

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 07:59:13 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 04 07:58:27 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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	R.T.	QIon	Response	Conc	Units	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

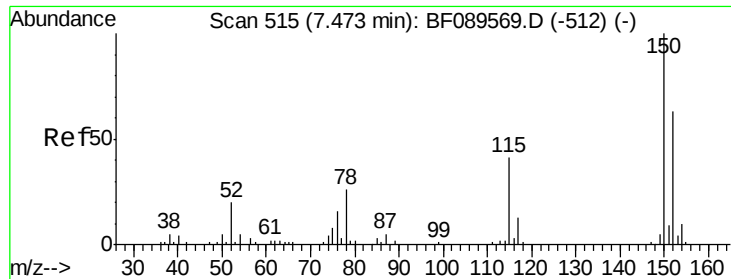
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080316\
 Data File : BF089573.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 04 07:58:27 2016
 Response via : Initial Calibration

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	41.06	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

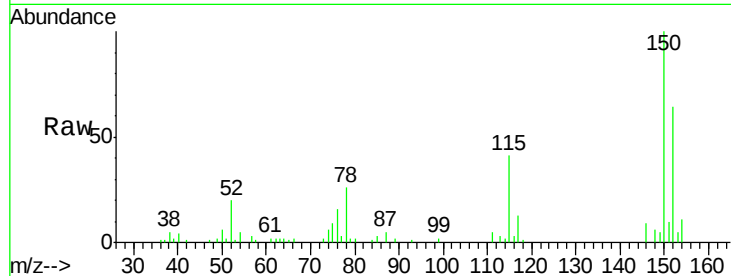


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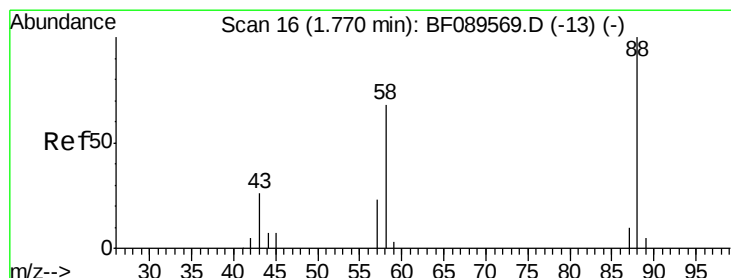
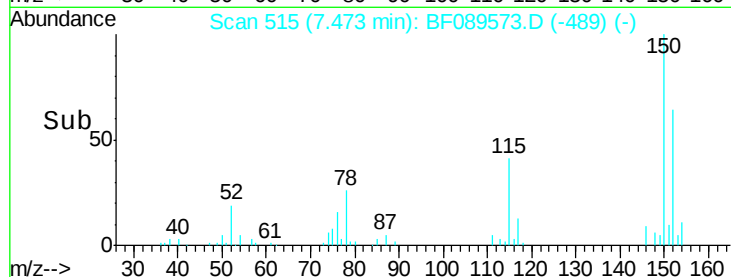
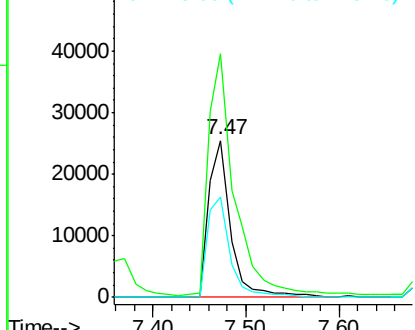
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.47 min Scan# 515
Delta R.T. -0.00 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

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



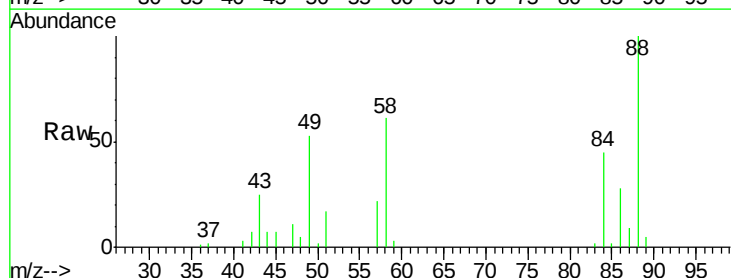
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



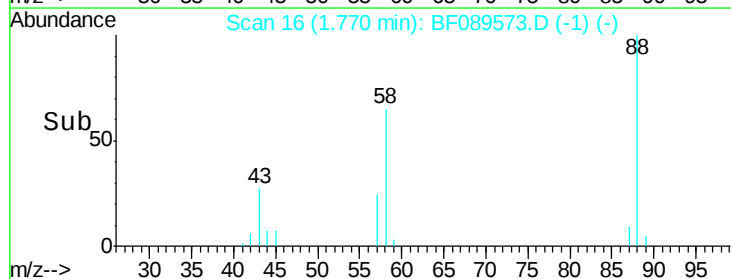
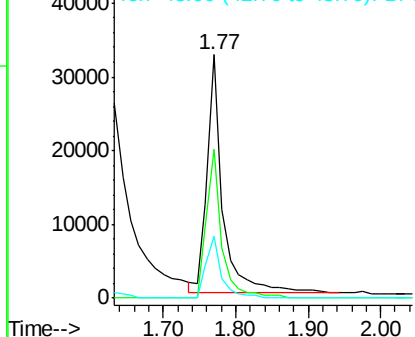
#2

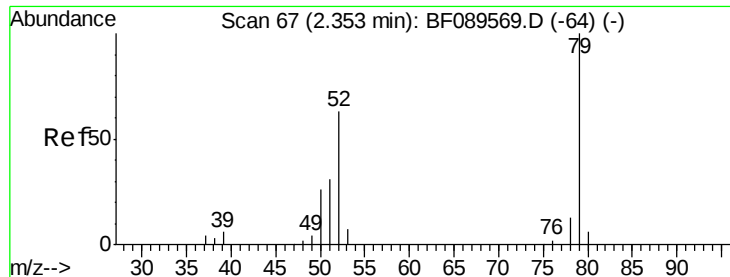
1,4-Dioxane
Concen: 33.36 ng
RT: 1.77 min Scan# 16
Delta R.T. 0.00 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

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
ClientSampleId :

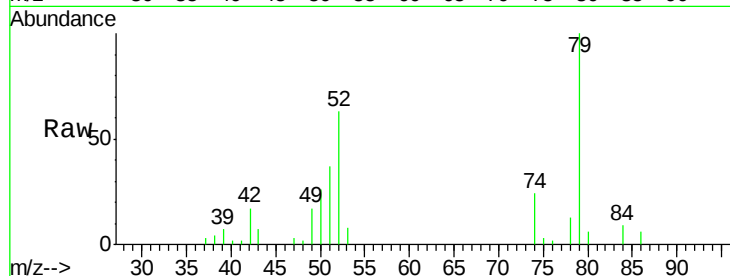
Tot Ion: 79 Resp: 94064

Ion Ratio Lower Upper

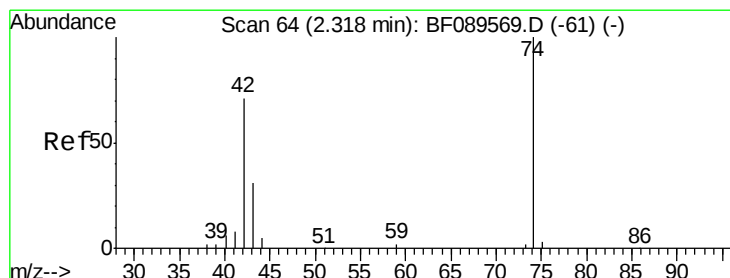
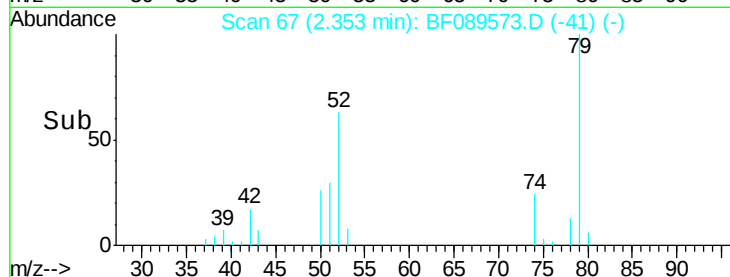
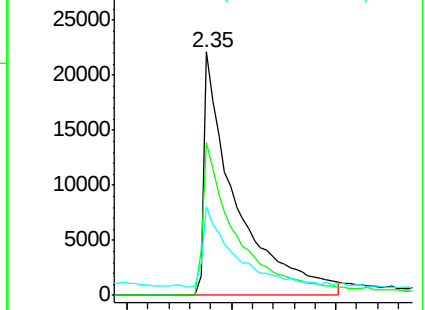
79 100

52 63.0 50.6 76.0

51 36.5 27.6 41.4



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 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

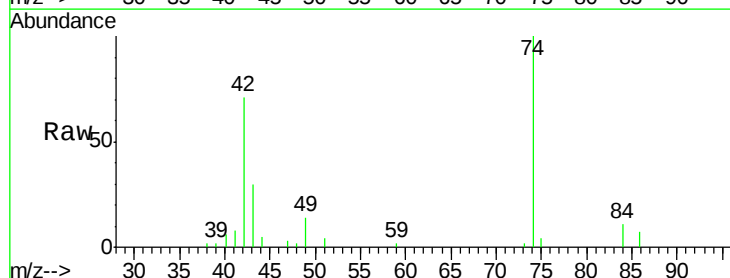
Tgt Ion: 42 Resp: 38944

Ion Ratio Lower Upper

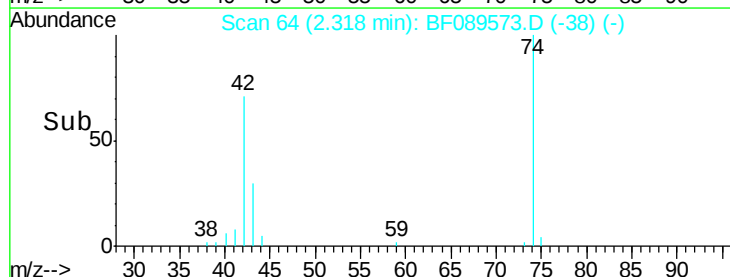
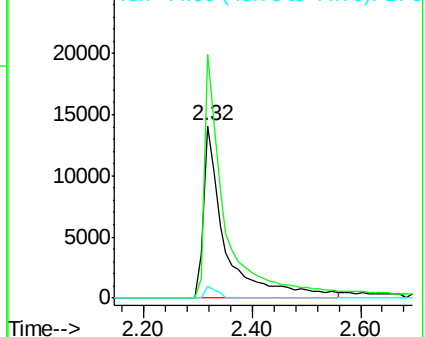
42 100

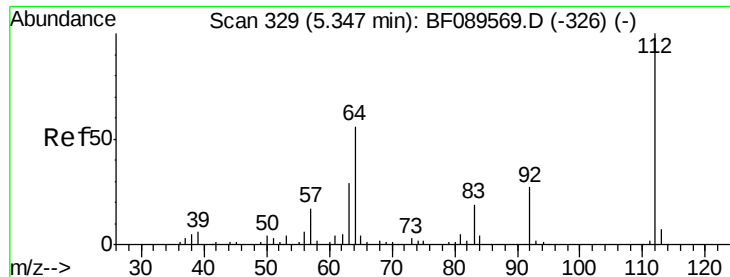
74 141.4 113.5 170.3

44 7.3 5.5 8.3



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0

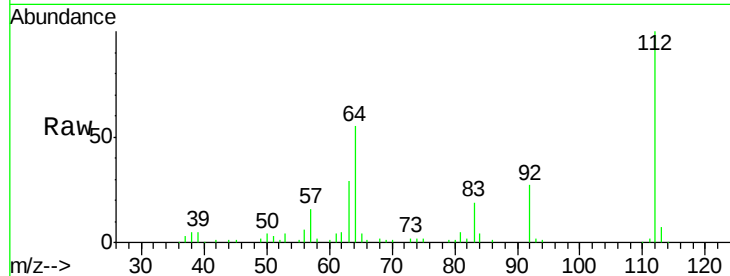




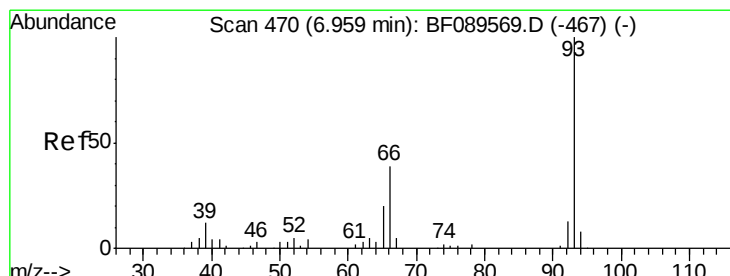
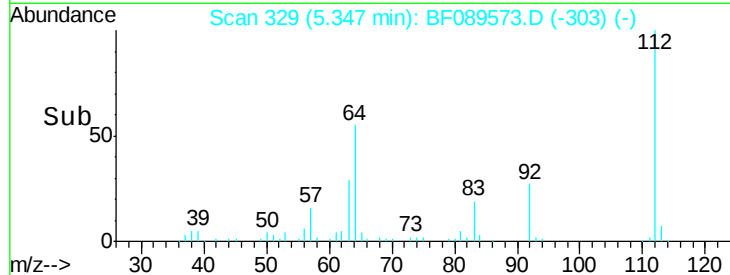
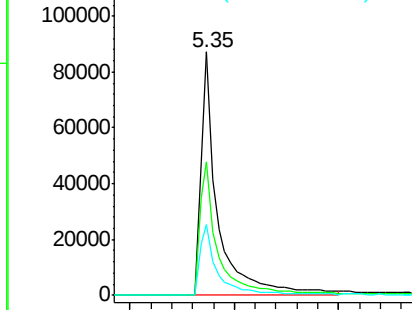
#5
 2-Fluorophenol
 Concen: 79.74 ng
 RT: 5.35 min Scan# 329
 Delta R.T. -0.00 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
112	100		
64	54.9	45.2	67.8
63	29.1	23.1	34.7

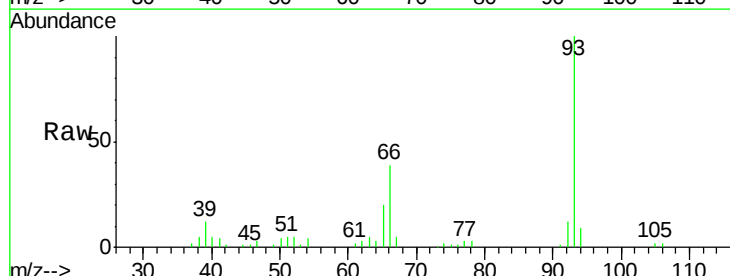


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0

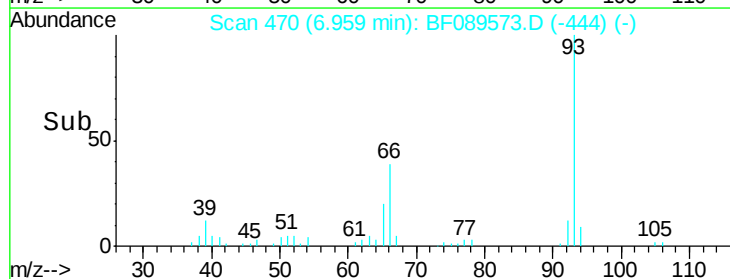
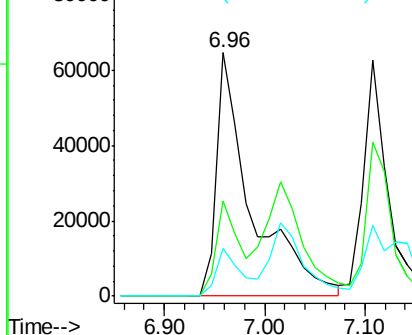


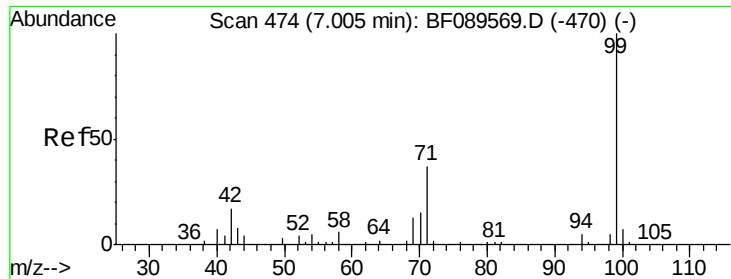
#6
 Aniline
 Concen: 34.93 ng
 RT: 6.96 min Scan# 470
 Delta R.T. -0.00 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

Tgt Ion	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

ClientSampleId :

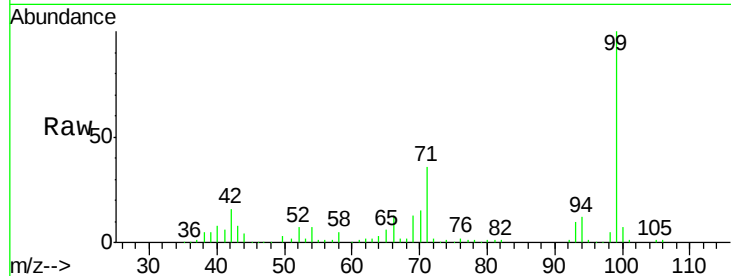
Tot Ion: 99 Resp: 268173

Ion Ratio Lower Upper

99 100

42 16.0 13.9 20.9

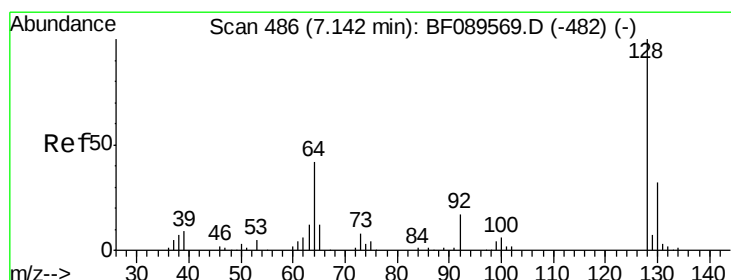
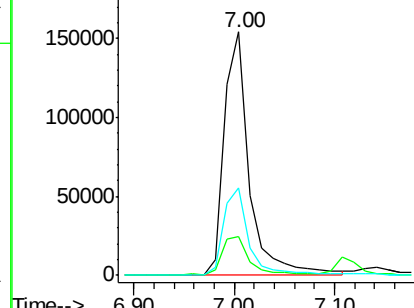
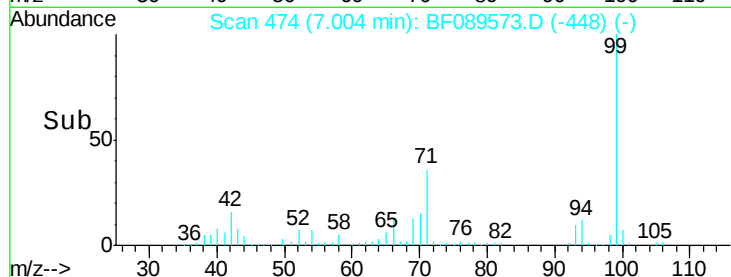
71 35.8 29.3 43.9



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

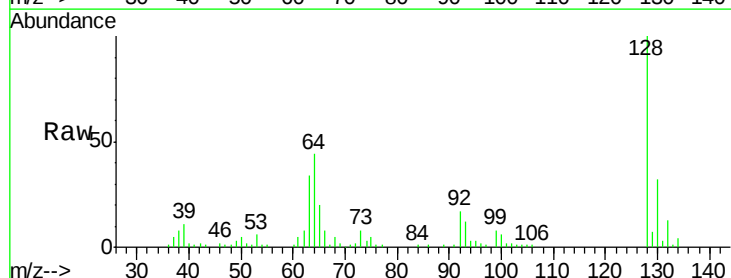
Tgt Ion: 128 Resp: 116572

Ion Ratio Lower Upper

128 100

130 32.0 12.4 52.4

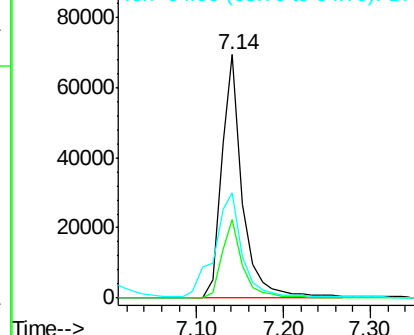
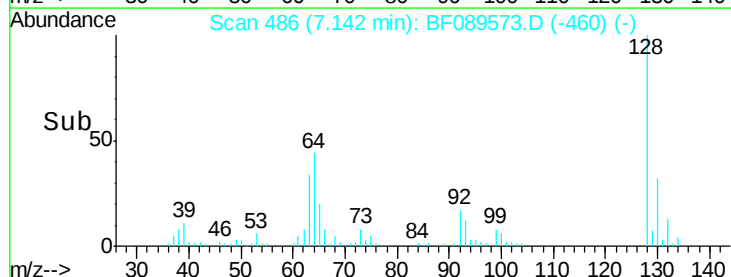
64 43.5 24.0 64.0

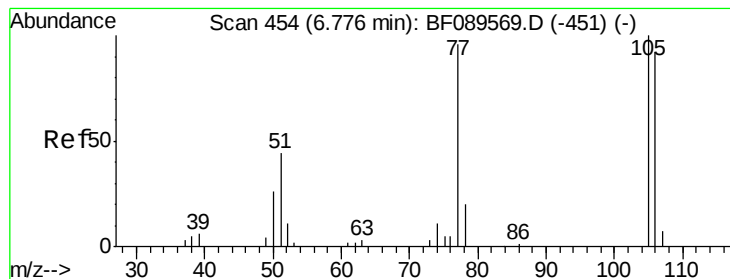


Abundance Ion 128.00 (127.70 to 128.70): E

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

ClientSampleId :

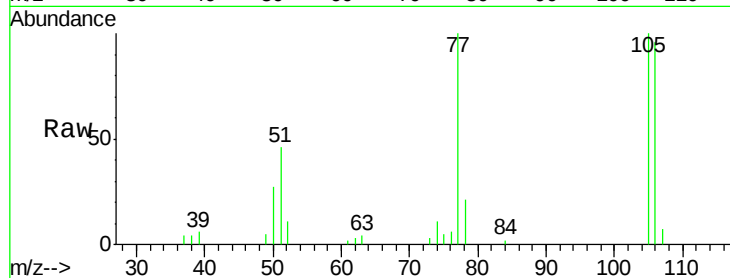
Tot Ion: 77 Resp: 54057

Ion Ratio Lower Upper

77 100

105 100.0 84.0 124.0

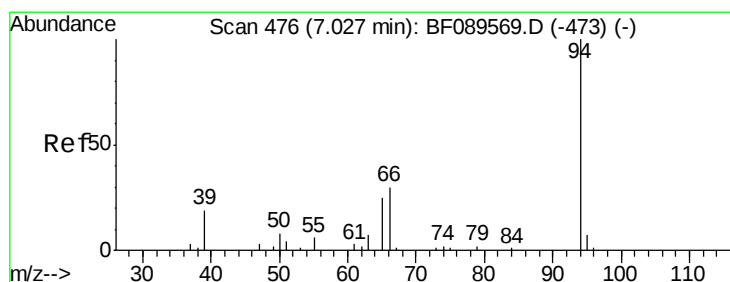
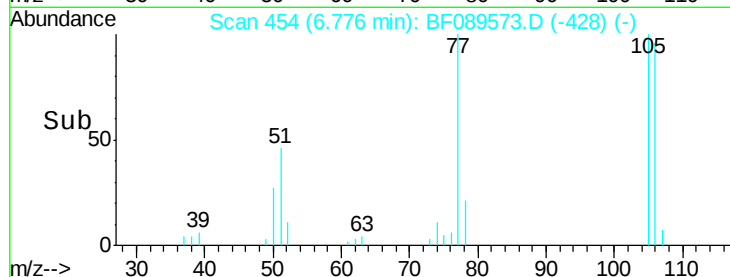
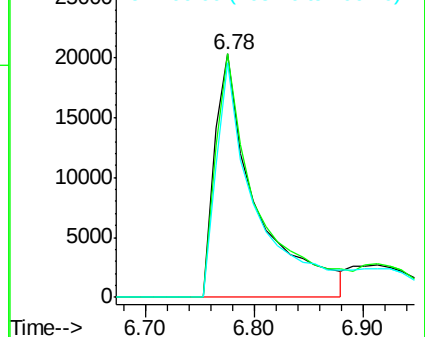
106 96.4 75.3 115.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 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

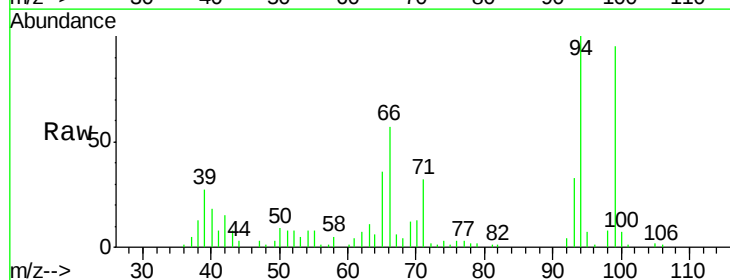
Tgt Ion: 94 Resp: 139862

Ion Ratio Lower Upper

94 100

65 36.4 11.9 51.9

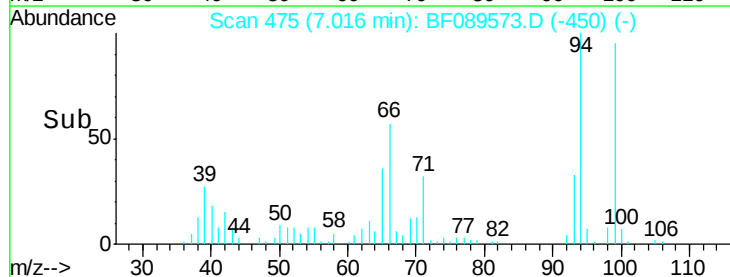
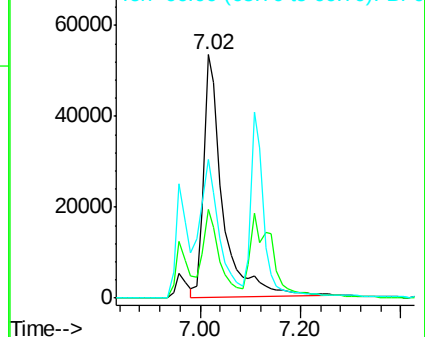
66 56.8 30.9 70.9

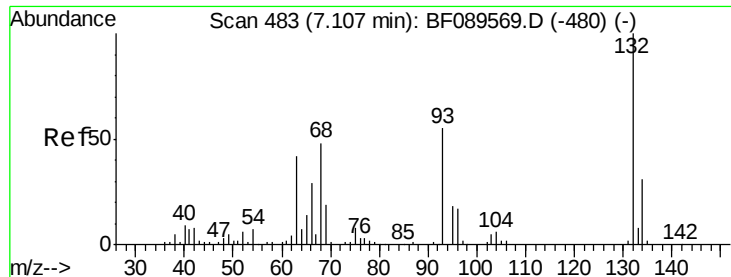


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

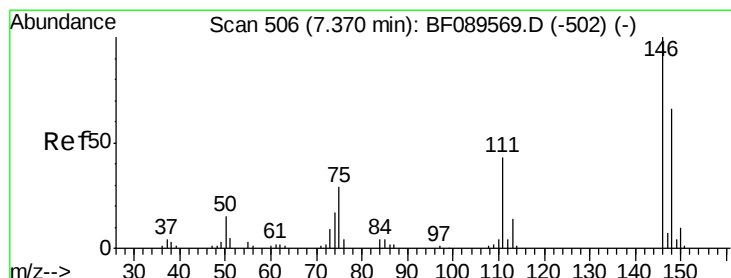
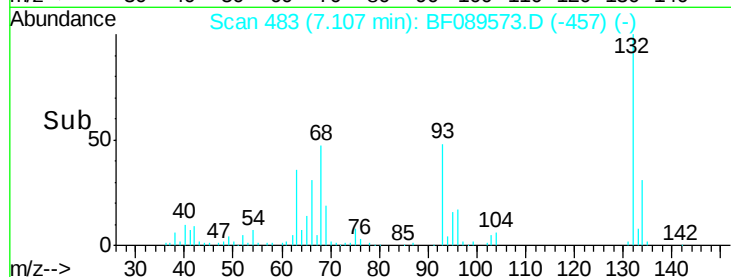
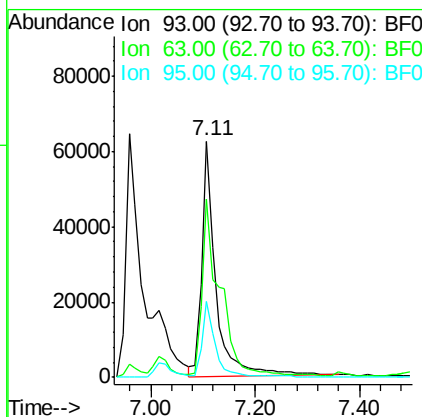
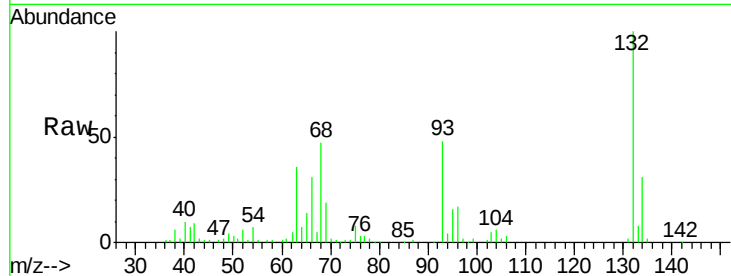




#11
bis(2-Chloroethyl)ether
Concen: 37.97 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.00 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

