

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041417\
 Data File : BF094429.D
 Acq On : 14 Apr 2017 15:22
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 14 23:33:24 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 14 16:39:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	150737	20.00	ng	0.00
21) Naphthalene-d8	7.27	136	616343	20.00	ng	0.00
38) Acenaphthene-d10	9.41	164	283700	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	507018	20.00	ng	0.00
75) Chrysene-d12	14.48	240	400784	20.00	ng	0.00
86) Perylene-d12	16.10	264	339709	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.32	112	705333	79.03	ng	0.00
7) Phenol-d6	5.40	99	840691	76.15	ng	0.00
23) Nitrobenzene-d5	6.43	82	871937	80.73	ng	0.00
41) 2,4,6-Tribromophenol	10.39	330	180759	80.63	ng	0.00
44) 2-Fluorobiphenyl	8.60	172	1521555	81.80	ng	0.00
78) Terphenyl-d14	13.21	244	1473342	82.40	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.09	88	169029	39.42	ng	96
3) Pyridine	2.59	79	448925	38.42	ng	99
4) n-Nitrosodimethylamine	2.56	42	184567	38.39	ng	88
6) Aniline	5.40	93	564862	36.78	ng	96
8) 2-Chlorophenol	5.55	128	402135	40.99	ng	97
9) Benzaldehyde	5.27	77	257339	34.52	ng	97
10) Phenol	5.42	94	509206	40.53	ng	90
11) bis(2-Chloroethyl)ether	5.49	93	398425	40.58	ng	98
12) 1,3-Dichlorobenzene	5.71	146	448441	40.75	ng	99
13) 1,4-Dichlorobenzene	5.80	146	462972	41.54	ng	97
14) 1,2-Dichlorobenzene	5.97	146	419405	40.86	ng	97
15) Benzyl Alcohol	5.95	79	299487	37.06	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.11	45	542056	35.83	ng	# 45
17) 2-Methylphenol	6.10	107	331349	39.44	ng	# 91
18) Hexachloroethane	6.36	117	161106	41.13	ng	# 88
19) n-Nitroso-di-n-propylamine	6.27	70	294075	41.44	ng	96
20) 3+4-Methylphenols	6.29	107	459919	45.20	ng	# 63
22) Acetophenone	6.25	105	587230	42.75	ng	# 87
24) Nitrobenzene	6.45	77	424784	39.88	ng	95
25) Isophorone	6.74	82	761307	40.12	ng	94
26) 2-Nitrophenol	6.82	139	228098	44.90	ng	94
27) 2,4-Dimethylphenol	6.90	122	351325	40.14	ng	98
28) bis(2-Chloroethoxy)methane	7.00	93	499624	39.92	ng	100
29) 2,4-Dichlorophenol	7.13	162	341481	41.73	ng	98
30) 1,2,4-Trichlorobenzene	7.22	180	347091	41.18	ng	99
31) Naphthalene	7.30	128	1199760	40.48	ng	100
32) Benzoic acid	7.08	122	176137	30.23	ng	97
33) 4-Chloroaniline	7.37	127	489661	40.77	ng	94
34) Hexachlorobutadiene	7.46	225	180895	41.85	ng	99
35) Caprolactam	7.83	113	108128	41.43	ng	93
36) 4-Chloro-3-methylphenol	8.00	107	349139	40.83	ng	91
37) 2-Methylnaphthalene	8.15	142	806459	40.82	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.35	216	325188	41.90	ng	99
40) Hexachlorocyclopentadiene	8.34	237	132320	36.43	ng	97

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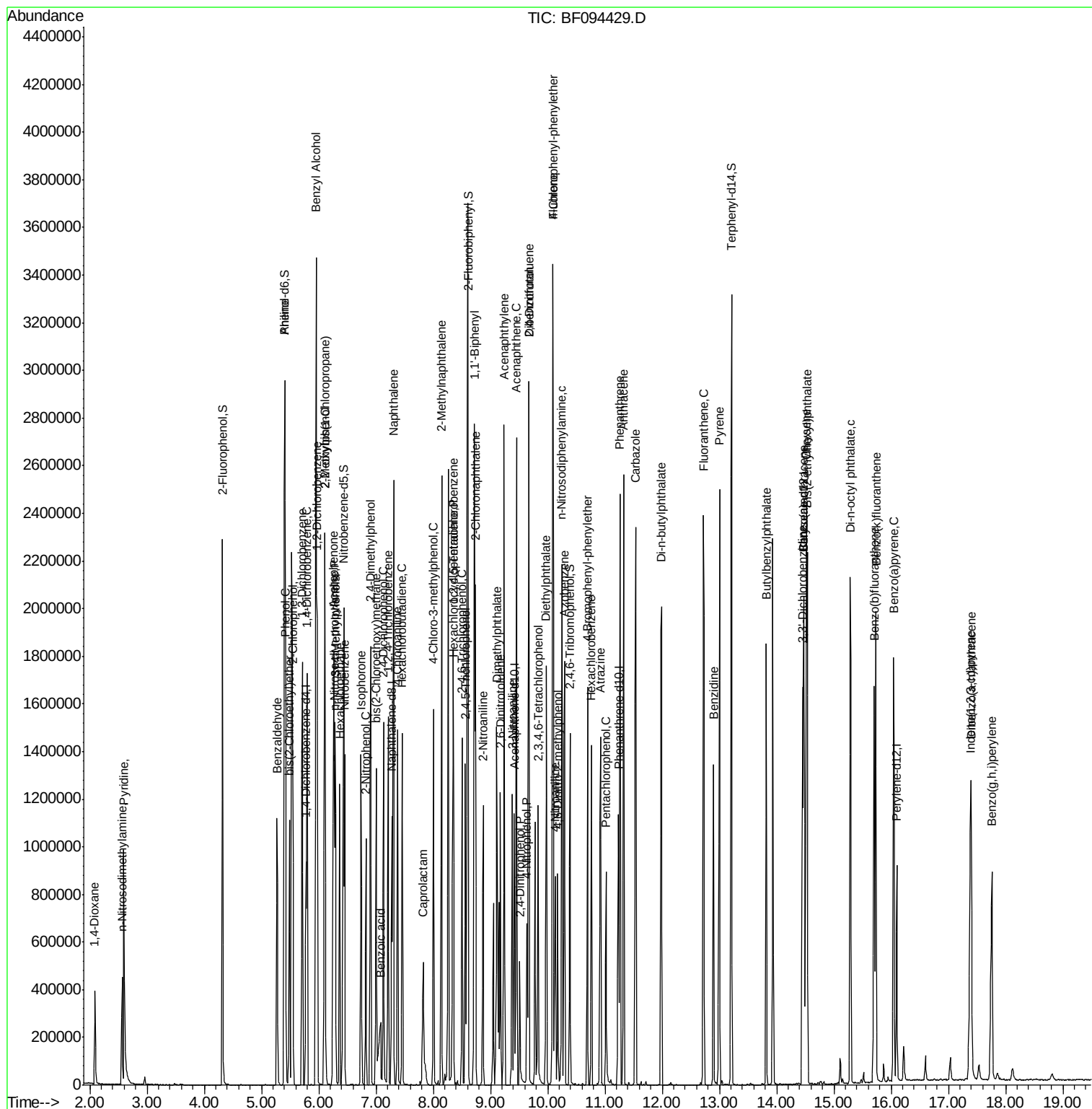
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.50	196	221059	40.26	nq	97
43) 2,4,5-Trichlorophenol	8.56	196	237161	39.92	nq	94
45) 1,1'-Biphenyl	8.72	154	924057	40.38	nq	98
46) 2-Chloronaphthalene	8.74	162	721340	40.27	nq	96
47) 2-Nitroaniline	8.87	65	217453	40.92	nq	86
48) Acenaphthylene	9.24	152	1166298	39.18	nq	99
49) Dimethylphthalate	9.11	163	831064	41.21	nq	100
50) 2,6-Dinitrotoluene	9.17	165	195008	42.18	nq	# 88
51) Acenaphthene	9.46	154	681814	39.25	nq	99
52) 3-Nitroaniline	9.38	138	223675	41.20	nq	91
