

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
 Data File : BF097271.D
 Acq On : 2 Aug 2017 14:05
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 02 15:14:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 11:39:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.45	152	139492	20.00	ng	-0.01
21) Naphthalene-d8	7.74	136	584342	20.00	ng	-0.01
38) Acenaphthene-d10	9.48	164	232149	20.00	ng	-0.01
63) Phenanthrene-d10	10.95	188	377753	20.00	ng	-0.02
75) Chrysene-d12	13.58	240	245579	20.00	ng	-0.01
86) Perylene-d12	14.92	264	227594	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.05	112	701690	75.83	ng	-0.01
7) Phenol-d6	6.13	99	754675	71.44	ng	-0.02
23) Nitrobenzene-d5	7.03	82	714727	71.75	ng	-0.01
41) 2,4,6-Tribromophenol	10.27	330	143555	78.27	ng	-0.02
44) 2-Fluorobiphenyl	8.82	172	1040484	76.06	ng	-0.02
78) Terphenyl-d14	12.54	244	929868	77.20	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.98	88	161886	41.923	ng	# 74
3) Pyridine	2.58	79	421996	35.689	ng	# 60
4) n-Nitrosodimethylamine	2.55	42	238831	36.459	ng	80
6) Aniline	6.12	93	486430	36.592	ng	94
8) 2-Chlorophenol	6.25	128	364216	36.810	ng	94
9) Benzaldehyde	6.00	77	243129	38.884	ng	97
10) Phenol	6.14	94	457841	36.539	ng	96
11) bis(2-Chloroethyl)ether	6.20	93	343028	34.614	ng	94
12) 1,3-Dichlorobenzene	6.39	146	398187	37.344	ng	99
13) 1,4-Dichlorobenzene	6.47	146	407846	38.596	ng	95
14) 1,2-Dichlorobenzene	6.62	146	341252	36.986	ng	99
15) Benzyl Alcohol	6.62	79	264826	39.596	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.74	45	701703	35.302	ng	64
17) 2-Methylphenol	6.75	107	278996	36.535	ng	# 89
18) Hexachloroethane	6.96	117	140428	36.325	ng	# 84
19) n-Nitroso-di-n-propylamine	6.89	70	249214	35.841	ng	# 85
20) 3+4-Methylphenols	6.90	107	372986	37.397	ng	# 64
22) Acetophenone	6.88	105	491726	35.041	ng	96
24) Nitrobenzene	7.05	77	378644	36.499	ng	96
25) Isophorone	7.29	82	773412	39.648	ng	98
26) 2-Nitrophenol	7.36	139	219482	39.106	ng	# 85
27) 2,4-Dimethylphenol	7.42	122	350049	37.809	ng	98
28) bis(2-Chloroethoxy)methane	7.50	93	499827	39.264	ng	99
29) 2,4-Dichlorophenol	7.62	162	292151	36.629	ng	97
30) 1,2,4-Trichlorobenzene	7.69	180	286326	37.663	ng	99
31) Naphthalene	7.76	128	1037430	37.663	ng	100
32) Benzoic acid	7.59	122	264701	38.288	ng	92
33) 4-Chloroaniline	7.82	127	425739	37.985	ng	99
34) Hexachlorobutadiene	7.88	225	140893	34.958	ng	97
35) Caprolactam	8.21	113	69918	27.338	ng	# 64
36) 4-Chloro-3-methylphenol	8.33	107	303136	34.837	ng	88
37) 2-Methylnaphthalene	8.45	142	594452	34.085	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.62	216	242160	39.094	ng	99
40) Hexachlorocyclopentadiene	8.60	237	60538	32.237	ng	98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
 Data File : BF097271.D
 Acq On : 2 Aug 2017 14:05
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 02 15:14:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 11:39:11 2017
 Response via : Initial Calibration

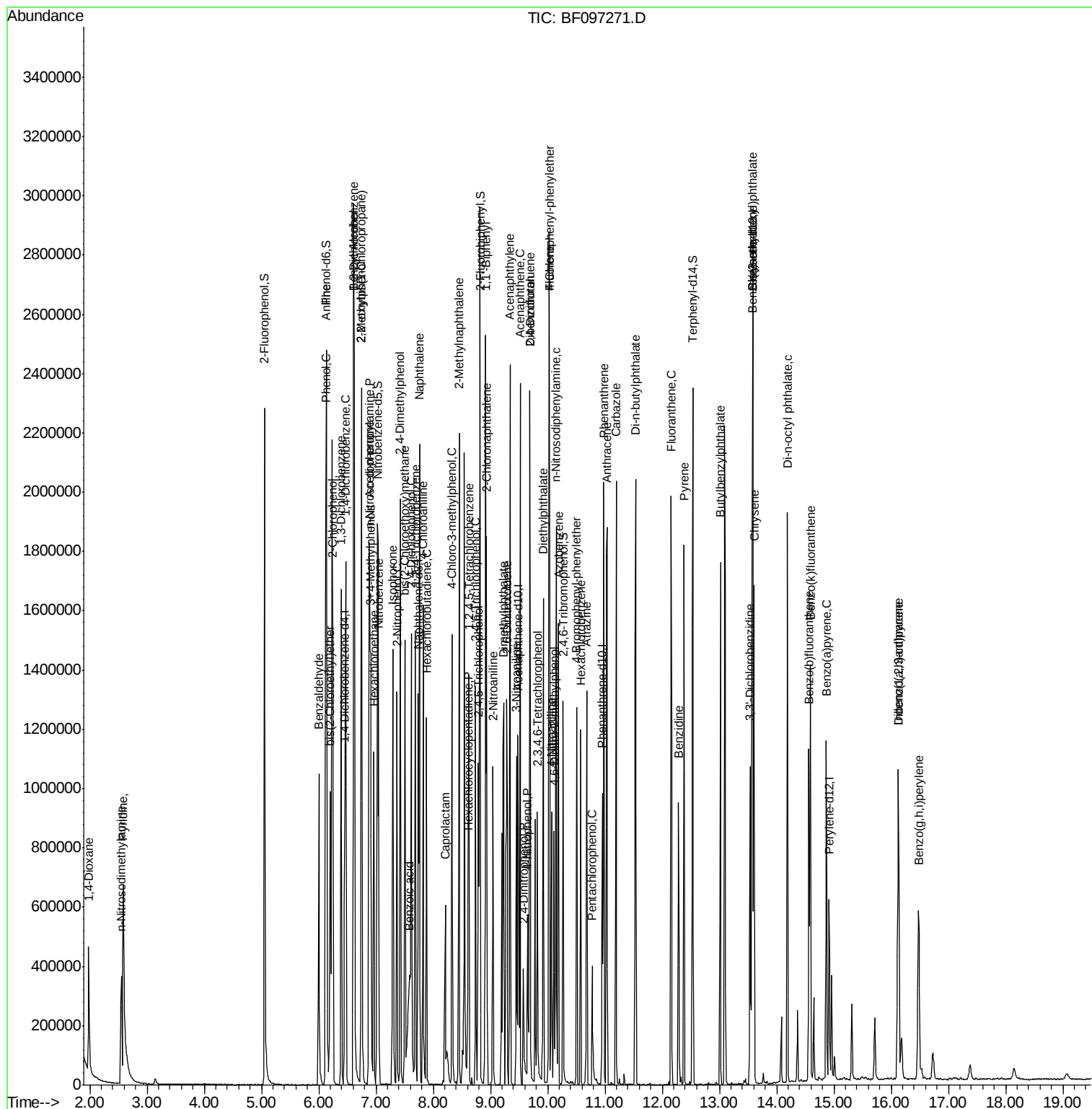
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.74	196	168672	37.576	nq	99
43) 2,4,5-Trichlorophenol	8.79	196	168675	37.542	nq	98
45) 1,1'-Biphenyl	8.92	154	744781	37.561	nq	98
46) 2-Chloronaphthalene	8.93	162	568043	38.929	nq	# 91
47) 2-Nitroaniline	9.05	65	202945	38.324	nq	90
48) Acenaphthylene	9.35	152	831315	37.117	nq	99
49) Dimethylphthalate	9.23	163	673214	38.188	nq	99
50) 2,6-Dinitrotoluene	9.29	165	145143	38.819	nq	# 73
51) Acenaphthene	9.52	154	504955	38.275	nq	100
52) 3-Nitroaniline	9.46	138	180158	38.819	nq	89
53) 2,4-Dinitrophenol	9.57	184	64855	38.149	nq	# 73
54) Dibenzofuran	9.69	168	702917	40.001	nq	97
55) 4-Nitrophenol	9.65	139	89891	32.570	nq	# 62
56) 2,4-Dinitrotoluene	9.69	165	179724	41.813	nq	# 61
57) Fluorene	10.03	166	545081	41.271	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.82	232	122926	39.625	nq	# 96
59) Diethylphthalate	9.92	149	624546	38.615	nq	99
60) 4-Chlorophenyl-phenylether	10.02	204	224416	41.148	nq	99
61) 4-Nitroaniline	10.07	138	168875	38.295	nq	92
62) Azobenzene	10.19	77	574238	38.272	nq	92
64) 4,6-Dinitro-2-methylphenol	10.10	198	102904	43.839	nq	89
65) n-Nitrosodiphenylamine	10.15	169	511885	38.946	nq	97
66) 4-Bromophenyl-phenylether	10.51	248	145991	38.726	nq	96
67) Hexachlorobenzene	10.57	284	164256	38.854	nq	# 86
68) Atrazine	10.68	200	150359	39.894	nq	94
69) Pentachlorophenol	10.78	266	60914	34.825	nq	97
70) Phenanthrene	10.98	178	777976	38.437	nq	98
71) Anthracene	11.03	178	787628	37.994	nq	99
72) Carbazole	11.19	167	789777	38.738	nq	99
73) Di-n-butylphthalate	11.53	149	1021947	40.551	nq	99
74) Fluoranthene	12.16	202	790177	39.851	nq	98
76) Benzidine	12.29	184	321576	35.291	nq	# 94
77) Pyrene	12.38	202	773174	38.457	nq	99
79) Butylbenzylphthalate	13.02	149	407867	39.882	nq	# 80
80) Benzo(a)anthracene	13.57	228	610052	38.392	nq	99
81) 3,3'-Dichlorobenzidine	13.54	252	228705	38.167	nq	# 96
82) Chrysene	13.60	228	602404	38.825	nq	100
83) Bis(2-ethylhexyl)phthalate	13.58	149	513747	38.475	nq	98
84) Di-n-octyl phthalate	14.19	149	930528	37.975	nq	# 94
85) Indeno(1,2,3-cd)pyrene	16.13	276	453390	34.077	nq	99
87) Benzo(b)fluoranthene	14.57	252	494707	36.160	nq	99
88) Benzo(k)fluoranthene	14.59	252	524109	40.202	nq	# 96
89) Benzo(a)pyrene	14.87	252	469551	37.500	nq	99
90) Dibenzo(a,h)anthracene	16.13	278	359390	35.001	nq	98
91) Benzo(g,h,i)perylene	16.48	276	393444	36.539	nq	99

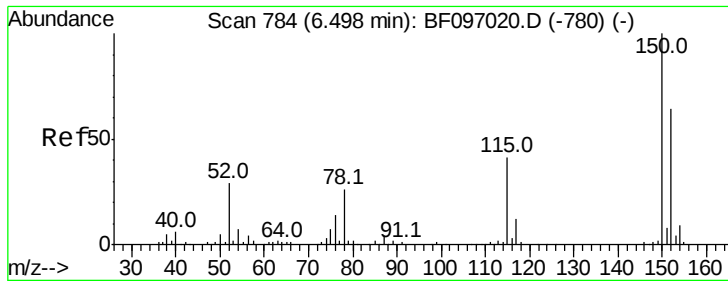
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\  
Data File : BF097271.D  
Acq On    : 2 Aug 2017 14:05  
Operator  : SJ/JU  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 2 Sample Multiplier: 1
```

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 02 15:14:16 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 02 11:39:11 2017
