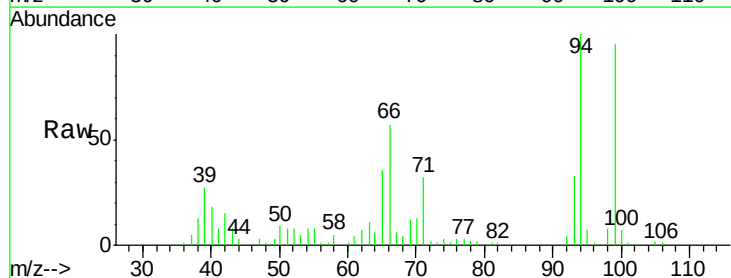
Instrument :
BNA_F
ClientSampled :

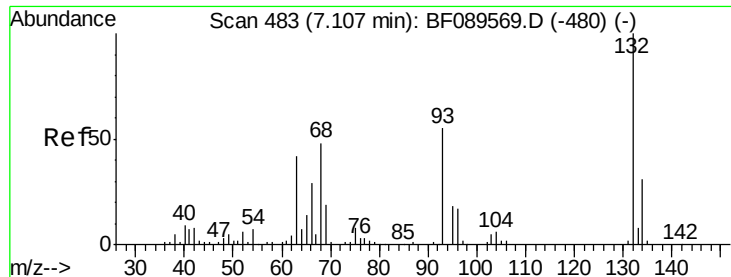
Tot Ion: 77 Resp: 54057
Ion Ratio Lower Upper
77 100
105 100.0 84.0 124.0
106 96.4 75.3 115.3



#10
Phenol
Concen: 40.17 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.01 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

Tgt Ion: 94 Resp: 139862
Ion Ratio Lower Upper
94 100
65 36.4 11.9 51.9
66 56.8 30.9 70.9





#11

bis(2-Chloroethyl)ether

Concen: 37.97 ng

RT: 7.11 min Scan# 483

Delta R.T. -0.00 min

Lab File: BF089573.D

Acq: 3 Aug 2016 22:42

Instrument :

BNA_F

ClientSampled :

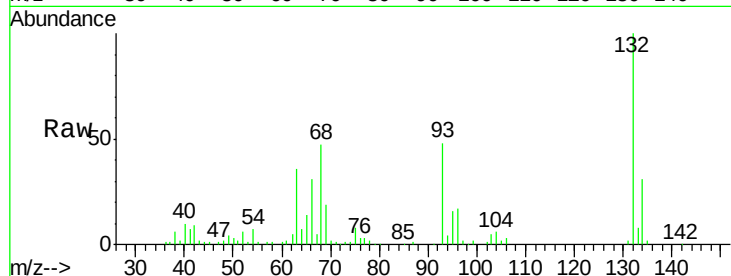
Tot Ion: 93 Resp: 116220

Ion Ratio Lower Upper

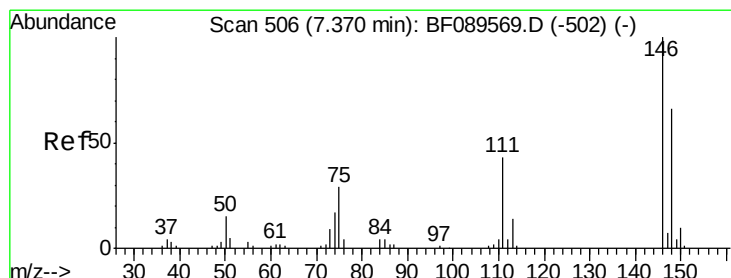
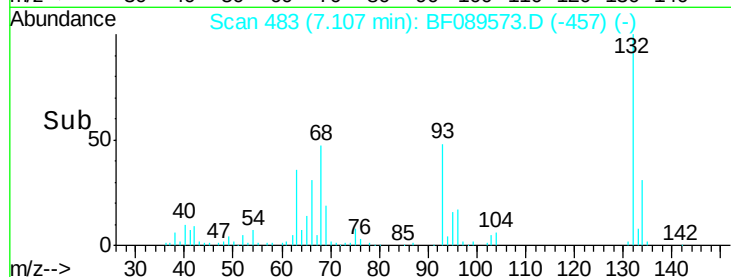
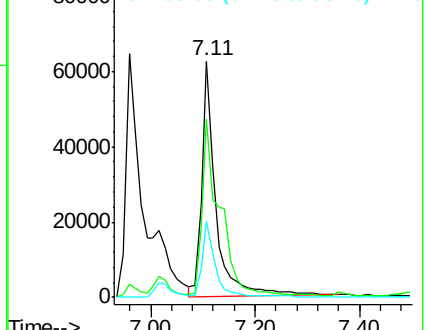
93 100

63 75.3 54.0 94.0

95 32.4 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: 37.11 ng

RT: 7.37 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF089573.D

Acq: 3 Aug 2016 22:42

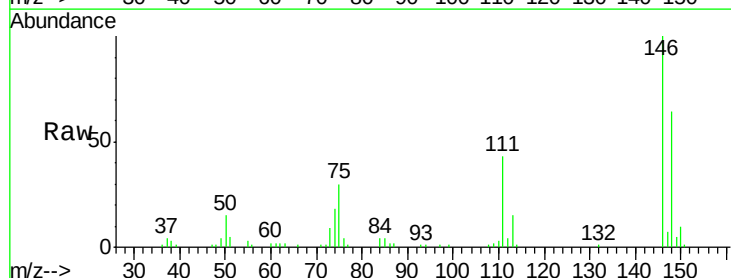
Tgt Ion: 146 Resp: 122861

Ion Ratio Lower Upper

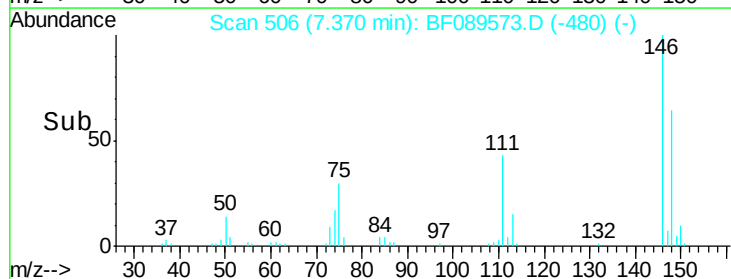
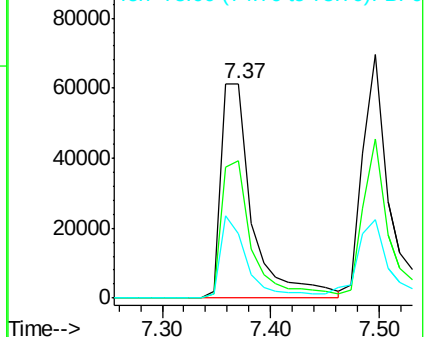
146 100

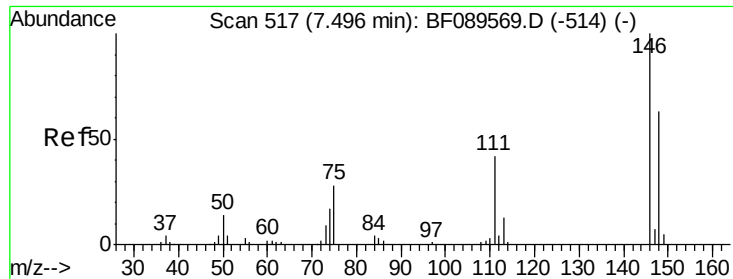
148 64.2 52.7 79.1

75 29.8 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

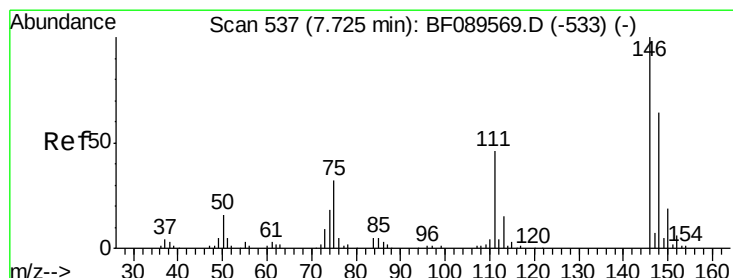
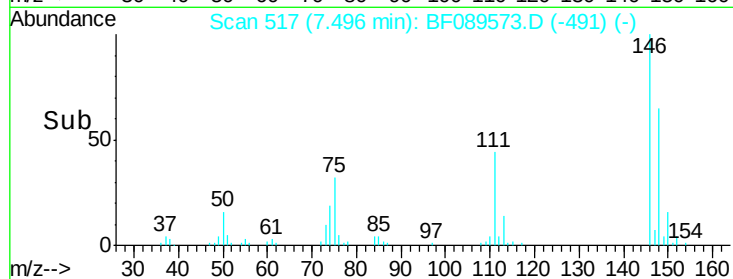
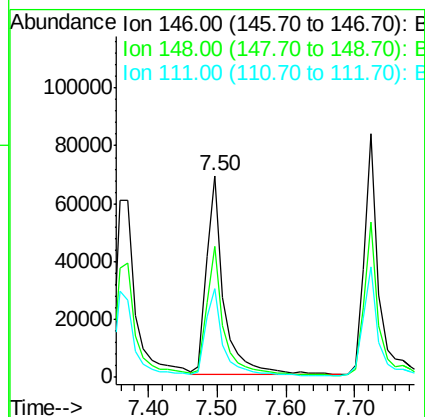
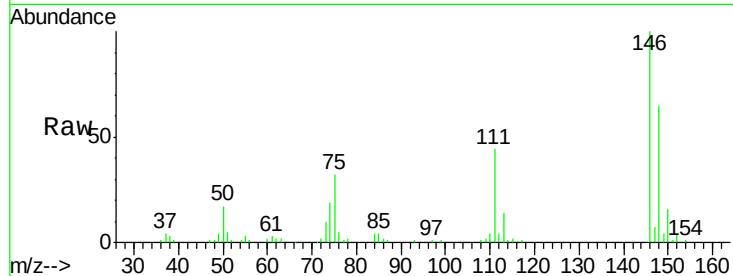




#13
 1,4-Dichlorobenzene
 Concen: 36.03 ng
 RT: 7.50 min Scan# 517
 Delta R.T. -0.00 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

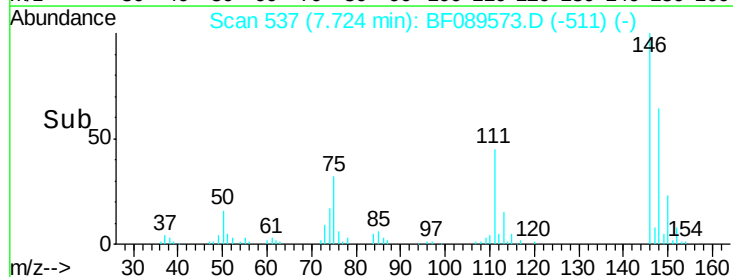
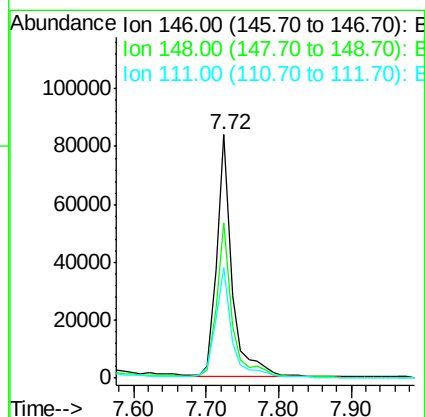
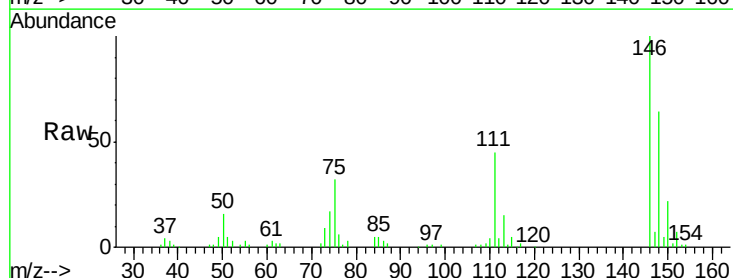
Instrument :
 BNA_F
 ClientSampleId :

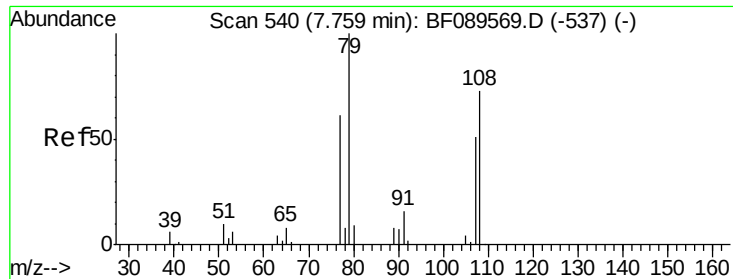
Tot Ion:146 Resp: 119133
 Ion Ratio Lower Upper
 146 100
 148 65.3 50.6 76.0
 111 44.3 33.7 50.5



#14
 1,2-Dichlorobenzene
 Concen: 35.91 ng
 RT: 7.72 min Scan# 537
 Delta R.T. -0.00 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

Tgt Ion:146 Resp: 123222
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.4 77.0
 111 45.4 36.6 55.0

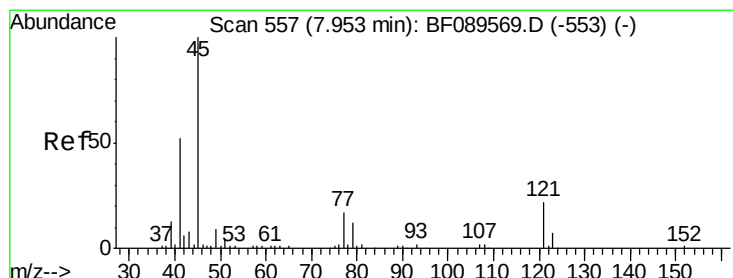
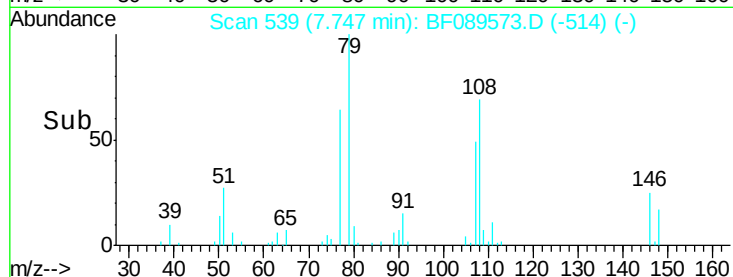
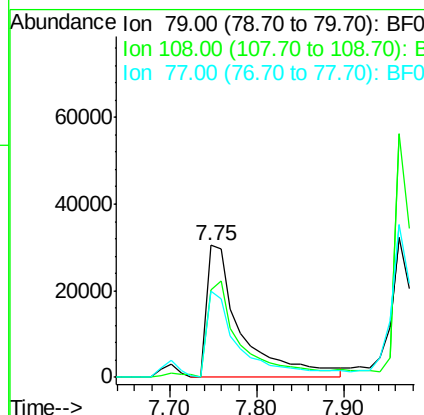
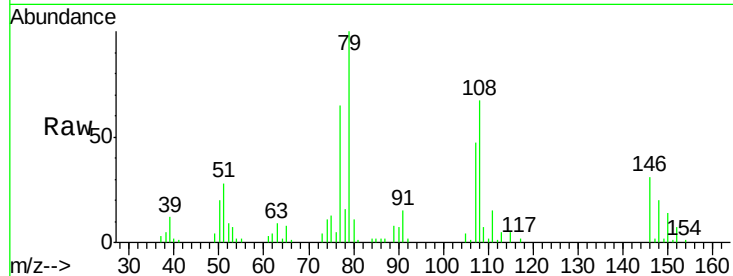




#15
Benzyl Alcohol
Concen: 38.22 ng
RT: 7.75 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

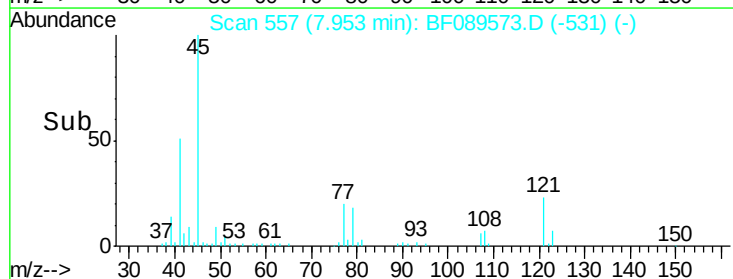
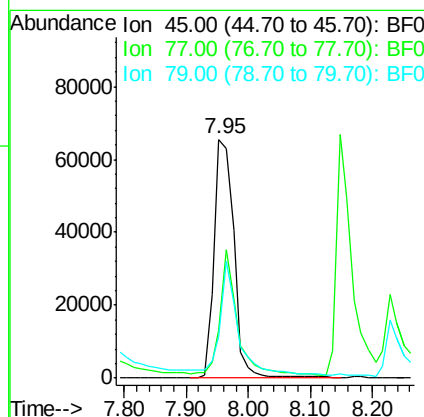
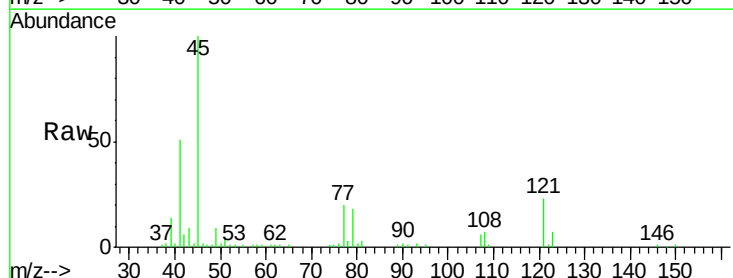
Instrument :
BNA_F
ClientSampled :

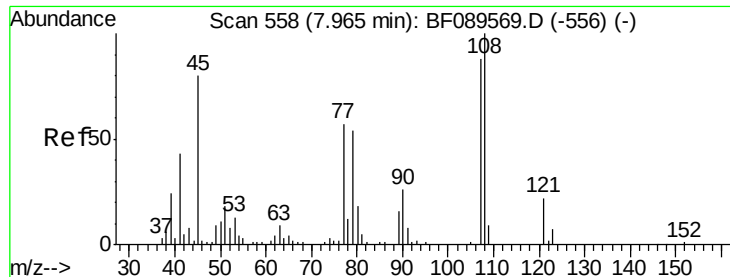
Tot Ion: 79 Resp: 83930
Ion Ratio Lower Upper
79 100
108 66.7 60.6 90.8
77 64.9 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.00 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.00 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

Tgt Ion: 45 Resp: 143449
Ion Ratio Lower Upper
45 100
77 19.8 0.0 38.9
79 17.5 0.0 35.2

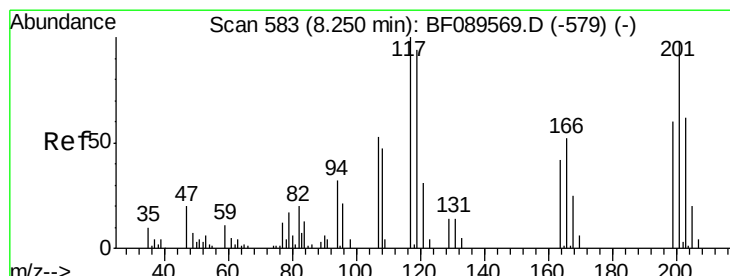
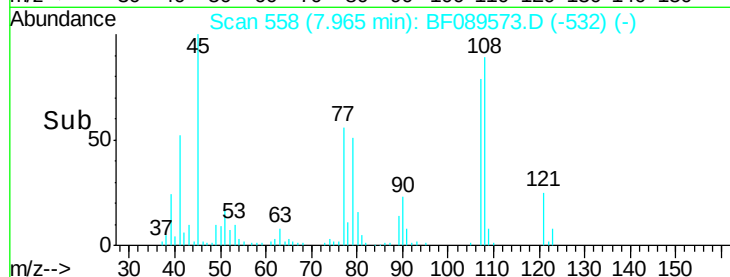
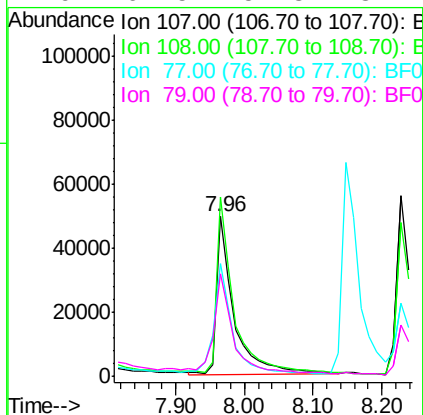
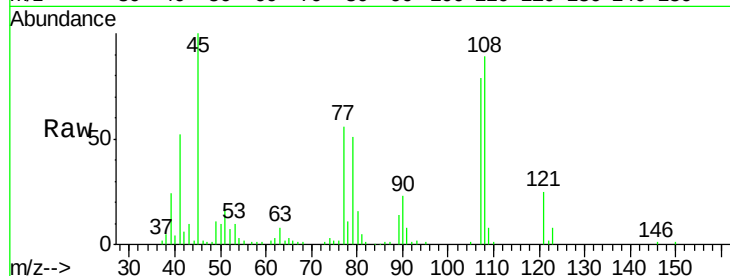




#17
2-Methylphenol
Concen: 39.46 ng
RT: 7.96 min Scan# 558
Delta R.T. -0.00 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

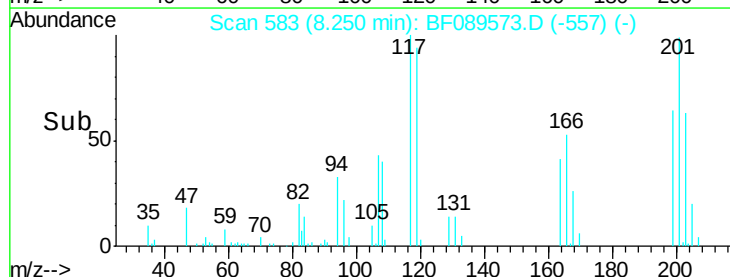
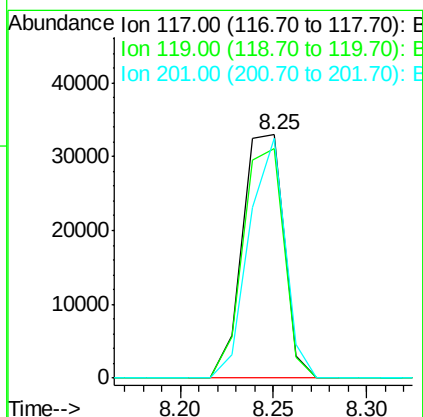
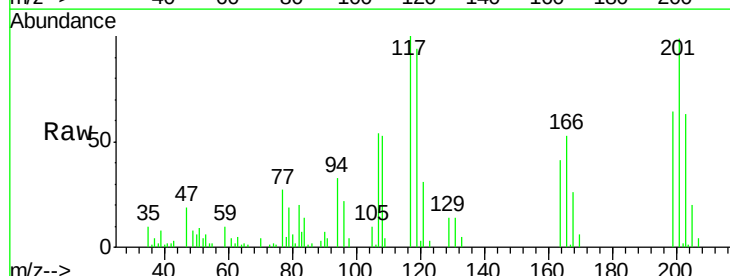
Instrument :
BNA_F
ClientSampleId :

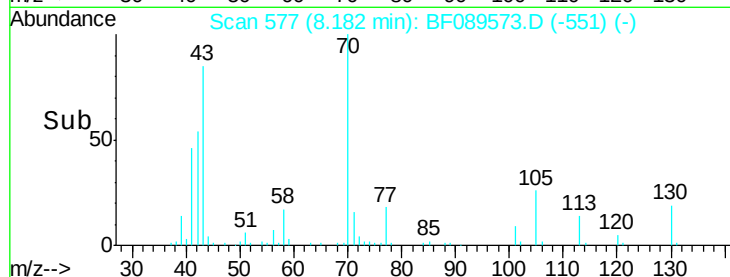
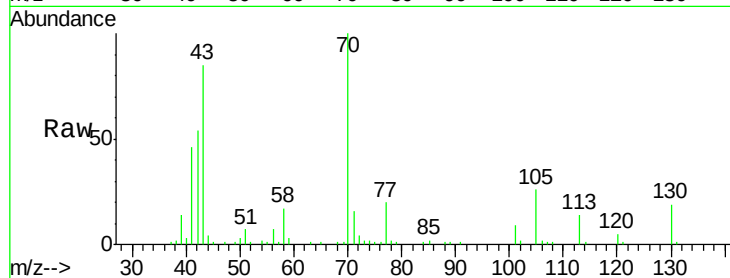
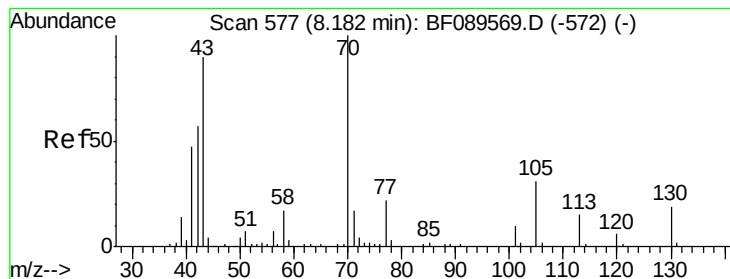
Tot Ion:107 Resp: 87165
Ion Ratio Lower Upper
107 100
108 112.6 91.3 136.9
77 70.4 58.1 87.1
79 64.5 54.8 82.2



#18
Hexachloroethane
Concen: 36.66 ng
RT: 8.25 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

Tgt Ion:117 Resp: 50901
Ion Ratio Lower Upper
117 100
119 94.3 75.5 113.3
201 98.6 78.8 118.2





#19

n-Nitroso-di-n-propylamine

Concen: 37.48 ng

RT: 8.18 min Scan# 577

Delta R.T. -0.00 min

Lab File: BF089573.D

Acq: 3 Aug 2016 22:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 88638

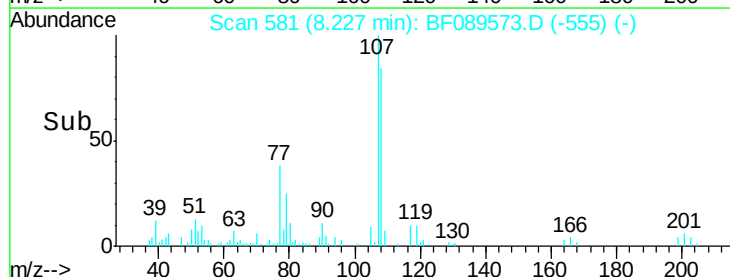
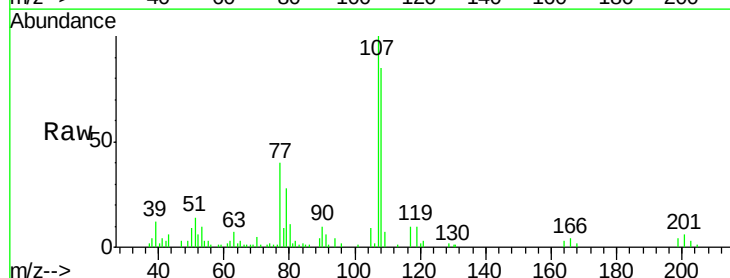
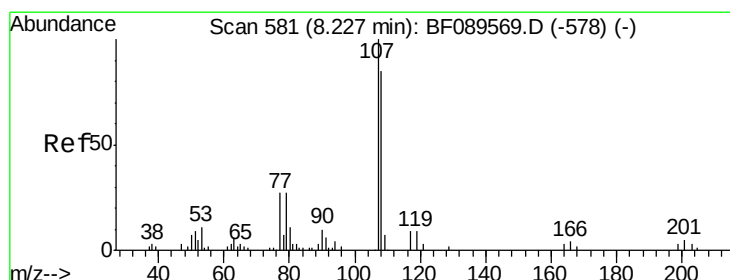
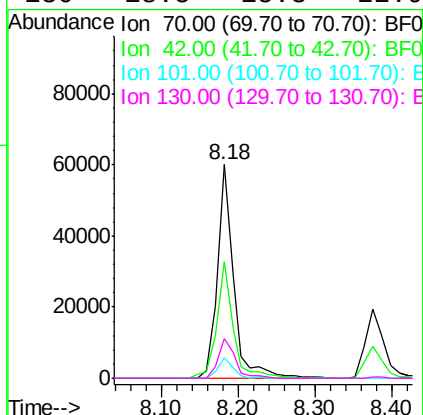
Ion Ratio Lower Upper