53) 2,4-Dinitrophenol	9.51	184	84492	36.83	nq	# 73
54) Dibenzofuran	9.67	168	910297	38.50	nq	99
55) 4-Nitrophenol	9.63	139	125152	29.44	nq	# 70
56) 2,4-Dinitrotoluene	9.67	165	233491	40.21	nq	# 64
57) Fluorene	10.09	166	773936	39.47	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.83	232	157449	38.62	nq	97
59) Diethylphthalate	9.97	149	809472	40.61	nq	100
60) 4-Chlorophenyl-phenylether	10.10	204	332151	39.76	nq	89
61) 4-Nitroaniline	10.13	138	210364	40.38	nq	97
62) Azobenzene	10.29	77	730194	38.73	nq	95
64) 4,6-Dinitro-2-methylphenol	10.17	198	129851	41.82	nq	# 77
65) n-Nitrosodiphenylamine	10.25	169	694245	39.59	nq	97
66) 4-Bromophenyl-phenylether	10.69	248	203902	40.89	nq	99
67) Hexachlorobenzene	10.76	284	202678	40.15	nq	# 83
68) Atrazine	10.92	200	212155	40.40	nq	96
69) Pentachlorophenol	11.02	266	113972	36.27	nq	100
70) Phenanthrene	11.26	178	1116714	39.59	nq	98
71) Anthracene	11.33	178	1143347	39.37	nq	99
72) Carbazole	11.53	167	1157420	38.87	nq	99
73) Di-n-butylphthalate	11.99	149	1269698	41.00	nq	98
74) Fluoranthene	12.72	202	1158558	40.12	nq	98
76) Benzidine	12.90	184	566122	35.69	nq	96
77) Pyrene	13.00	202	1189163	40.88	nq	99
79) Butylbenzylphthalate	13.82	149	536720	43.31	nq	# 84
80) Benzo(a)anthracene	14.47	228	966472	41.35	nq	99
81) 3,3'-Dichlorobenzidine	14.44	252	352540	42.20	nq	# 98
82) Chrysene	14.52	228	899984	41.50	nq	99
83) Bis(2-ethylhexyl)phthalate	14.53	149	751641	44.45	nq	# 100
84) Di-n-octyl phthalate	15.29	149	1232472	43.63	nq	98
85) Indeno(1,2,3-cd)pyrene	17.38	276	753431	40.11	nq	99
87) Benzo(b)fluoranthene	15.70	252	862572	41.42	nq	99
88) Benzo(k)fluoranthene	15.73	252	818280	40.16	nq	96
89) Benzo(a)pyrene	16.04	252	776730	40.51	nq	99
90) Dibenzo(a,h)anthracene	17.40	278	638158	39.30	nq	99
91) Benzo(g,h,i)perylene	17.76	276	628692	38.41	nq	98

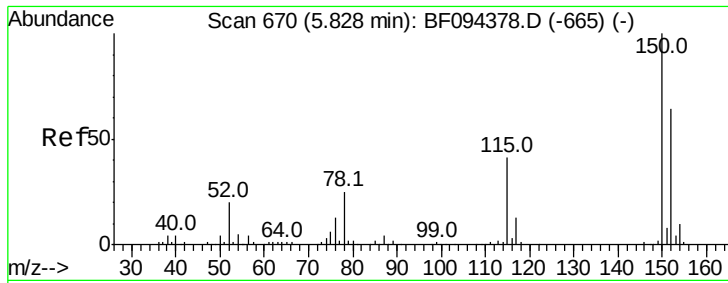
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BF094429.D  
Acq On    : 14 Apr 2017  15:22  
Operator  : SJ/MA  
Sample    : SSTDCCC040  
Misc      :  
ALS Vial  : 2      Sample Multiplier: 1
```

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BNA_F
ClientSampleId :

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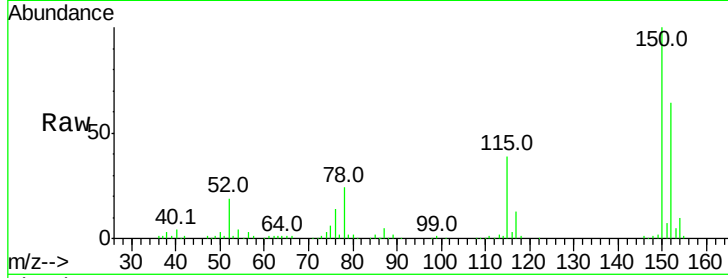


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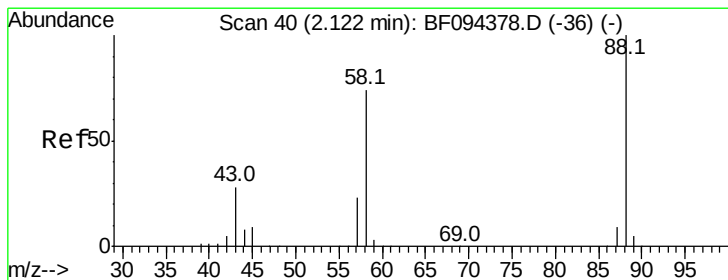
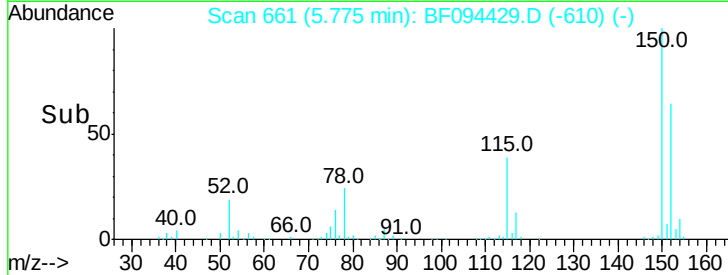
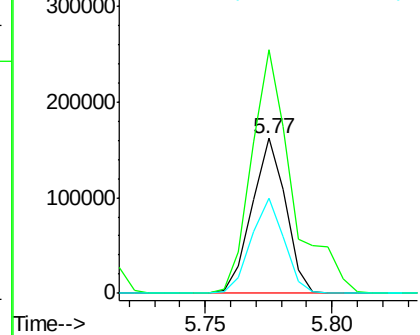
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF094429.D
Acq: 14 Apr 2017 15:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 150737
Ion Ratio Lower Upper
152 100
150 157.4 126.2 189.2
115 61.2 52.2 78.2



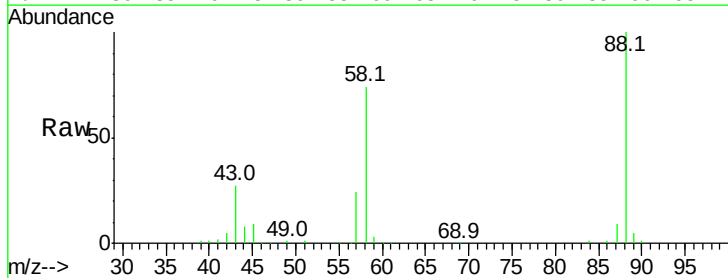
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



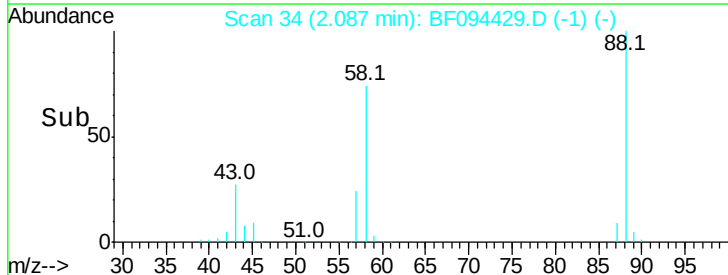
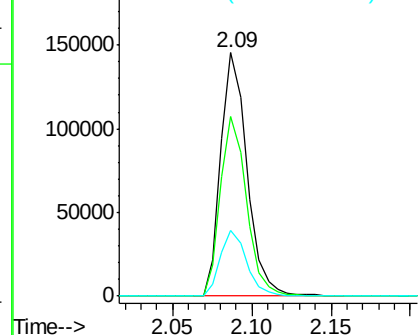
#2

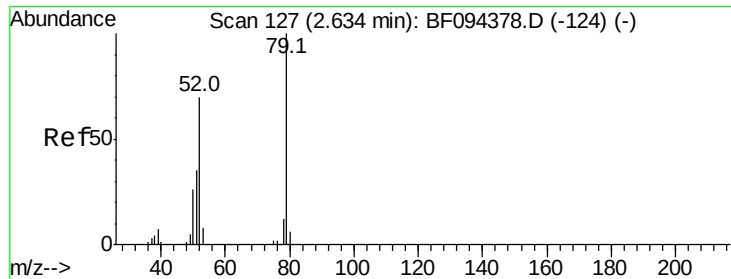
1,4-Dioxane
Concen: 39.42 ng
RT: 2.09 min Scan# 34
Delta R.T. 0.00 min
Lab File: BF094429.D
Acq: 14 Apr 2017 15:22

Tgt Ion: 88 Resp: 169029
Ion Ratio Lower Upper
88 100
58 73.2 61.4 92.0
43 27.1 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

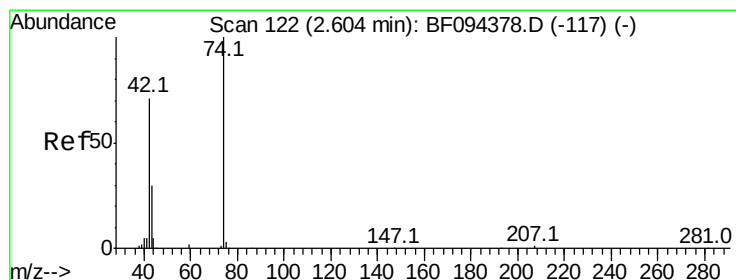
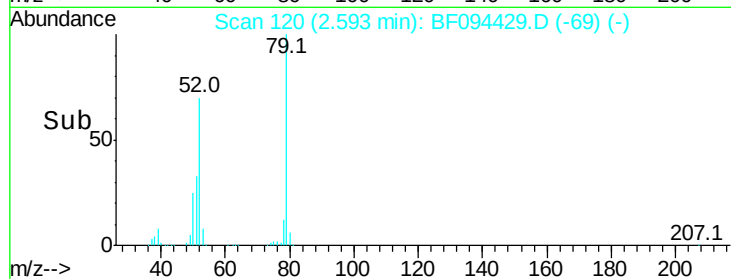
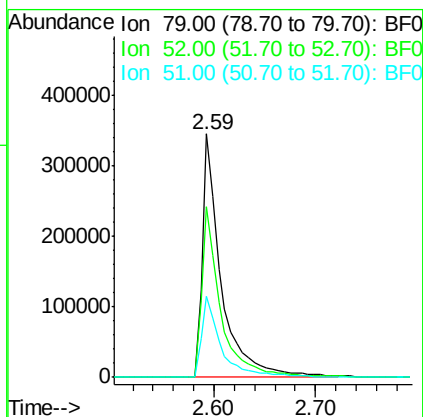