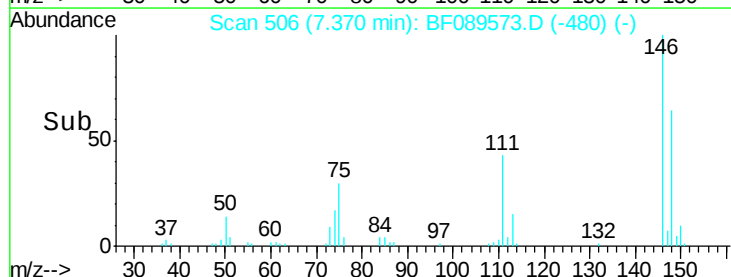
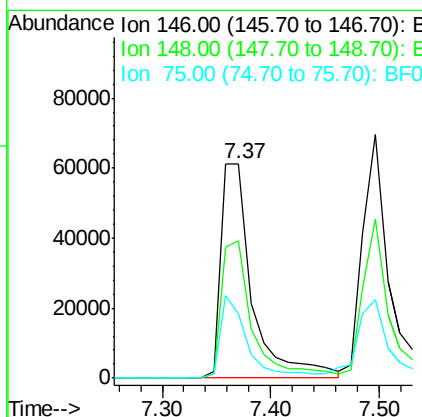
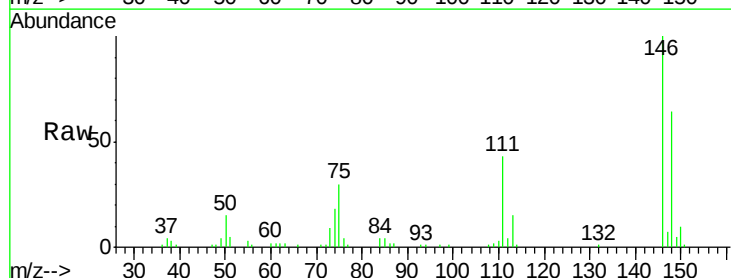
Instrument :
BNA_F
ClientSampled :

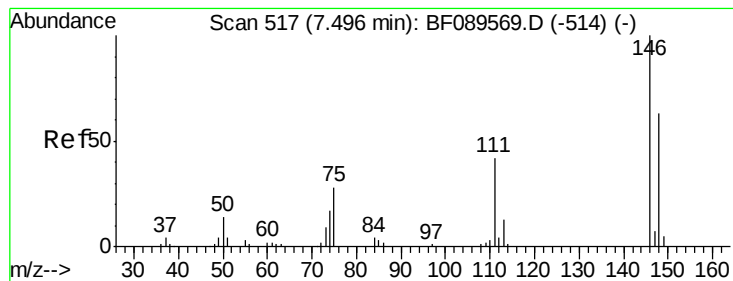
Tot Ion: 93 Resp: 116220
Ion Ratio Lower Upper
93 100
63 75.3 54.0 94.0
95 32.4 12.3 52.3



#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





#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 :

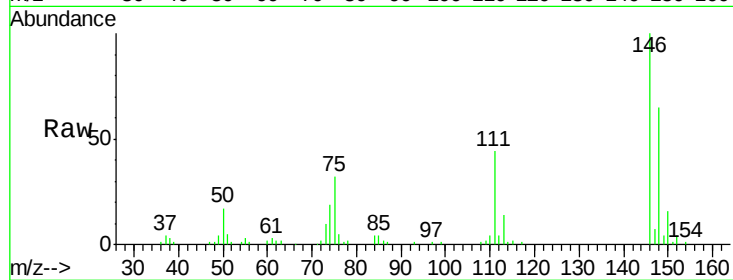
Tot Ion:146 Resp: 119133

Ion Ratio Lower Upper

146 100

148 65.3 50.6 76.0

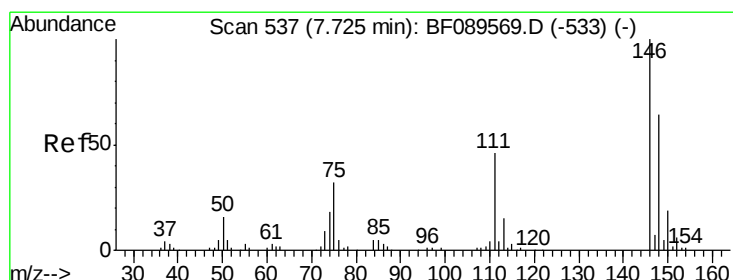
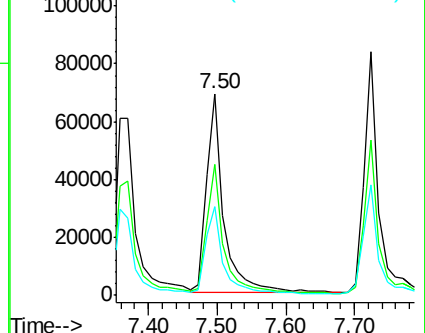
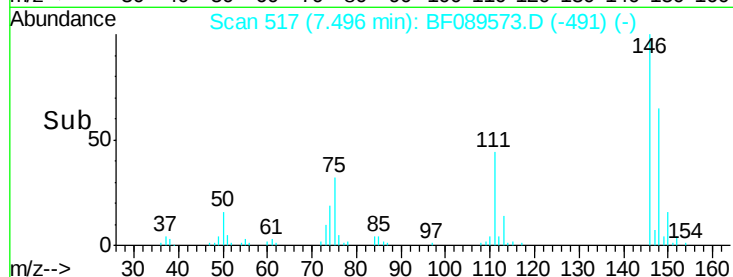
111 44.3 33.7 50.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 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

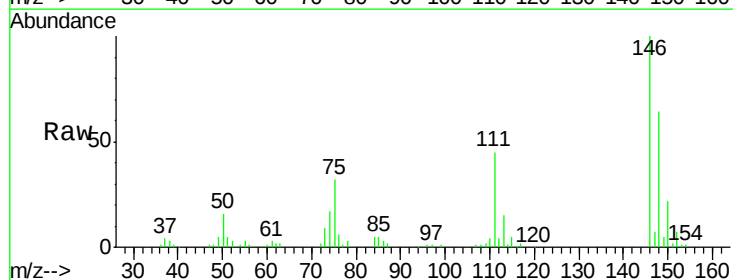
Tgt Ion:146 Resp: 123222

Ion Ratio Lower Upper

146 100

148 63.8 51.4 77.0

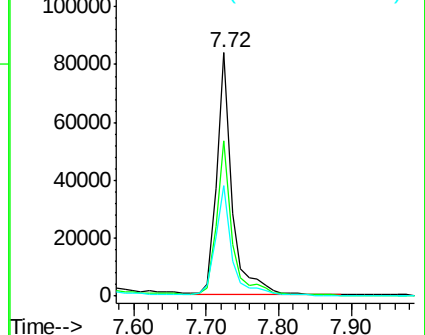
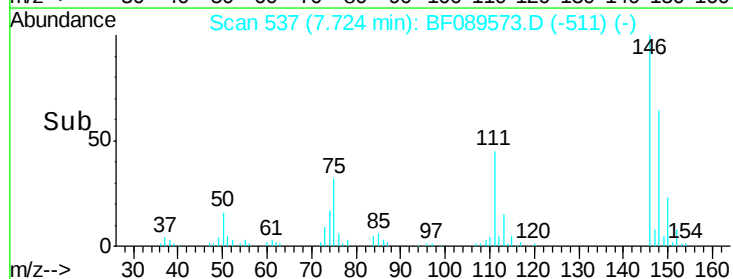
111 45.4 36.6 55.0

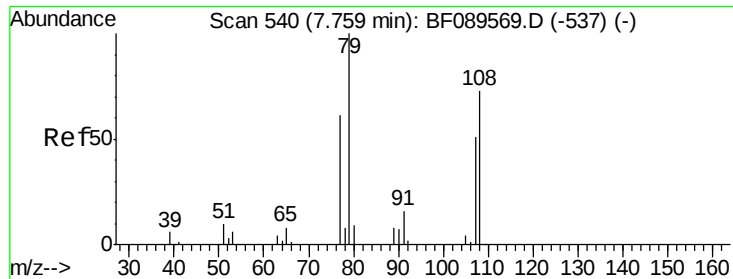


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 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 :

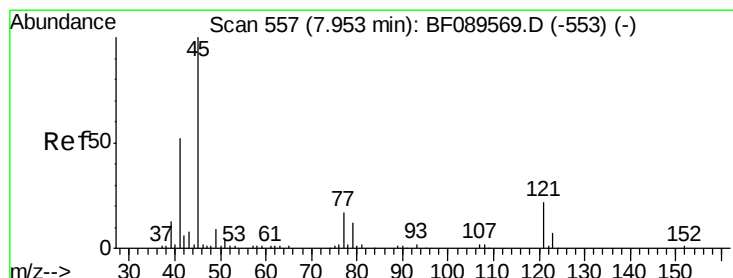
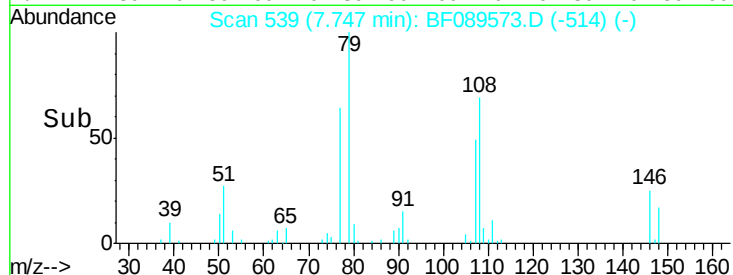
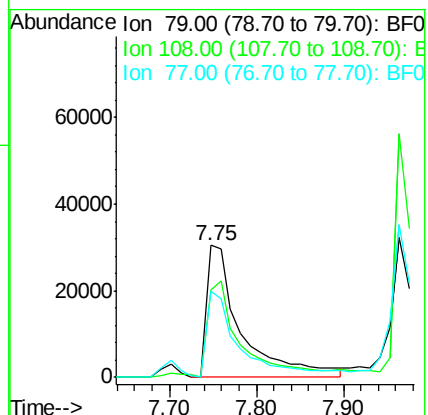
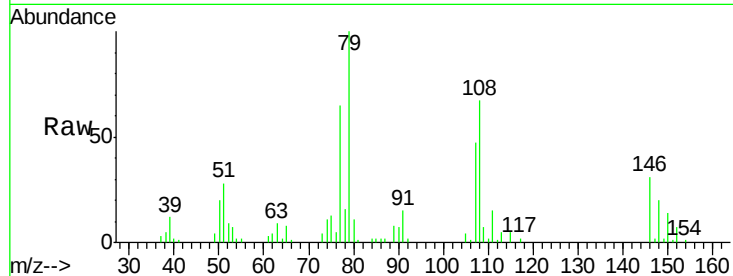
Tot Ion: 79 Resp: 83930

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

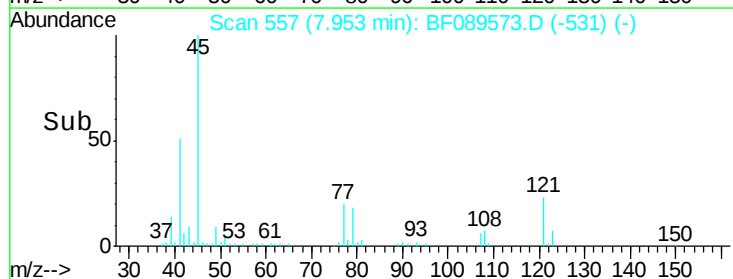
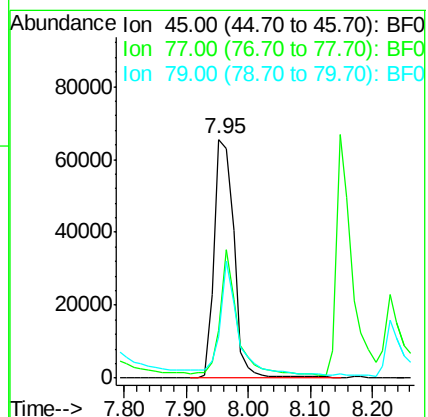
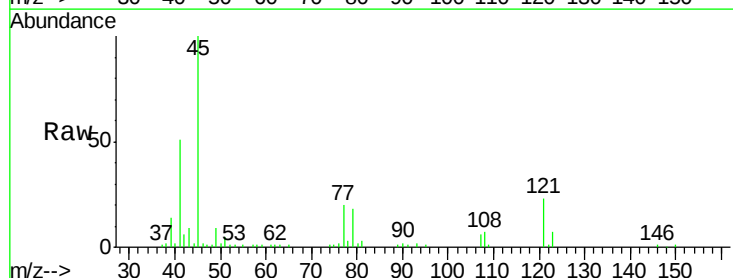
Tgt Ion: 45 Resp: 143449

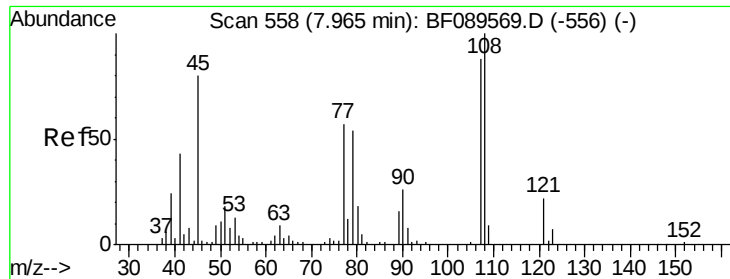
Ion Ratio Lower Upper

45 100

77 19.8 0.0 38.9

79 17.5 0.0 35.2

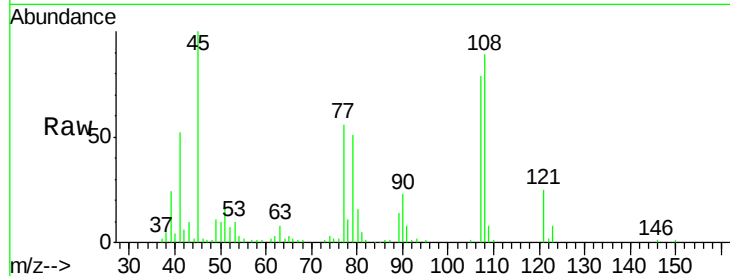




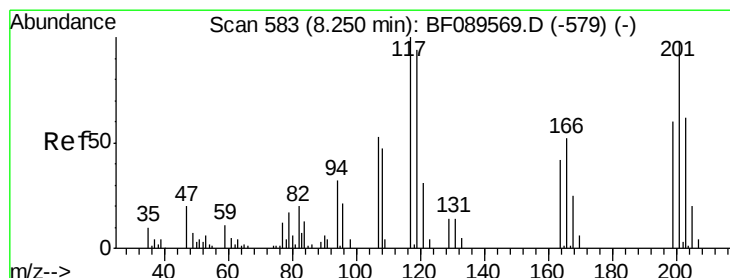
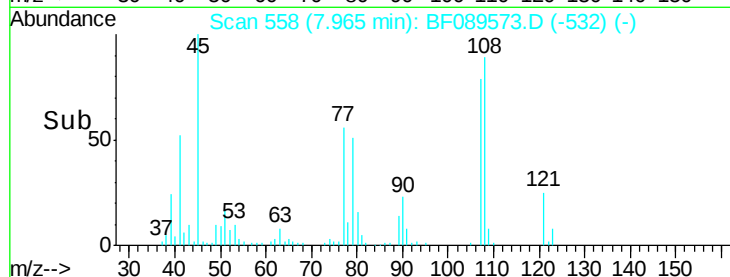
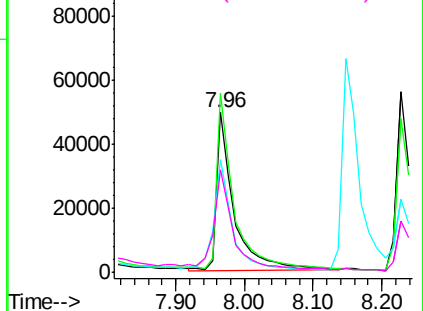
#17
2-Methylphenol
Concen: 39.46 ng
RT: 7.96 min Scan# 558
Delta R.T. -0.00 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

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

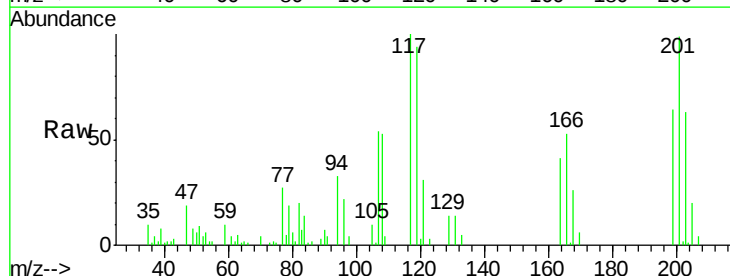


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

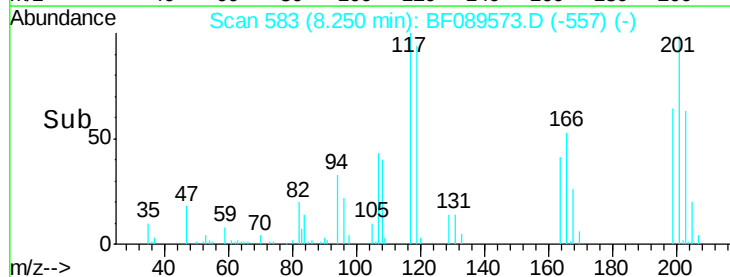
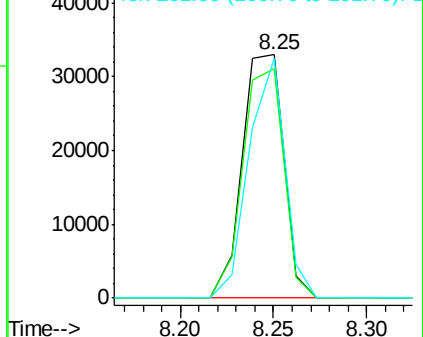


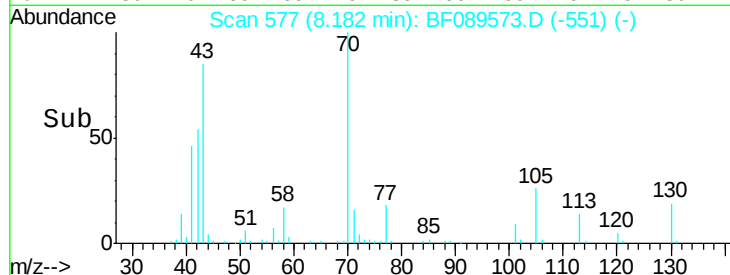
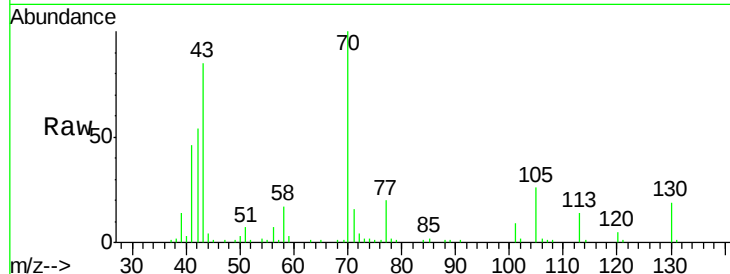
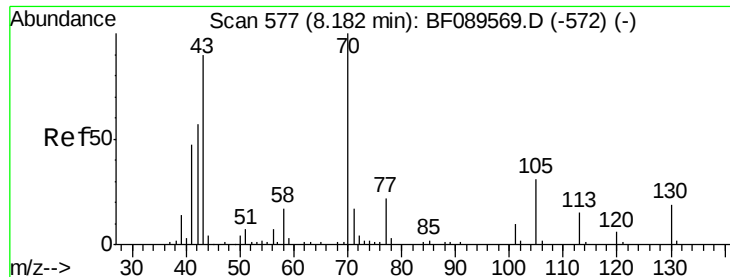
#18
Hexachloroethane
Concen: 36.66 ng
RT: 8.25 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

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



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

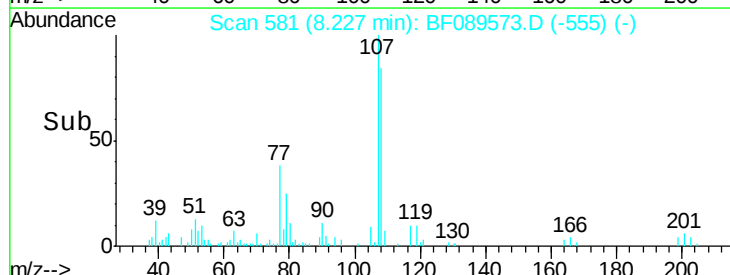
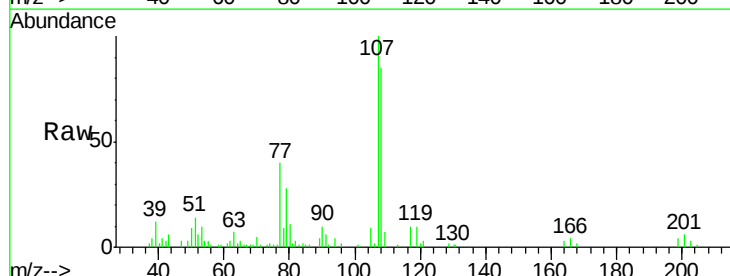
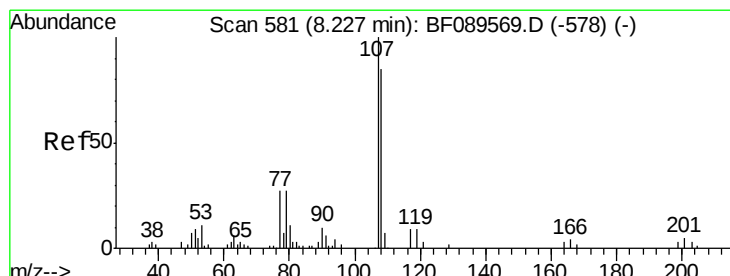
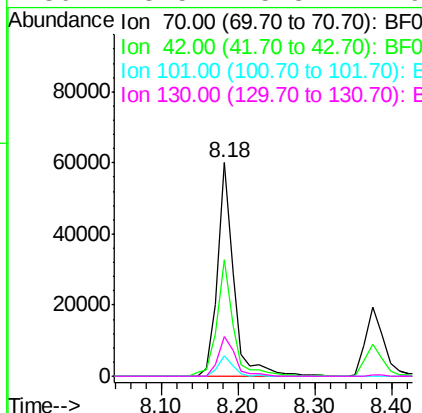




#19
n-Nitroso-di-n-propylamine
Concen: 37.48 ng
RT: 8.18 min Scan# 577
Delta R.T. -0.00 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

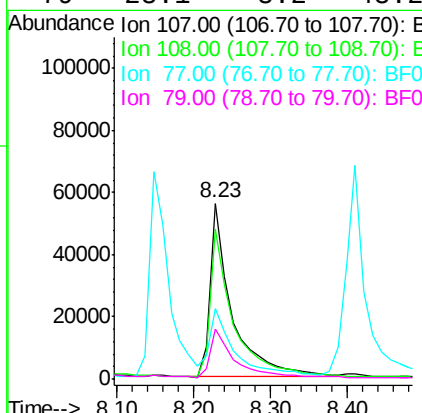
Instrument :
BNA_F
ClientSampleId :

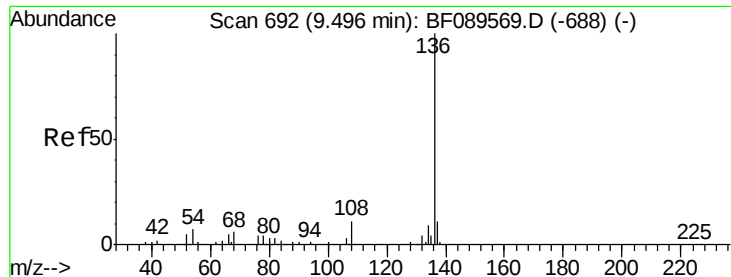
Tot Ion:	70	Resp:	88638
Ion	Ratio	Lower	Upper
70	100		
42	54.4	45.5	68.3
101	9.4	7.7	11.5
130	18.5	15.3	22.9



#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

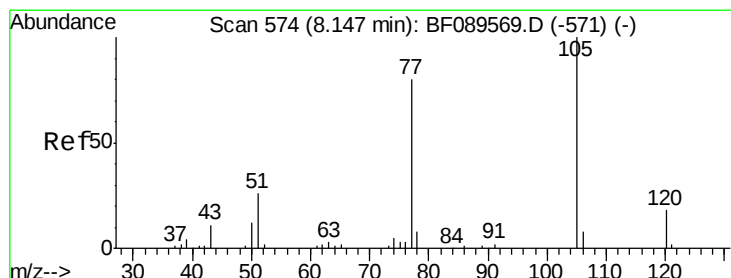
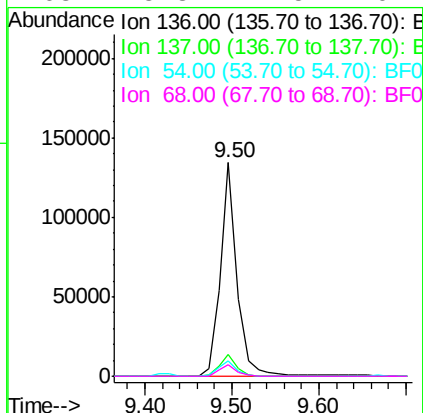
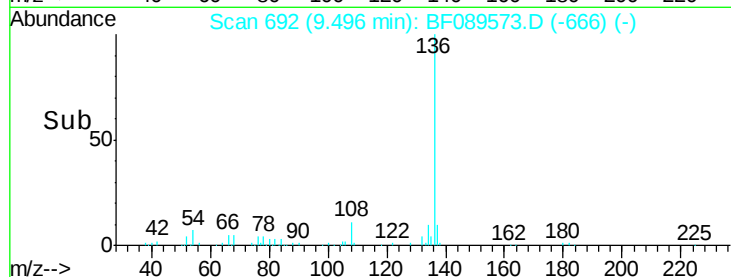
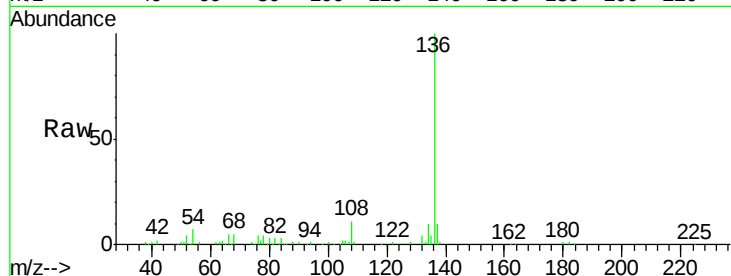




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.50 min Scan# 692
Delta R.T. -0.00 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

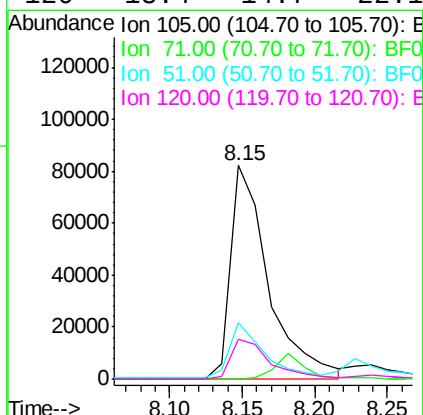
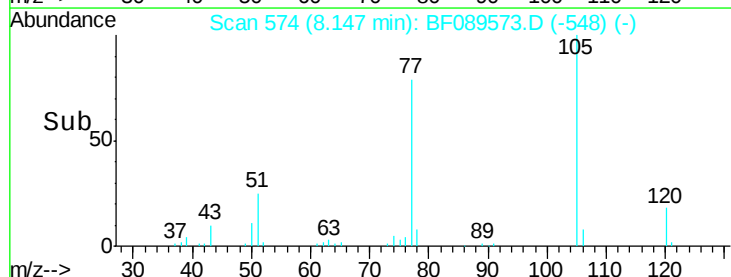
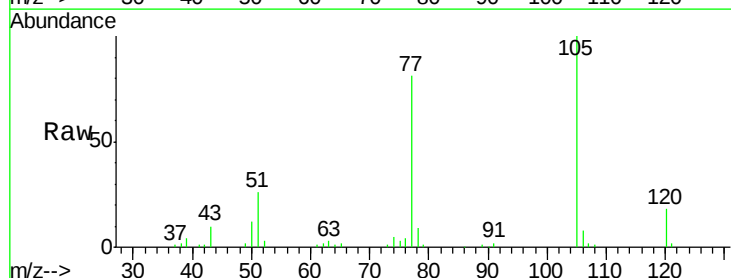
Instrument :
BNA_F
ClientSampleId :

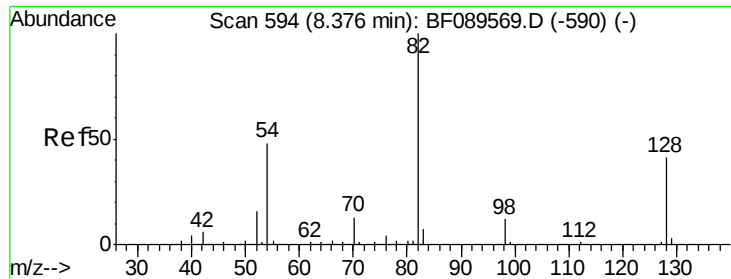
Tot Ion:136	Resp:	180634
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.8 13.2
54	7.3	5.9 8.9
68	5.3	4.5 6.7