Response via : Initial Calibration



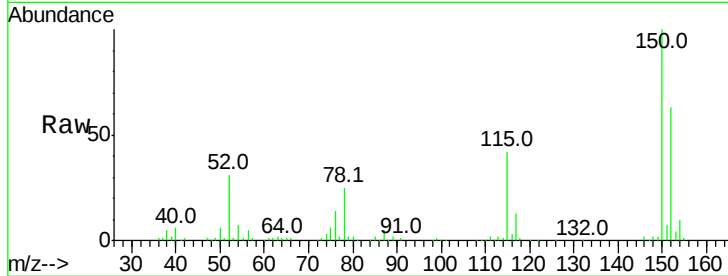


#1

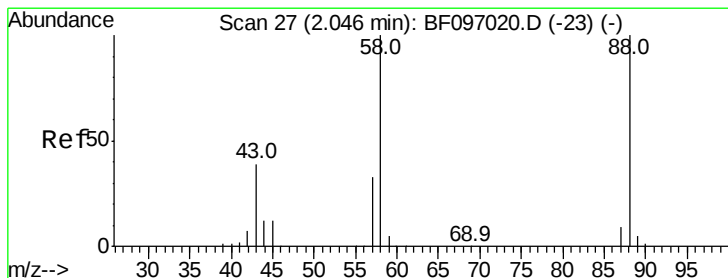
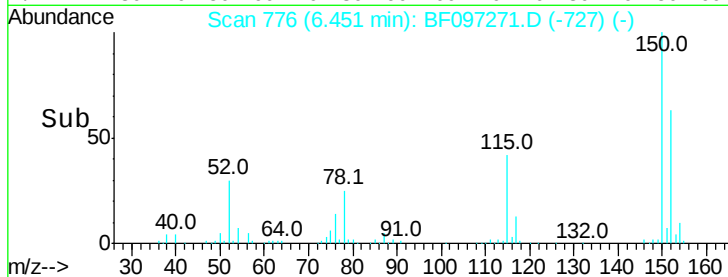
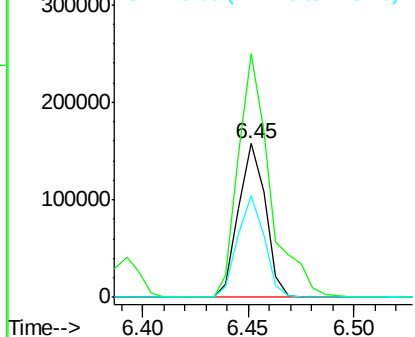
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.45 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF097271.D
Acq: 2 Aug 2017 14:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 139492
Ion Ratio Lower Upper
152 100
150 158.4 126.2 189.2
115 66.1 52.2 78.2



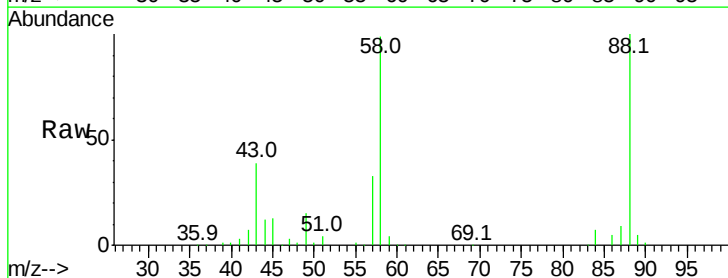
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



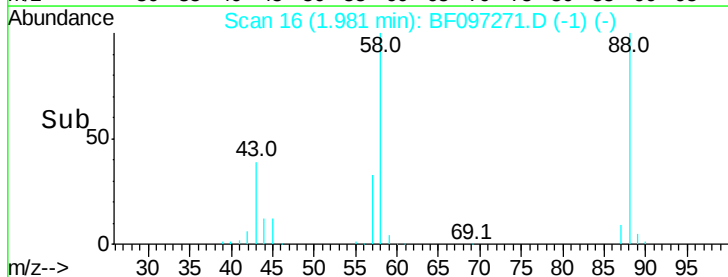
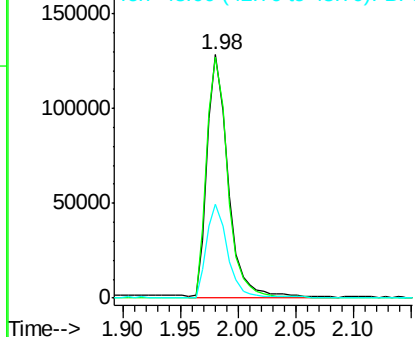
#2

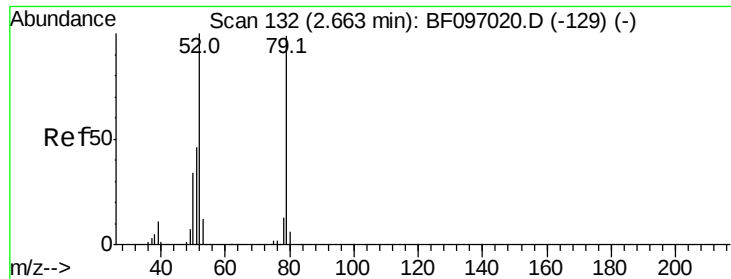
1,4-Dioxane
Concen: 41.923 ng
RT: 1.98 min Scan# 16
Delta R.T. 0.03 min
Lab File: BF097271.D
Acq: 2 Aug 2017 14:05

Tgt Ion: 88 Resp: 161886
Ion Ratio Lower Upper
88 100
58 101.2 61.4 92.0#
43 40.4 23.4 35.0#



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

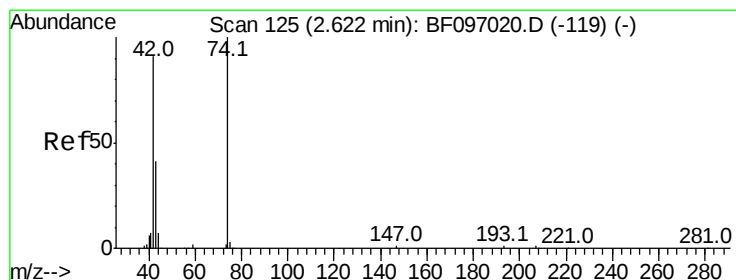
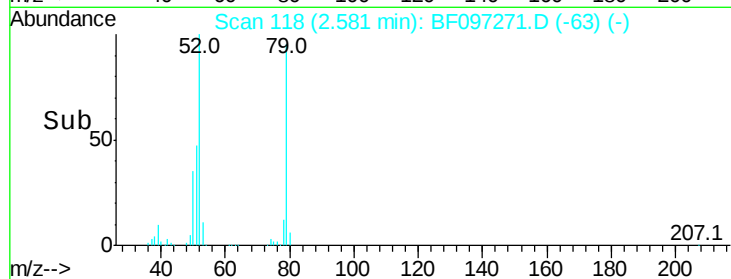
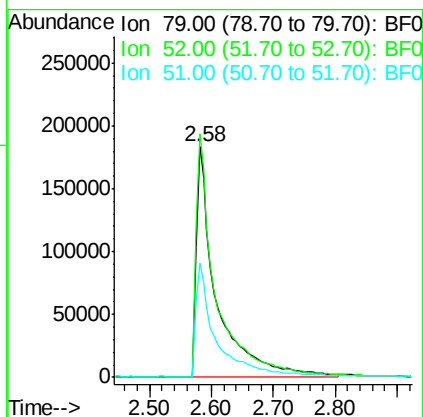
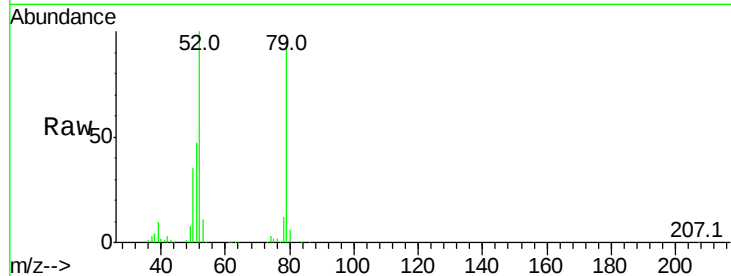




#3
 Pvridine
 Concen: 35.689 ng
 RT: 2.58 min Scan# 118
 Delta R.T. 0.02 min
 Lab File: BF097271.D
 Acq: 2 Aug 2017 14:05

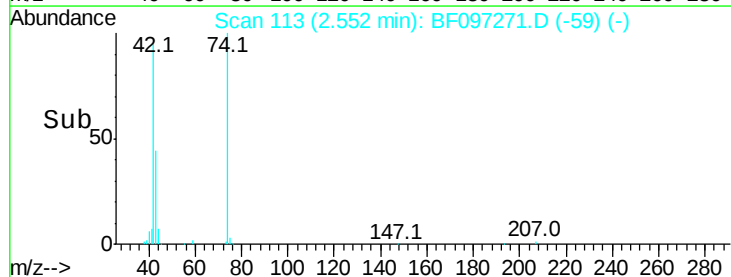
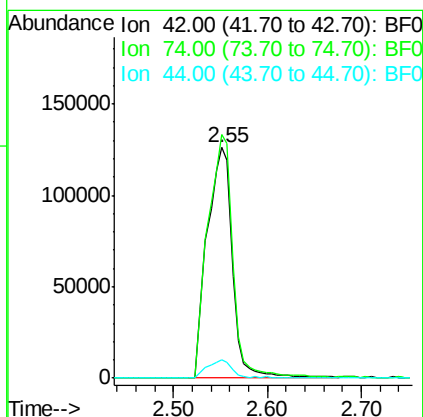
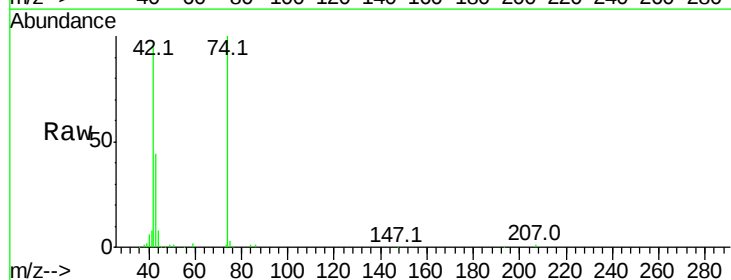
Instrument :
 BNA_F
 ClientSampled :

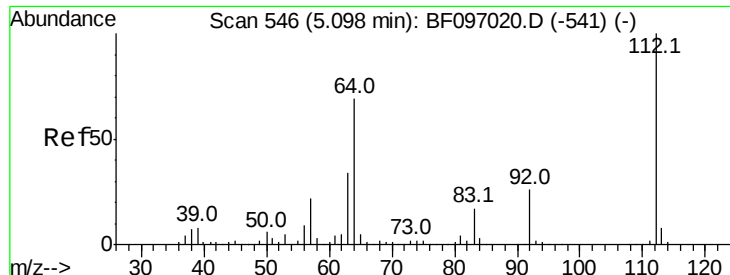
Tot Ion: 79 Resp: 421996
 Ion Ratio Lower Upper
 79 100
 52 105.7 54.8 82.2#
 51 49.9 27.0 40.4#



#4
 n-Nitrosodimethylamine
 Concen: 36.459 ng
 RT: 2.55 min Scan# 113
 Delta R.T. 0.02 min
 Lab File: BF097271.D
 Acq: 2 Aug 2017 14:05

Tgt Ion: 42 Resp: 238831
 Ion Ratio Lower Upper
 42 100
 74 105.6 103.9 155.9
 44 8.1 5.7 8.5





#5

2-Fluorophenol

Concen: 75.832 ng

RT: 5.05 min Scan# 538

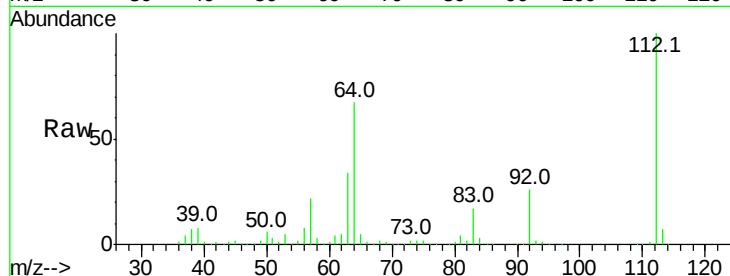
Delta R.T. -0.01 min

Lab File: BF097271.D

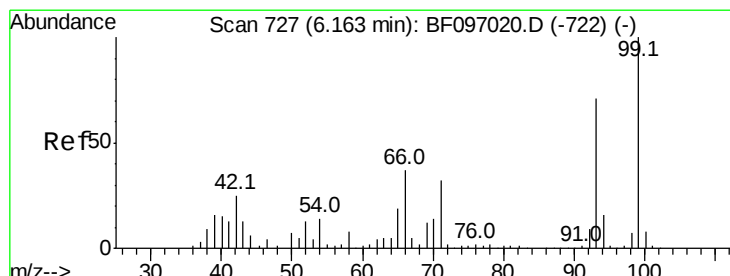
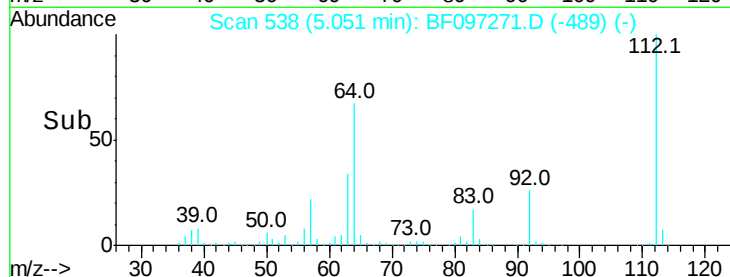
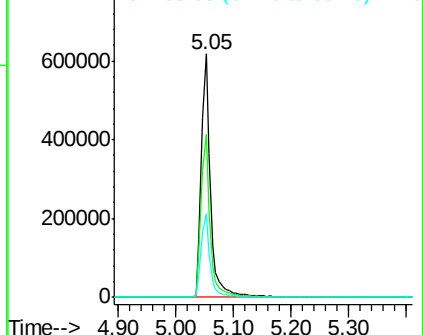
Acq: 2 Aug 2017 14:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	701690
Ion	Ratio	Lower	Upper
112	100		
64	66.9	46.0	69.0
63	34.2	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 36.592 ng

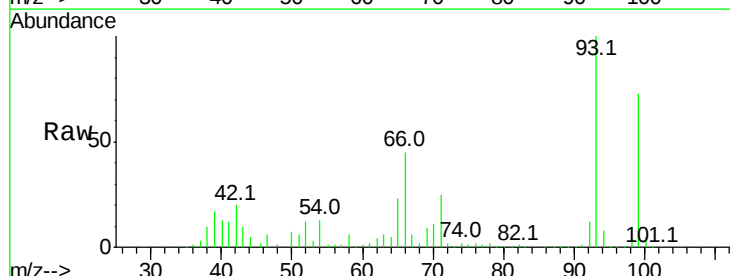
RT: 6.12 min Scan# 719

Delta R.T. -0.02 min

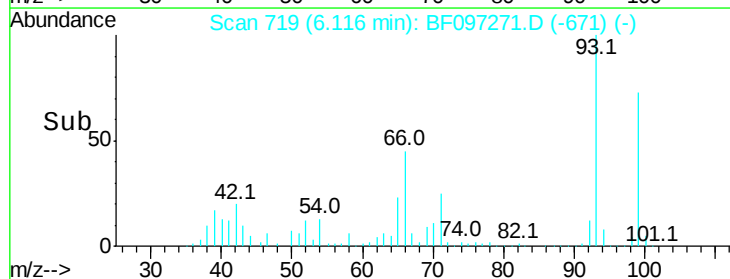
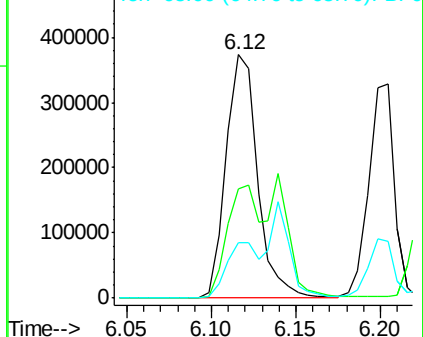
Lab File: BF097271.D

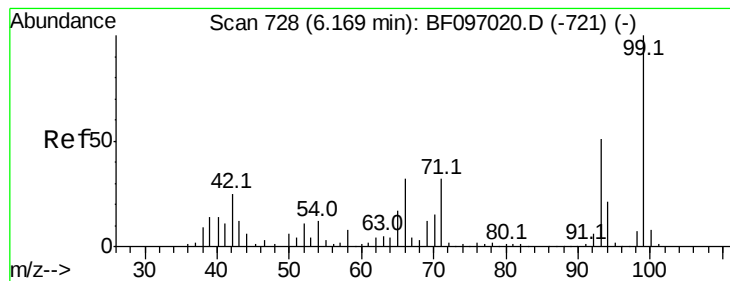
Acq: 2 Aug 2017 14:05

Tgt Ion:	93	Resp:	486430
Ion	Ratio	Lower	Upper
93	100		
66	45.0	32.9	49.3
65	22.8	16.0	24.0



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 71.440 ng

RT: 6.13 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF097271.D

Acq: 2 Aug 2017 14:05

Instrument :

BNA_F

ClientSampleId :

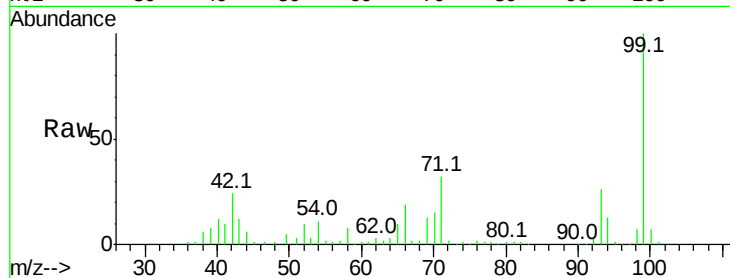
Tot Ion: 99 Resp: 754675

Ion Ratio Lower Upper

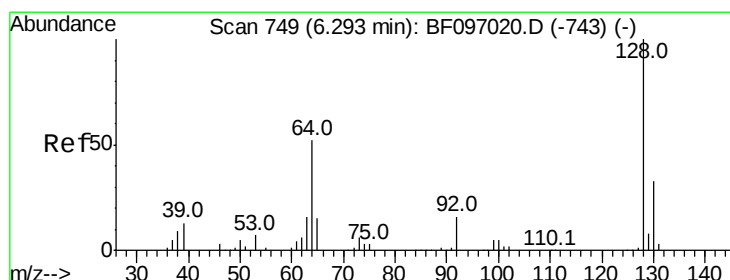
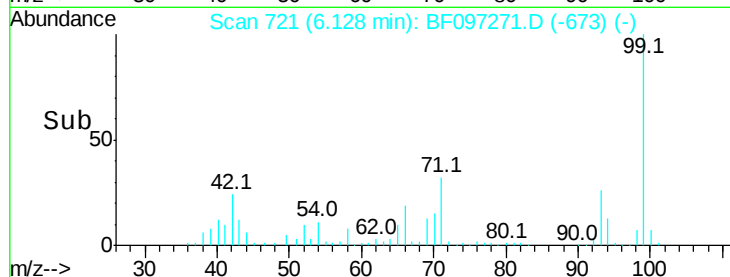
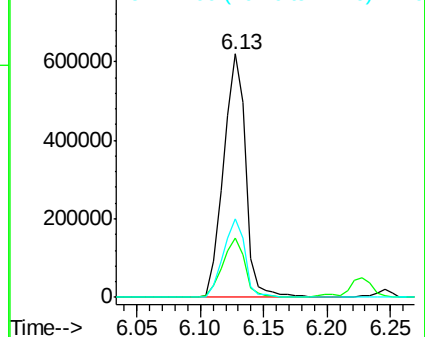
99 100

42 24.5 13.5 20.3#

71 32.4 24.5 36.7



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: 36.810 ng

RT: 6.25 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF097271.D

Acq: 2 Aug 2017 14:05

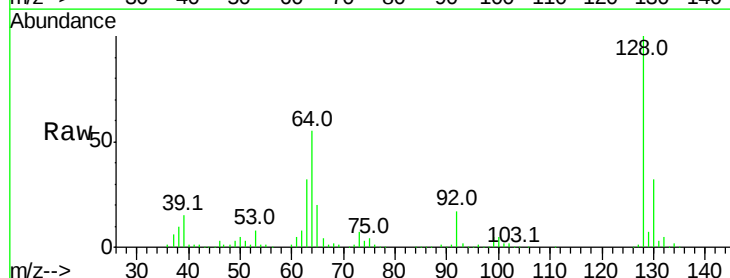
Tgt Ion:128 Resp: 364216

Ion Ratio Lower Upper

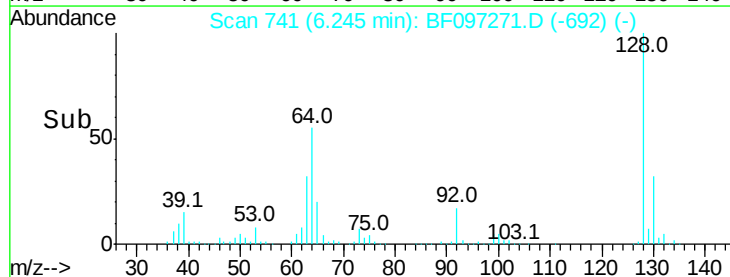
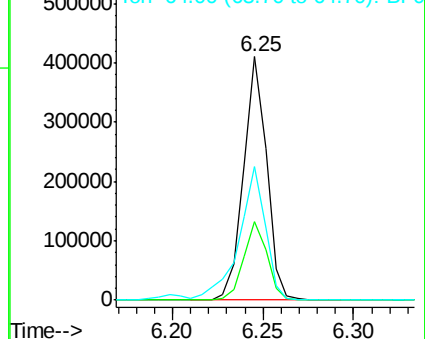
128 100

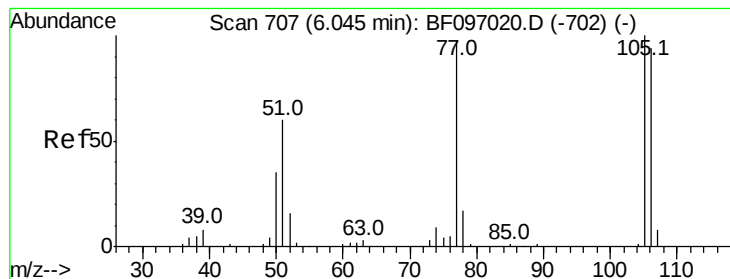
130 32.0 12.9 52.9

64 54.7 28.4 68.4



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: 38.884 ng

RT: 6.00 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF097271.D

Acq: 2 Aug 2017 14:05

Instrument :

BNA_F

ClientSampled :

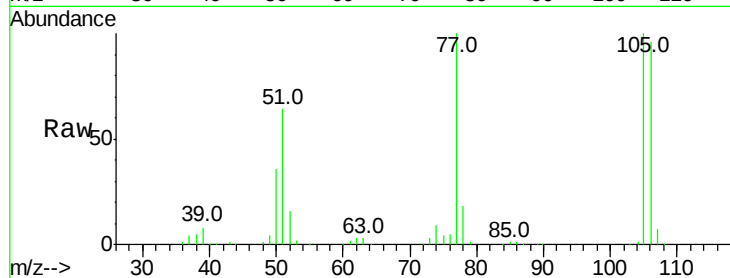
Tot Ion: 77 Resp: 243129

Ion Ratio Lower Upper

77 100

105 100.5 83.8 123.8

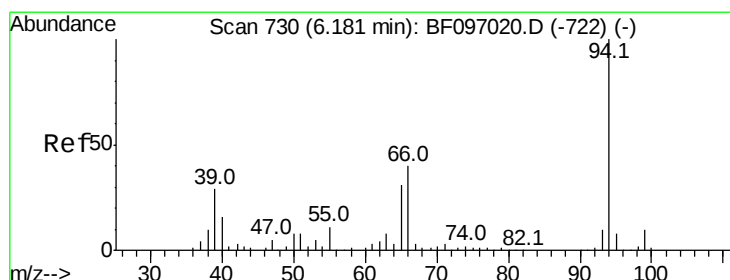
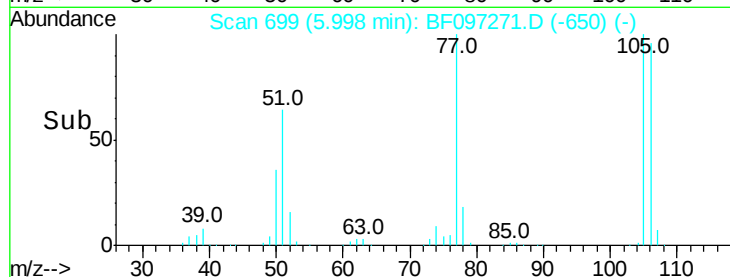
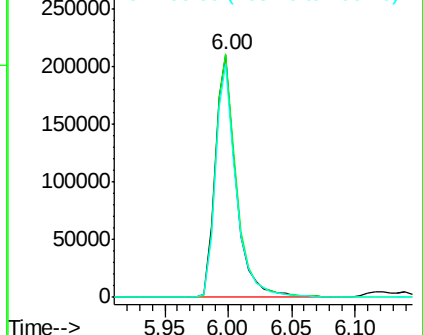
106 96.3 79.1 119.1



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: 36.539 ng

RT: 6.14 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF097271.D

Acq: 2 Aug 2017 14:05

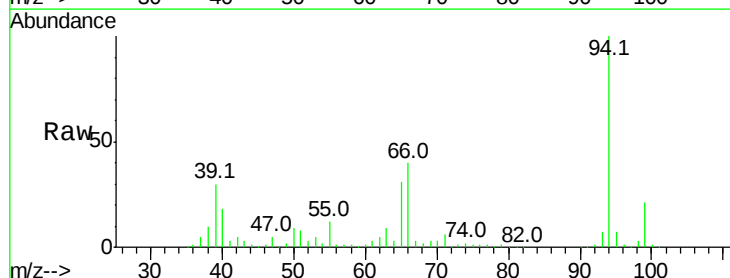
Tgt Ion: 94 Resp: 457841

Ion Ratio Lower Upper

94 100

65 31.3 9.9 49.9

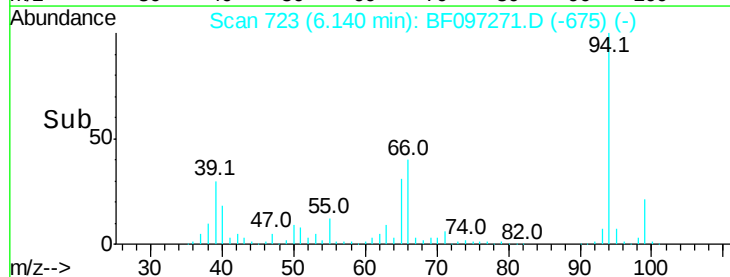
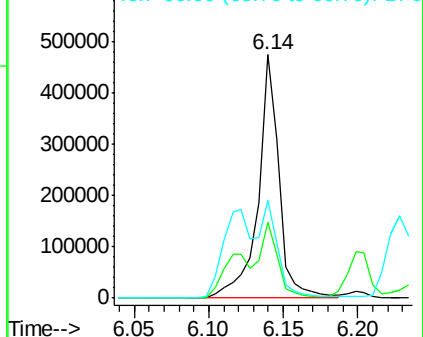
66 40.3 23.1 63.1

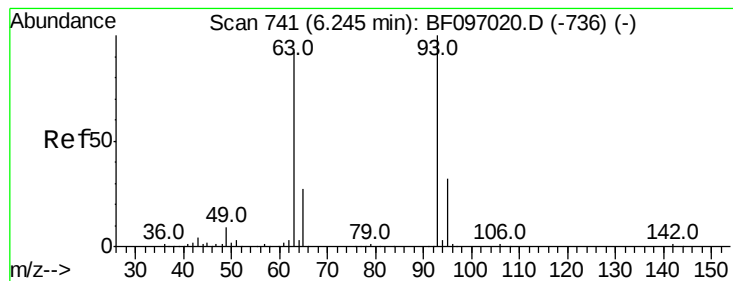


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 34.614 ng

RT: 6.20 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF097271.D

Acq: 2 Aug 2017 14:05

Instrument :

BNA_F

ClientSampleId :

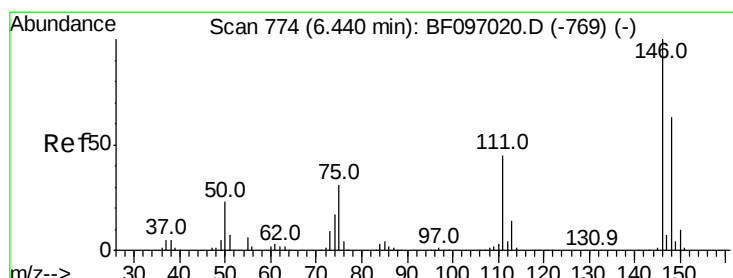
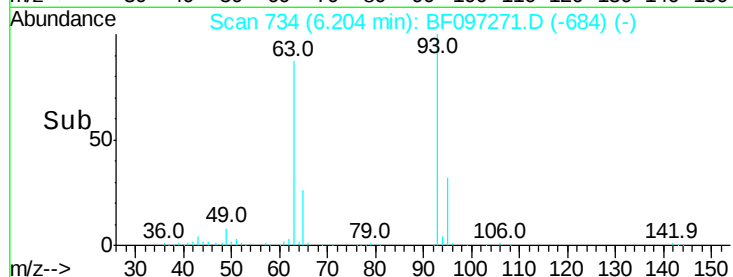
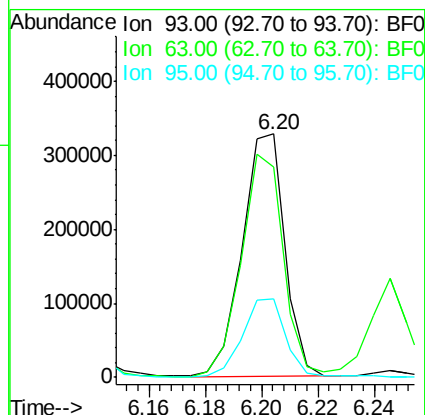
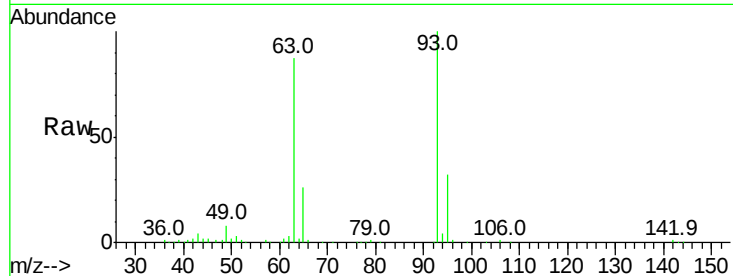
Tot Ion: 93 Resp: 343028

Ion Ratio Lower Upper

93 100

63 86.7 59.2 99.2

95 32.3 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 37.344 ng

RT: 6.39 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF097271.D

Acq: 2 Aug 2017 14:05

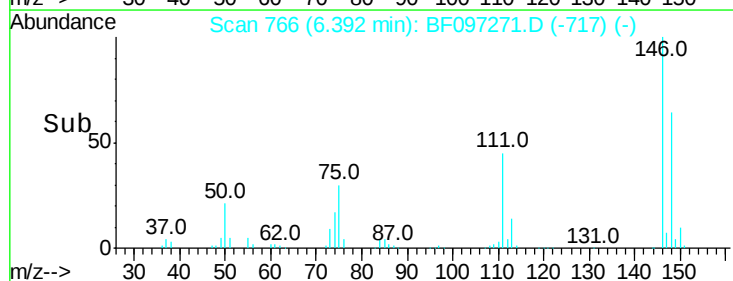
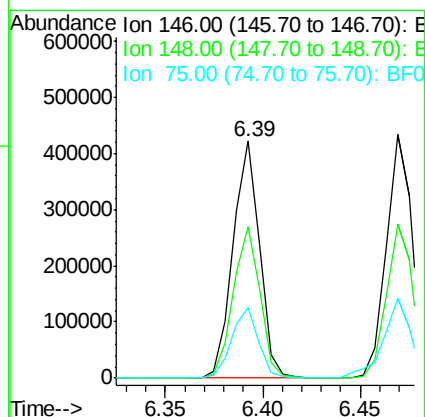
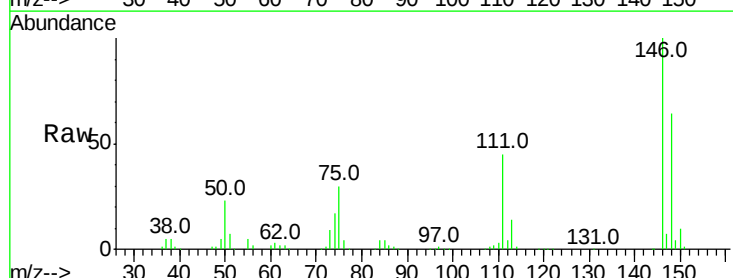
Tgt Ion: 146 Resp: 398187

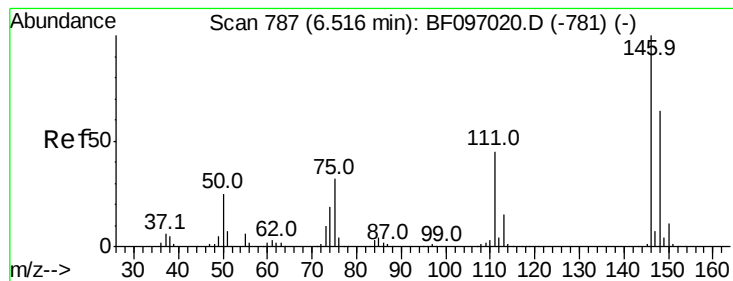
Ion Ratio Lower Upper

146 100

148 64.1 51.8 77.6

75 30.1 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 38.596 ng

RT: 6.47 min Scan# 779

Delta R.T. -0.01 min

Lab File: BF097271.D

Acq: 2 Aug 2017 14:05

Instrument :

BNA_F

ClientSampled :

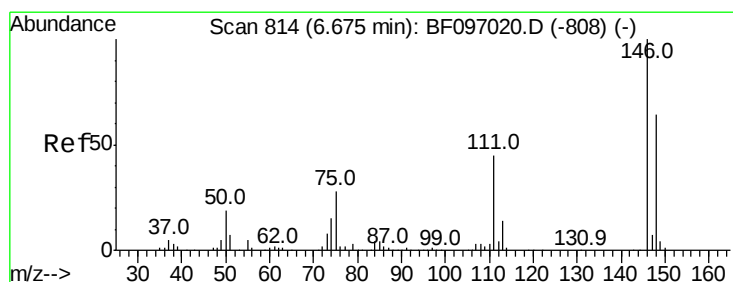
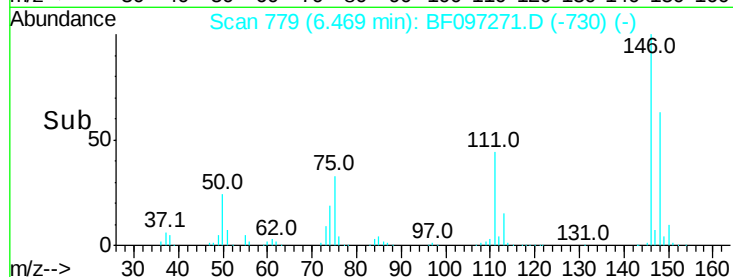
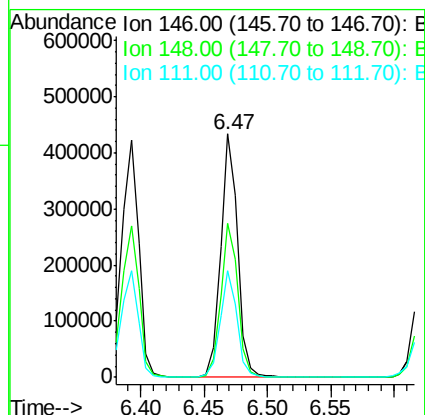
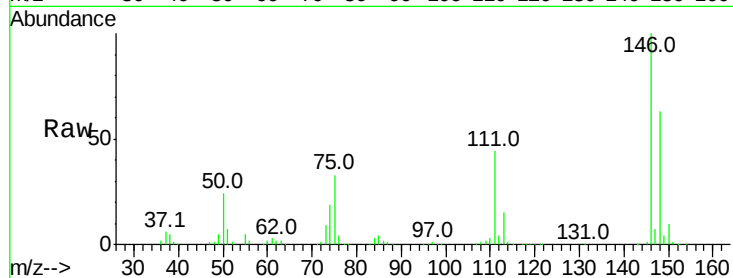
Tot Ion:146 Resp: 407846

Ion Ratio Lower Upper

146 100

148 63.1 52.2 78.2