70 100

42 54.4 45.5 68.3

101 9.4 7.7 11.5

130 18.5 15.3 22.9



#20

3+4-Methylphenols

Concen: 37.79 ng

RT: 8.23 min Scan# 581

Delta R.T. 0.00 min

Lab File: BF089573.D

Acq: 3 Aug 2016 22:42

Tgt Ion: 107 Resp: 109272

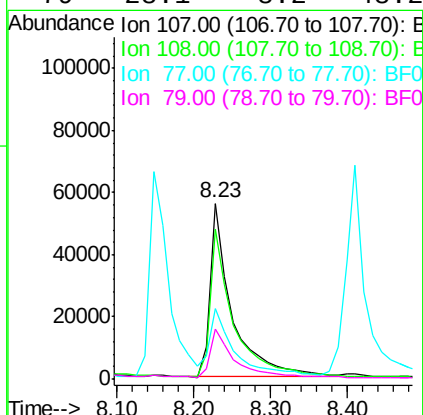
Ion Ratio Lower Upper

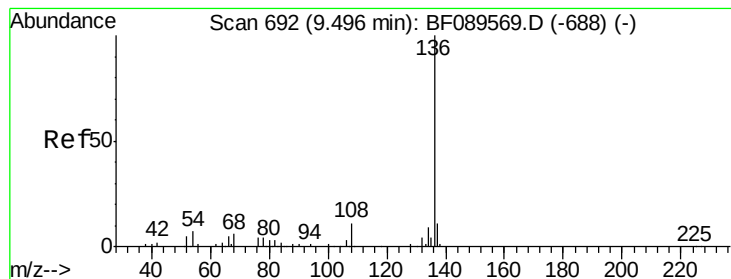
107 100

108 84.9 65.6 105.6

77 40.4 20.1 60.1

79 28.1 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: BF089573.D

Acq: 3 Aug 2016 22:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 180634

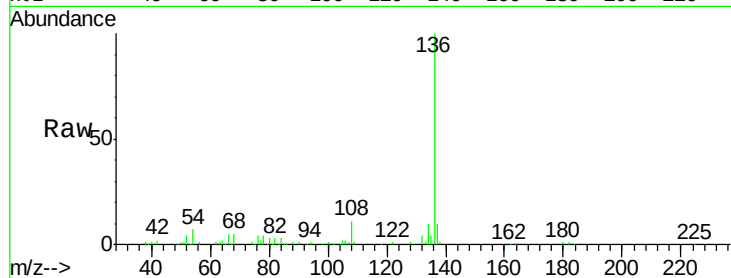
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 7.3 5.9 8.9

68 5.3 4.5 6.7

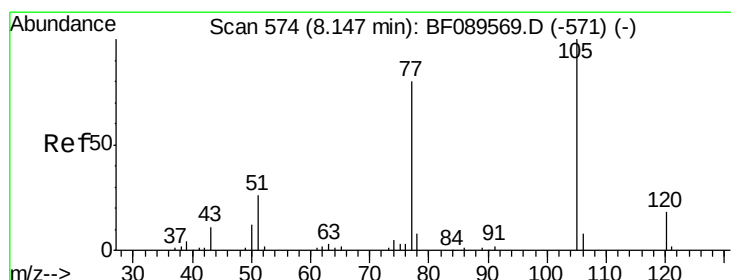
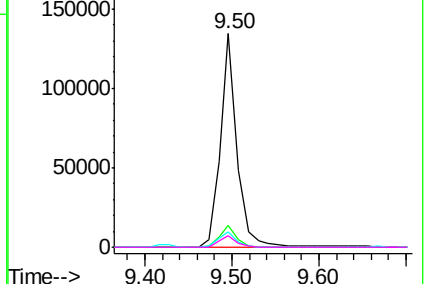
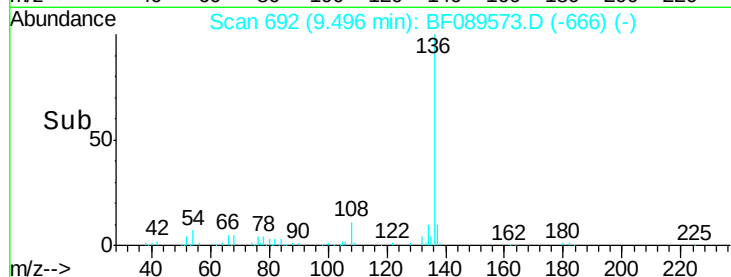


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 35.03 ng

RT: 8.15 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF089573.D

Acq: 3 Aug 2016 22:42

Tgt Ion:105 Resp: 150198

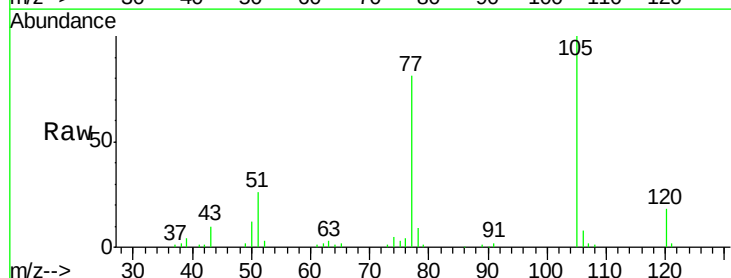
Ion Ratio Lower Upper

105 100

71 0.0 0.0 0.0

51 26.3 21.1 31.7

120 18.4 14.7 22.1

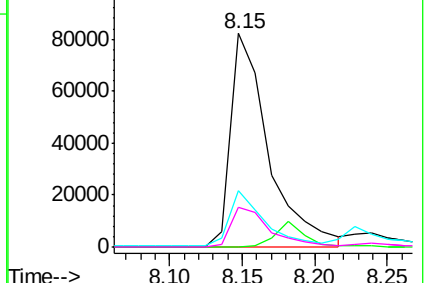
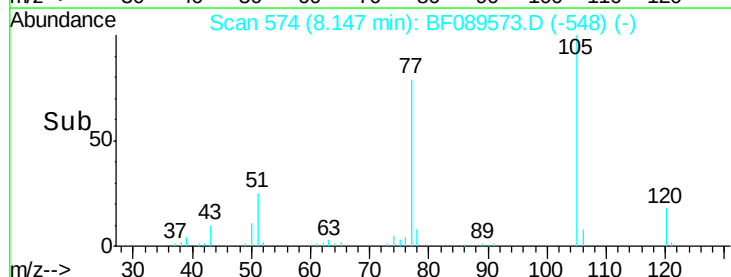


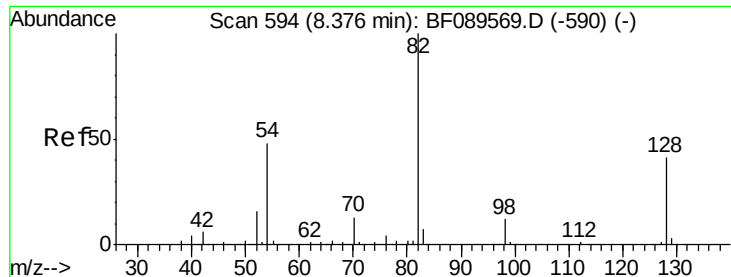
Abundance Ion 105.00 (104.70 to 105.70): E

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

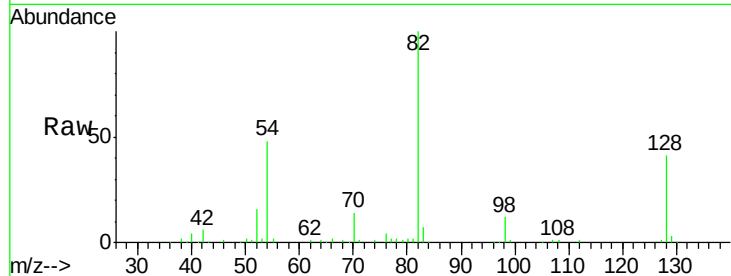




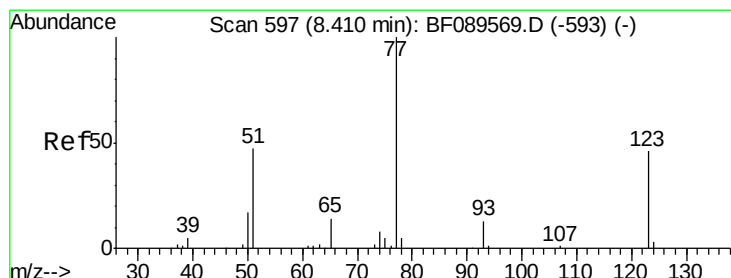
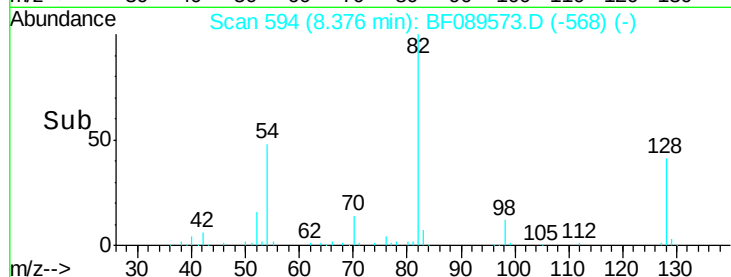
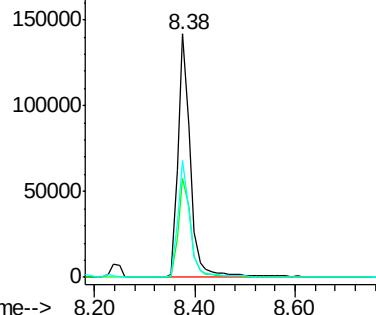
#23
 Nitrobenzene-d5
 Concen: 75.04 ng
 RT: 8.38 min Scan# 594
 Delta R.T. -0.00 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.9	32.4	48.6
54	48.0	38.6	58.0

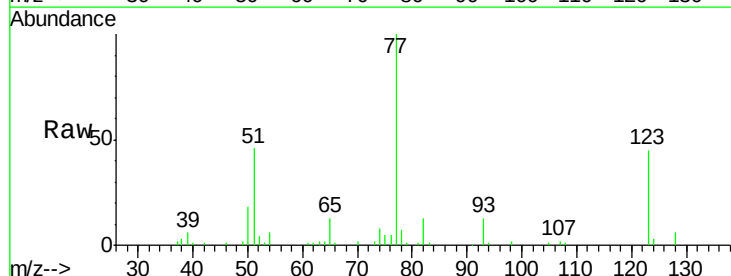


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

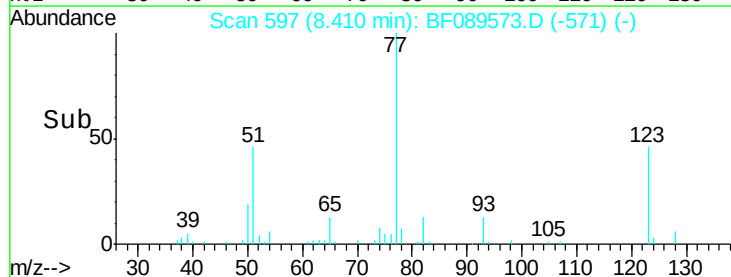
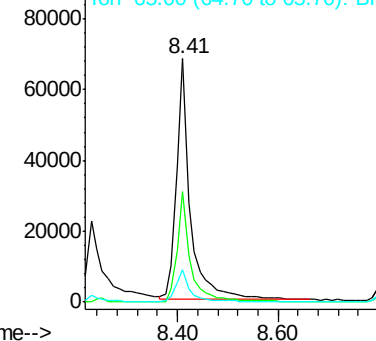


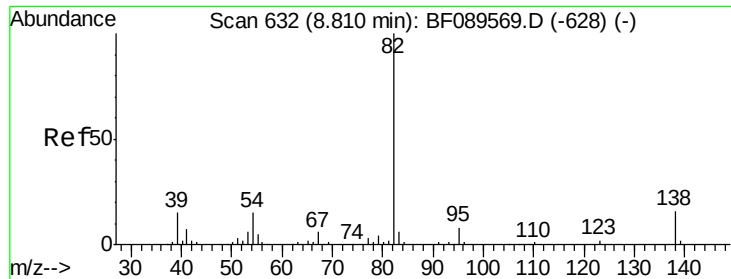
#24
 Nitrobenzene
 Concen: 39.14 ng
 RT: 8.41 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.4	36.2	54.2
65	13.2	10.7	16.1



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





#25

Isophorone

Concen: 39.22 ng

RT: 8.81 min Scan# 632

Delta R.T. -0.00 min

Lab File: BF089573.D

Acq: 3 Aug 2016 22:42

Instrument :

BNA_F

ClientSampleId :

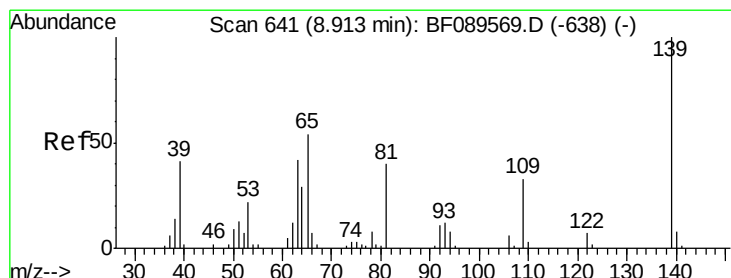
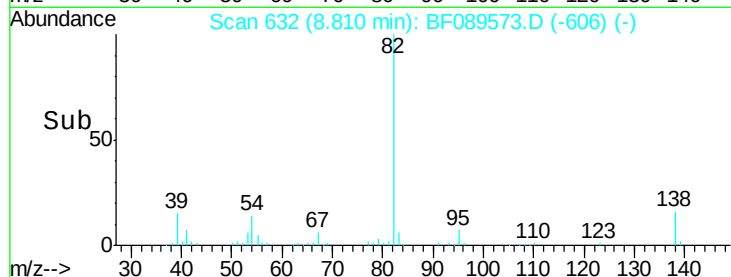
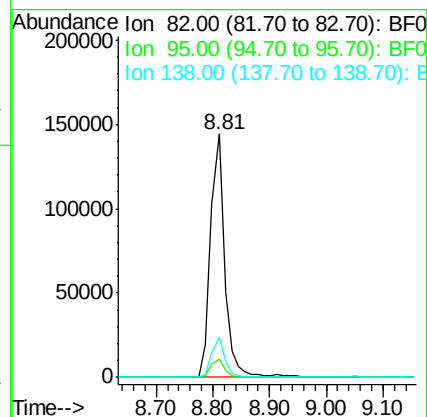
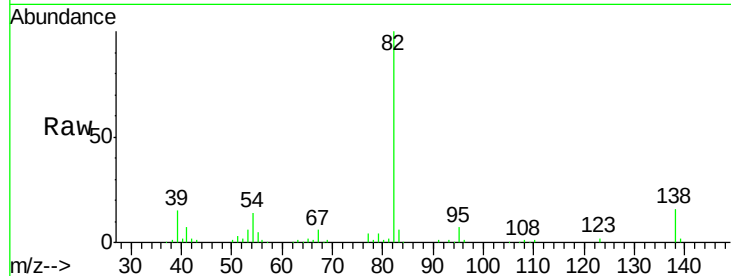
Tot Ion: 82 Resp: 243157

Ion Ratio Lower Upper

82 100

95 7.4 6.1 9.1

138 16.2 13.0 19.4



#26

2-Nitrophenol

Concen: 39.15 ng

RT: 8.91 min Scan# 641

Delta R.T. -0.00 min

Lab File: BF089573.D

Acq: 3 Aug 2016 22:42

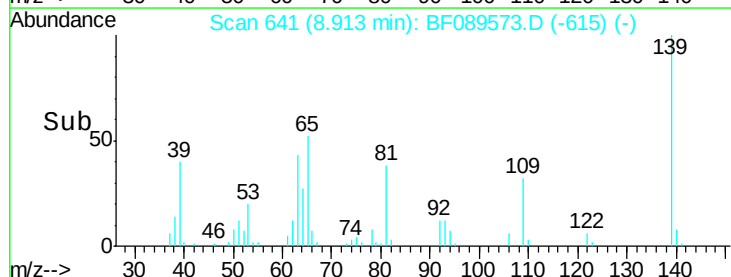
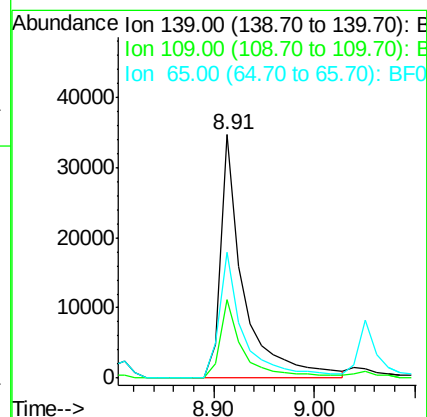
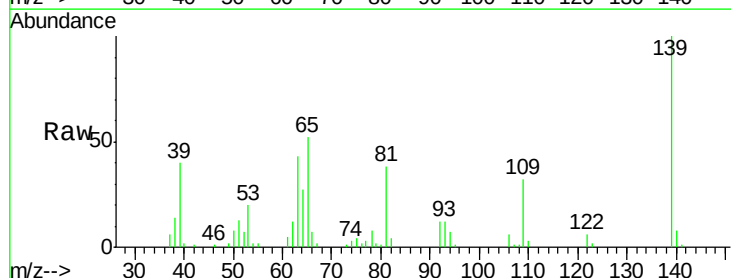
Tgt Ion: 139 Resp: 55425

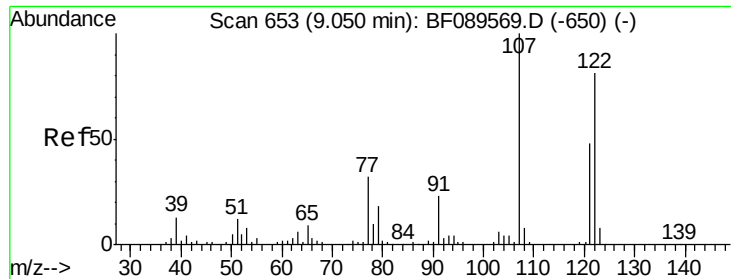
Ion Ratio Lower Upper

139 100

109 32.3 26.7 40.1

65 51.7 43.3 64.9

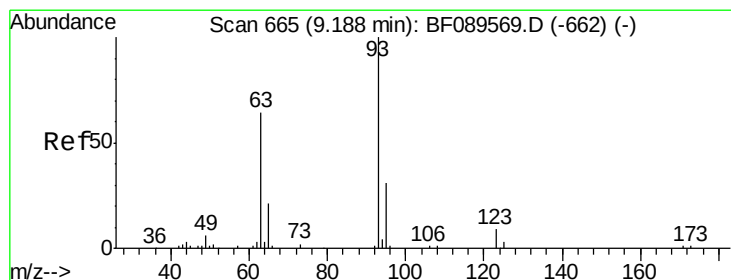
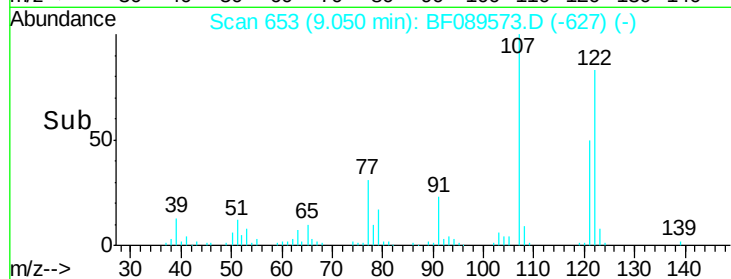
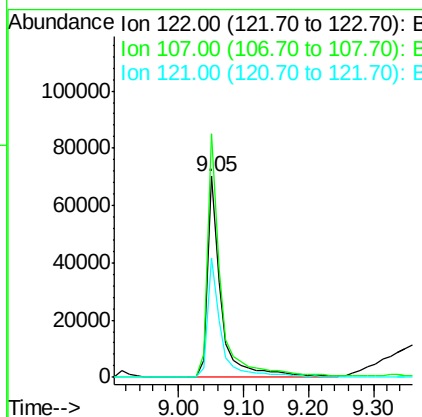
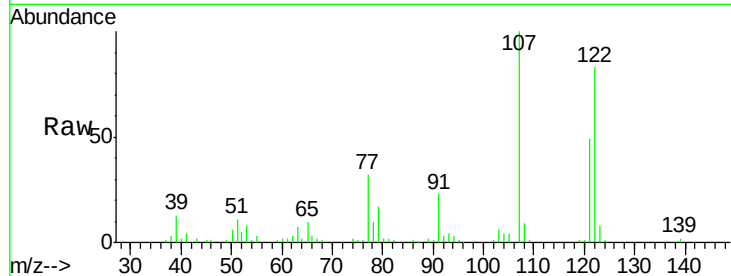




#27
 2,4-Dimethylphenol
 Concen: 40.49 ng
 RT: 9.05 min Scan# 653
 Delta R.T. -0.00 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

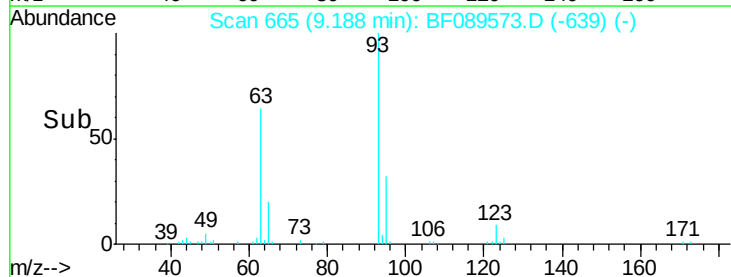
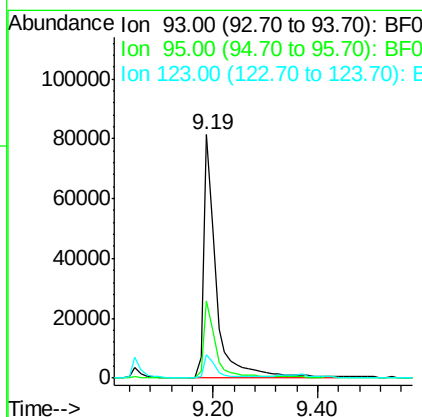
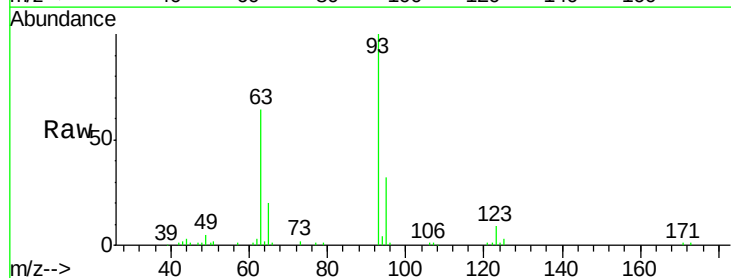
Instrument :
 BNA_F
 ClientSampled :

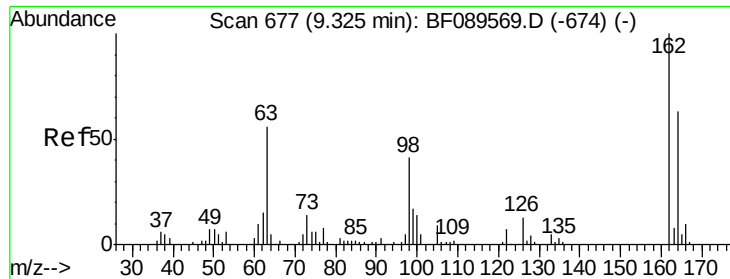
Tot Ion:122 Resp: 102700
 Ion Ratio Lower Upper
 122 100
 107 121.0 99.3 148.9
 121 59.7 47.8 71.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.63 ng
 RT: 9.19 min Scan# 665
 Delta R.T. -0.00 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

Tgt Ion: 93 Resp: 136035
 Ion Ratio Lower Upper
 93 100
 95 31.8 25.0 37.6
 123 9.4 7.4 11.2

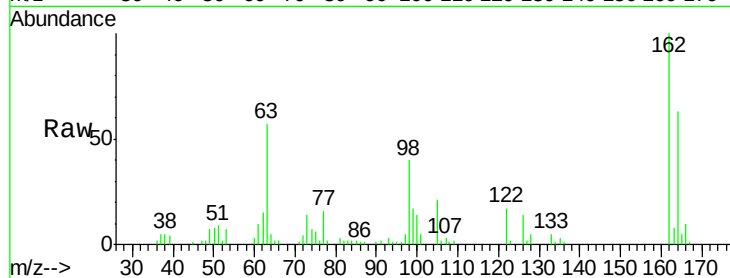




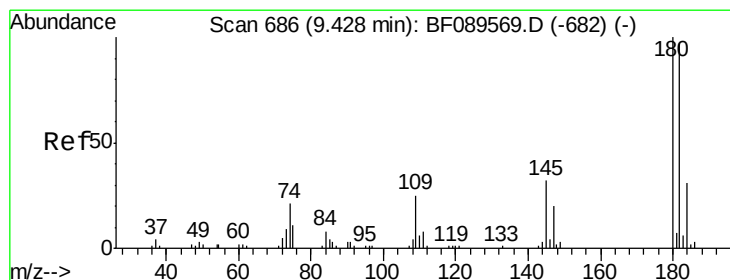
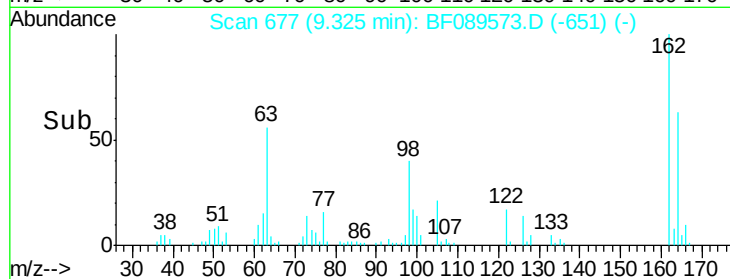
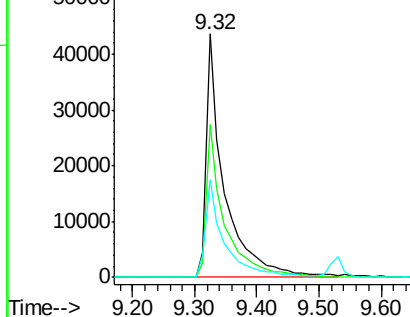
#29
 2,4-Dichlorophenol
 Concen: 36.92 ng
 RT: 9.32 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.6	43.1	83.1
98	39.9	20.7	60.7

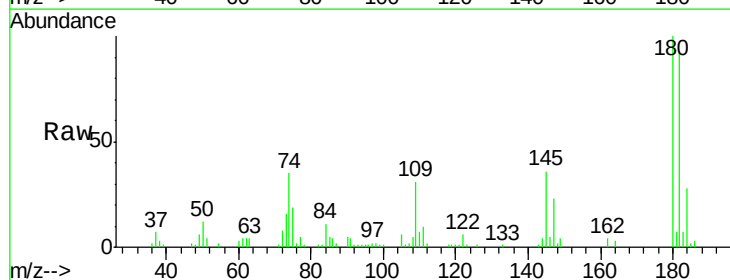


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

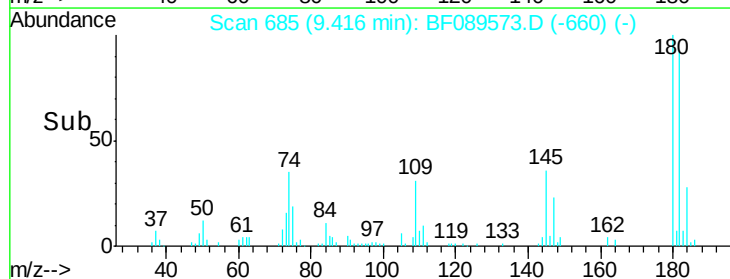
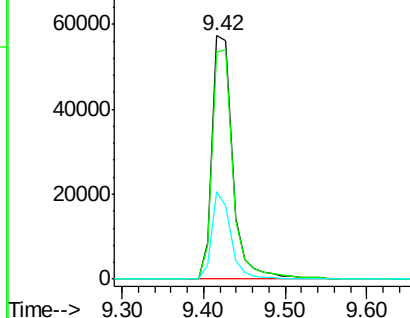