#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

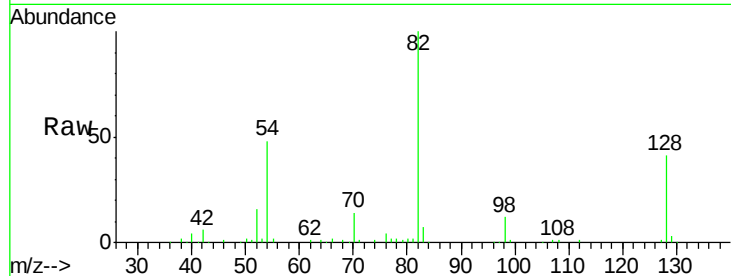




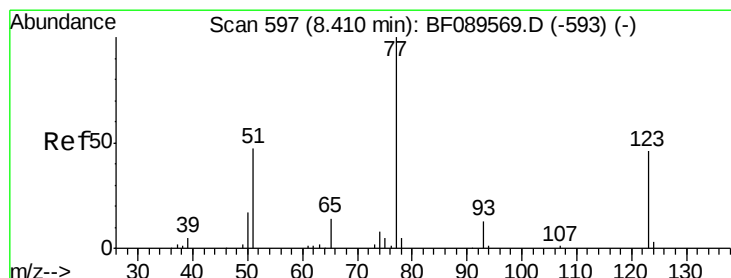
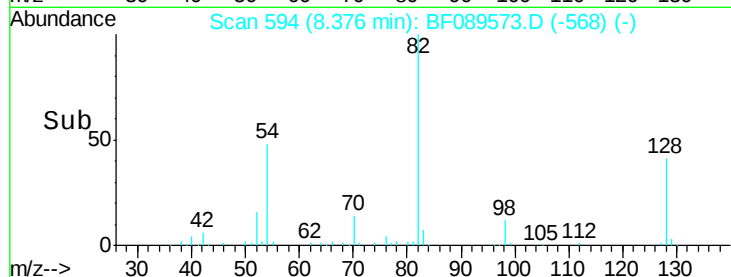
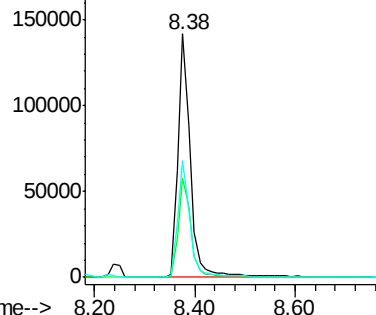
#23
Nitrobenzene-d5
Concen: 75.04 ng
RT: 8.38 min Scan# 594
Delta R.T. -0.00 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 245025
Ion Ratio Lower Upper
82 100
128 40.9 32.4 48.6
54 48.0 38.6 58.0

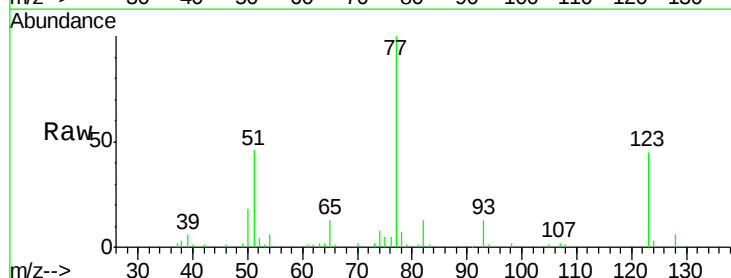


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

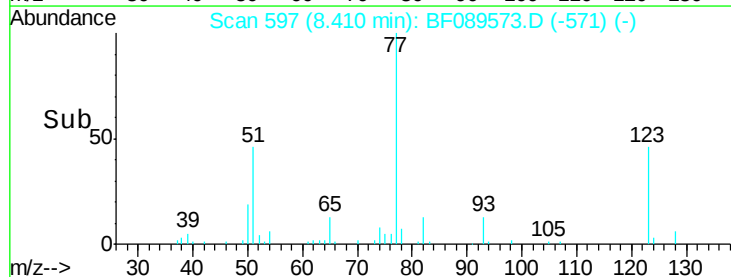
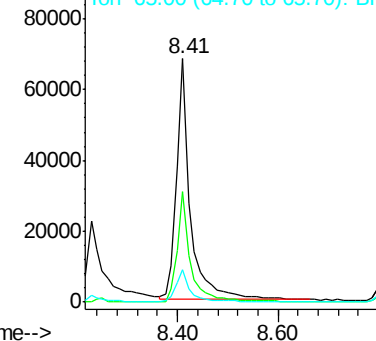


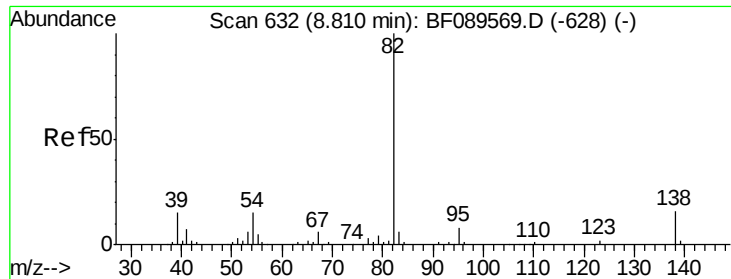
#24
Nitrobenzene
Concen: 39.14 ng
RT: 8.41 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

Tgt Ion: 77 Resp: 129653
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): B
Ion 65.00 (64.70 to 65.70): BF0

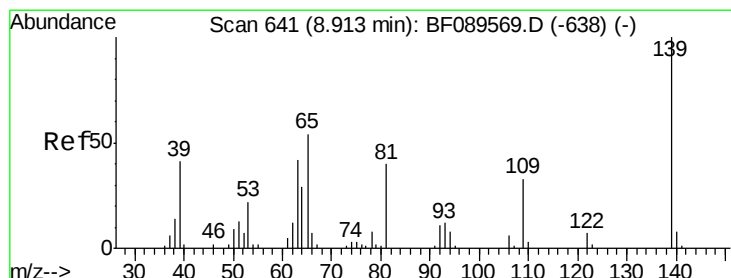
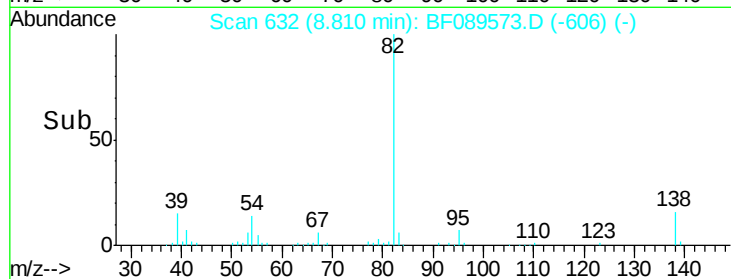
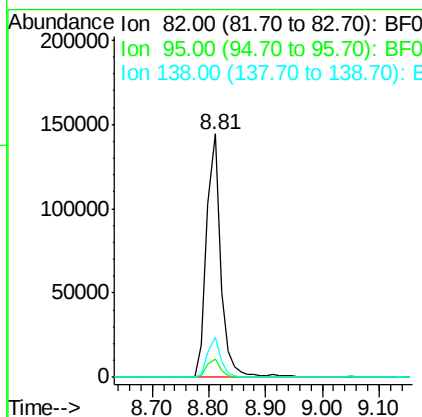
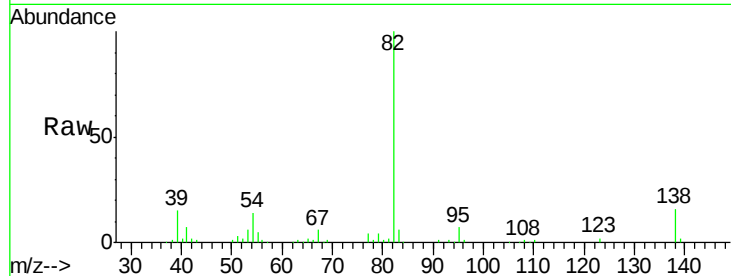




#25
Isophorone
Concen: 39.22 ng
RT: 8.81 min Scan# 632
Delta R.T. -0.00 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

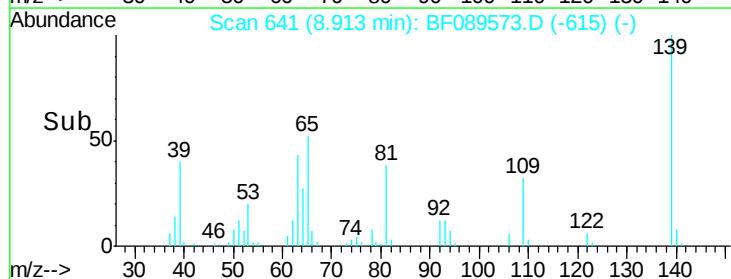
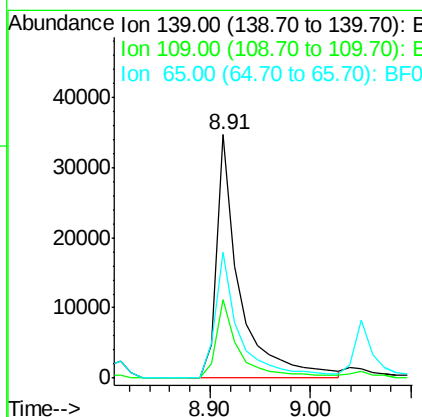
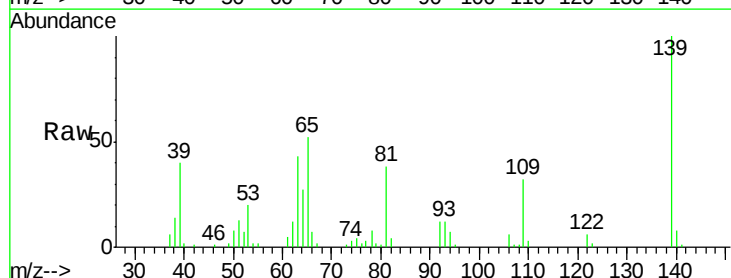
Instrument :
BNA_F
ClientSampleId :

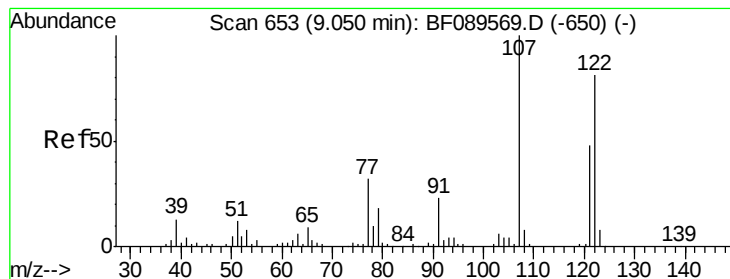
Tot Ion: 82 Resp: 243157
Ion Ratio Lower Upper
82 100
95 7.4 6.1 9.1
138 16.2 13.0 19.4



#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 :

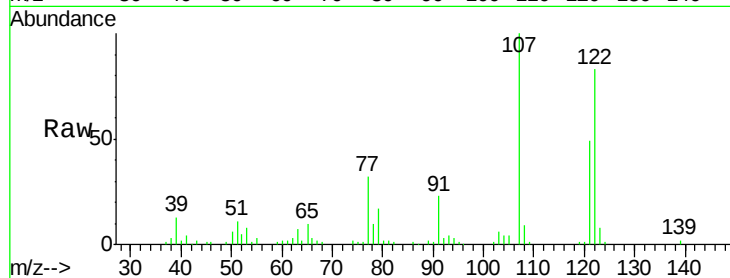
Tot Ion:122 Resp: 102700

Ion Ratio Lower Upper

122 100

107 121.0 99.3 148.9

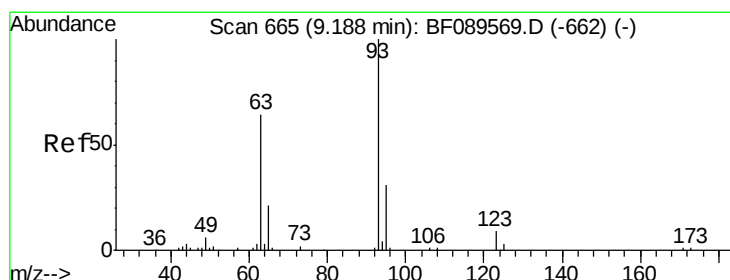
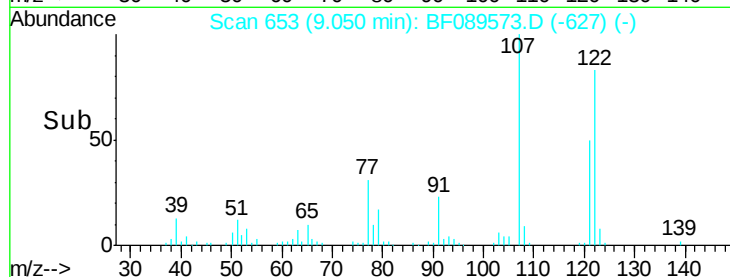
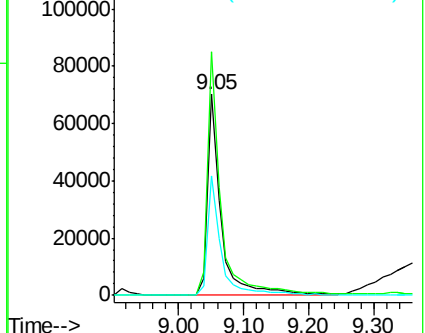
121 59.7 47.8 71.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 36.63 ng

RT: 9.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BF089573.D

Acq: 3 Aug 2016 22:42

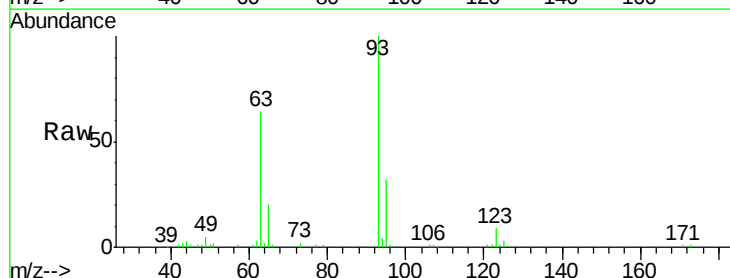
Tgt Ion: 93 Resp: 136035

Ion Ratio Lower Upper

93 100

95 31.8 25.0 37.6

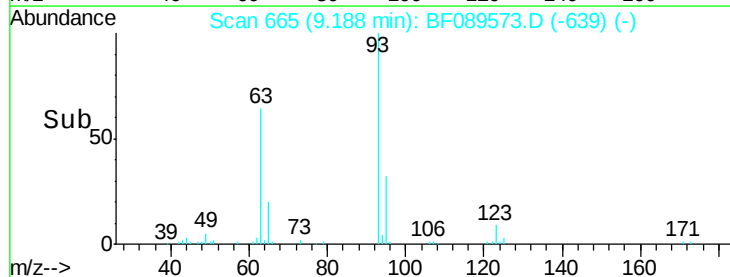
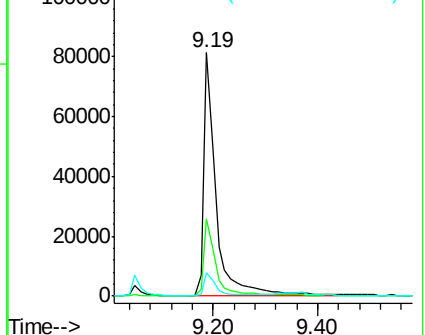
123 9.4 7.4 11.2

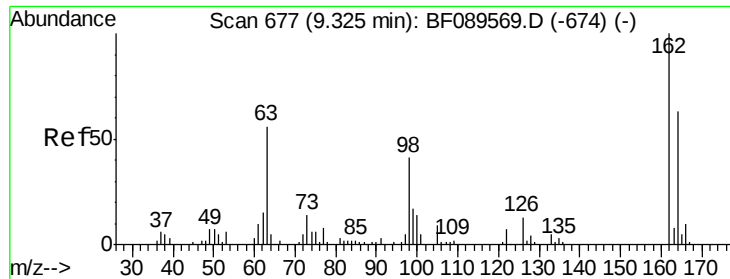


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

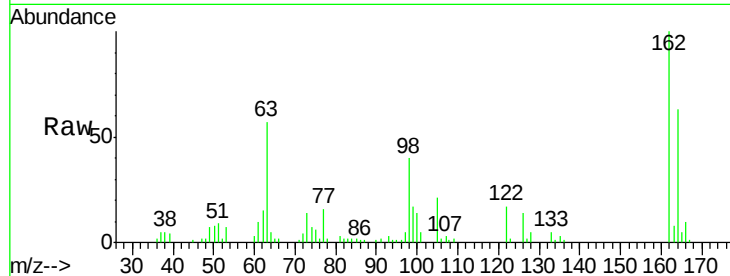




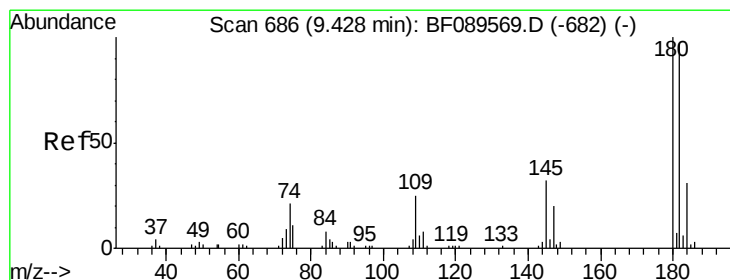
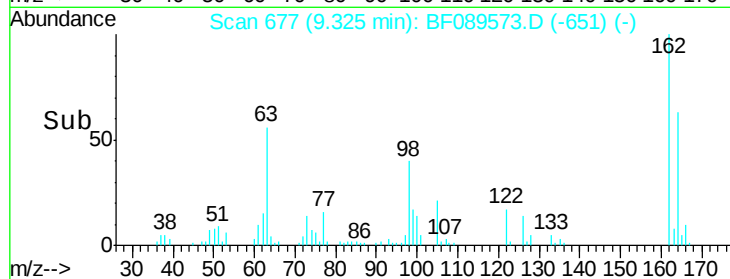
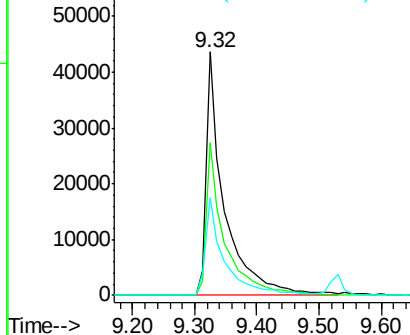
#29
 2,4-Dichlorophenol
 Concen: 36.92 ng
 RT: 9.32 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

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

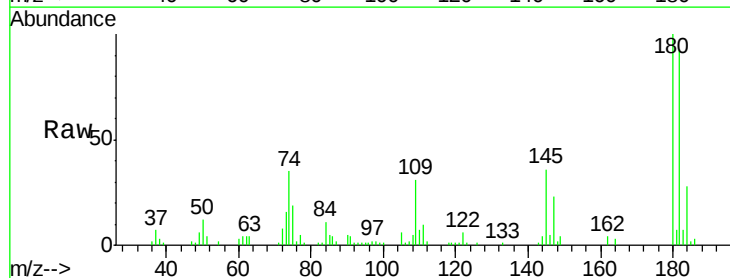


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

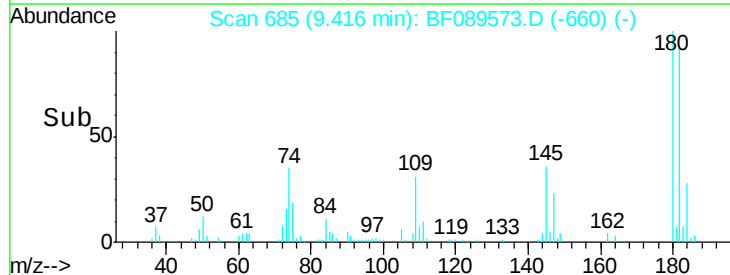
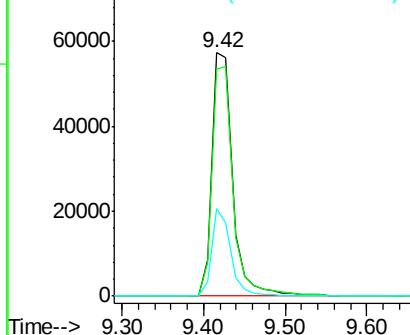


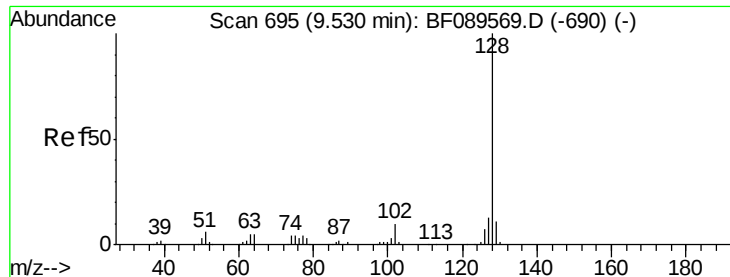
#30
 1,2,4-Trichlorobenzene
 Concen: 37.38 ng
 RT: 9.42 min Scan# 685
 Delta R.T. -0.01 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

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

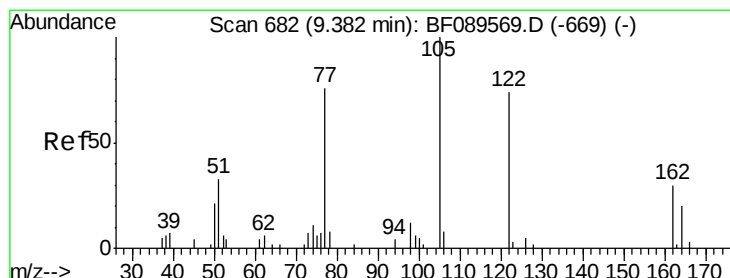
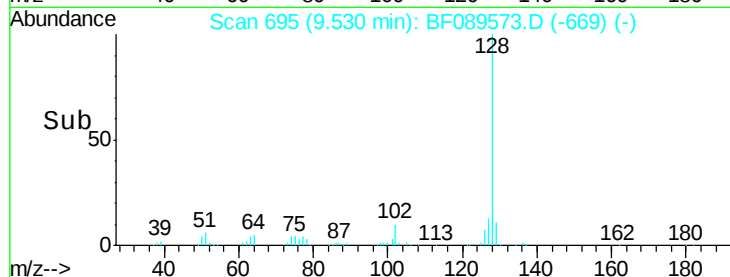
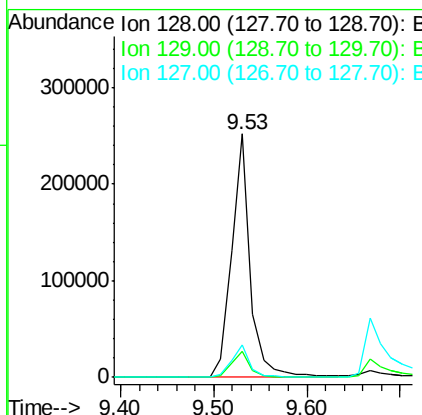
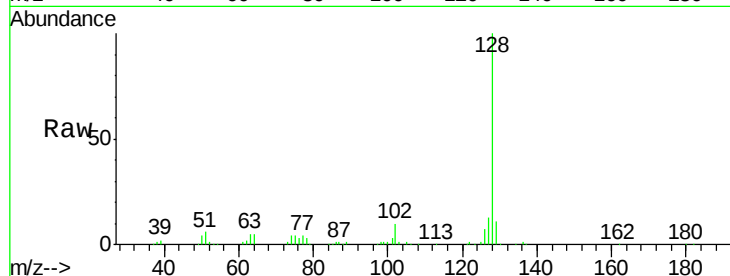




#31
Naphthalene
Concen: 36.63 ng
RT: 9.53 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

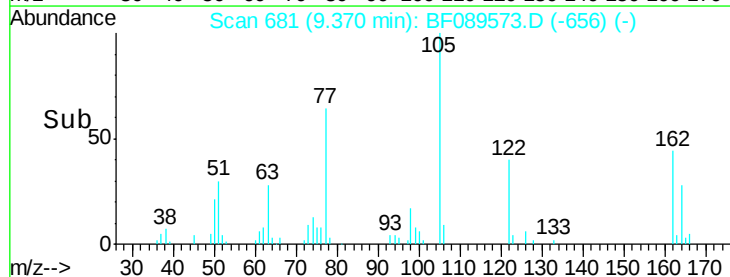
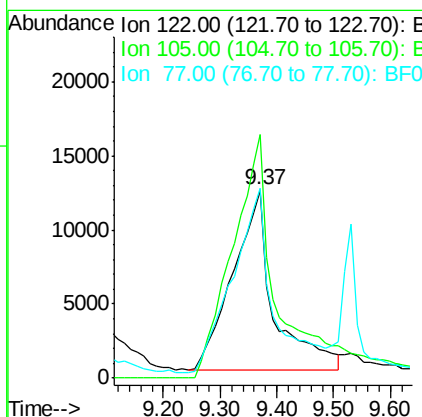
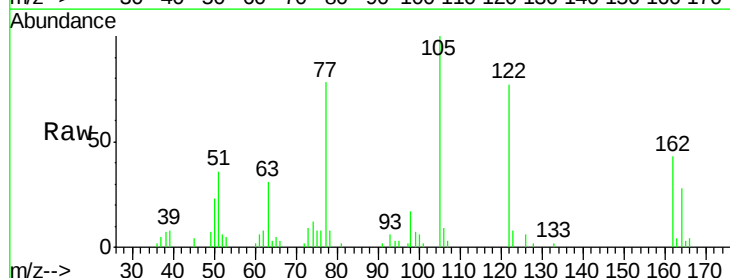
Instrument :
BNA_F
ClientSampleId :

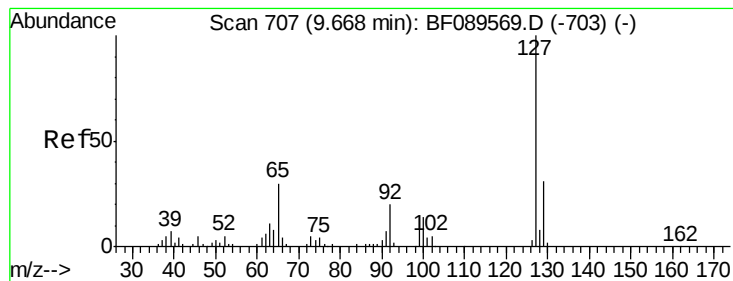
Tot Ion:128 Resp: 351777
Ion Ratio Lower Upper
128 100
129 10.6 8.8 13.2
127 13.4 10.8 16.2



#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





#33

4-Chloroaniline

Concen: 33.37 ng

RT: 9.67 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF089573.D

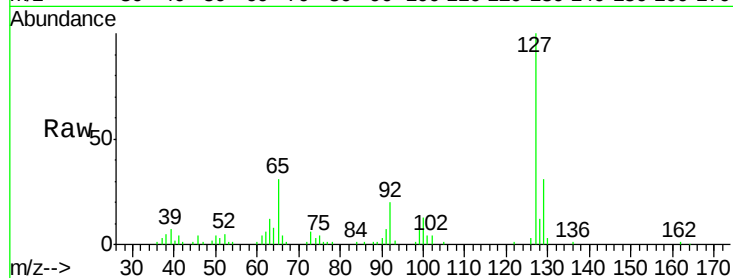
Acq: 3 Aug 2016 22:42

Instrument :

BNA_F

ClientSampleId :

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

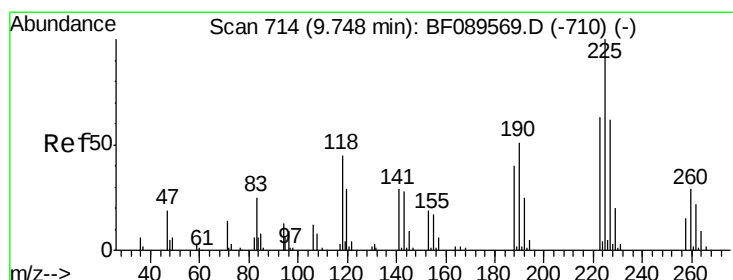
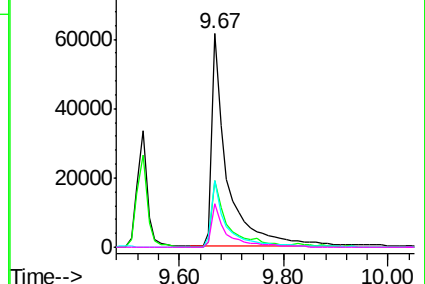
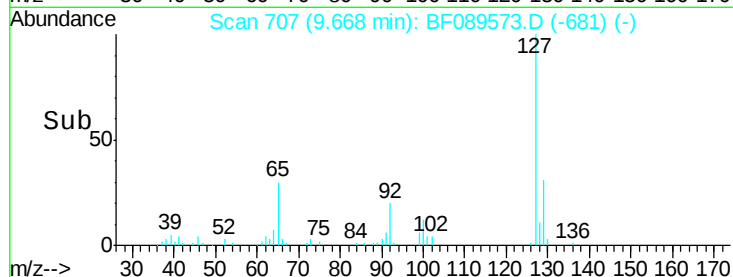


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 35.63 ng

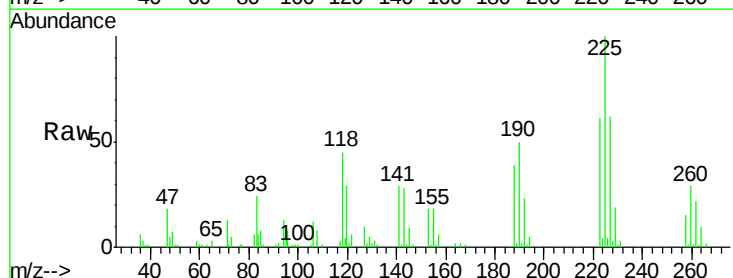
RT: 9.75 min Scan# 714

Delta R.T. -0.00 min

Lab File: BF089573.D

Acq: 3 Aug 2016 22:42

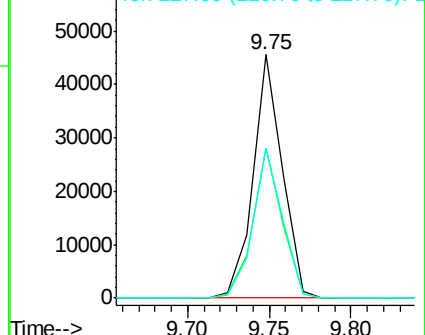
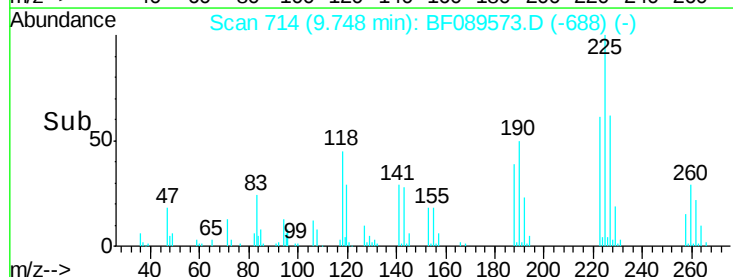
Tgt Ion:	225	Resp:	56369
Ion	Ratio	Lower	Upper
225	100		
223	61.5	50.3	75.5
227	61.9	49.6	74.4