111 44.0 30.3 45.5



#14

1,2-Dichlorobenzene

Concen: 36.986 ng

RT: 6.62 min Scan# 805

Delta R.T. -0.02 min

Lab File: BF097271.D

Acq: 2 Aug 2017 14:05

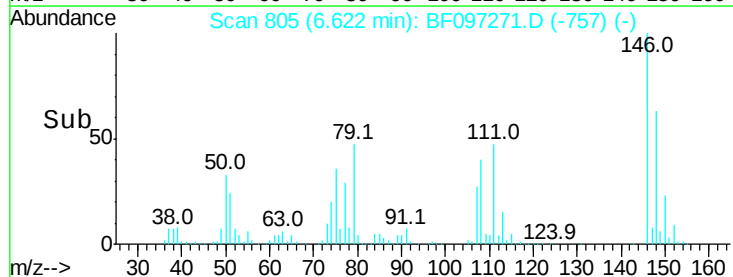
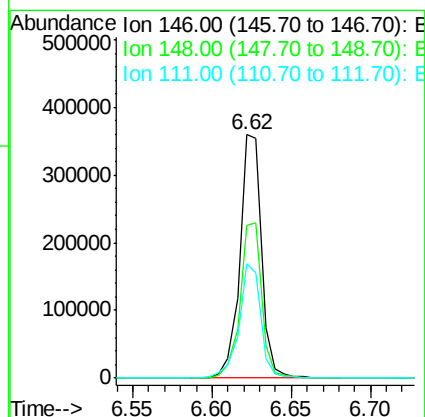
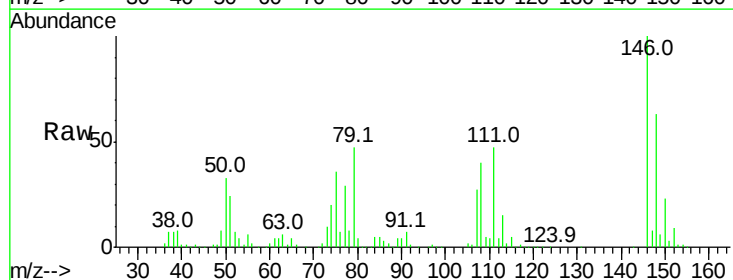
Tgt Ion:146 Resp: 341252

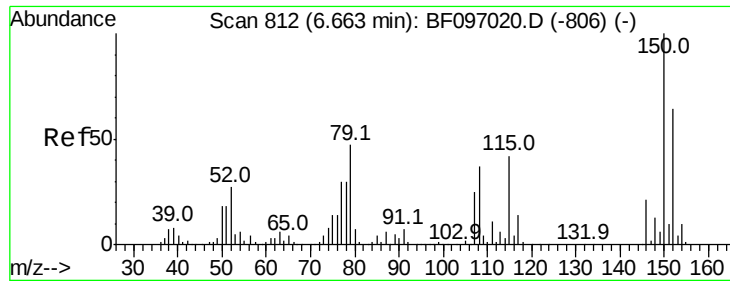
Ion Ratio Lower Upper

146 100

148 62.8 50.4 75.6

111 46.8 38.2 57.4





#15

Benzyl Alcohol

Concen: 39.596 ng

RT: 6.62 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF097271.D

Acq: 2 Aug 2017 14:05

Instrument :
BNA_F
ClientSampled :

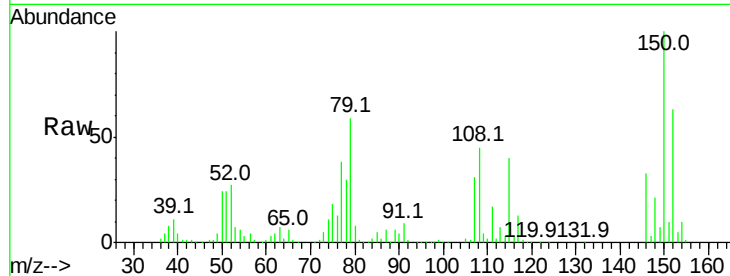
Tot Ion: 79 Resp: 264826

Ion Ratio Lower Upper

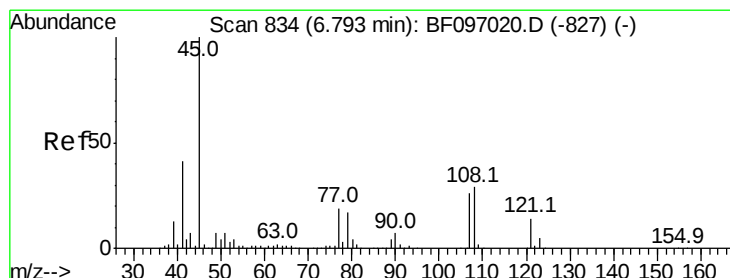
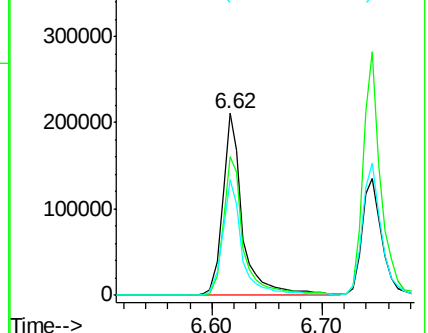
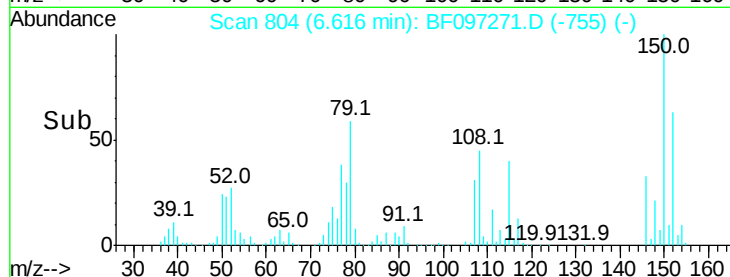
79 100

108 76.0 63.4 95.0

77 63.7 49.2 73.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.302 ng

RT: 6.74 min Scan# 825

Delta R.T. -0.02 min

Lab File: BF097271.D

Acq: 2 Aug 2017 14:05

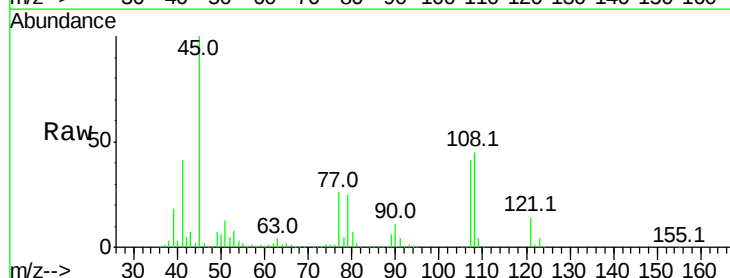
Tgt Ion: 45 Resp: 701703

Ion Ratio Lower Upper

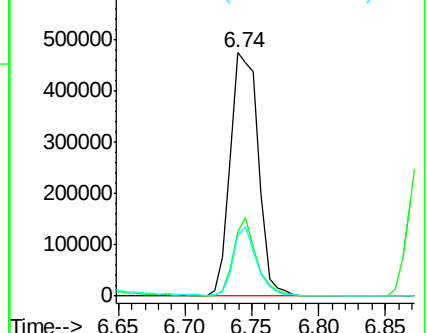
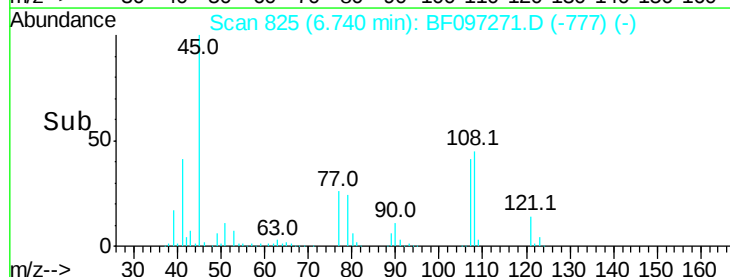
45 100

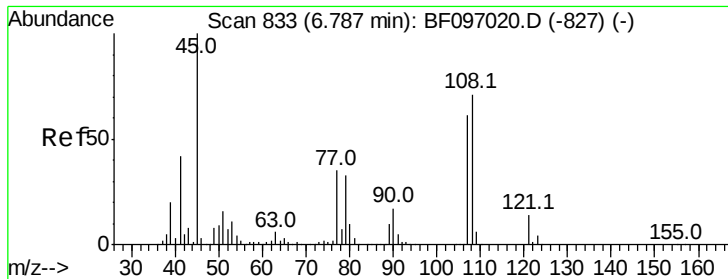
77 26.5 0.0 33.2

79 24.7 0.0 30.0



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

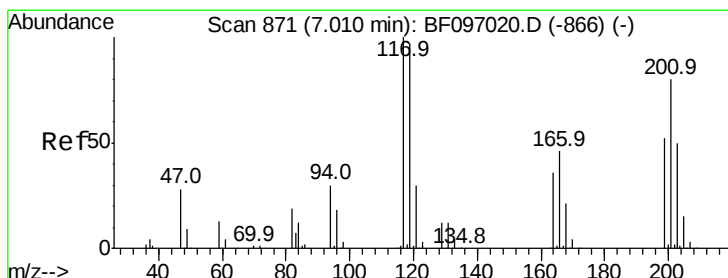
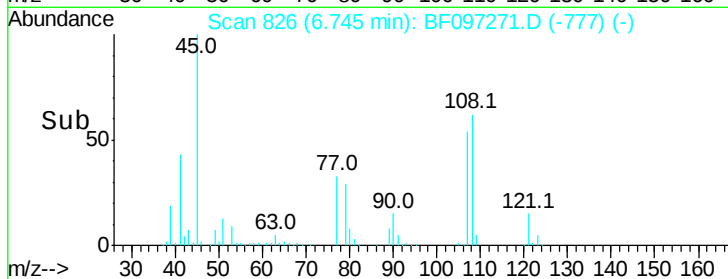
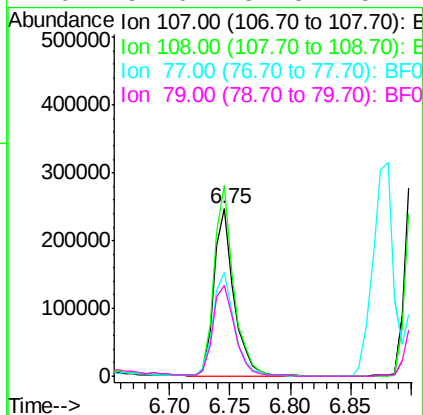
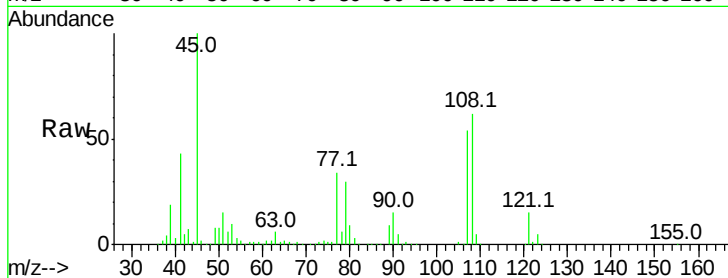




#17
2-Methylphenol
Concen: 36.535 ng
RT: 6.75 min Scan# 826
Delta R.T. -0.01 min
Lab File: BF097271.D
Acq: 2 Aug 2017 14:05

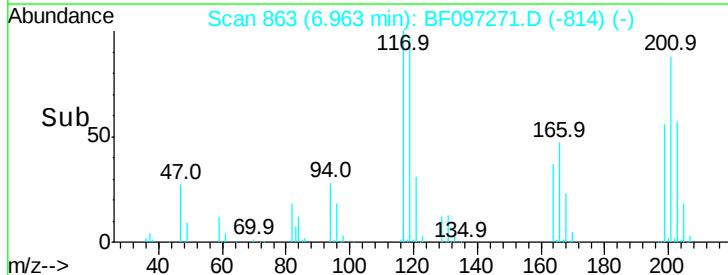
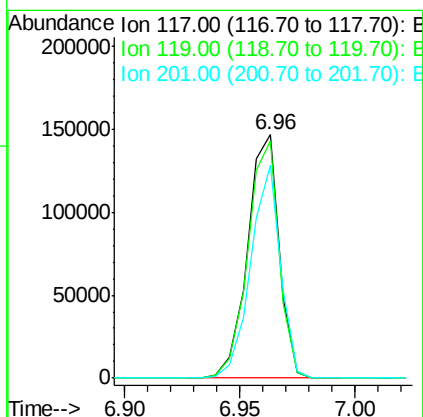
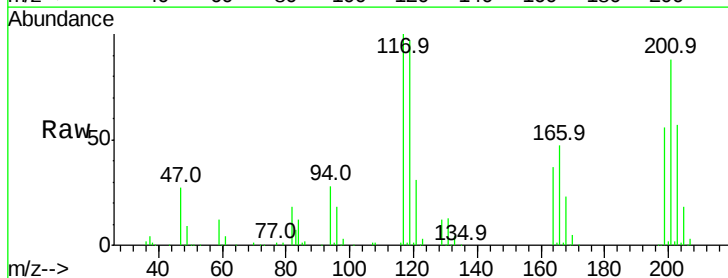
Instrument :
BNA_F
ClientSampled :

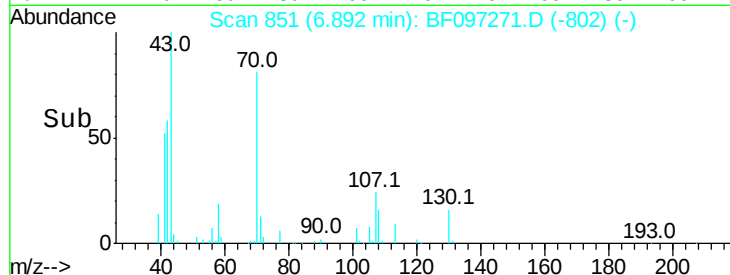
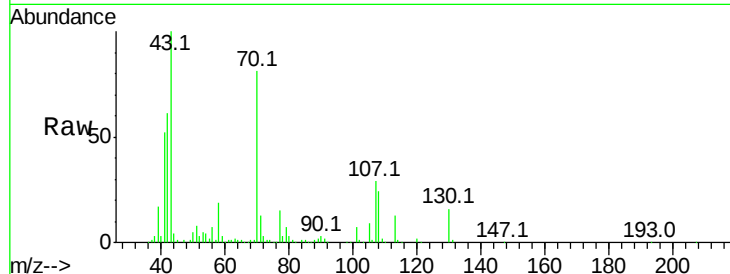
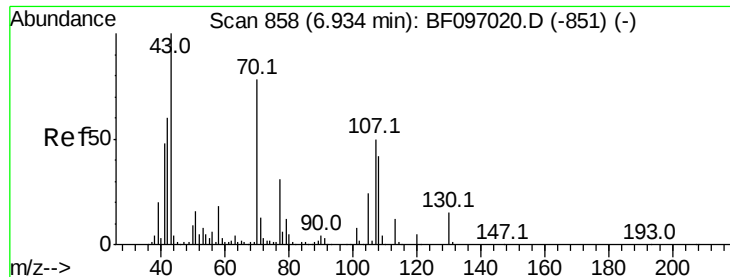
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.3	93.4	140.0
77	61.8	35.8	53.6#
79	54.6	34.8	52.2#



#18
Hexachloroethane
Concen: 36.325 ng
RT: 6.96 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF097271.D
Acq: 2 Aug 2017 14:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.3	77.4	116.0
201	87.5	94.6	141.8#

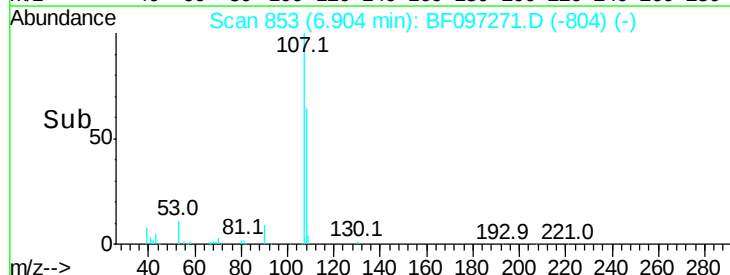
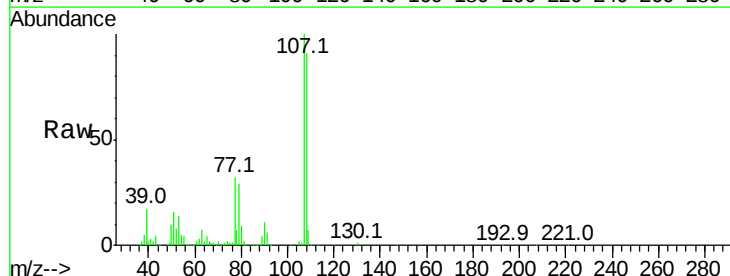
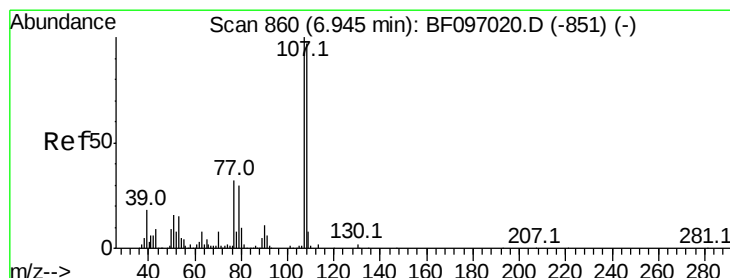
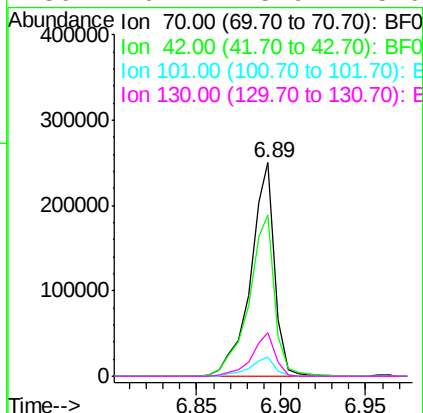




#19
n-Nitroso-di-n-propylamine
Concen: 35.841 ng
RT: 6.89 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF097271.D
Acq: 2 Aug 2017 14:05

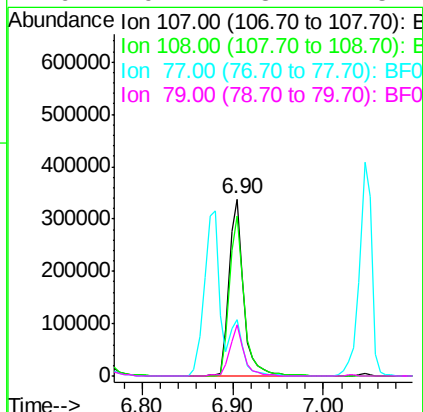
Instrument :
BNA_F
ClientSampleId :

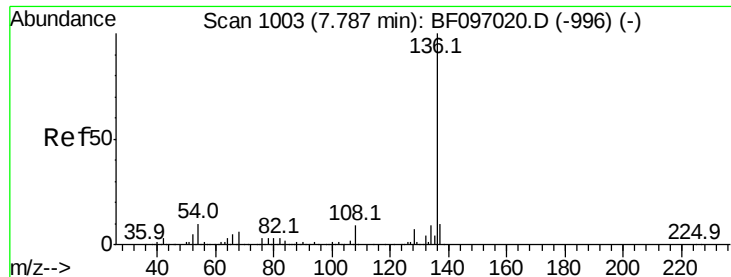
Tot Ion:	70	Resp:	249214
Ion	Ratio	Lower	Upper
70	100		
42	75.4	47.2	70.8#
101	9.2	7.2	10.8
130	20.2	15.9	23.9



#20
3+4-Methylphenols
Concen: 37.397 ng
RT: 6.90 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF097271.D
Acq: 2 Aug 2017 14:05

Tgt Ion:	107	Resp:	372986
Ion	Ratio	Lower	Upper
107	100		
108	90.9	71.0	111.0
77	31.8	90.5	130.5#
79	29.2	8.4	48.4

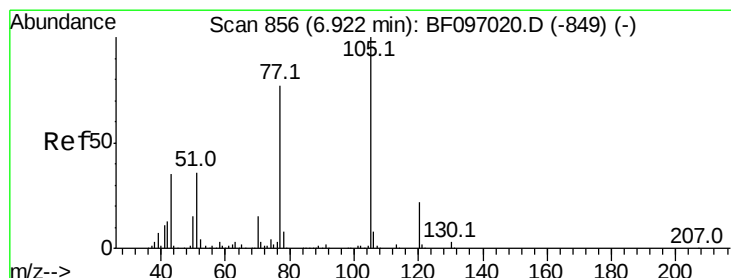
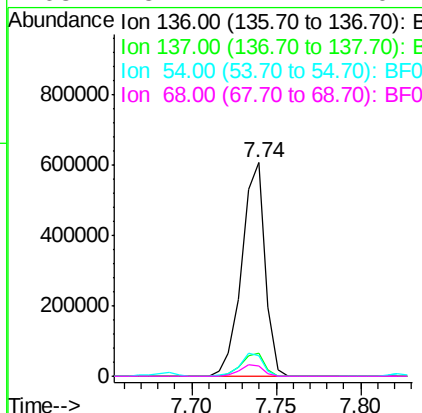
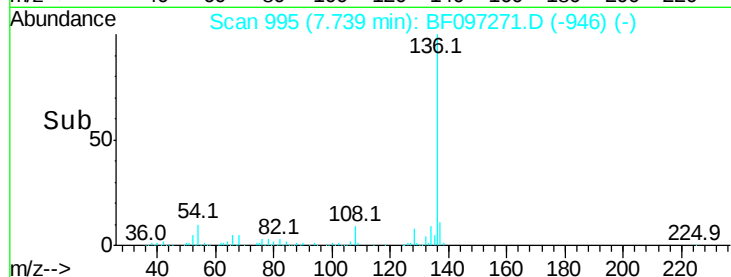
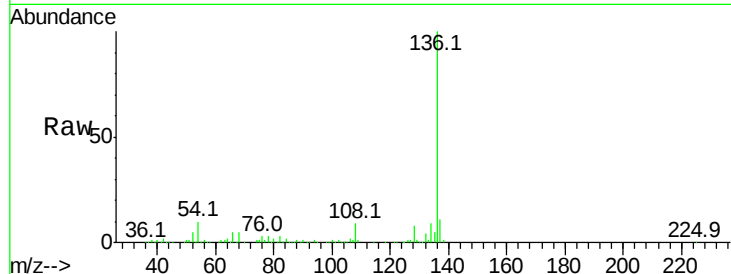




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.74 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF097271.D
Acq: 2 Aug 2017 14:05

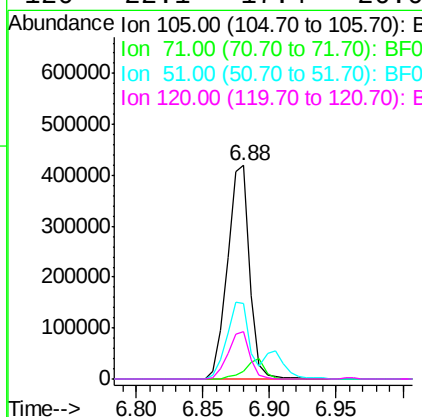
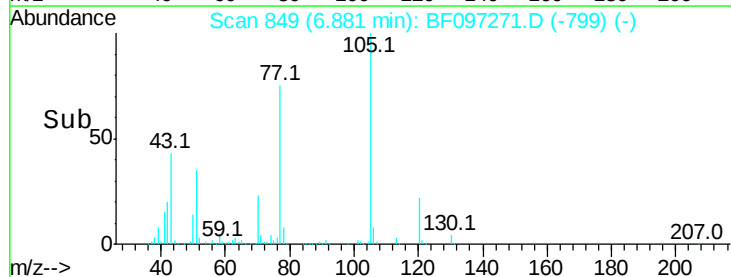
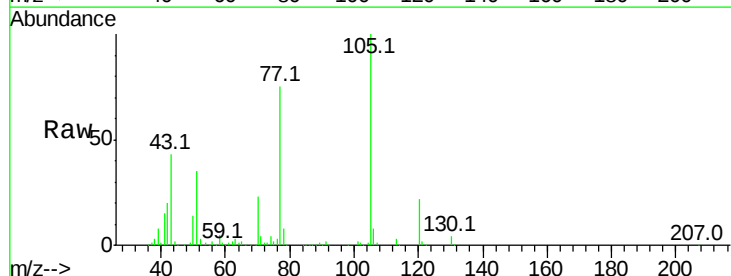
Instrument :
BNA_F
ClientSampleId :

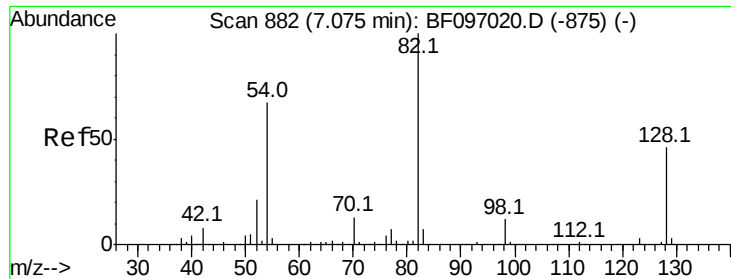
Tot Ion:136	Resp: 584342
Ion Ratio	Lower Upper
136 100	
137 10.8	8.5 12.7
54 9.8	4.9 7.3#
68 5.1	4.1 6.1



#22
Acetophenone
Concen: 35.041 ng
RT: 6.88 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF097271.D
Acq: 2 Aug 2017 14:05

Tgt Ion:105	Resp: 491726
Ion Ratio	Lower Upper
105 100	
71 3.7	2.8 4.2
51 35.2	30.7 46.1
120 22.1	17.4 26.0

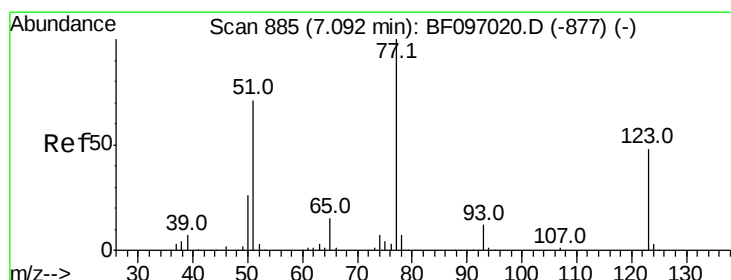
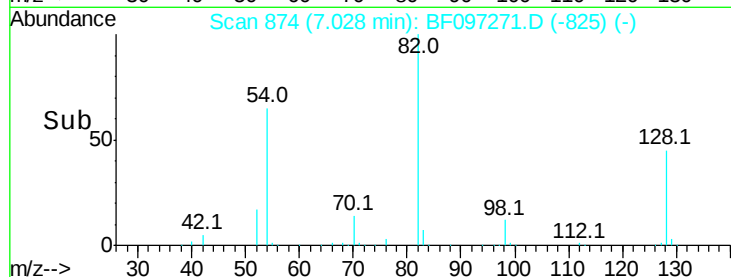
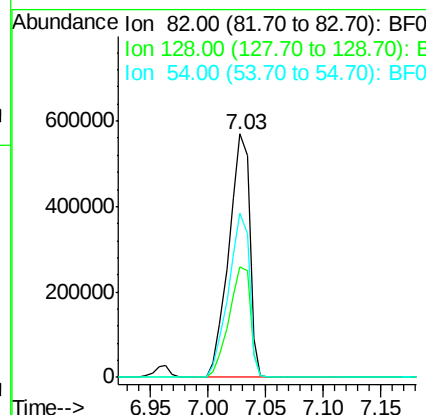
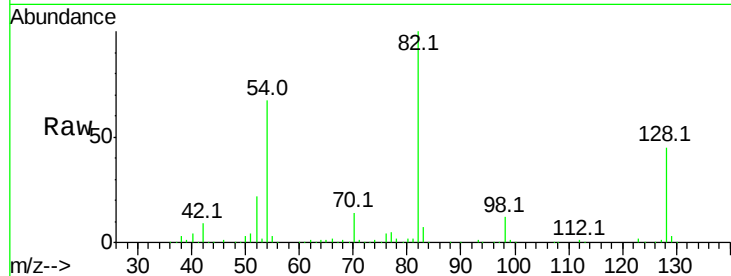




#23
 Nitrobenzene-d5
 Concen: 71.754 ng
 RT: 7.03 min Scan# 874
 Delta R.T. -0.01 min
 Lab File: BF097271.D
 Acq: 2 Aug 2017 14:05

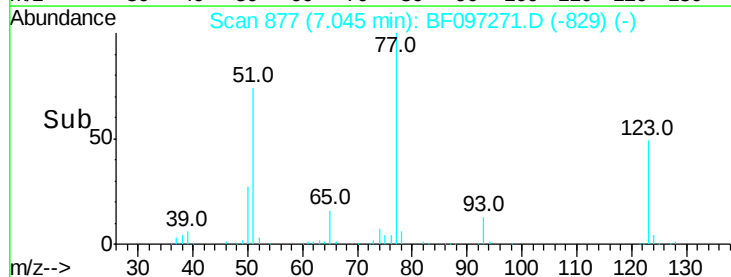
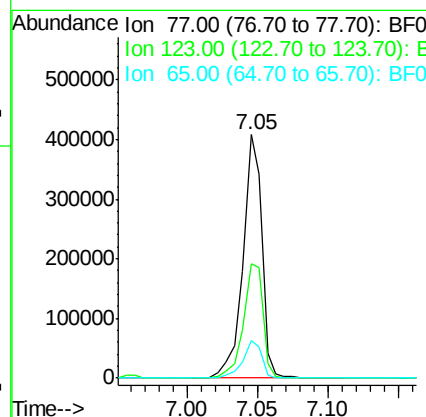
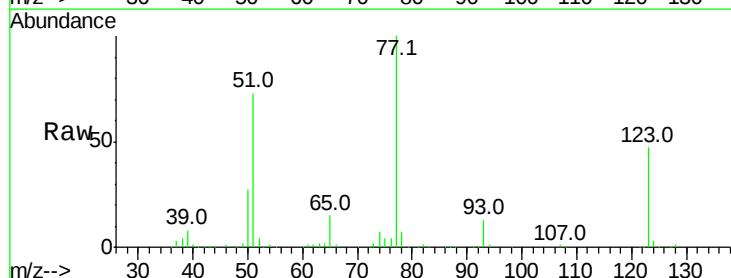
Instrument :
 BNA_F
 ClientSampleId :

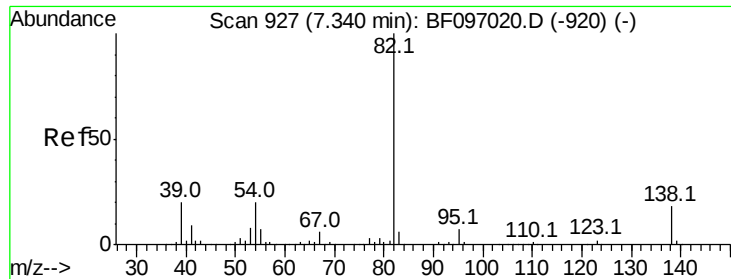
Tot Ion: 82 Resp: 714727
 Ion Ratio Lower Upper
 82 100
 128 45.3 34.0 51.0
 54 67.5 42.2 63.2#



#24
 Nitrobenzene
 Concen: 36.499 ng
 RT: 7.05 min Scan# 877
 Delta R.T. -0.02 min
 Lab File: BF097271.D
 Acq: 2 Aug 2017 14:05

Tgt Ion: 77 Resp: 378644
 Ion Ratio Lower Upper
 77 100
 123 47.1 35.8 53.8
 65 15.4 10.6 15.8





#25

Isophorone

Concen: 39.648 ng

RT: 7.29 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF097271.D

Acq: 2 Aug 2017 14:05

Instrument :

BNA_F

ClientSampleId :

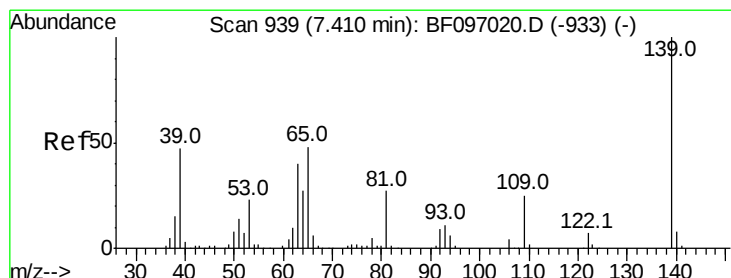
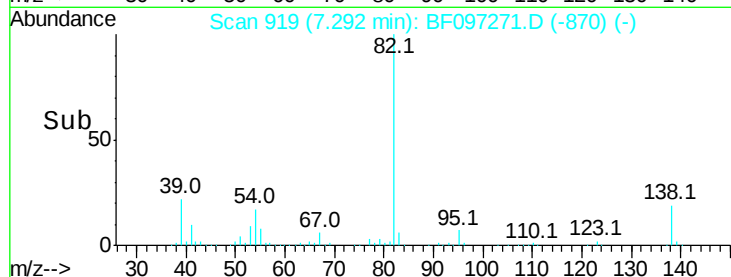
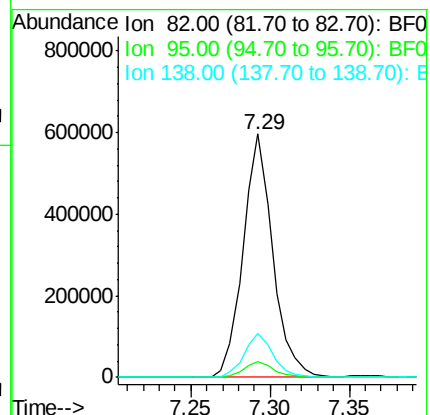
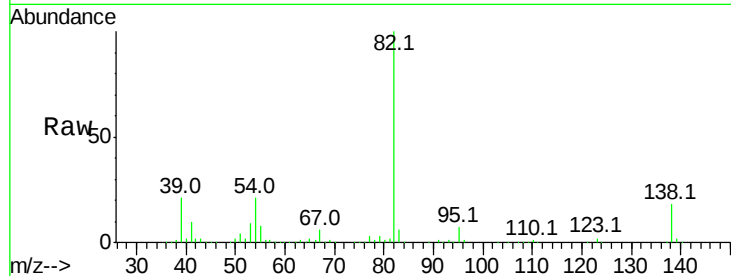
Tot Ion: 82 Resp: 773412

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 17.8 13.1 19.7



#26

2-Nitrophenol

Concen: 39.106 ng

RT: 7.36 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF097271.D

Acq: 2 Aug 2017 14:05

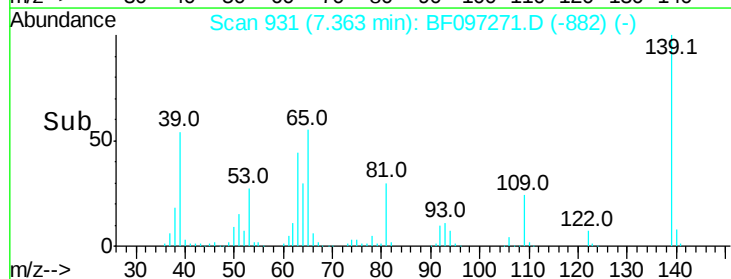
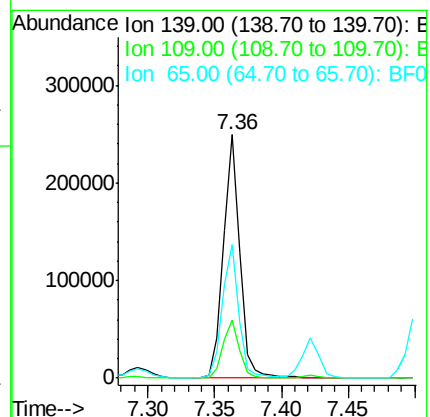
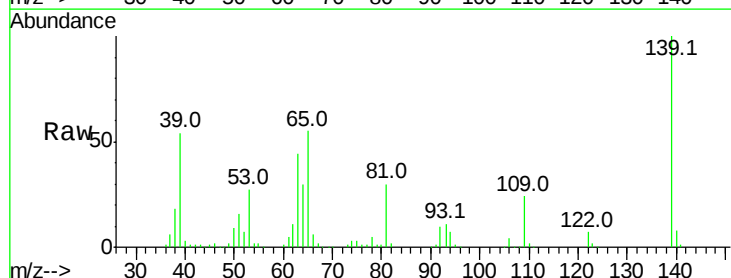
Tgt Ion: 139 Resp: 219482

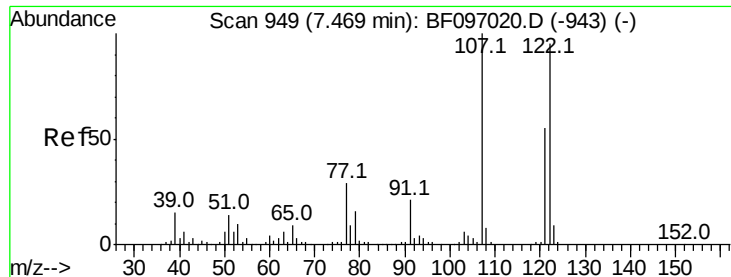
Ion Ratio Lower Upper

139 100

109 24.0 21.0 31.6

65 55.1 33.0 49.6#





#27

2,4-Dimethylphenol

Concen: 37.809 ng

RT: 7.42 min Scan# 941

Delta R.T. -0.02 min

Lab File: BF097271.D

Acq: 2 Aug 2017 14:05

Instrument :

BNA_F

ClientSampled :