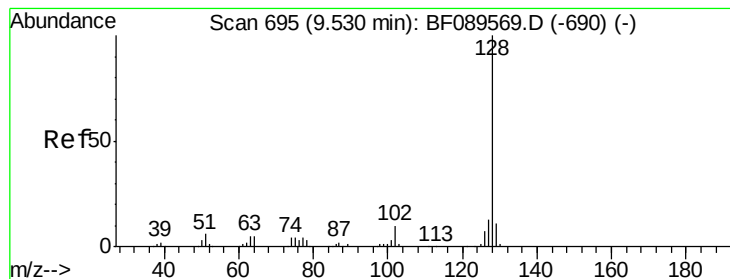
#30
 1,2,4-Trichlorobenzene
 Concen: 37.38 ng
 RT: 9.42 min Scan# 685
 Delta R.T. -0.01 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	77.2	115.8
145	35.8	25.3	37.9



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





#31

Naphthalene

Concen: 36.63 ng

RT: 9.53 min Scan# 695

Delta R.T. -0.00 min

Lab File: BF089573.D

Acq: 3 Aug 2016 22:42

Instrument :

BNA_F

ClientSampleId :

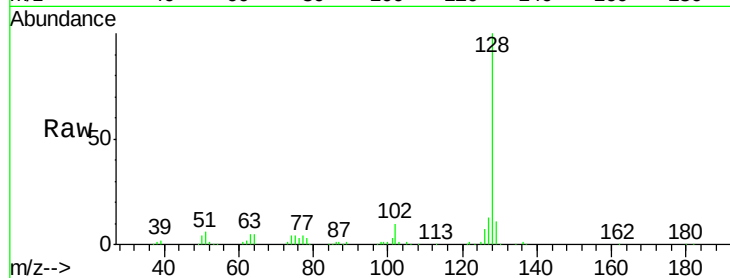
Tot Ion:128 Resp: 351777

Ion Ratio Lower Upper

128 100

129 10.6 8.8 13.2

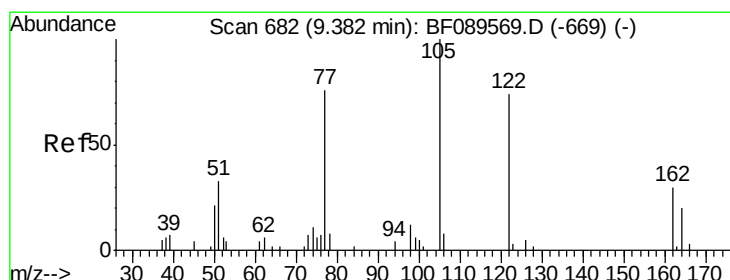
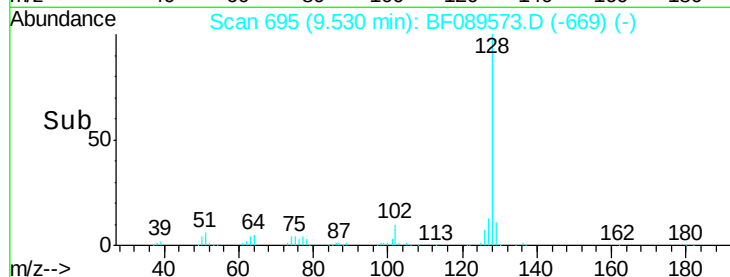
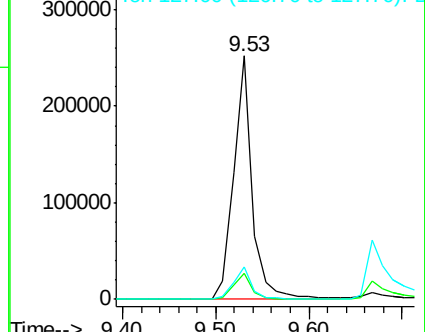
127 13.4 10.8 16.2



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: 36.45 ng

RT: 9.37 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF089573.D

Acq: 3 Aug 2016 22:42

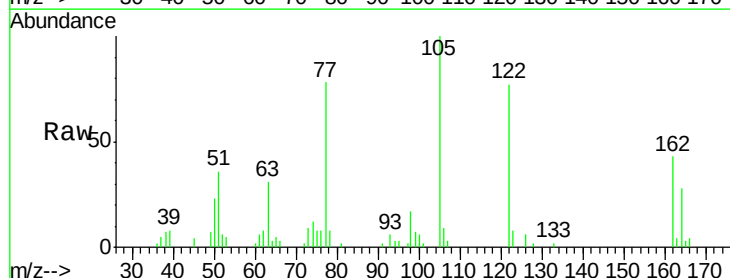
Tgt Ion:122 Resp: 61406

Ion Ratio Lower Upper

122 100

105 129.7 109.8 149.8

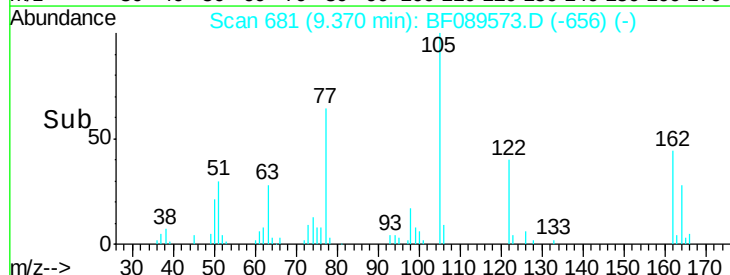
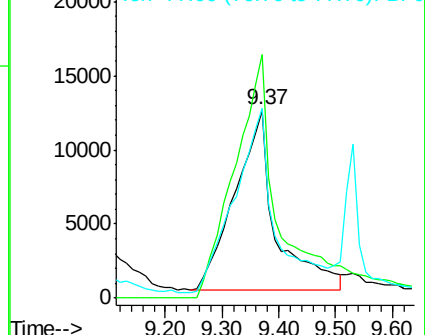
77 100.9 81.8 121.8

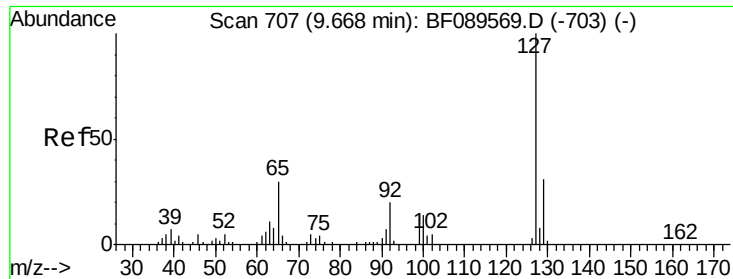


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

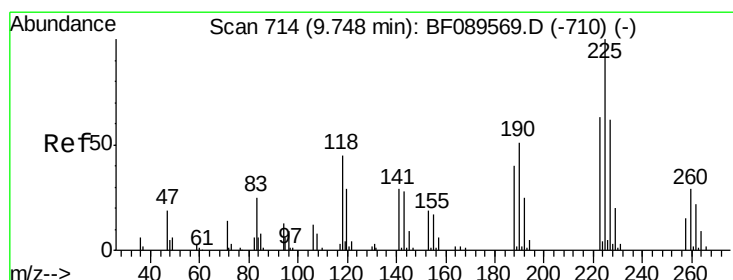
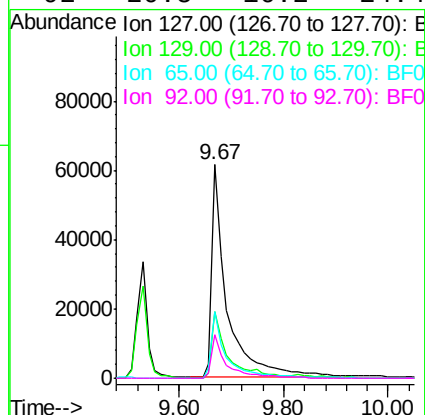
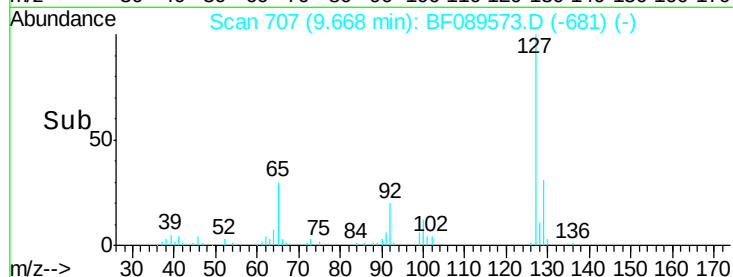
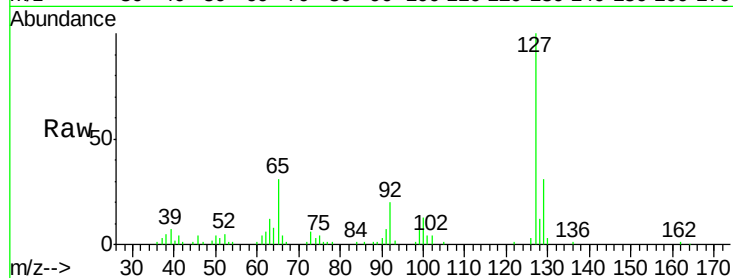




#33
4-Chloroaniline
Concen: 33.37 ng
RT: 9.67 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

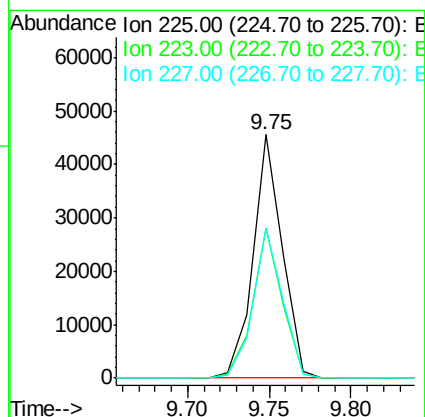
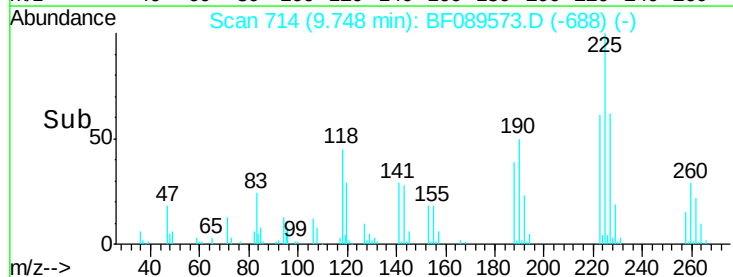
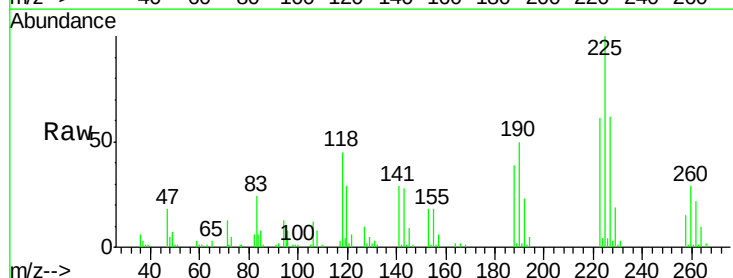
Instrument :
BNA_F
ClientSampled :

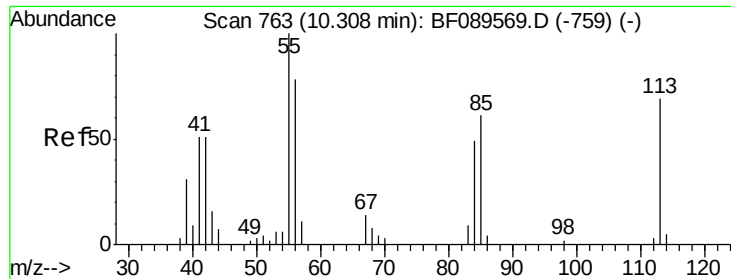
Tot Ion:	127	Resp:	123783
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.0	37.4
65	31.3	24.3	36.5
92	20.5	16.2	24.4



#34
Hexachlorobutadiene
Concen: 35.63 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.00 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

Tgt Ion:	225	Resp:	56369
Ion	Ratio	Lower	Upper
225	100		
223	61.5	50.3	75.5
227	61.9	49.6	74.4





#35

Caprolactam

Concen: 37.93 ng

RT: 10.30 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF089573.D

Acq: 3 Aug 2016 22:42

Instrument :
BNA_F
ClientSampled :

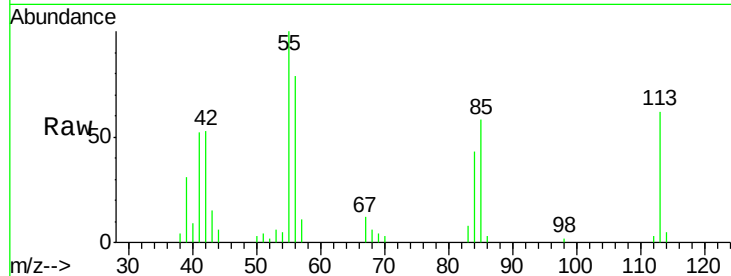
Tot Ion:113 Resp: 26619

Ion Ratio Lower Upper

113 100

55 161.5 124.4 164.4

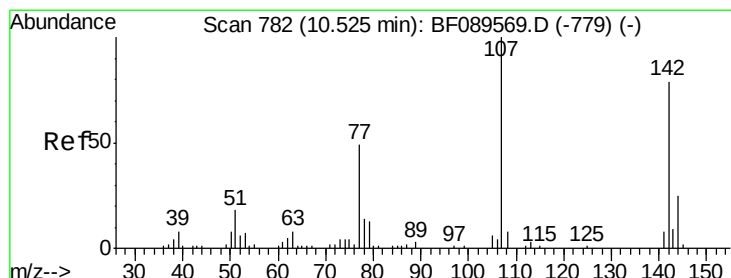
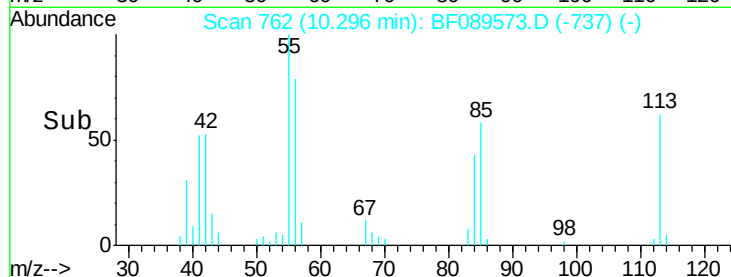
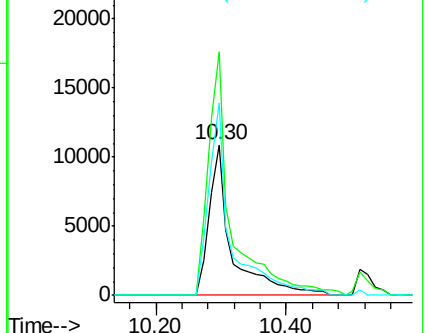
56 127.3 92.2 132.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 39.27 ng

RT: 10.51 min Scan# 781

Delta R.T. -0.01 min

Lab File: BF089573.D

Acq: 3 Aug 2016 22:42

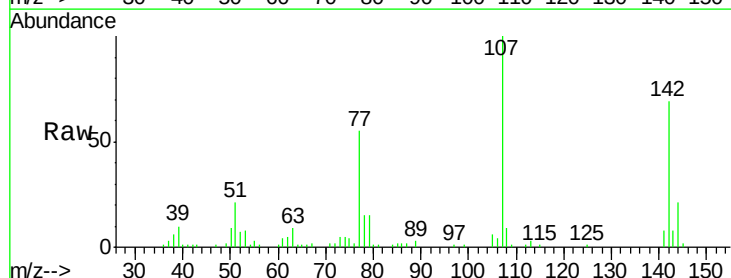
Tgt Ion:107 Resp: 109822

Ion Ratio Lower Upper

107 100

144 21.0 19.9 29.9

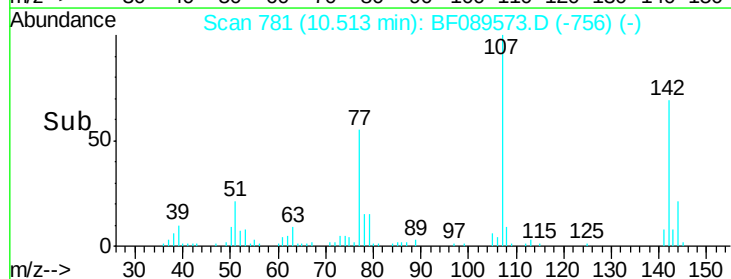
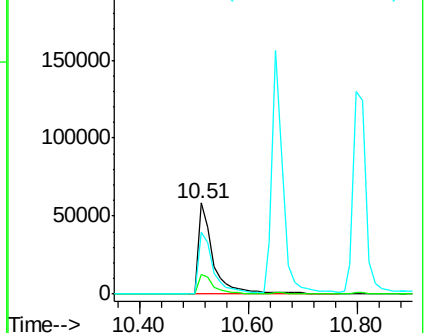
142 68.8 63.0 94.6

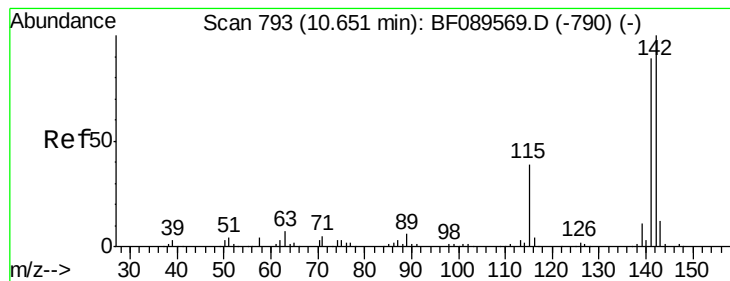


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 36.36 ng

RT: 10.65 min Scan# 793

Delta R.T. -0.00 min

Lab File: BF089573.D

Acq: 3 Aug 2016 22:42

Instrument :

BNA_F

ClientSampleId :

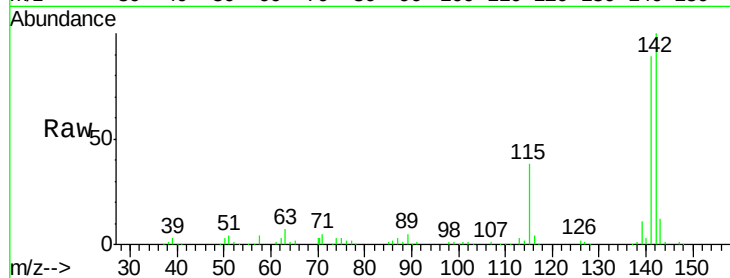
Tot Ion:142 Resp: 213476

Ion Ratio Lower Upper

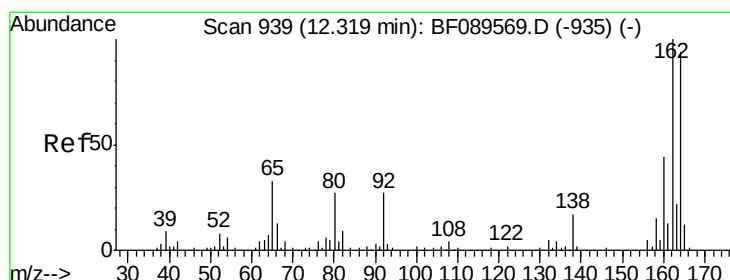
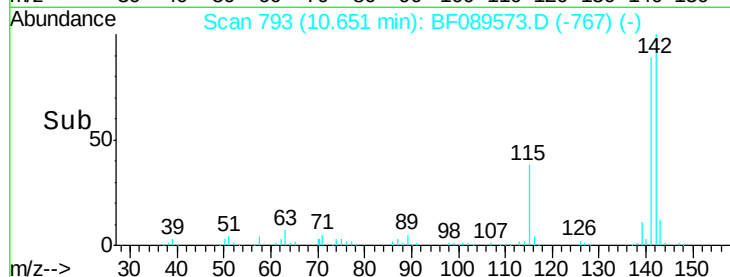
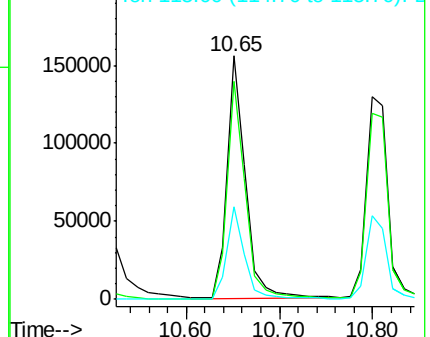
142 100

141 89.3 70.9 106.3

115 38.1 30.7 46.1



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.32 min Scan# 939

Delta R.T. -0.00 min

Lab File: BF089573.D

Acq: 3 Aug 2016 22:42

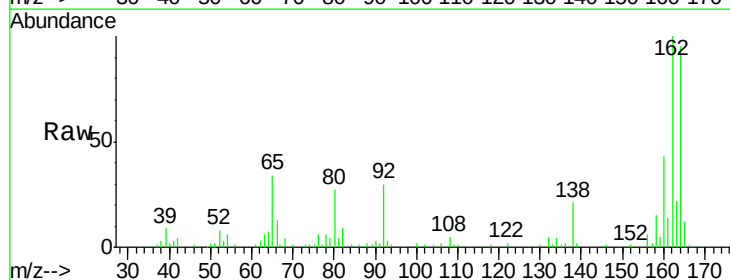
Tgt Ion:164 Resp: 83568

Ion Ratio Lower Upper

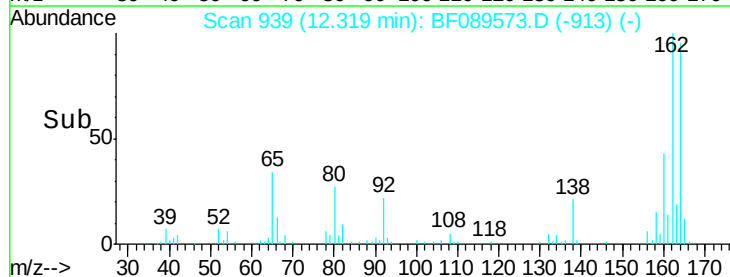
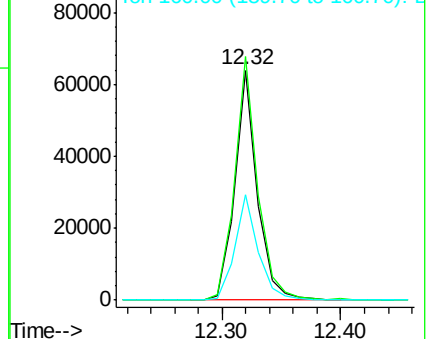
164 100

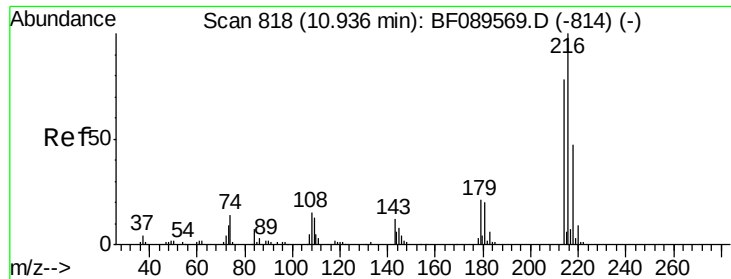
162 105.8 85.4 128.2

160 45.5 37.3 55.9



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

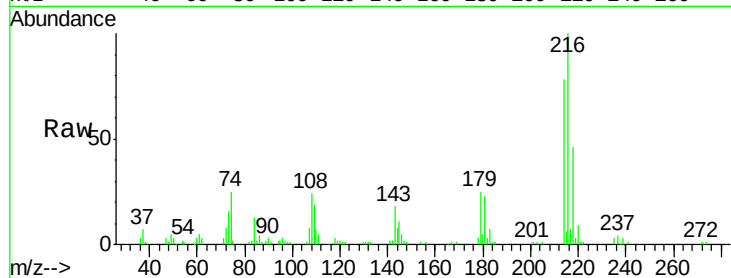




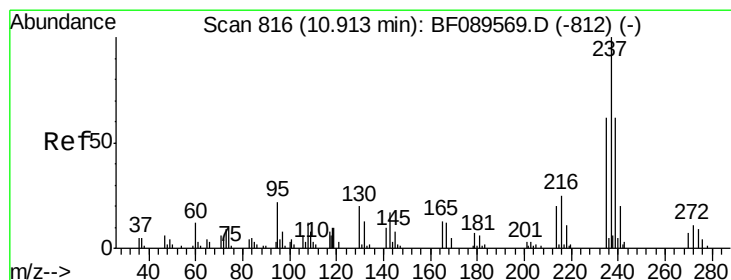
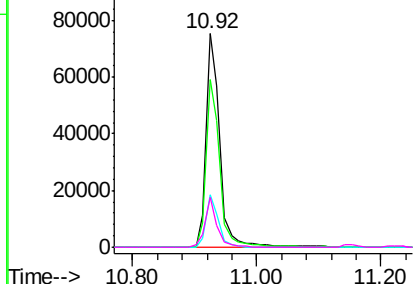
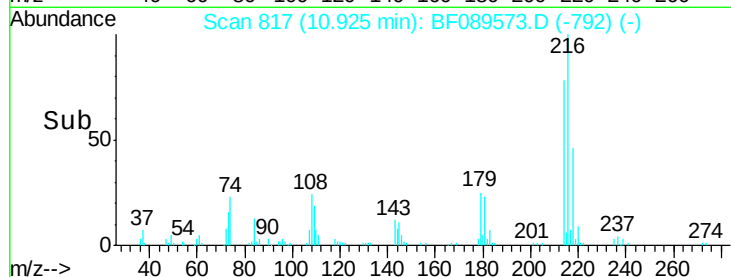
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.75 ng
 RT: 10.92 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:216 Resp: 115742
 Ion Ratio Lower Upper
 216 100
 214 77.3 62.5 93.7
 179 22.1 18.0 27.0
 108 20.4 16.2 24.4

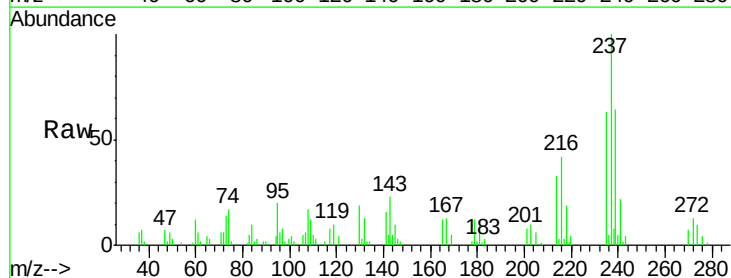


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

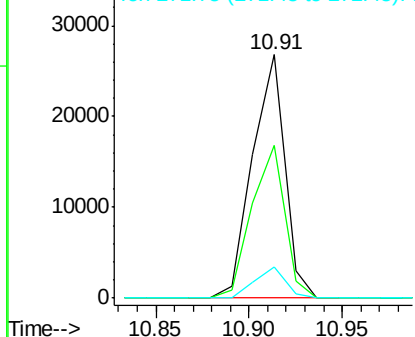
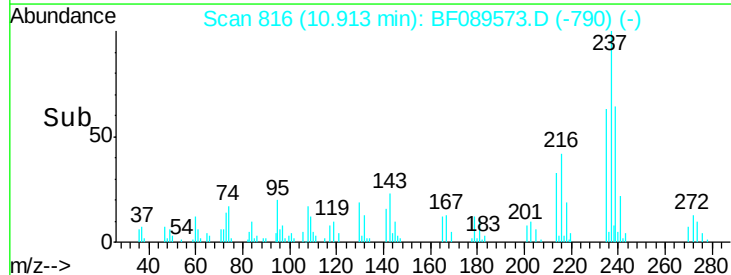