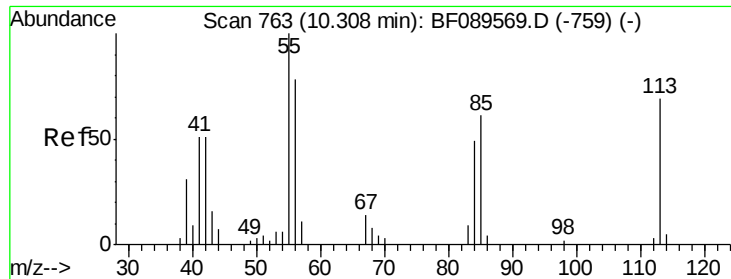


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

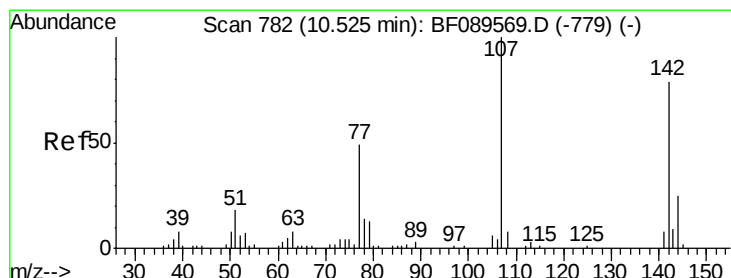
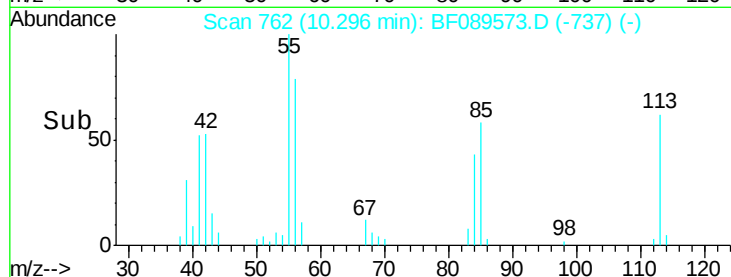
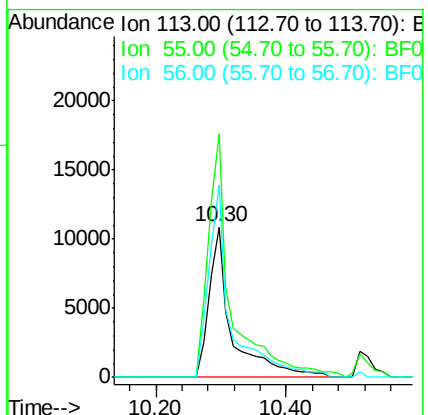
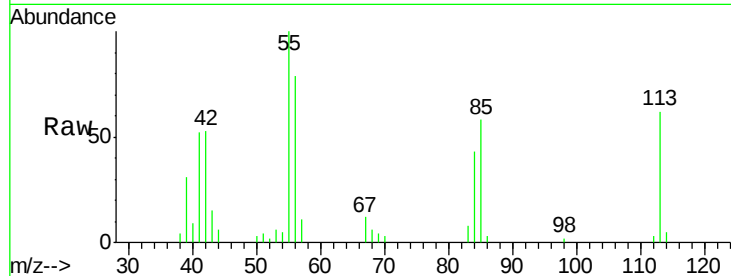




#35
Caprolactam
Concen: 37.93 ng
RT: 10.30 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

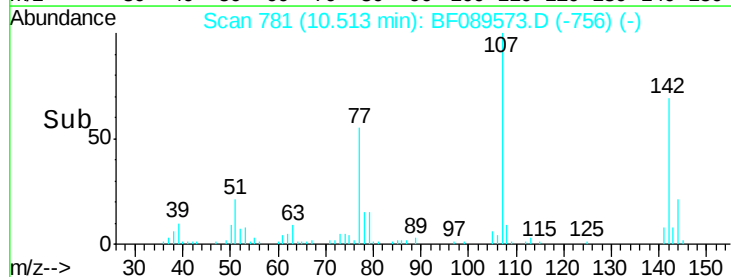
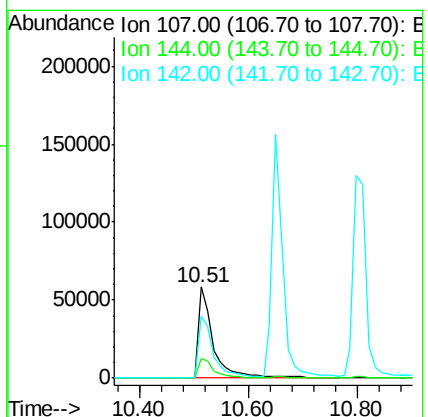
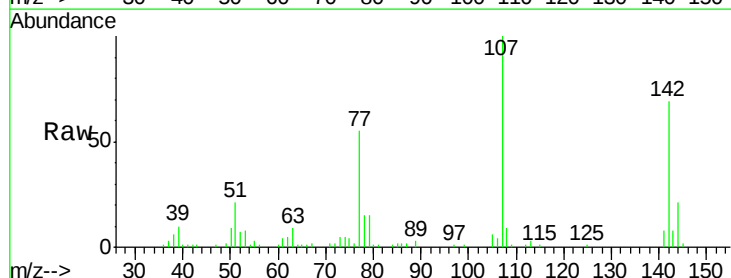
Instrument :
BNA_F
ClientSampleId :

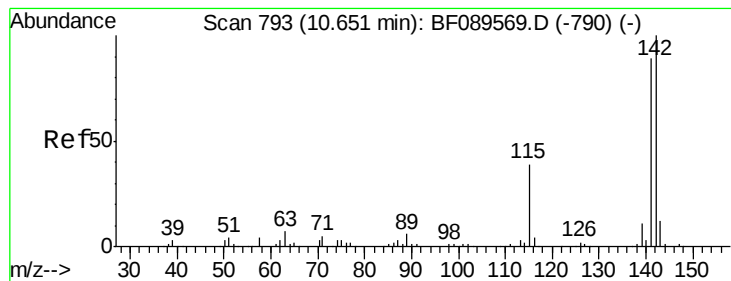
Tot Ion:113 Resp: 26619
Ion Ratio Lower Upper
113 100
55 161.5 124.4 164.4
56 127.3 92.2 132.2



#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





#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 :

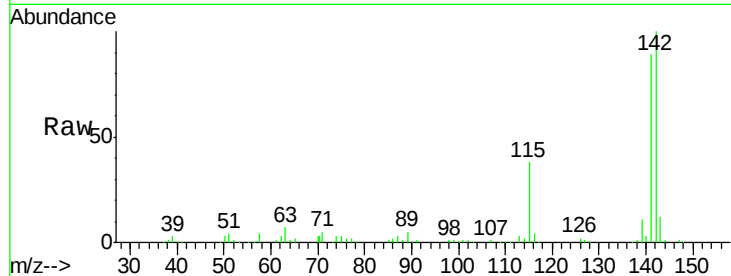
Tot Ion:142 Resp: 213476

Ion Ratio Lower Upper

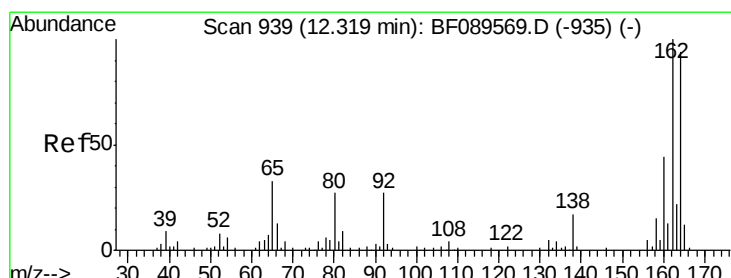
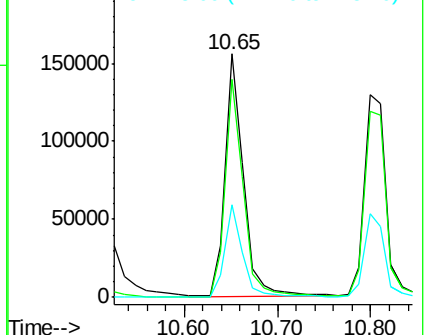
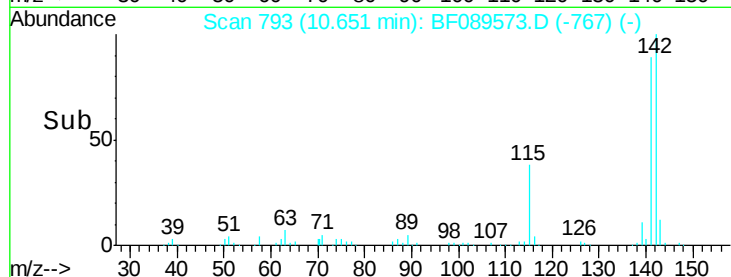
142 100

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

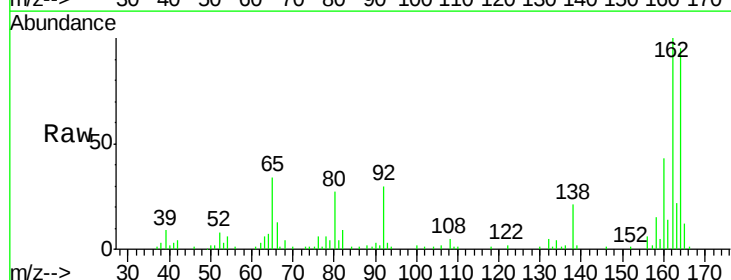
Tgt Ion:164 Resp: 83568

Ion Ratio Lower Upper

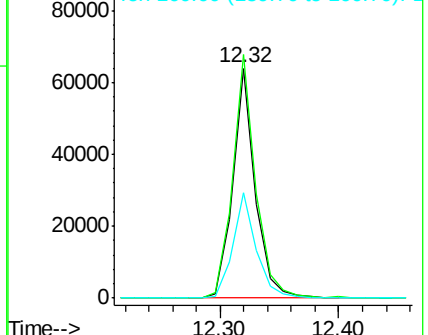
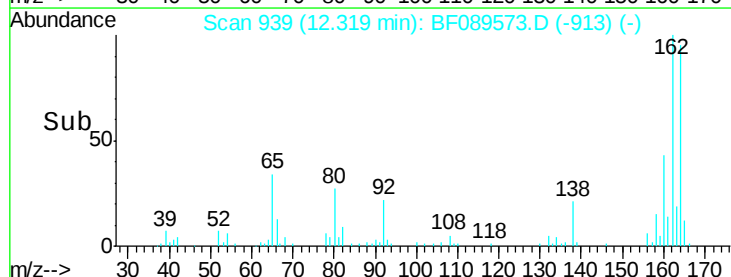
164 100

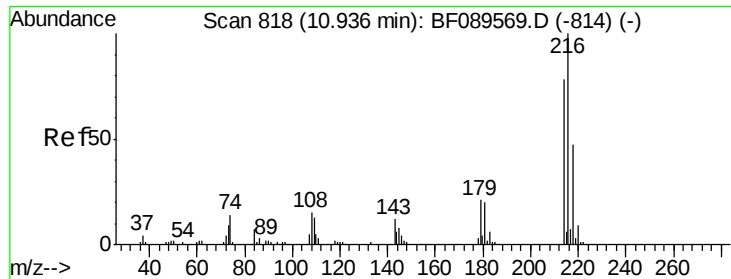
162 105.8 85.4 128.2

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

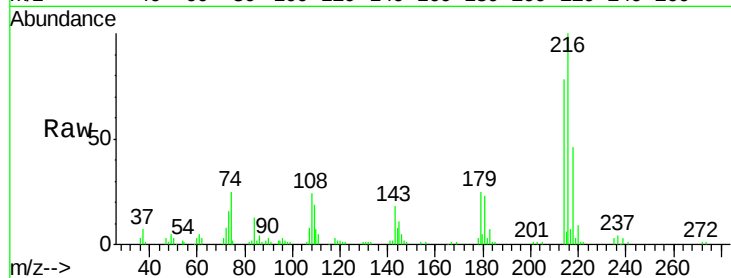




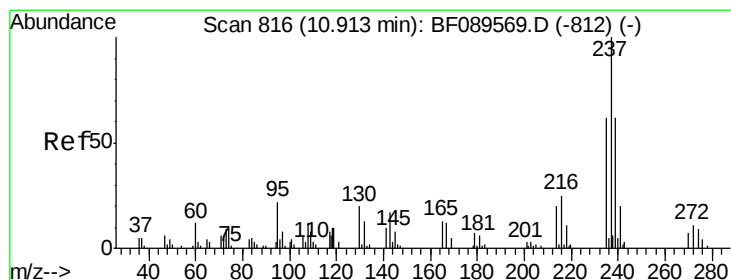
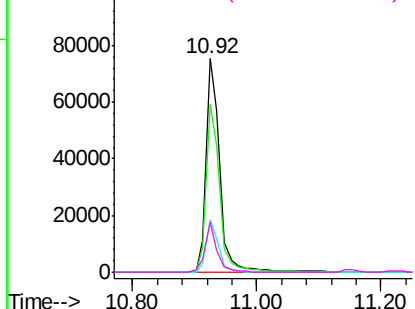
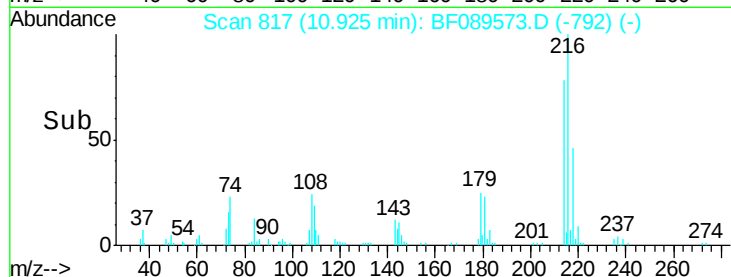
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.75 ng
 RT: 10.92 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

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

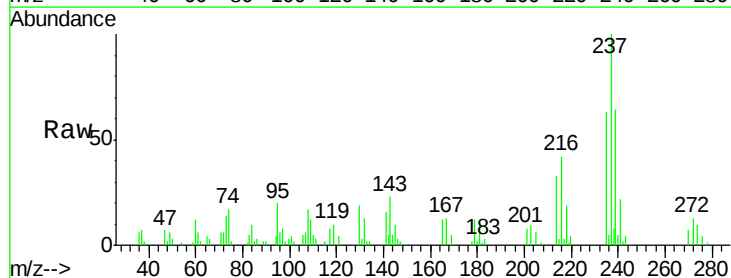


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

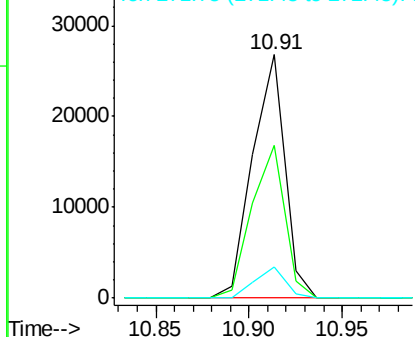
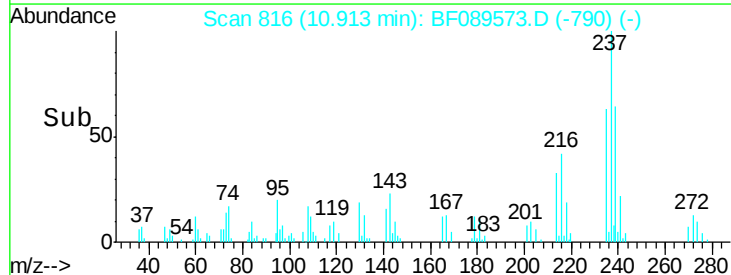


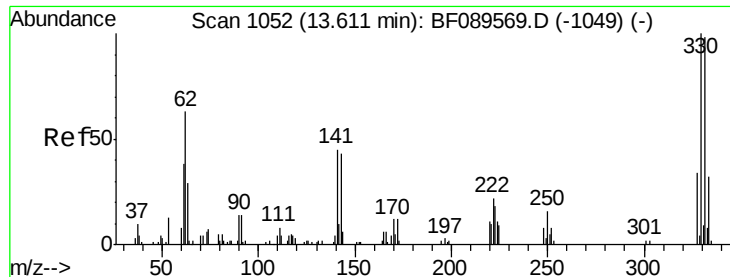
#40
 Hexachlorocyclopentadiene
 Concen: 33.33 ng
 RT: 10.91 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

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

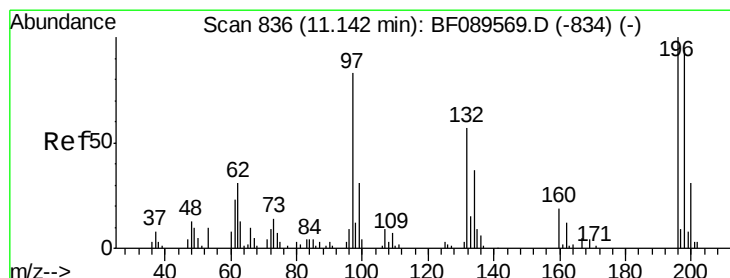
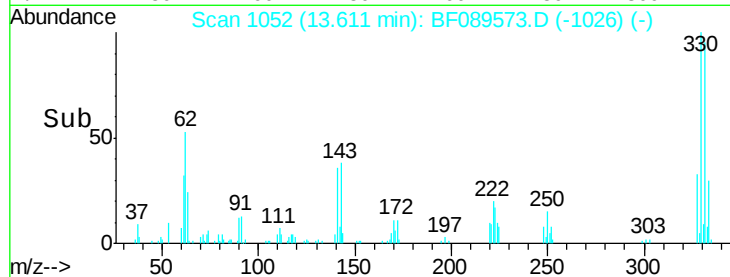
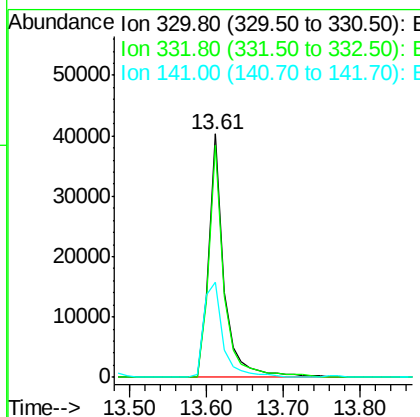
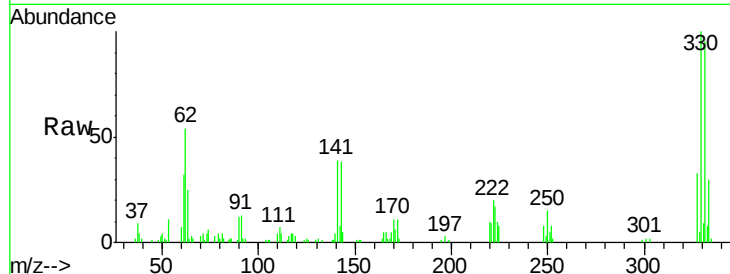




#41
 2,4,6-Tribromophenol
 Concen: 83.75 ng
 RT: 13.61 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

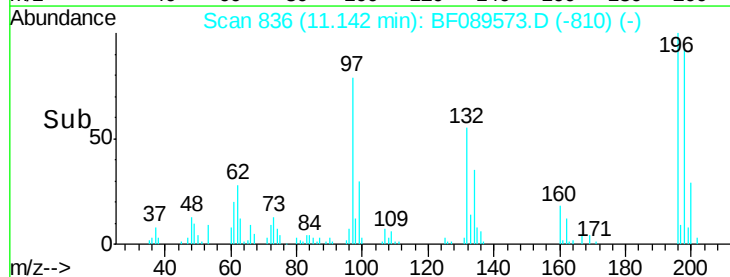
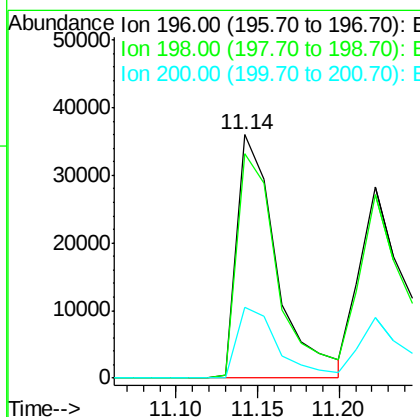
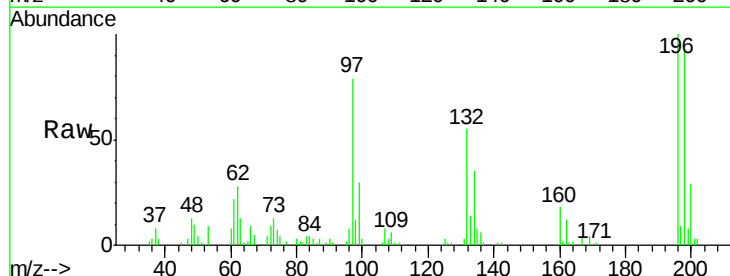
Instrument :
 BNA_F
 ClientSampleId :

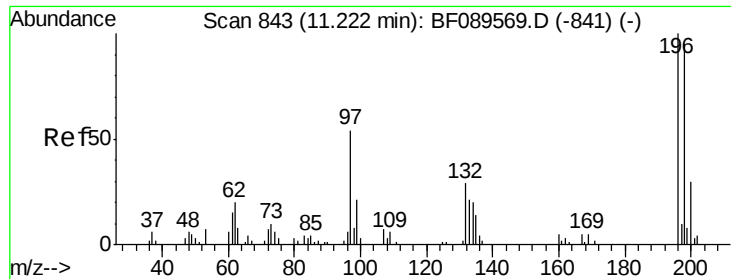
Tot Ion:330 Resp: 55589
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.7 115.1
 141 48.7 40.3 60.5



#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

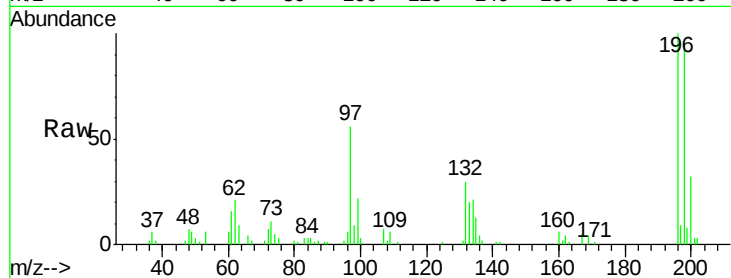




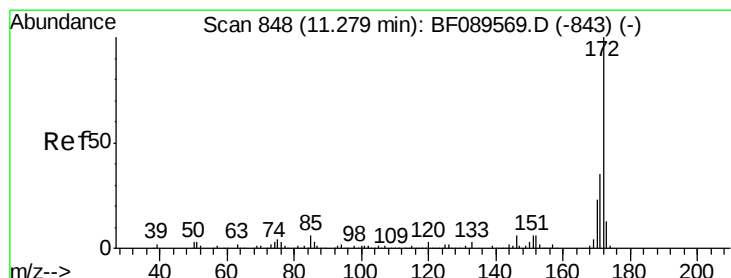
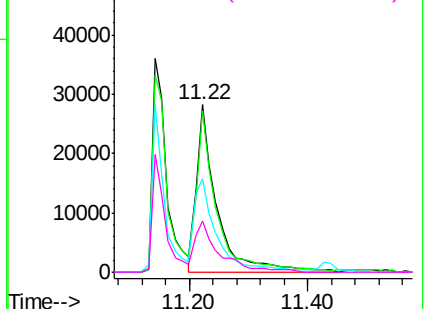
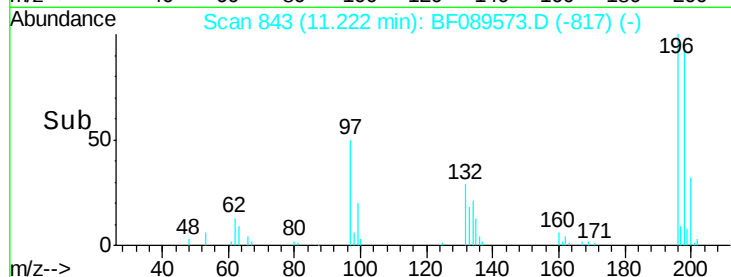
#43
 2,4,5-Trichlorophenol
 Concen: 42.04 ng
 RT: 11.22 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

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

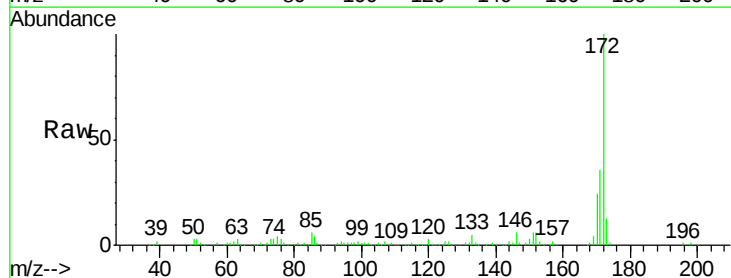


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

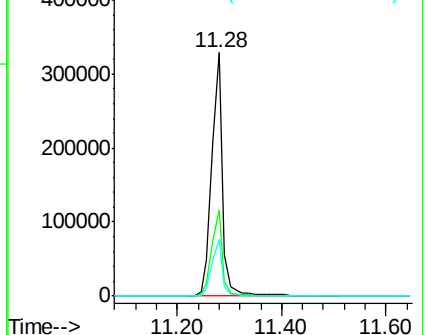
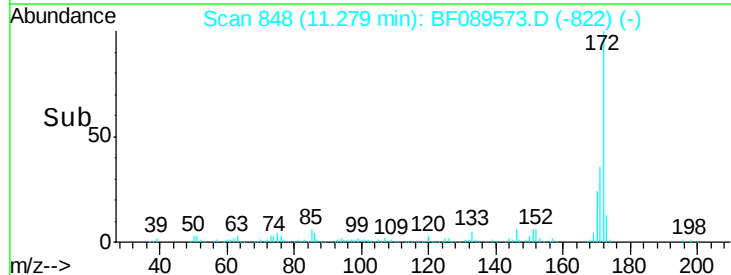


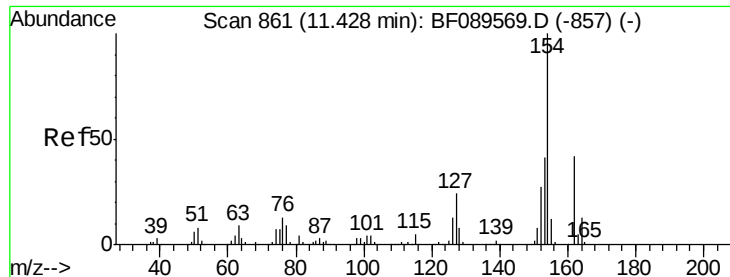
#44
 2-Fluorobiphenyl
 Concen: 74.25 ng
 RT: 11.28 min Scan# 848
 Delta R.T. -0.00 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

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

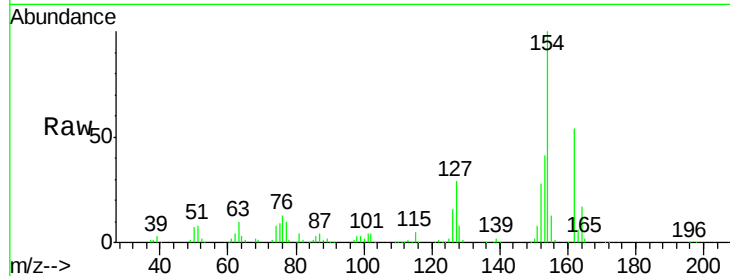




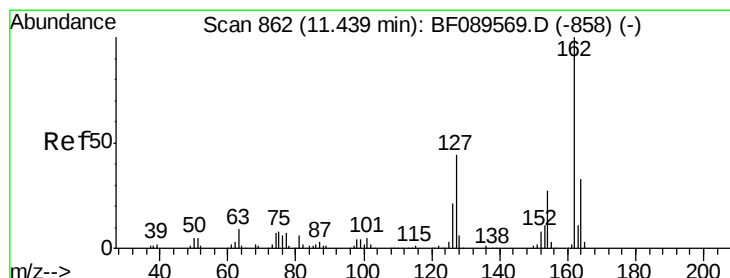
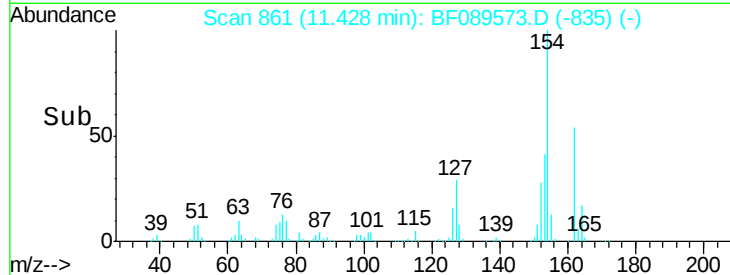
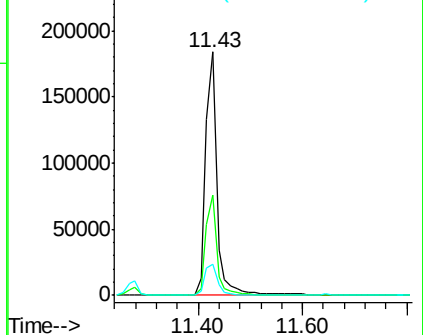
#45
 1,1'-Biphenyl
 Concen: 37.19 ng
 RT: 11.43 min Scan# 861
 Delta R.T. -0.00 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