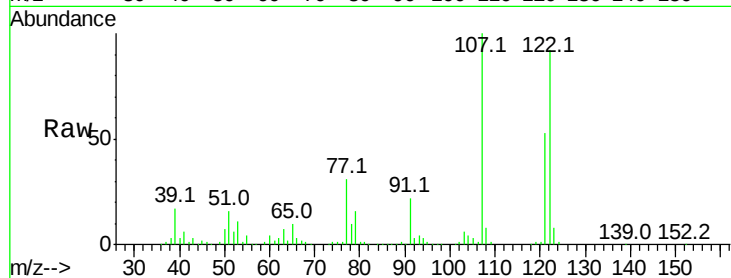
Tot Ion:122 Resp: 350049

Ion Ratio Lower Upper

122 100

107 109.1 89.2 133.8

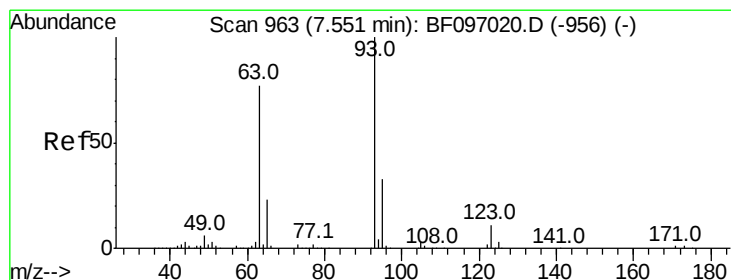
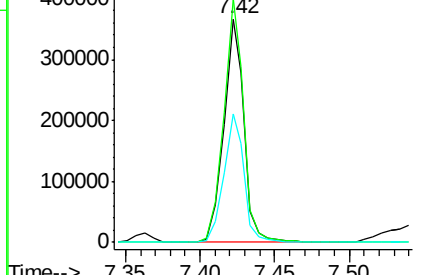
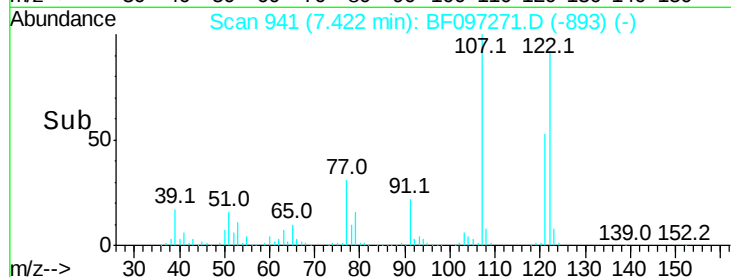
121 57.7 45.2 67.8



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: 39.264 ng

RT: 7.50 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF097271.D

Acq: 2 Aug 2017 14:05

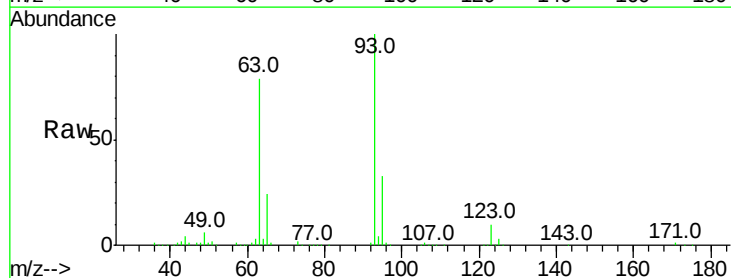
Tgt Ion: 93 Resp: 499827

Ion Ratio Lower Upper

93 100

95 32.7 26.5 39.7

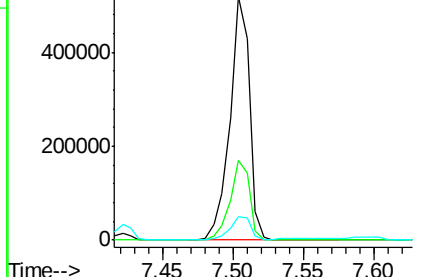
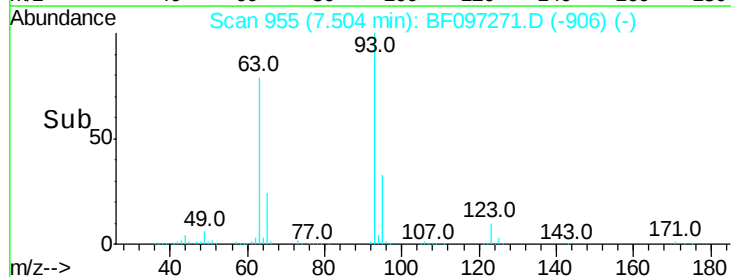
123 9.9 9.0 13.4

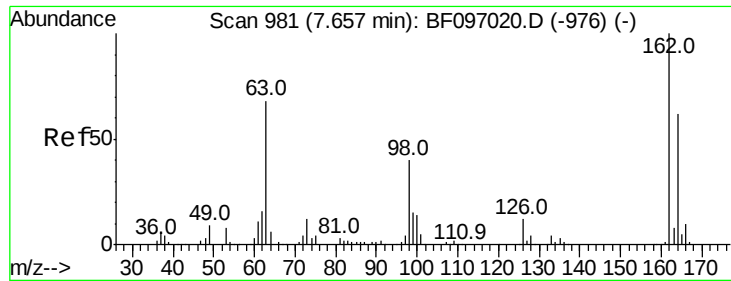


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

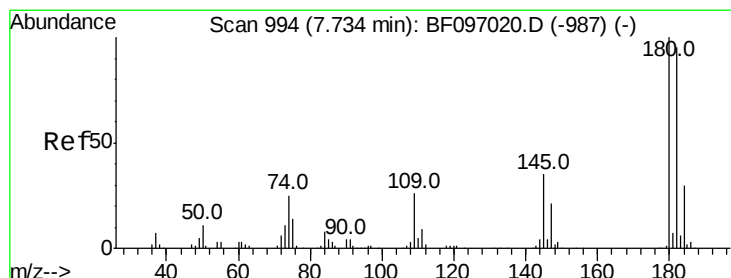
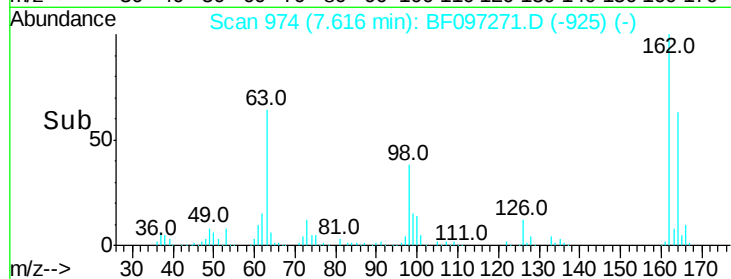
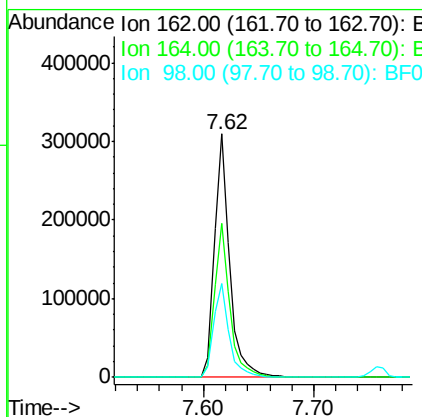
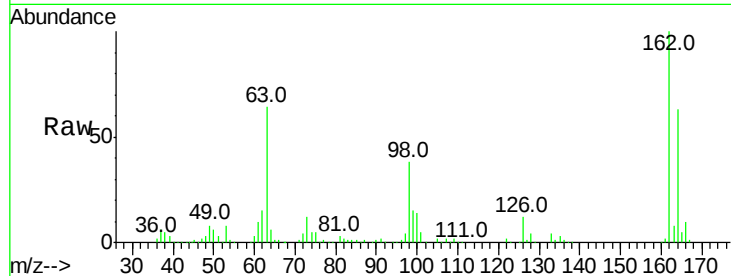




#29
 2,4-Dichlorophenol
 Concen: 36.629 ng
 RT: 7.62 min Scan# 974
 Delta R.T. -0.01 min
 Lab File: BF097271.D
 Acq: 2 Aug 2017 14:05

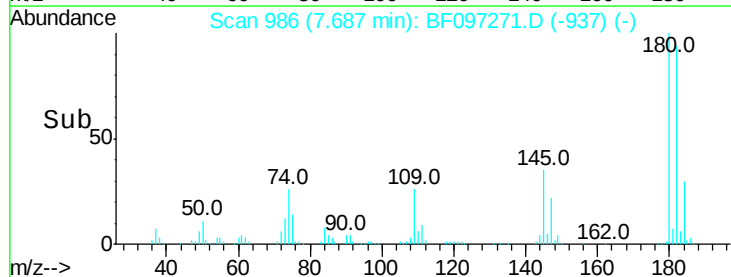
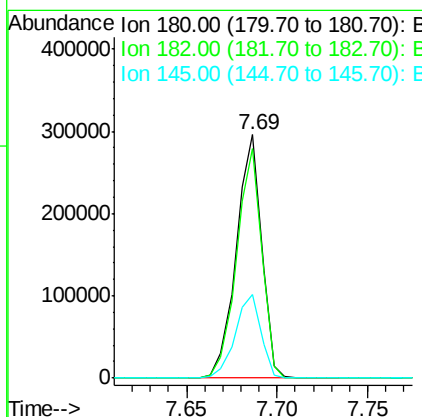
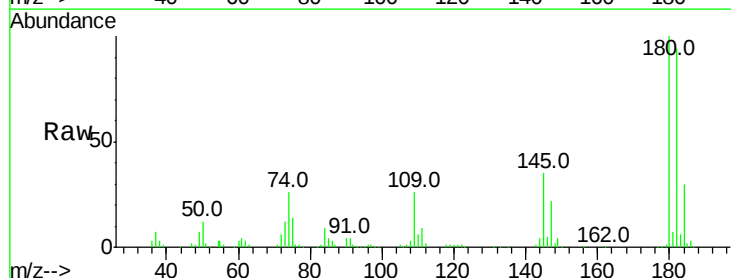
Instrument :
 BNA_F
 ClientSampleId :

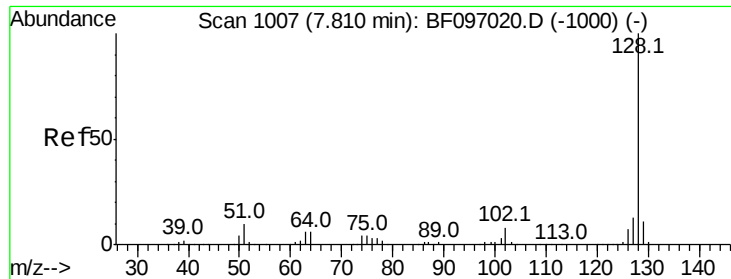
Tot Ion:	162	Resp:	292151
Ion Ratio	Lower	Upper	
162	100		
164	63.1	44.6	84.6
98	38.4	14.8	54.8



#30
 1,2,4-Trichlorobenzene
 Concen: 37.663 ng
 RT: 7.69 min Scan# 986
 Delta R.T. -0.01 min
 Lab File: BF097271.D
 Acq: 2 Aug 2017 14:05

Tgt Ion:	180	Resp:	286326
Ion Ratio	Lower	Upper	
180	100		
182	94.5	75.8	113.6
145	34.5	25.3	37.9

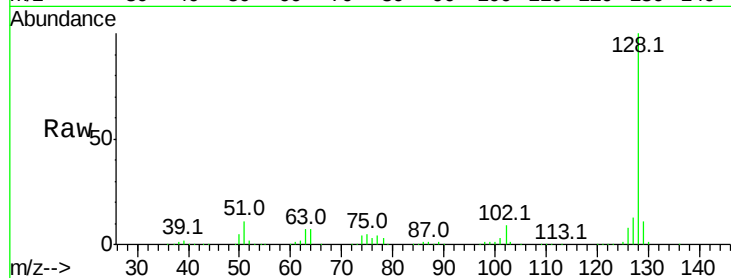




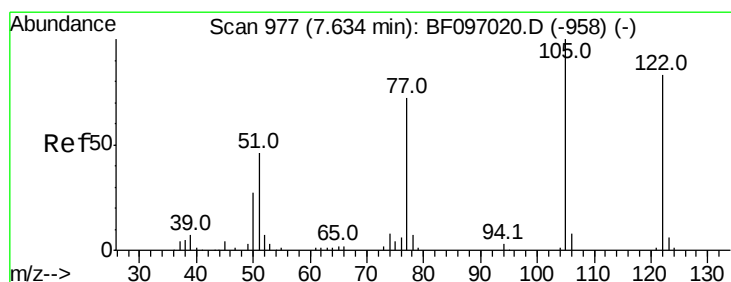
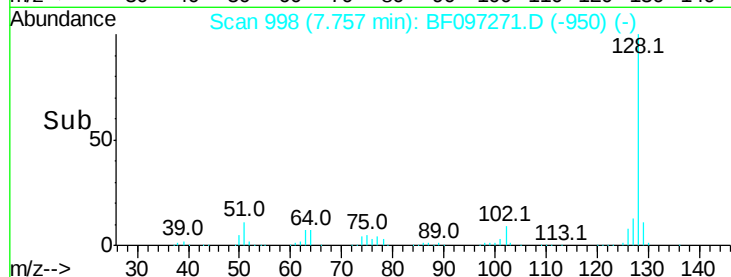
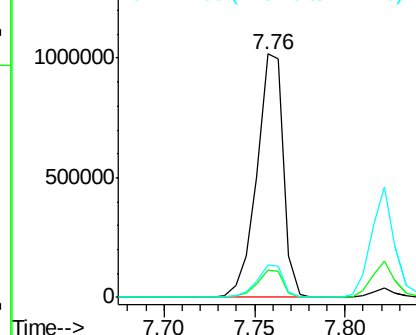
#31
Naphthalene
Concen: 37.663 ng
RT: 7.76 min Scan# 998
Delta R.T. -0.02 min
Lab File: BF097271.D
Acq: 2 Aug 2017 14:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1037430
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.4 10.8 16.2

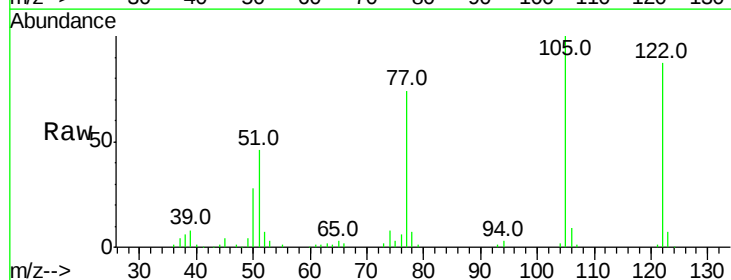


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

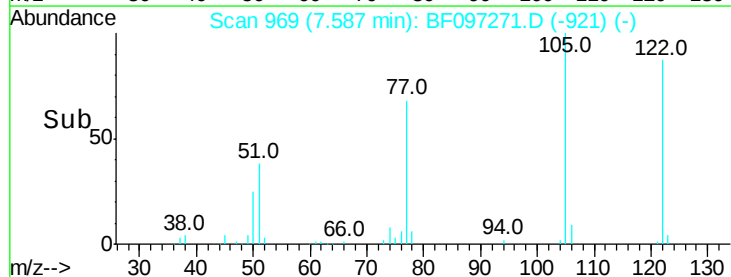
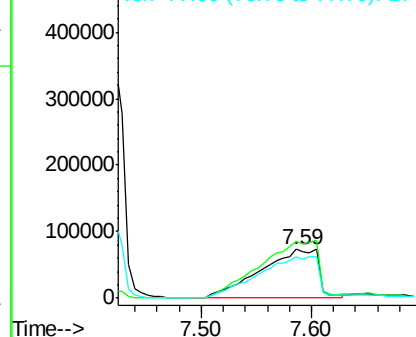


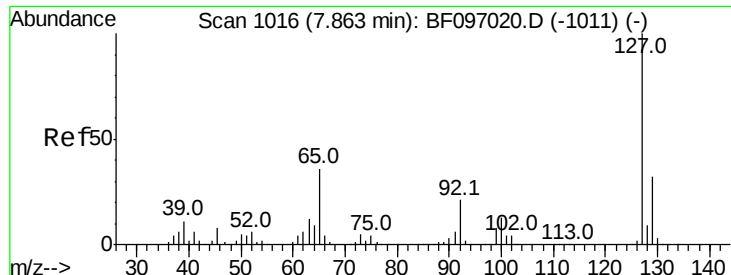
#32
Benzoic acid
Concen: 38.288 ng
RT: 7.59 min Scan# 969
Delta R.T. -0.02 min
Lab File: BF097271.D
Acq: 2 Aug 2017 14:05

Tgt Ion:122 Resp: 264701
Ion Ratio Lower Upper
122 100
105 115.2 103.3 143.3
77 85.5 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

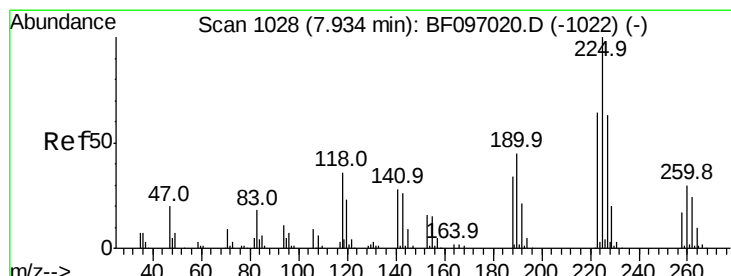
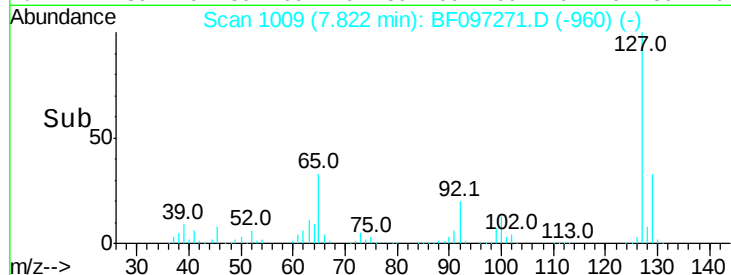
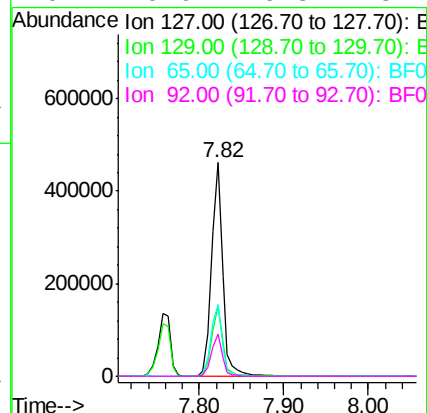
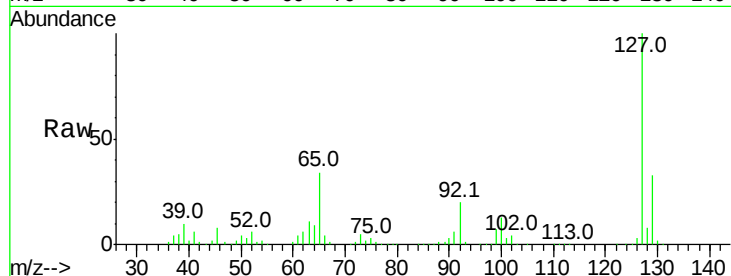




#33
4-Chloroaniline
Concen: 37.985 ng
RT: 7.82 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF097271.D
Acq: 2 Aug 2017 14:05

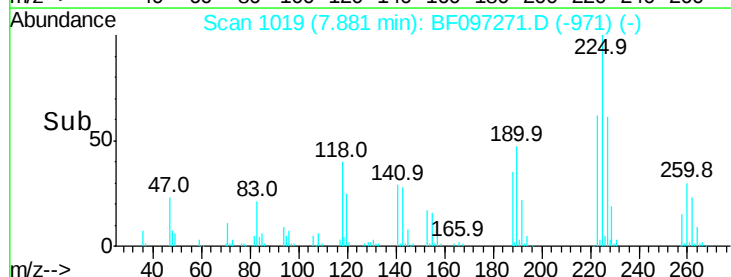
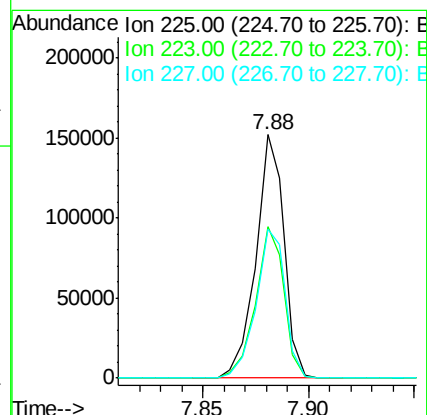
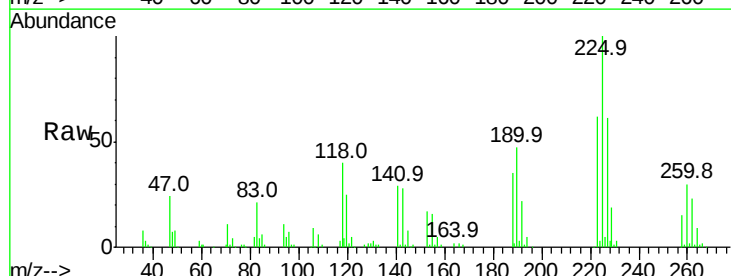
Instrument :
BNA_F
ClientSampleId :

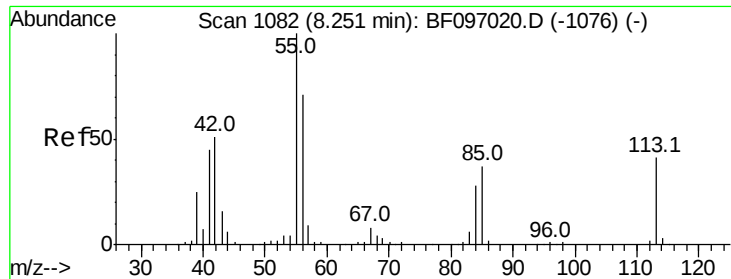
Tot Ion:	127	Resp:	425739
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.2	39.2
65	33.7	27.8	41.8
92	19.9	16.8	25.2



#34
Hexachlorobutadiene
Concen: 34.958 ng
RT: 7.88 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BF097271.D
Acq: 2 Aug 2017 14:05

Tgt Ion:	225	Resp:	140893
Ion	Ratio	Lower	Upper
225	100		
223	62.2	48.8	73.2
227	61.1	51.1	76.7

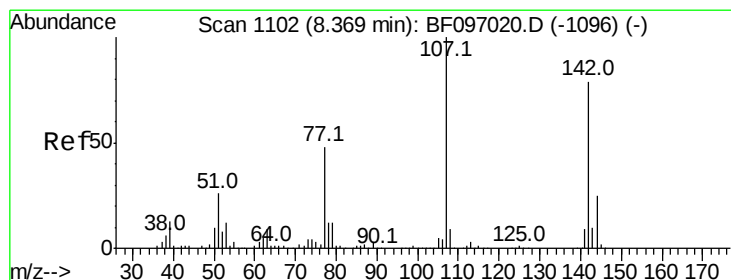
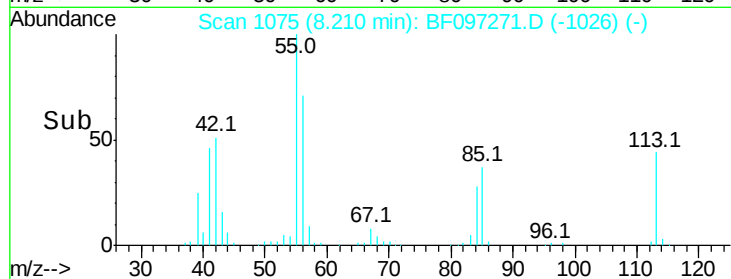
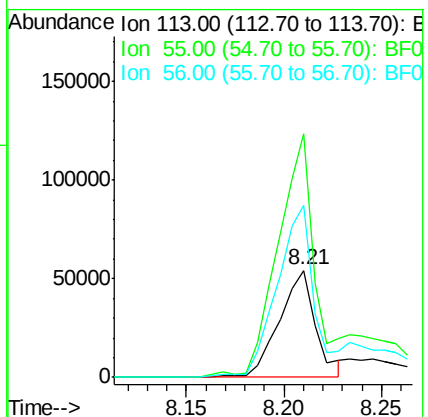
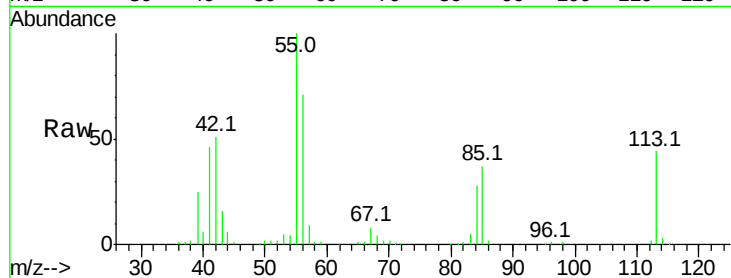




#35
 Caprolactam
 Concen: 27.338 ng
 RT: 8.21 min Scan# 1075
 Delta R.T. -0.01 min
 Lab File: BF097271.D
 Acq: 2 Aug 2017 14:05

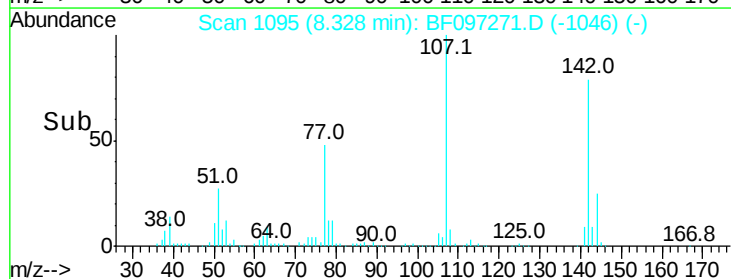
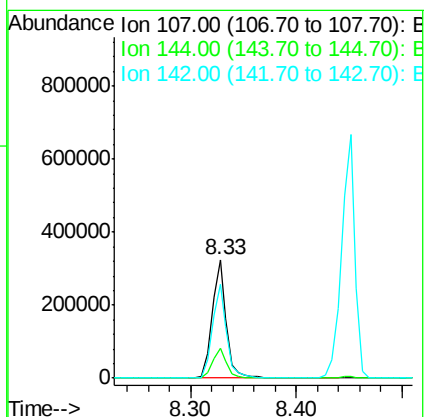
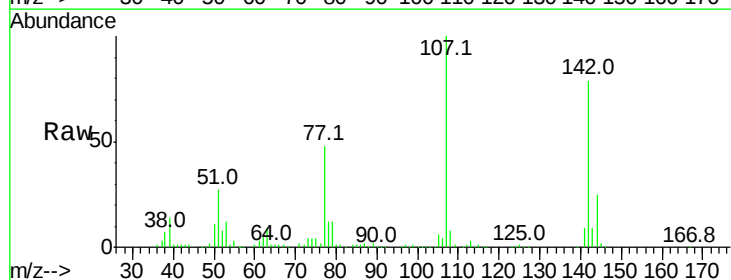
Instrument :
 BNA_F
 ClientSampleId :

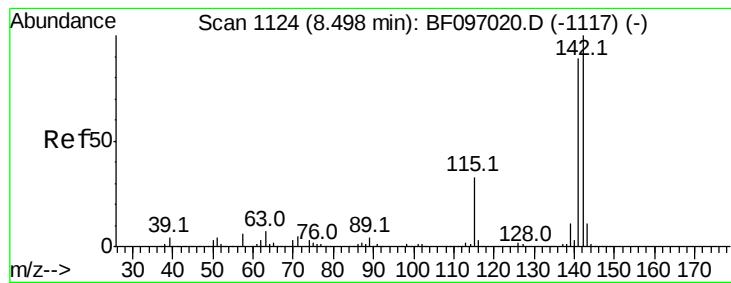
Tot Ion:113 Resp: 69918
 Ion Ratio Lower Upper
 113 100
 55 227.3 150.2 190.2#
 56 160.8 107.8 147.8#



#36
 4-Chloro-3-methylphenol
 Concen: 34.837 ng
 RT: 8.33 min Scan# 1095
 Delta R.T. -0.01 min
 Lab File: BF097271.D
 Acq: 2 Aug 2017 14:05

Tgt Ion:107 Resp: 303136
 Ion Ratio Lower Upper
 107 100
 144 25.4 24.2 36.4
 142 79.0 73.4 110.0





#37

2-Methylnaphthalene

Concen: 34.085 ng

RT: 8.45 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BF097271.D

Acq: 2 Aug 2017 14:05

Instrument :

BNA_F

ClientSampleId :

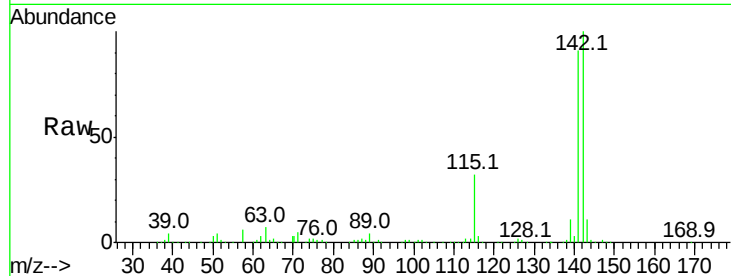
Tot Ion:142 Resp: 594452

Ion Ratio Lower Upper

142 100

141 90.5 71.3 106.9

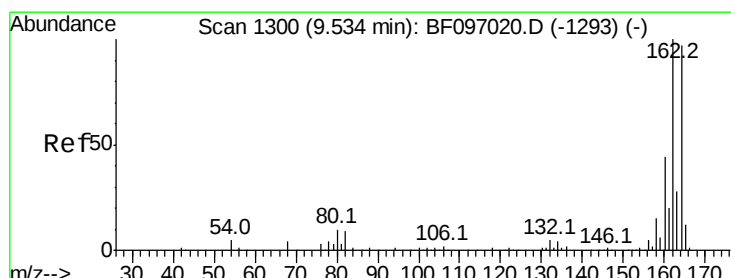
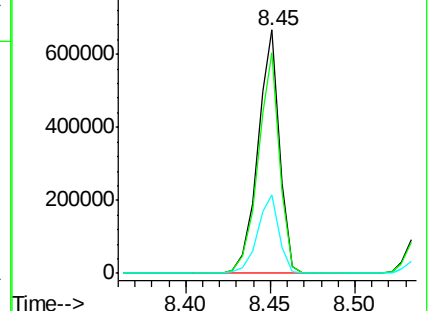
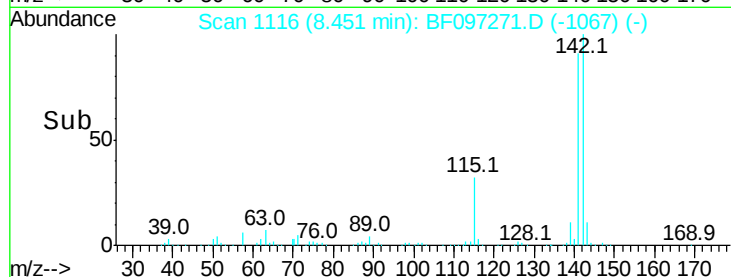
115 32.4 27.1 40.7



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: 20.000 ng

RT: 9.48 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BF097271.D

Acq: 2 Aug 2017 14:05

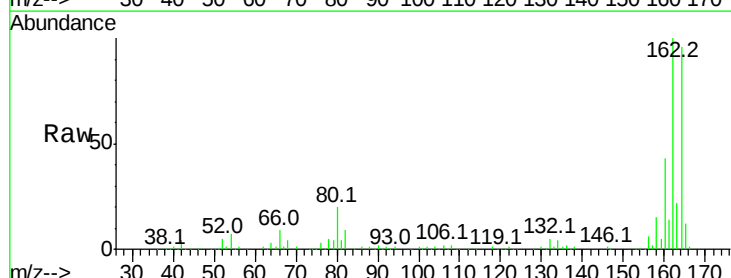
Tgt Ion:164 Resp: 232149

Ion Ratio Lower Upper

164 100

162 104.1 82.6 123.8

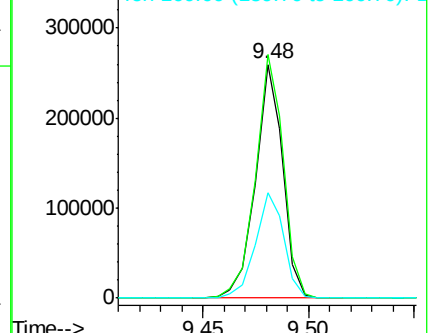
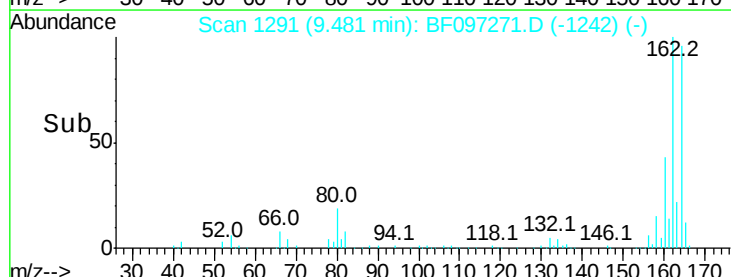
160 44.9 36.2 54.2

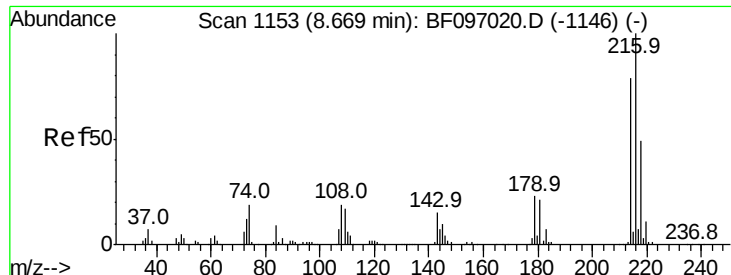


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

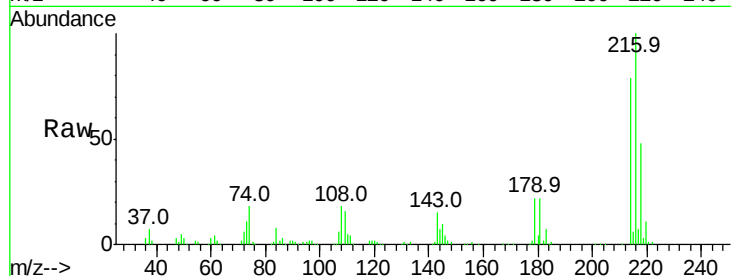




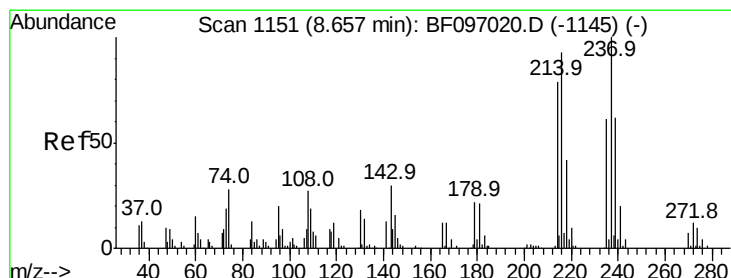
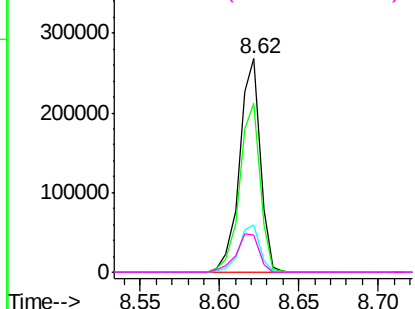
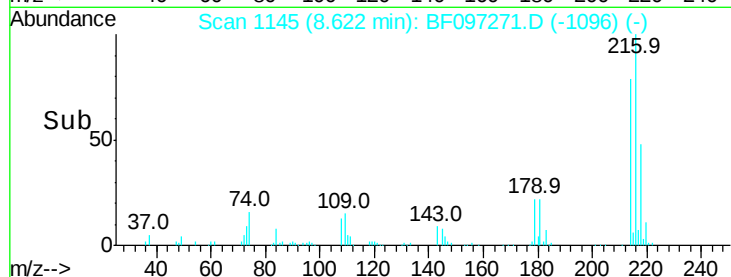
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.094 ng
 RT: 8.62 min Scan# 1145
 Delta R.T. -0.01 min
 Lab File: BF097271.D
 Acq: 2 Aug 2017 14:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	242160
Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.4	95.2
179	22.5	17.9	26.9
108	20.4	16.5	24.7

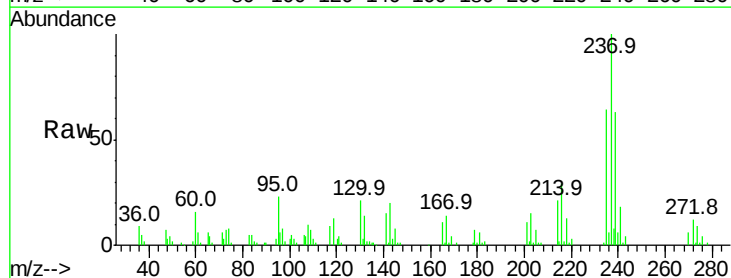


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