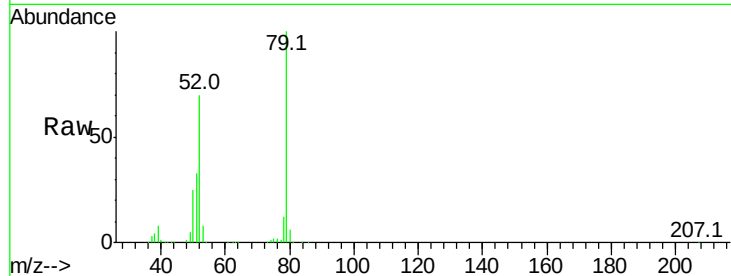




#3
 Pvridine
 Concen: 38.42 ng
 RT: 2.59 min Scan# 120
 Delta R.T. 0.00 min
 Lab File: BF094429.D
 Acq: 14 Apr 2017 15:22

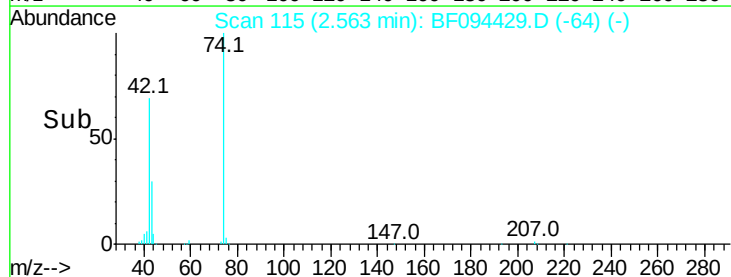
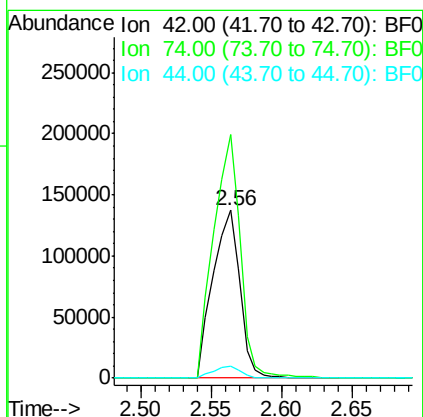
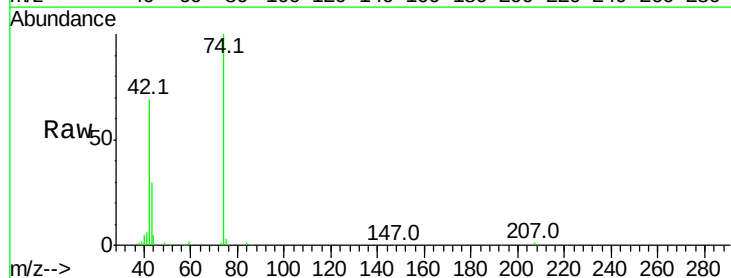
Instrument :
 BNA_F
 ClientSampleId :

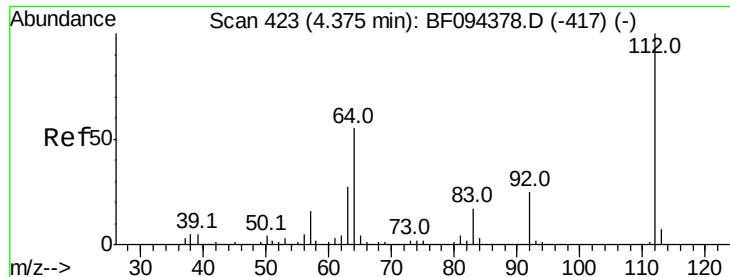
Tot Ion: 79 Resp: 448925
 Ion Ratio Lower Upper
 79 100
 52 69.9 54.8 82.2
 51 33.3 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 38.39 ng
 RT: 2.56 min Scan# 115
 Delta R.T. 0.00 min
 Lab File: BF094429.D
 Acq: 14 Apr 2017 15:22

Tgt Ion: 42 Resp: 184567
 Ion Ratio Lower Upper
 42 100
 74 144.9 103.9 155.9
 44 7.4 5.7 8.5





#5

2-Fluorophenol

Concen: 79.03 ng

RT: 4.32 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF094429.D

Acq: 14 Apr 2017 15:22

Instrument :

BNA_F

ClientSampled :

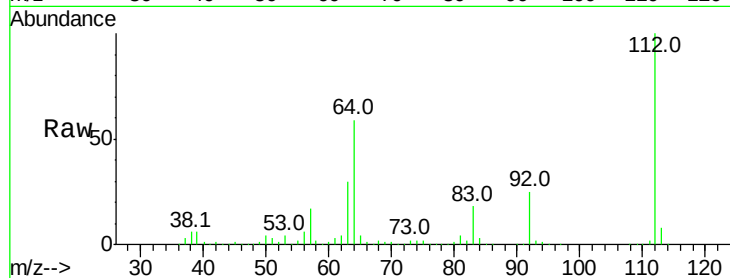
Tot Ion:112 Resp: 705333

Ion Ratio Lower Upper

112 100

64 58.9 46.0 69.0

63 29.8 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

800000

600000

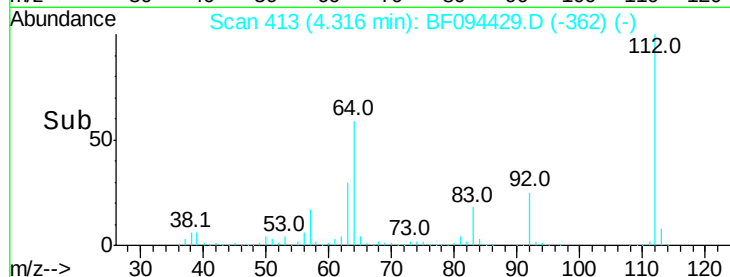
400000

200000

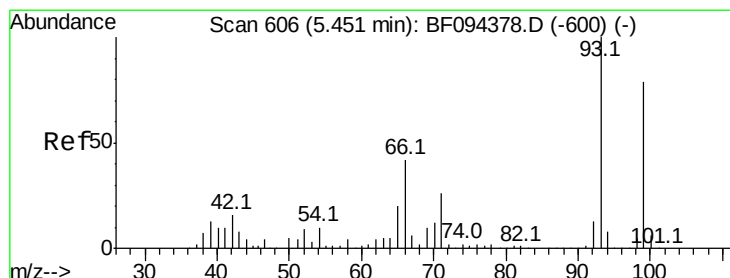
0

4.32

4.25 4.30 4.35 4.40



Time-->



#6

Aniline

Concen: 36.78 ng

RT: 5.40 min Scan# 597

Delta R.T. 0.00 min

Lab File: BF094429.D

Acq: 14 Apr 2017 15:22

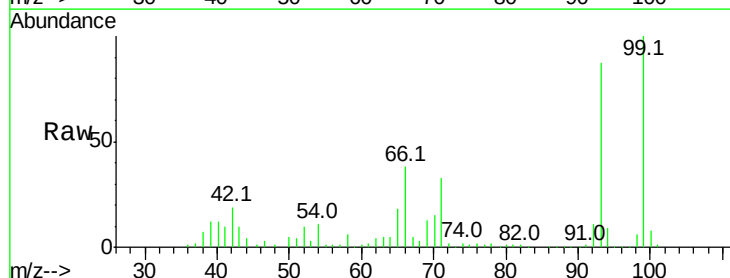
Tgt Ion: 93 Resp: 564862

Ion Ratio Lower Upper

93 100

66 44.4 32.9 49.3

65 20.6 16.0 24.0



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

600000

500000

400000

300000

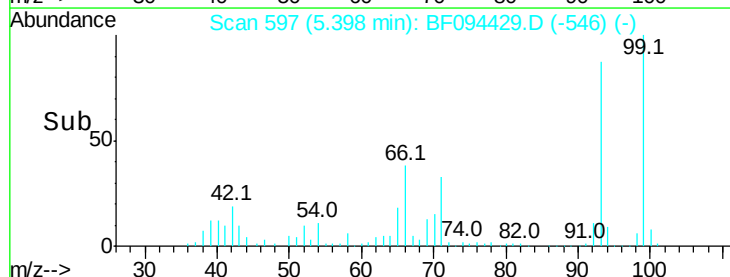
200000

100000

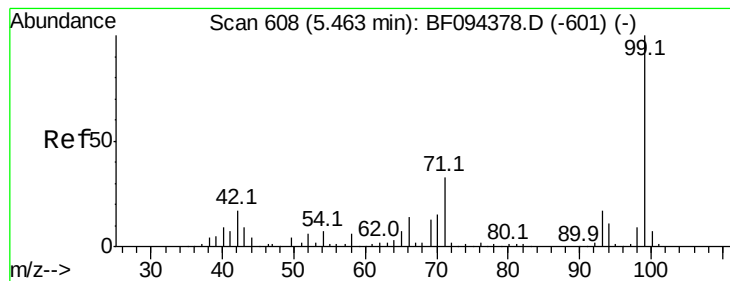
0

5.40

5.35 5.40 5.45



Time-->



#7

Phenol-d6

Concen: 76.15 ng

RT: 5.40 min Scan# 598

Delta R.T. 0.00 min

Lab File: BF094429.D

Acq: 14 Apr 2017 15:22

Instrument :

BNA_F

ClientSampled :

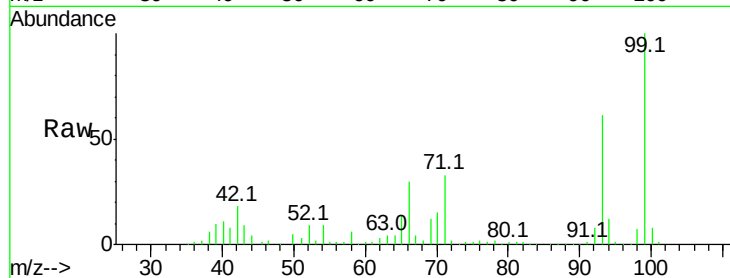
Tot Ion: 99 Resp: 840691

Ion Ratio Lower Upper

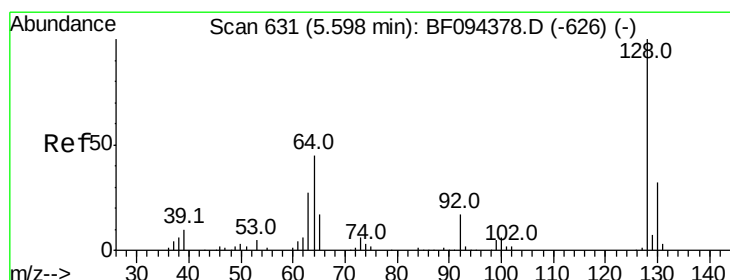
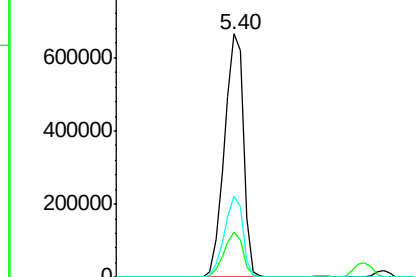
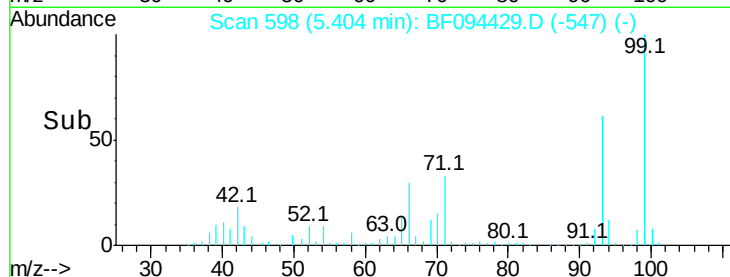
99 100

42 18.4 13.5 20.3

71 33.3 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: 40.99 ng

RT: 5.55 min Scan# 622

Delta R.T. 0.00 min

Lab File: BF094429.D

Acq: 14 Apr 2017 15:22

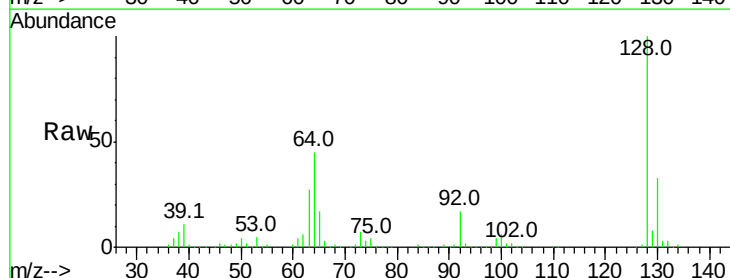
Tgt Ion: 128 Resp: 402135

Ion Ratio Lower Upper

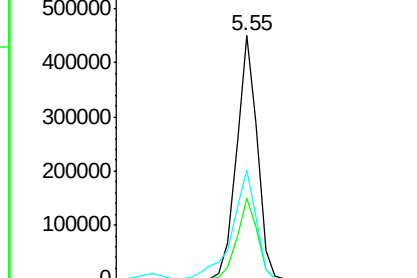
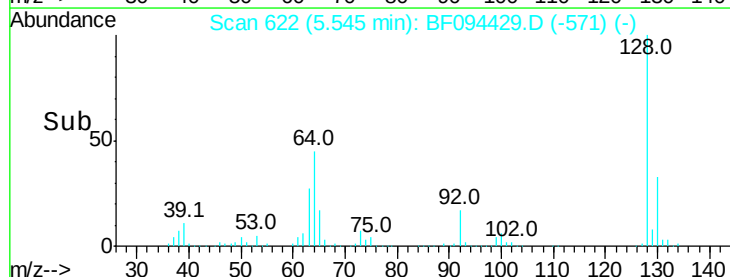
128 100

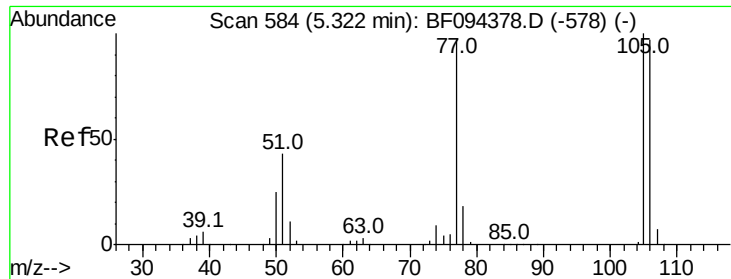
130 33.1 12.9 52.9

64 44.7 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

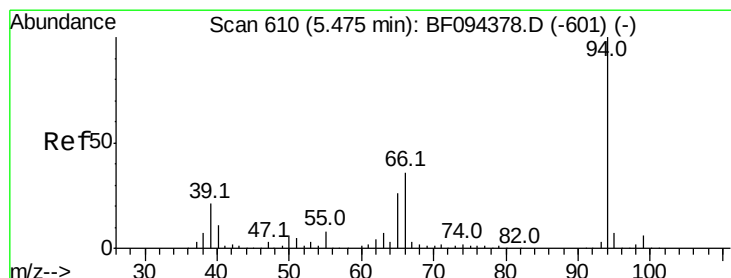
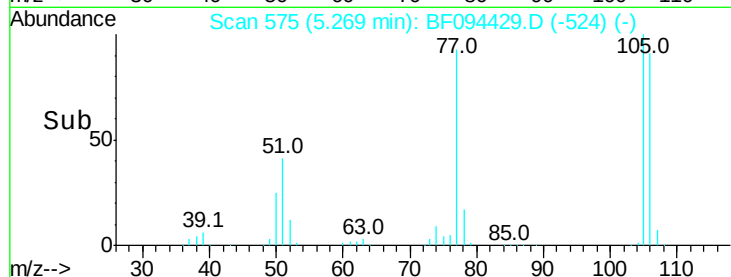
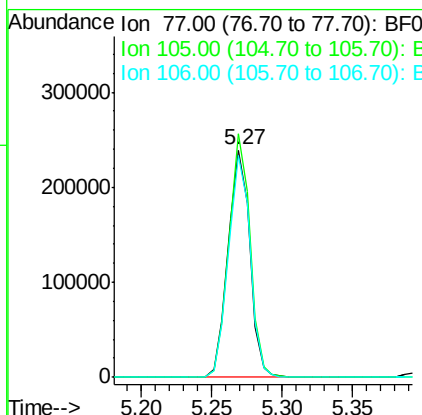
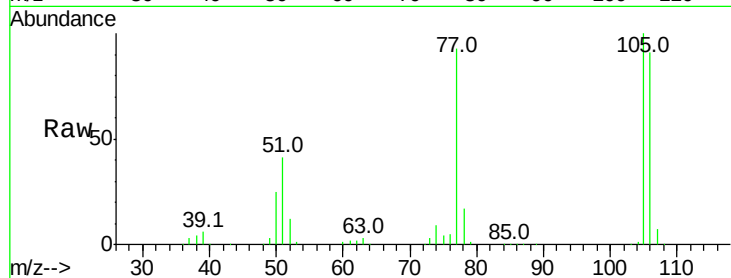




#9
Benzaldehyde
Concen: 34.52 ng
RT: 5.27 min Scan# 575
Delta R.T. 0.00 min
Lab File: BF094429.D
Acq: 14 Apr 2017 15:22

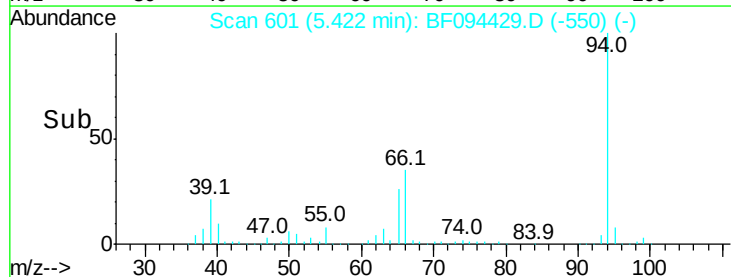
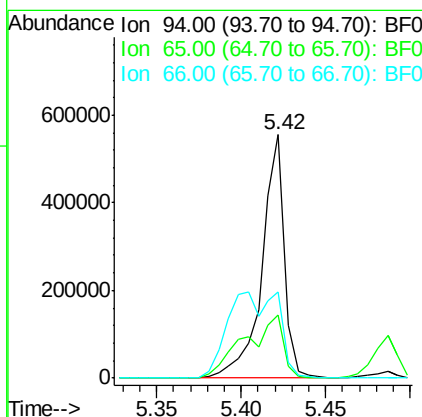
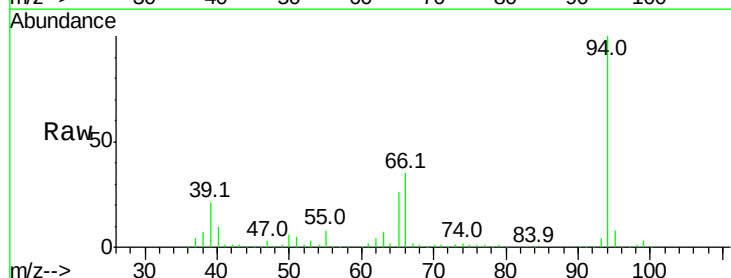
Instrument :
BNA_F
ClientSampleId :

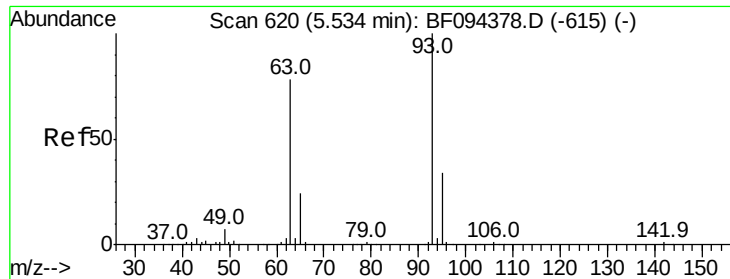
Tot Ion: 77 Resp: 257339
Ion Ratio Lower Upper
77 100
105 107.2 83.8 123.8
106 97.5 79.1 119.1



#10
Phenol
Concen: 40.53 ng
RT: 5.42 min Scan# 601
Delta R.T. 0.00 min
Lab File: BF094429.D