Instrument :
 BNA_F
 ClientSampled :

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

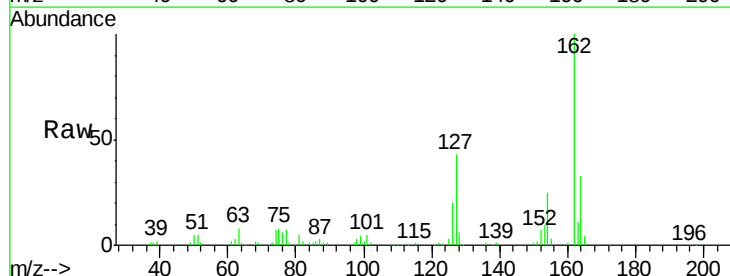


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

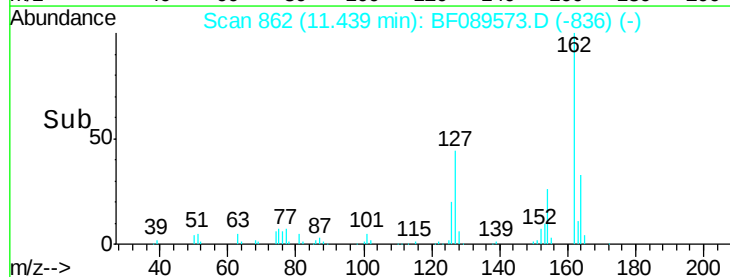
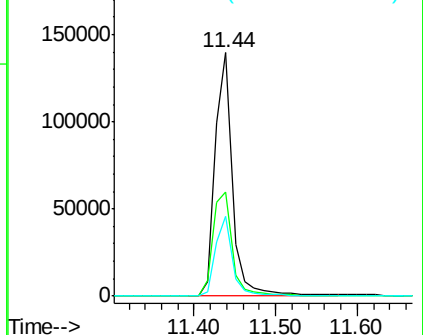


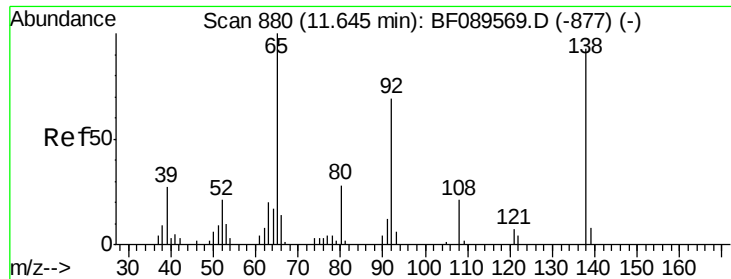
#46
 2-Chloronaphthalene
 Concen: 36.94 ng
 RT: 11.44 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

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



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

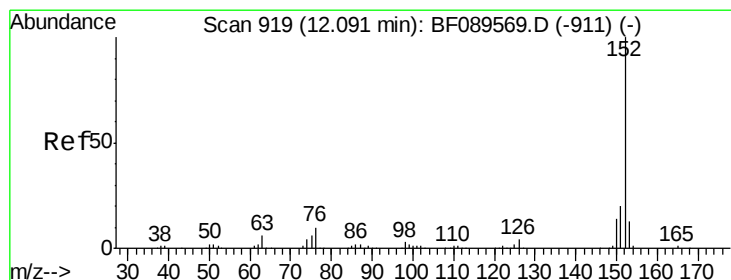
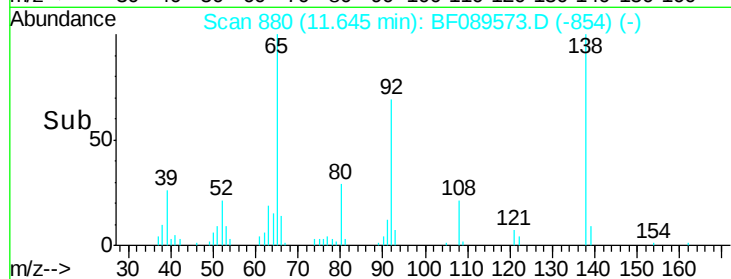
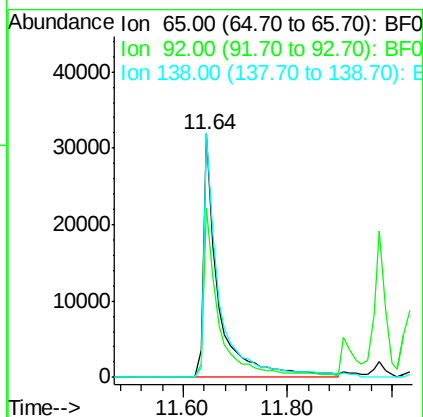
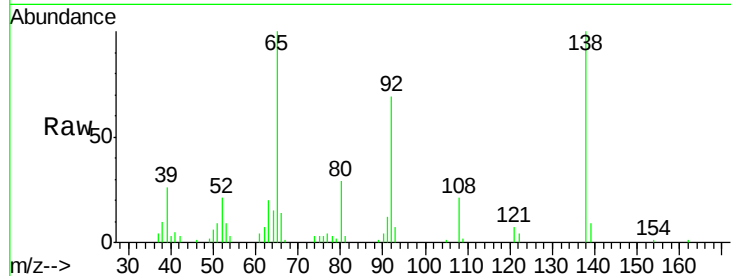




#47
2-Nitroaniline
Concen: 35.45 ng
RT: 11.64 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

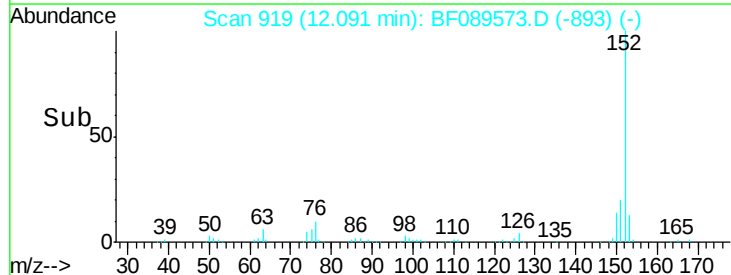
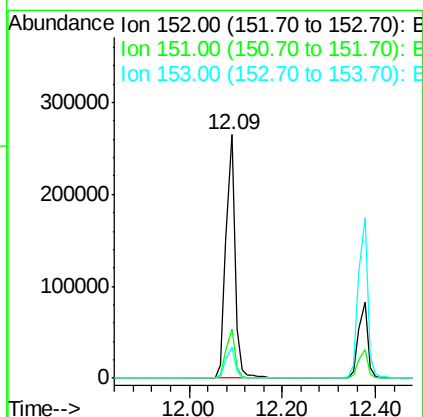
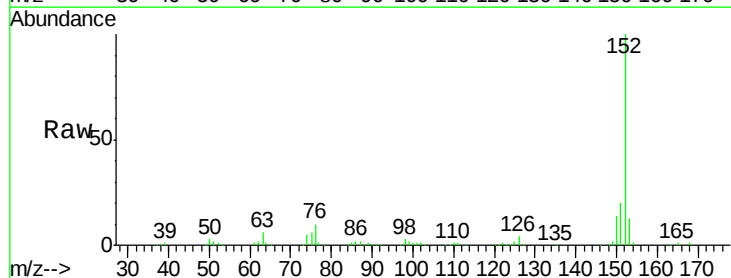
Instrument :
BNA_F
ClientSampleId :

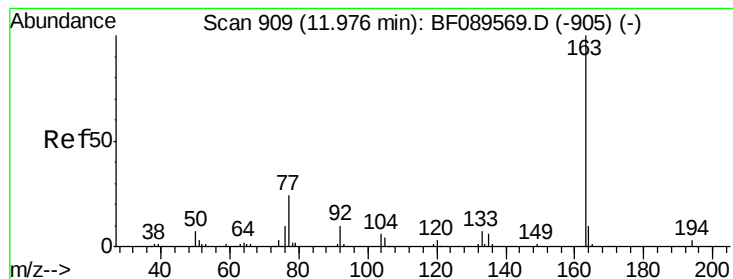
Tot Ion: 65 Resp: 63581
Ion Ratio Lower Upper
65 100
92 69.4 54.9 82.3
138 99.8 74.0 111.0



#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





#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 :

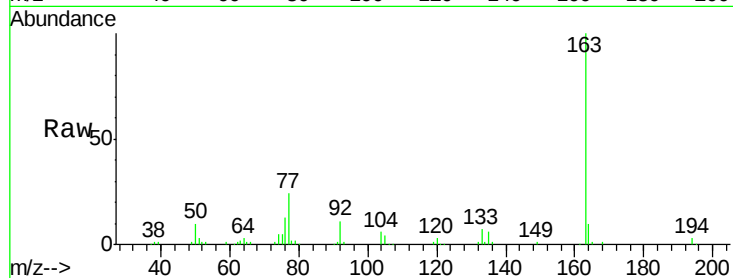
Tot Ion:163 Resp: 249389

Ion Ratio Lower Upper

163 100

194 3.2 2.4 3.6

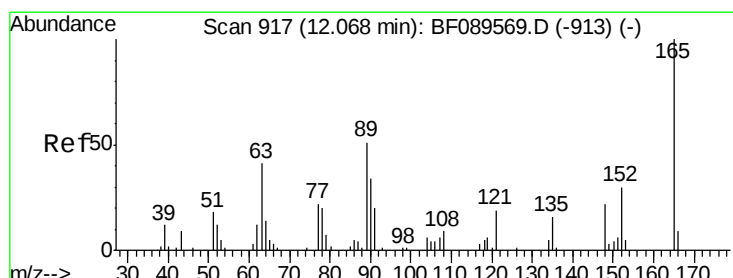
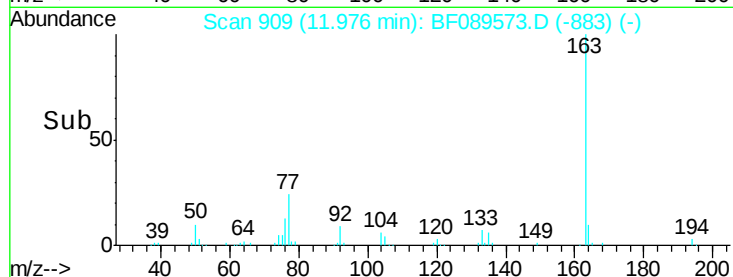
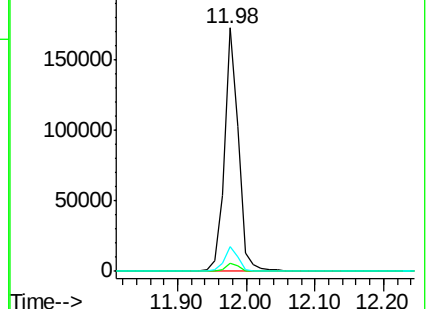
164 10.0 8.2 12.4



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

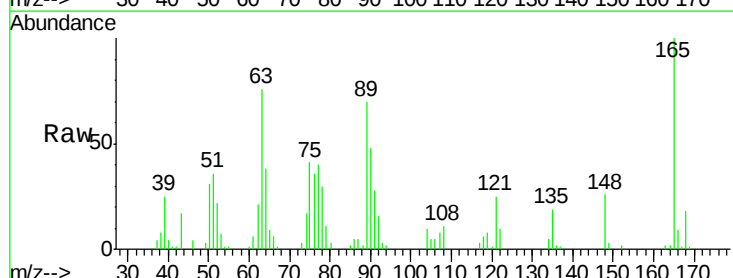
Tgt Ion:165 Resp: 52044

Ion Ratio Lower Upper

165 100

63 76.1 40.2 60.4#

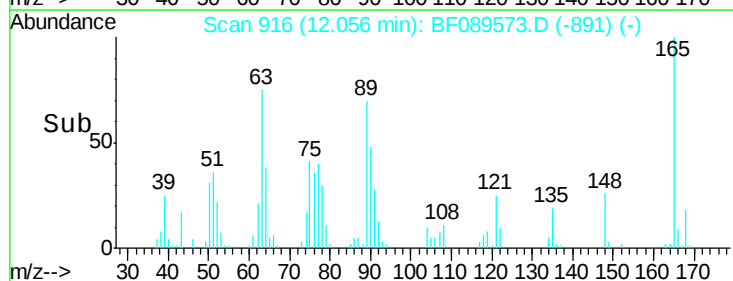
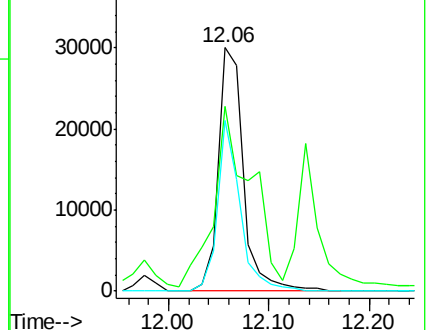
89 70.2 40.6 61.0#

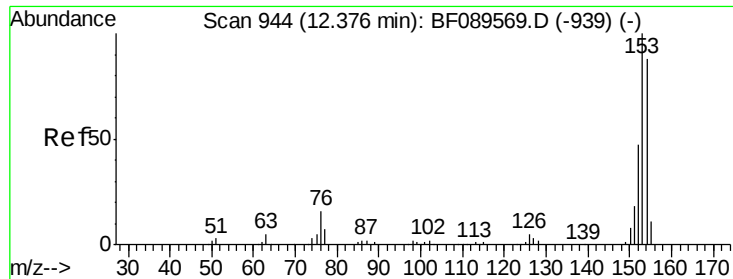


Abundance Ion 165.00 (164.70 to 165.70): E

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

ClientSampleId :

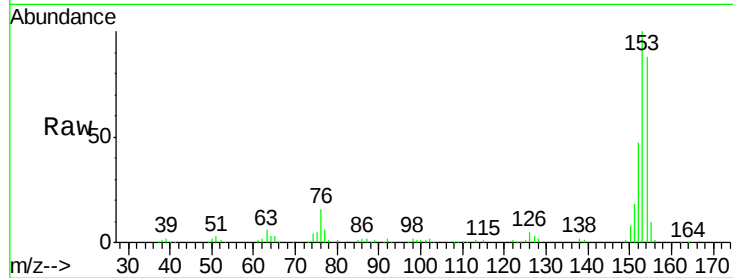
Tot Ion:154 Resp: 204280

Ion Ratio Lower Upper

154 100

153 113.2 91.2 136.8

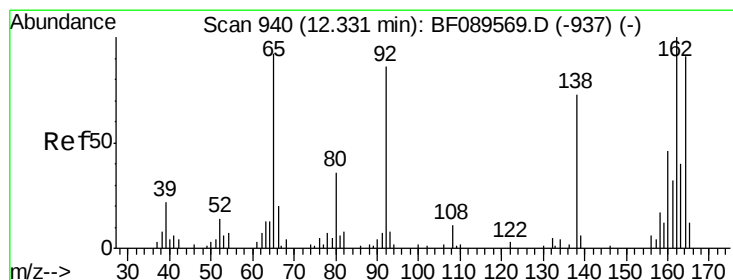
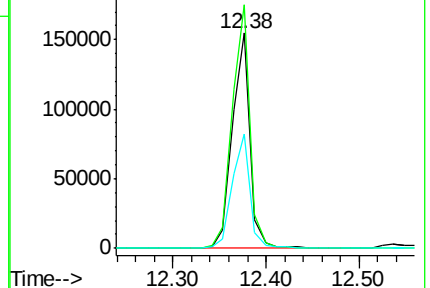
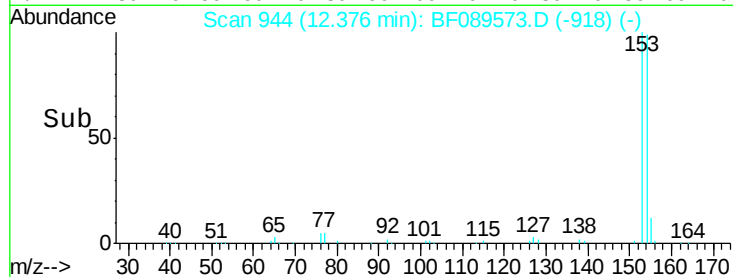
152 53.2 43.1 64.7



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

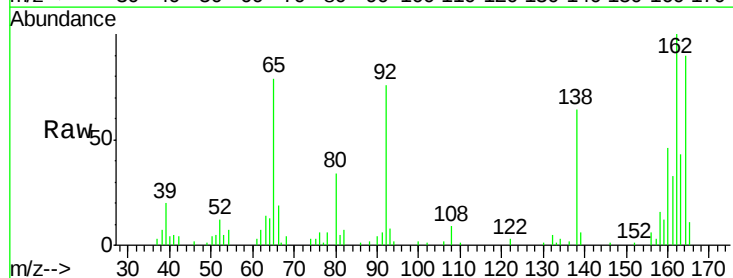
Tgt Ion:138 Resp: 54592

Ion Ratio Lower Upper

138 100

108 14.3 11.6 17.4

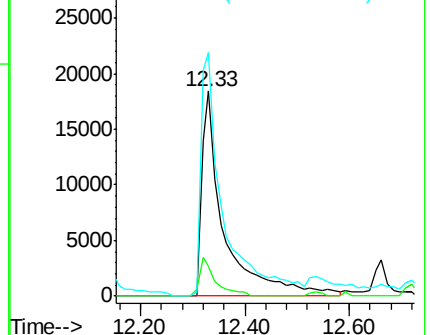
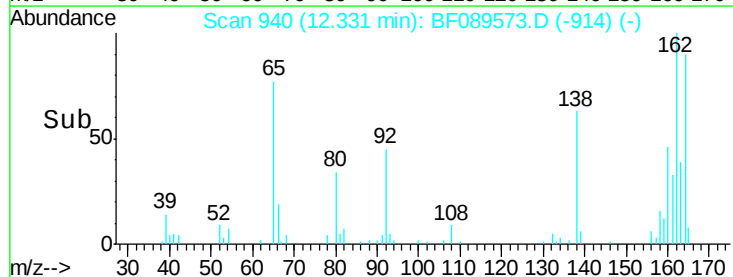
92 118.7 94.6 141.8

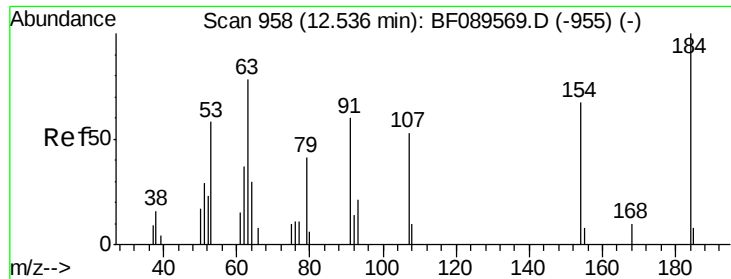


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

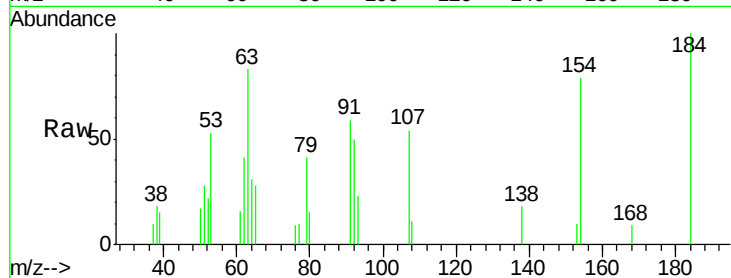




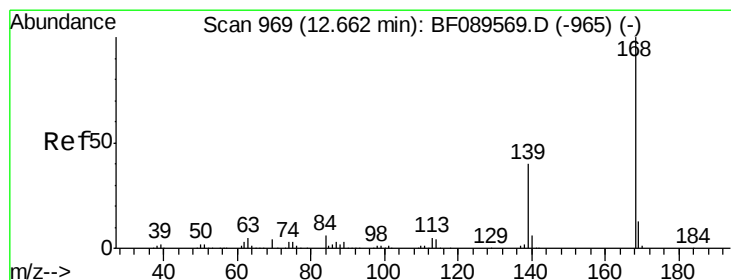
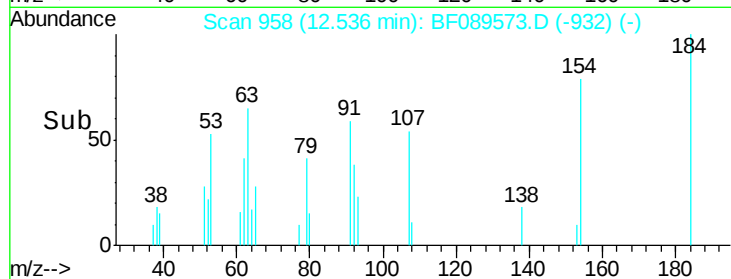
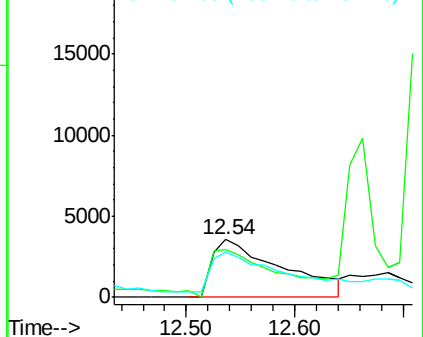
#53
 2,4-Dinitrophenol
 Concen: 41.06 ng
 RT: 12.54 min Scan# 958
 Delta R.T. -0.00 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

Instrument :
 BNA_F
 ClientSampleId :

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

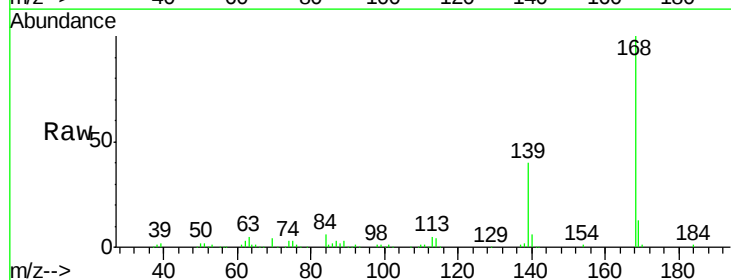


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

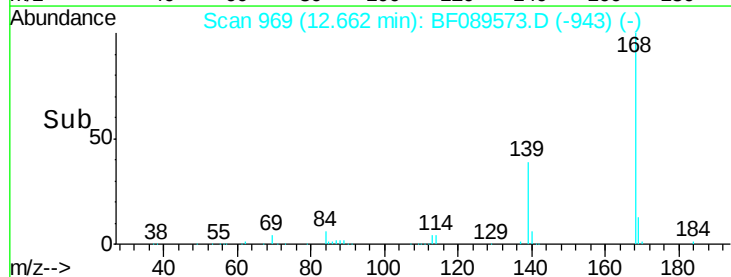
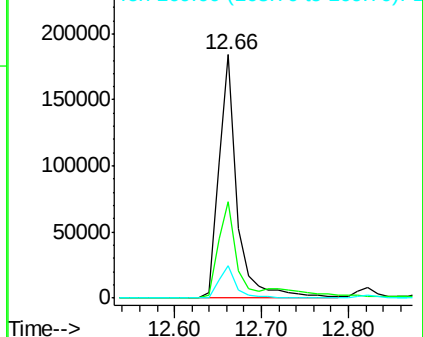


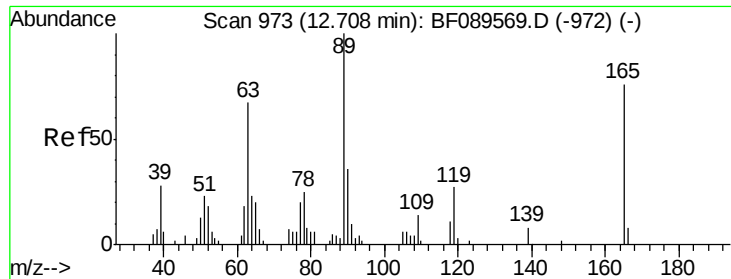
#54
 Dibenzofuran
 Concen: 36.96 ng
 RT: 12.66 min Scan# 969
 Delta R.T. -0.00 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

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

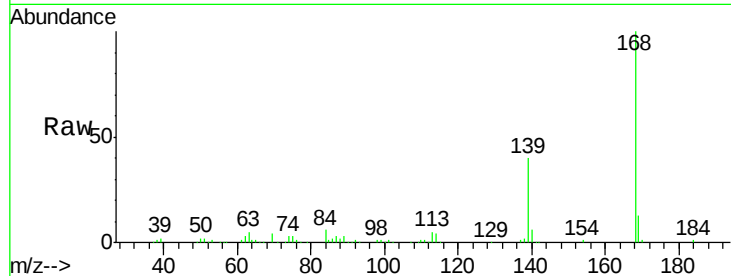




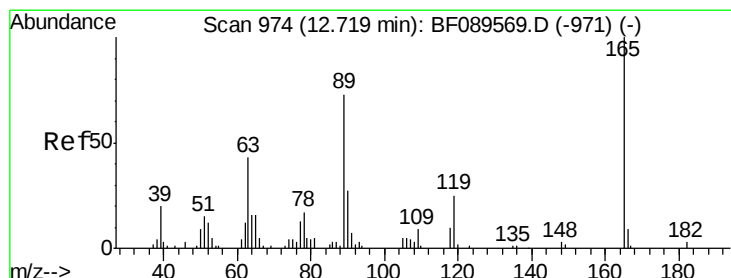
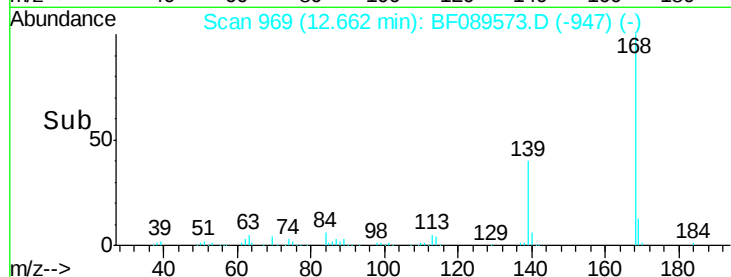
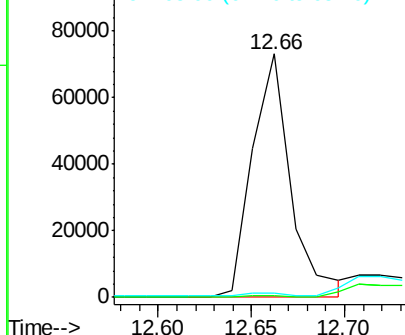
#55
4-Nitrophenol
Concen: 127.75 ng
RT: 12.66 min Scan# 969
Delta R.T. -0.05 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

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#

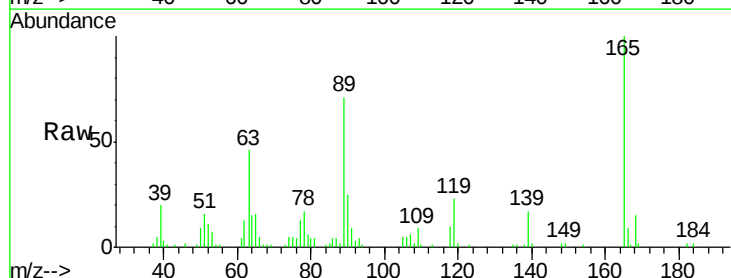


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

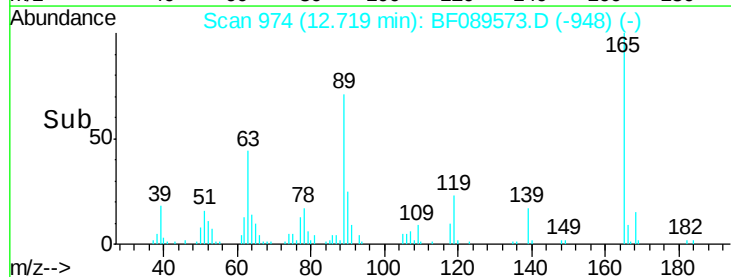
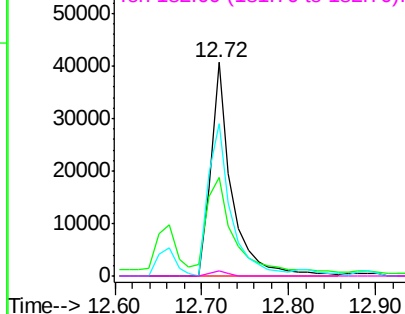


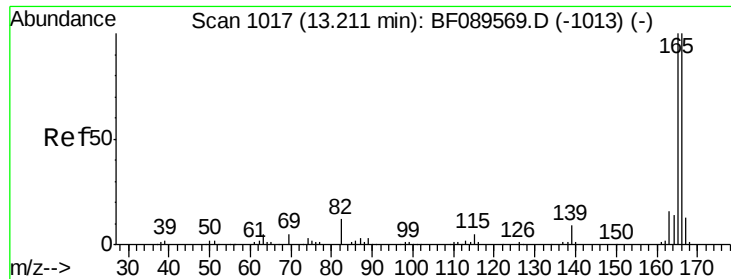
#56
2,4-Dinitrotoluene
Concen: 40.23 ng
RT: 12.72 min Scan# 974
Delta R.T. 0.00 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