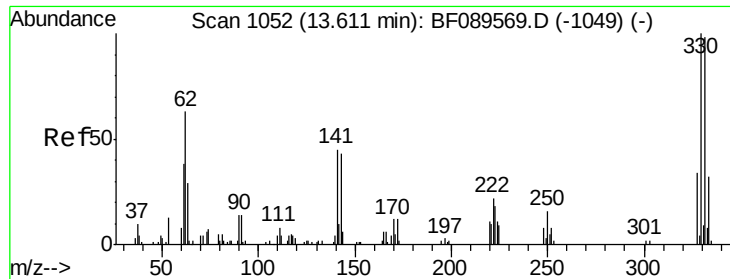
#40
 Hexachlorocyclopentadiene
 Concen: 33.33 ng
 RT: 10.91 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

Tgt Ion:237 Resp: 32262
 Ion Ratio Lower Upper
 237 100
 235 62.6 41.5 81.5
 272 12.7 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

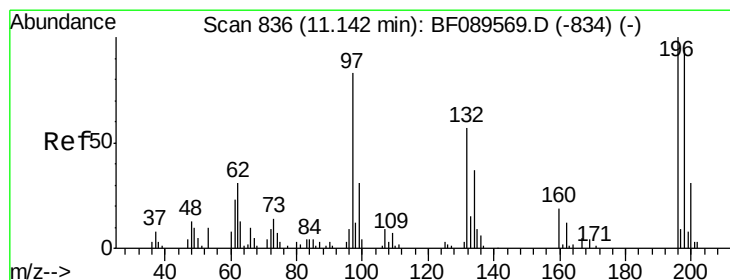
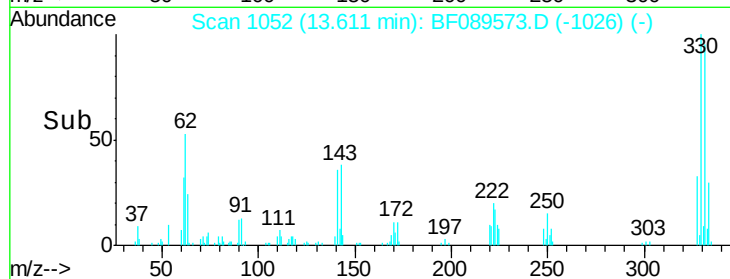
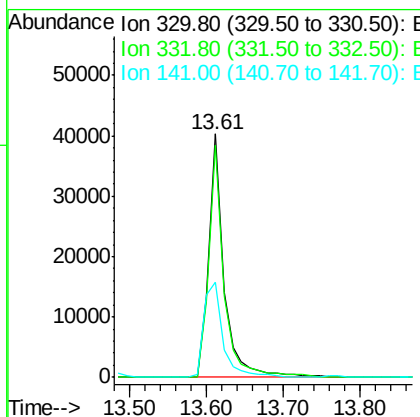
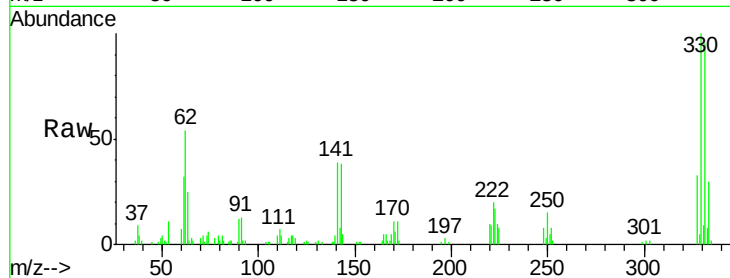




#41
 2,4,6-Tribromophenol
 Concen: 83.75 ng
 RT: 13.61 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

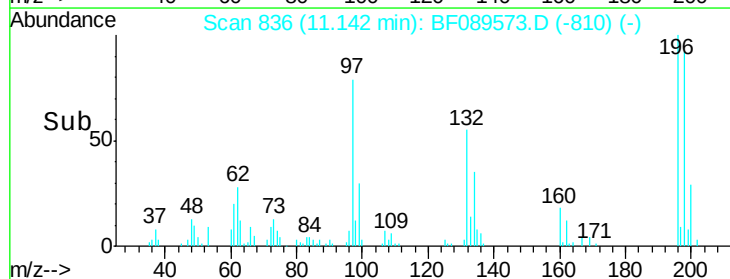
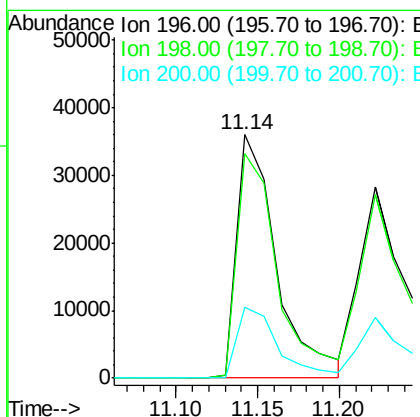
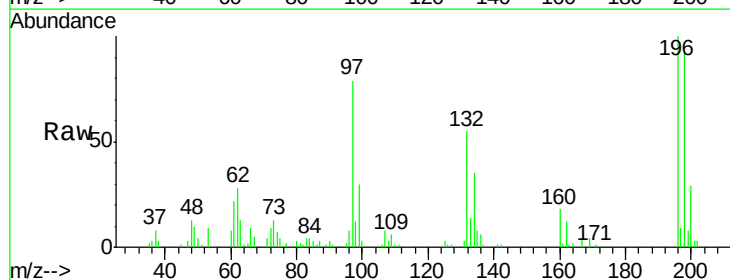
Instrument :
 BNA_F
 ClientSampleId :

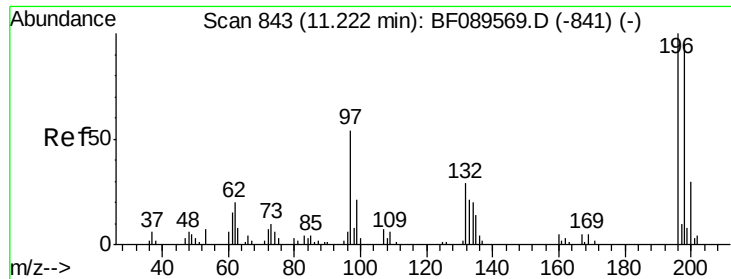
Tot Ion:330 Resp: 55589
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.7 115.1
 141 48.7 40.3 60.5



#42
 2,4,6-Trichlorophenol
 Concen: 39.41 ng
 RT: 11.14 min Scan# 836
 Delta R.T. -0.00 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

Tgt Ion:196 Resp: 60676
 Ion Ratio Lower Upper
 196 100
 198 92.0 75.5 113.3
 200 28.9 24.9 37.3

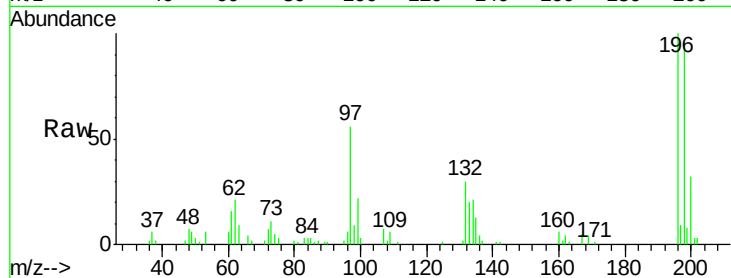




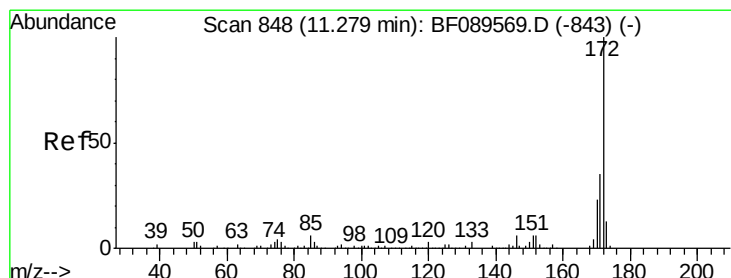
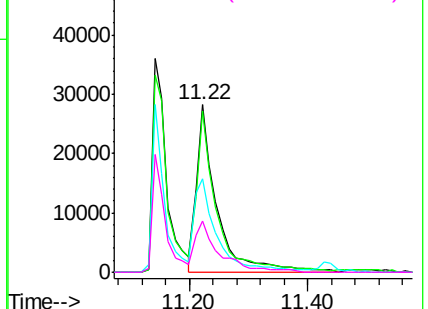
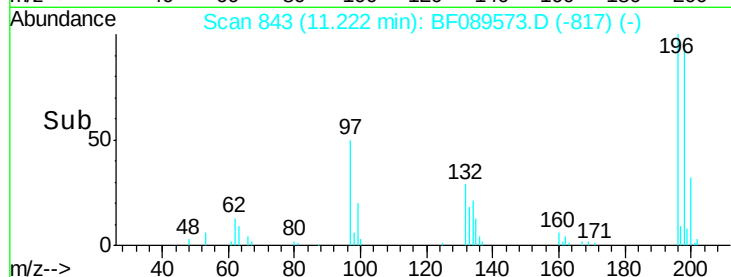
#43
 2,4,5-Trichlorophenol
 Concen: 42.04 ng
 RT: 11.22 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 68553
 Ion Ratio Lower Upper
 196 100
 198 96.3 75.9 113.9
 97 56.1 43.9 65.9
 132 30.4 24.5 36.7

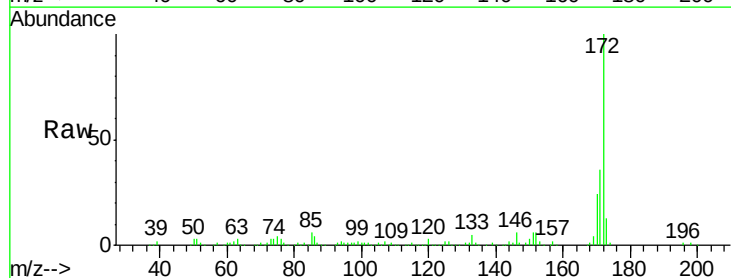


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

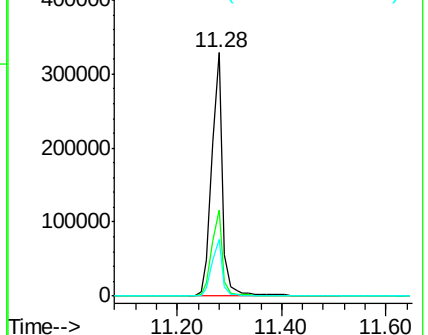
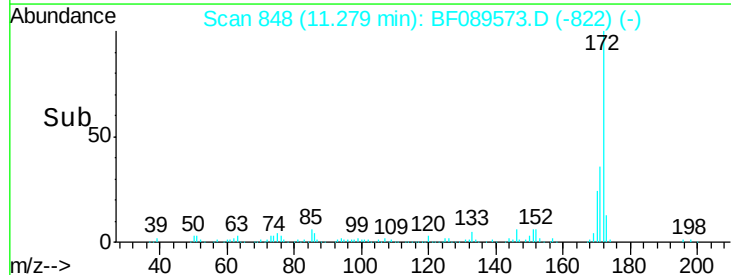


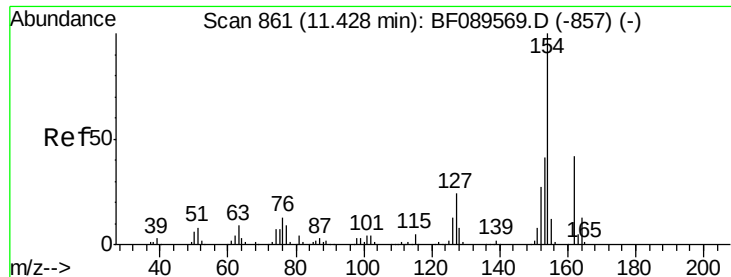
#44
 2-Fluorobiphenyl
 Concen: 74.25 ng
 RT: 11.28 min Scan# 848
 Delta R.T. -0.00 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

Tgt Ion:172 Resp: 477766
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.1 42.1
 170 23.5 18.6 28.0



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

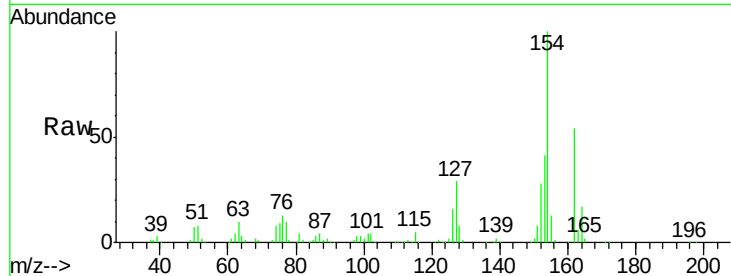




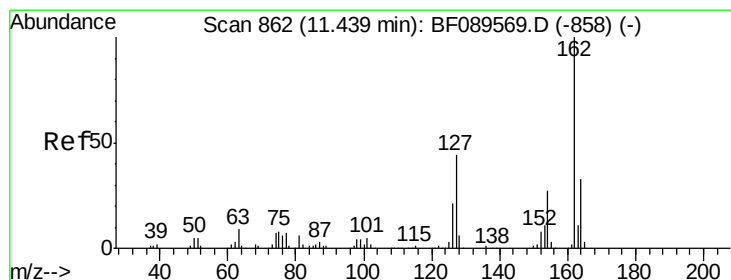
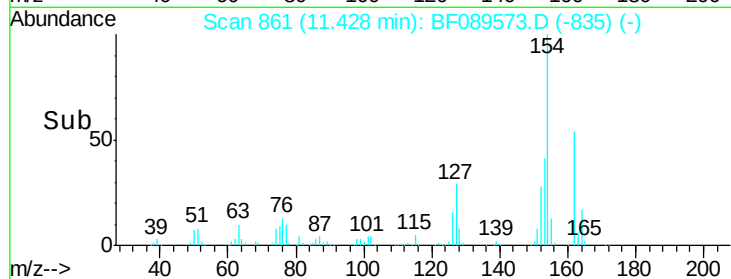
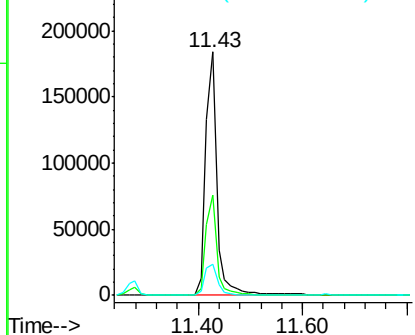
#45
 1,1'-Biphenyl
 Concen: 37.19 ng
 RT: 11.43 min Scan# 861
 Delta R.T. -0.00 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:154 Resp: 280689
 Ion Ratio Lower Upper
 154 100
 153 41.1 20.6 60.6
 76 13.0 0.0 33.3

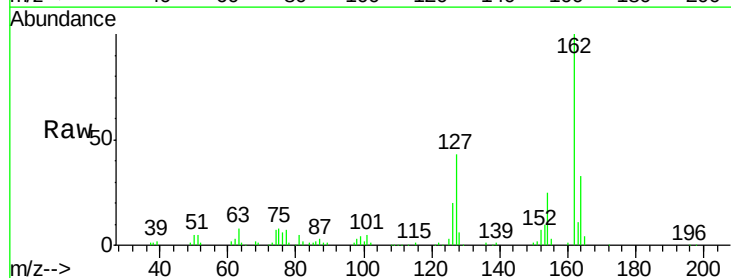


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

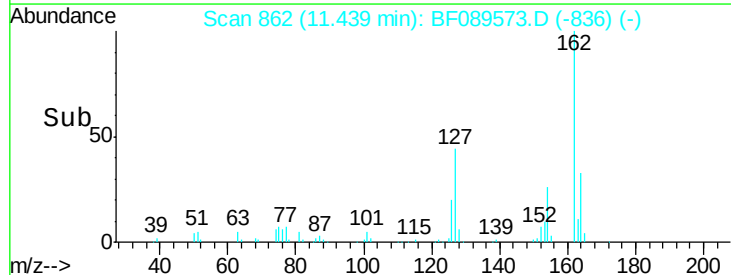
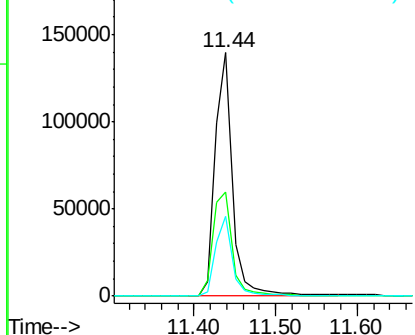


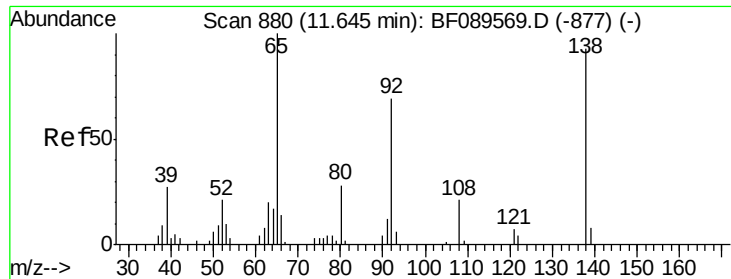
#46
 2-Chloronaphthalene
 Concen: 36.94 ng
 RT: 11.44 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

Tgt Ion:162 Resp: 208864
 Ion Ratio Lower Upper
 162 100
 127 42.7 35.0 52.4
 164 32.8 26.2 39.2



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 35.45 ng

RT: 11.64 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF089573.D

Acq: 3 Aug 2016 22:42

Instrument :

BNA_F

ClientSampleId :

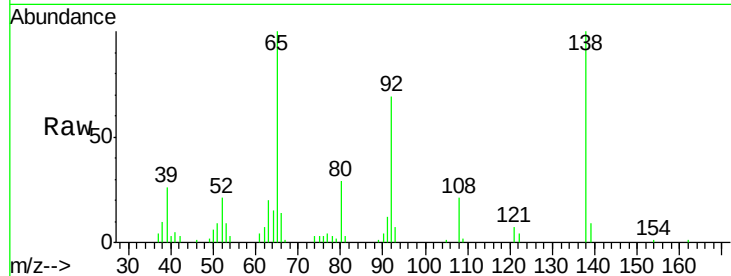
Tot Ion: 65 Resp: 63581

Ion Ratio Lower Upper

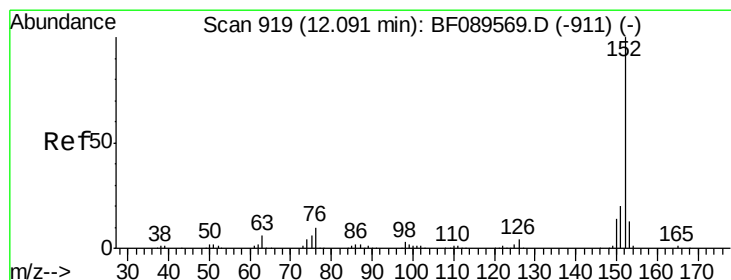
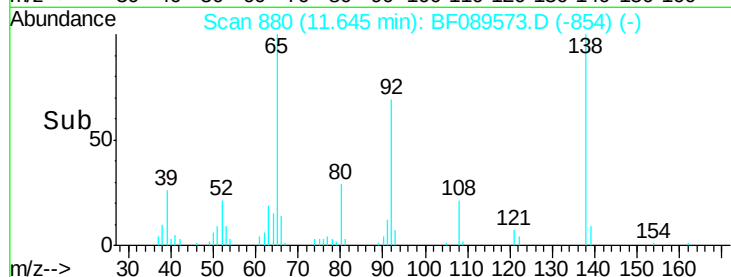
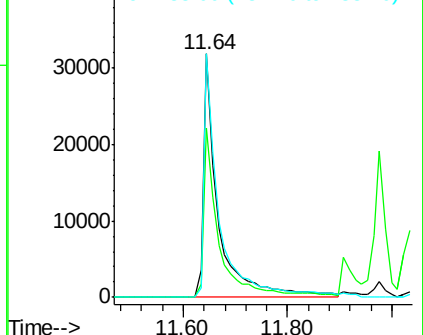
65 100

92 69.4 54.9 82.3

138 99.8 74.0 111.0



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



#48

Acenaphthylene

Concen: 37.77 ng

RT: 12.09 min Scan# 919

Delta R.T. -0.00 min

Lab File: BF089573.D

Acq: 3 Aug 2016 22:42

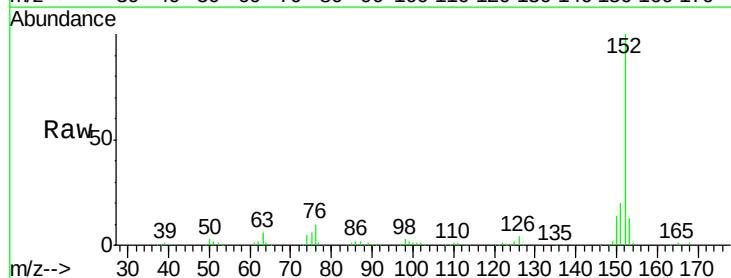
Tgt Ion: 152 Resp: 352092

Ion Ratio Lower Upper

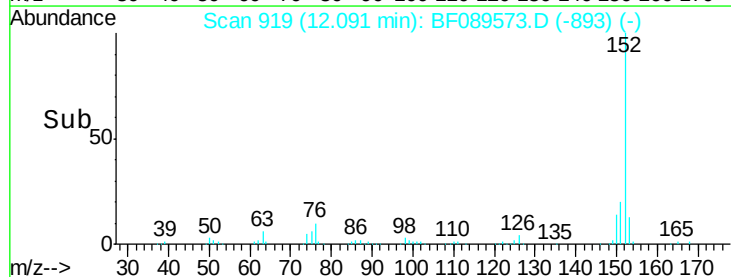
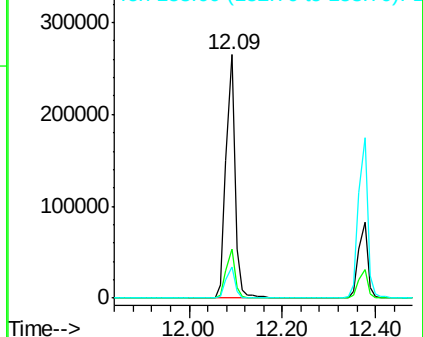
152 100

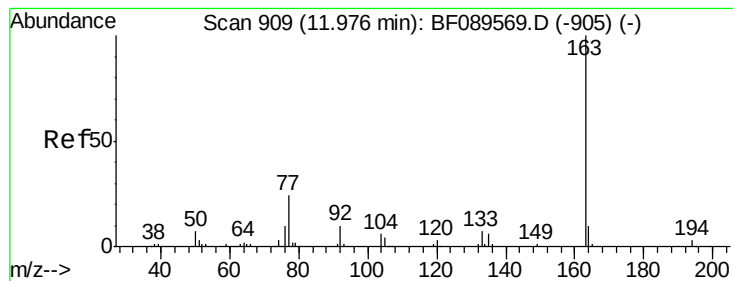
151 20.1 16.3 24.5

153 13.0 10.6 15.8



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





#49

Dimethylphthalate

Concen: 38.95 ng

RT: 11.98 min Scan# 909

Delta R.T. -0.00 min

Lab File: BF089573.D

Acq: 3 Aug 2016 22:42

Instrument :

BNA_F

ClientSampleId :

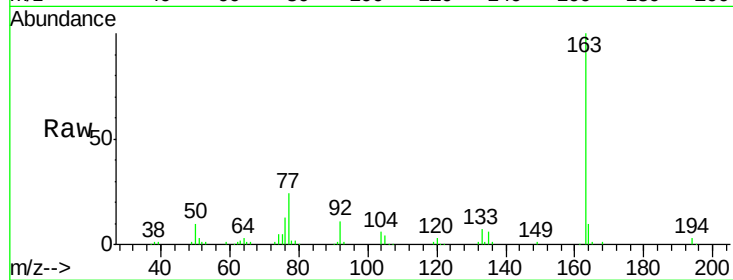
Tot Ion:163 Resp: 249389

Ion Ratio Lower Upper

163 100

194 3.2 2.4 3.6

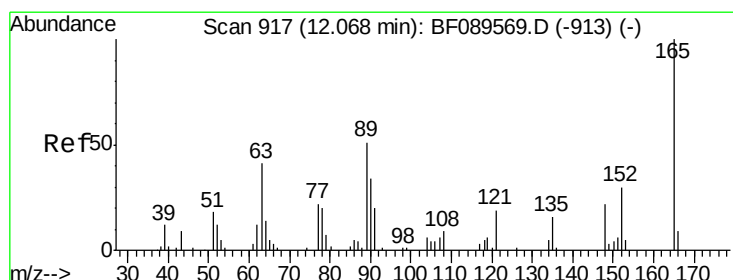
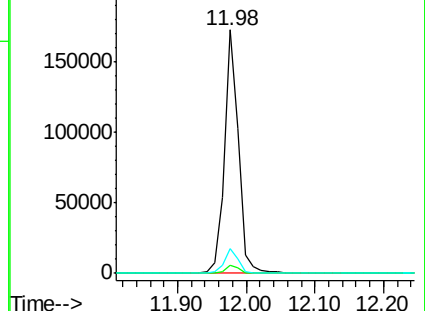
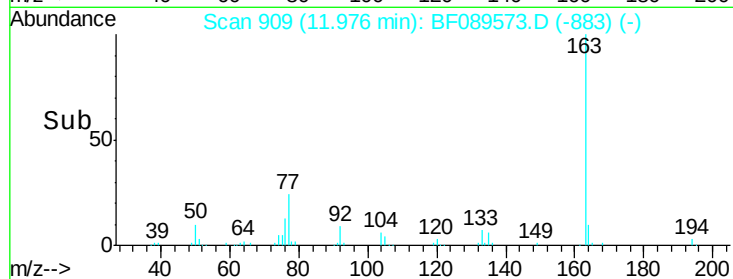
164 10.0 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 40.63 ng

RT: 12.06 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF089573.D

Acq: 3 Aug 2016 22:42

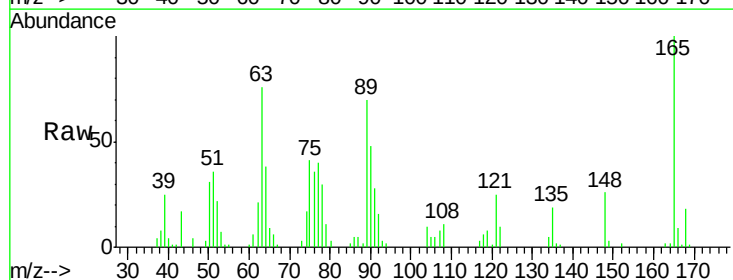
Tgt Ion:165 Resp: 52044

Ion Ratio Lower Upper

165 100

63 76.1 40.2 60.4#

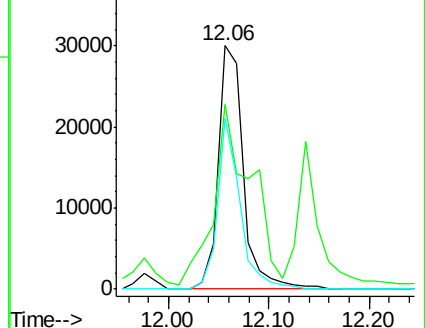
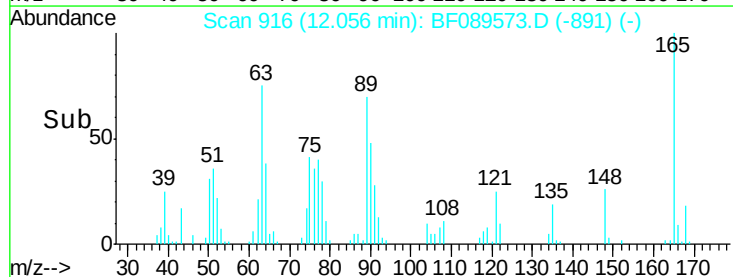
89 70.2 40.6 61.0#