Acq: 14 Apr 2017 15:22

Tgt Ion: 94 Resp: 509206
Ion Ratio Lower Upper
94 100
65 25.8 9.9 49.9
66 35.2 23.1 63.1

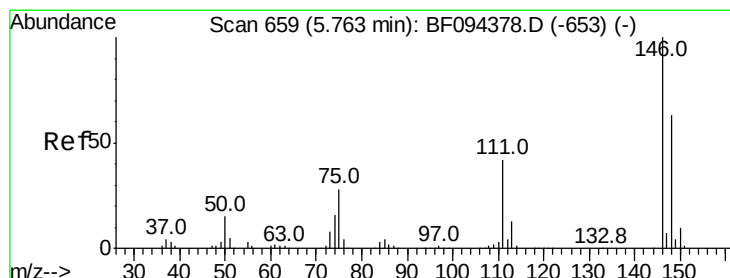
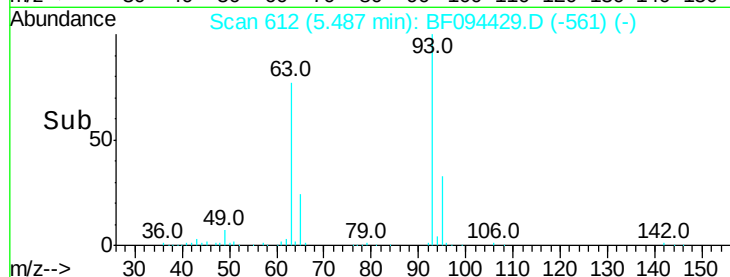
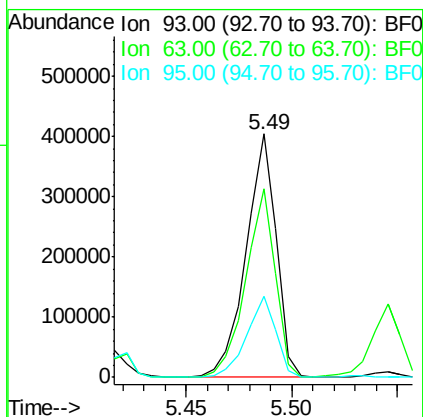
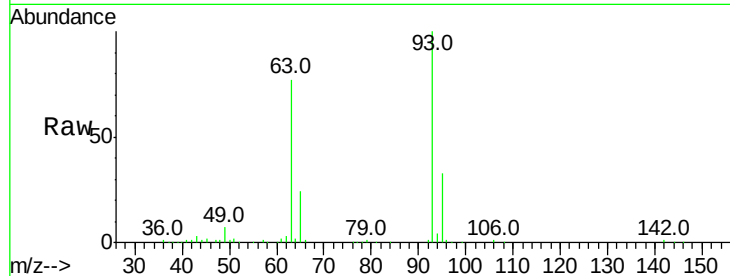




#11
bis(2-Chloroethyl)ether
Concen: 40.58 ng
RT: 5.49 min Scan# 612
Delta R.T. 0.00 min
Lab File: BF094429.D
Acq: 14 Apr 2017 15:22

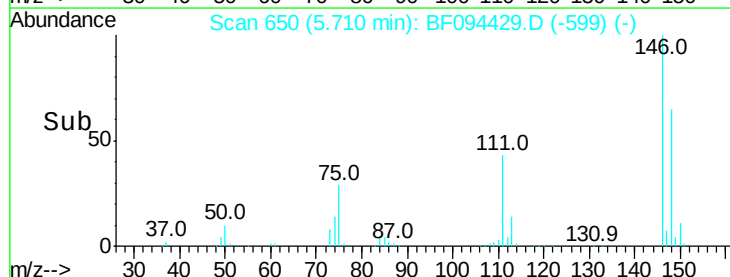
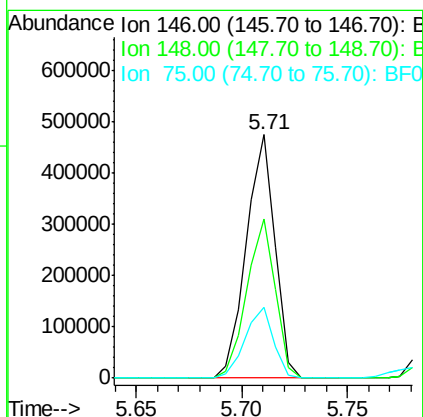
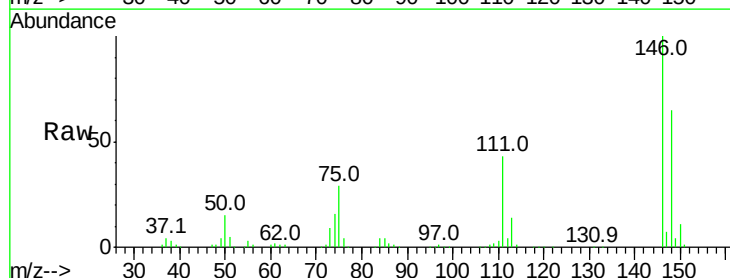
Instrument :
BNA_F
ClientSampled :

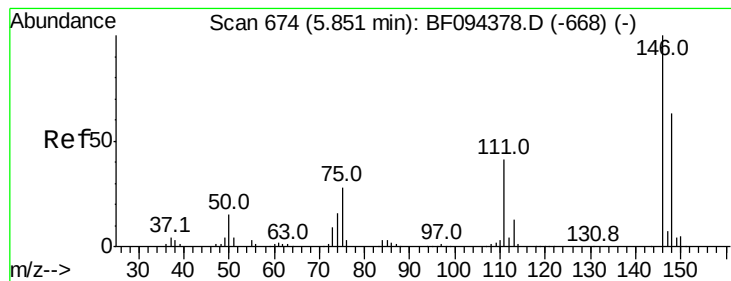
Tot Ion: 93 Resp: 398425
Ion Ratio Lower Upper
93 100
63 77.3 59.2 99.2
95 33.1 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 40.75 ng
RT: 5.71 min Scan# 650
Delta R.T. 0.00 min
Lab File: BF094429.D
Acq: 14 Apr 2017 15:22

Tgt Ion: 146 Resp: 448441
Ion Ratio Lower Upper
146 100
148 65.1 51.8 77.6
75 29.3 23.1 34.7

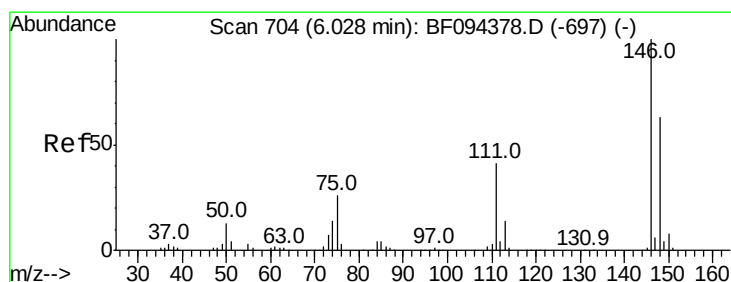
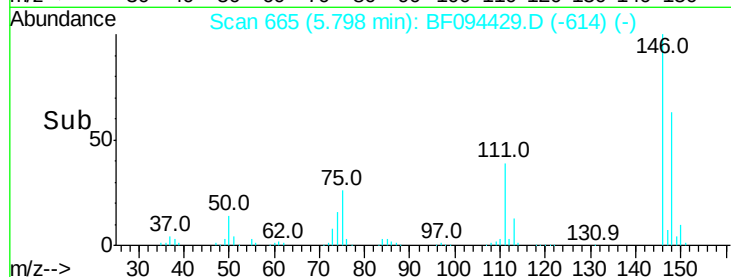
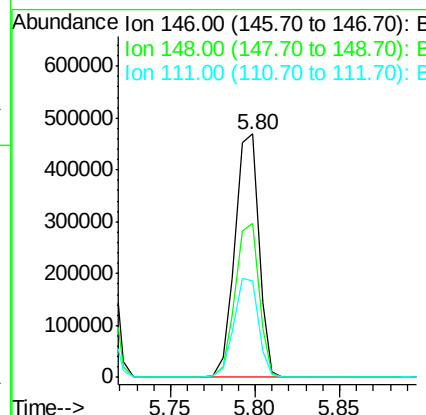
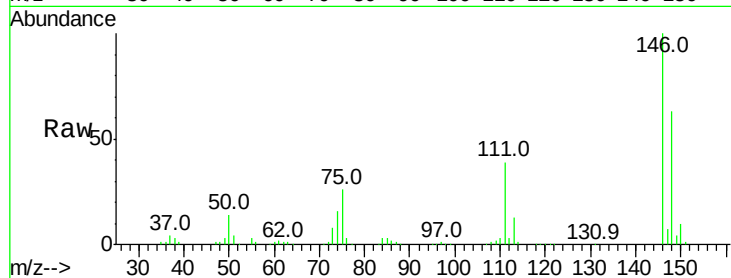




#13
 1,4-Dichlorobenzene
 Concen: 41.54 ng
 RT: 5.80 min Scan# 665
 Delta R.T. 0.00 min
 Lab File: BF094429.D
 Acq: 14 Apr 2017 15:22

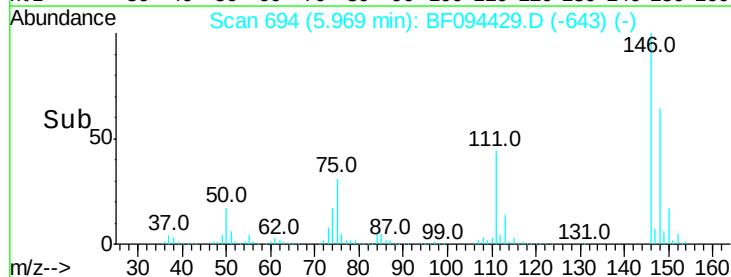
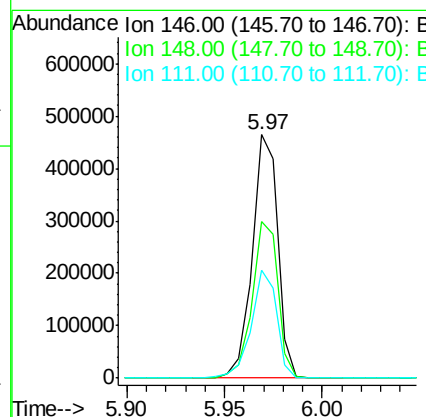
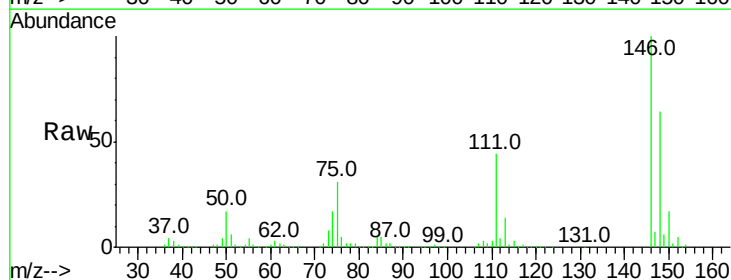
Instrument :
 BNA_F
 ClientSampled :

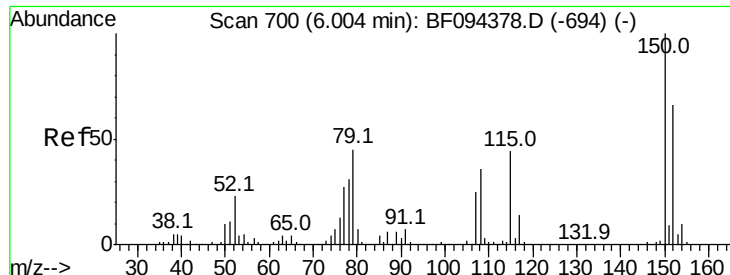
Tot Ion:146 Resp: 462972
 Ion Ratio Lower Upper
 146 100
 148 63.1 52.2 78.2
 111 39.4 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 40.86 ng
 RT: 5.97 min Scan# 694
 Delta R.T. 0.00 min
 Lab File: BF094429.D
 Acq: 14 Apr 2017 15:22

Tgt Ion:146 Resp: 419405
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.4 75.6
 111 44.3 38.2 57.4

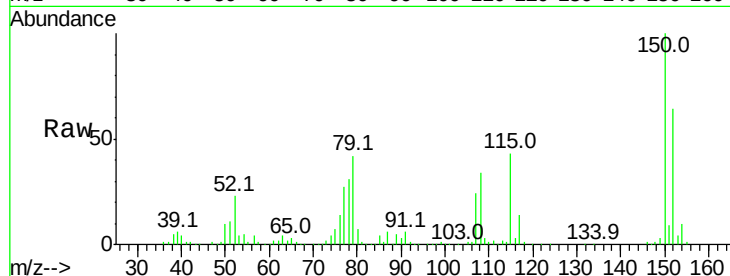




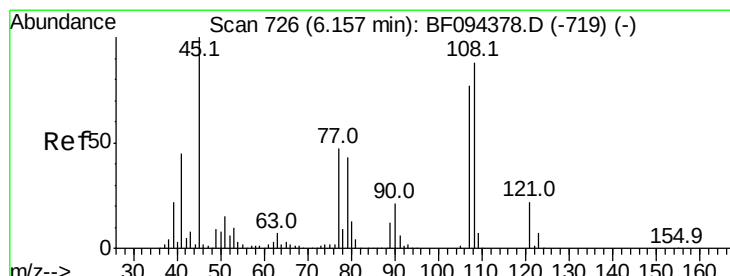
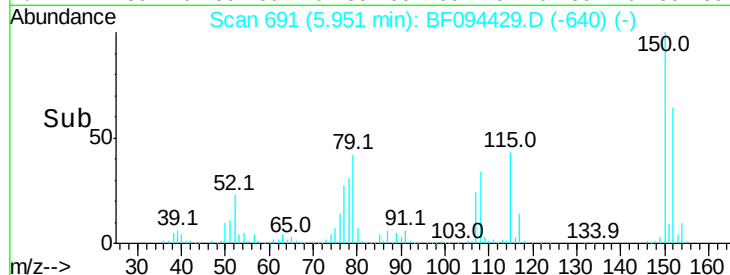
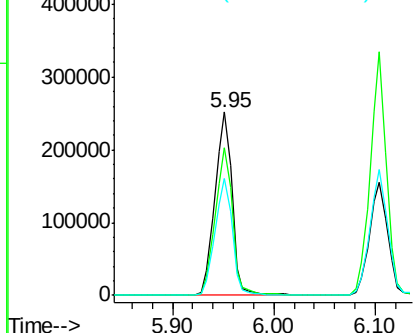
#15
Benzyl Alcohol
Concen: 37.06 ng
RT: 5.95 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF094429.D
Acq: 14 Apr 2017 15:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 299487
Ion Ratio Lower Upper
79 100
108 80.9 63.4 95.0
77 63.6 49.2 73.8

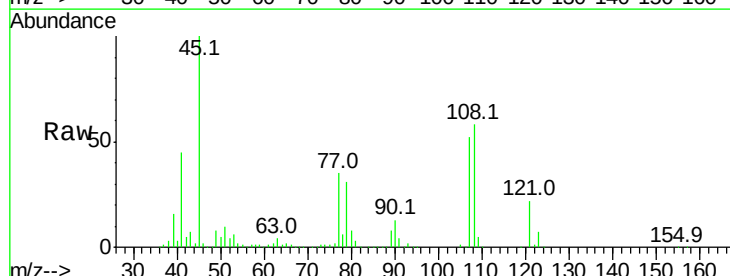


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

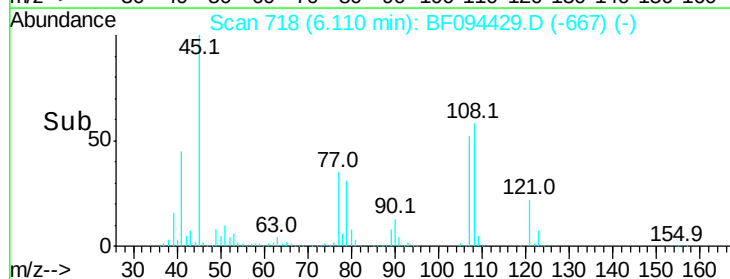
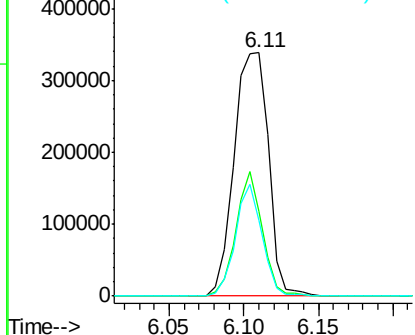


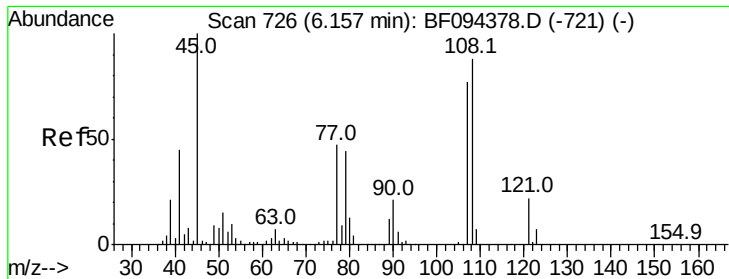
#16
2,2'-oxybis(1-chloropropane)
Concen: 35.83 ng
RT: 6.11 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF094429.D
Acq: 14 Apr 2017 15:22

Tgt Ion: 45 Resp: 542056
Ion Ratio Lower Upper
45 100
77 34.6 0.0 33.2#
79 31.3 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: 39.44 ng

RT: 6.10 min Scan# 717

Delta R.T. 0.00 min

Lab File: BF094429.D

Acq: 14 Apr 2017 15:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 331349

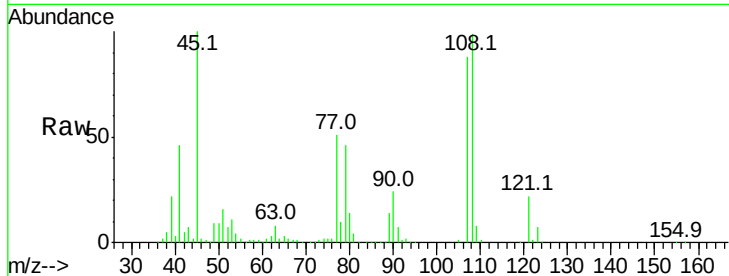
Ion Ratio Lower Upper

107 100

108 113.4 93.4 140.0

77 58.5 35.8 53.6#

79 52.6 34.8 52.2#

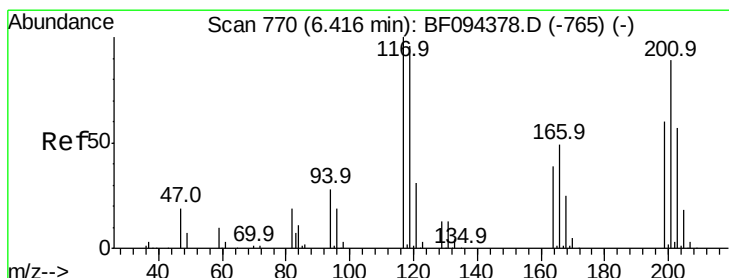
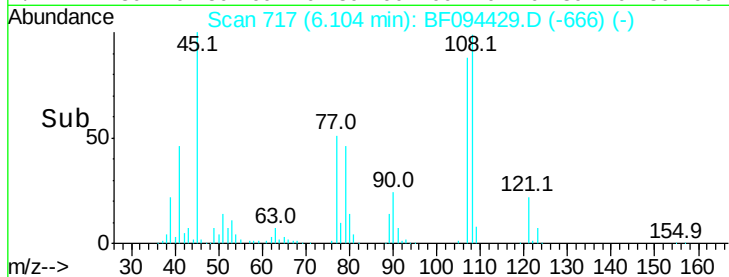
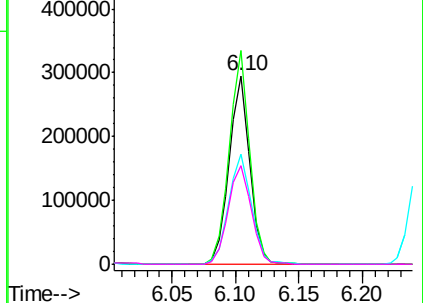


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 41.13 ng

RT: 6.36 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF094429.D