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

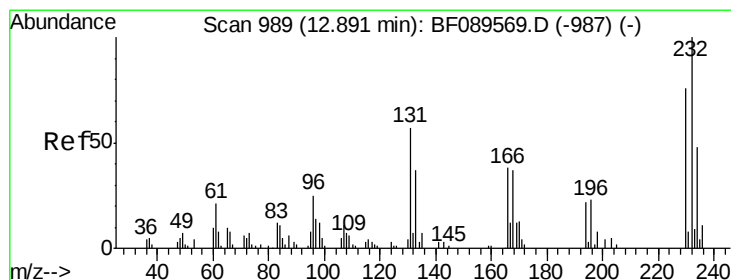
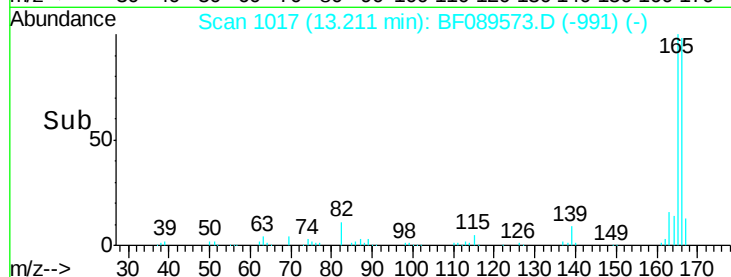
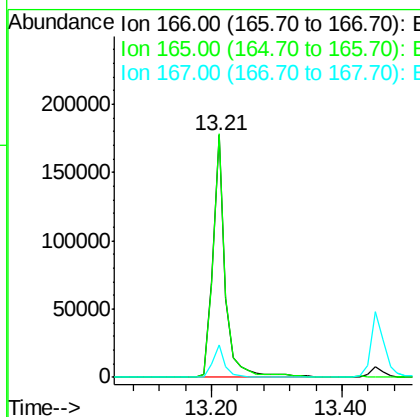
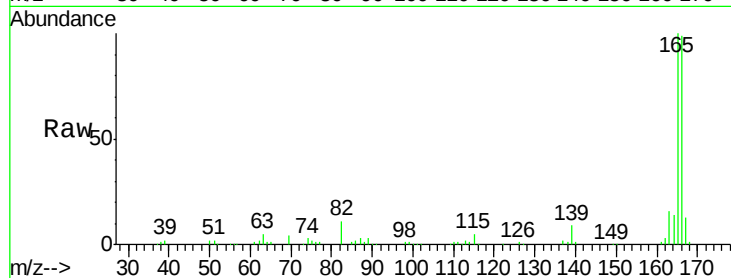




#57
Fluorene
 Concen: 38.28 ng
 RT: 13.21 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

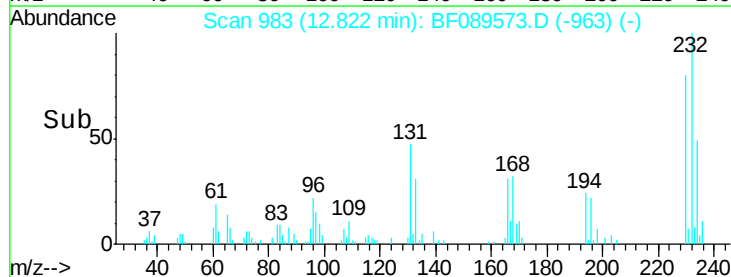
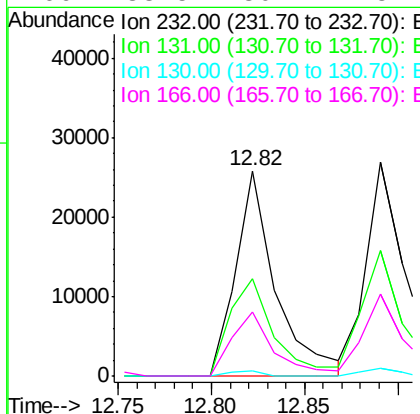
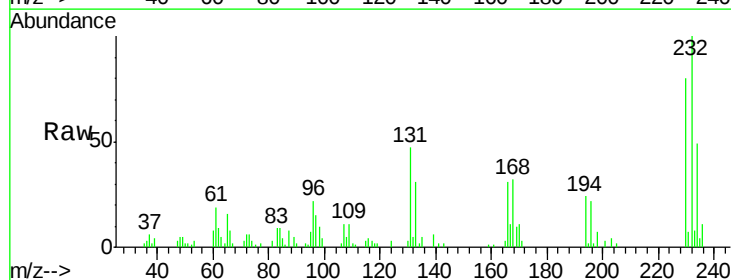
Instrument :
 BNA_F
 ClientSampleId :

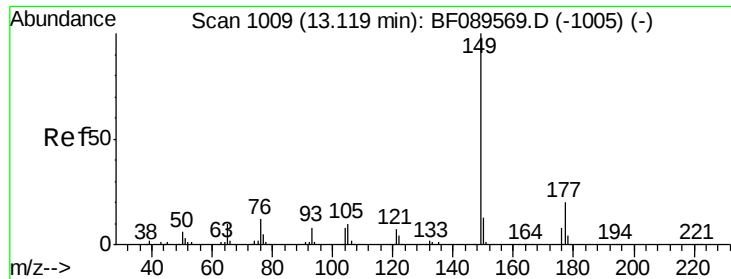
Tot Ion:166 Resp: 239489
 Ion Ratio Lower Upper
 166 100
 165 100.5 80.2 120.2
 167 13.3 10.4 15.6



#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

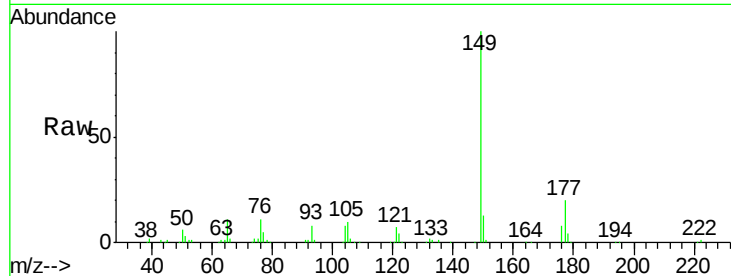




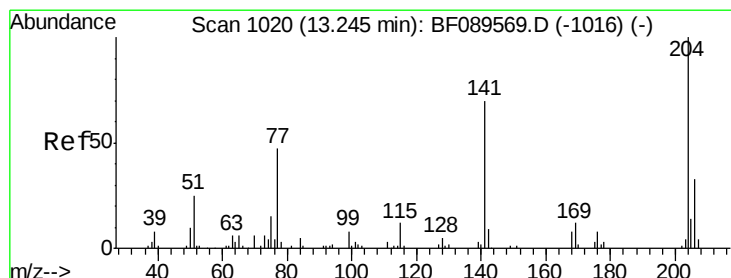
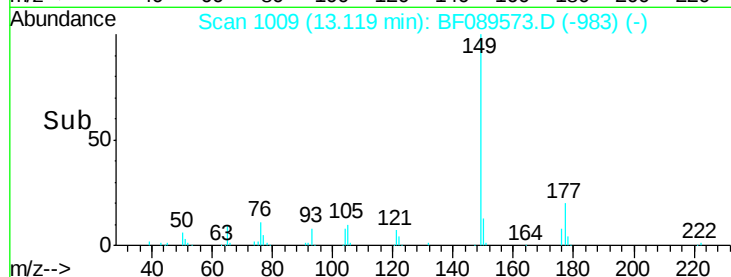
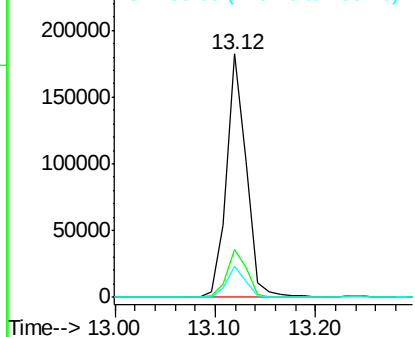
#59
Diethylphthalate
Concen: 38.52 ng
RT: 13.12 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

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

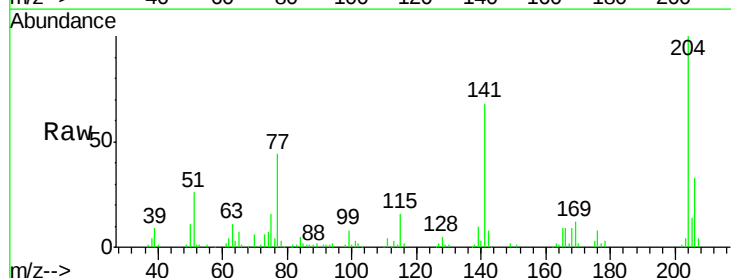


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

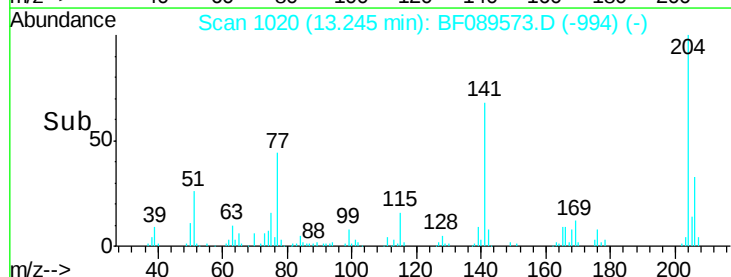
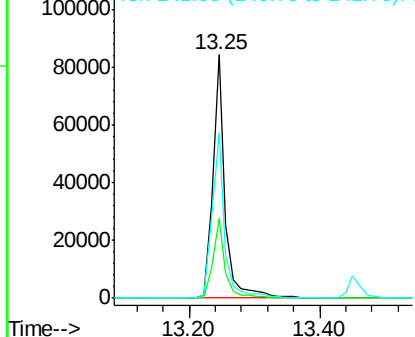


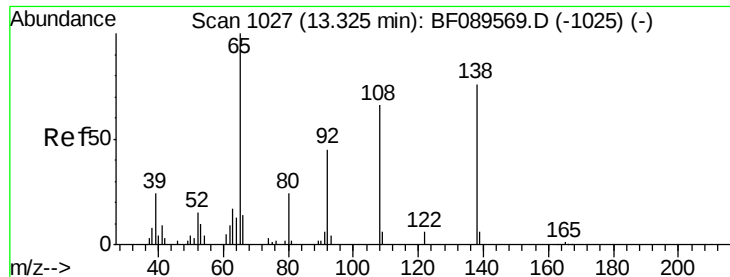
#60
4-Chlorophenyl-phenylether
Concen: 39.62 ng
RT: 13.25 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

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

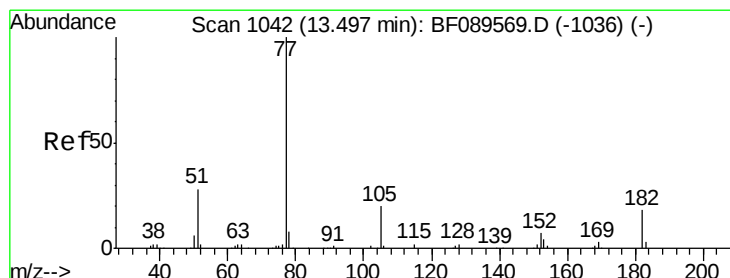
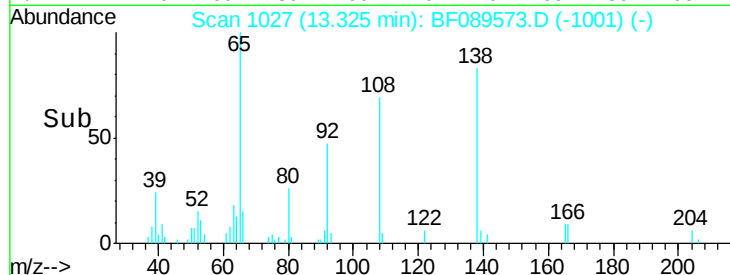
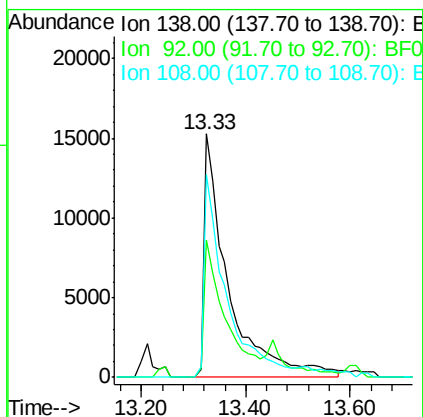
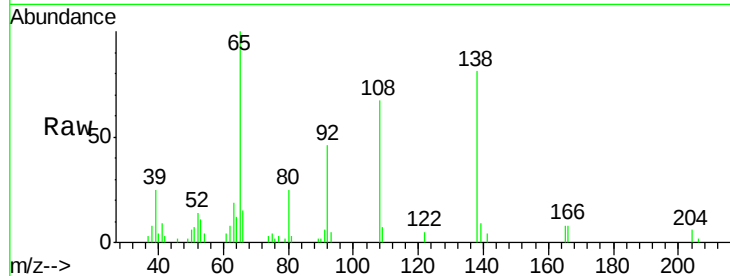




#61
4-Nitroaniline
Concen: 36.91 ng
RT: 13.33 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

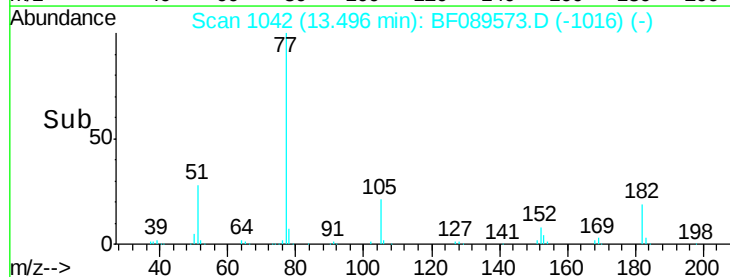
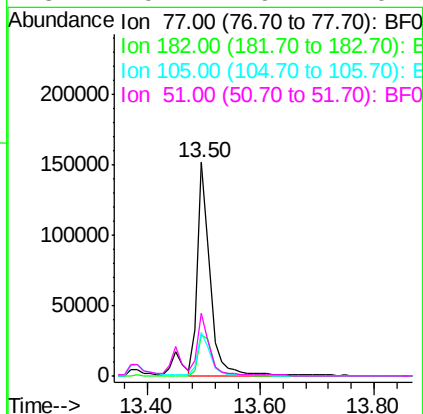
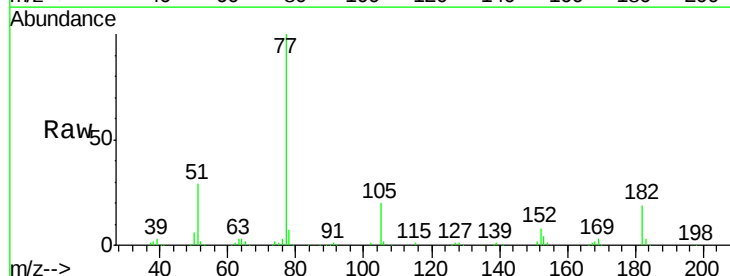
Instrument :
BNA_F
ClientSampleId :

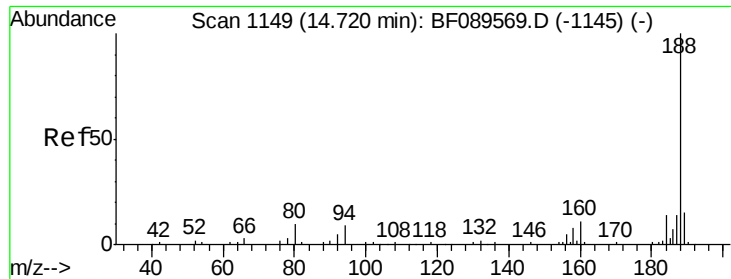
Tot Ion:138 Resp: 48854
Ion Ratio Lower Upper
138 100
92 56.7 39.5 79.5
108 83.2 66.4 106.4



#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

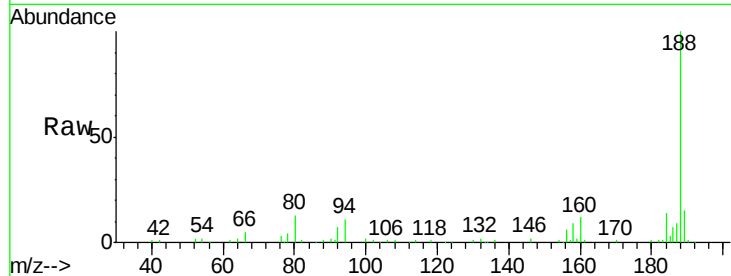




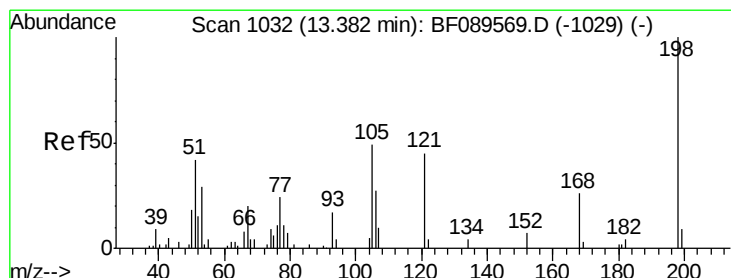
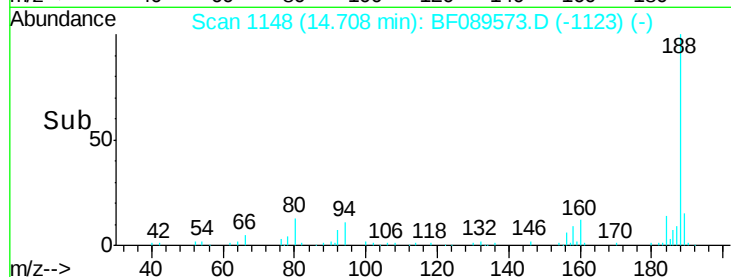
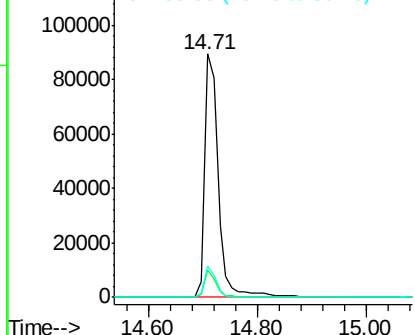
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.71 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

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#

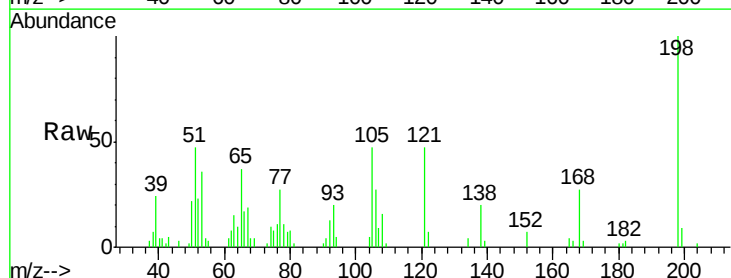


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

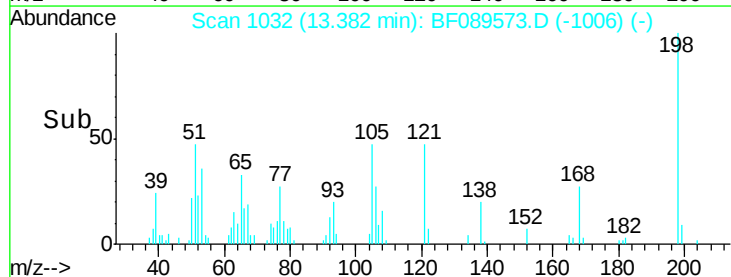
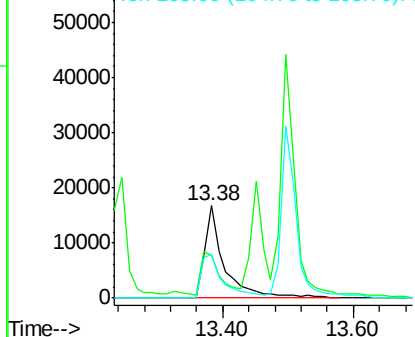


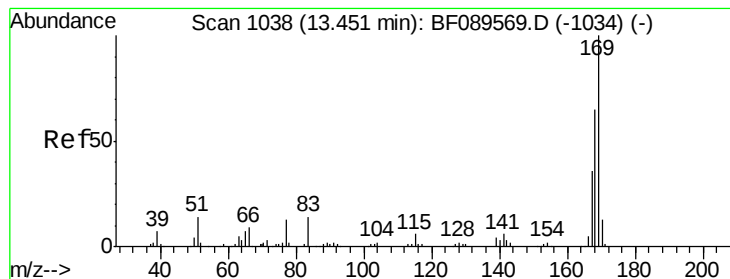
#64
4,6-Dinitro-2-methylphenol
Concen: 38.49 ng
RT: 13.38 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

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 :

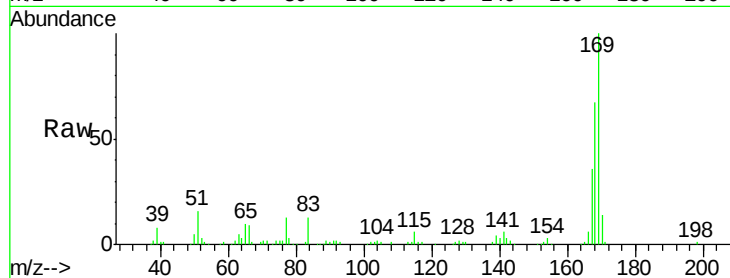
Tot Ion:169 Resp: 193063

Ion Ratio Lower Upper

169 100

168 67.2 53.0 79.4

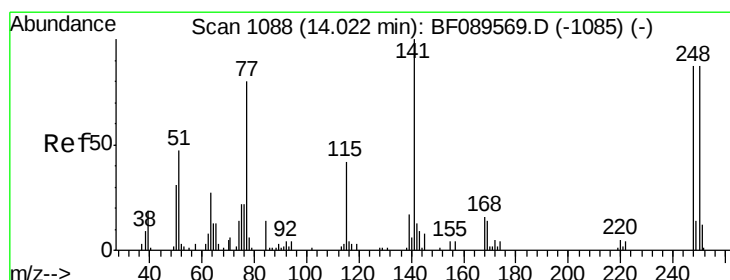
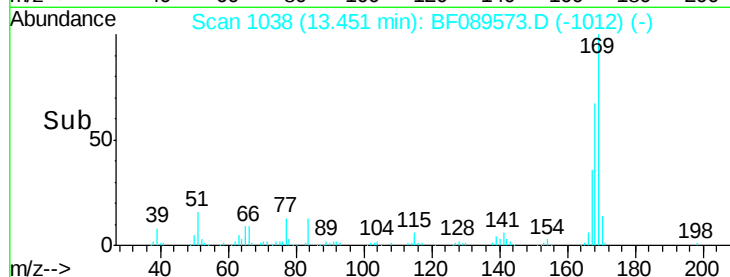
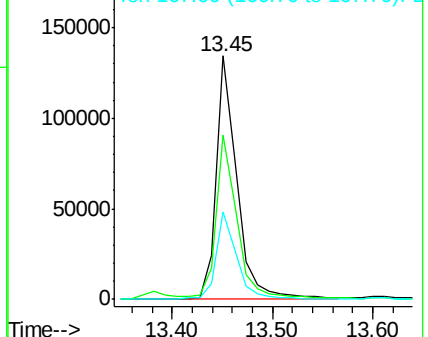
167 35.9 29.1 43.7



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

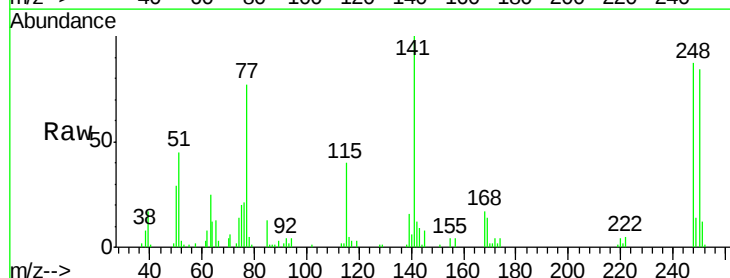
Tgt Ion:248 Resp: 58983

Ion Ratio Lower Upper

248 100

250 97.1 79.8 119.6

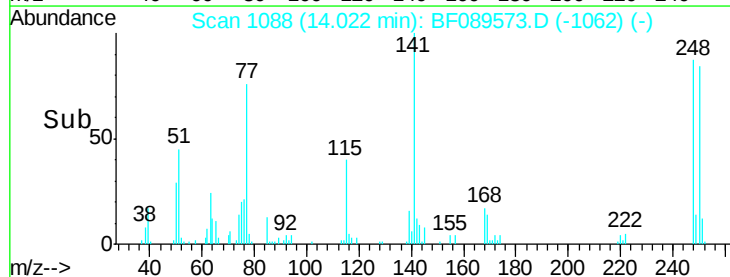
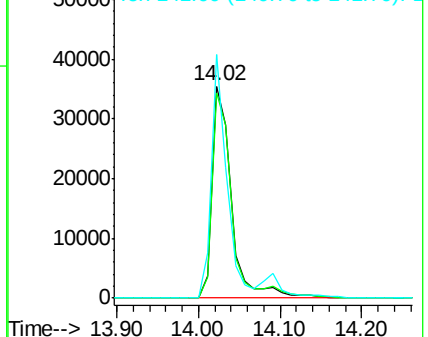
141 115.0 91.5 137.3

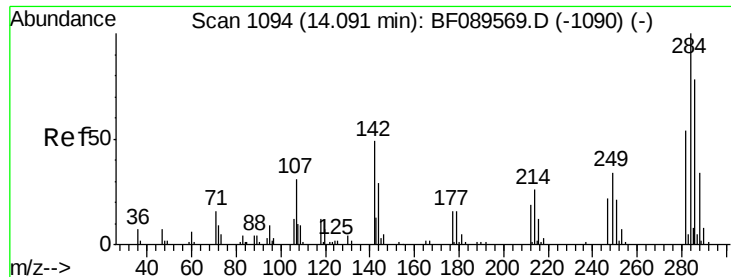


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

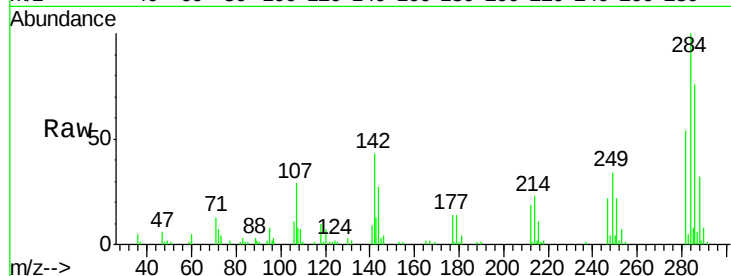




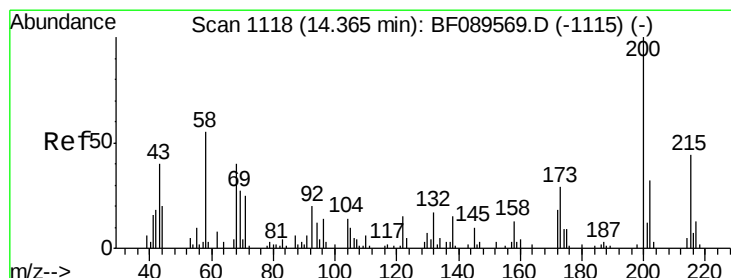
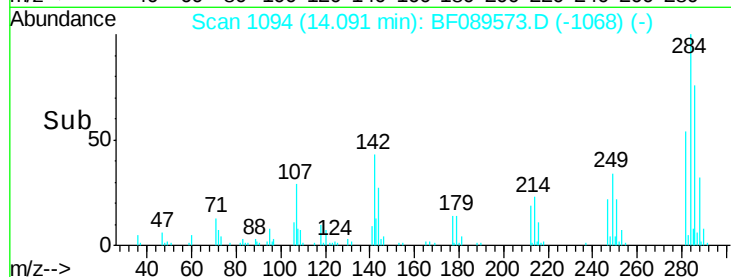
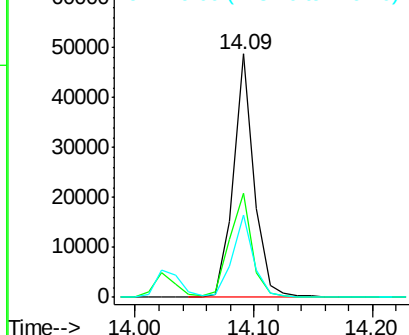
#67
Hexachlorobenzene
Concen: 36.15 ng
RT: 14.09 min Scan# 1094
Delta R.T. -0.00 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

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

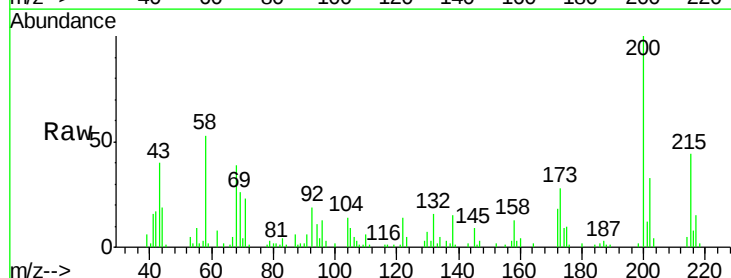


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

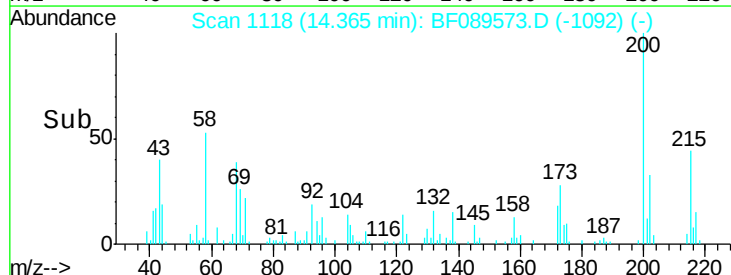
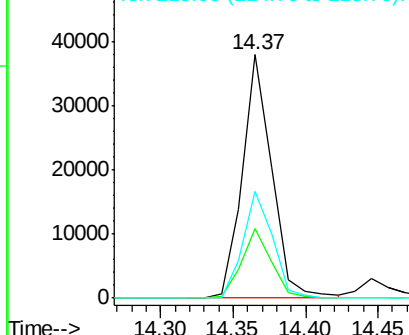