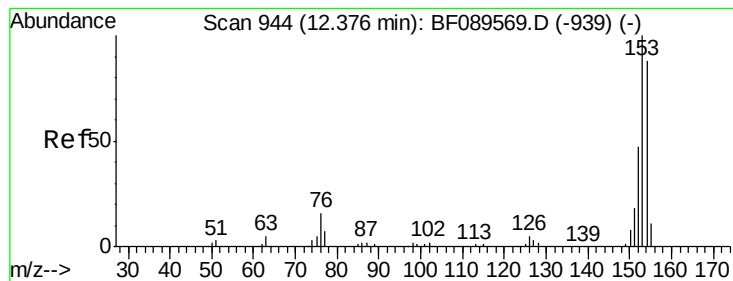


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.80 ng

RT: 12.38 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF089573.D

Acq: 3 Aug 2016 22:42

Instrument :

BNA_F

ClientSampled :

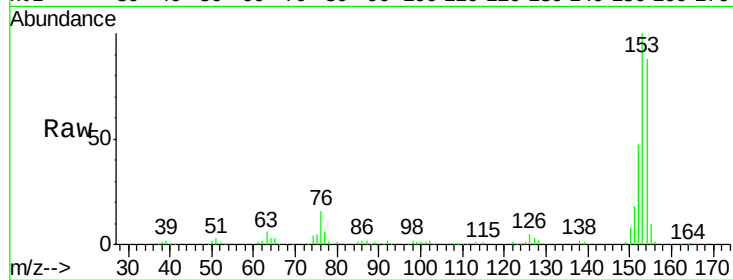
Tot Ion:154 Resp: 204280

Ion Ratio Lower Upper

154 100

153 113.2 91.2 136.8

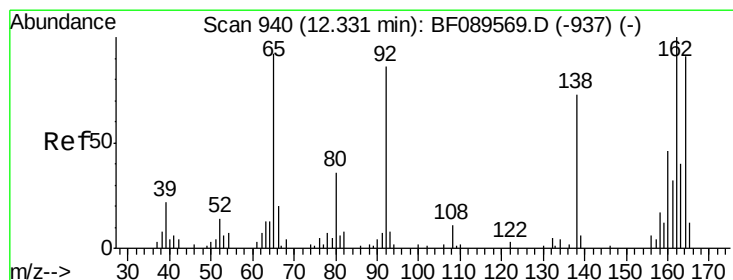
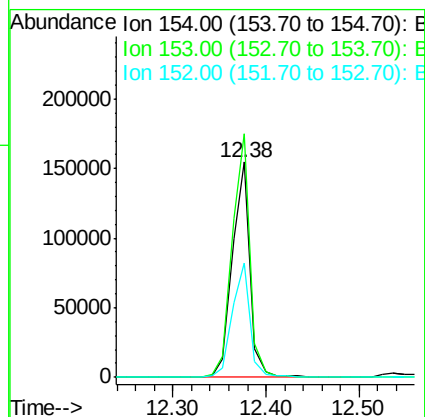
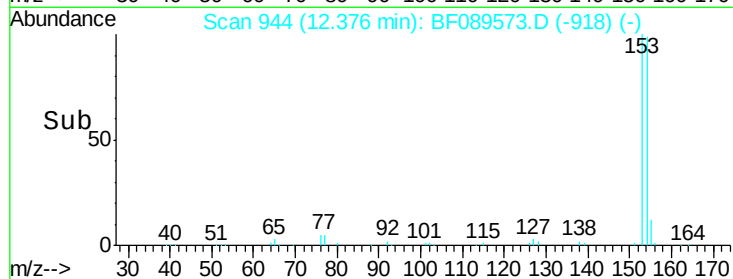
152 53.2 43.1 64.7



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: 36.15 ng

RT: 12.33 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF089573.D

Acq: 3 Aug 2016 22:42

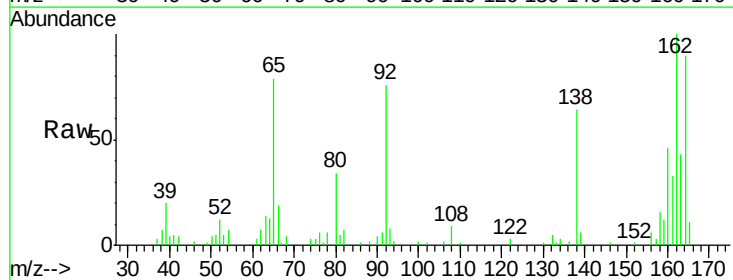
Tgt Ion:138 Resp: 54592

Ion Ratio Lower Upper

138 100

108 14.3 11.6 17.4

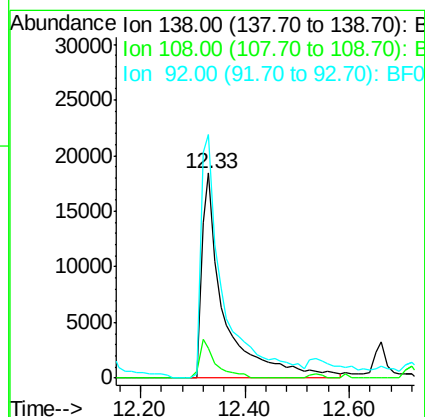
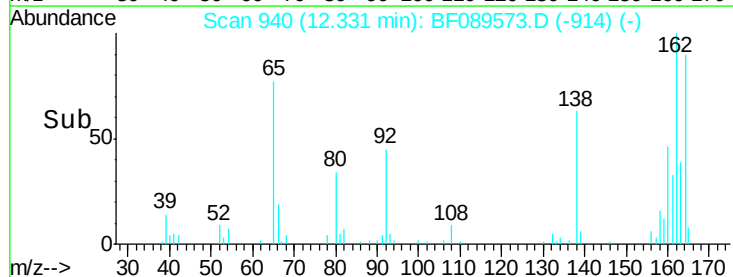
92 118.7 94.6 141.8

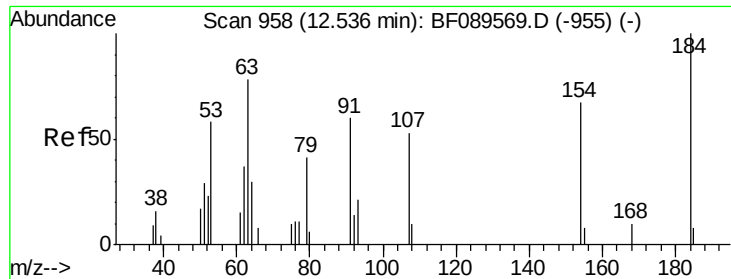


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

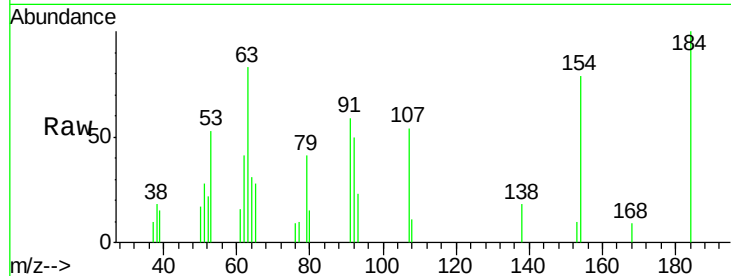




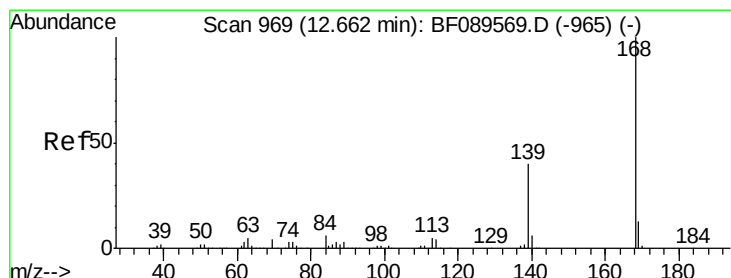
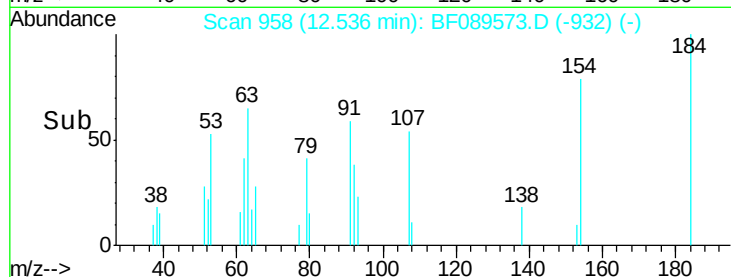
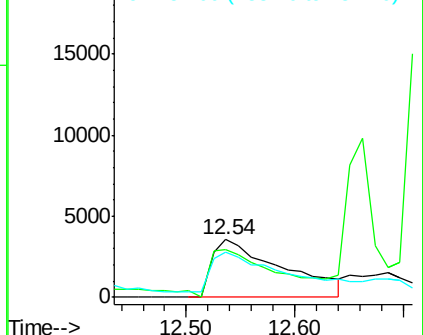
#53
 2,4-Dinitrophenol
 Concen: 37.46 ng
 RT: 12.54 min Scan# 958
 Delta R.T. 0.00 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 15910
 Ion Ratio Lower Upper
 184 100
 63 82.9 69.5 104.3
 154 79.0 61.8 92.6

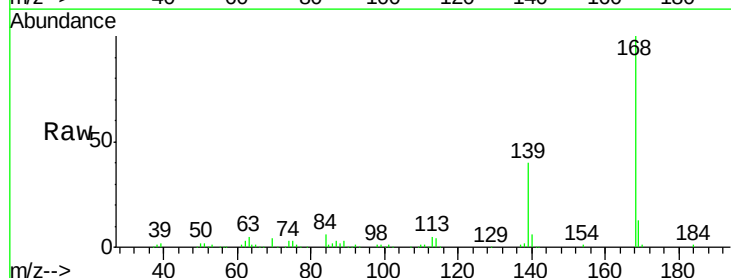


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

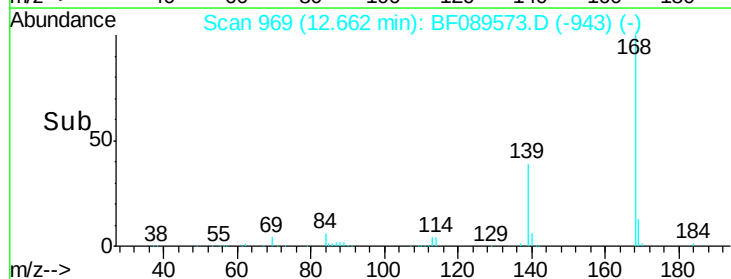
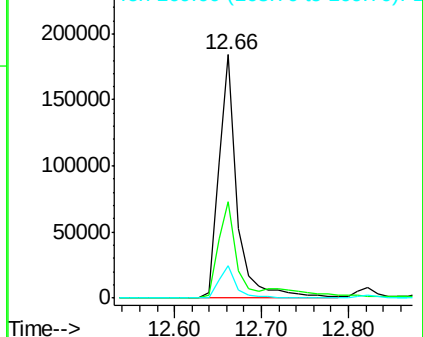


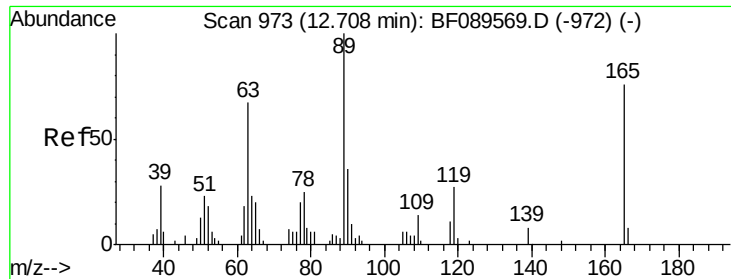
#54
 Dibenzofuran
 Concen: 36.96 ng
 RT: 12.66 min Scan# 969
 Delta R.T. -0.00 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

Tgt Ion:168 Resp: 271817
 Ion Ratio Lower Upper
 168 100
 139 39.7 31.8 47.8
 169 13.3 10.6 16.0



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

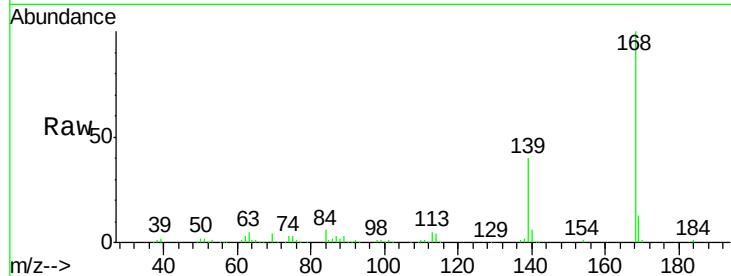




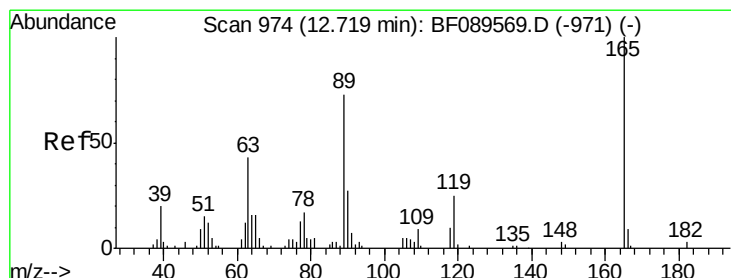
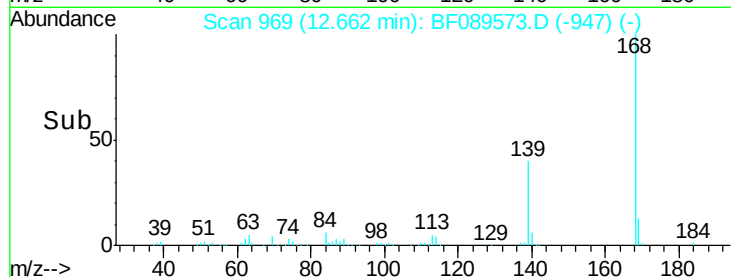
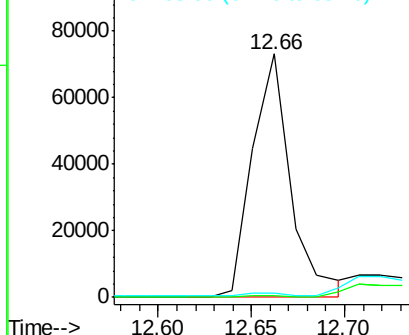
#55
4-Nitrophenol
Concen: 127.75 na
RT: 12.66 min Scan# 969
Delta R.T. -0.05 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 104528
Ion Ratio Lower Upper
139 100
109 0.8 35.2 75.2#
65 1.6 66.4 106.4#

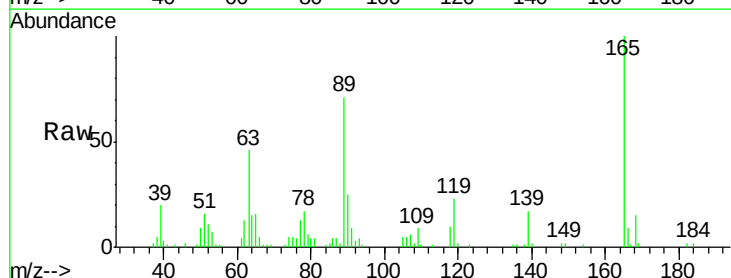


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

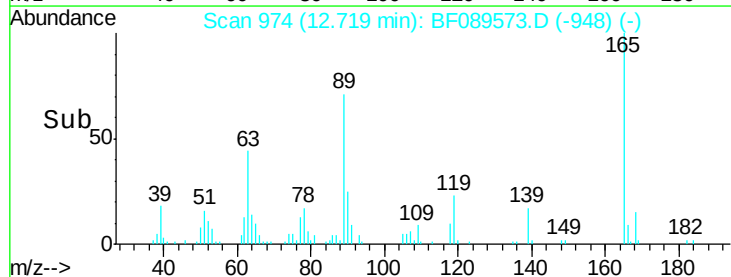
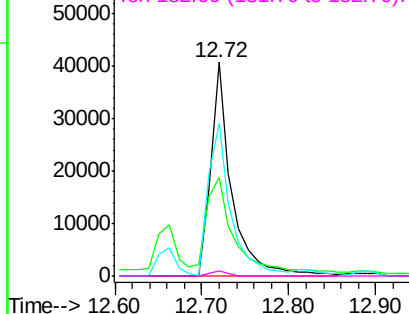


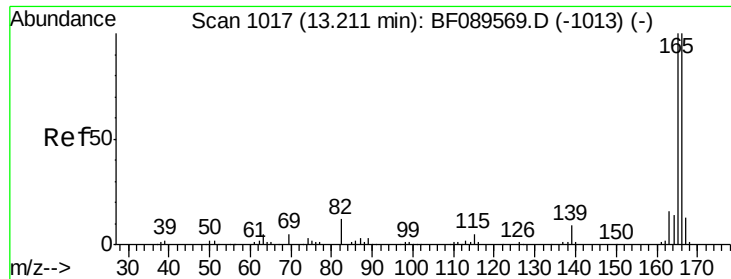
#56
2,4-Dinitrotoluene
Concen: 40.23 ng
RT: 12.72 min Scan# 974
Delta R.T. 0.00 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

Tgt Ion:165 Resp: 69258
Ion Ratio Lower Upper
165 100
63 46.0 38.2 57.2
89 71.5 59.8 89.6
182 2.4 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

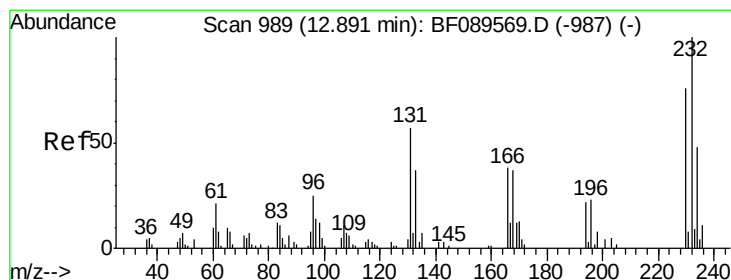
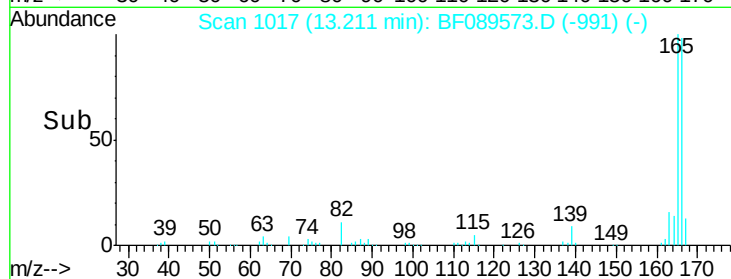
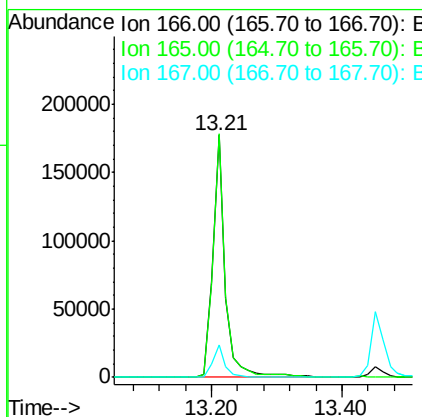
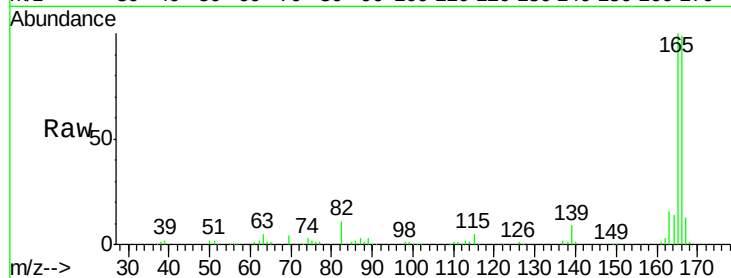




#57
 Fluorene
 Concen: 38.28 ng
 RT: 13.21 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

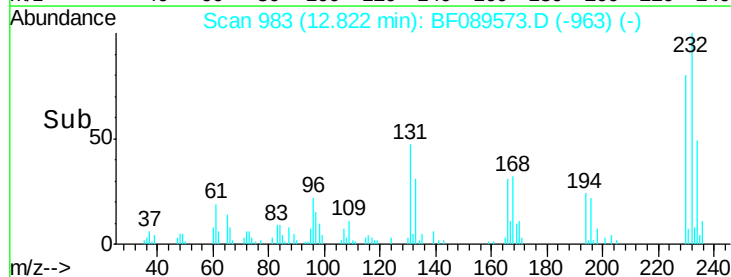
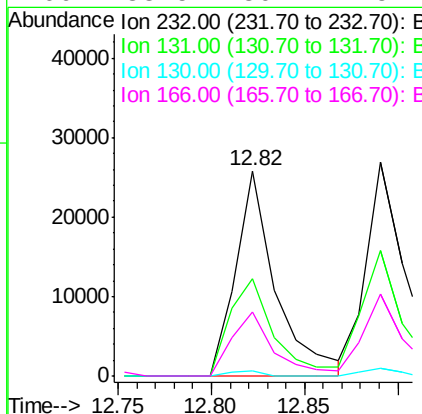
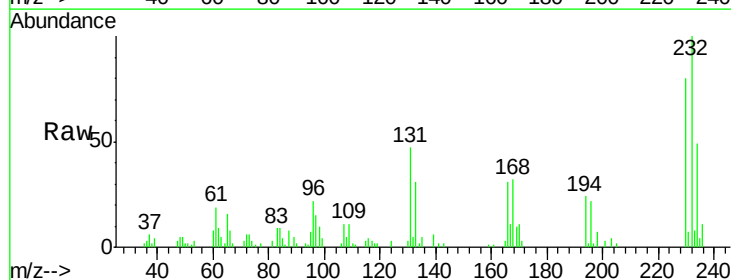
Instrument :
 BNA_F
 ClientSampleId :

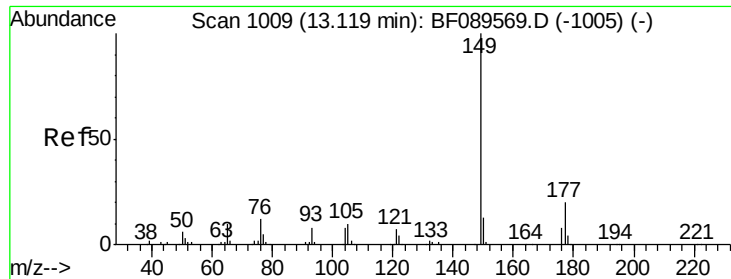
Tot Ion:166 Resp: 239489
 Ion Ratio Lower Upper
 166 100
 165 100.5 80.2 120.2
 167 13.3 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 33.24 ng
 RT: 12.82 min Scan# 983
 Delta R.T. -0.07 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

Tgt Ion:232 Resp: 38636
 Ion Ratio Lower Upper
 232 100
 131 53.3 47.9 71.9
 130 2.1 1.7 2.5
 166 33.5 30.2 45.2





#59

Diethylphthalate

Concen: 38.52 ng

RT: 13.12 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF089573.D

Acq: 3 Aug 2016 22:42

Instrument :

BNA_F

ClientSampled :

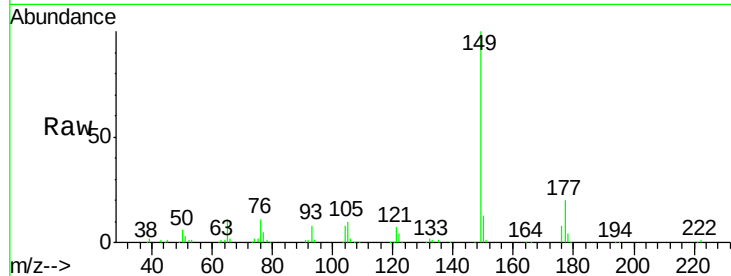
Tot Ion:149 Resp: 249878

Ion Ratio Lower Upper

149 100

177 19.8 15.8 23.8

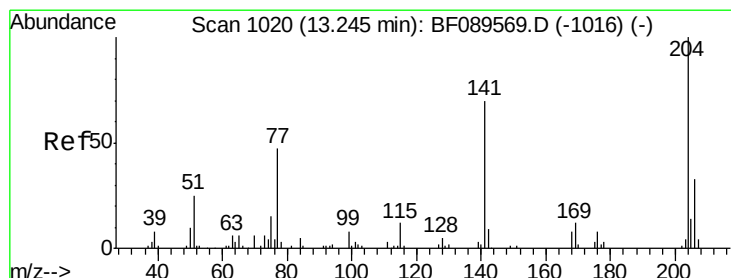
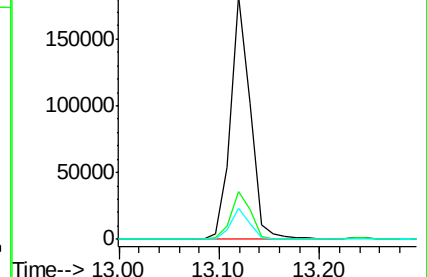
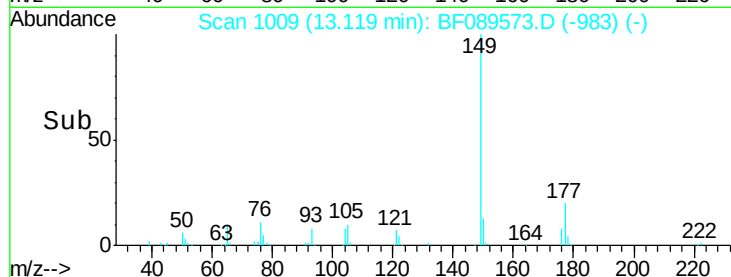
150 12.6 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.62 ng

RT: 13.25 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF089573.D

Acq: 3 Aug 2016 22:42

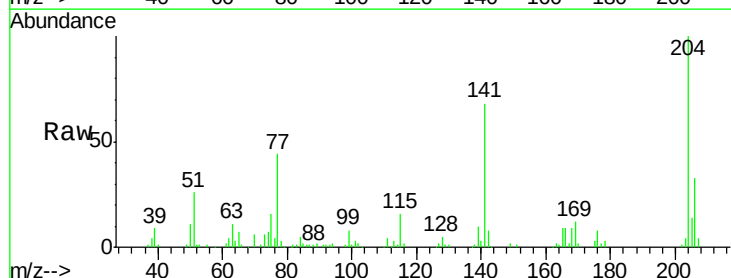
Tgt Ion:204 Resp: 111399

Ion Ratio Lower Upper

204 100

206 32.7 26.2 39.2

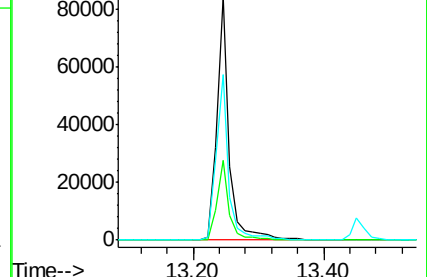
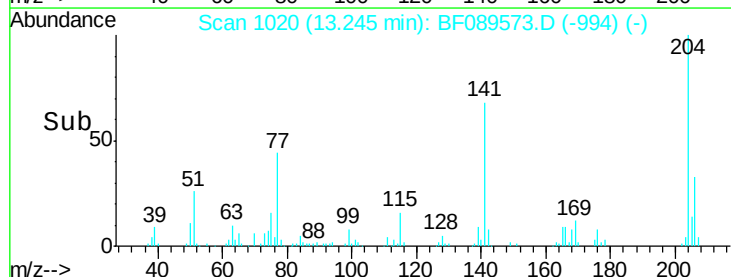
141 68.2 56.3 84.5