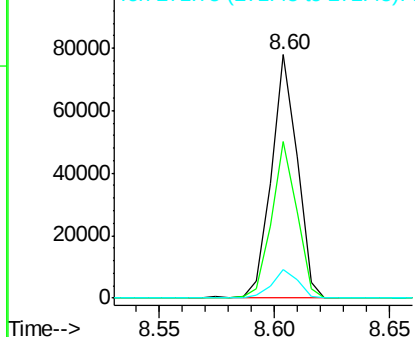
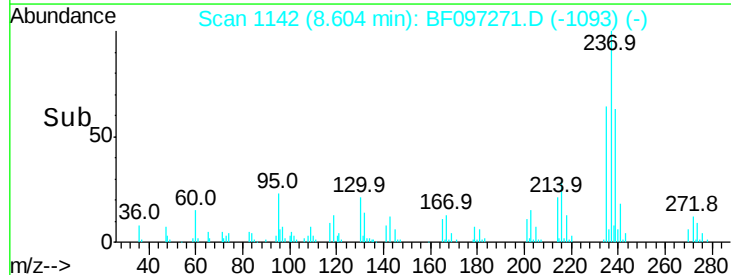


#40
 Hexachlorocyclopentadiene
 Concen: 32.237 ng
 RT: 8.60 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: BF097271.D
 Acq: 2 Aug 2017 14:05

Tgt Ion:	237	Resp:	60538
Ion	Ratio	Lower	Upper
237	100		
235	64.2	42.6	82.6
272	11.9	0.0	31.9



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

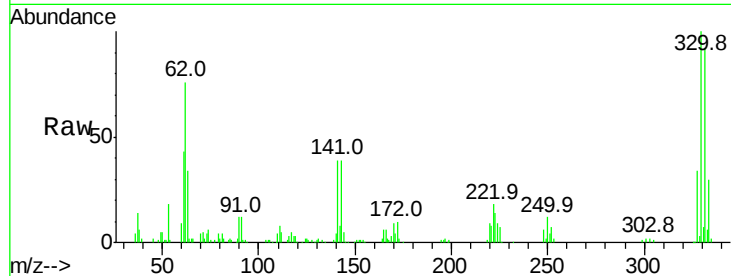




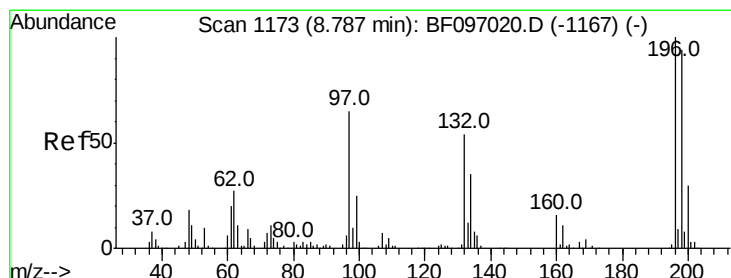
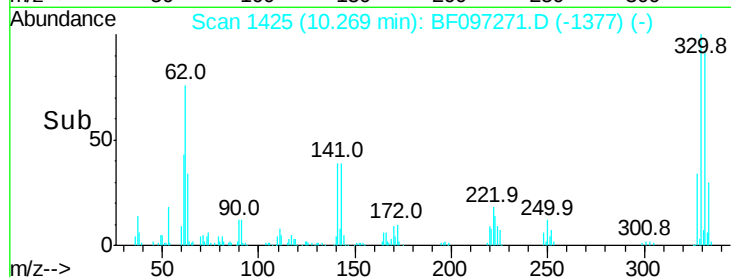
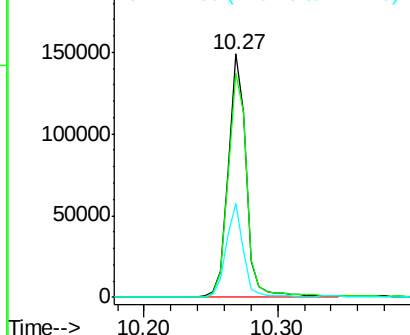
#41
 2,4,6-Tribromophenol
 Concen: 78.266 ng
 RT: 10.27 min Scan# 1425
 Delta R.T. -0.02 min
 Lab File: BF097271.D
 Acq: 2 Aug 2017 14:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	76.6	115.0
141	37.3	31.4	47.2

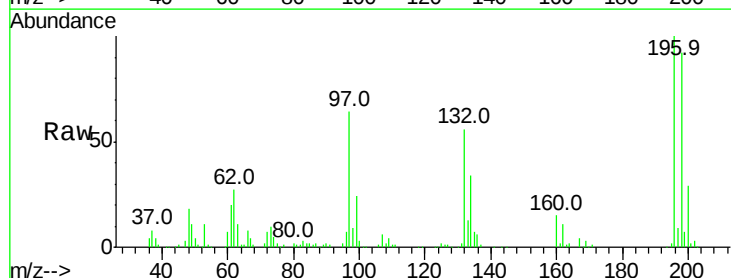


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

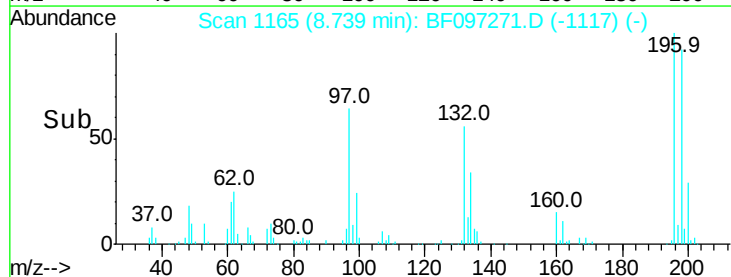
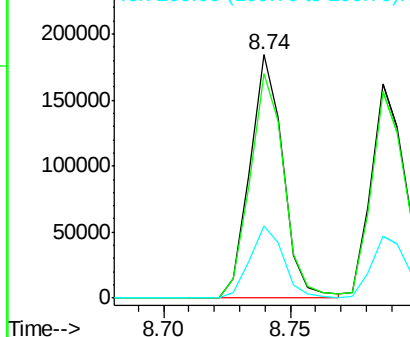


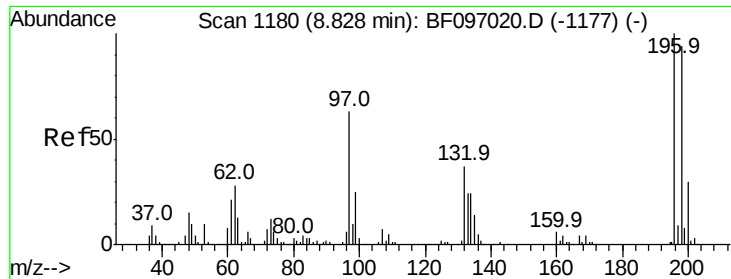
#42
 2,4,6-Trichlorophenol
 Concen: 37.576 ng
 RT: 8.74 min Scan# 1165
 Delta R.T. -0.02 min
 Lab File: BF097271.D
 Acq: 2 Aug 2017 14:05

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.1	74.2	111.4
200	29.5	24.0	36.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

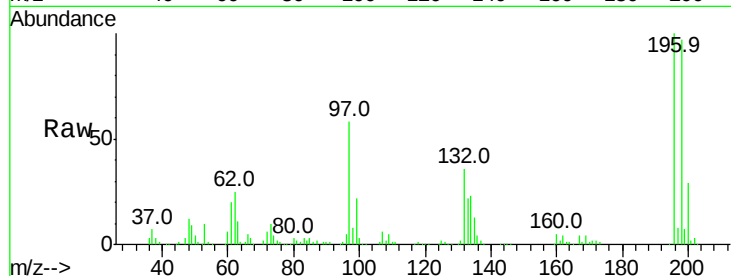




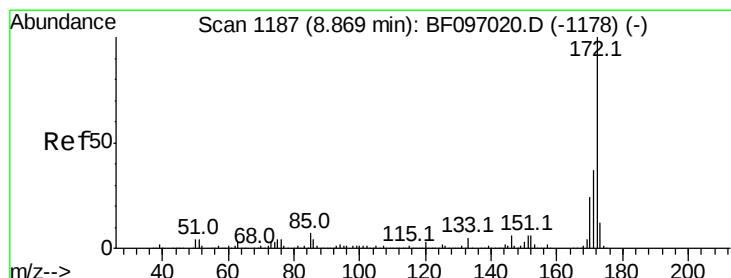
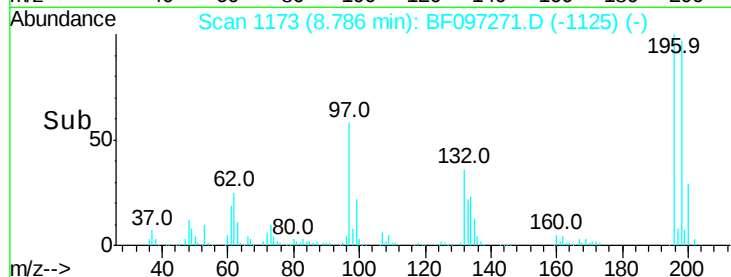
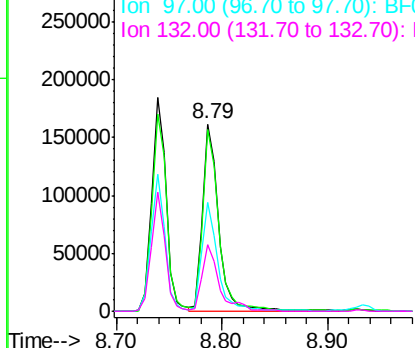
#43
 2,4,5-Trichlorophenol
 Concen: 37.542 ng
 RT: 8.79 min Scan# 1173
 Delta R.T. -0.02 min
 Lab File: BF097271.D
 Acq: 2 Aug 2017 14:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	168675
Ion	Ratio	Lower	Upper
196	100		
198	96.6	75.7	113.5
97	58.1	47.7	71.5
132	35.9	28.0	42.0

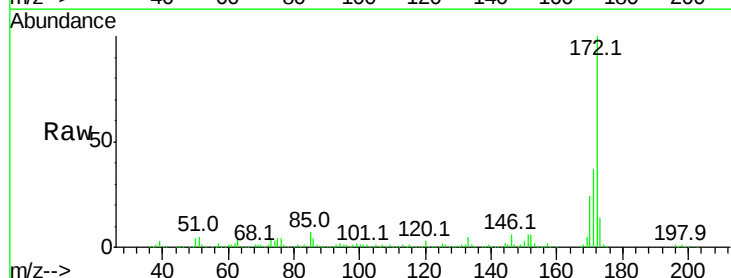


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

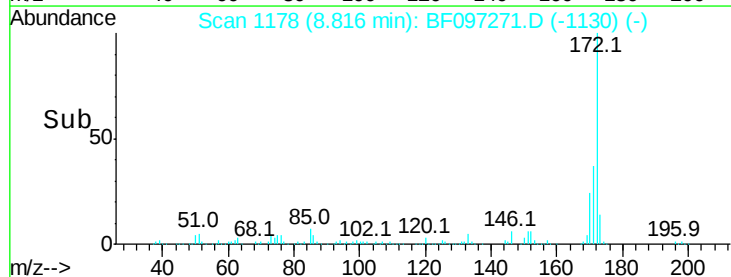
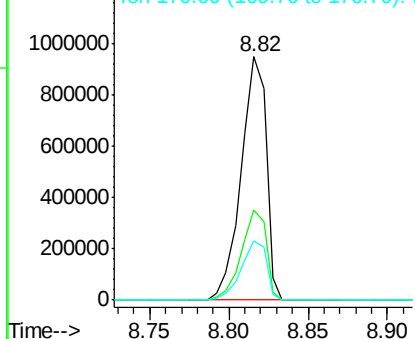


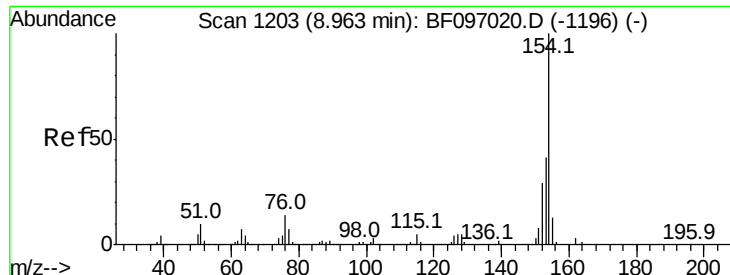
#44
 2-Fluorobiphenyl
 Concen: 76.063 ng
 RT: 8.82 min Scan# 1178
 Delta R.T. -0.02 min
 Lab File: BF097271.D
 Acq: 2 Aug 2017 14:05

Tgt Ion:	172	Resp:	1040484
Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.6	44.4
170	24.2	19.8	29.8



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: 37.561 ng

RT: 8.92 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF097271.D

Acq: 2 Aug 2017 14:05

Instrument :

BNA_F

ClientSampleId :

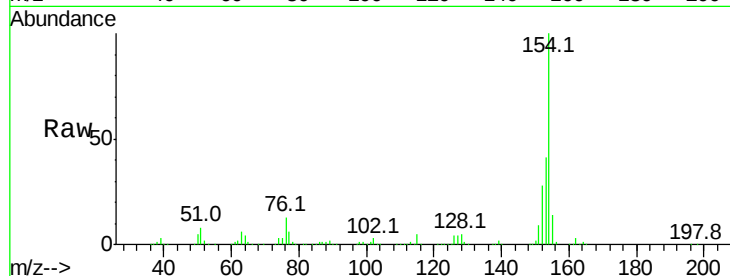
Tot Ion:154 Resp: 744781

Ion Ratio Lower Upper

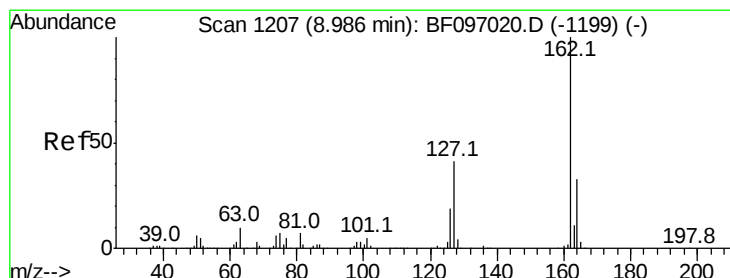
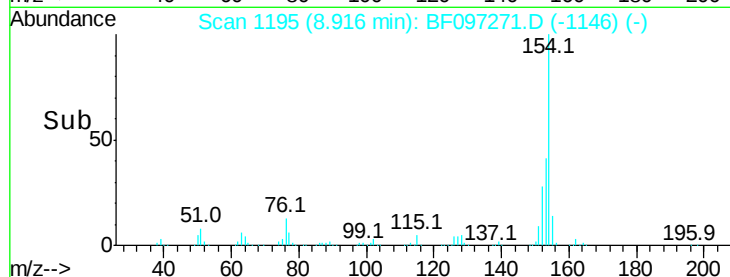
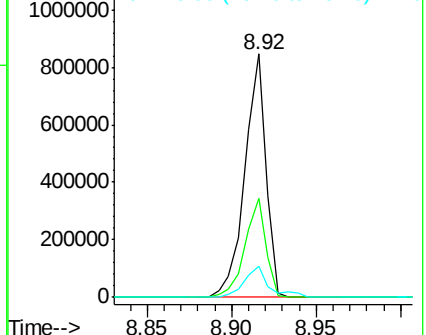
154 100

153 40.9 21.2 61.2

76 12.8 0.0 29.9



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: 38.929 ng

RT: 8.93 min Scan# 1198

Delta R.T. -0.02 min

Lab File: BF097271.D

Acq: 2 Aug 2017 14:05

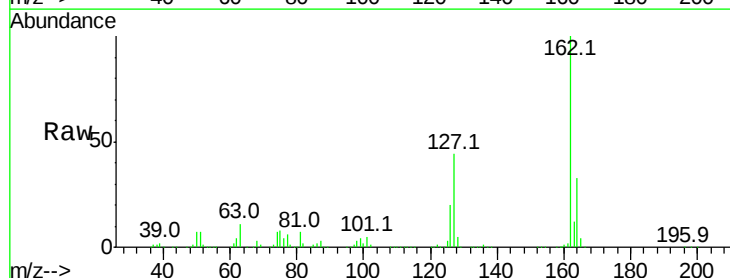
Tgt Ion:162 Resp: 568043

Ion Ratio Lower Upper

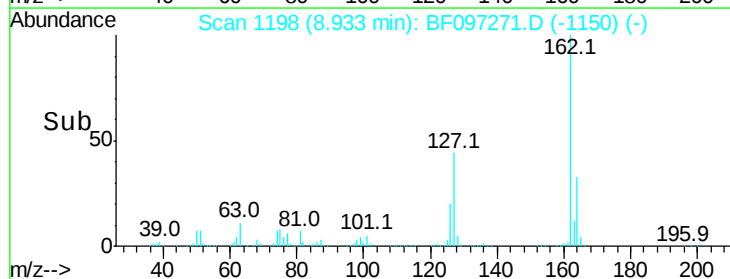
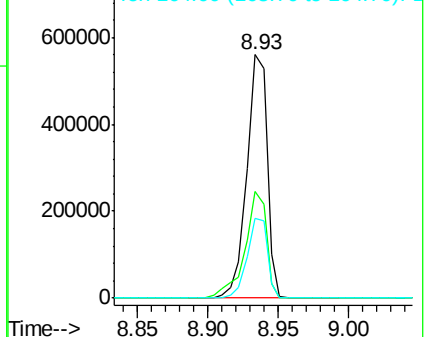
162 100

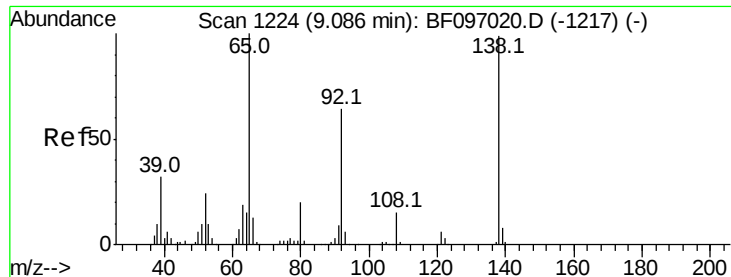
127 44.0 28.3 42.5#

164 32.5 27.0 40.4



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

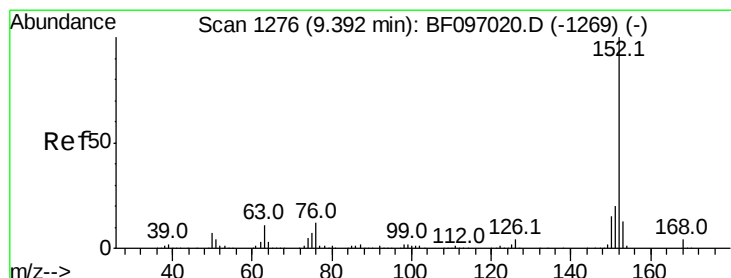
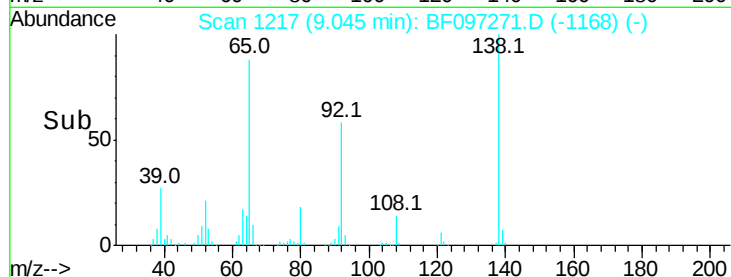
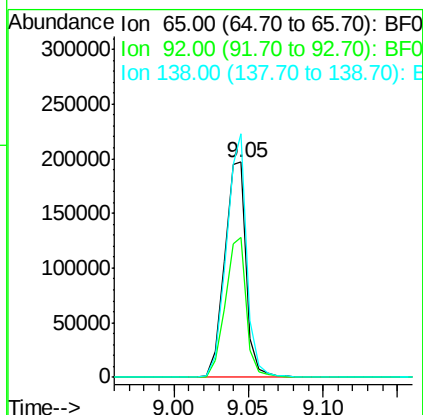
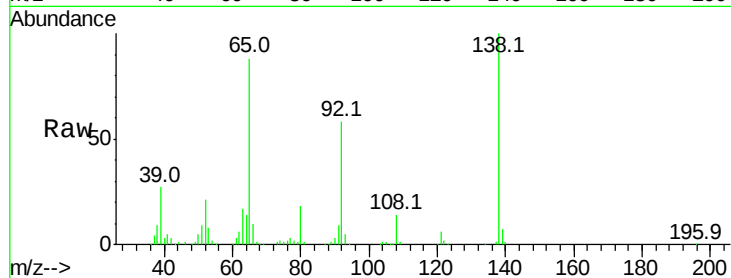




#47
2-Nitroaniline
Concen: 38.324 ng
RT: 9.05 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF097271.D
Acq: 2 Aug 2017 14:05

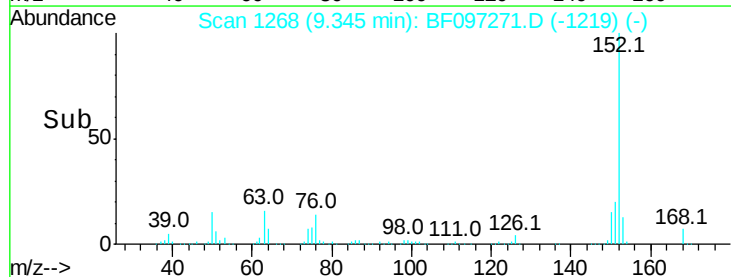
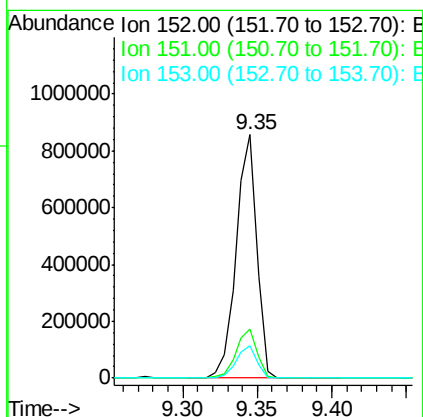
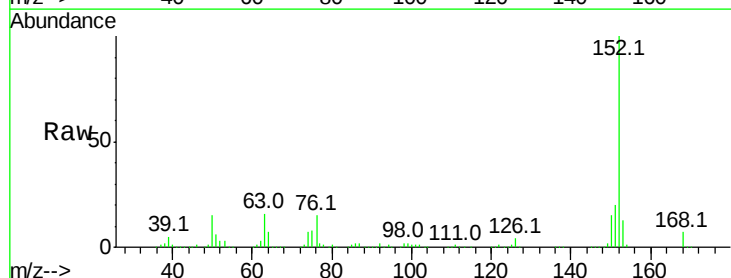
Instrument :
BNA_F
ClientSampled :

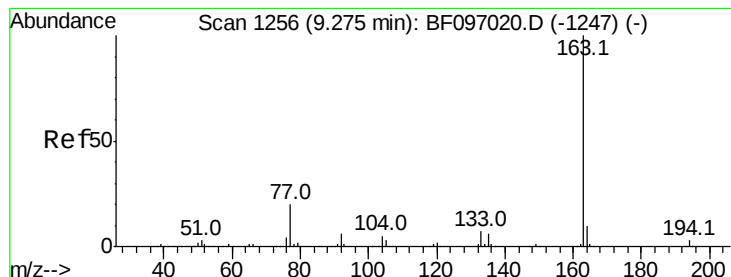
Tot Ion: 65 Resp: 202945
Ion Ratio Lower Upper
65 100
92 65.1 53.9 80.9
138 113.0 78.8 118.2



#48
Acenaphthylene
Concen: 37.117 ng
RT: 9.35 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF097271.D
Acq: 2 Aug 2017 14:05

Tgt Ion: 152 Resp: 831315
Ion Ratio Lower Upper
152 100
151 20.3 16.8 25.2
153 13.2 10.8 16.2





#49

Dimethylphthalate

Concen: 38.188 ng

RT: 9.23 min Scan# 1248

Delta R.T. -0.01 min

Lab File: BF097271.D

Acq: 2 Aug 2017 14:05

Instrument :

BNA_F

ClientSampleId :

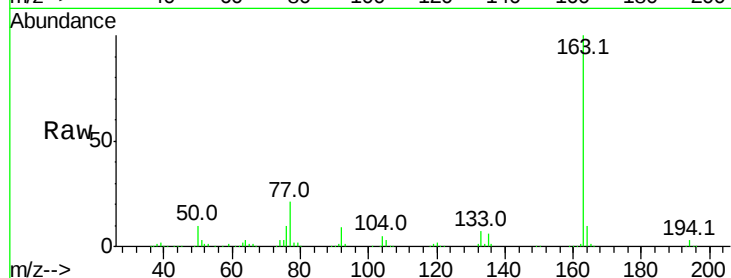
Tot Ion:163 Resp: 673214

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

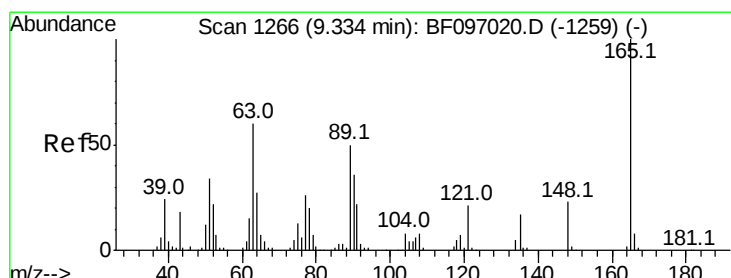
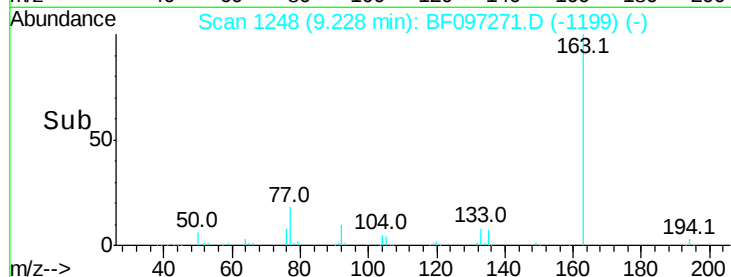
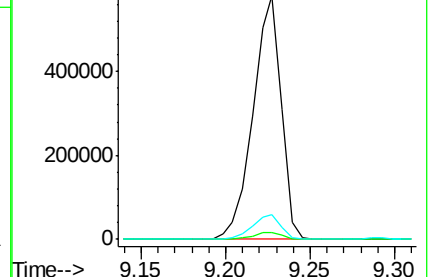
164 10.0 8.4 12.6



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: 38.819 ng

RT: 9.29 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BF097271.D

Acq: 2 Aug 2017 14:05

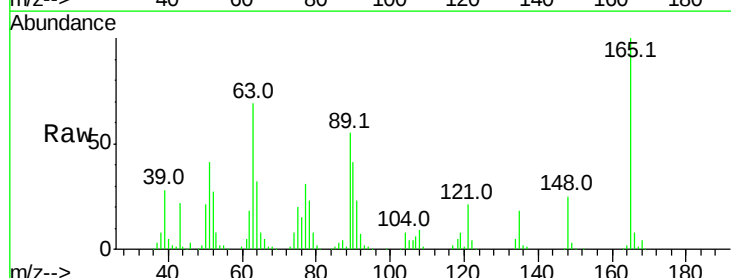
Tgt Ion:165 Resp: 145143

Ion Ratio Lower Upper

165 100

63 69.1 34.3 51.5#

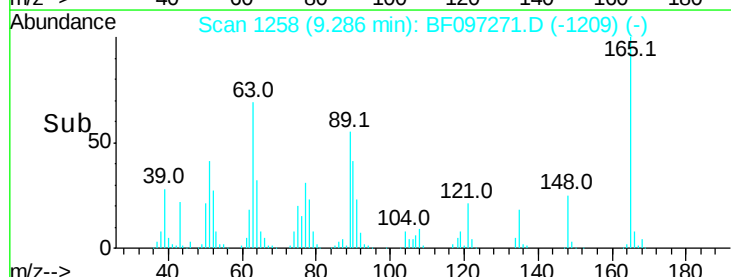
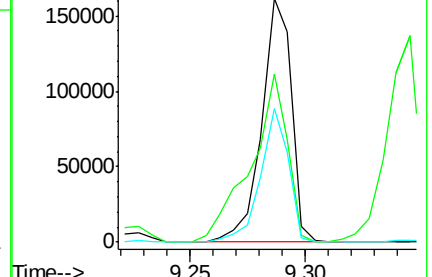
89 55.1 37.1 55.7

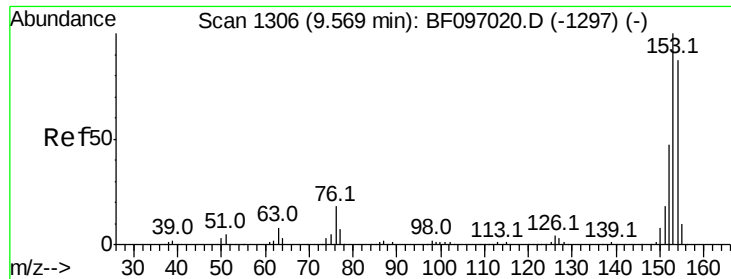


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

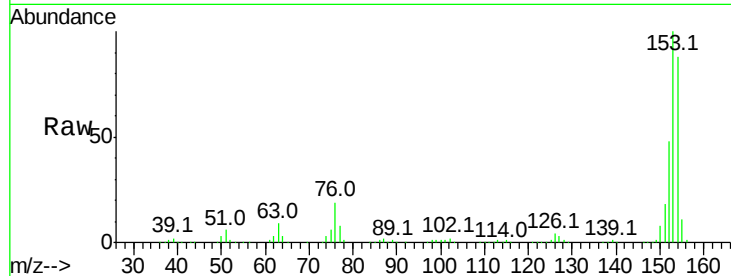




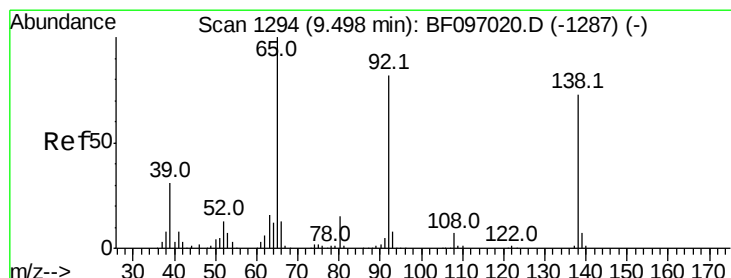
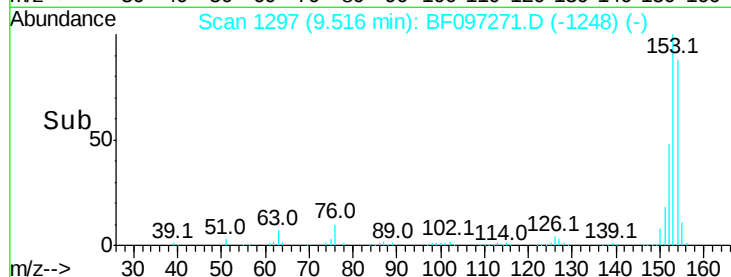
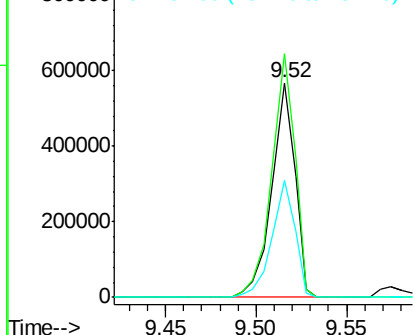
#51
Acenaphthene
Concen: 38.275 ng
RT: 9.52 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF097271.D
Acq: 2 Aug 2017 14:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 504955
Ion Ratio Lower Upper
154 100
153 113.6 90.5 135.7
152 54.8 43.6 65.4

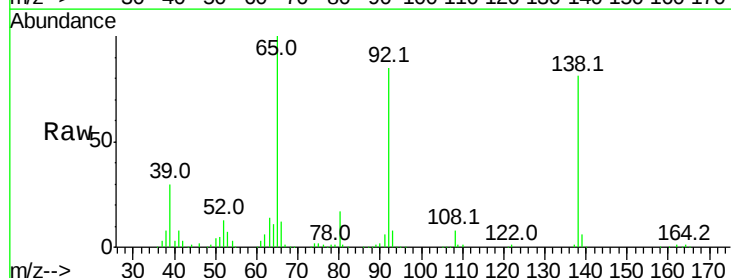


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

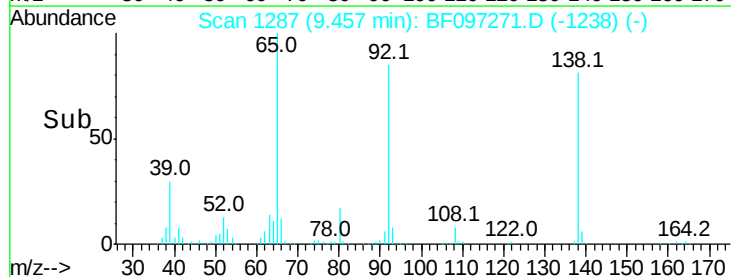
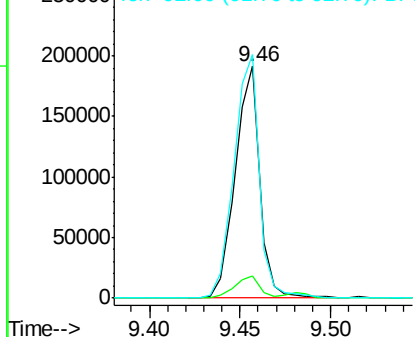


#52
3-Nitroaniline
Concen: 38.819 ng
RT: 9.46 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF097271.D
Acq: 2 Aug 2017 14:05

Tgt Ion:138 Resp: 180158
Ion Ratio Lower Upper
138 100
108 9.4 9.1 13.7
92 105.0 93.8 140.6