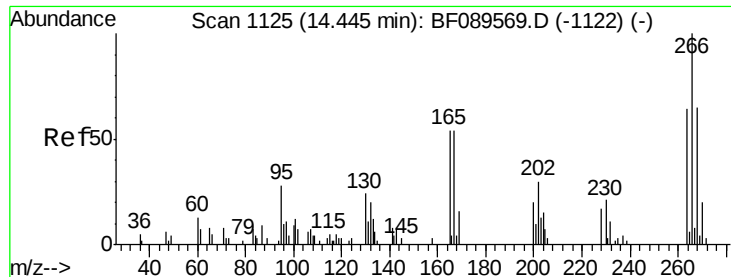
#68
Atrazine
Concen: 39.01 ng
RT: 14.37 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

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

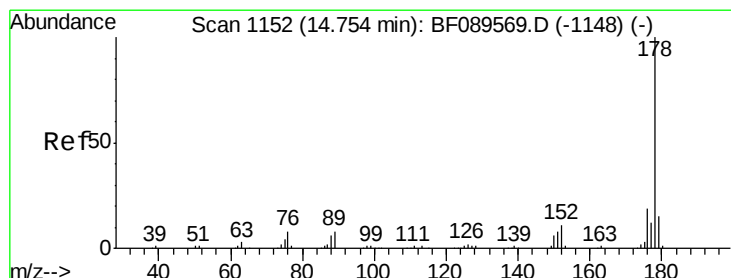
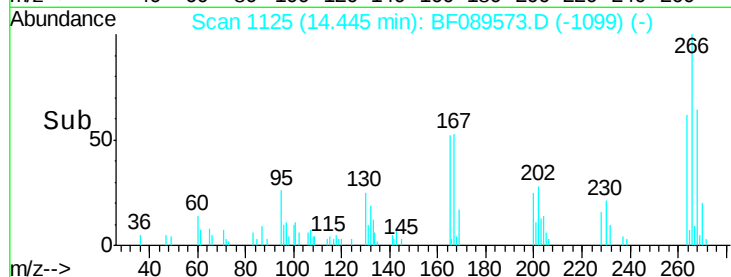
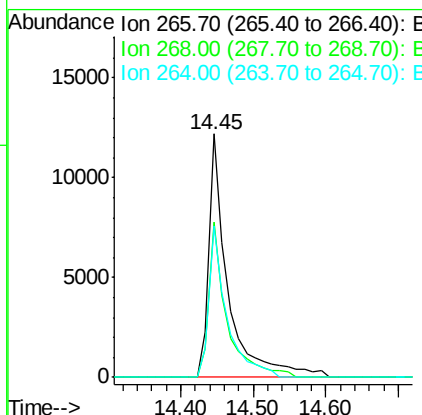
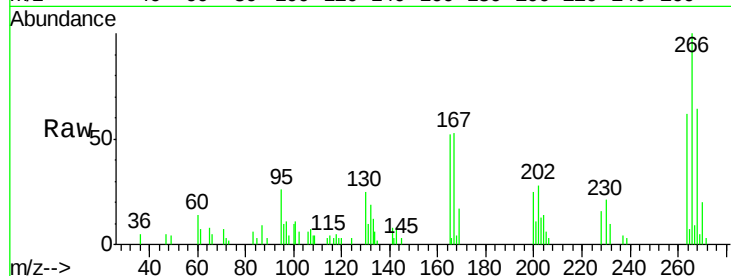




#69
 Pentachlorophenol
 Concen: 37.26 ng
 RT: 14.45 min Scan# 1125
 Delta R.T. 0.00 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

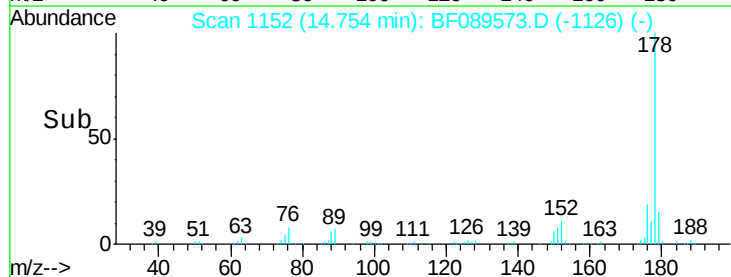
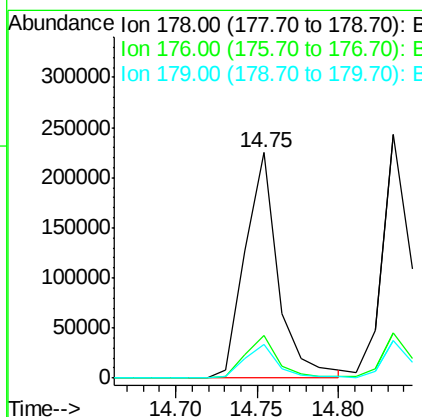
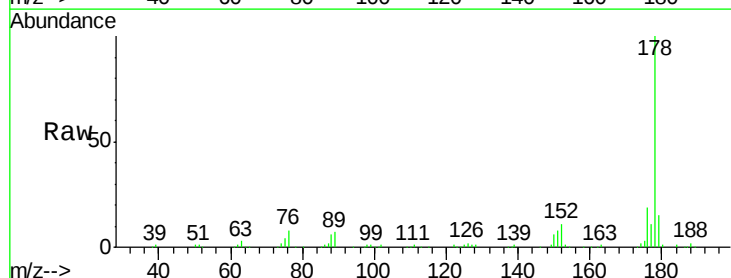
Instrument :
 BNA_F
 ClientSampleId :

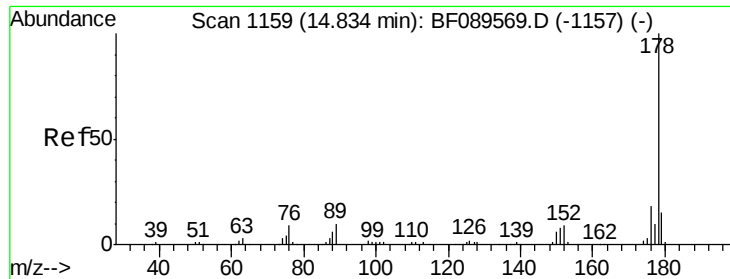
Tot Ion:266 Resp: 22395
 Ion Ratio Lower Upper
 266 100
 268 63.7 51.8 77.6
 264 62.3 51.2 76.8



#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

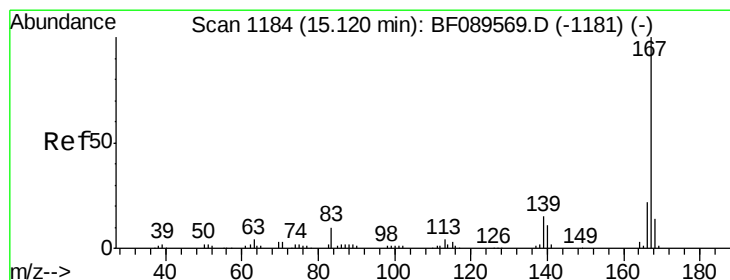
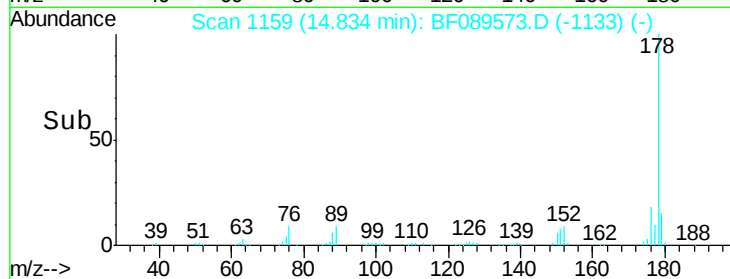
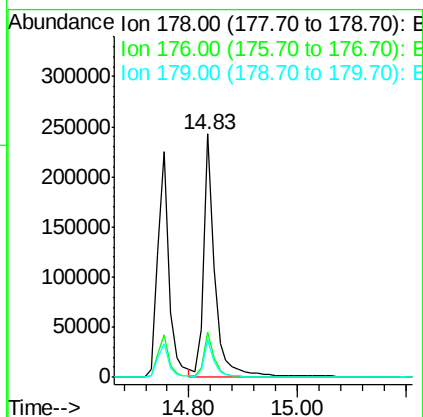
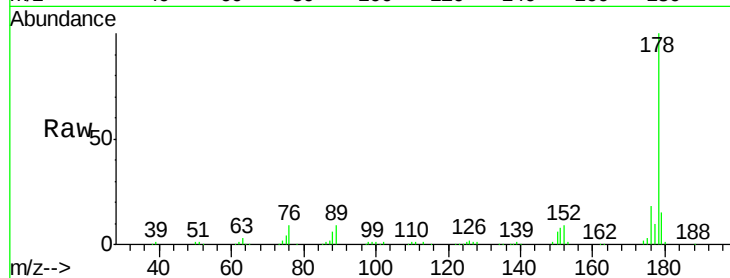




#71
 Anthracene
 Concen: 37.46 ng
 RT: 14.83 min Scan# 1159
 Delta R.T. -0.00 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

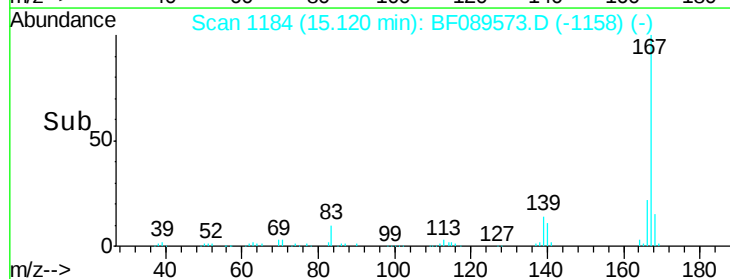
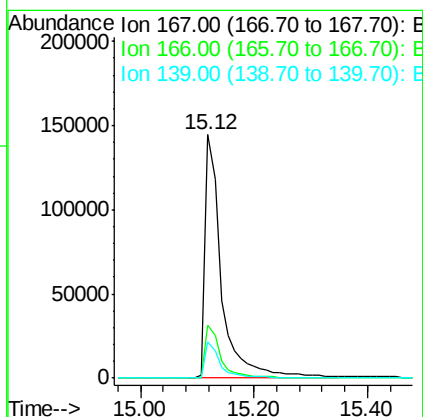
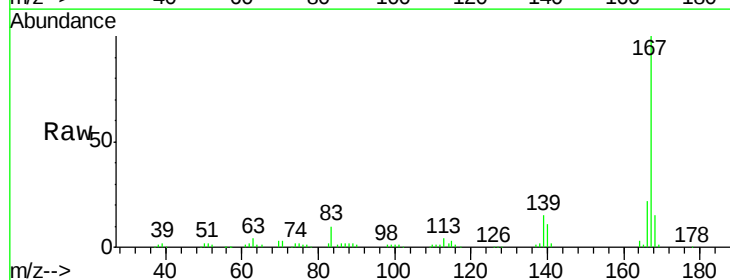
Instrument :
 BNA_F
 ClientSampleId :

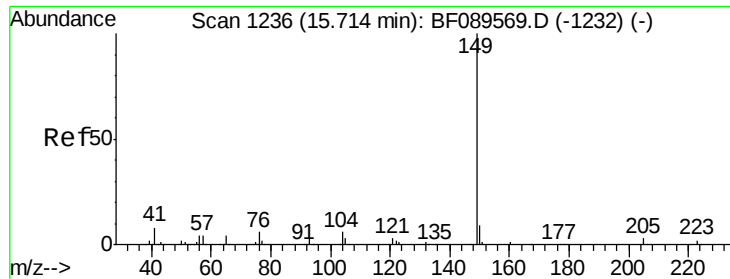
Tot Ion:178 Resp: 339408
 Ion Ratio Lower Upper
 178 100
 176 18.4 14.7 22.1
 179 15.3 12.2 18.2



#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

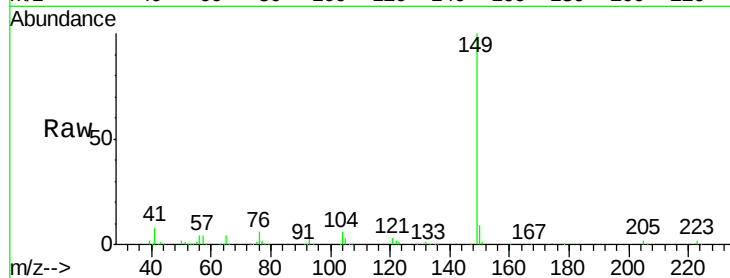




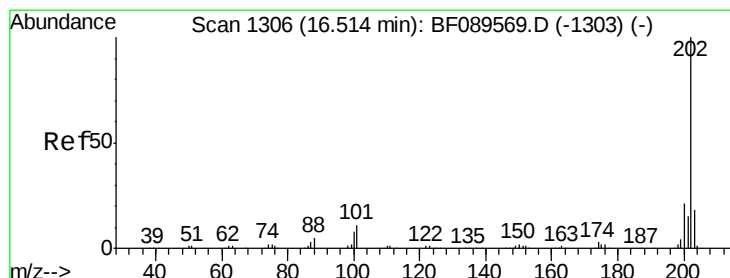
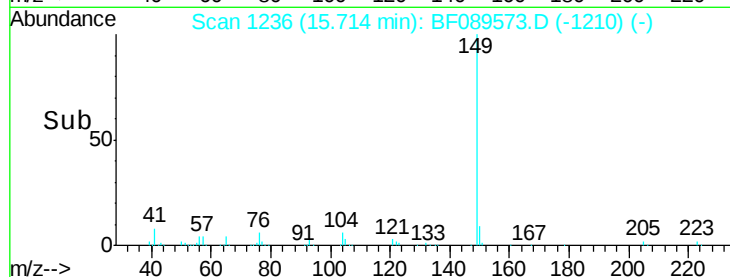
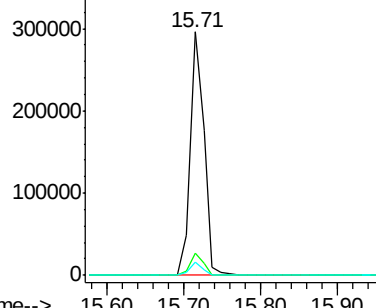
#73
Di-n-butylphthalate
Concen: 39.60 ng
RT: 15.71 min Scan# 1236
Delta R.T. -0.00 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

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

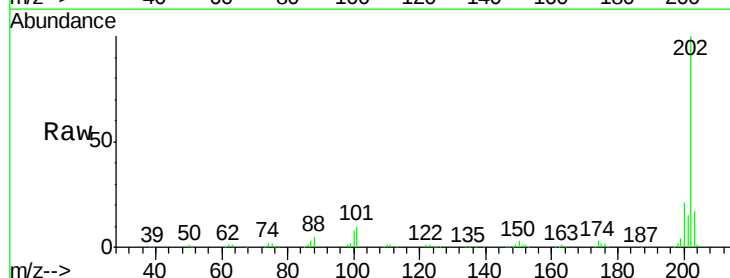


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

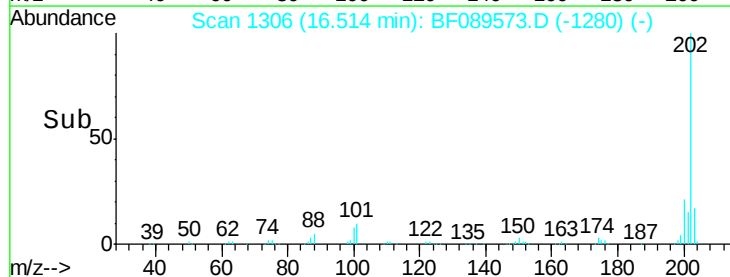
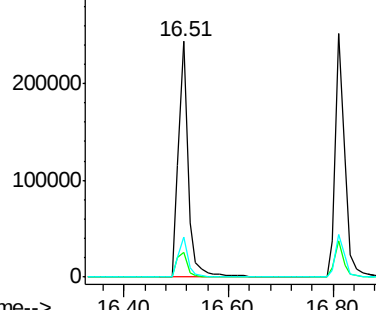


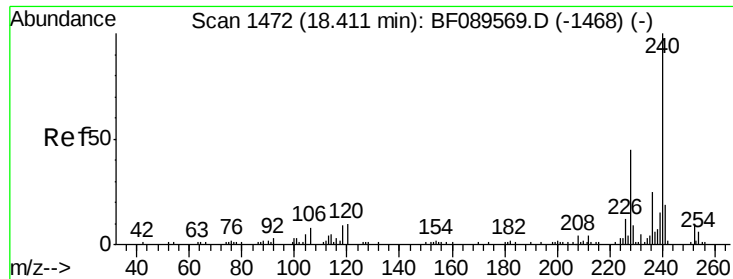
#74
Fluoranthene
Concen: 38.05 ng
RT: 16.51 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

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

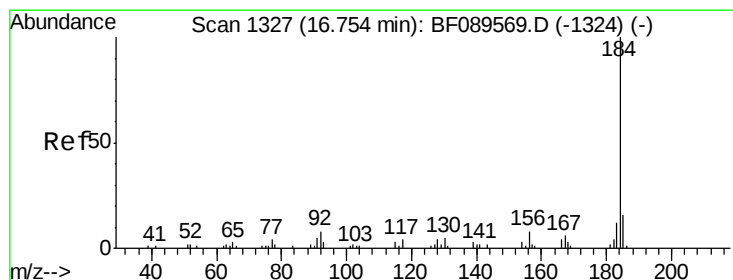
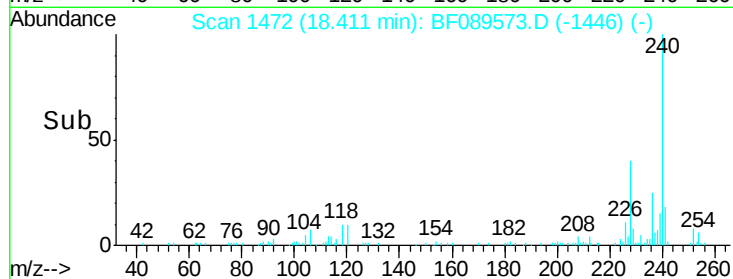
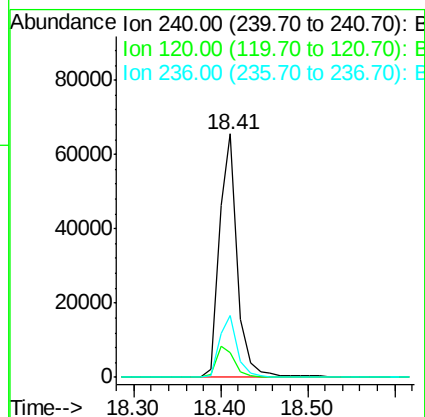
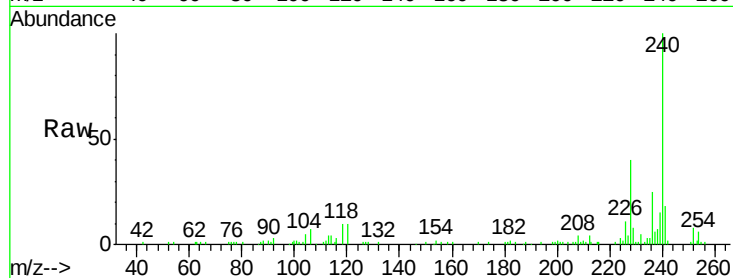




#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.41 min Scan# 1472
Delta R.T. -0.00 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

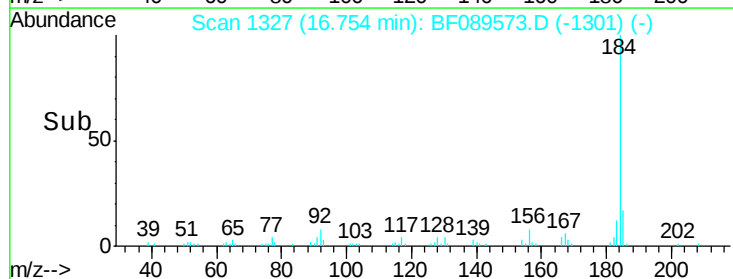
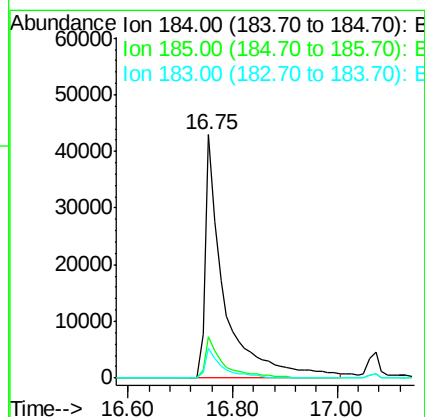
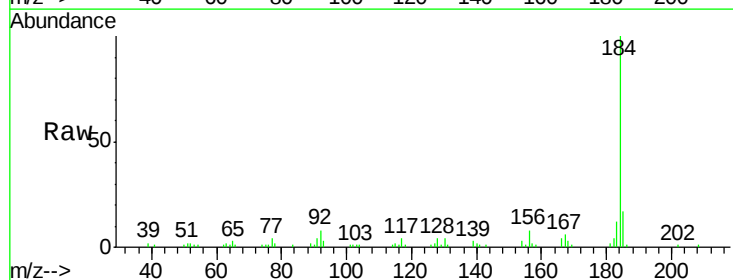
Instrument :
BNA_F
ClientSampleId :

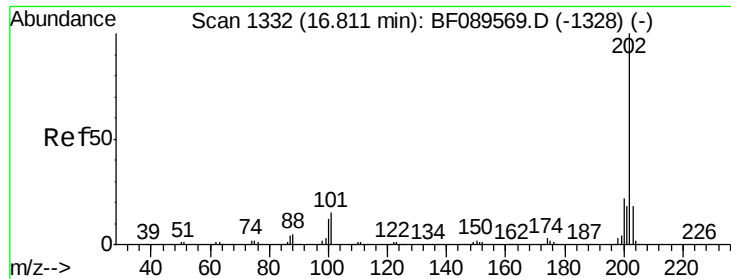
Tot Ion:240 Resp: 95094
Ion Ratio Lower Upper
240 100
120 10.3 8.2 12.2
236 25.4 20.3 30.5



#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

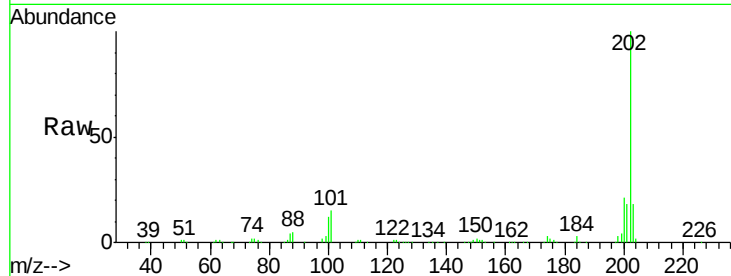
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 311469

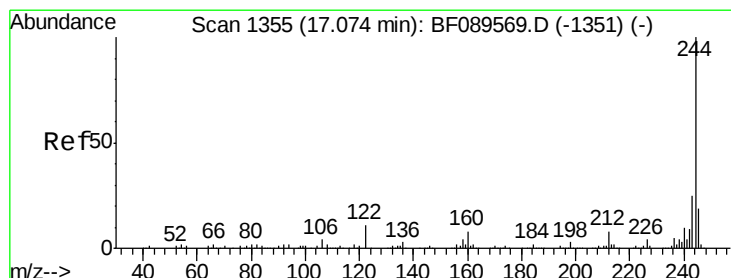
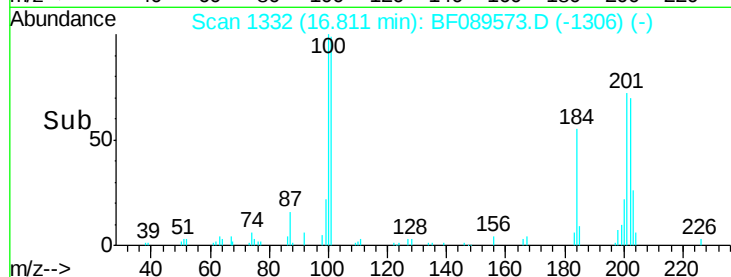
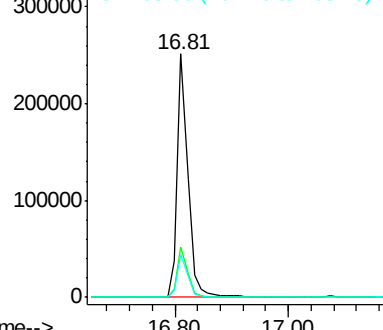
Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.2	25.8
203	17.7	14.2	21.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 75.05 ng

RT: 17.07 min Scan# 1355

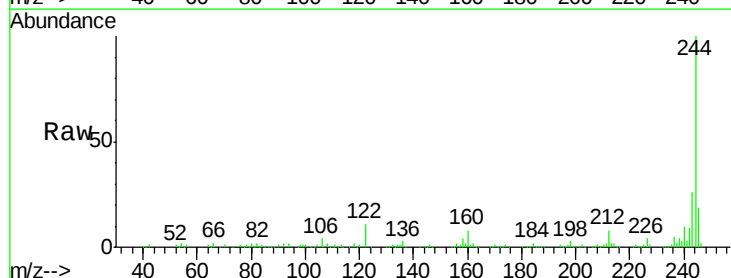
Delta R.T. -0.00 min

Lab File: BF089573.D

Acq: 3 Aug 2016 22:42

Tgt Ion:244 Resp: 355680

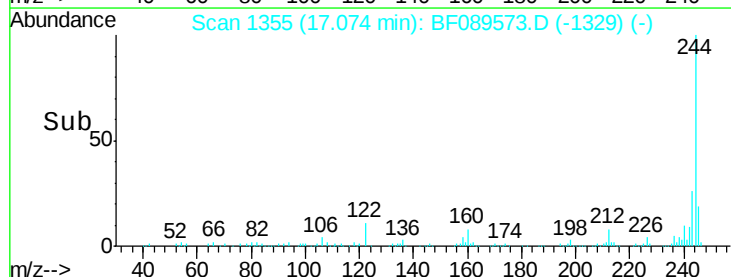
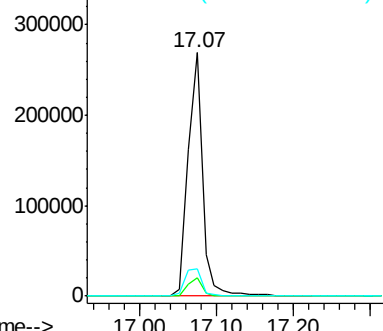
Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.4
122	11.0	8.5	12.7

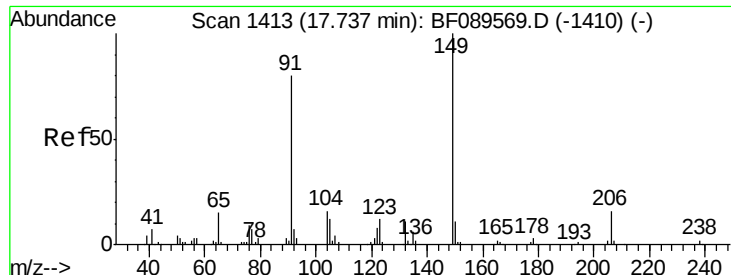


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

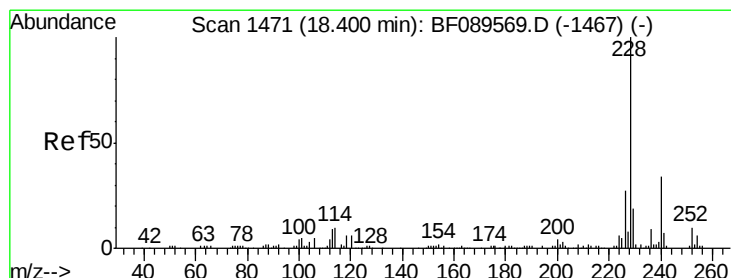
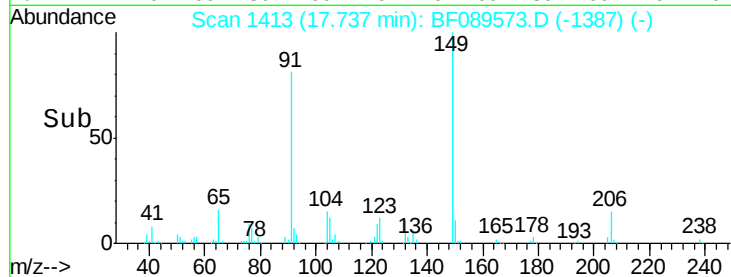
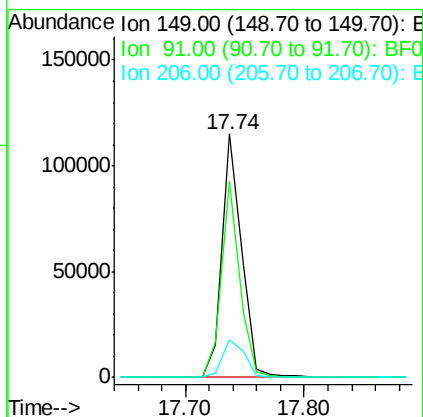
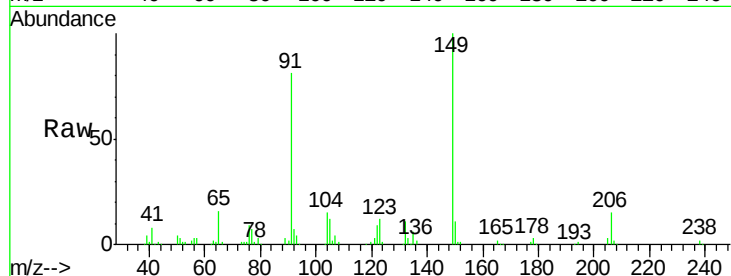




#79
Butylbenzylphthalate
Concen: 41.06 ng
RT: 17.74 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