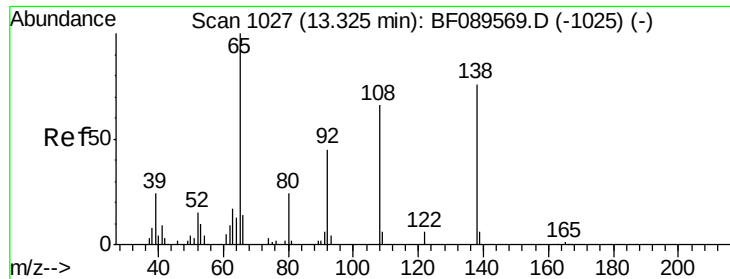


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

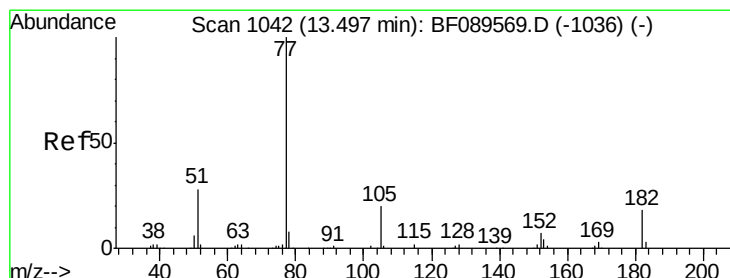
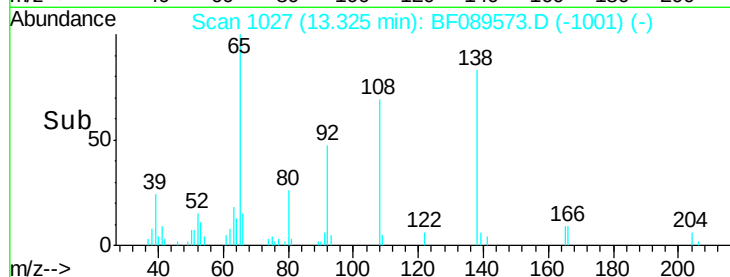
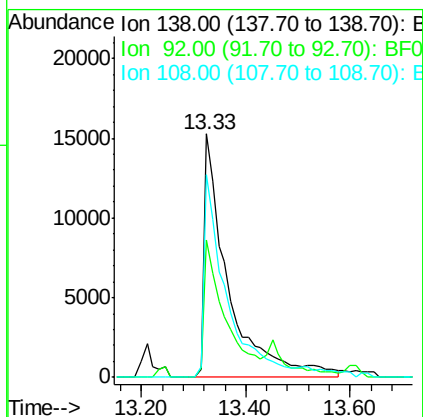
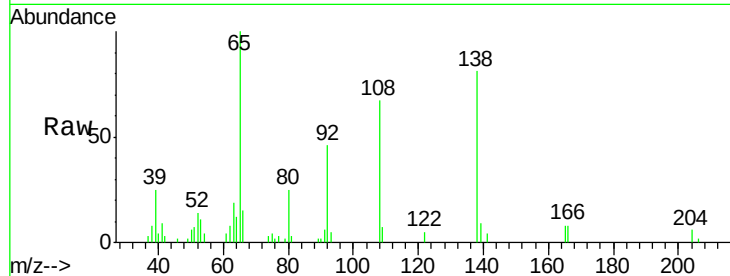




#61
4-Nitroaniline
Concen: 36.91 ng
RT: 13.33 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

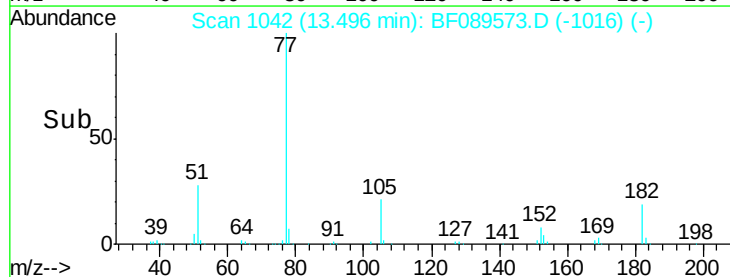
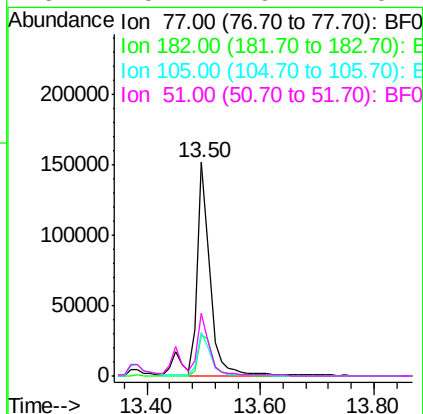
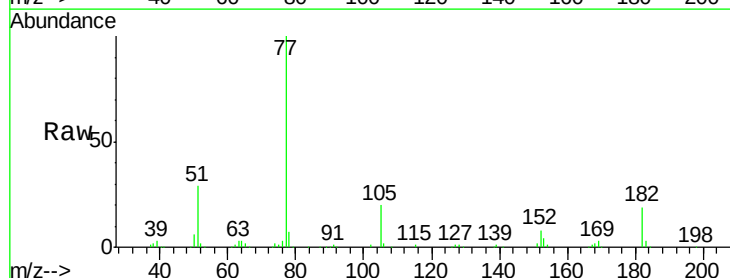
Instrument :
BNA_F
ClientSampleId :

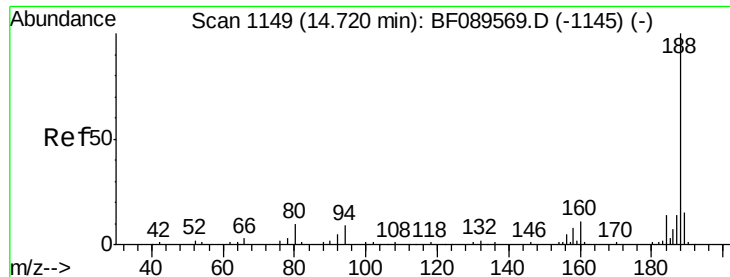
Tot Ion:138 Resp: 48854
Ion Ratio Lower Upper
138 100
92 56.7 39.5 79.5
108 83.2 66.4 106.4



#62
Azobenzene
Concen: 34.37 ng
RT: 13.50 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

Tgt Ion: 77 Resp: 228643
Ion Ratio Lower Upper
77 100
182 19.0 0.0 38.0
105 20.5 0.6 40.6
51 29.1 9.1 49.1

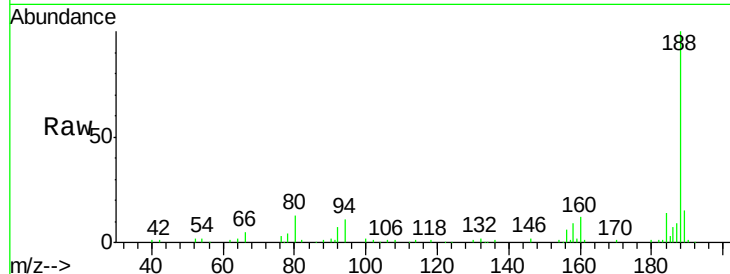




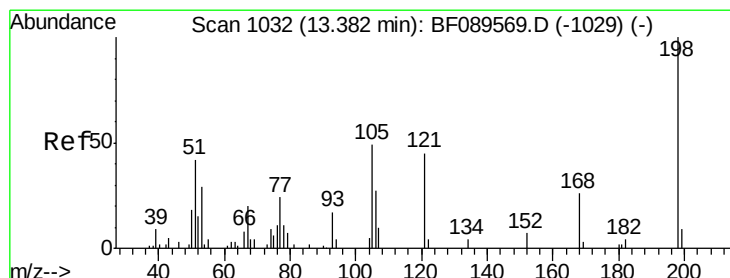
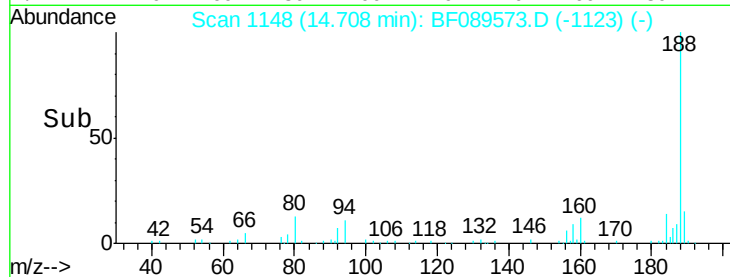
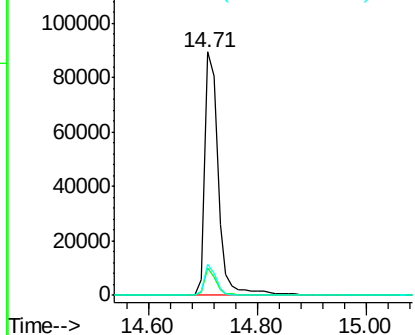
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.71 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 155145
 Ion Ratio Lower Upper
 188 100
 94 11.2 7.0 10.4#
 80 13.0 7.7 11.5#

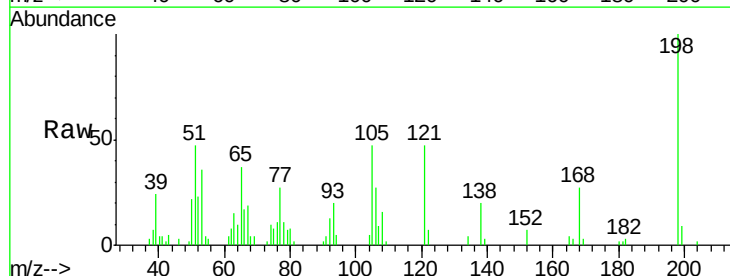


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

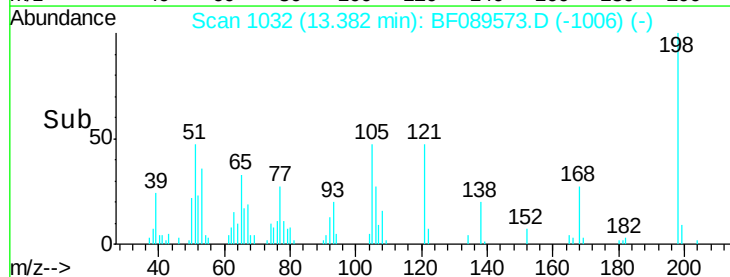
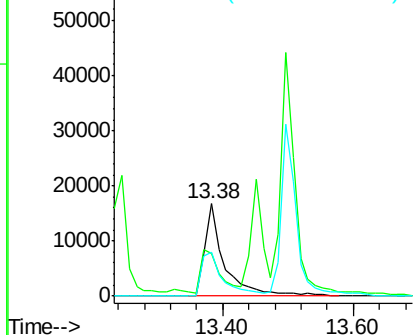


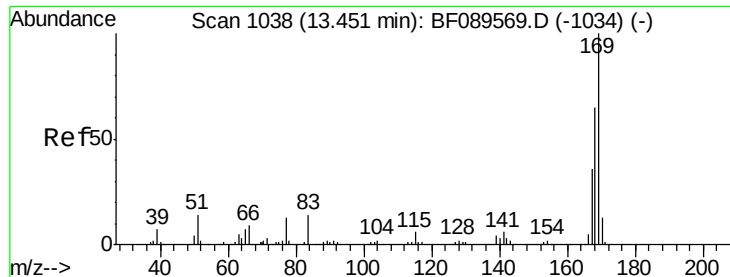
#64
 4,6-Dinitro-2-methylphenol
 Concen: 38.49 ng
 RT: 13.38 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

Tgt Ion:198 Resp: 34810
 Ion Ratio Lower Upper
 198 100
 51 46.6 26.0 66.0
 105 46.9 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: 36.52 ng

RT: 13.45 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF089573.D

Acq: 3 Aug 2016 22:42

Instrument :

BNA_F

ClientSampleId :

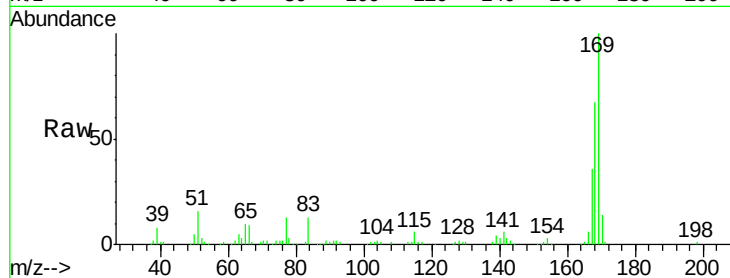
Tot Ion:169 Resp: 193063

Ion Ratio Lower Upper

169 100

168 67.2 53.0 79.4

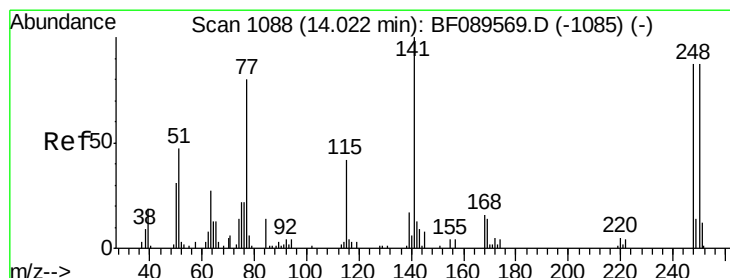
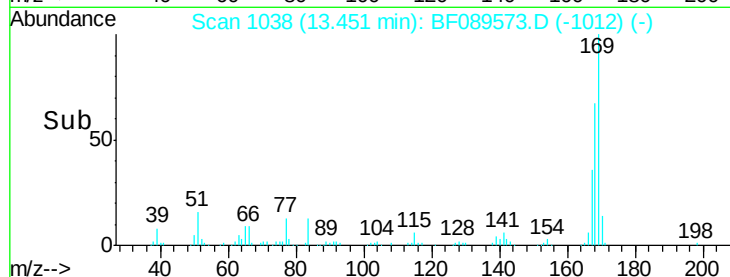
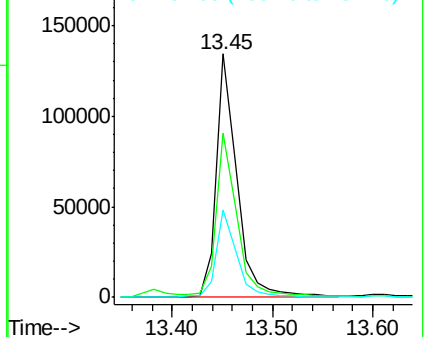
167 35.9 29.1 43.7



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: 38.92 ng

RT: 14.02 min Scan# 1088

Delta R.T. -0.00 min

Lab File: BF089573.D

Acq: 3 Aug 2016 22:42

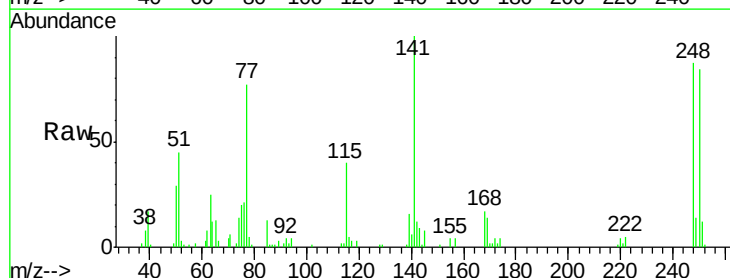
Tgt Ion:248 Resp: 58983

Ion Ratio Lower Upper

248 100

250 97.1 79.8 119.6

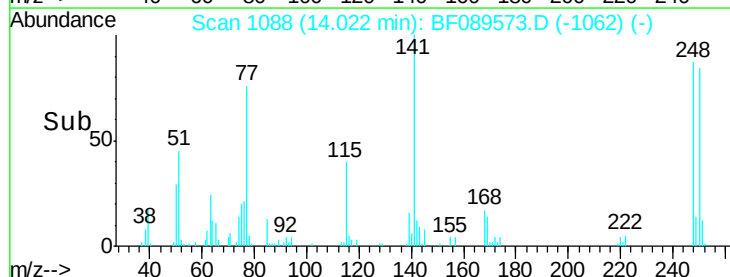
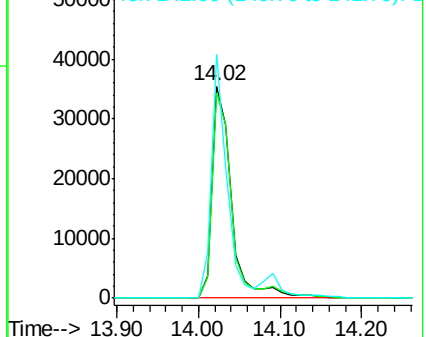
141 115.0 91.5 137.3

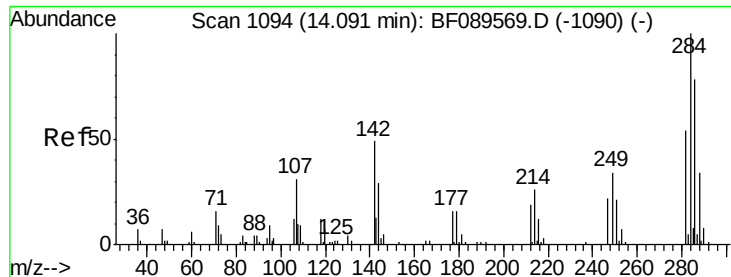


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 36.15 ng

RT: 14.09 min Scan# 1094

Delta R.T. -0.00 min

Lab File: BF089573.D

Acq: 3 Aug 2016 22:42

Instrument :

BNA_F

ClientSampleId :

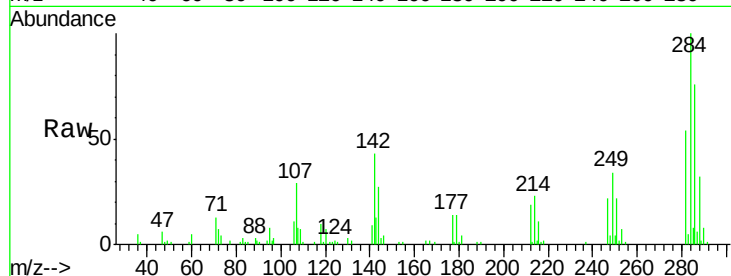
Tot Ion:284 Resp: 59262

Ion Ratio Lower Upper

284 100

142 43.0 40.2 60.4

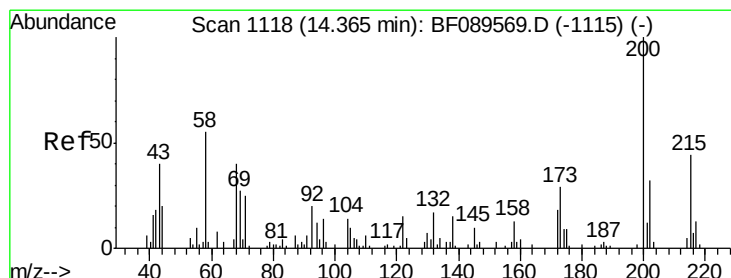
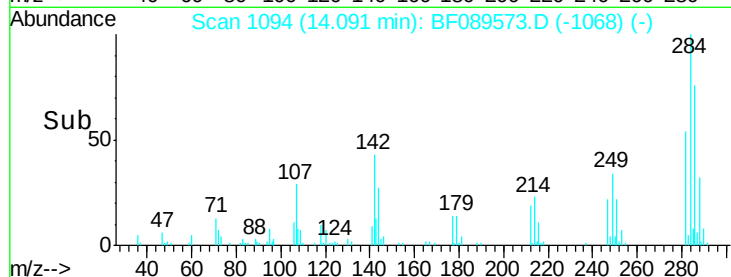
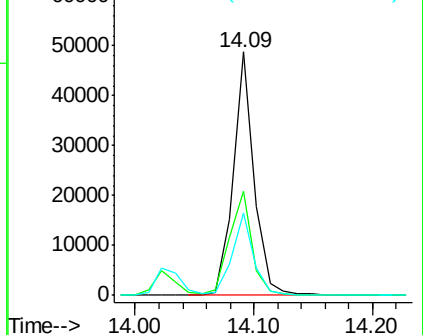
249 33.8 28.9 43.3



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: 39.01 ng

RT: 14.37 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BF089573.D

Acq: 3 Aug 2016 22:42

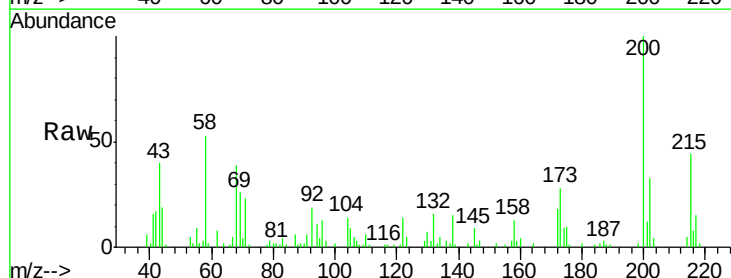
Tgt Ion:200 Resp: 53366

Ion Ratio Lower Upper

200 100

173 28.5 9.1 49.1

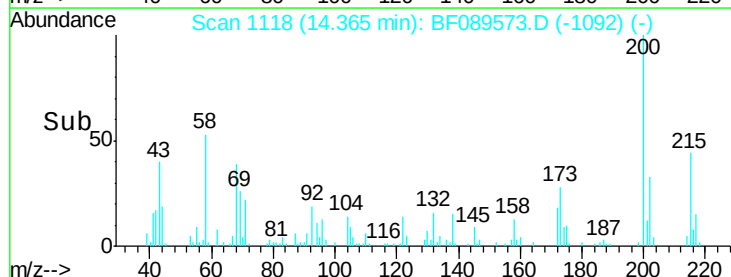
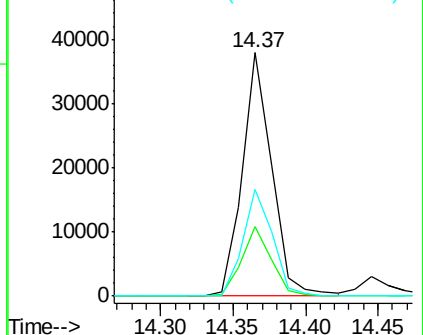
215 43.8 23.6 63.6

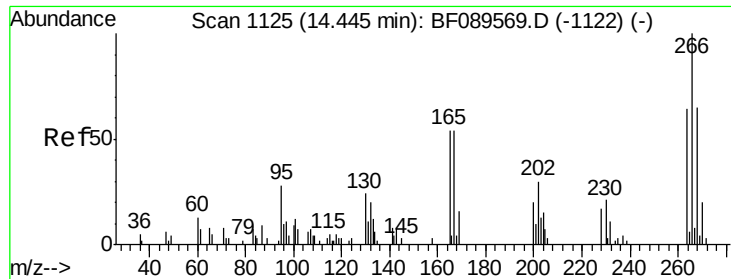


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

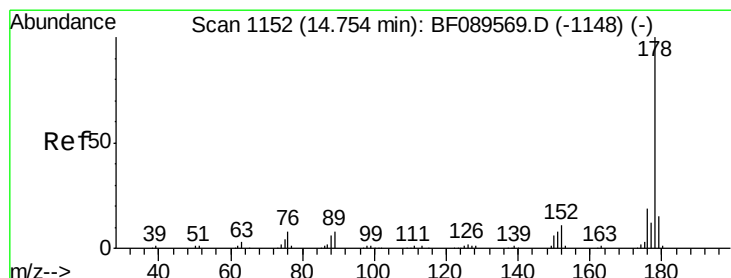
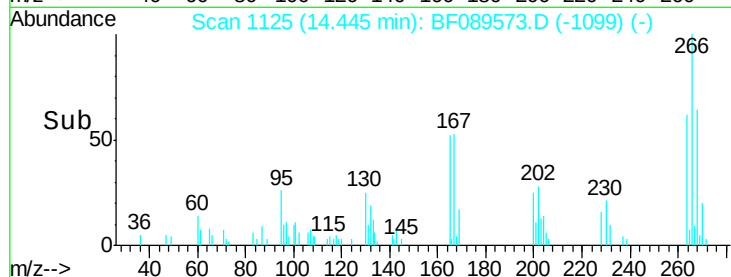
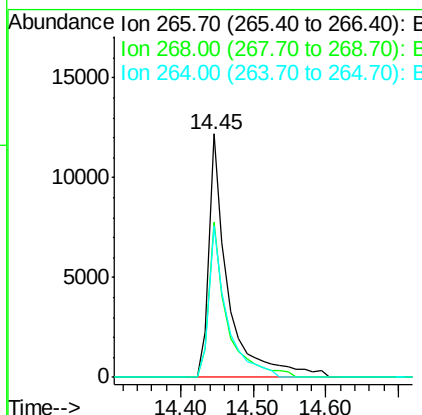
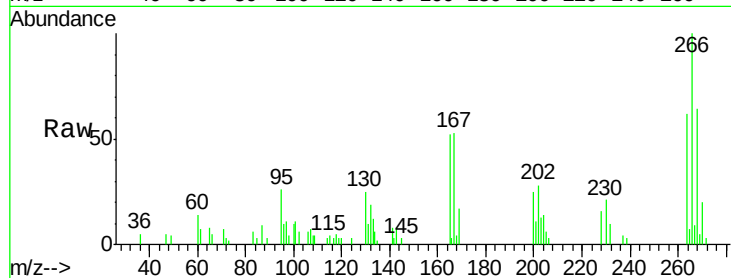




#69
 Pentachlorophenol
 Concen: 37.26 ng
 RT: 14.45 min Scan# 1125
 Delta R.T. 0.00 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

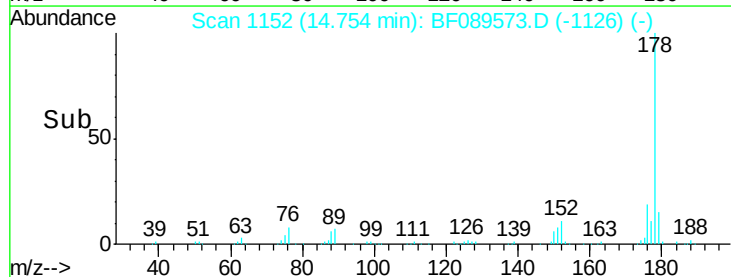
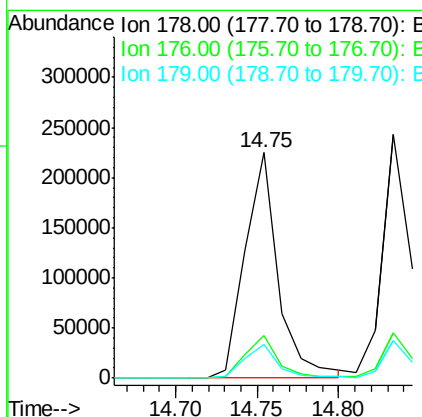
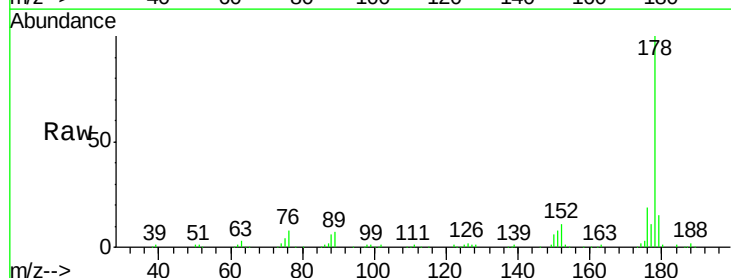
Instrument :
 BNA_F
 ClientSampleId :

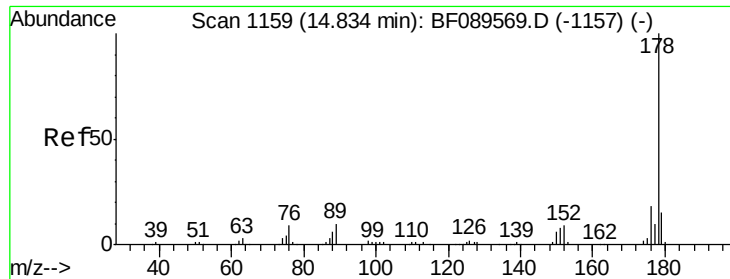
Tot Ion:266 Resp: 22395
 Ion Ratio Lower Upper
 266 100
 268 63.7 51.8 77.6
 264 62.3 51.2 76.8



#70
 Phenanthrene
 Concen: 38.18 ng
 RT: 14.75 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

Tgt Ion:178 Resp: 316401
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.2 22.8
 179 15.0 12.2 18.4