Acq: 14 Apr 2017 15:22

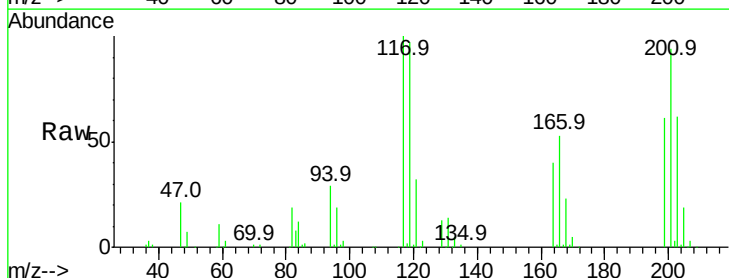
Tgt Ion:117 Resp: 161106

Ion Ratio Lower Upper

117 100

119 96.8 77.4 116.0

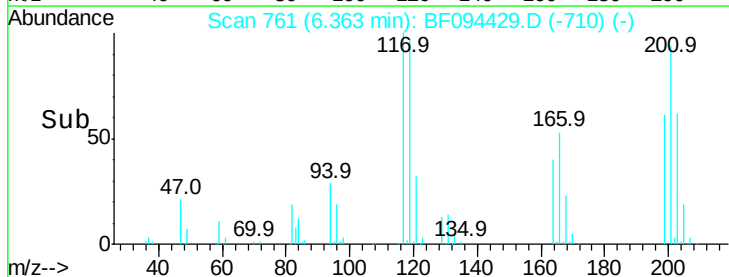
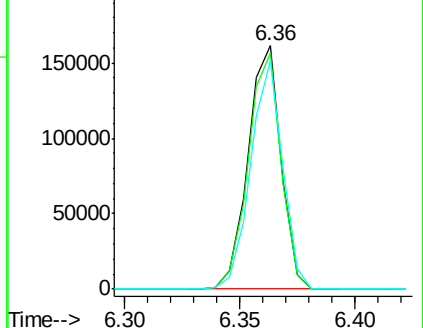
201 93.9 94.6 141.8#

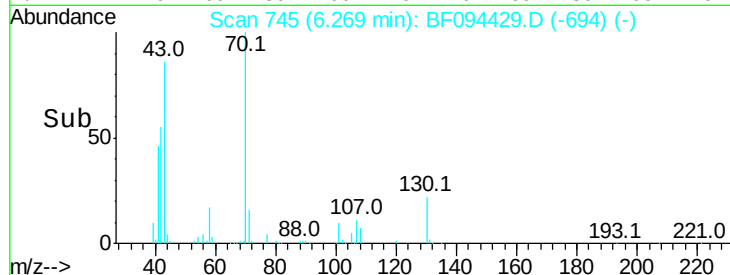
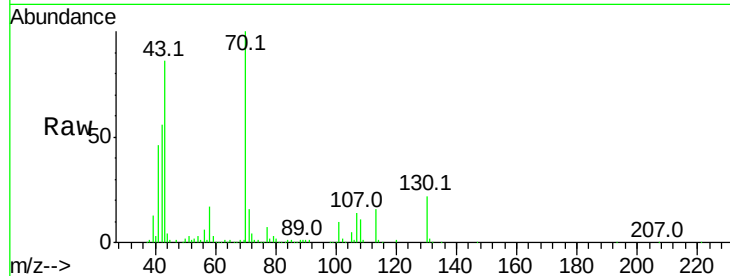
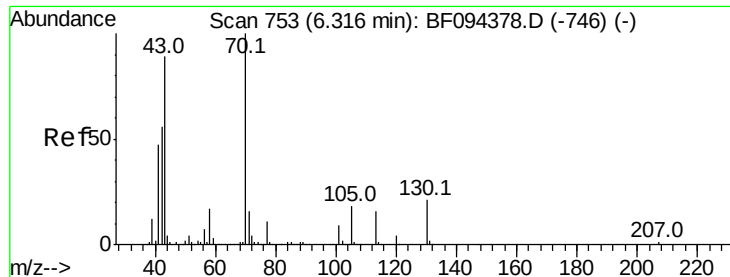


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

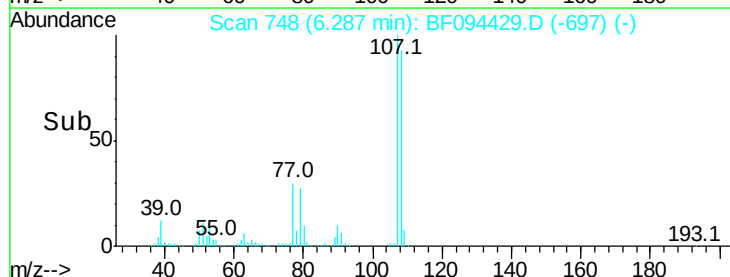
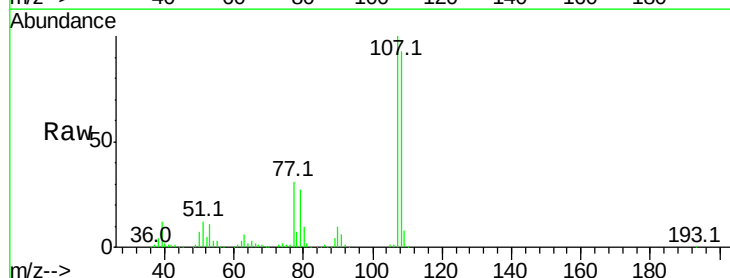
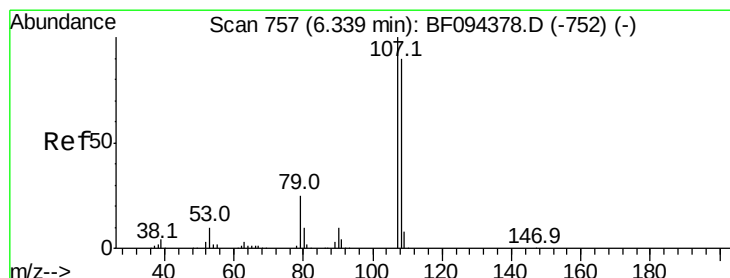
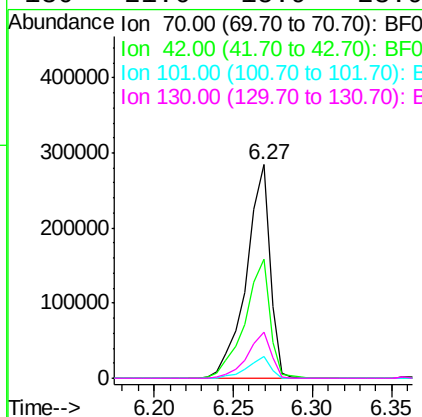




#19
n-Nitroso-di-n-propylamine
Concen: 41.44 ng
RT: 6.27 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF094429.D
Acq: 14 Apr 2017 15:22

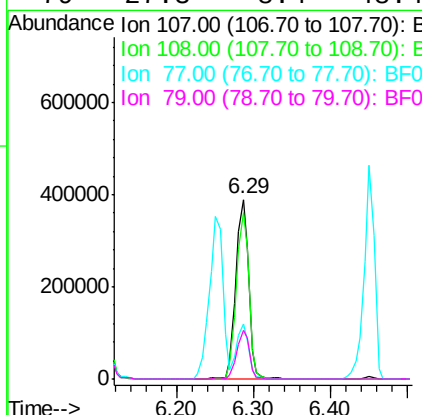
Instrument :
BNA_F
ClientSampleId :

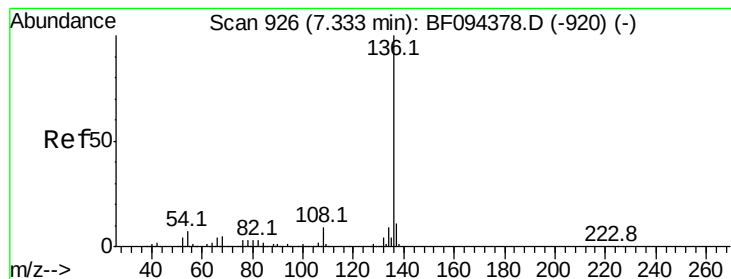
Tot Ion:	70	Resp:	294075
Ion	Ratio	Lower	Upper
70	100		
42	55.5	47.2	70.8
101	10.0	7.2	10.8
130	21.6	15.9	23.9



#20
3+4-Methylphenols
Concen: 45.20 ng
RT: 6.29 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF094429.D
Acq: 14 Apr 2017 15:22

Tgt Ion:	107	Resp:	459919
Ion	Ratio	Lower	Upper
107	100		
108	92.7	71.0	111.0
77	30.6	90.5	130.5#
79	27.3	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.27 min Scan# 916

Delta R.T. 0.00 min

Lab File: BF094429.D

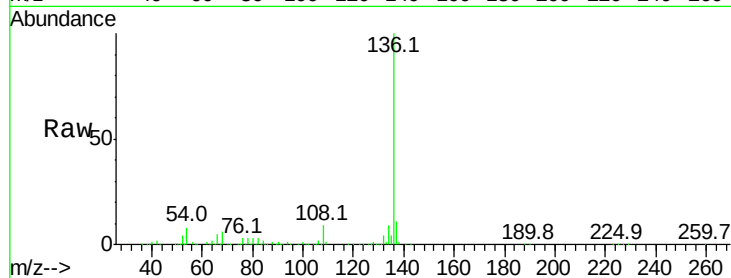
Acq: 14 Apr 2017 15:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	616343
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.5 12.7
54	7.8	4.9 7.3#
68	5.8	4.1 6.1



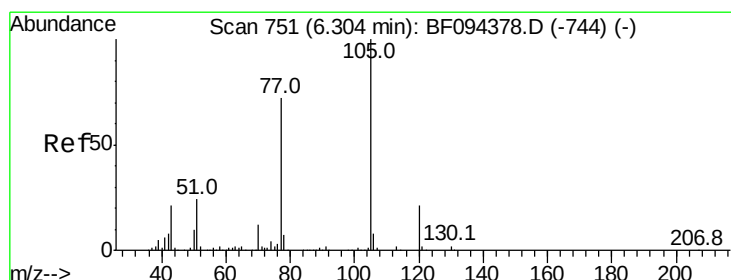
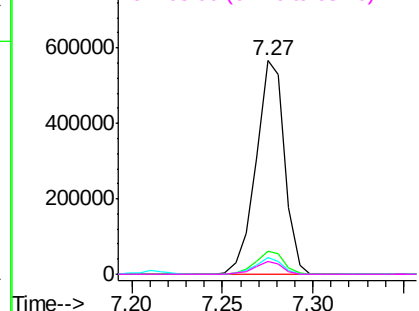
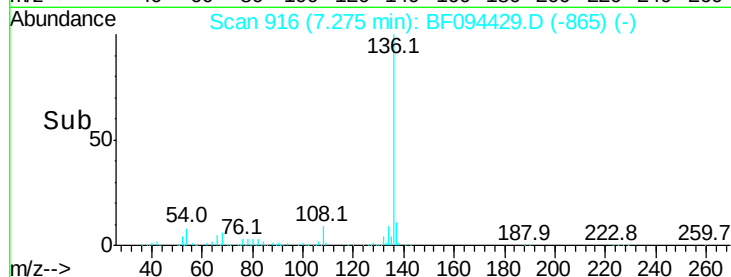
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 42.75 ng

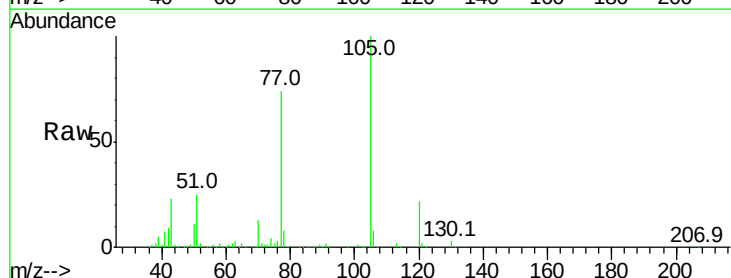
RT: 6.25 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF094429.D

Acq: 14 Apr 2017 15:22

Tgt Ion:105	Resp:	587230
Ion Ratio	Lower	Upper
105	100	
71	2.4	2.8 4.2#
51	25.4	30.7 46.1#
120	21.6	17.4 26.0



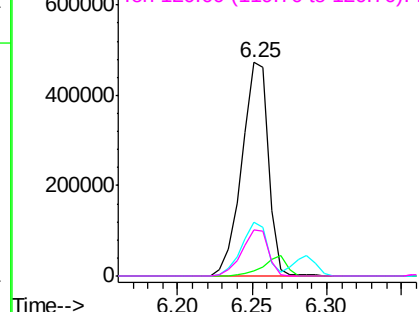
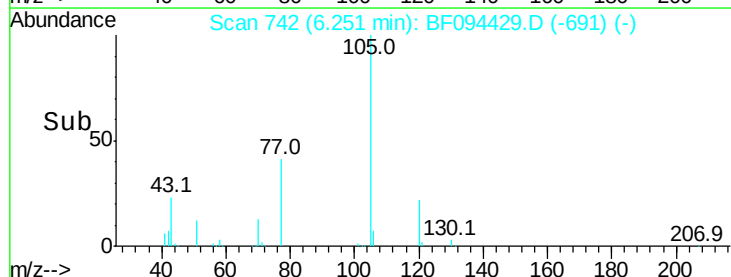
Abundance

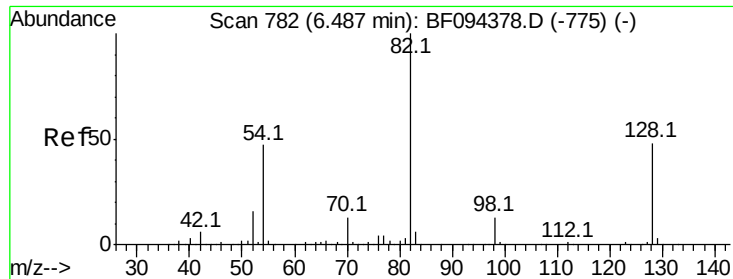
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

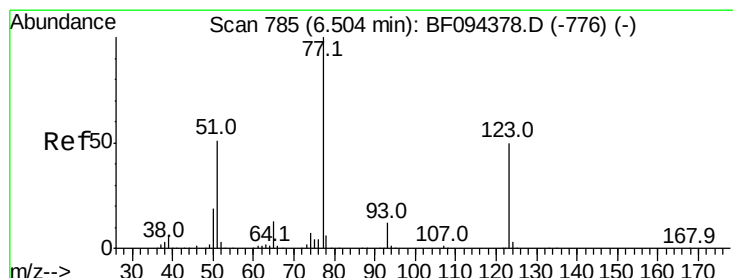
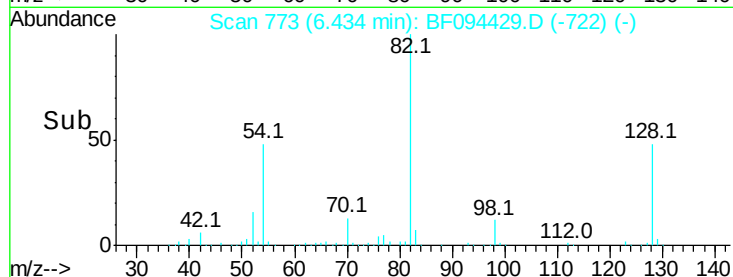
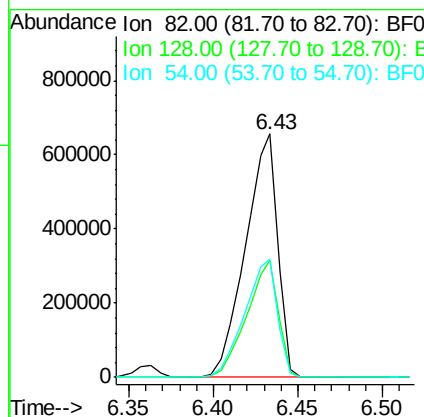
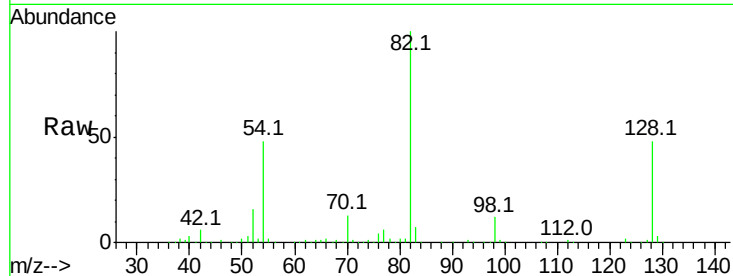




#23
 Nitrobenzene-d5
 Concen: 80.73 ng
 RT: 6.43 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF094429.D
 Acq: 14 Apr 2017 15:22

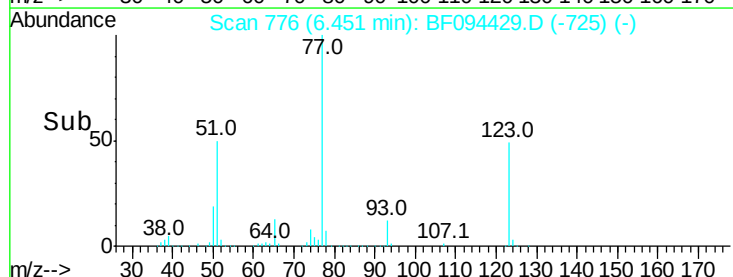
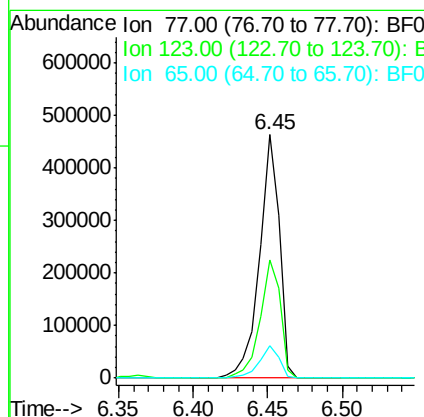
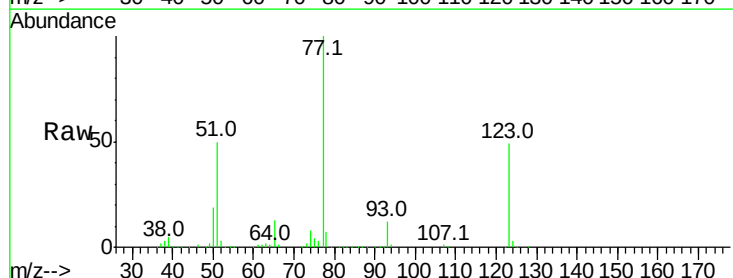
Instrument :
 BNA_F
 ClientSampled :

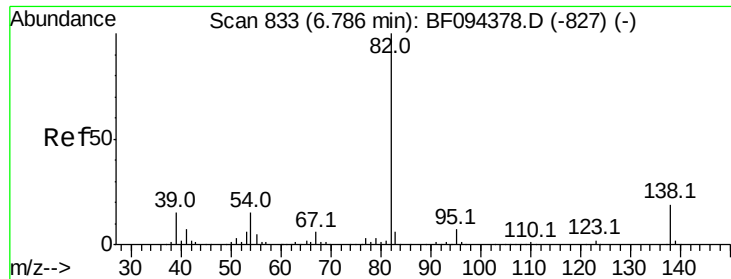
Tot Ion: 82 Resp: 871937
 Ion Ratio Lower Upper
 82 100
 128 47.8 34.0 51.0
 54 48.4 42.2 63.2



#24
 Nitrobenzene
 Concen: 39.88 ng
 RT: 6.45 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF094429.D
 Acq: 14 Apr 2017 15:22

Tgt Ion: 77 Resp: 424784
 Ion Ratio Lower Upper
 77 100
 123 48.6 35.8 53.8
 65 13.1 10.6 15.8





#25

Isophorone

Concen: 40.12 ng

RT: 6.74 min Scan# 825

Delta R.T. 0.00 min

Lab File: BF094429.D

Acq: 14 Apr 2017 15:22

Instrument :

BNA_F

ClientSampleId :

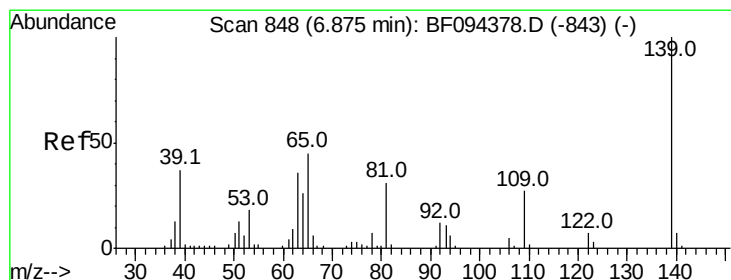