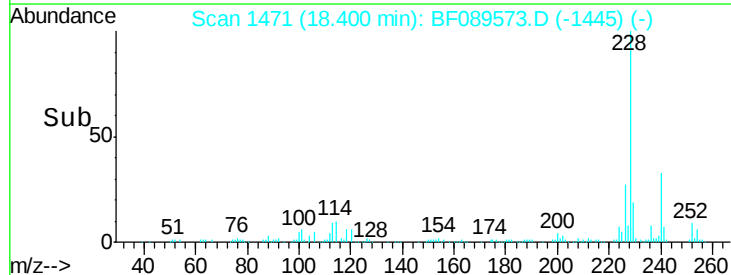
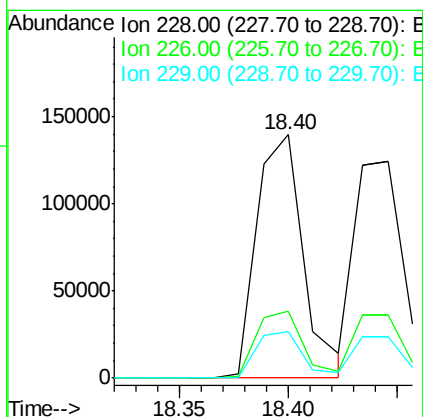
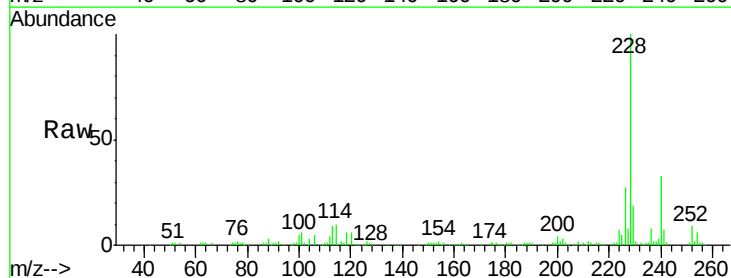
Instrument :
BNA_F
ClientSampleId :

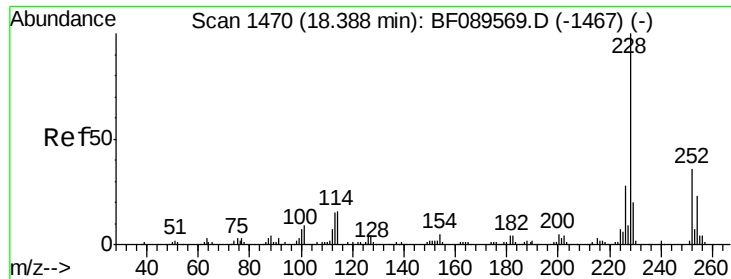
Tot Ion:149 Resp: 130253
Ion Ratio Lower Upper
149 100
91 80.6 63.6 95.4
206 15.4 12.8 19.2



#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

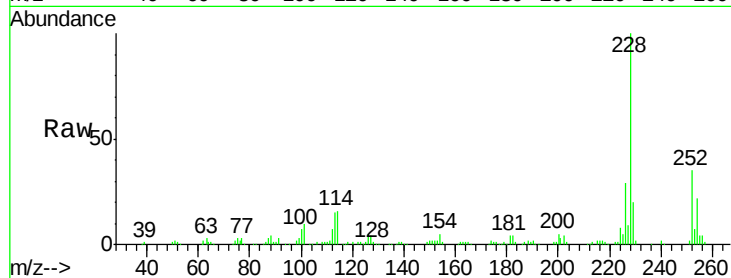




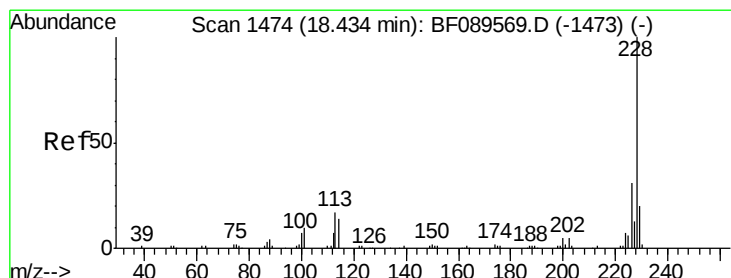
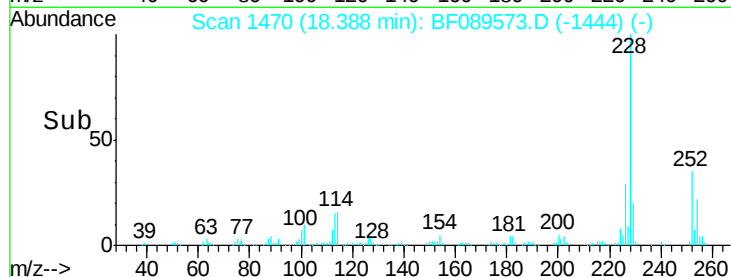
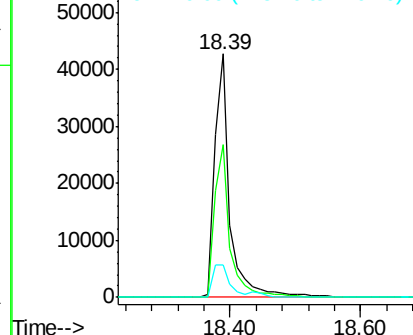
#81
 3,3'-Dichlorobenzidine
 Concen: 40.17 ng
 RT: 18.39 min Scan# 1470
 Delta R.T. -0.00 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

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

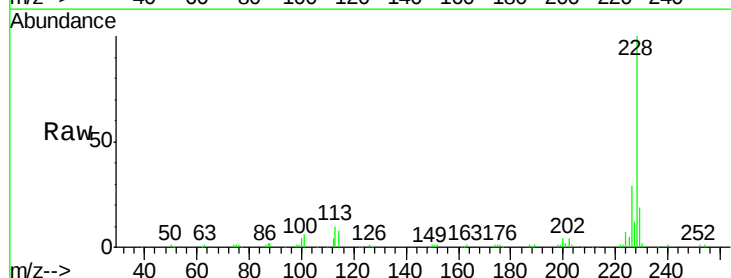


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

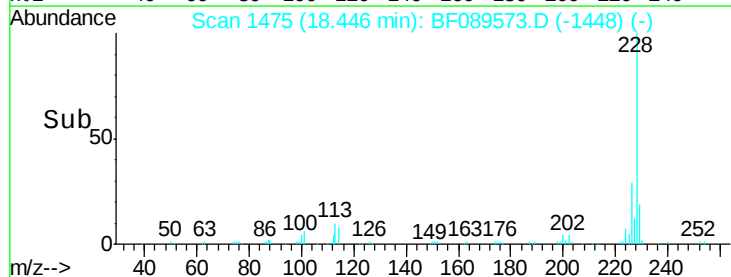
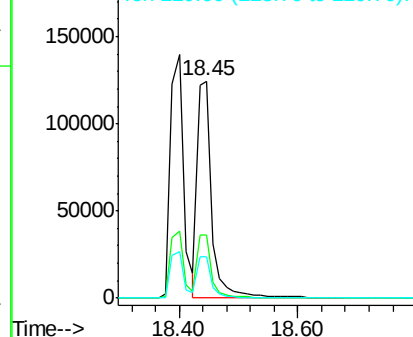


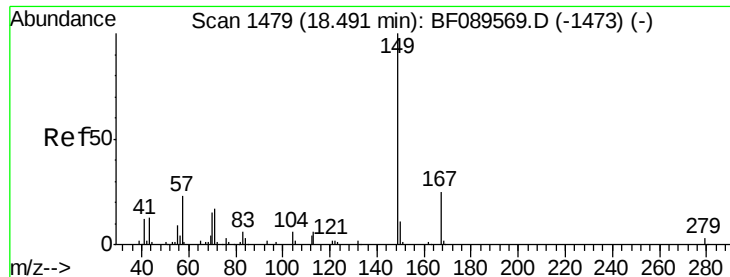
#82
 Chrysene
 Concen: 37.31 ng
 RT: 18.45 min Scan# 1475
 Delta R.T. 0.01 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

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

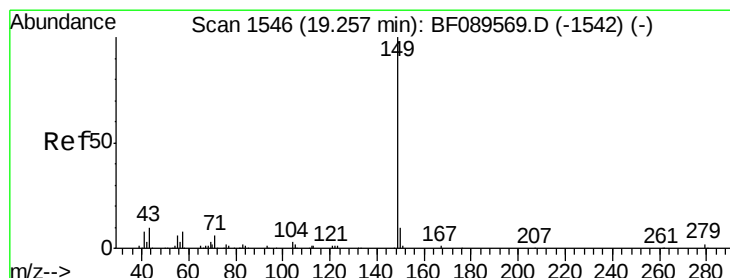
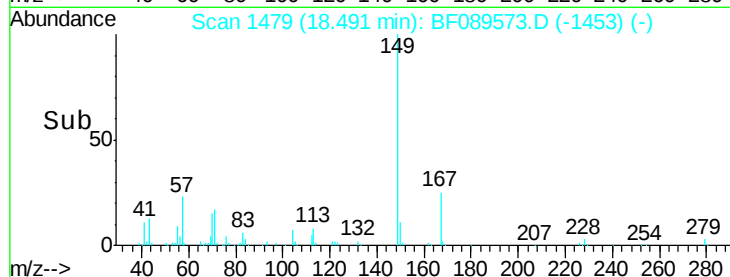
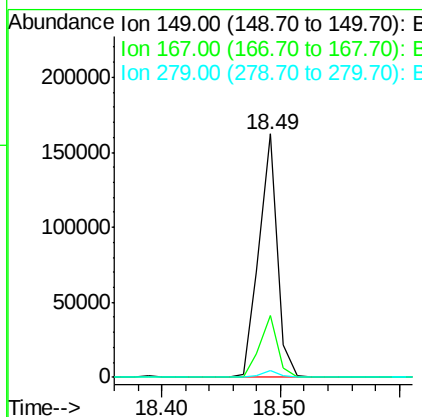
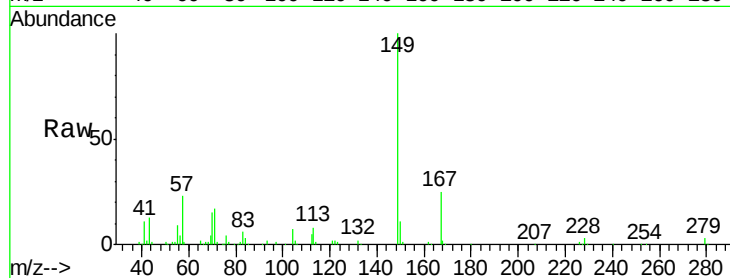




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.53 ng
 RT: 18.49 min Scan# 1479
 Delta R.T. -0.00 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

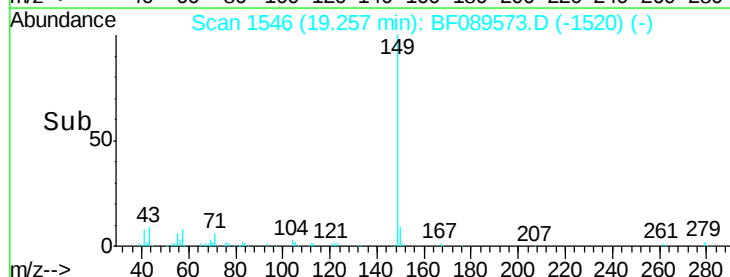
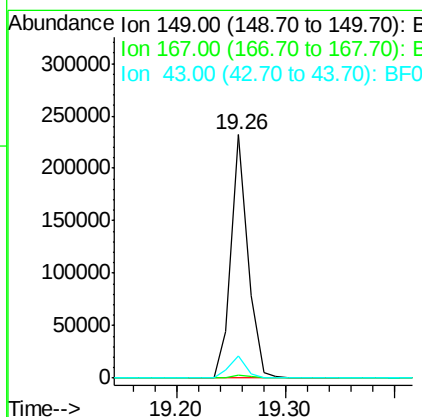
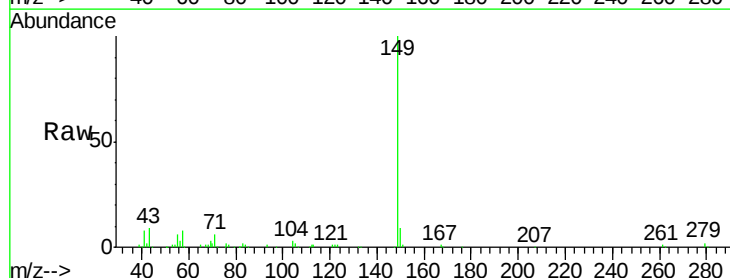
Instrument :
 BNA_F
 ClientSampleId :

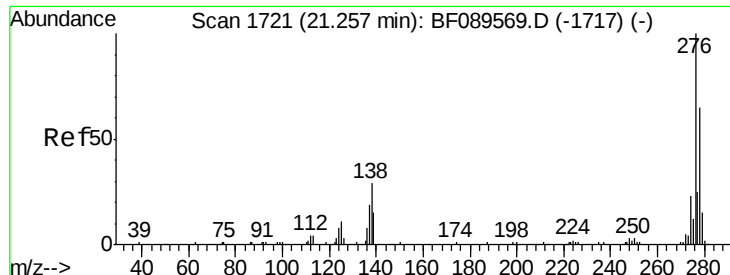
Tot Ion:149 Resp: 177573
 Ion Ratio Lower Upper
 149 100
 167 25.3 19.7 29.5
 279 2.9 2.3 3.5



#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

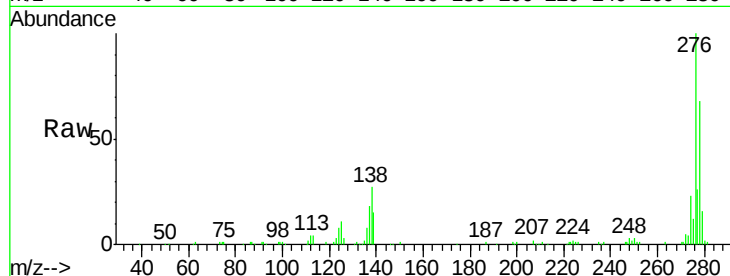




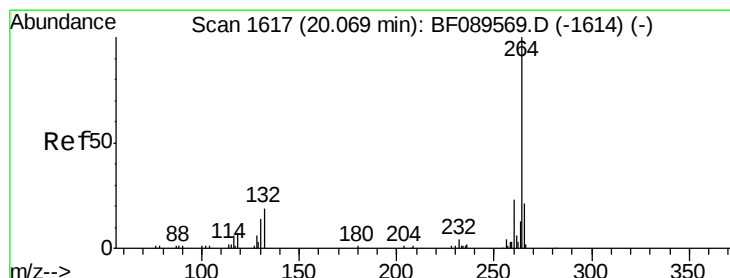
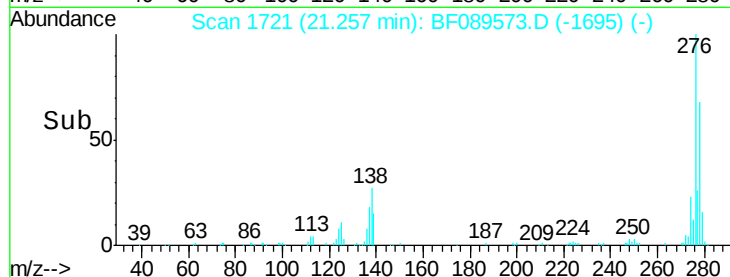
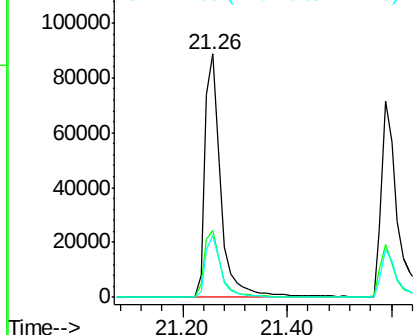
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.77 ng
 RT: 21.26 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:276 Resp: 187054
 Ion Ratio Lower Upper
 276 100
 138 29.1 23.5 35.3
 277 25.2 20.5 30.7

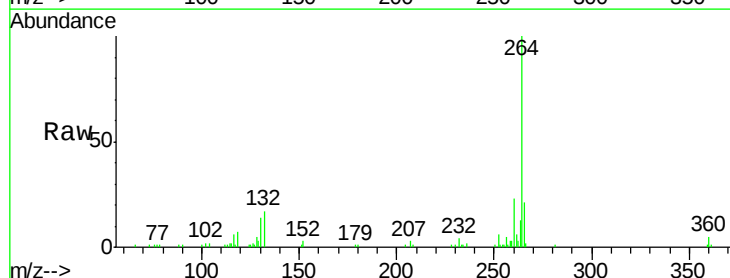


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

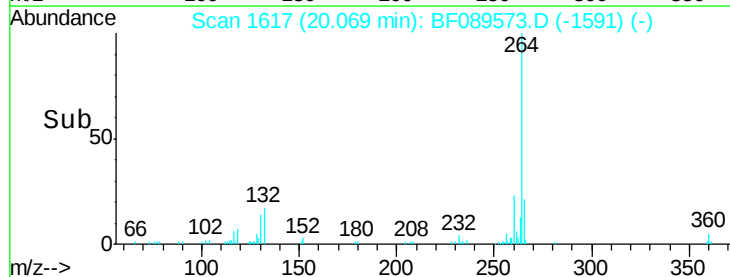
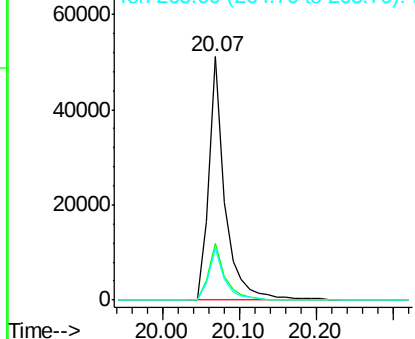


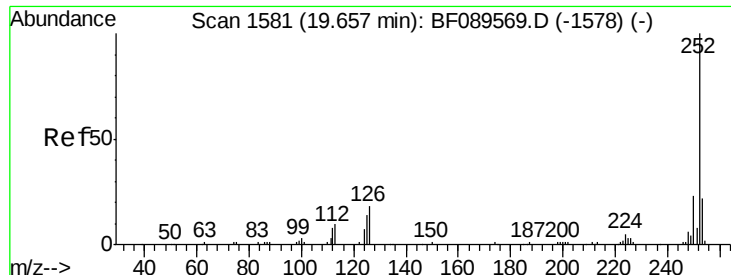
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.07 min Scan# 1617
 Delta R.T. -0.00 min
 Lab File: BF089573.D
 Acq: 3 Aug 2016 22:42

Tgt Ion:264 Resp: 74239
 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

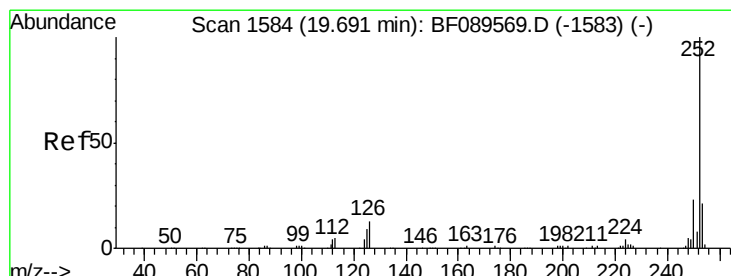
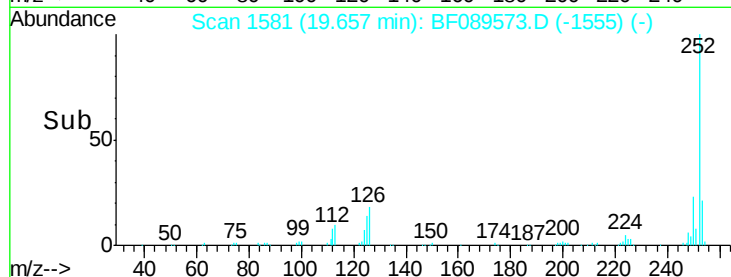
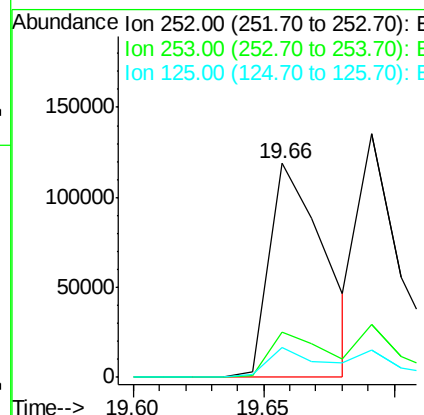
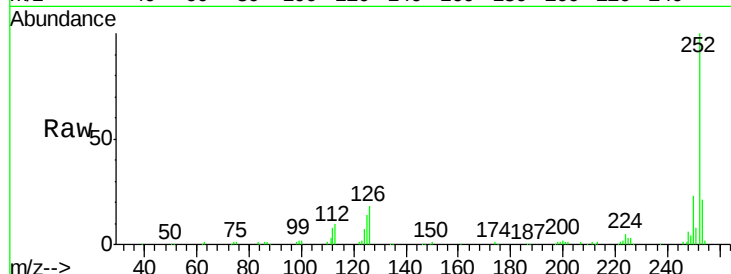




#87
Benzo(b)fluoranthene
Concen: 38.85 ng
RT: 19.66 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BF089573.D
Acq: 3 Aug 2016 22:42

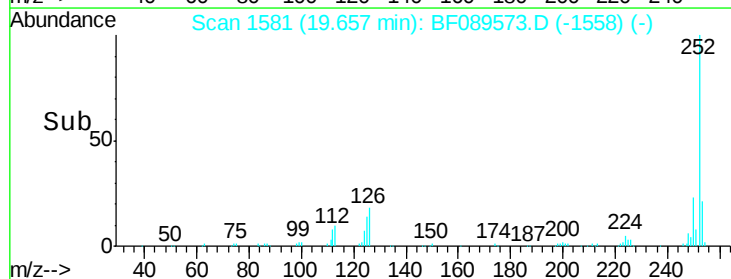
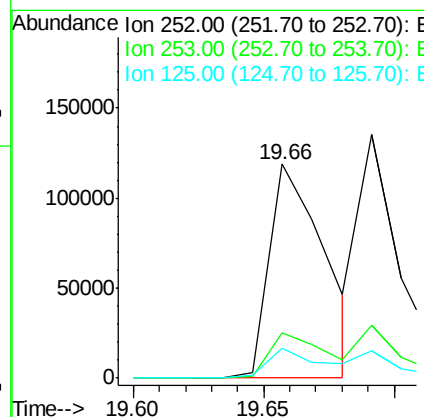
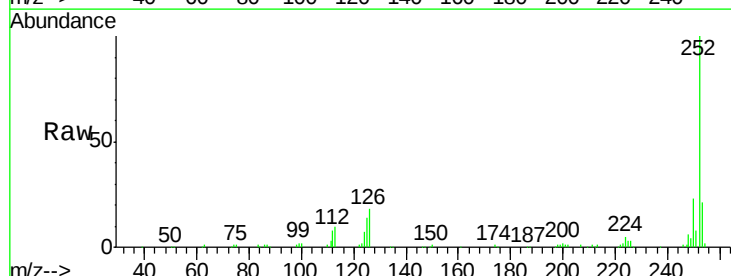
Instrument :
BNA_F
ClientSampleId :

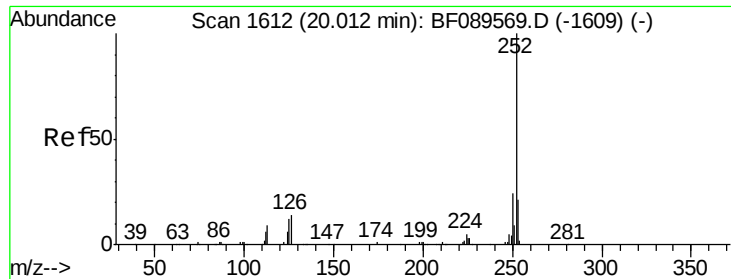
Tot Ion:252 Resp: 176223
Ion Ratio Lower Upper
252 100
253 21.2 17.6 26.4
125 13.9 11.0 16.4



#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 :

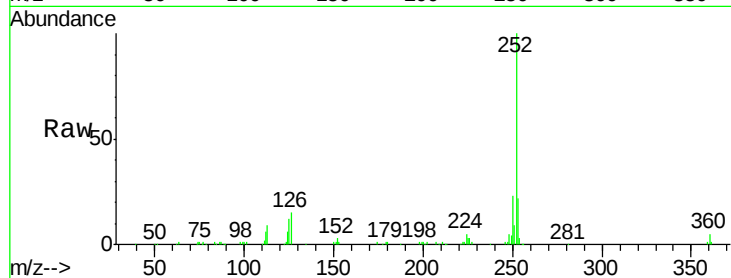
Tot Ion:252 Resp: 159871

Ion Ratio Lower Upper

252 100

253 21.9 16.6 24.8

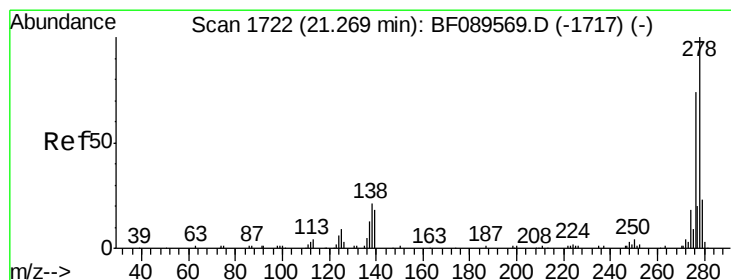
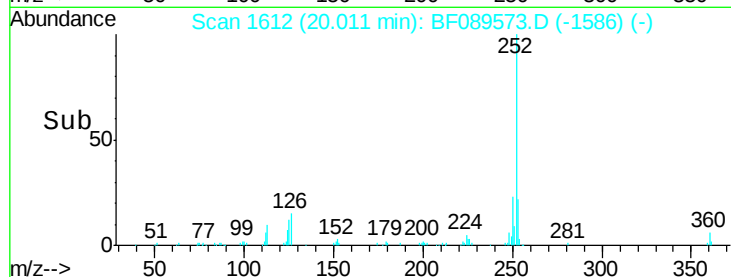
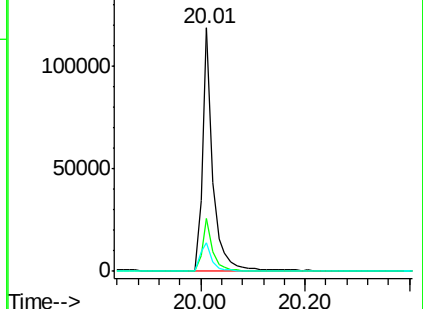
125 11.9 9.4 14.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 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

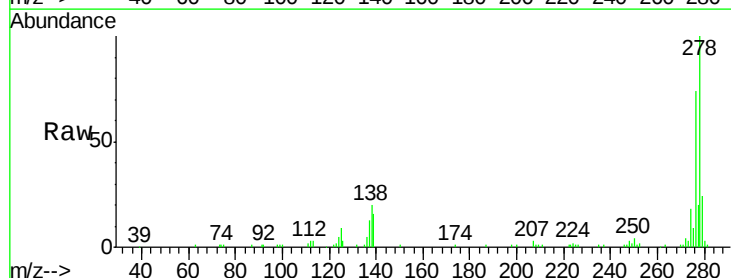
Tgt Ion:278 Resp: 153576

Ion Ratio Lower Upper

278 100

139 16.4 14.1 21.1

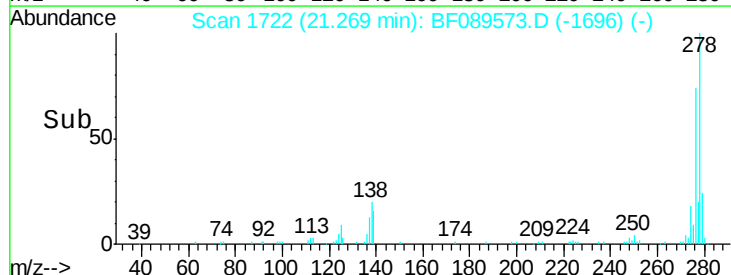
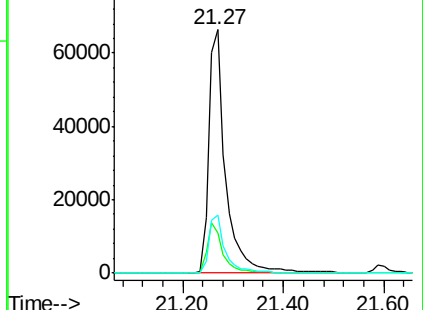
279 23.9 18.7 28.1

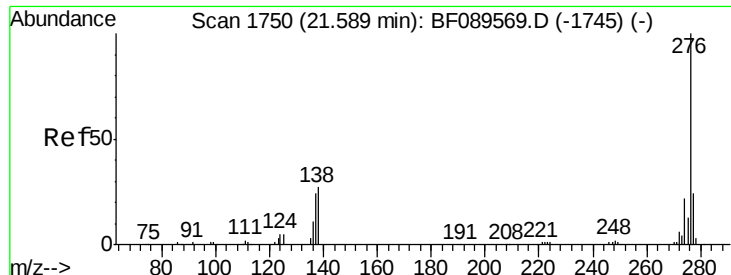


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 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 :

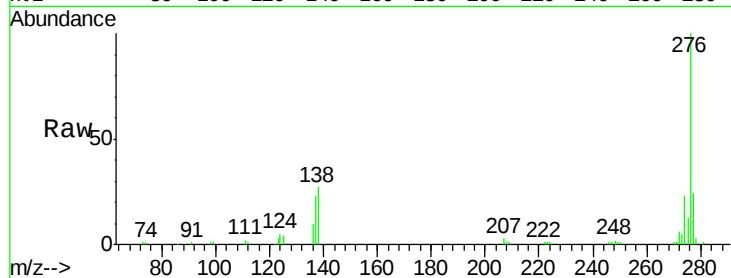
Tot Ion: 276 Resp: 158010

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