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

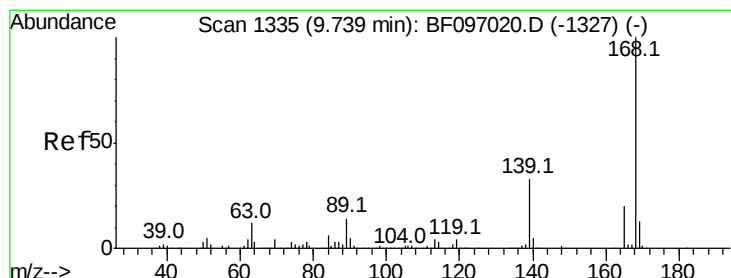
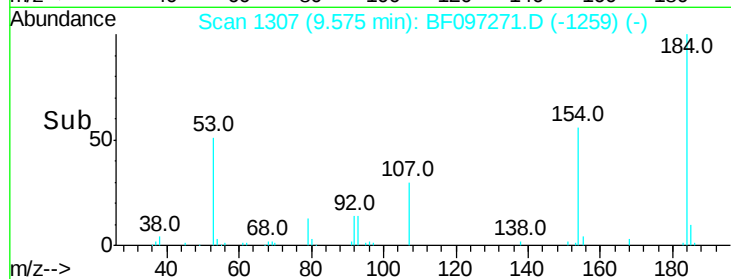
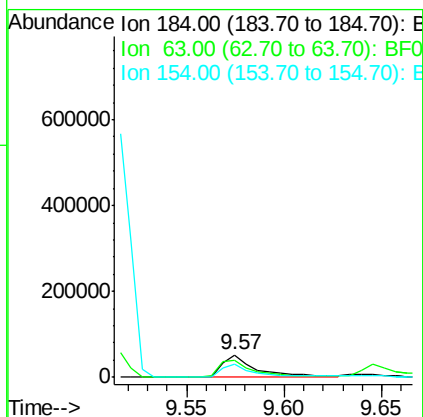
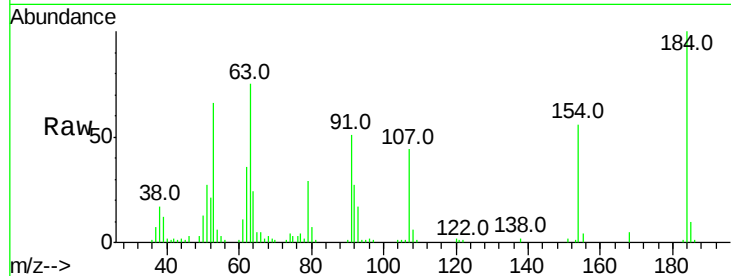




#53
2,4-Dinitrophenol
Concen: 38.149 ng
RT: 9.57 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BF097271.D
Acq: 2 Aug 2017 14:05

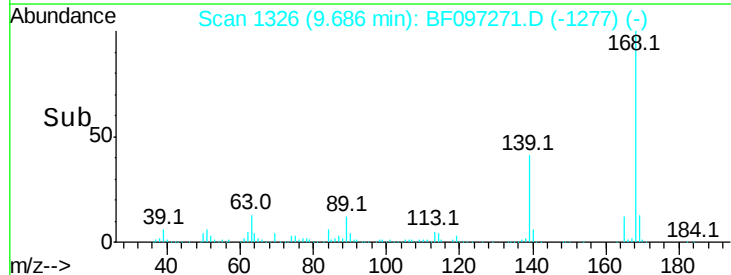
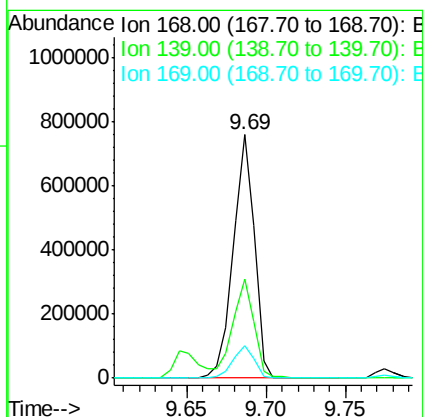
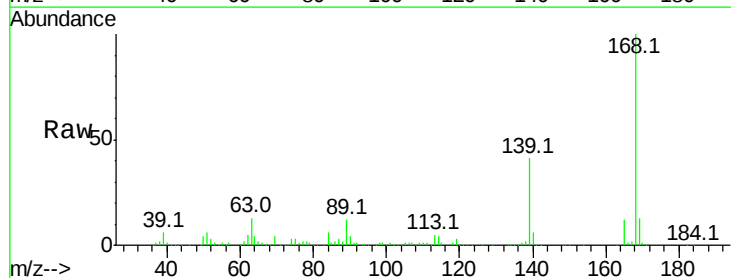
Instrument :
BNA_F
ClientSampleId :

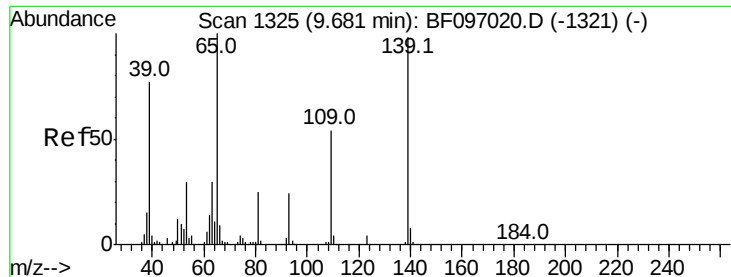
Tot Ion:184 Resp: 64855
Ion Ratio Lower Upper
184 100
63 75.4 62.7 94.1
154 56.4 81.1 121.7#



#54
Dibenzofuran
Concen: 40.001 ng
RT: 9.69 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF097271.D
Acq: 2 Aug 2017 14:05

Tgt Ion:168 Resp: 702917
Ion Ratio Lower Upper
168 100
139 40.7 30.6 45.8
169 13.4 10.8 16.2

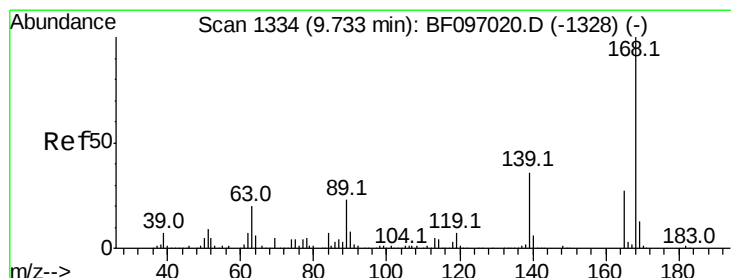
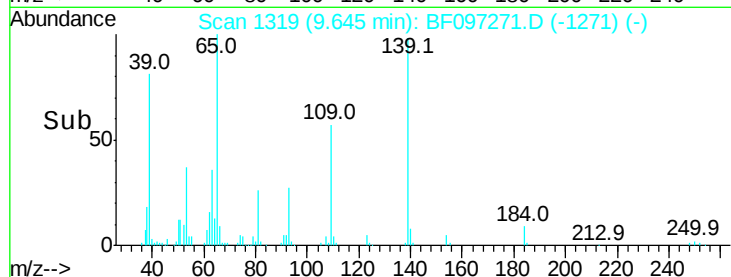
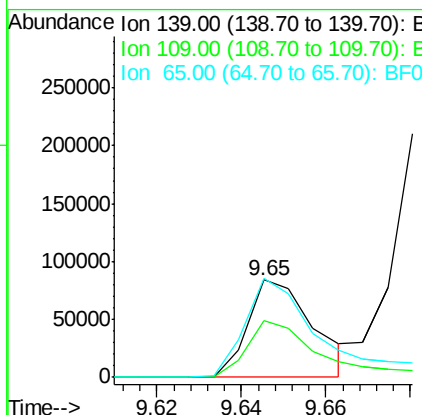
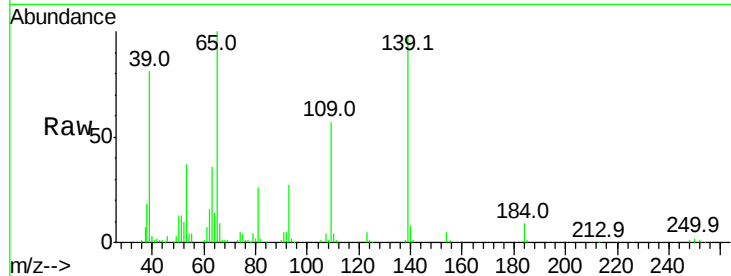




#55
4-Nitrophenol
Concen: 32.570 ng
RT: 9.65 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BF097271.D
Acq: 2 Aug 2017 14:05

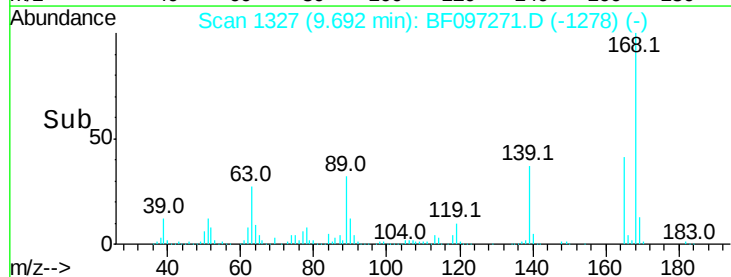
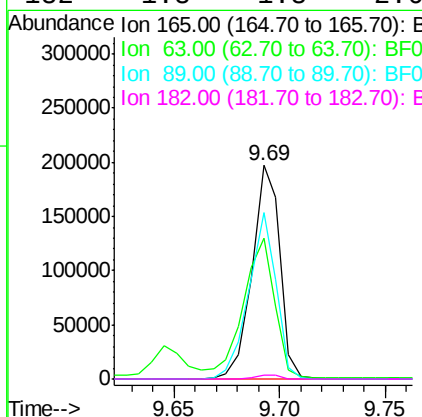
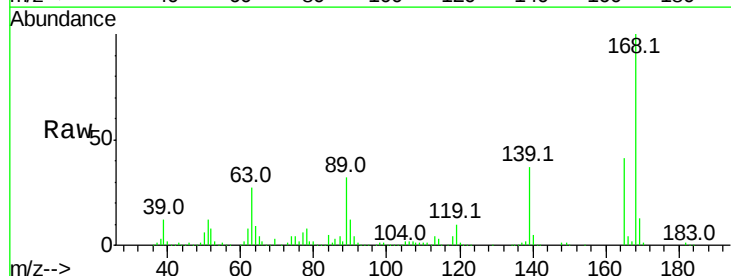
Instrument :
BNA_F
ClientSampleId :

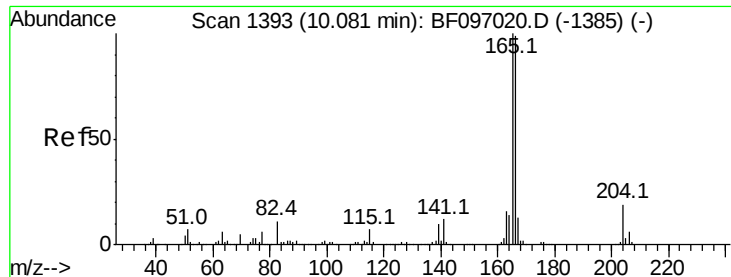
Tot Ion:139 Resp: 89891
Ion Ratio Lower Upper
139 100
109 57.7 34.1 74.1
65 101.7 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 41.813 ng
RT: 9.69 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF097271.D
Acq: 2 Aug 2017 14:05

Tgt Ion:165 Resp: 179724
Ion Ratio Lower Upper
165 100
63 66.2 25.4 38.0#
89 78.2 46.4 69.6#
182 1.8 1.8 2.6





#57

Fluorene

Concen: 41.271 ng

RT: 10.03 min Scan# 1384

Delta R.T. -0.01 min

Lab File: BF097271.D

Acq: 2 Aug 2017 14:05

Instrument :

BNA_F

ClientSampleId :

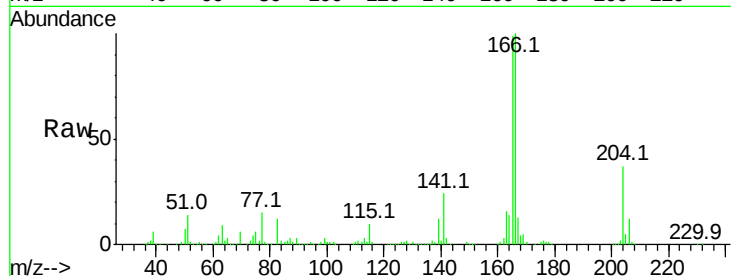
Tot Ion:166 Resp: 545081

Ion Ratio Lower Upper

166 100

165 99.4 78.8 118.2

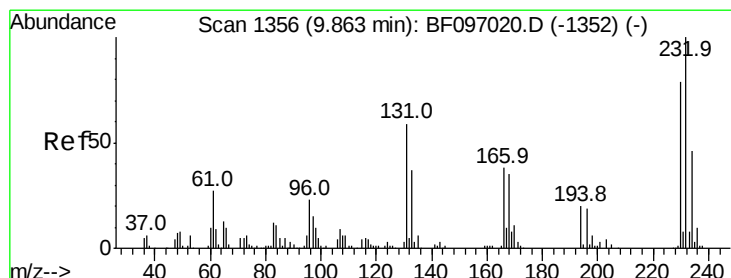
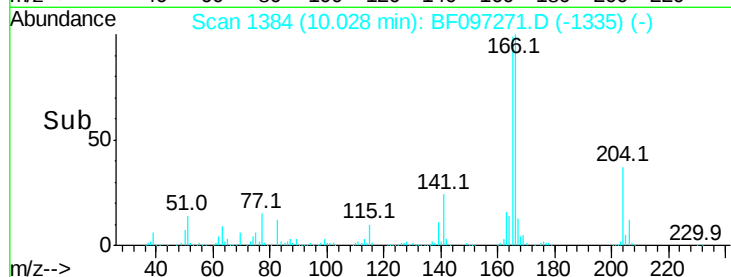
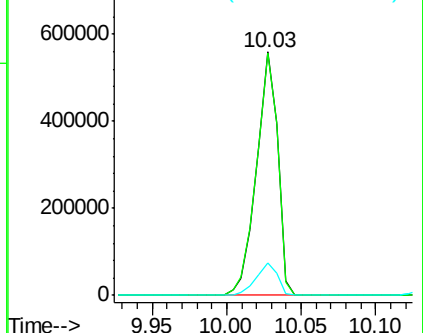
167 13.1 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.625 ng

RT: 9.82 min Scan# 1348

Delta R.T. -0.02 min

Lab File: BF097271.D

Acq: 2 Aug 2017 14:05

Tgt Ion:232 Resp: 122926

Ion Ratio Lower Upper

232 100

131 53.9 44.8 67.2

130 2.2 2.3 3.5#

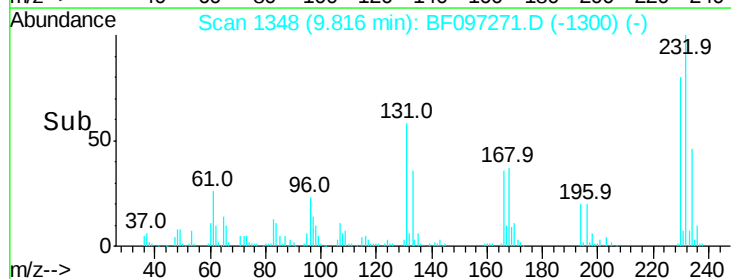
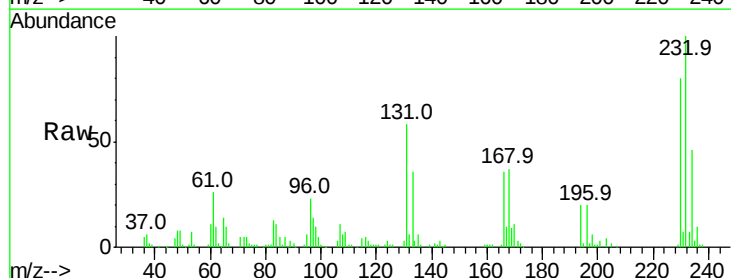
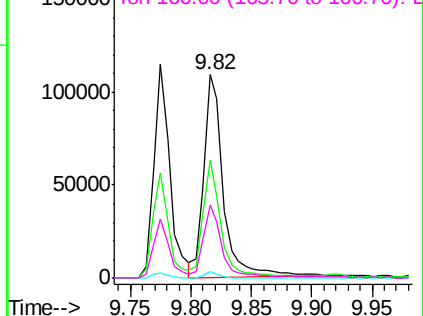
166 32.3 29.0 43.4

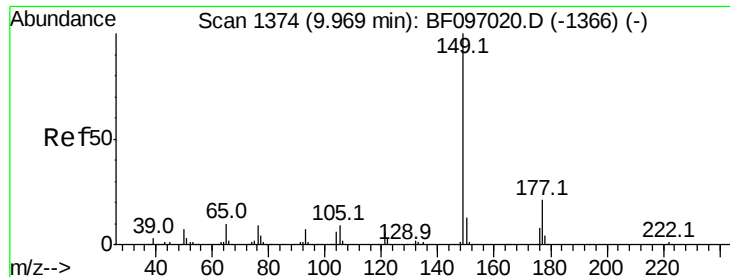
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

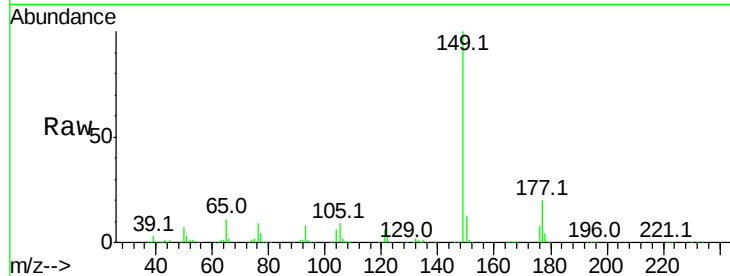




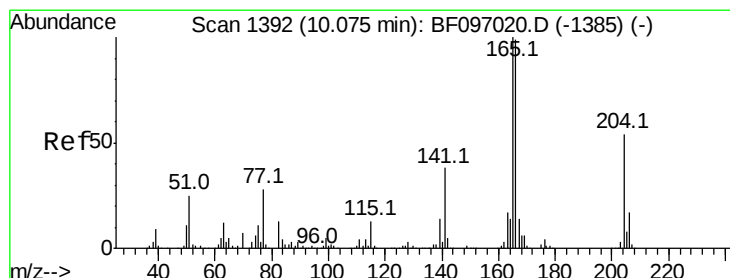
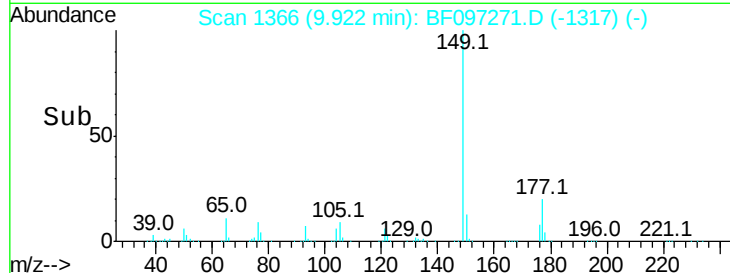
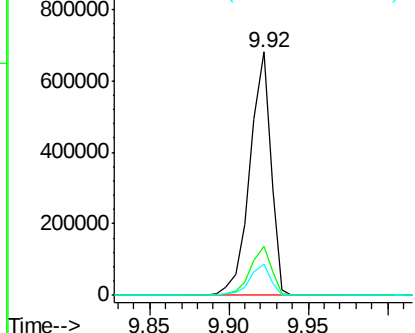
#59
Diethylphthalate
Concen: 38.615 ng
RT: 9.92 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF097271.D
Acq: 2 Aug 2017 14:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 624546
Ion Ratio Lower Upper
149 100
177 20.4 16.7 25.1
150 13.0 10.2 15.2

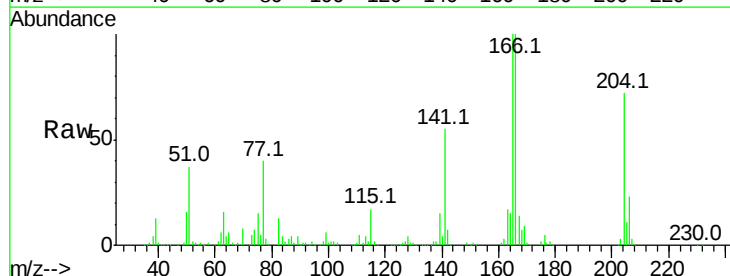


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

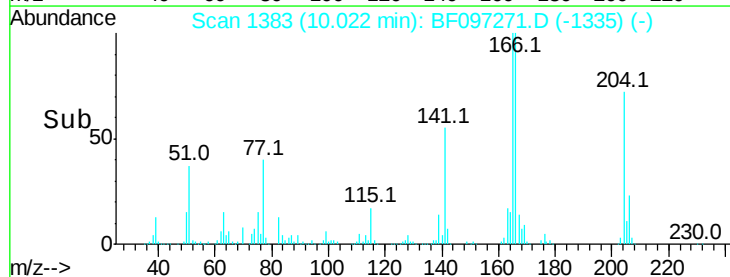
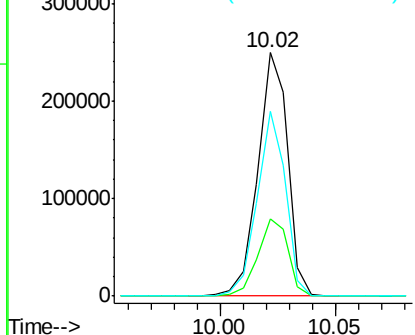


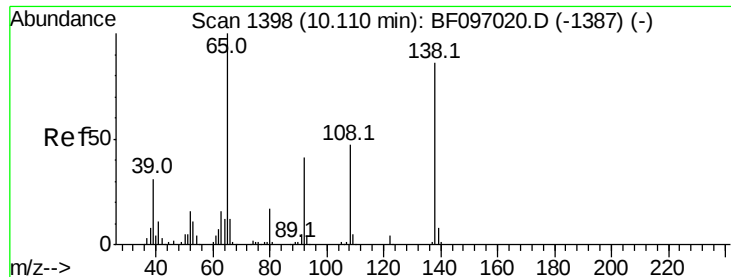
#60
4-Chlorophenyl-phenylether
Concen: 41.148 ng
RT: 10.02 min Scan# 1383
Delta R.T. -0.02 min
Lab File: BF097271.D
Acq: 2 Aug 2017 14:05

Tgt Ion:204 Resp: 224416
Ion Ratio Lower Upper
204 100
206 31.6 26.2 39.2
141 75.6 60.8 91.2



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

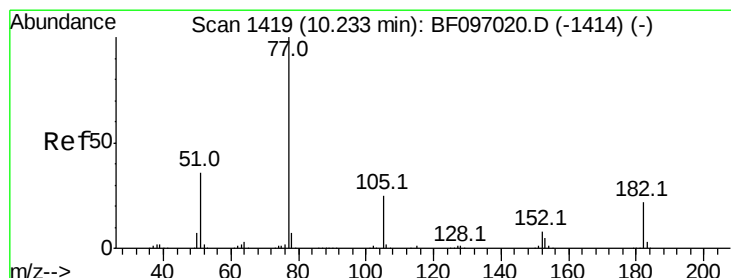
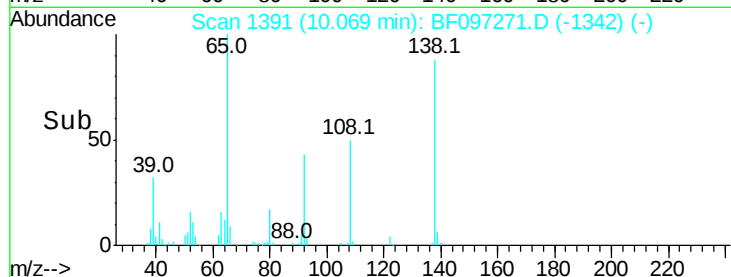
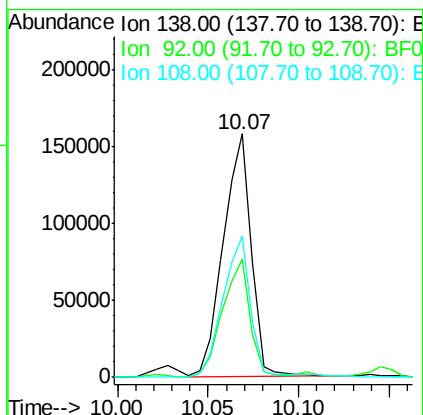
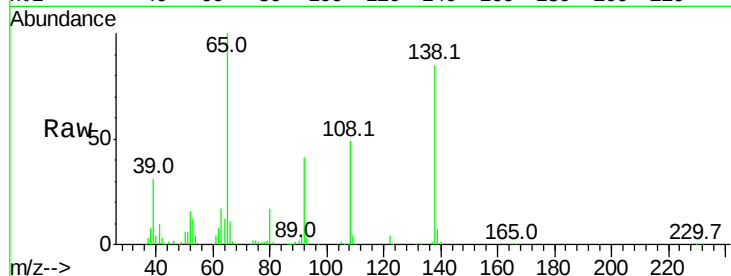




#61
4-Nitroaniline
Concen: 38.295 ng
RT: 10.07 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BF097271.D
Acq: 2 Aug 2017 14:05

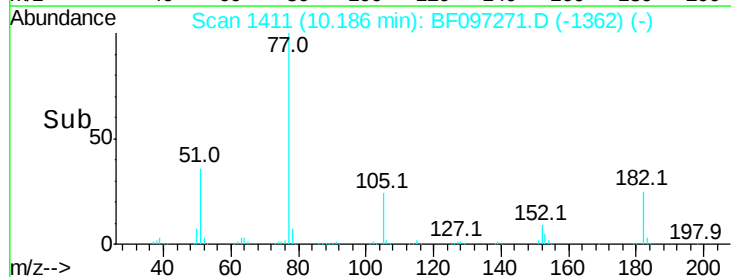
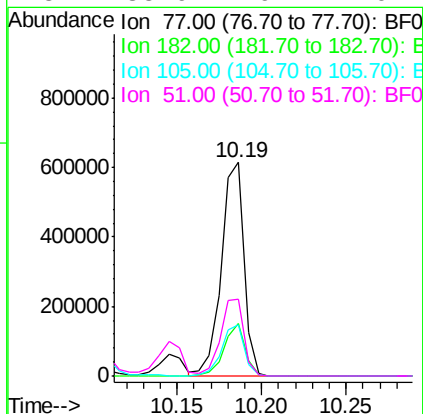
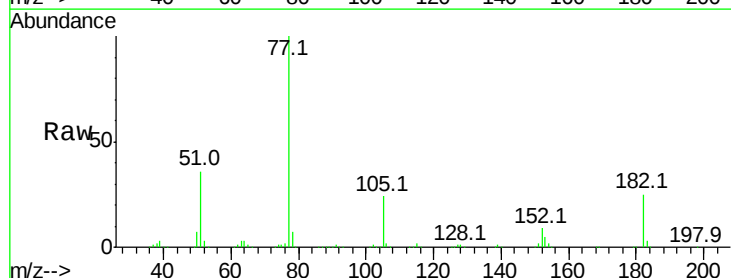
Instrument :
BNA_F
ClientSampled :

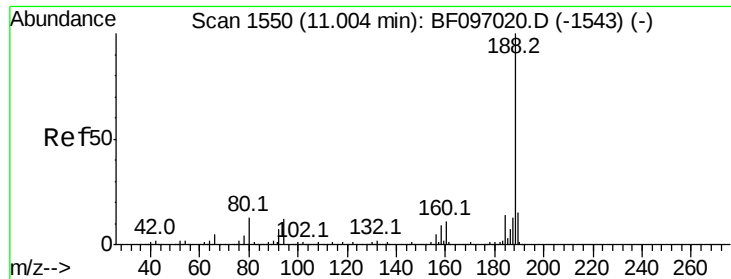
Tot Ion:138 Resp: 168875
Ion Ratio Lower Upper
138 100
92 48.5 21.8 61.8
108 58.0 42.3 82.3



#62
Azobenzene
Concen: 38.272 ng
RT: 10.19 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF097271.D
Acq: 2 Aug 2017 14:05

Tgt Ion: 77 Resp: 574238
Ion Ratio Lower Upper
77 100
182 24.5 0.1 40.1
105 24.2 3.6 43.6
51 35.9 9.4 49.4

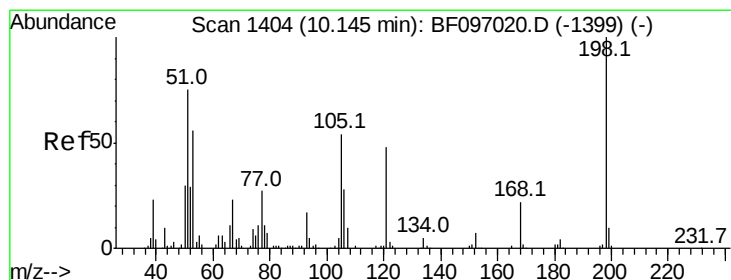
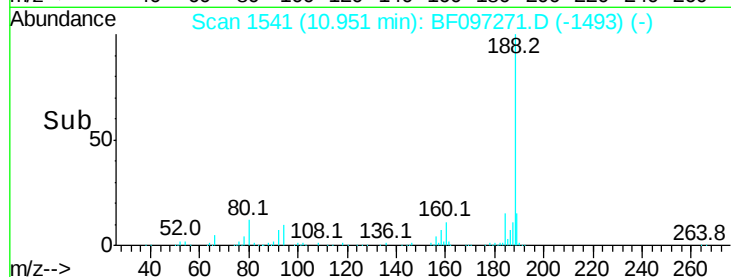
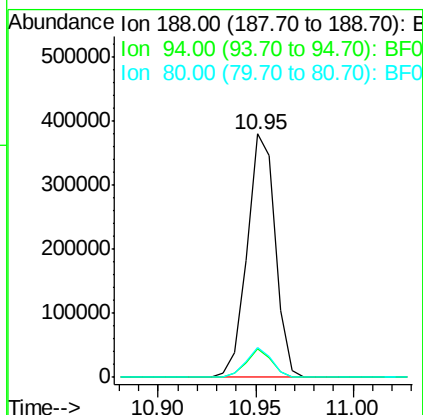
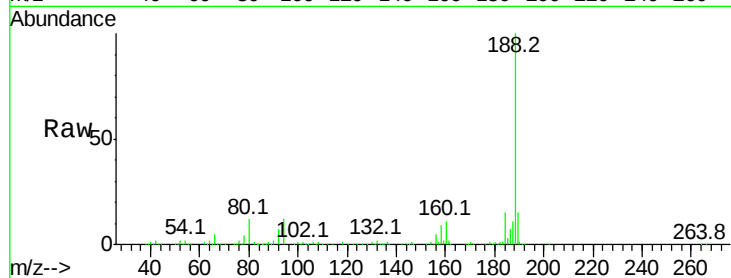




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.95 min Scan# 1541
Delta R.T. -0.02 min
Lab File: BF097271.D
Acq: 2 Aug 2017 14:05

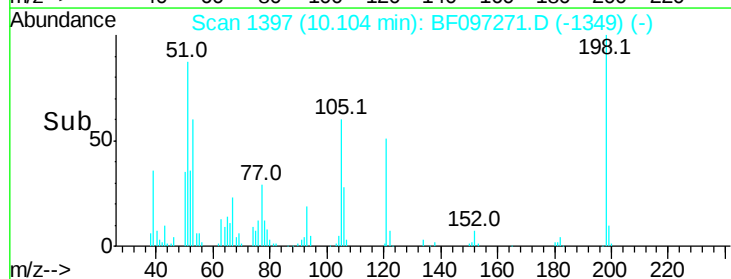
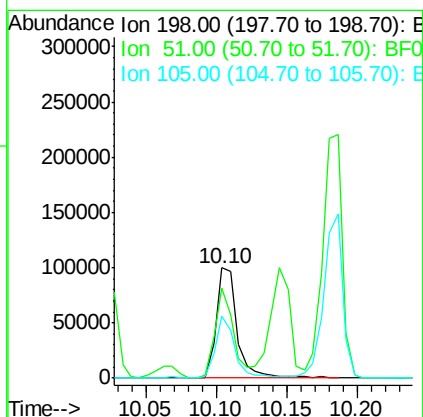
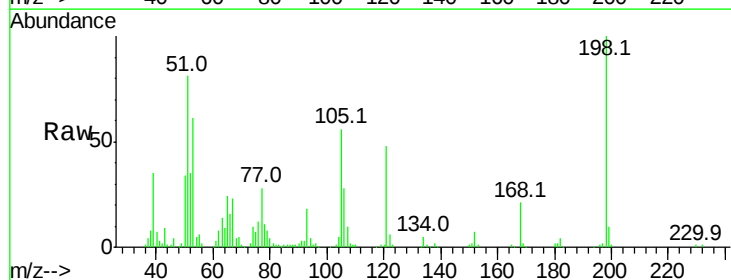
Instrument :
BNA_F
ClientSampled :

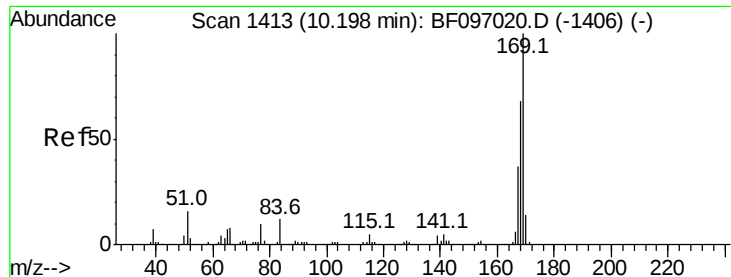
Tot Ion:188 Resp: 377753
Ion Ratio Lower Upper
188 100
94 11.6 9.4 14.2
80 12.1 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 43.839 ng
RT: 10.10 min Scan# 1397
Delta R.T. -0.02 min
Lab File: BF097271.D
Acq: 2 Aug 2017 14:05

Tgt Ion:198 Resp: 102904
Ion Ratio Lower Upper
198 100
51 81.2 53.2 93.2
105 56.5 45.8 85.8





#65

n-Nitrosodiphenylamine

Concen: 38.946 ng

RT: 10.15 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BF097271.D

Acq: 2 Aug 2017 14:05

Instrument :

BNA_F

ClientSampleId :

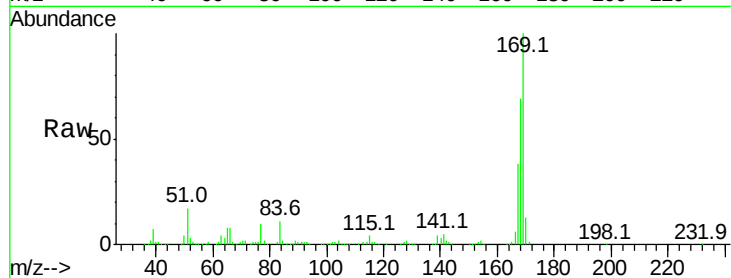
Tot Ion:169 Resp: 511885

Ion Ratio Lower Upper

169 100

168 69.5 53.2 79.8

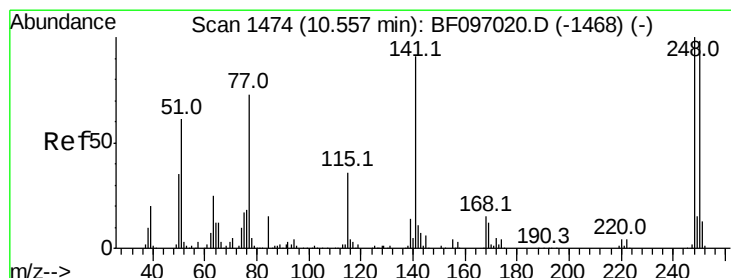
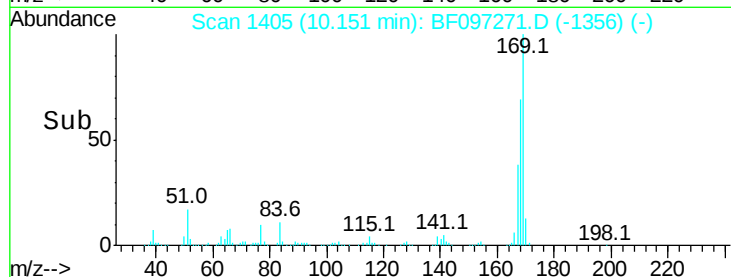
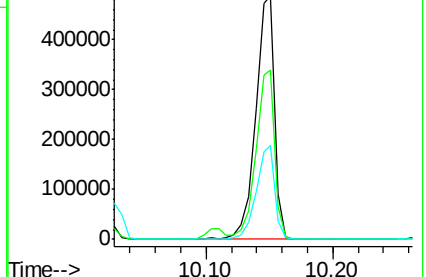
167 38.3 29.5 44.3