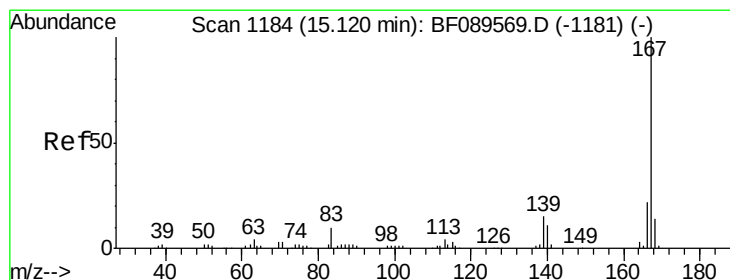
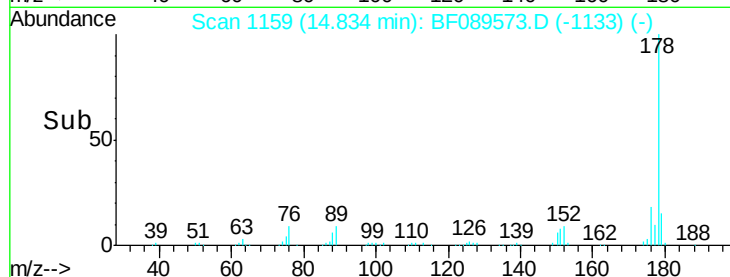
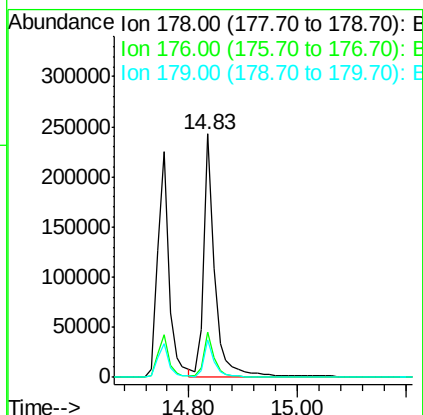
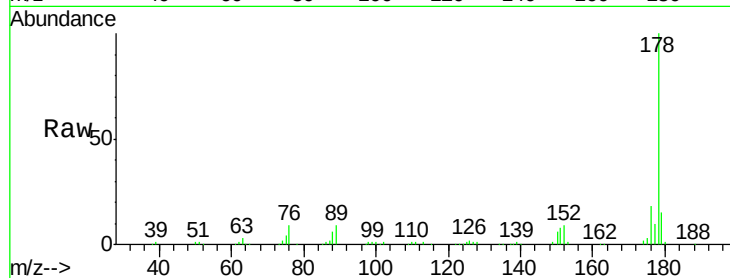




#71
 Anthracene
 Concen: 37.46 ng
 RT: 14.83 min Scan# 1159
 Delta R.T. -0.00 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

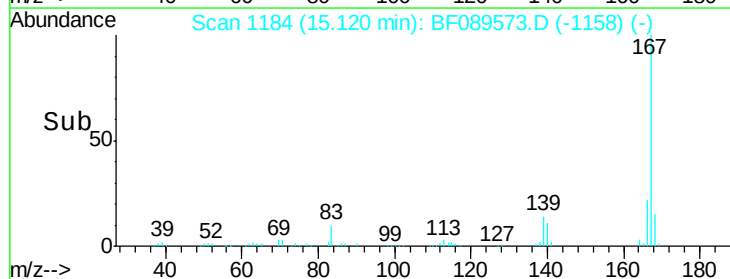
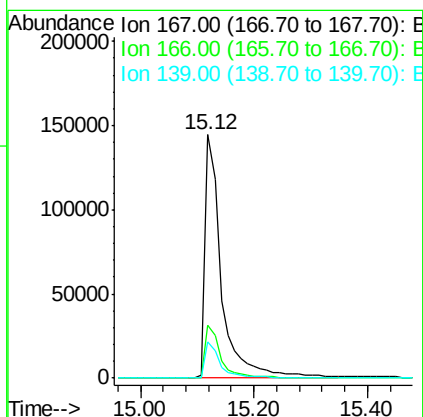
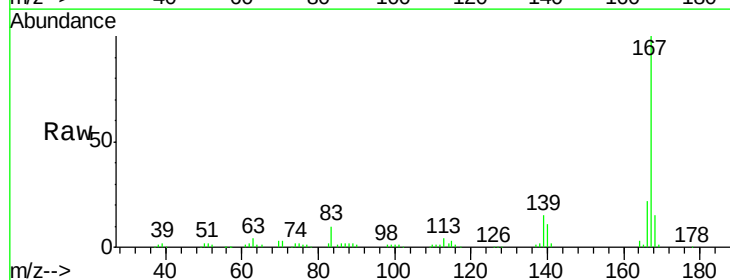
Instrument :
 BNA_F
 ClientSampleId :

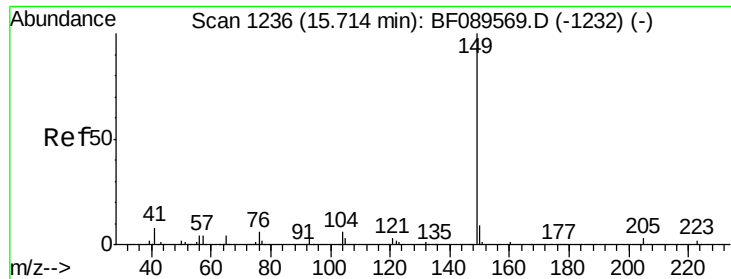
Tot Ion:178 Resp: 339408
 Ion Ratio Lower Upper
 178 100
 176 18.4 14.7 22.1
 179 15.3 12.2 18.2



#72
 Carbazole
 Concen: 38.50 ng
 RT: 15.12 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

Tgt Ion:167 Resp: 282202
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.5 26.3
 139 14.7 11.8 17.6





#73

Di-n-butylphthalate

Concen: 39.60 ng

RT: 15.71 min Scan# 1236

Delta R.T. -0.00 min

Lab File: BF089573.D

Acq: 3 Aug 2016 22:42

Instrument :

BNA_F

ClientSampleId :

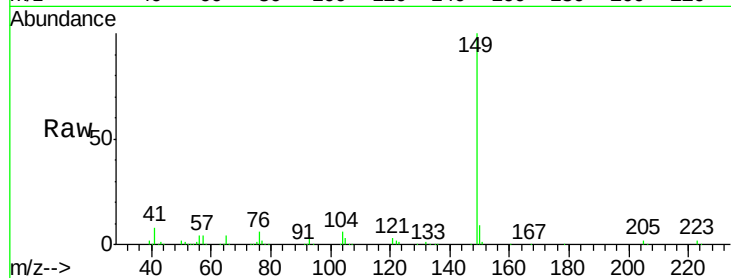
Tot Ion:149 Resp: 371213

Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

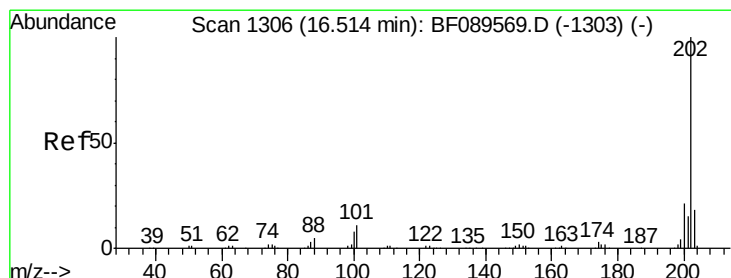
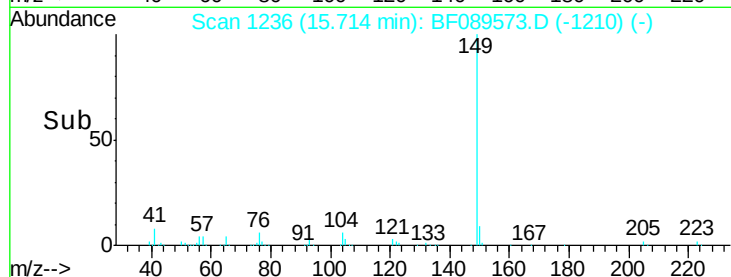
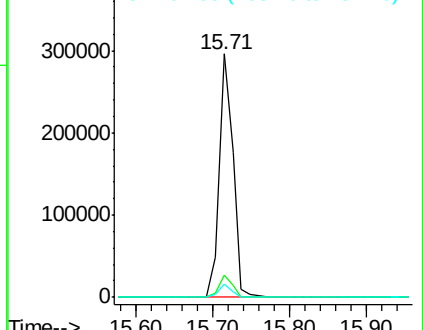
104 5.7 4.6 7.0



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: 38.05 ng

RT: 16.51 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BF089573.D

Acq: 3 Aug 2016 22:42

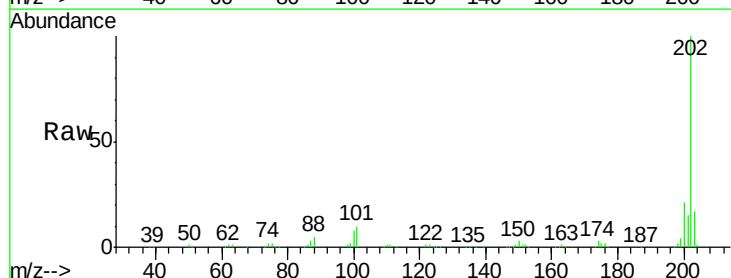
Tgt Ion:202 Resp: 319126

Ion Ratio Lower Upper

202 100

101 10.4 0.0 31.0

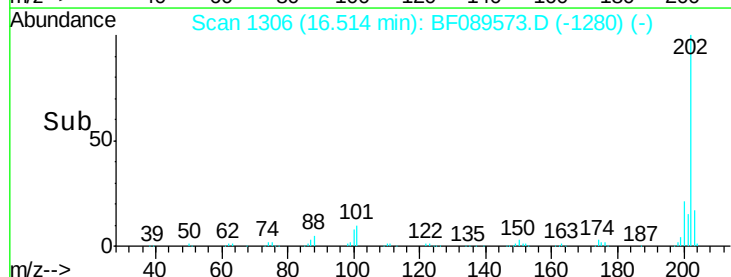
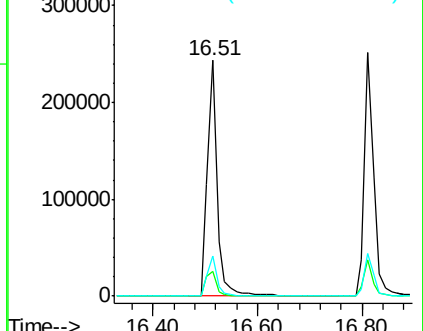
203 17.1 0.0 37.7

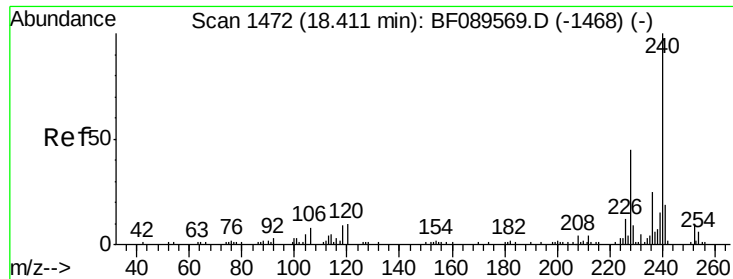


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

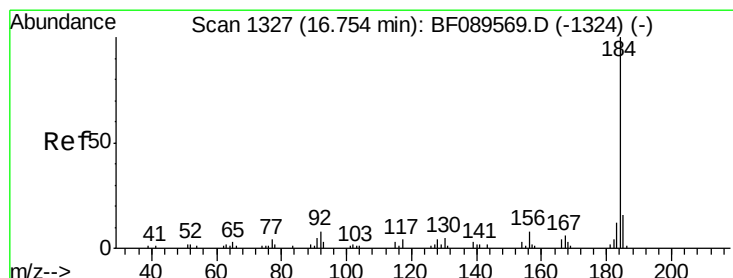
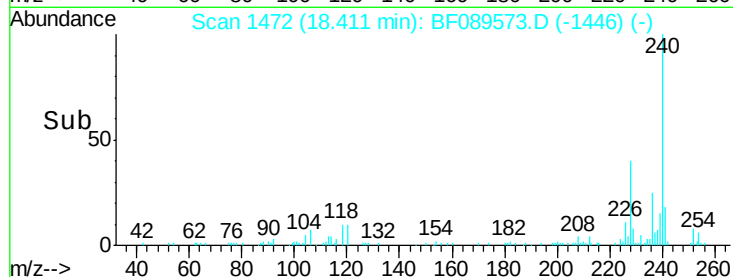
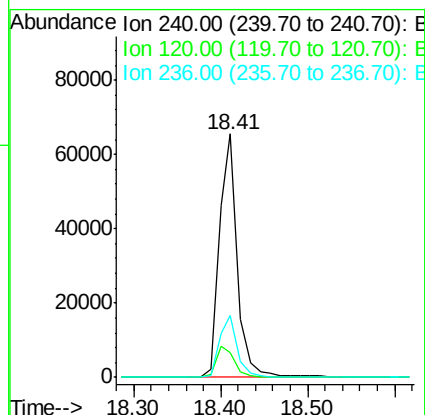
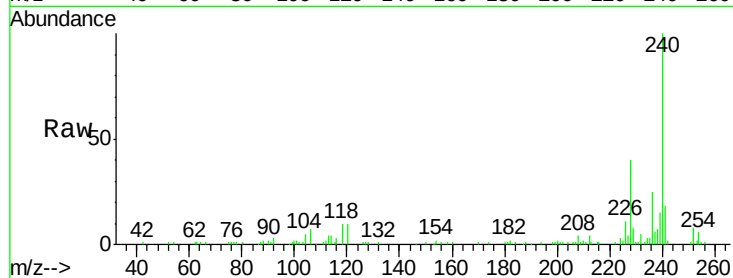




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.41 min Scan# 1472
 Delta R.T. -0.00 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

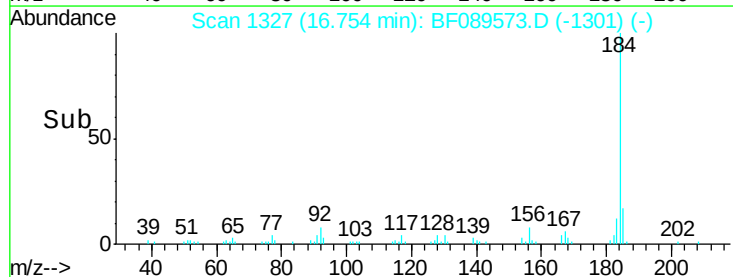
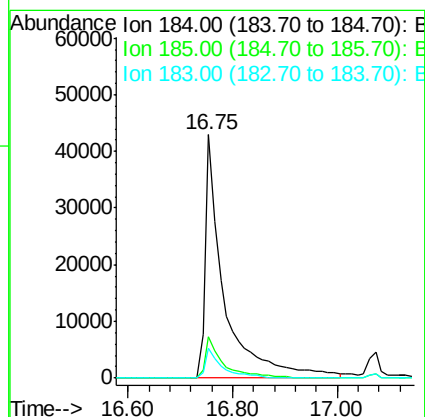
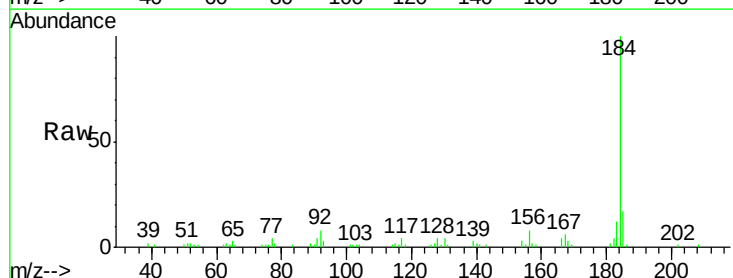
Instrument :
 BNA_F
 ClientSampled :

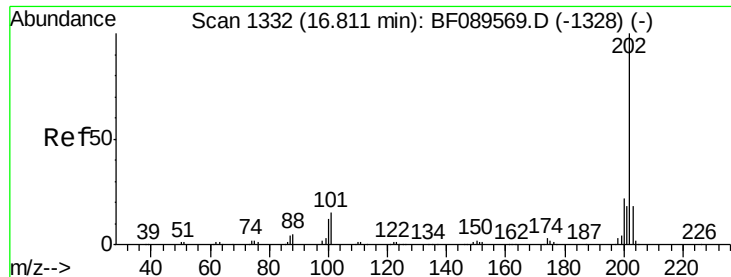
Tot Ion:240 Resp: 95094
 Ion Ratio Lower Upper
 240 100
 120 10.3 8.2 12.2
 236 25.4 20.3 30.5



#76
 Benzidine
 Concen: 41.90 ng
 RT: 16.75 min Scan# 1327
 Delta R.T. -0.00 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

Tgt Ion:184 Resp: 108671
 Ion Ratio Lower Upper
 184 100
 185 17.3 13.1 19.7
 183 12.3 9.6 14.4

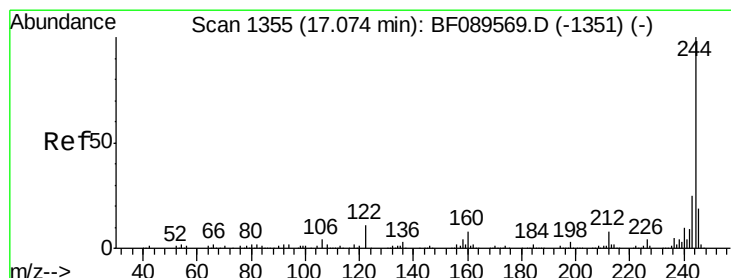
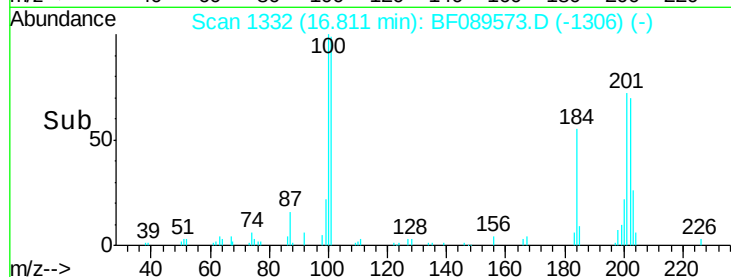
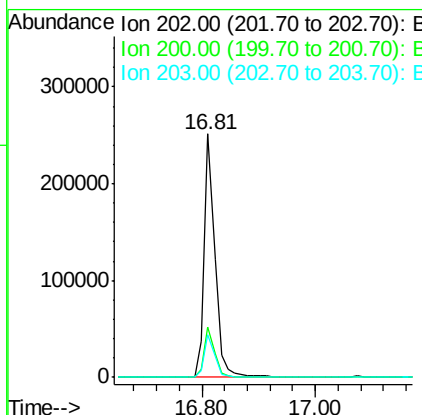
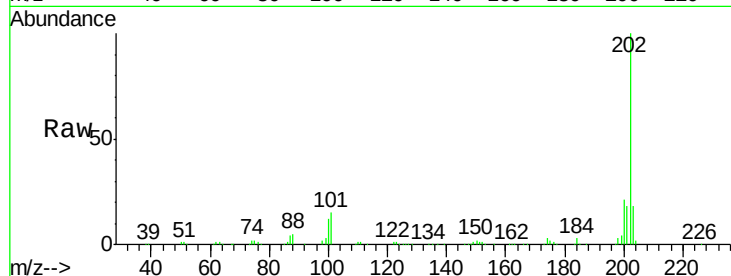




#77
Pvrene
Concen: 36.85 ng
RT: 16.81 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

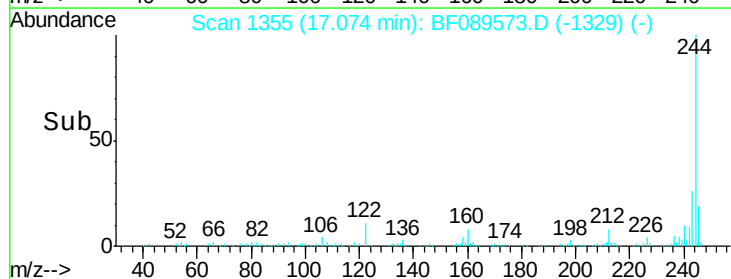
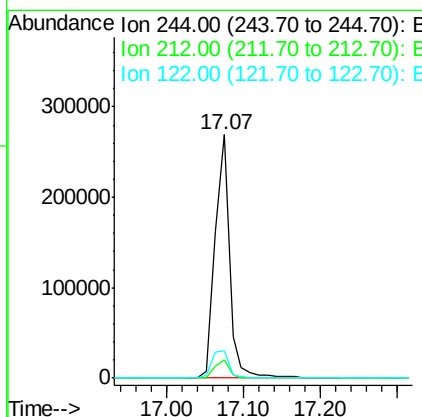
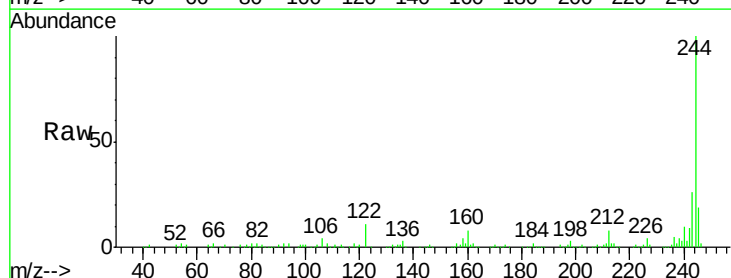
Instrument :
BNA_F
ClientSampleId :

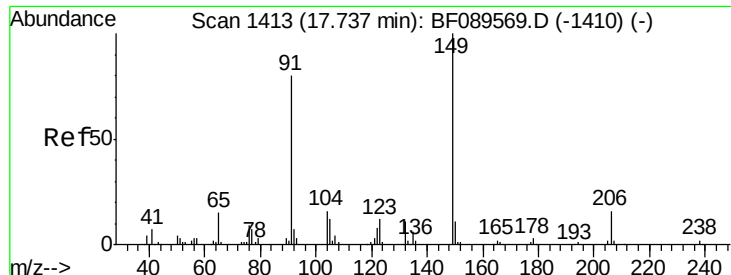
Tot Ion:202 Resp: 311469
Ion Ratio Lower Upper
202 100
200 20.9 17.2 25.8
203 17.7 14.2 21.2



#78
Terphenyl-d14
Concen: 75.05 ng
RT: 17.07 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

Tgt Ion:244 Resp: 355680
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.4
122 11.0 8.5 12.7

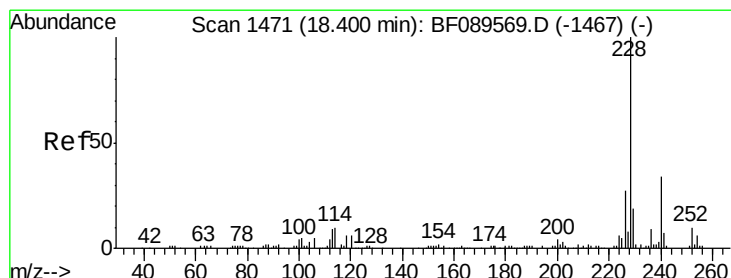
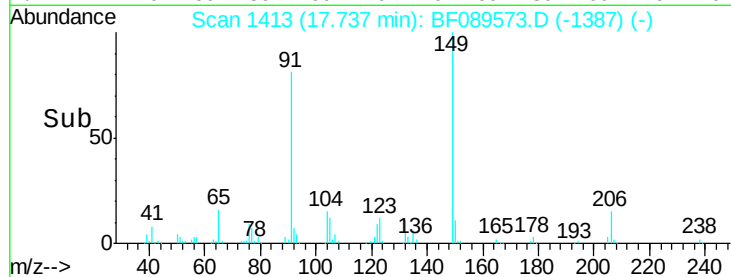
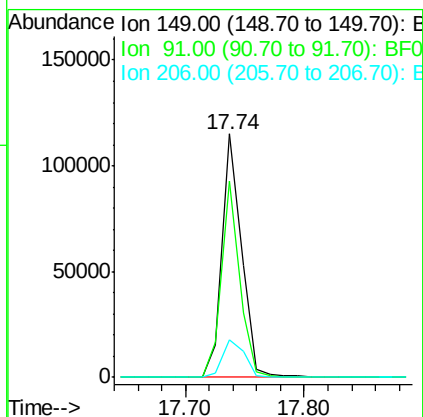
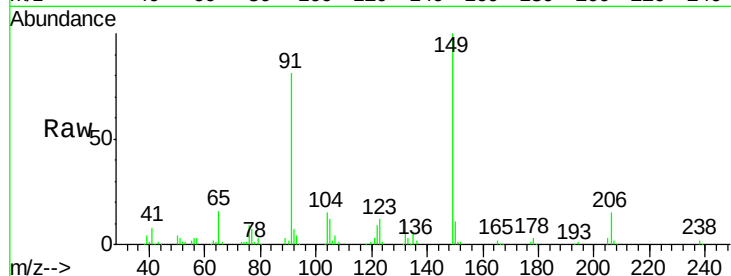




#79
Butylbenzylphthalate
Concen: 41.06 ng
RT: 17.74 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

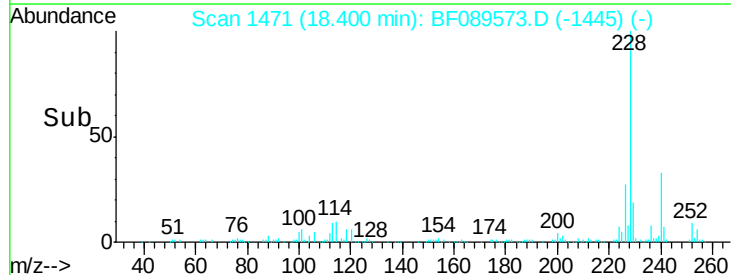
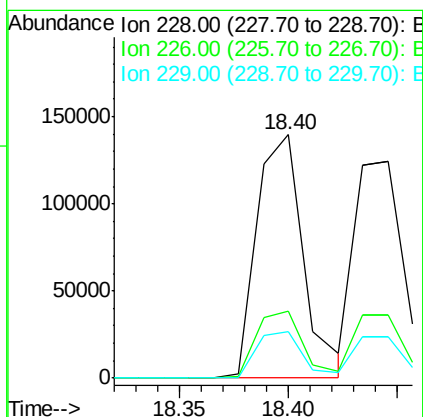
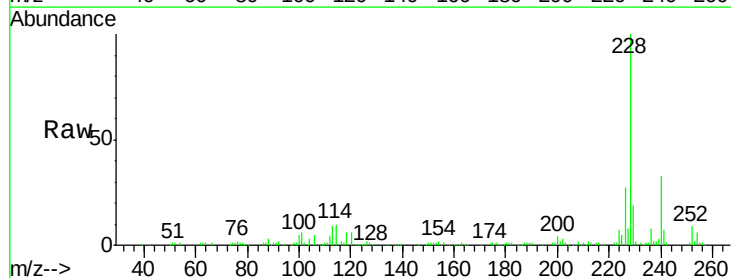
Instrument :
BNA_F
ClientSampleId :

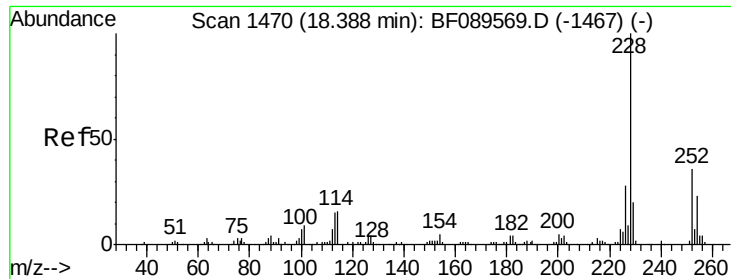
Tot Ion:149 Resp: 130253
Ion Ratio Lower Upper
149 100
91 80.6 63.6 95.4
206 15.4 12.8 19.2



#80
Benzo(a)anthracene
Concen: 37.78 ng
RT: 18.40 min Scan# 1471
Delta R.T. -0.00 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

Tgt Ion:228 Resp: 209355
Ion Ratio Lower Upper
228 100
226 27.4 21.5 32.3
229 19.3 15.1 22.7