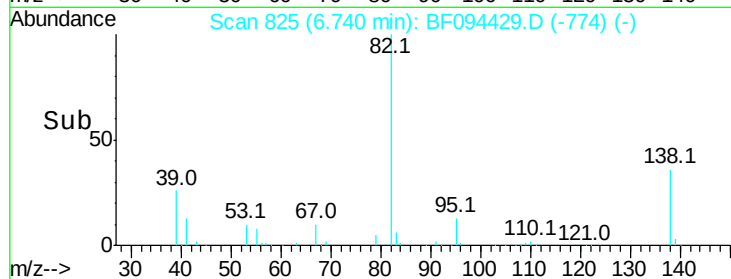
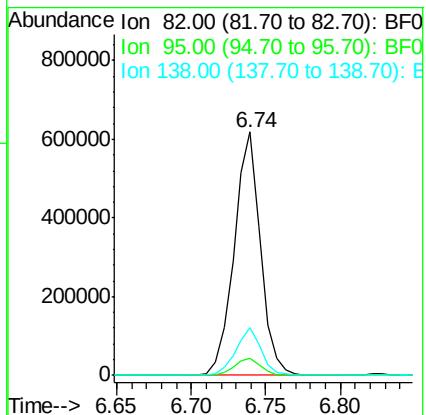
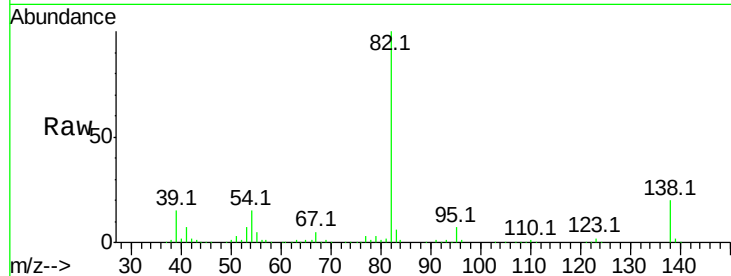
Tot Ion: 82 Resp: 761307

Ion Ratio Lower Upper

82 100

95 7.1 5.3 7.9

138 19.6 13.1 19.7



#26

2-Nitrophenol

Concen: 44.90 ng

RT: 6.82 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF094429.D

Acq: 14 Apr 2017 15:22

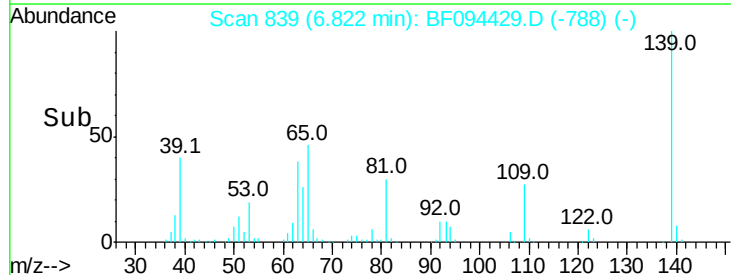
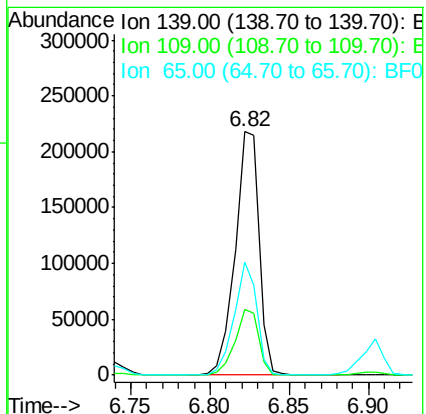
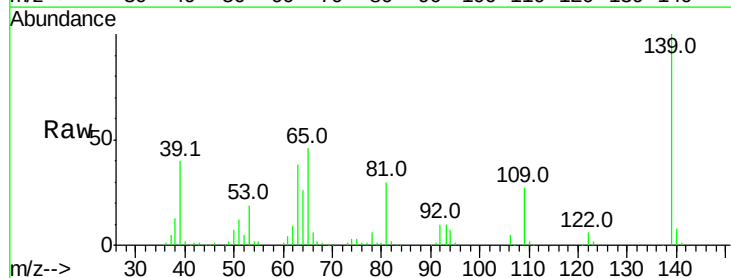
Tgt Ion:139 Resp: 228098

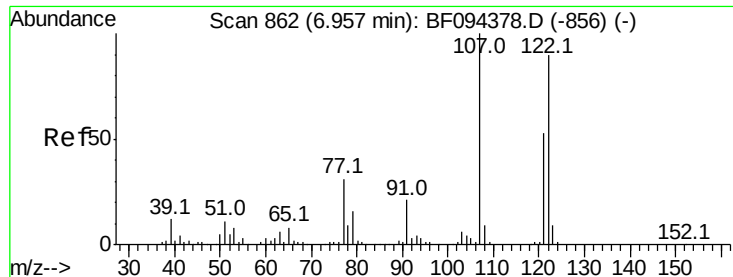
Ion Ratio Lower Upper

139 100

109 27.1 21.0 31.6

65 46.4 33.0 49.6

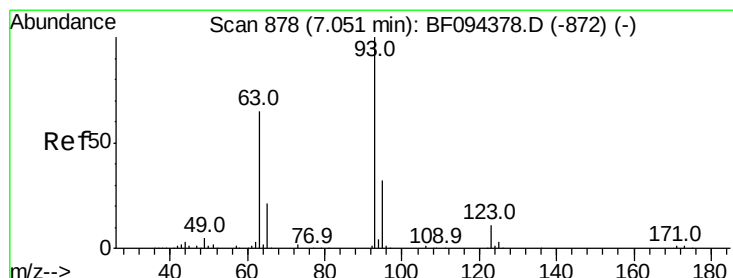
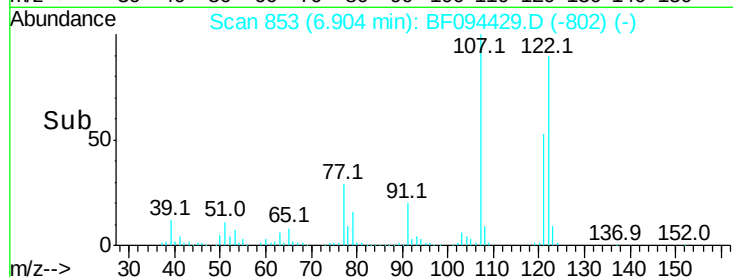
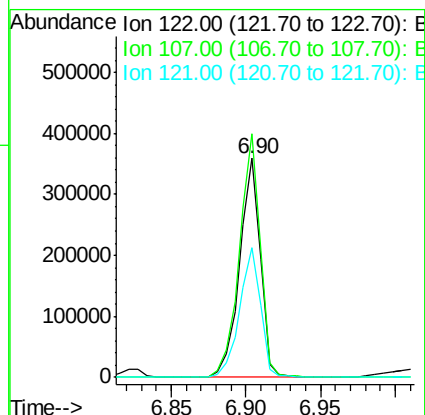
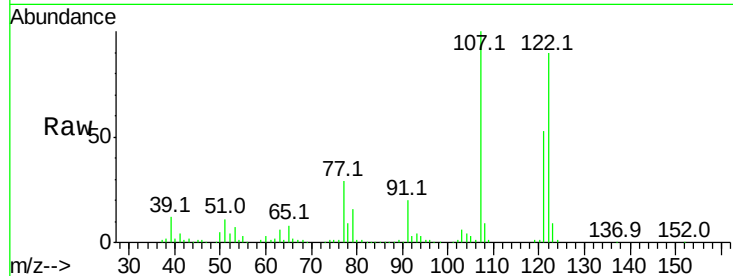




#27
2,4-Dimethylphenol
Concen: 40.14 ng
RT: 6.90 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF094429.D
Acq: 14 Apr 2017 15:22

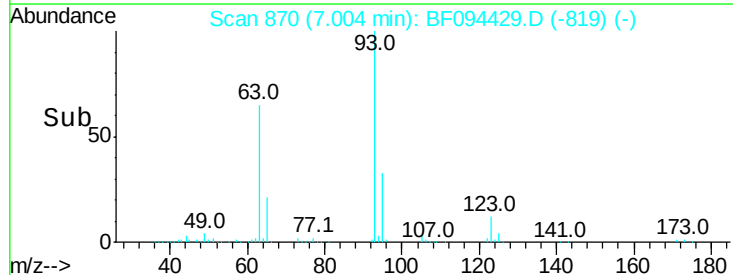
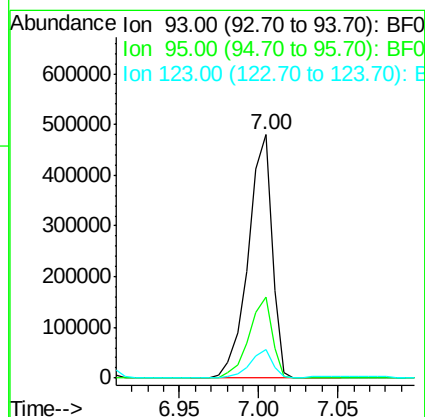
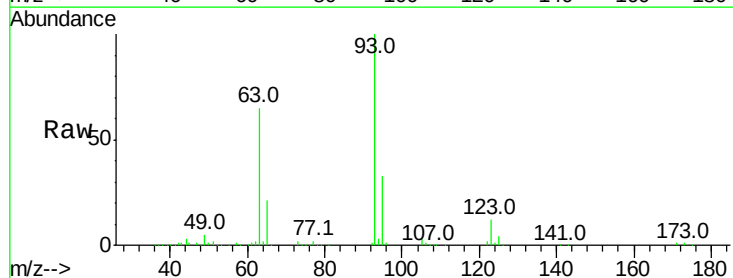
Instrument :
BNA_F
ClientSampleId :

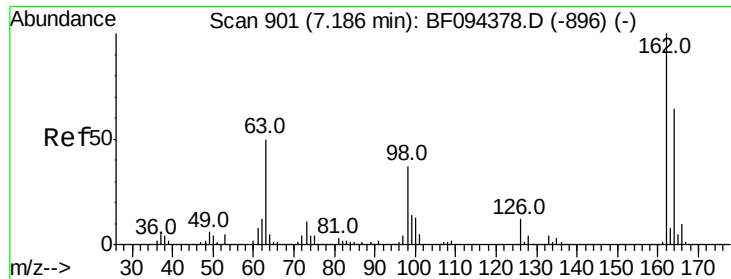
Tot Ion:122 Resp: 351325
Ion Ratio Lower Upper
122 100
107 111.1 89.2 133.8
121 59.3 45.2 67.8



#28
bis(2-Chloroethoxy)methane
Concen: 39.92 ng
RT: 7.00 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF094429.D
Acq: 14 Apr 2017 15:22

Tgt Ion: 93 Resp: 499624
Ion Ratio Lower Upper
93 100
95 33.0 26.5 39.7
123 11.5 9.0 13.4

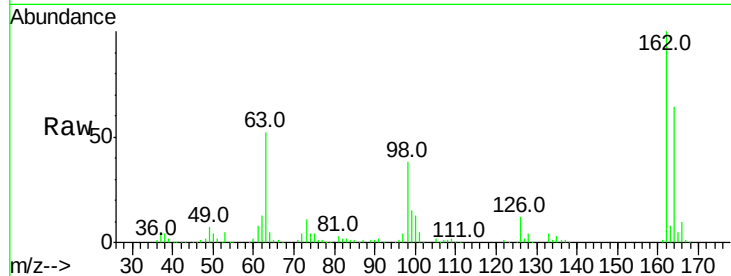




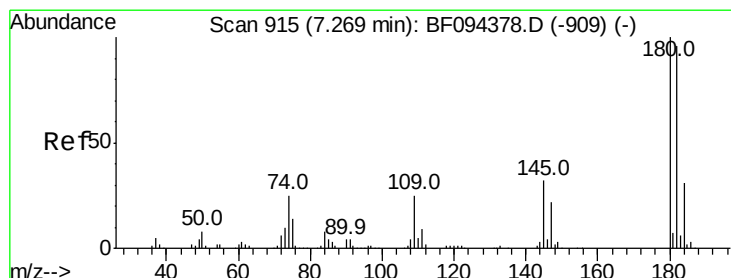
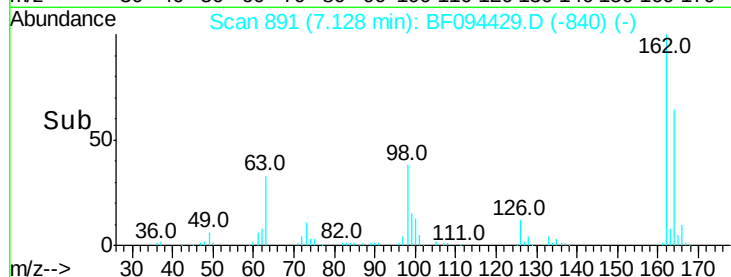
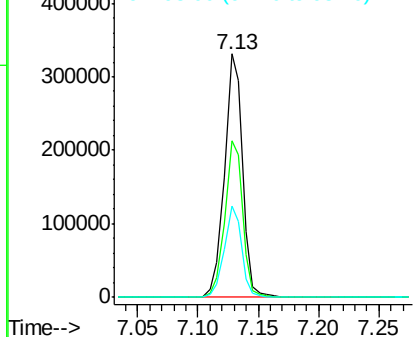
#29
 2,4-Dichlorophenol
 Concen: 41.73 ng
 RT: 7.13 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: BF094429.D
 Acq: 14 Apr 2017 15:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.6	84.6
98	37.6	14.8	54.8

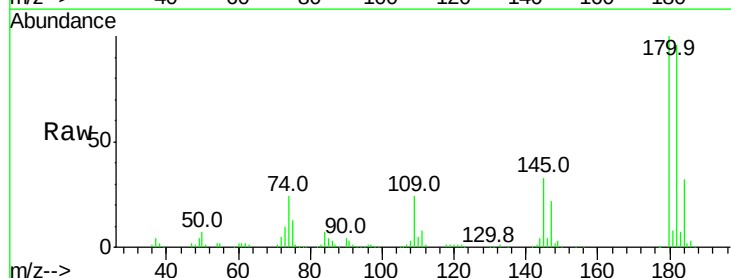


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

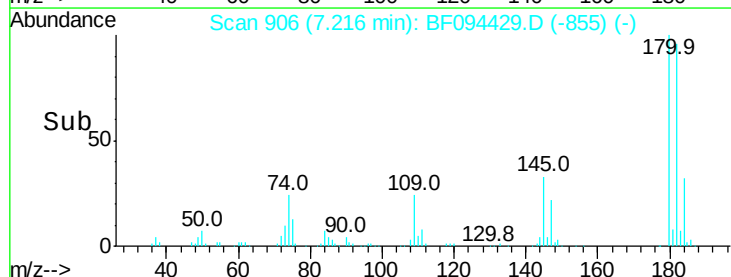
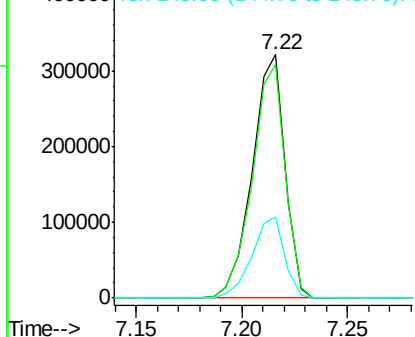


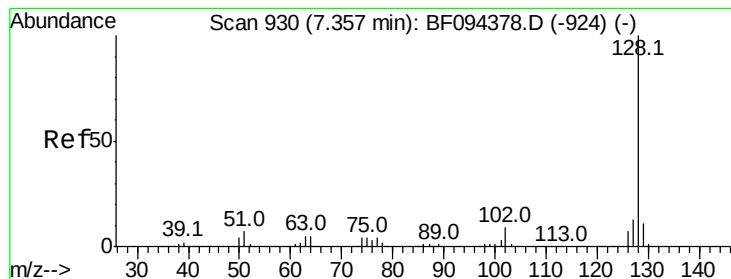
#30
 1,2,4-Trichlorobenzene
 Concen: 41.18 ng
 RT: 7.22 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF094429.D
 Acq: 14 Apr 2017 15:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	75.8	113.6
145	33.3	25.3	37.9



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





#31

Naphthalene

Concen: 40.48 ng

RT: 7.30 min Scan# 921

Delta R.T. 0.00 min

Lab File: BF094429.D

Acq: 14 Apr 2017 15:22

Instrument :

BNA_F

ClientSampleId :

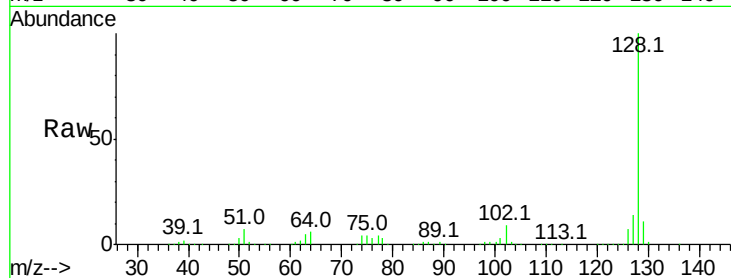
Tot Ion:128 Resp: 1199760

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

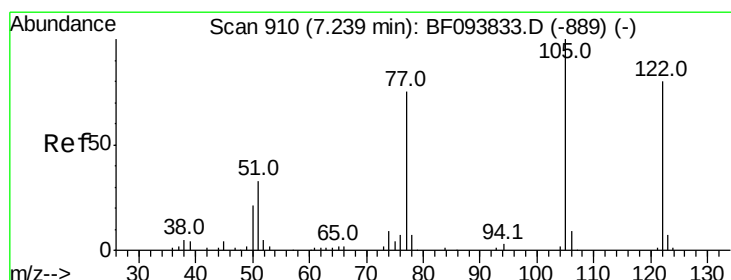
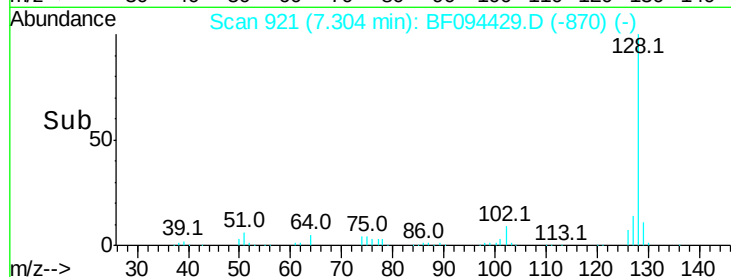
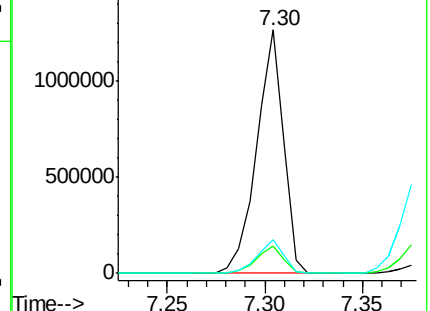
127 13.7 10.8 16.2



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: 30.23 ng

RT: 7.08 min Scan# 883

Delta R.T. 0.00 min

Lab File: BF094429.D

Acq: 14 Apr 2017 15:22

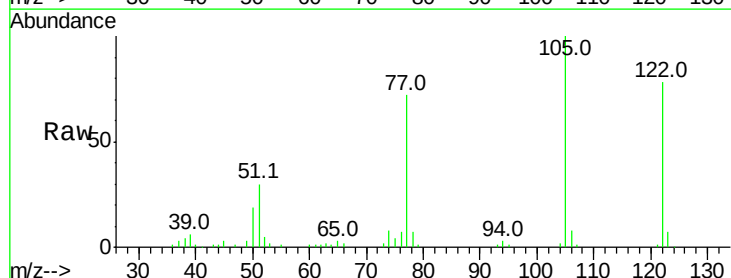
Tgt Ion:122 Resp: 176137

Ion Ratio Lower Upper

122 100

105 127.8 103.3 143.3

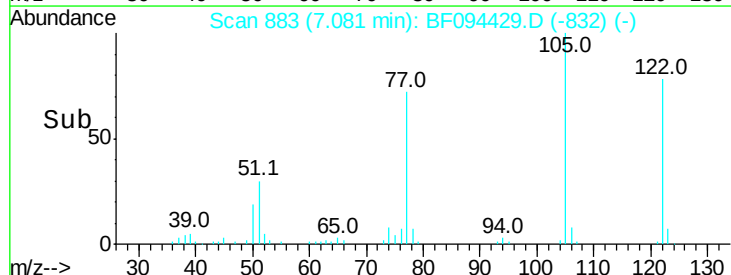
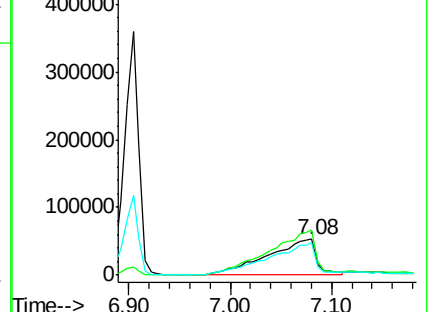
77 91.8 73.7 113.7

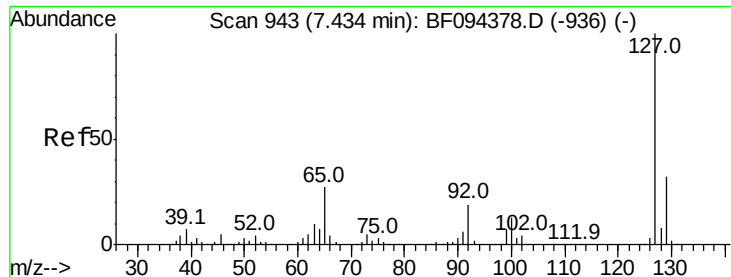


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