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: 38.726 ng

RT: 10.51 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF097271.D

Acq: 2 Aug 2017 14:05

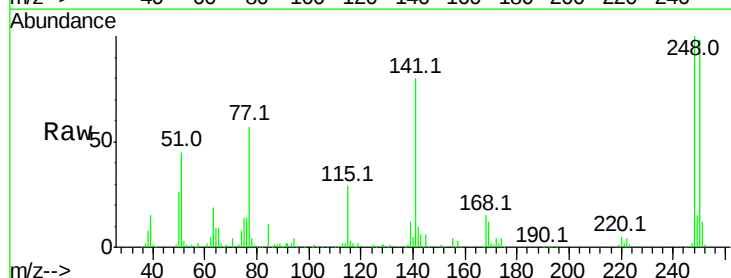
Tgt Ion:248 Resp: 145991

Ion Ratio Lower Upper

248 100

250 97.9 76.8 115.2

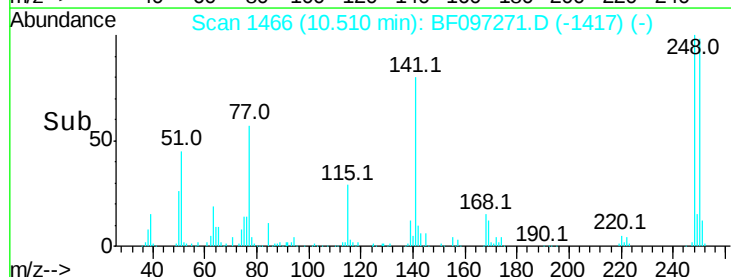
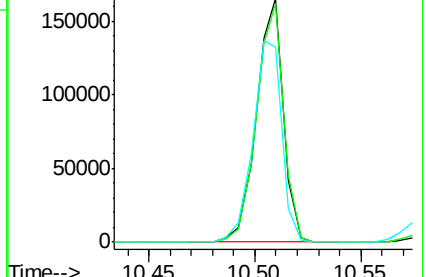
141 79.9 68.6 103.0



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

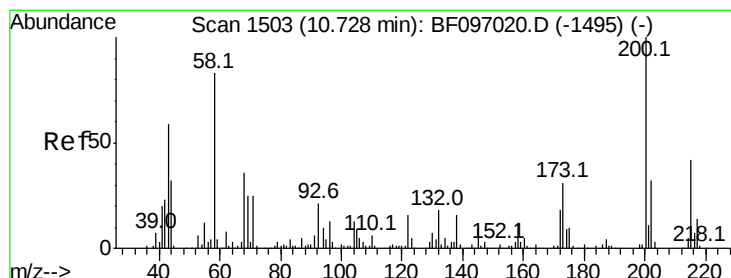
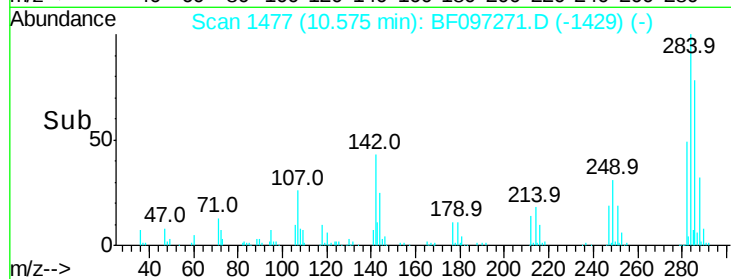
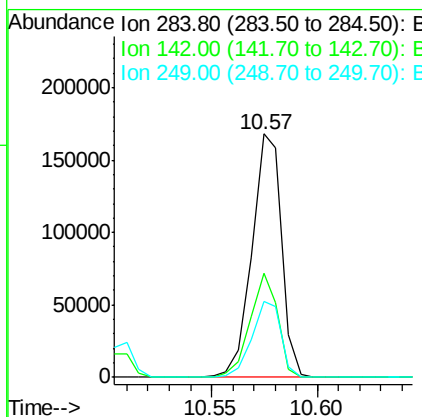
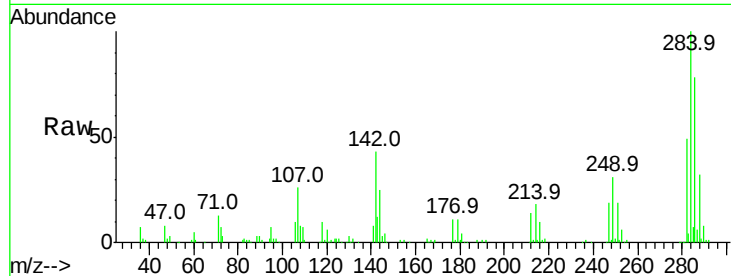




#67
Hexachlorobenzene
Concen: 38.854 ng
RT: 10.57 min Scan# 1477
Delta R.T. -0.02 min
Lab File: BF097271.D
Acq: 2 Aug 2017 14:05

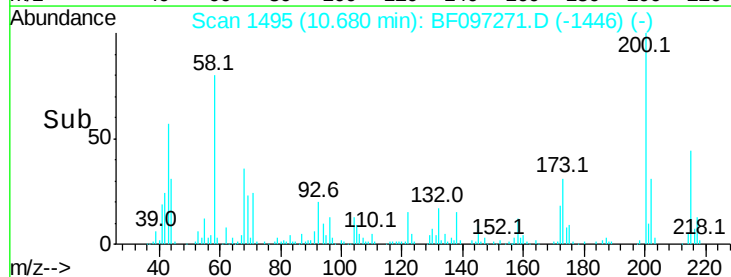
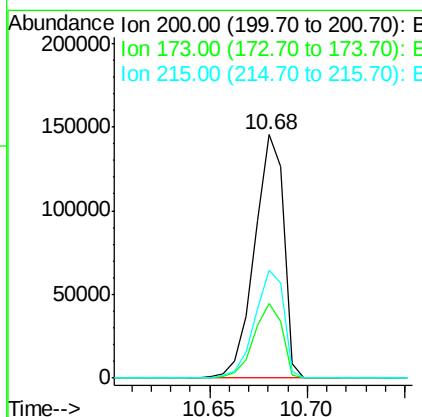
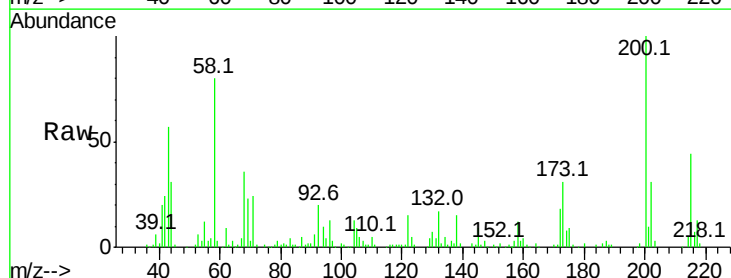
Instrument :
BNA_F
ClientSampleId :

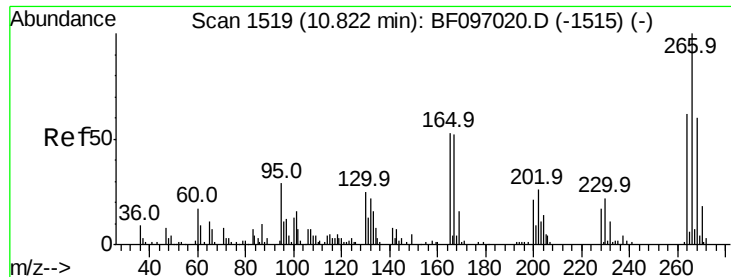
Tot Ion	Ratio	Lower	Upper
284	100		
142	42.7	22.8	34.2#
249	31.3	24.0	36.0



#68
Atrazine
Concen: 39.894 ng
RT: 10.68 min Scan# 1495
Delta R.T. -0.01 min
Lab File: BF097271.D
Acq: 2 Aug 2017 14:05

Tgt Ion	Ratio	Lower	Upper
200	100		
173	30.6	6.3	46.3
215	44.2	27.2	67.2

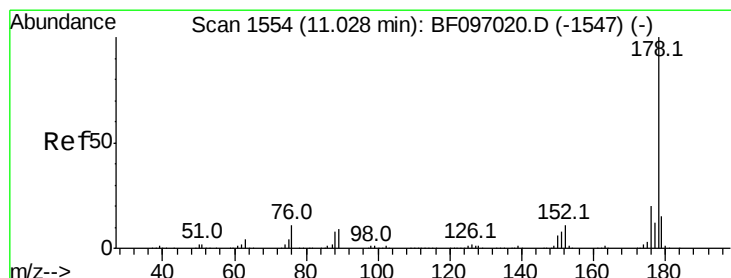
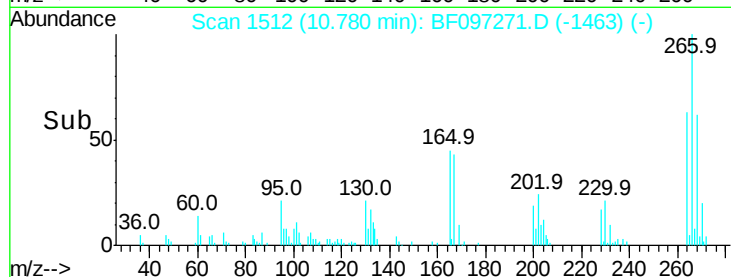
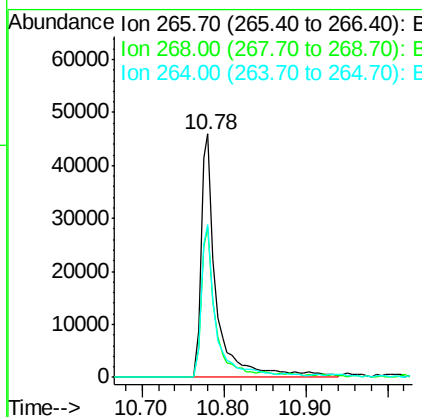
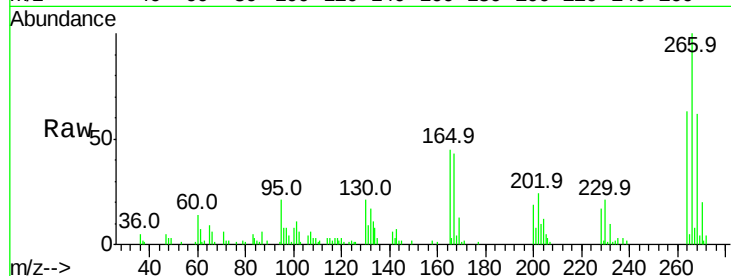




#69
 Pentachlorophenol
 Concen: 34.825 ng
 RT: 10.78 min Scan# 1512
 Delta R.T. -0.01 min
 Lab File: BF097271.D
 Acq: 2 Aug 2017 14:05

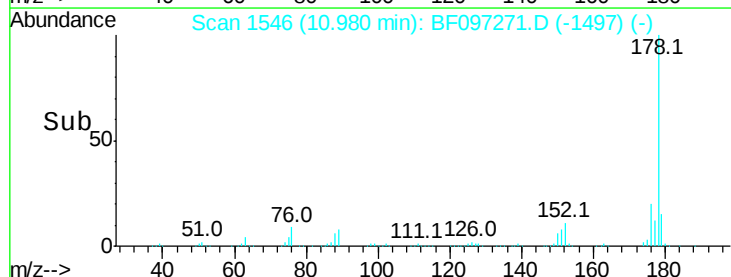
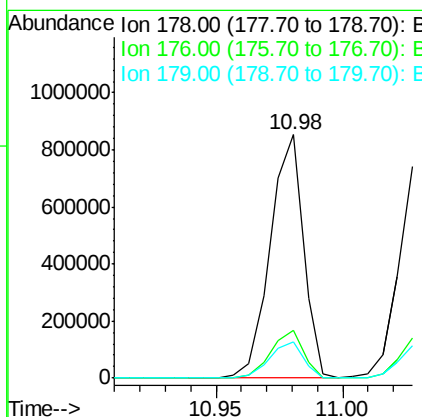
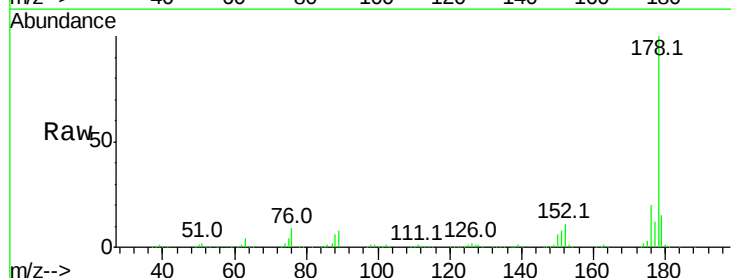
Instrument :
 BNA_F
 ClientSampleId :

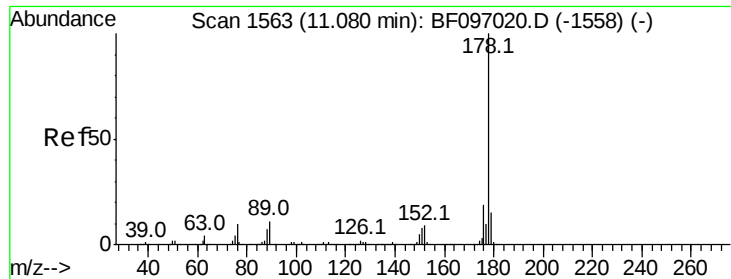
Tot Ion:266 Resp: 60914
 Ion Ratio Lower Upper
 266 100
 268 61.8 51.1 76.7
 264 62.6 51.7 77.5



#70
 Phenanthrene
 Concen: 38.437 ng
 RT: 10.98 min Scan# 1546
 Delta R.T. -0.01 min
 Lab File: BF097271.D
 Acq: 2 Aug 2017 14:05

Tgt Ion:178 Resp: 777976
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.2 24.4
 179 15.0 12.6 19.0





#71

Anthracene

Concen: 37.994 ng

RT: 11.03 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF097271.D

Acq: 2 Aug 2017 14:05

Instrument :

BNA_F

ClientSampled :

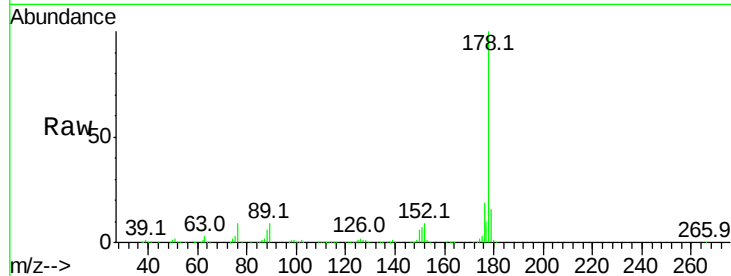
Tot Ion:178 Resp: 787628

Ion Ratio Lower Upper

178 100

176 19.1 15.8 23.8

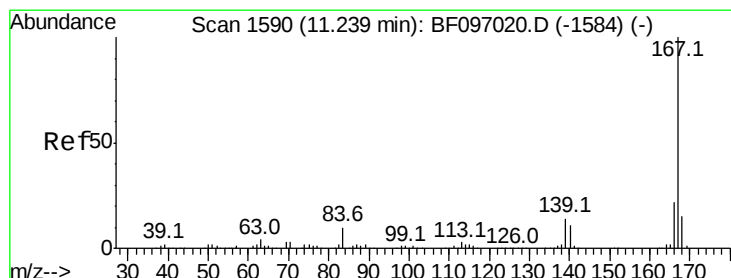
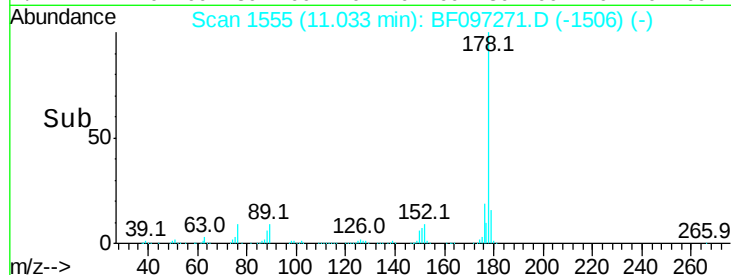
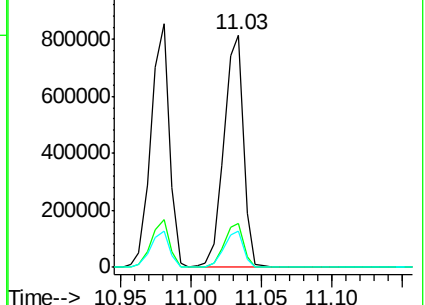
179 15.6 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 38.738 ng

RT: 11.19 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF097271.D

Acq: 2 Aug 2017 14:05

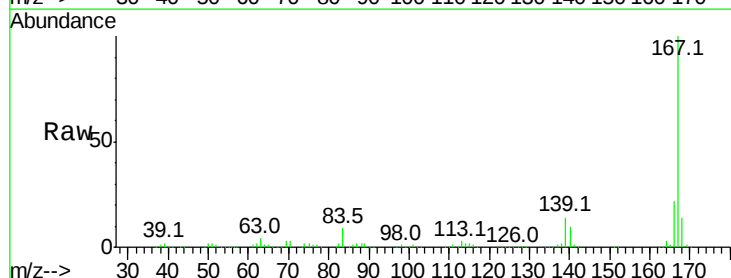
Tgt Ion:167 Resp: 789777

Ion Ratio Lower Upper

167 100

166 22.5 18.1 27.1

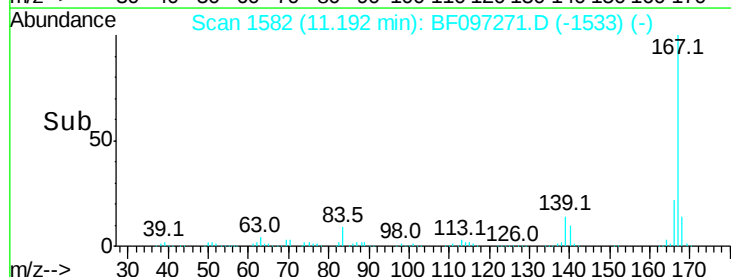
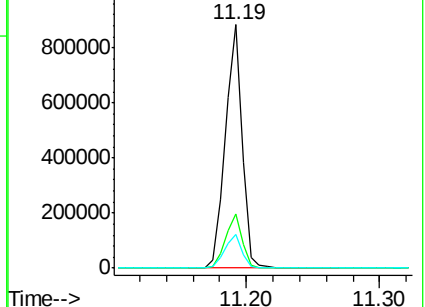
139 14.0 11.7 17.5

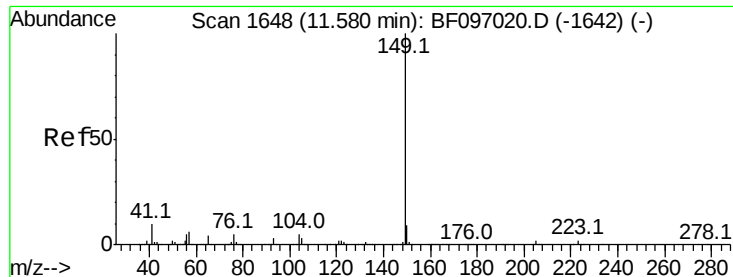


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.551 ng

RT: 11.53 min Scan# 1640

Delta R.T. -0.01 min

Lab File: BF097271.D

Acq: 2 Aug 2017 14:05

Instrument :

BNA_F

ClientSampleId :

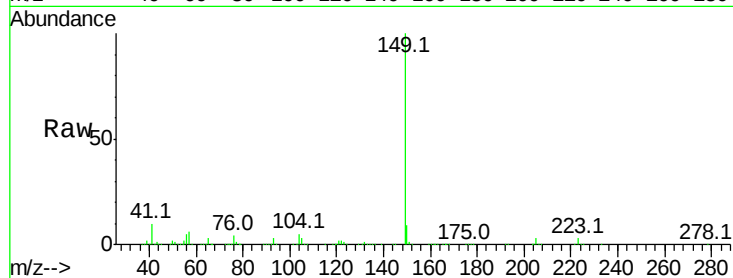
Tot Ion:149 Resp: 1021947

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	4.6	4.0	6.0

149 100

150 9.5 7.7 11.5

104 4.6 4.0 6.0

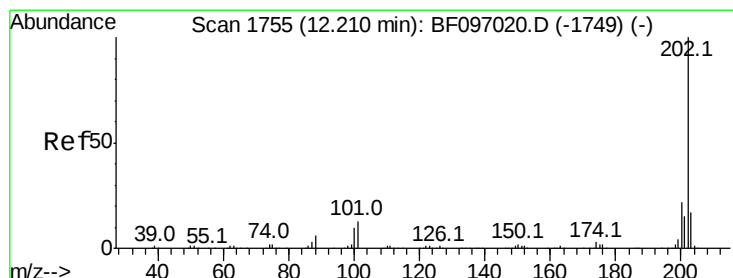
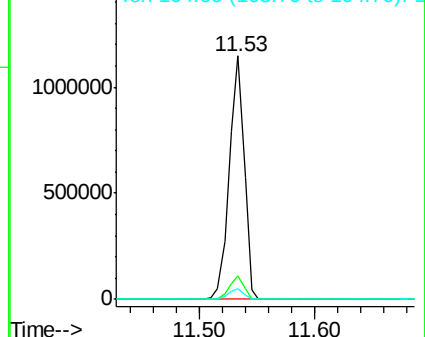
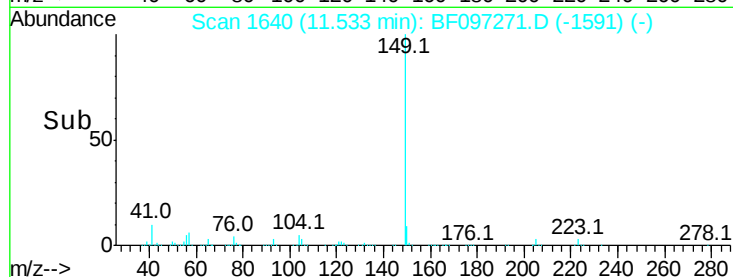


Abundance

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: 39.851 ng

RT: 12.16 min Scan# 1746

Delta R.T. -0.02 min

Lab File: BF097271.D

Acq: 2 Aug 2017 14:05

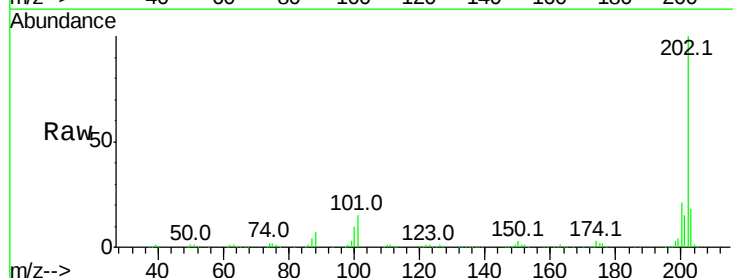
Tgt Ion:202 Resp: 790177

Ion	Ratio	Lower	Upper
202	100		
101	14.6	0.0	33.2
203	17.8	0.0	38.1

202 100

101 14.6 0.0 33.2

203 17.8 0.0 38.1

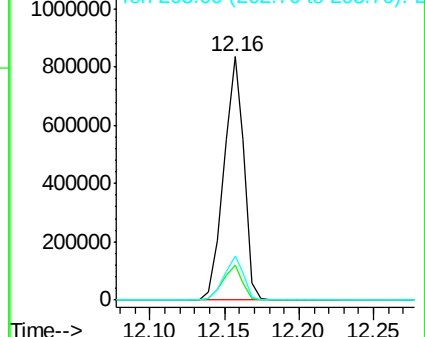
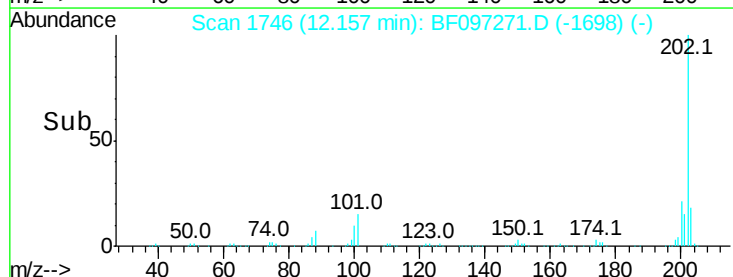


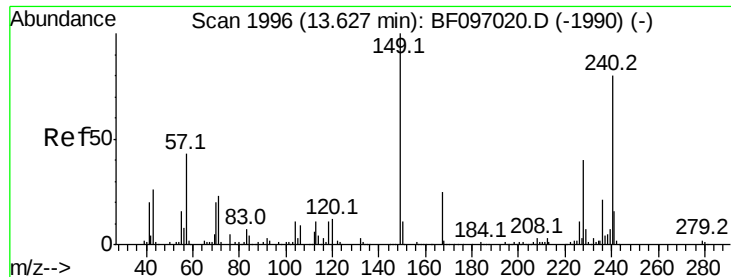
Abundance

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: 20.000 ng

RT: 13.58 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BF097271.D

Acq: 2 Aug 2017 14:05

Instrument :

BNA_F

ClientSampleId :

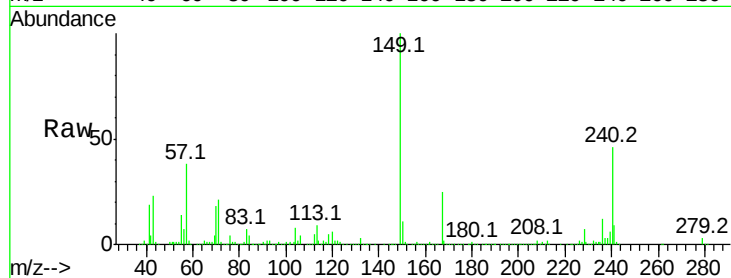
Tot Ion:240 Resp: 245579

Ion Ratio Lower Upper

240 100

120 12.6 5.8 8.8#

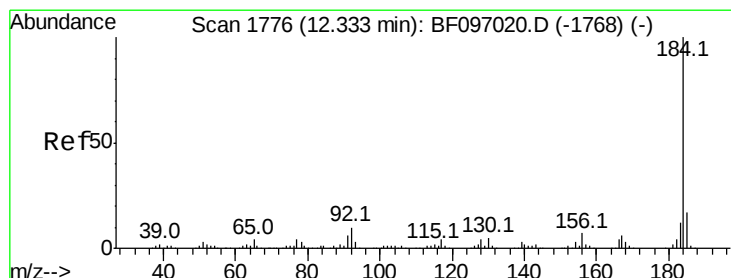
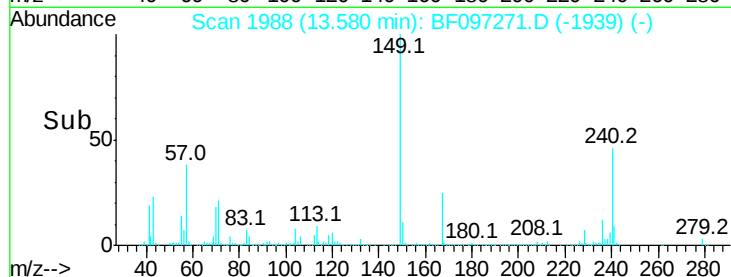
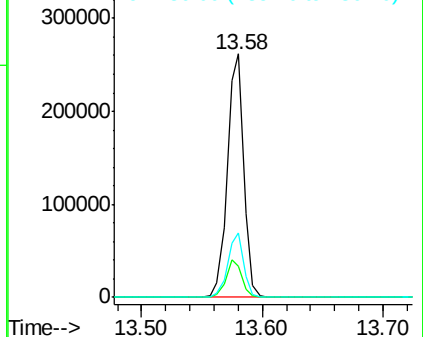
236 26.5 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 35.291 ng

RT: 12.29 min Scan# 1768

Delta R.T. -0.02 min

Lab File: BF097271.D

Acq: 2 Aug 2017 14:05

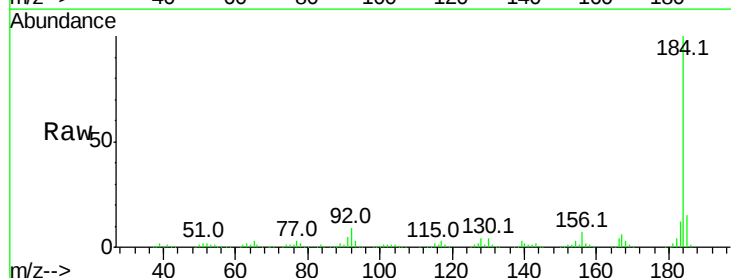
Tgt Ion:184 Resp: 321576

Ion Ratio Lower Upper

184 100

185 14.8 15.5 23.3#

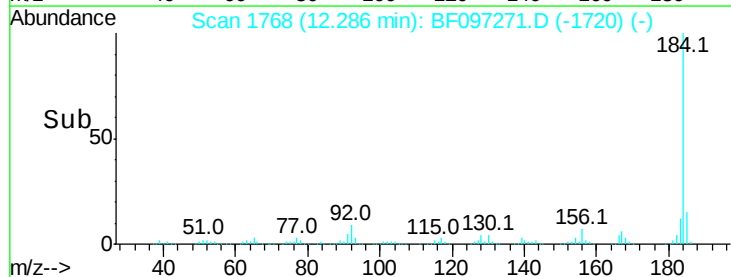
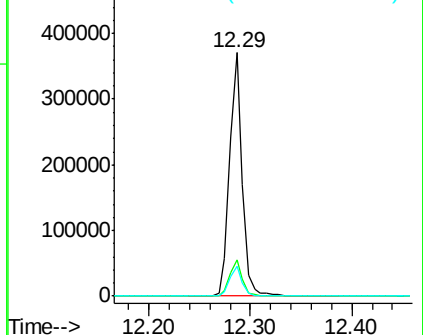
183 12.0 9.8 14.6

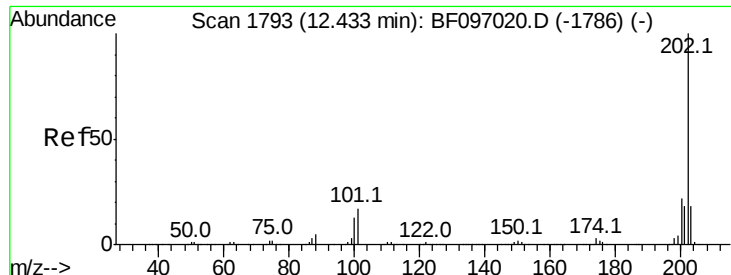


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

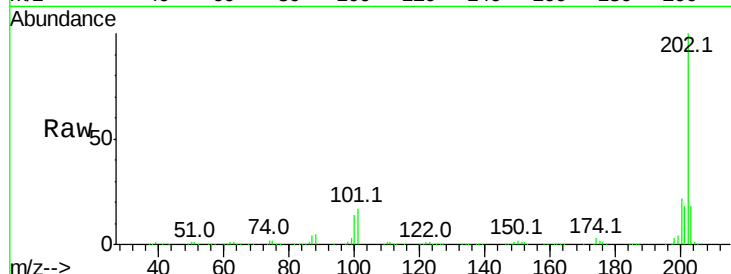




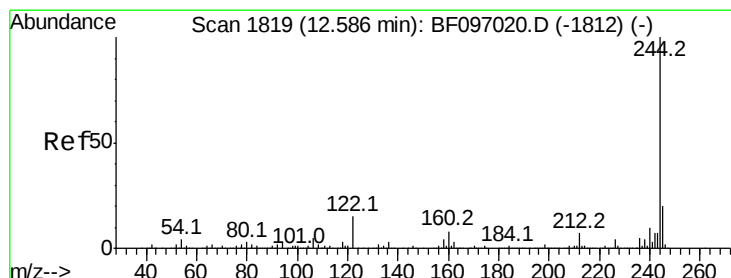
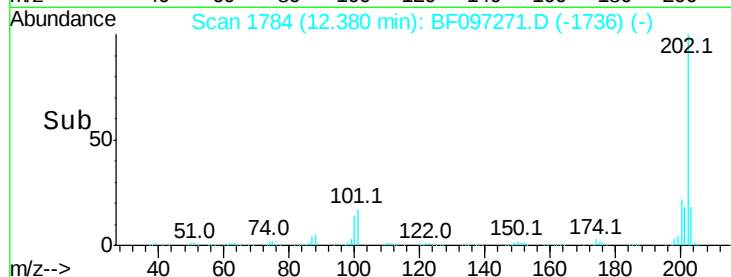
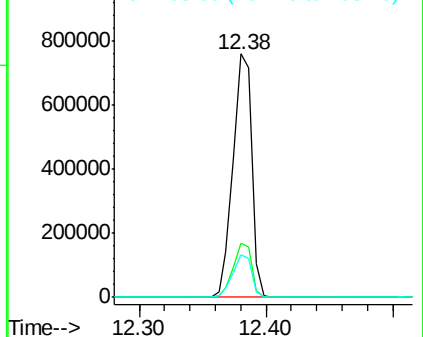
#77
Pvrene
Concen: 38.457 ng
RT: 12.38 min Scan# 1784
Delta R.T. -0.02 min
Lab File: BF097271.D
Acq: 2 Aug 2017 14:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 773174
Ion Ratio Lower Upper
202 100
200 22.0 17.6 26.4
203 17.5 14.4 21.6

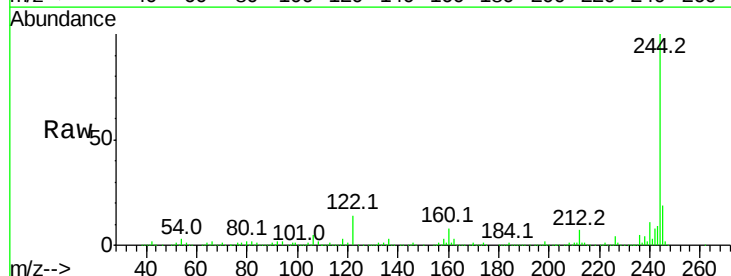


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

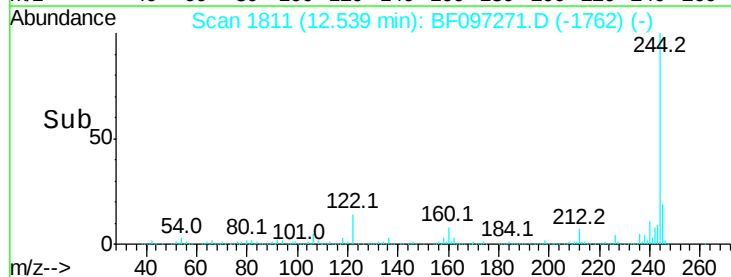
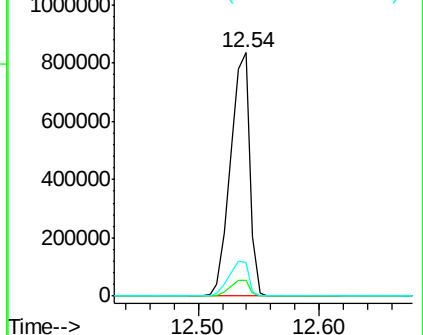


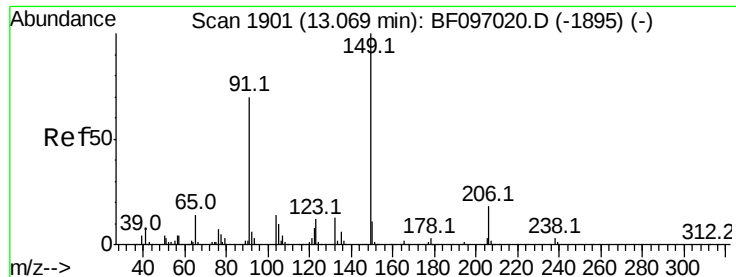
#78
Terphenyl-d14
Concen: 77.200 ng
RT: 12.54 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BF097271.D
Acq: 2 Aug 2017 14:05

Tgt Ion:244 Resp: 929868
Ion Ratio Lower Upper
244 100
212 6.7 6.0 9.0
122 13.6 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