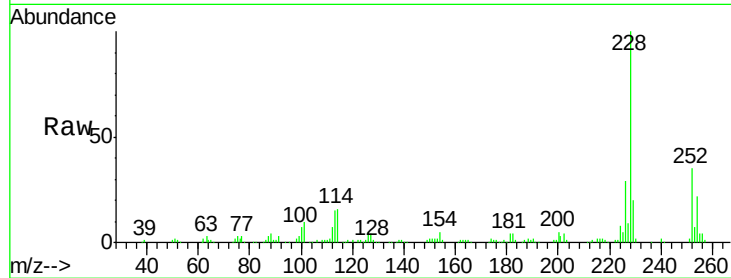




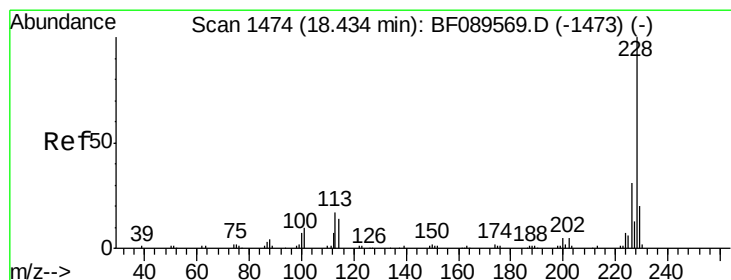
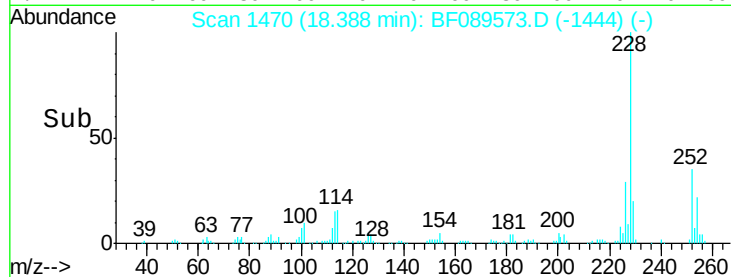
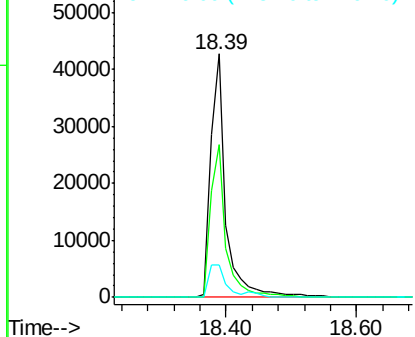
#81
 3,3'-Dichlorobenzidine
 Concen: 40.17 ng
 RT: 18.39 min Scan# 1470
 Delta R.T. -0.00 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:252 Resp: 69759
 Ion Ratio Lower Upper
 252 100
 254 63.0 51.6 77.4
 126 13.4 10.1 15.1

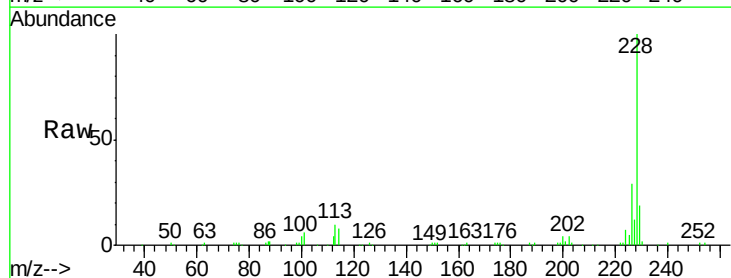


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

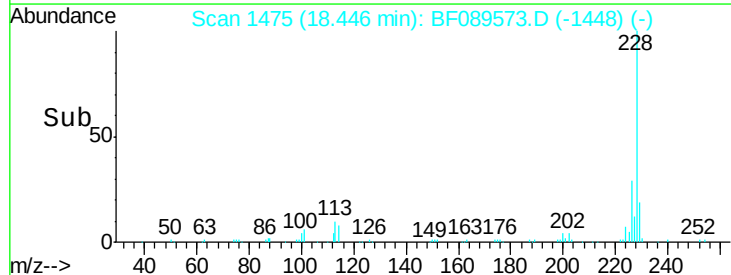
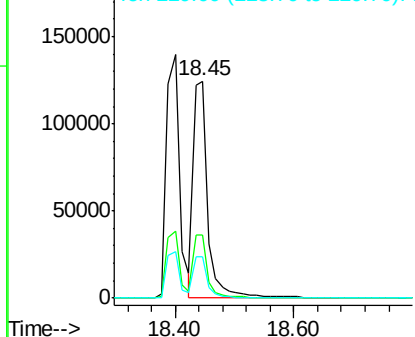


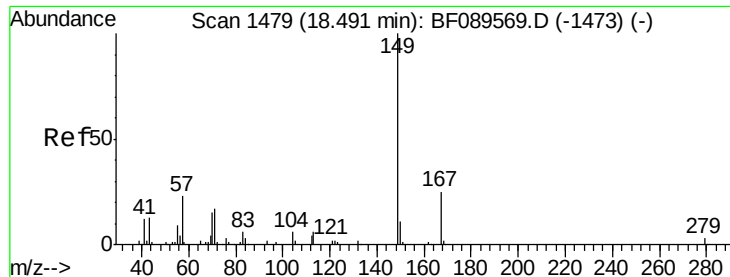
#82
 Chrysene
 Concen: 37.31 ng
 RT: 18.45 min Scan# 1475
 Delta R.T. 0.01 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

Tgt Ion:228 Resp: 213171
 Ion Ratio Lower Upper
 228 100
 226 29.0 24.3 36.5
 229 19.0 15.7 23.5



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

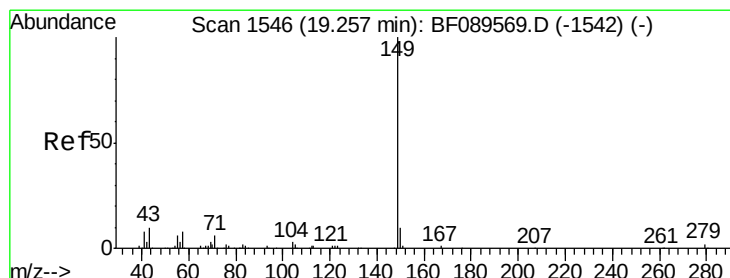
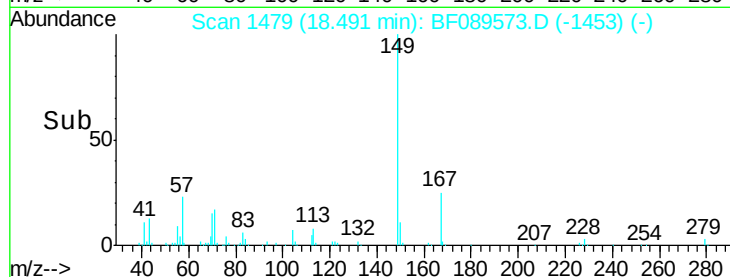
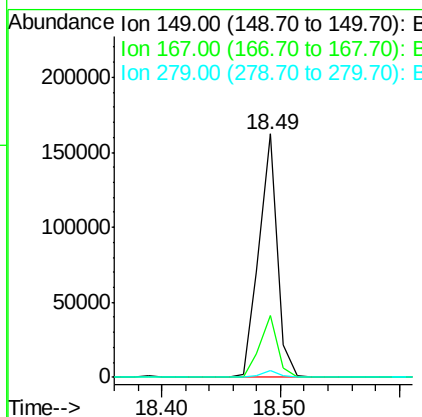
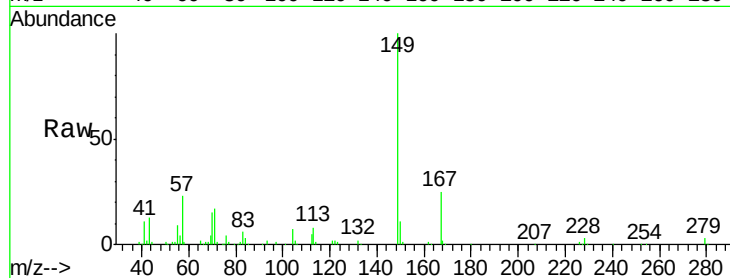




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.53 ng
 RT: 18.49 min Scan# 1479
 Delta R.T. -0.00 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

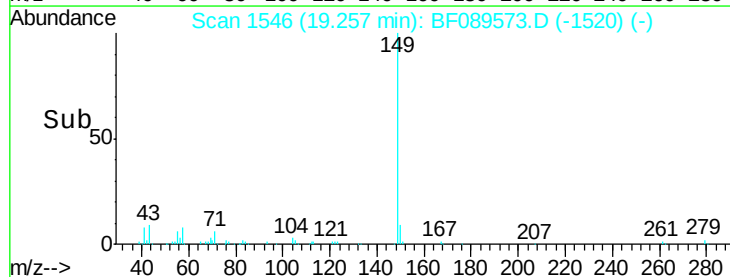
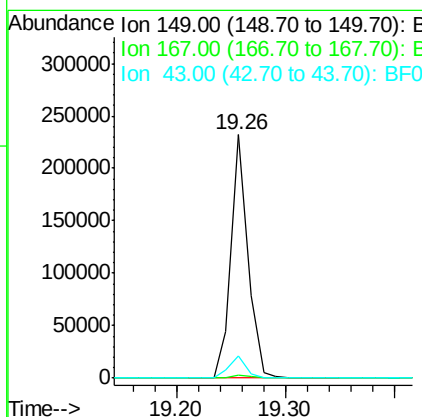
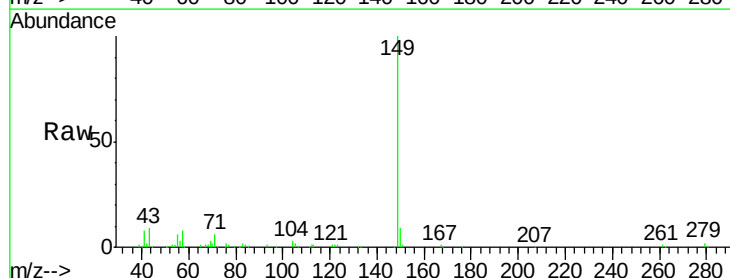
Instrument :
 BNA_F
 ClientSampled :

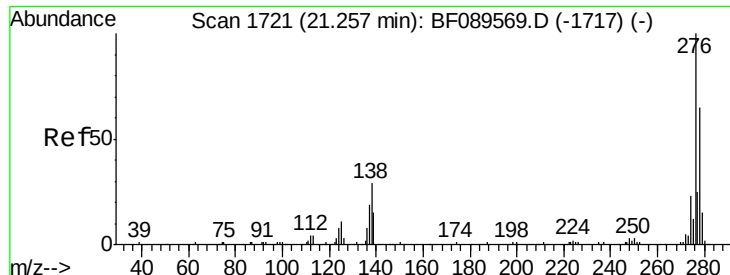
Tot Ion:149 Resp: 177573
 Ion Ratio Lower Upper
 149 100
 167 25.3 19.7 29.5
 279 2.9 2.3 3.5



#84
 Di-n-octyl phthalate
 Concen: 38.44 ng
 RT: 19.26 min Scan# 1546
 Delta R.T. 0.00 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

Tgt Ion:149 Resp: 249176
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.1 1.7
 43 9.2 7.3 10.9

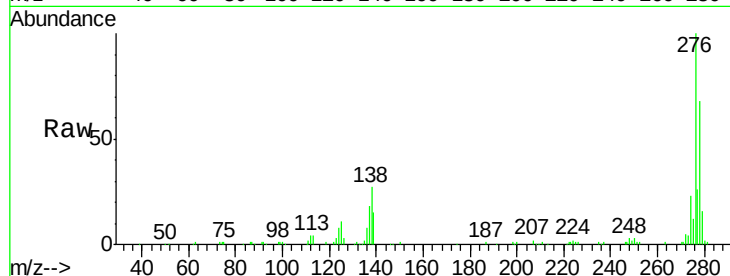




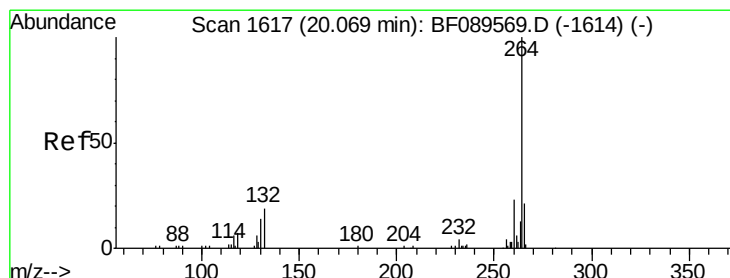
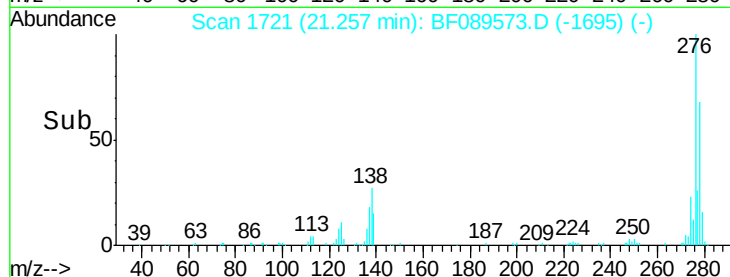
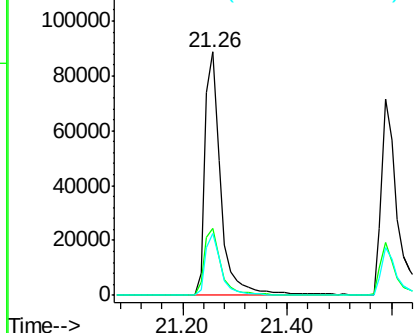
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.77 ng
 RT: 21.26 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.1	23.5	35.3
277	25.2	20.5	30.7

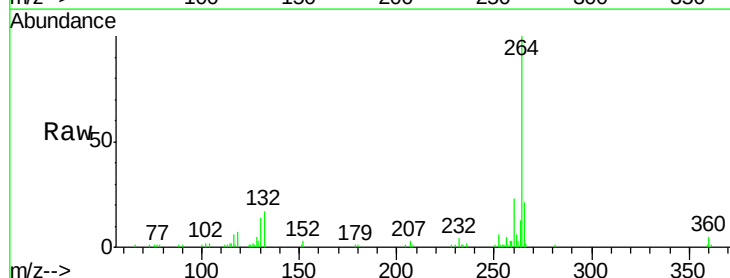


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

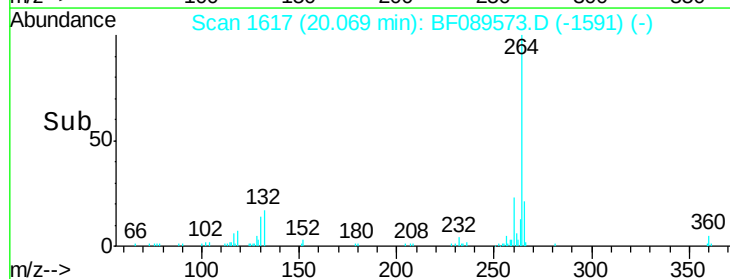
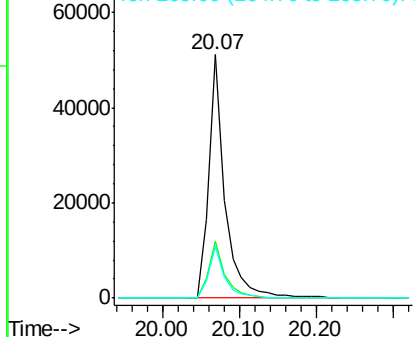


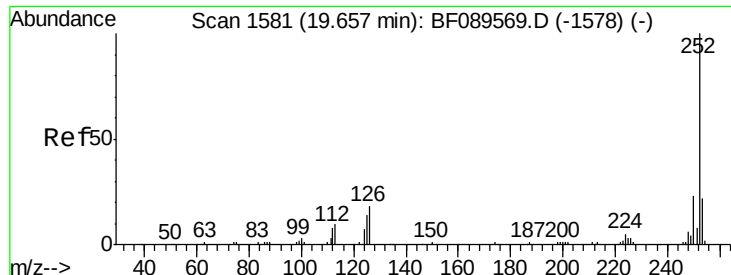
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.07 min Scan# 1617
 Delta R.T. -0.00 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.5	27.7
265	21.2	16.6	25.0



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

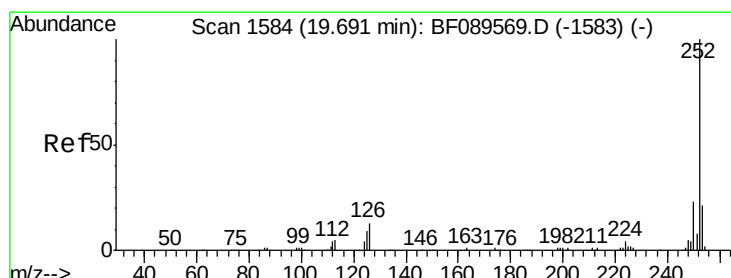
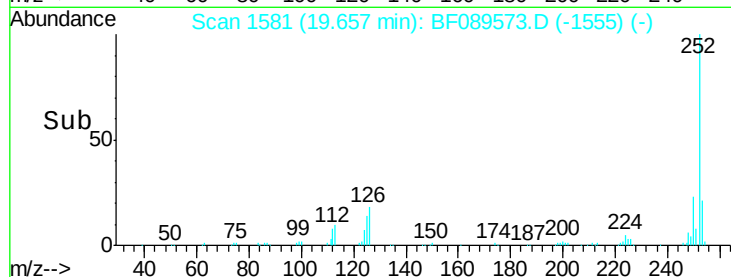
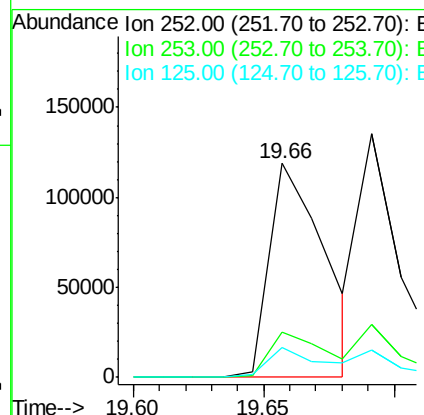
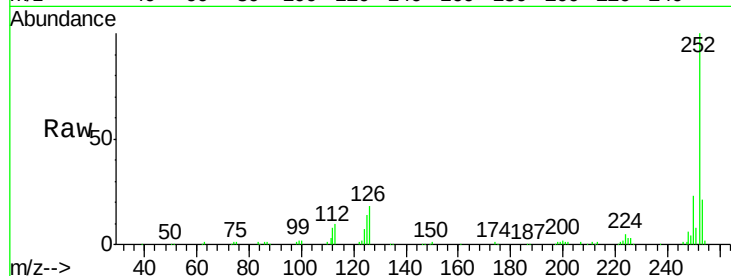




#87
Benzo(b)fluoranthene
Concen: 38.85 ng
RT: 19.66 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

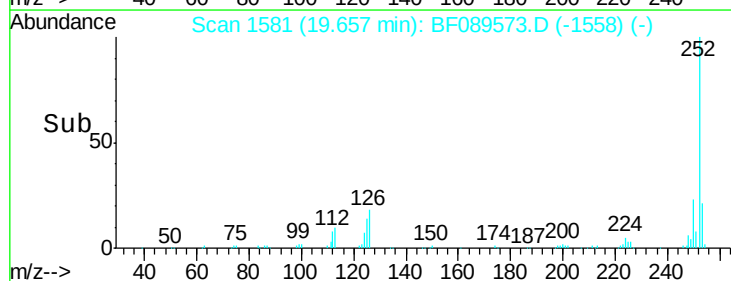
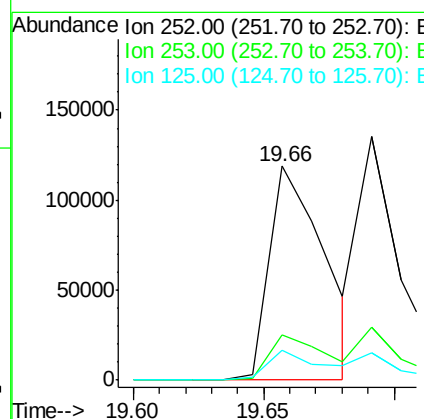
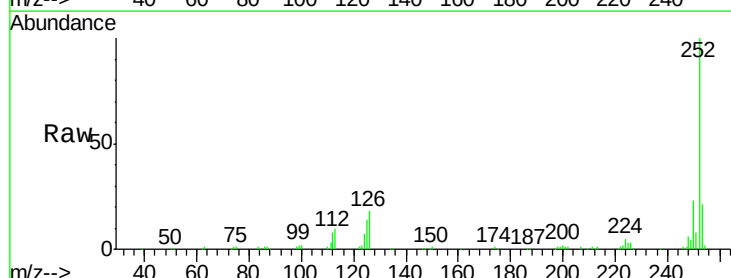
Instrument :
BNA_F
ClientSampleId :

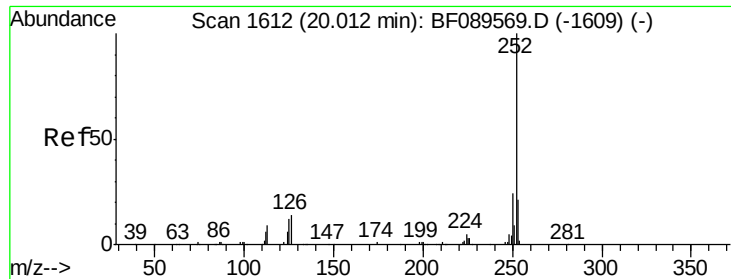
Tot Ion:252 Resp: 176223
Ion Ratio Lower Upper
252 100
253 21.2 17.6 26.4
125 13.9 11.0 16.4



#88
Benzo(k)fluoranthene
Concen: 39.56 ng
RT: 19.66 min Scan# 1581
Delta R.T. -0.03 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

Tgt Ion:252 Resp: 176223
Ion Ratio Lower Upper
252 100
253 21.2 17.2 25.8
125 13.9 9.3 13.9#

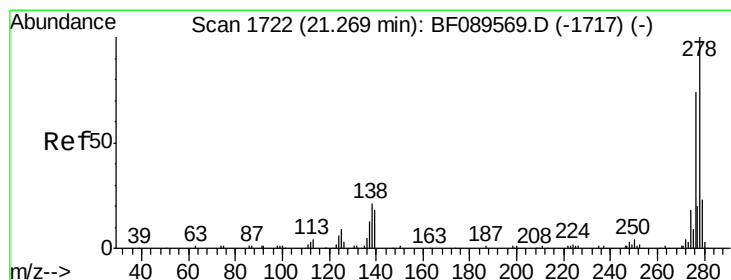
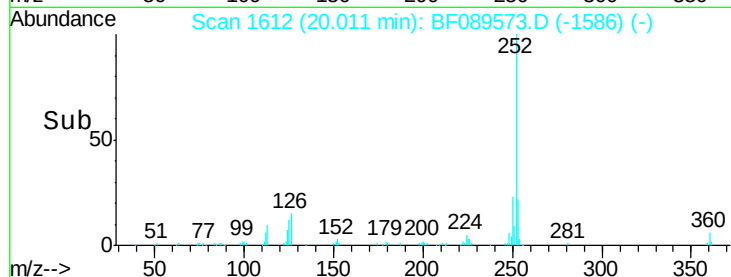
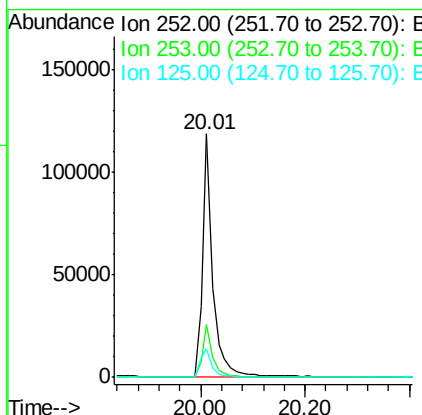
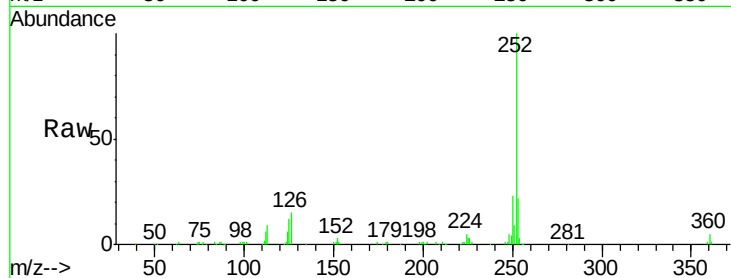




#89
Benzo(a)pyrene
Concen: 38.02 ng
RT: 20.01 min Scan# 1612
Delta R.T. -0.00 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

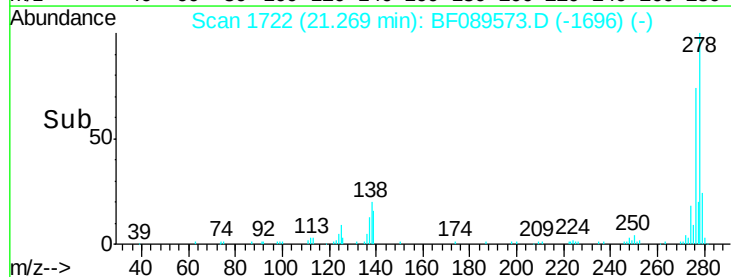
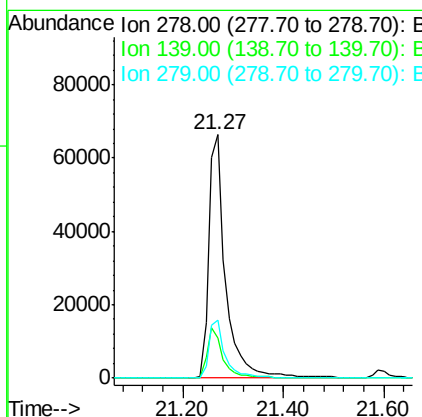
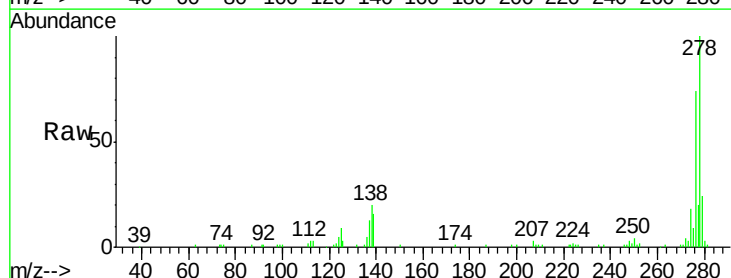
Instrument :
BNA_F
ClientSampleId :

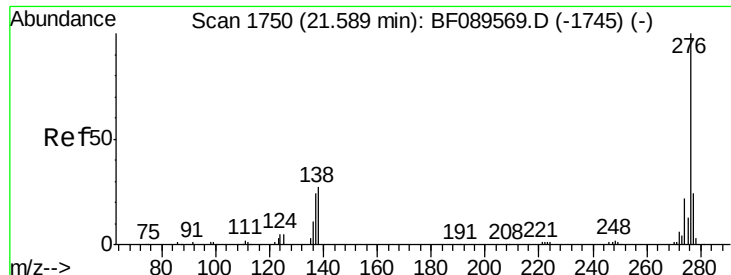
Tot Ion:252 Resp: 159871
Ion Ratio Lower Upper
252 100
253 21.9 16.6 24.8
125 11.9 9.4 14.0



#90
Dibenzo(a,h)anthracene
Concen: 38.58 ng
RT: 21.27 min Scan# 1722
Delta R.T. -0.00 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

Tgt Ion:278 Resp: 153576
Ion Ratio Lower Upper
278 100
139 16.4 14.1 21.1
279 23.9 18.7 28.1

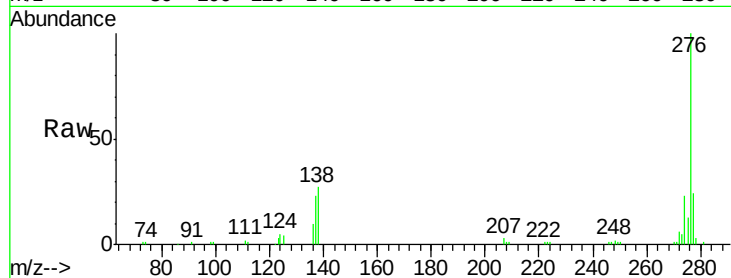




#91
 Benzo(a,h,i)perylene
 Concen: 37.88 ng
 RT: 21.59 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.0	28.6
138	26.8	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