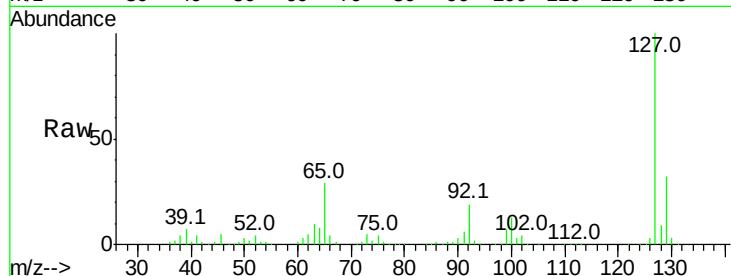




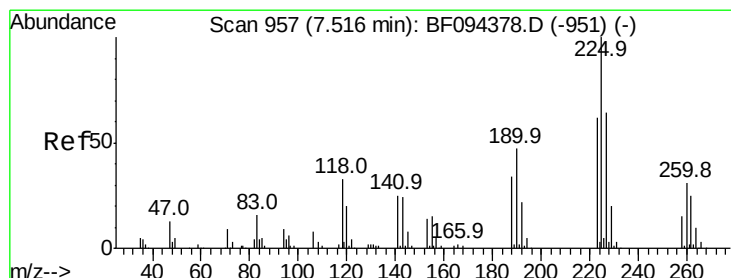
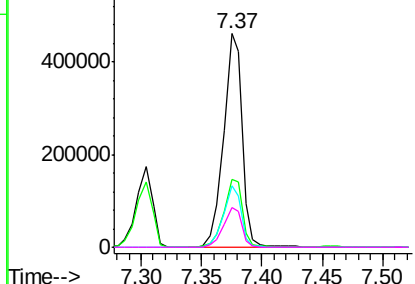
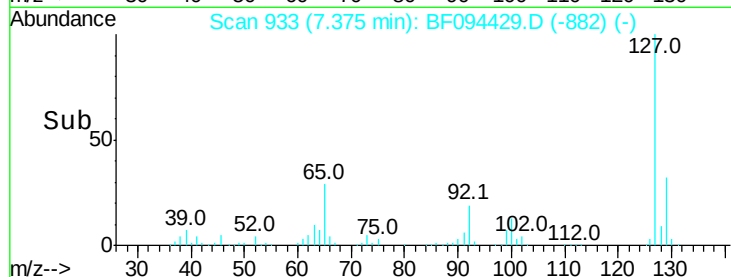
#33
 4-Chloroaniline
 Concen: 40.77 ng
 RT: 7.37 min Scan# 933
 Delta R.T. 0.00 min
 Lab File: BF094429.D
 Acq: 14 Apr 2017 15:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	489661
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.2	39.2
65	29.1	27.8	41.8
92	18.8	16.8	25.2

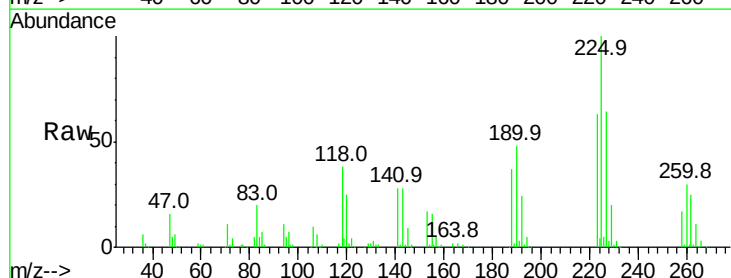


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

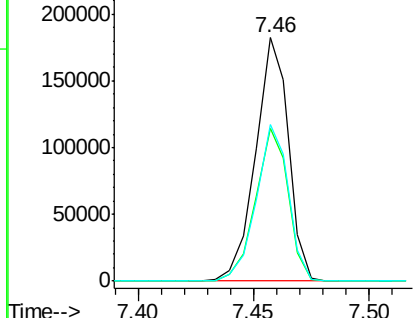
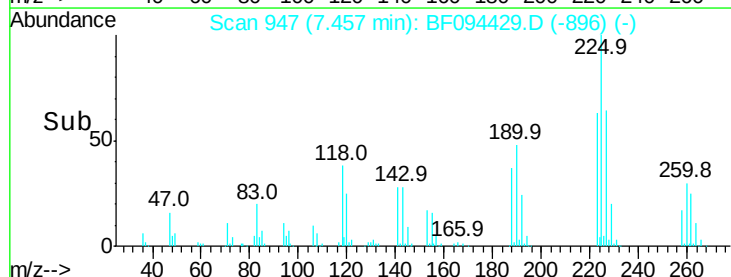


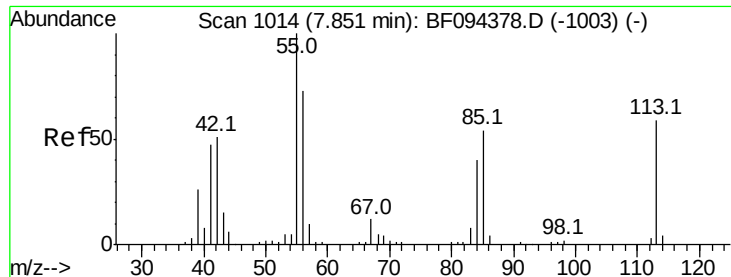
#34
 Hexachlorobutadiene
 Concen: 41.85 ng
 RT: 7.46 min Scan# 947
 Delta R.T. 0.00 min
 Lab File: BF094429.D
 Acq: 14 Apr 2017 15:22

Tgt Ion:	225	Resp:	180895
Ion	Ratio	Lower	Upper
225	100		
223	62.7	48.8	73.2
227	64.2	51.1	76.7



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

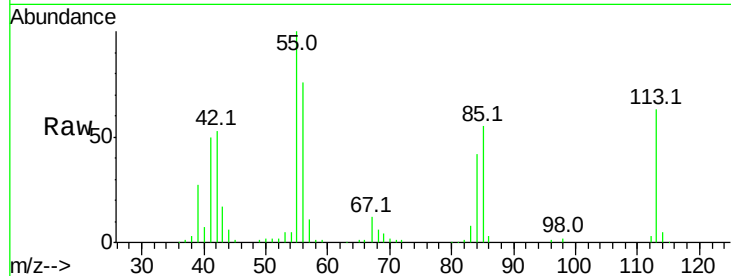




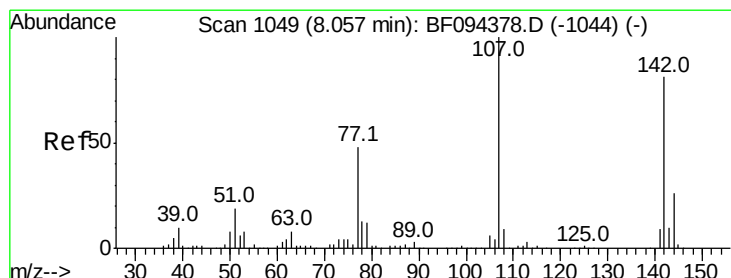
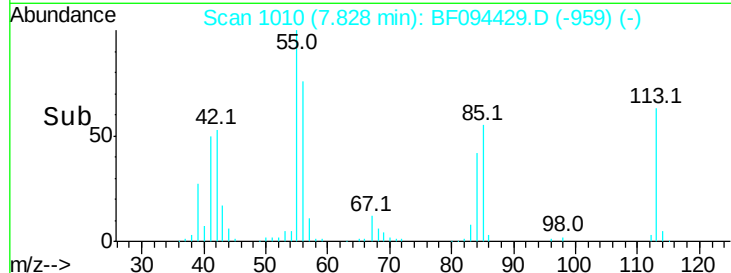
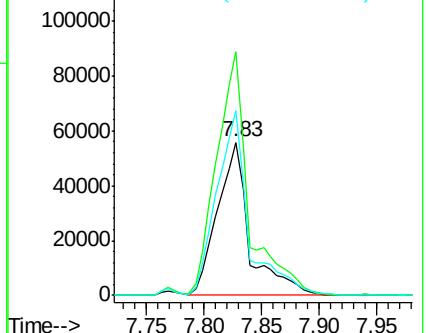
#35
 Caprolactam
 Concen: 41.43 ng
 RT: 7.83 min Scan# 1010
 Delta R.T. 0.00 min
 Lab File: BF094429.D
 Acq: 14 Apr 2017 15:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 108128
 Ion Ratio Lower Upper
 113 100
 55 159.2 150.2 190.2
 56 120.6 107.8 147.8

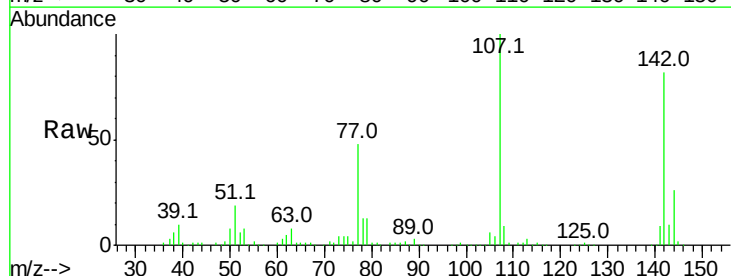


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

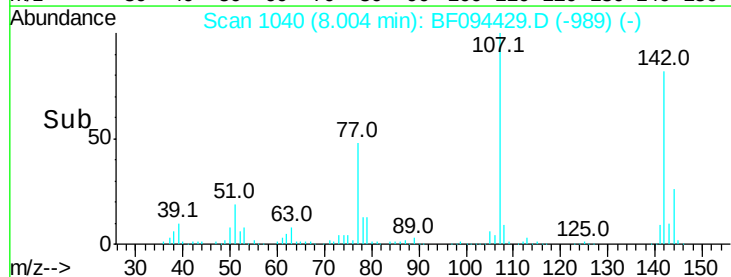
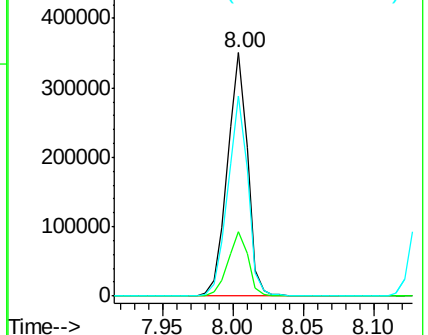


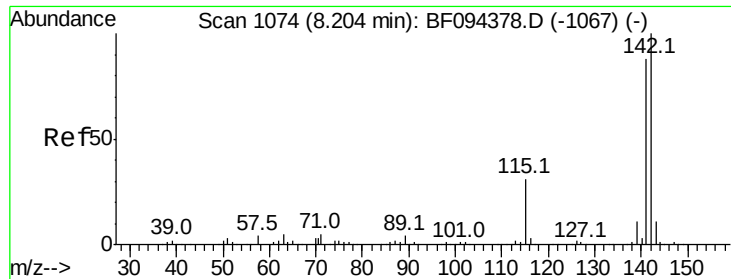
#36
 4-Chloro-3-methylphenol
 Concen: 40.83 ng
 RT: 8.00 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF094429.D
 Acq: 14 Apr 2017 15:22

Tgt Ion:107 Resp: 349139
 Ion Ratio Lower Upper
 107 100
 144 26.3 24.2 36.4
 142 82.2 73.4 110.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

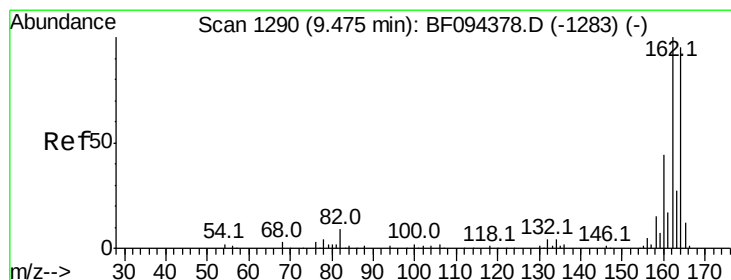
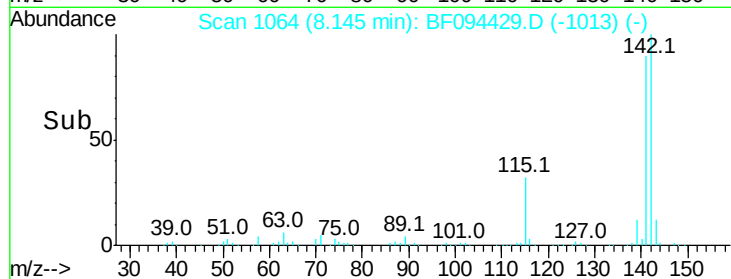
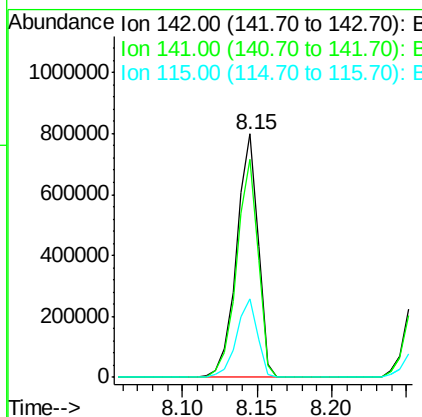
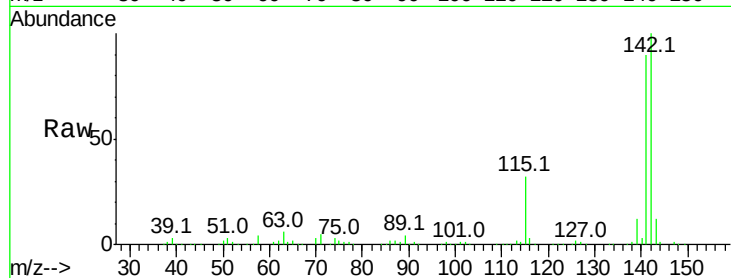




#37
2-Methylnaphthalene
Concen: 40.82 ng
RT: 8.15 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF094429.D
Acq: 14 Apr 2017 15:22

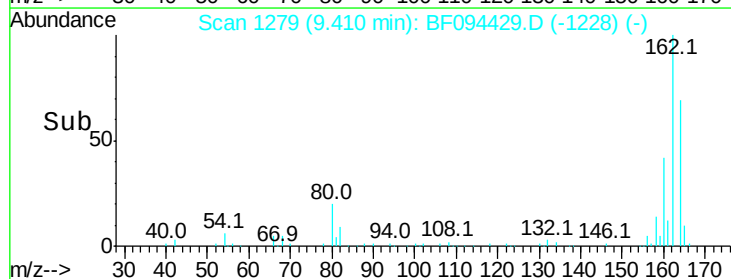
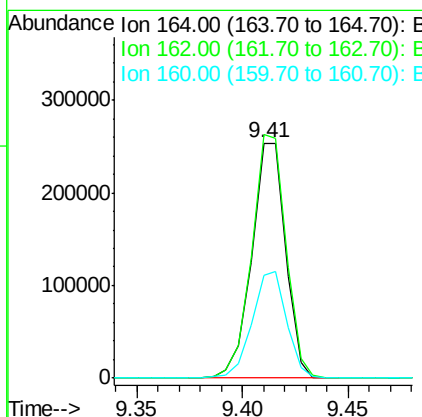
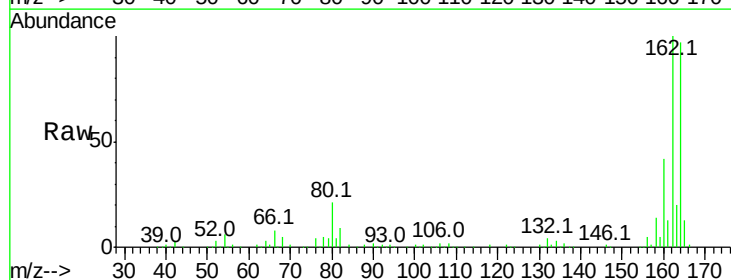
Instrument :
BNA_F
ClientSampled :

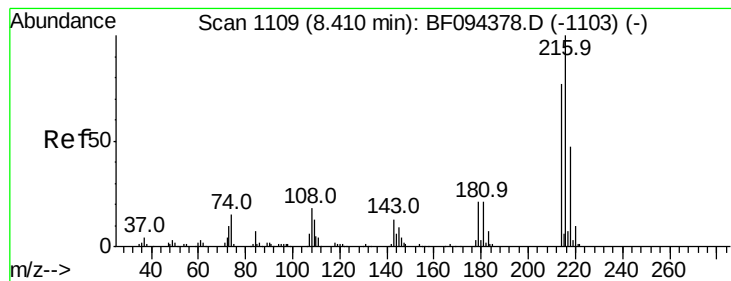
Tot Ion:142 Resp: 806459
Ion Ratio Lower Upper
142 100
141 89.8 71.3 106.9
115 32.2 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.41 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BF094429.D
Acq: 14 Apr 2017 15:22

Tgt Ion:164 Resp: 283700
Ion Ratio Lower Upper
164 100
162 103.6 82.6 123.8
160 43.8 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.90 ng

RT: 8.35 min Scan# 1099

Delta R.T. 0.00 min

Lab File: BF094429.D

Acq: 14 Apr 2017 15:22

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 325188

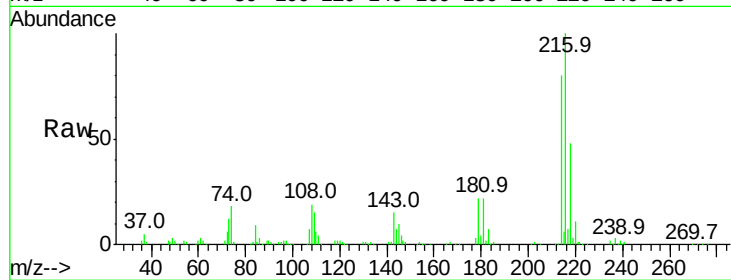
Ion Ratio Lower Upper

216 100

214 80.1 63.4 95.2

179 22.3 17.9 26.9

108 20.5 16.5 24.7

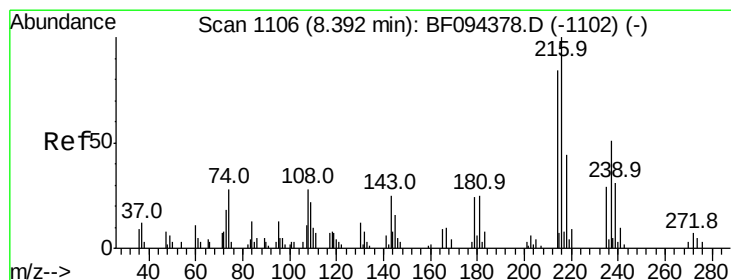
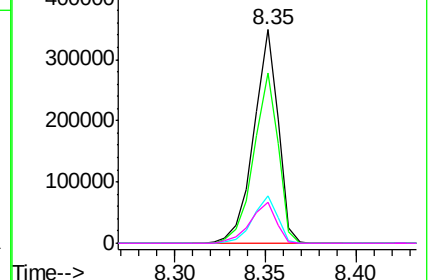
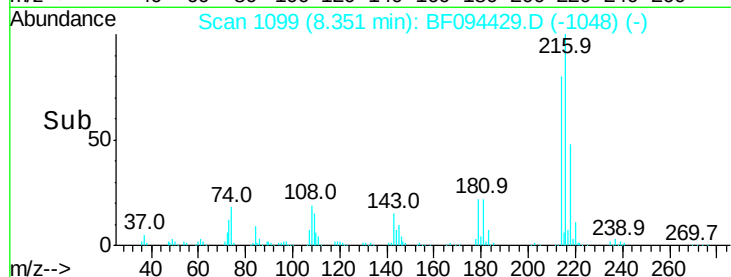


Abundance Ion 216.00 (215.70 to 216.70): E