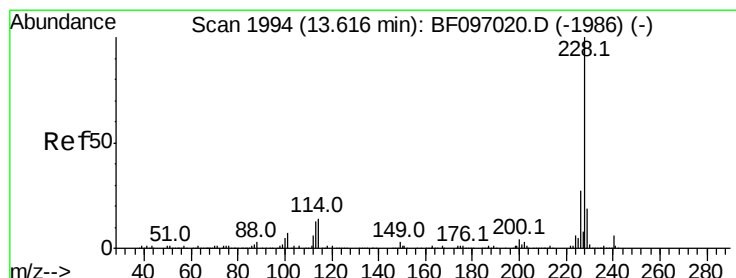
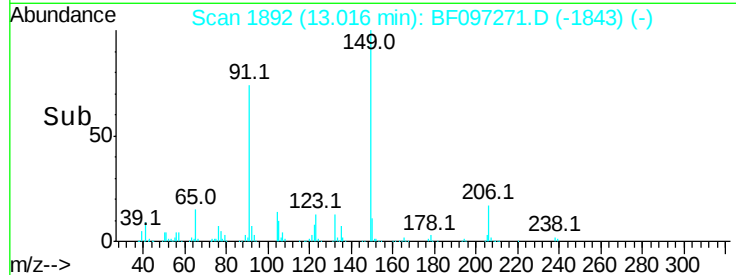
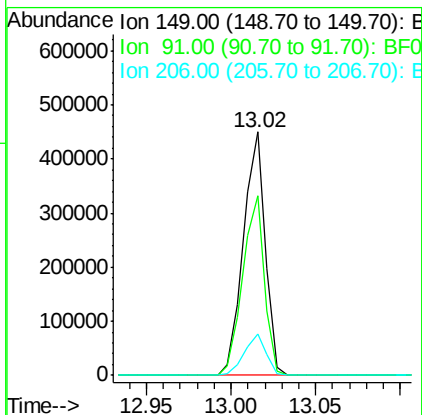
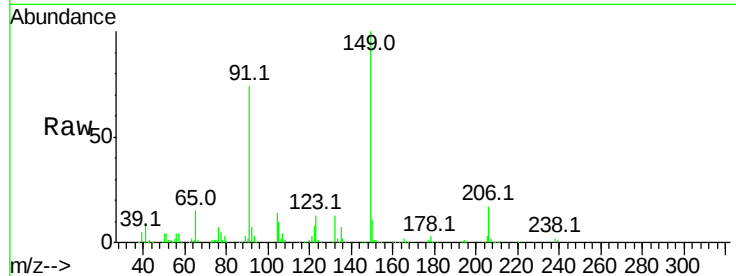




#79
Butylbenzylphthalate
Concen: 39.882 ng
RT: 13.02 min Scan# 1892
Delta R.T. -0.01 min
Lab File: BF097271.D
Acq: 2 Aug 2017 14:05

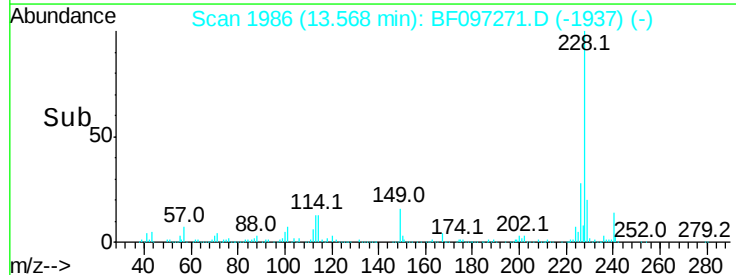
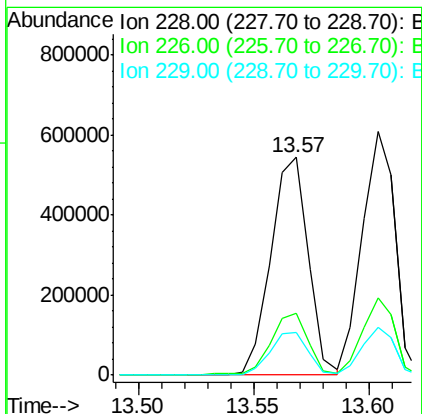
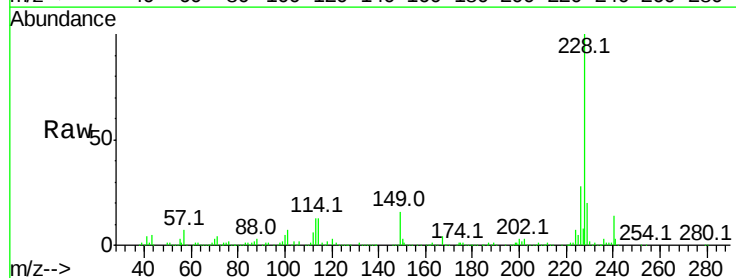
Instrument :
BNA_F
ClientSampleId :

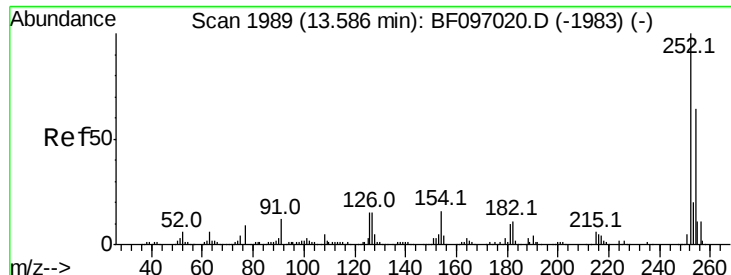
Tot Ion:149 Resp: 407867
Ion Ratio Lower Upper
149 100
91 73.6 45.0 67.4#
206 17.2 17.0 25.6



#80
Benzo(a)anthracene
Concen: 38.392 ng
RT: 13.57 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BF097271.D
Acq: 2 Aug 2017 14:05

Tgt Ion:228 Resp: 610052
Ion Ratio Lower Upper
228 100
226 28.2 22.6 33.8
229 19.8 16.3 24.5





#81

3,3'-Dichlorobenzidine

Concen: 38.167 ng

RT: 13.54 min Scan# 1981

Delta R.T. -0.01 min

Lab File: BF097271.D

Acq: 2 Aug 2017 14:05

Instrument :

BNA_F

ClientSampleId :

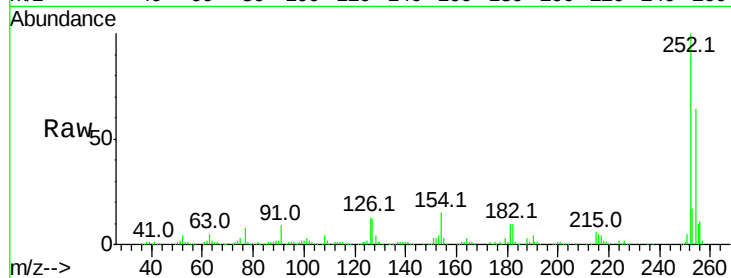
Tot Ion:252 Resp: 228705

Ion Ratio Lower Upper

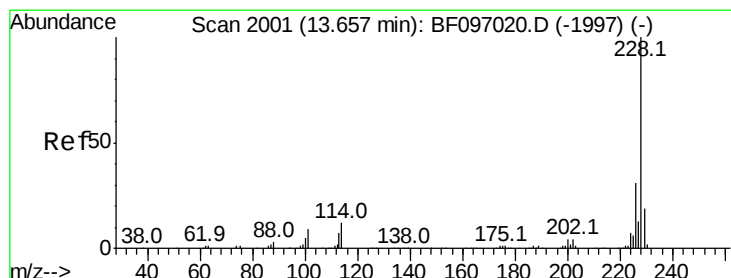
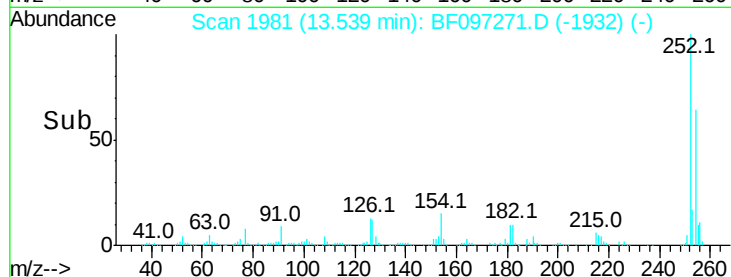
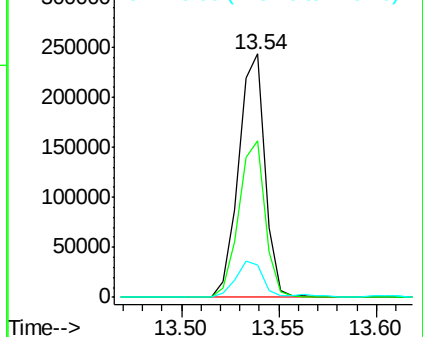
252 100

254 64.2 51.5 77.3

126 13.3 15.8 23.8#



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: 38.825 ng

RT: 13.60 min Scan# 1992

Delta R.T. -0.02 min

Lab File: BF097271.D

Acq: 2 Aug 2017 14:05

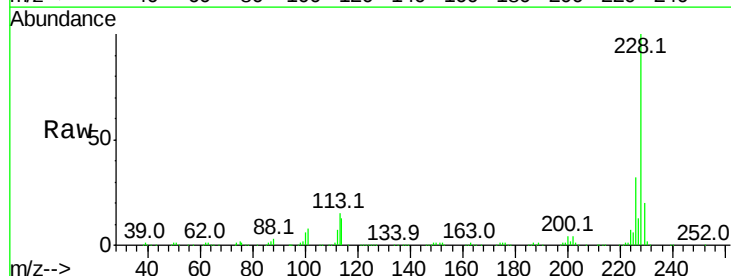
Tgt Ion:228 Resp: 602404

Ion Ratio Lower Upper

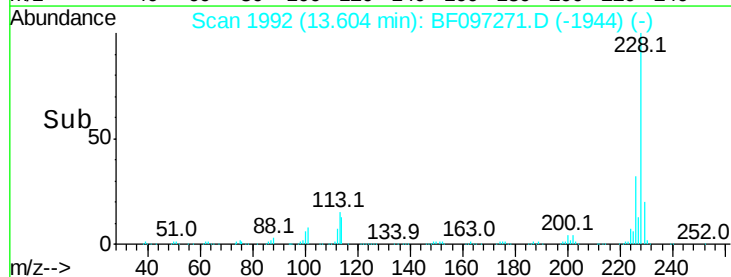
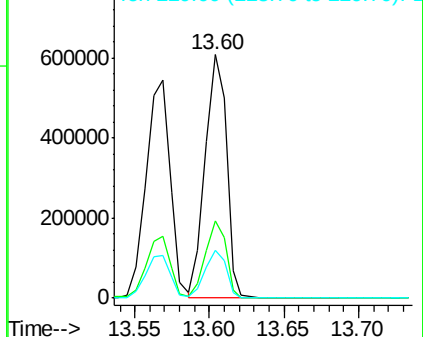
228 100

226 31.5 24.9 37.3

229 19.7 15.8 23.6



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: 38.475 ng

RT: 13.58 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BF097271.D

Acq: 2 Aug 2017 14:05

Instrument :

BNA_F

ClientSampleId :

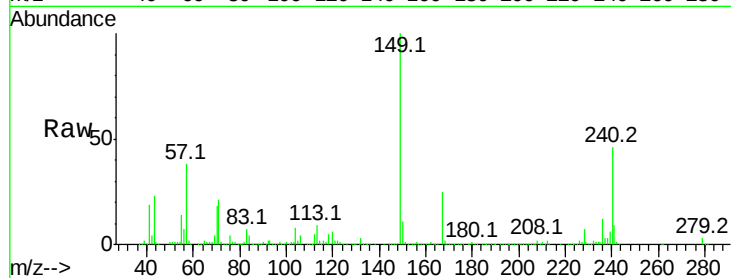
Tot Ion:149 Resp: 513747

Ion Ratio Lower Upper

149 100

167 25.0 21.0 31.4

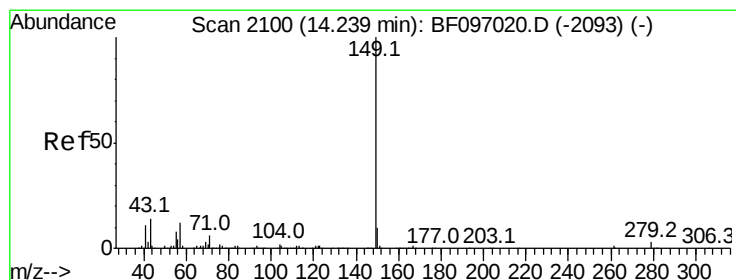
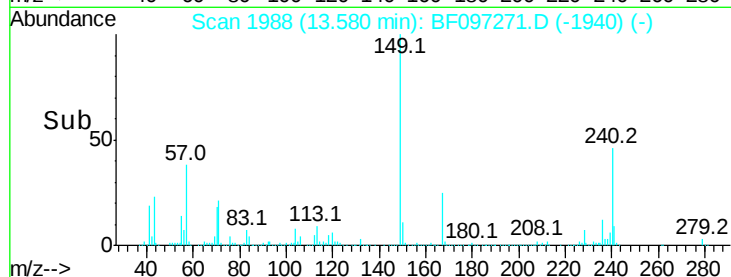
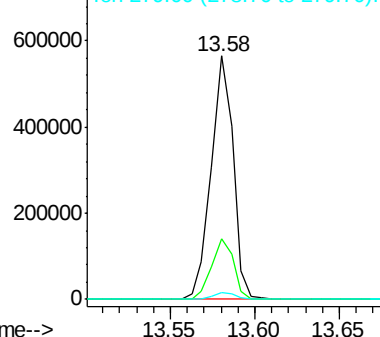
279 2.6 1.9 2.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 37.975 ng

RT: 14.19 min Scan# 2091

Delta R.T. -0.02 min

Lab File: BF097271.D

Acq: 2 Aug 2017 14:05

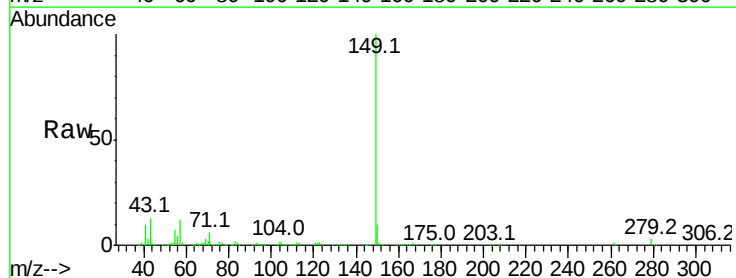
Tgt Ion:149 Resp: 930528

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

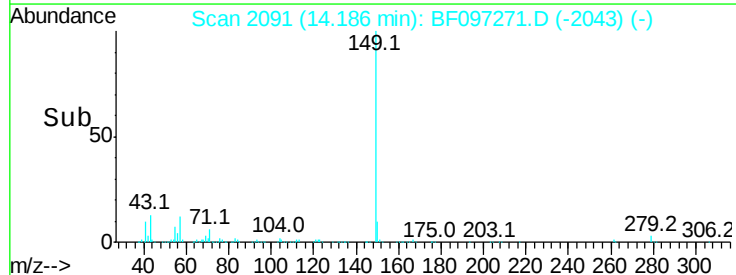
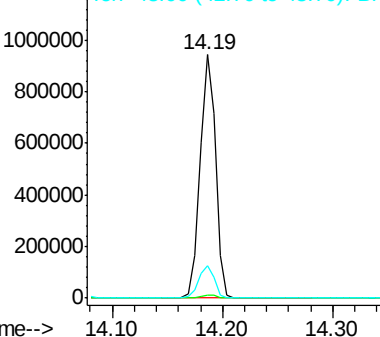
43 13.3 8.5 12.7#

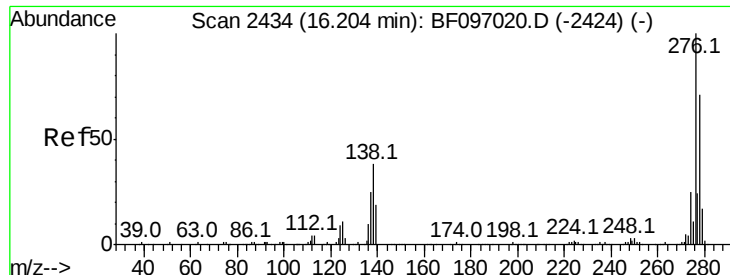


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

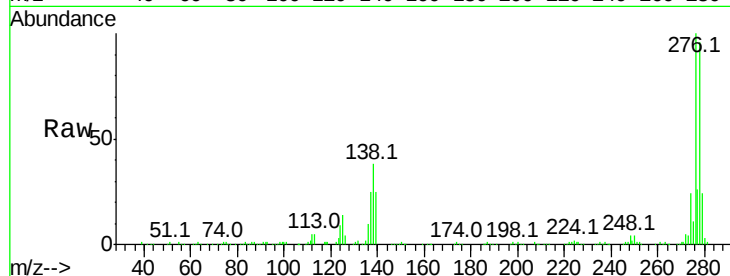




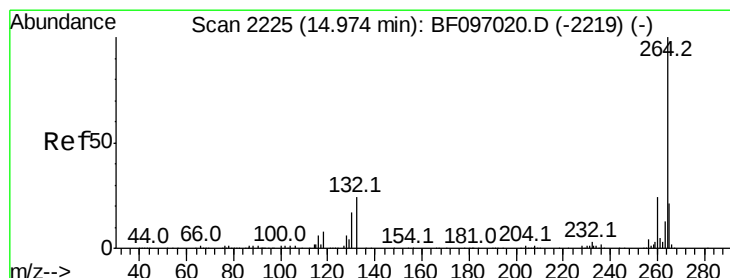
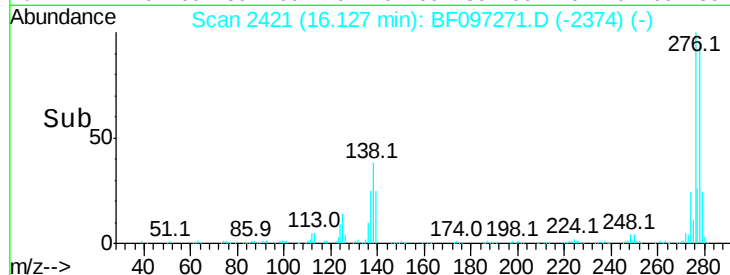
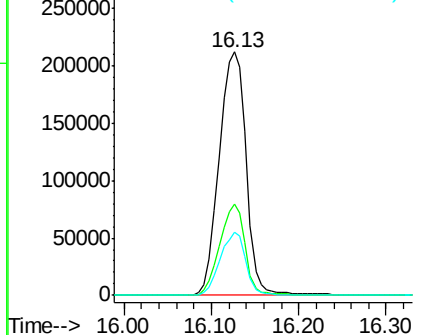
#85
Indeno(1,2,3-cd)pyrene
Concen: 34.077 ng
RT: 16.13 min Scan# 2421
Delta R.T. -0.02 min
Lab File: BF097271.D
Acq: 2 Aug 2017 14:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 453390
Ion Ratio Lower Upper
276 100
138 35.3 27.8 41.6
277 24.4 20.2 30.4

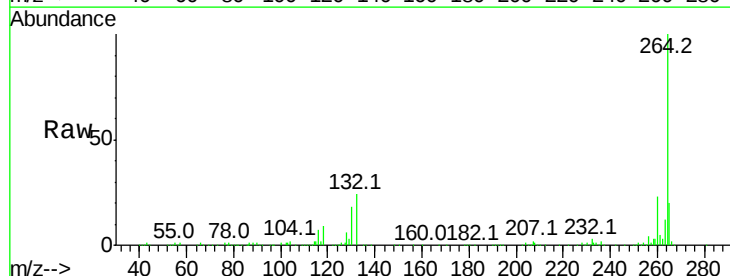


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

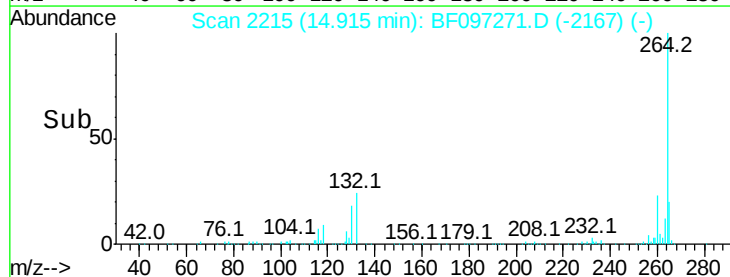
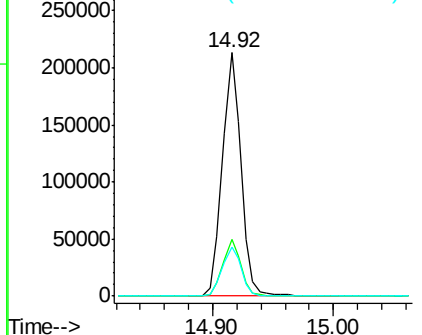


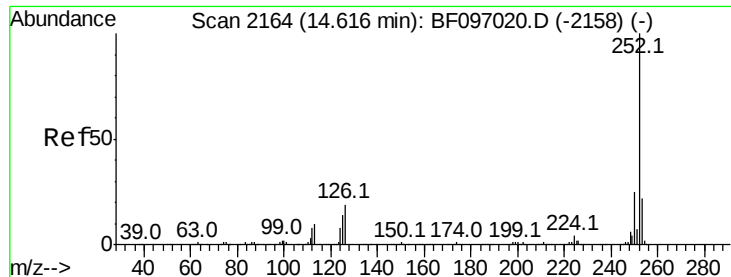
#86
Perylene-d12
Concen: 20.000 ng
RT: 14.92 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BF097271.D
Acq: 2 Aug 2017 14:05

Tgt Ion:264 Resp: 227594
Ion Ratio Lower Upper
264 100
260 23.3 19.5 29.3
265 20.2 17.2 25.8



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: 36.160 ng

RT: 14.57 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BF097271.D

Acq: 2 Aug 2017 14:05

Instrument :

BNA_F

ClientSampleId :

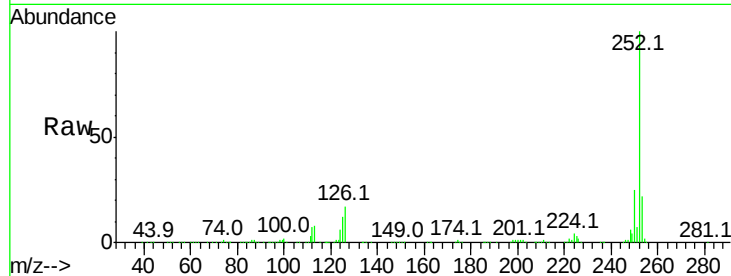
Tot Ion:252 Resp: 494707

Ion Ratio Lower Upper

252 100

253 22.1 18.1 27.1

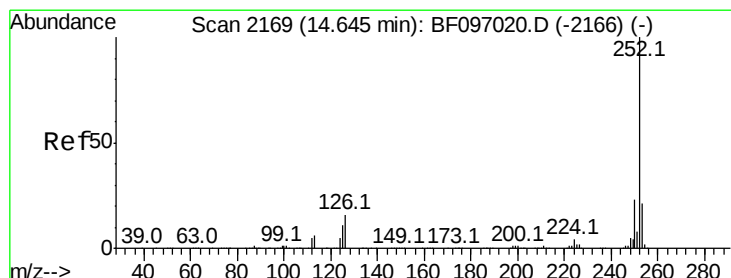
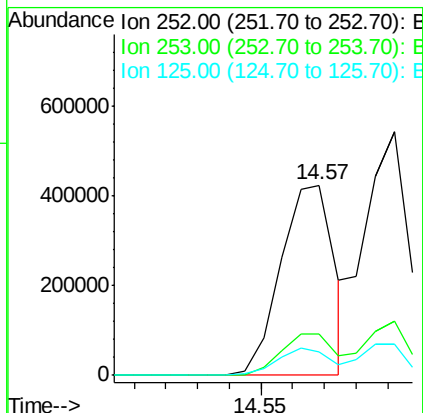
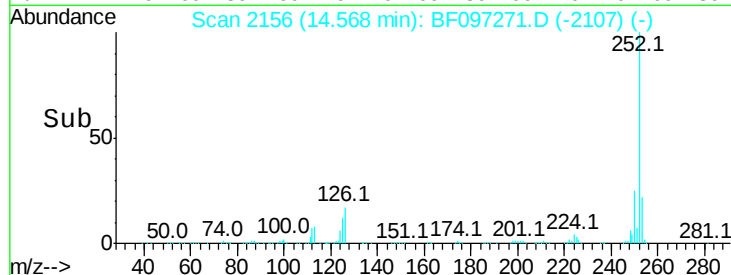
125 12.1 9.8 14.8



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



#88

Benzo(k)fluoranthene

Concen: 40.202 ng

RT: 14.59 min Scan# 2160

Delta R.T. -0.02 min

Lab File: BF097271.D

Acq: 2 Aug 2017 14:05

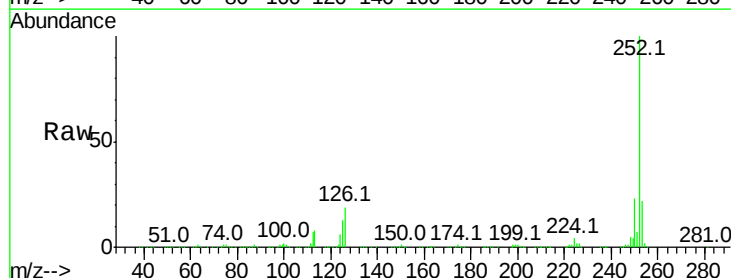
Tgt Ion:252 Resp: 524109

Ion Ratio Lower Upper

252 100

253 22.1 18.4 27.6

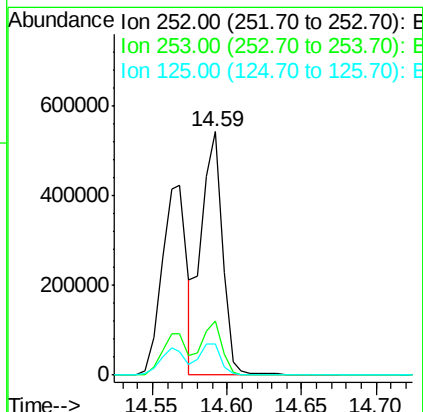
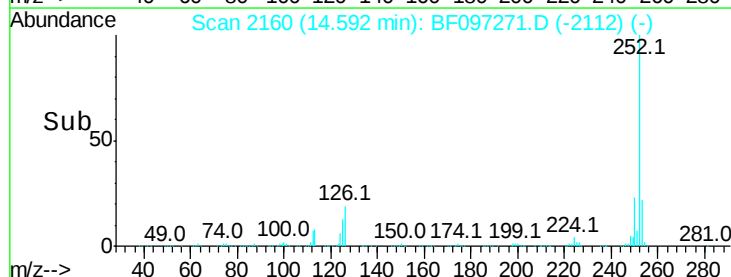
125 13.0 13.1 19.7#

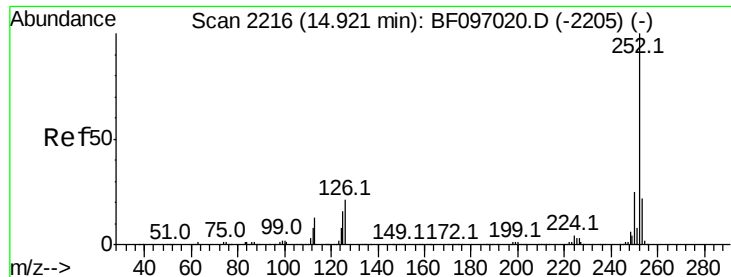


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 37.500 ng

RT: 14.87 min Scan# 2207

Delta R.T. -0.02 min

Lab File: BF097271.D

Acq: 2 Aug 2017 14:05

Instrument :

BNA_F

ClientSampled :

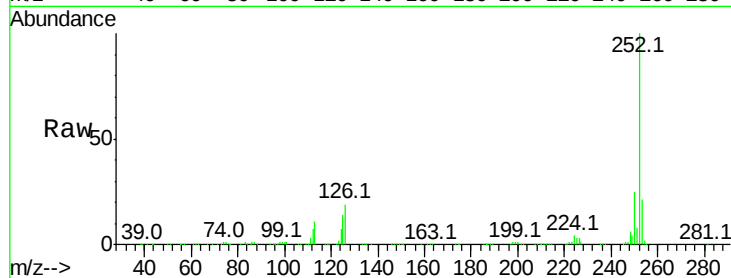
Tot Ion:252 Resp: 469551

Ion Ratio Lower Upper

252 100

253 21.3 17.5 26.3

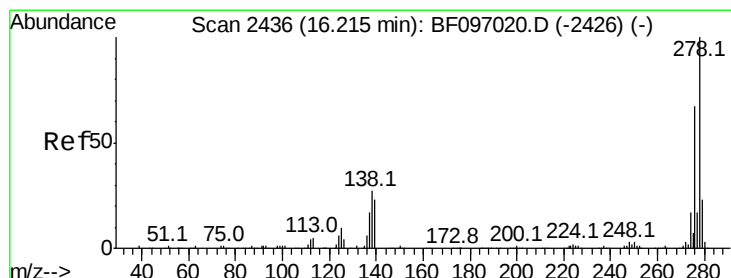
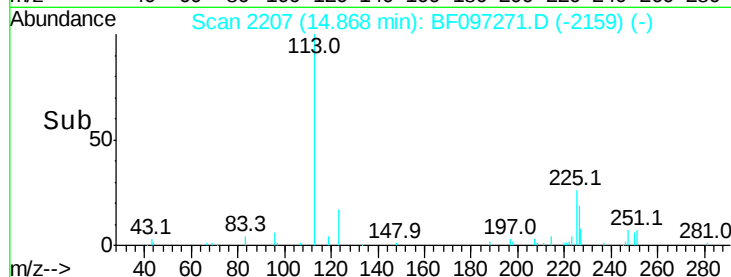
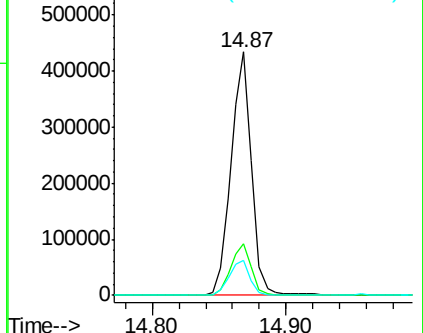
125 14.3 11.0 16.4



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: 35.001 ng

RT: 16.13 min Scan# 2422

Delta R.T. -0.02 min

Lab File: BF097271.D

Acq: 2 Aug 2017 14:05

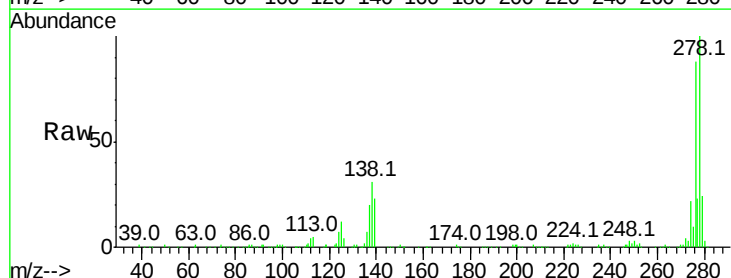
Tgt Ion:278 Resp: 359390

Ion Ratio Lower Upper

278 100

139 23.0 16.6 24.8

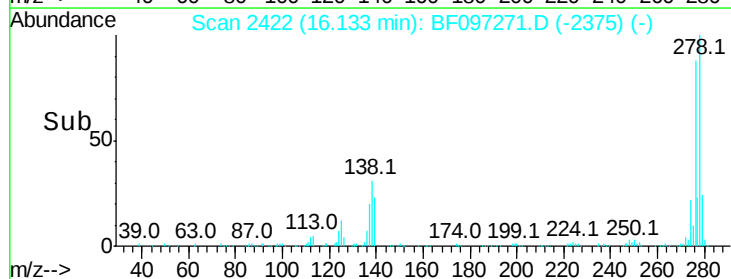
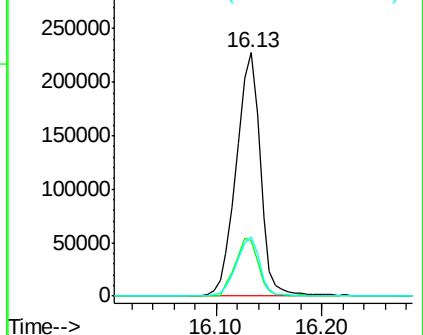
279 24.1 19.3 28.9

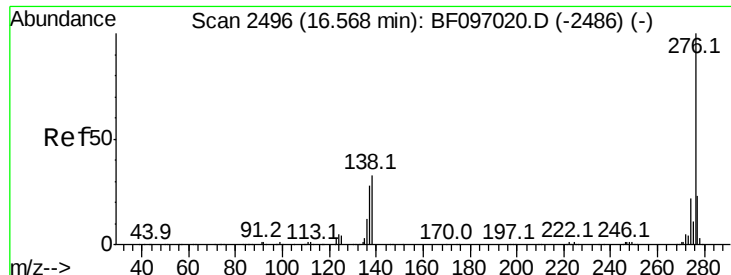


Abundance Ion 278.00 (277.70 to 278.70): E

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: 36.539 ng

RT: 16.48 min Scan# 2481

Delta R.T. -0.03 min

Lab File: BF097271.D

Acq: 2 Aug 2017 14:05

Instrument :

BNA_F

ClientSampleId :

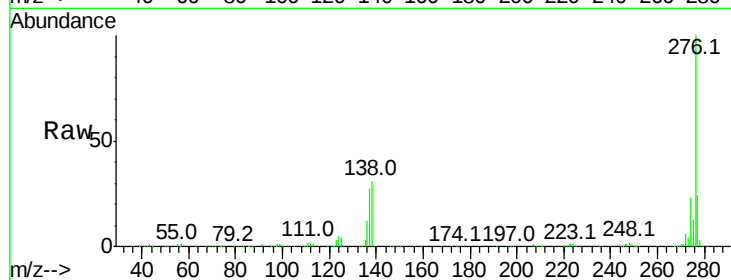
Tot Ion:276 Resp: 393444

Ion Ratio Lower Upper

276 100

277 23.9 18.6 28.0

138 31.4 25.4 38.0



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