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: 36.43 ng

RT: 8.34 min Scan# 1097

Delta R.T. 0.00 min

Lab File: BF094429.D

Acq: 14 Apr 2017 15:22

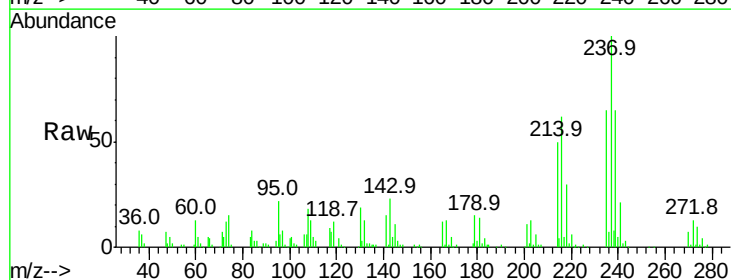
Tgt Ion:237 Resp: 132320

Ion Ratio Lower Upper

237 100

235 64.7 42.6 82.6

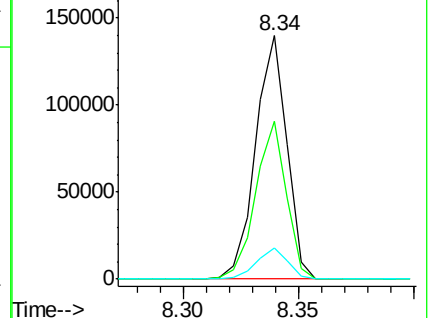
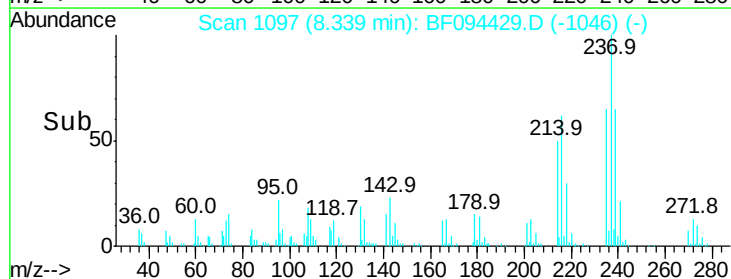
272 12.8 0.0 31.9

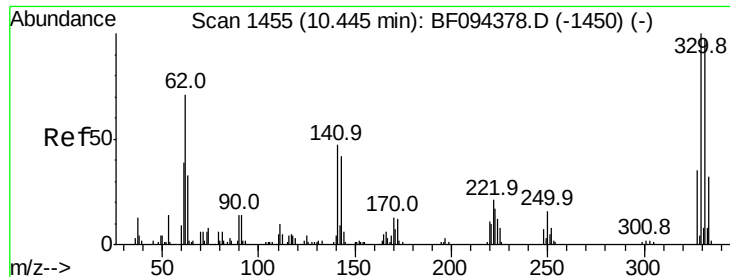


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

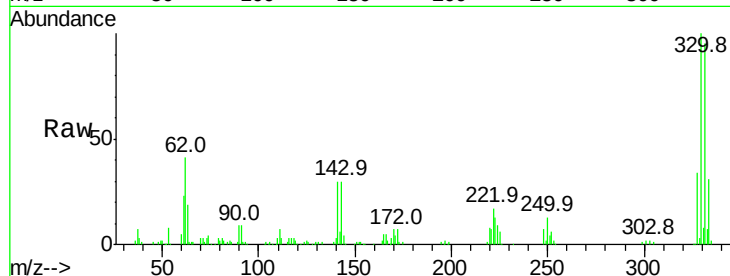




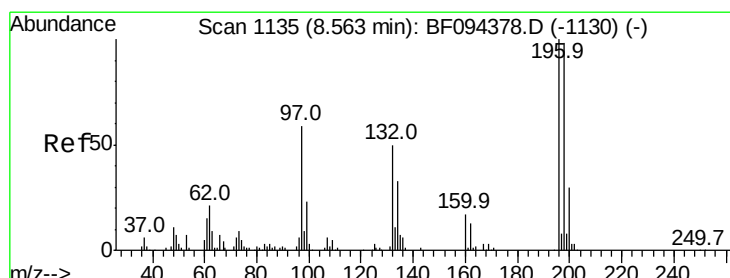
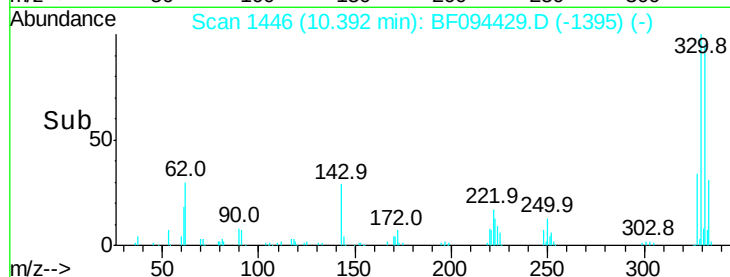
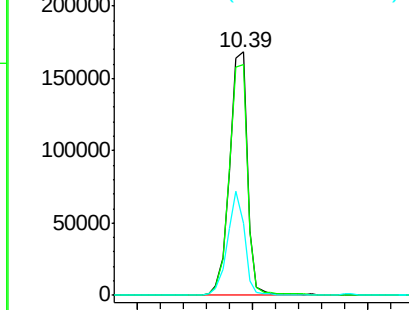
#41
 2,4,6-Tribromophenol
 Concen: 80.63 ng
 RT: 10.39 min Scan# 1446
 Delta R.T. 0.00 min
 Lab File: BF094429.D
 Acq: 14 Apr 2017 15:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 180759
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.6 115.0
 141 40.8 31.4 47.2

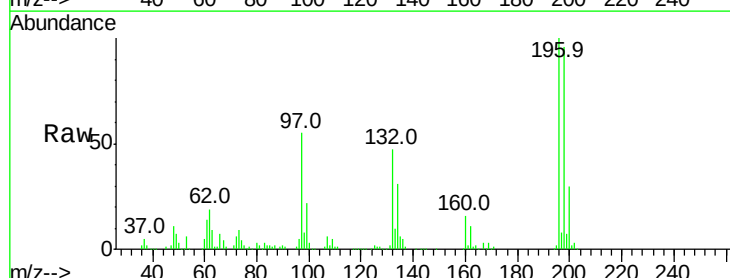


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

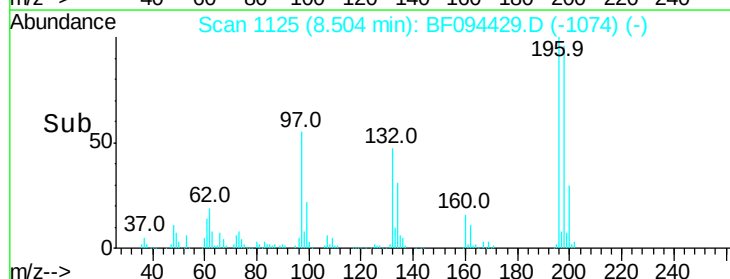
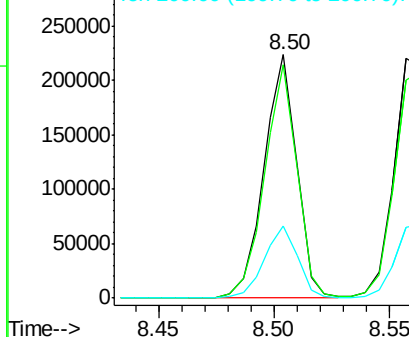


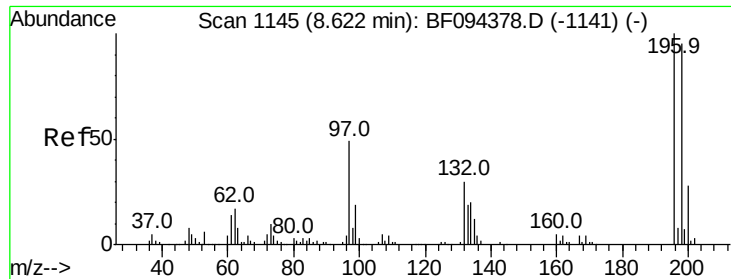
#42
 2,4,6-Trichlorophenol
 Concen: 40.26 ng
 RT: 8.50 min Scan# 1125
 Delta R.T. 0.00 min
 Lab File: BF094429.D
 Acq: 14 Apr 2017 15:22

Tgt Ion:196 Resp: 221059
 Ion Ratio Lower Upper
 196 100
 198 96.1 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

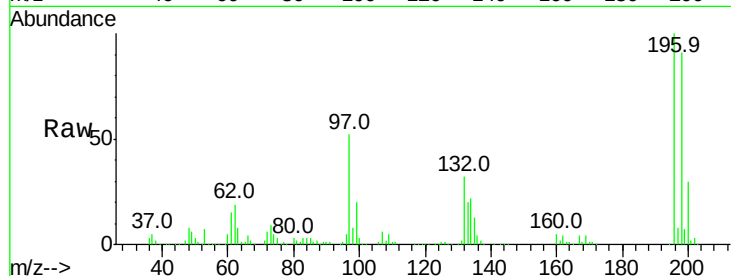




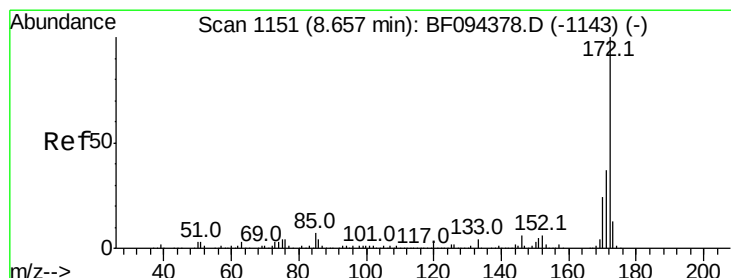
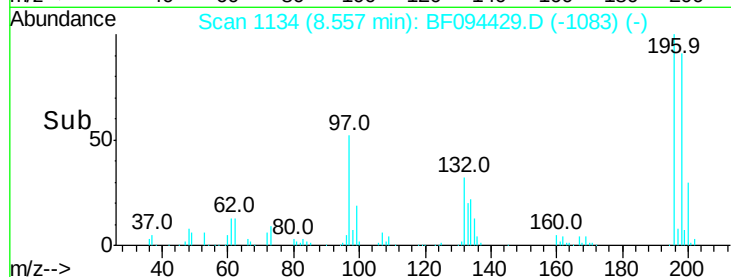
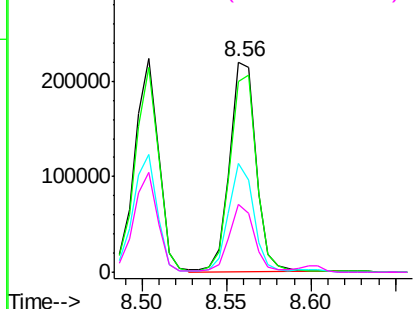
#43
 2,4,5-Trichlorophenol
 Concen: 39.92 ng
 RT: 8.56 min Scan# 1134
 Delta R.T. 0.00 min
 Lab File: BF094429.D
 Acq: 14 Apr 2017 15:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	237161
Ion	Ratio	Lower	Upper
196	100		
198	91.1	75.7	113.5
97	52.0	47.7	71.5
132	32.0	28.0	42.0

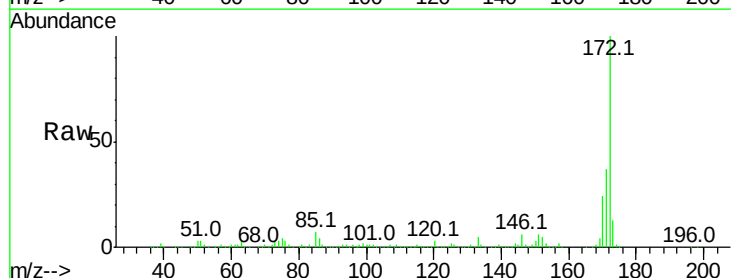


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

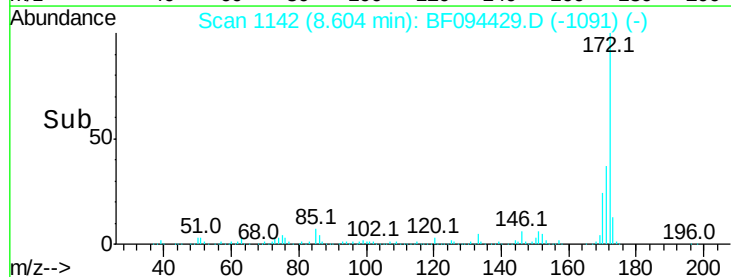
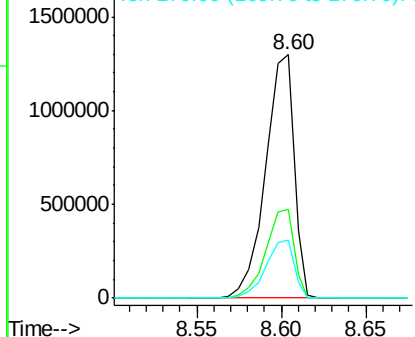


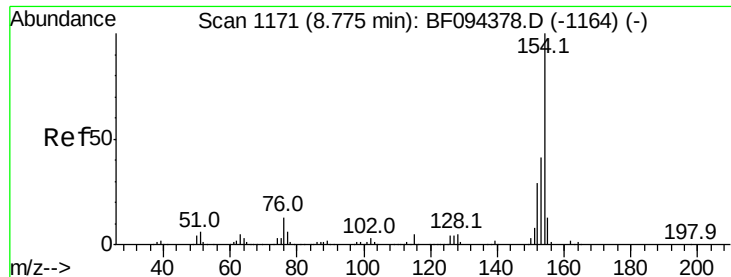
#44
 2-Fluorobiphenyl
 Concen: 81.80 ng
 RT: 8.60 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: BF094429.D
 Acq: 14 Apr 2017 15:22

Tgt Ion:	172	Resp:	1521555
Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	24.0	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: 40.38 ng

RT: 8.72 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BF094429.D

Acq: 14 Apr 2017 15:22

Instrument :

BNA_F

ClientSampled :

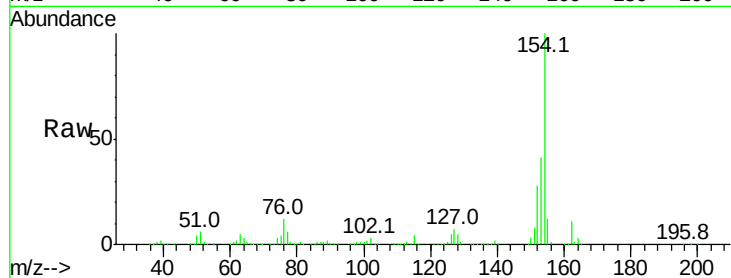
Tot Ion:154 Resp: 924057

Ion Ratio Lower Upper

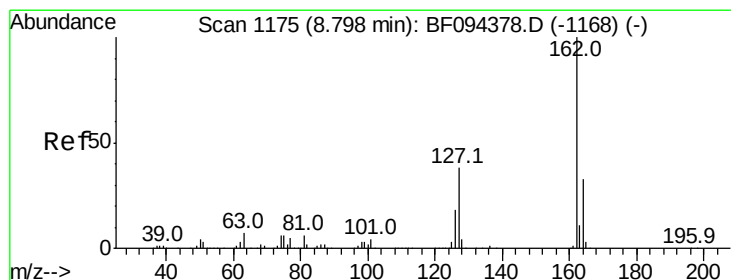
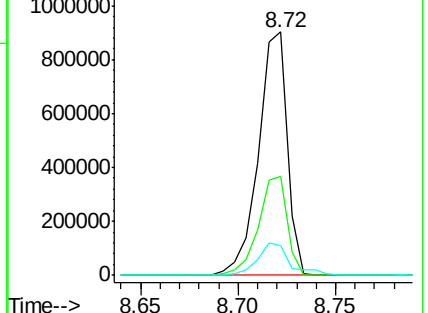
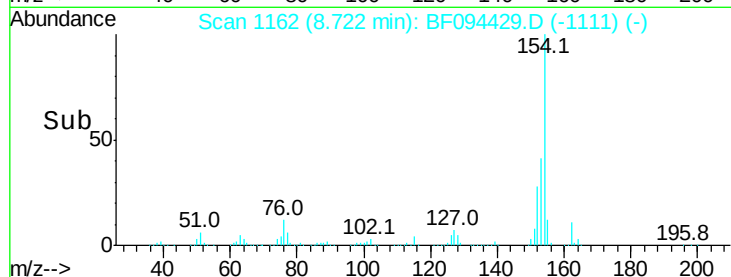
154 100

153 40.7 21.2 61.2

76 12.2 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: 40.27 ng

RT: 8.74 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BF094429.D

Acq: 14 Apr 2017 15:22

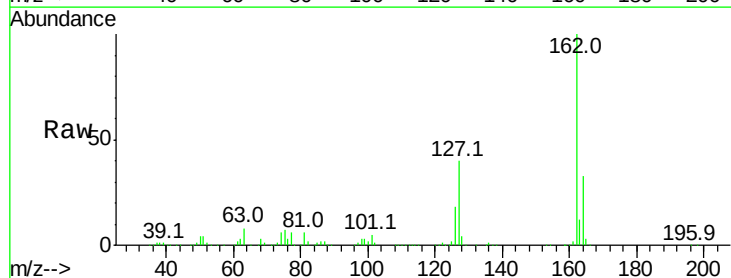
Tgt Ion:162 Resp: 721340

Ion Ratio Lower Upper

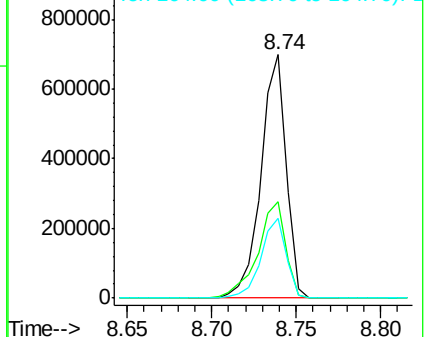
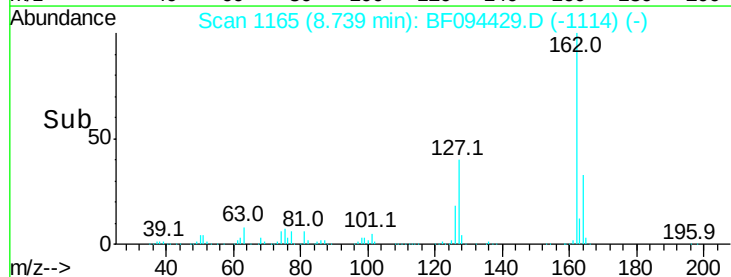
162 100

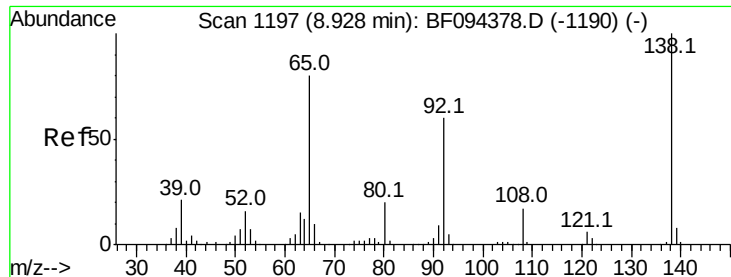
127 39.8 28.3 42.5

164 33.0 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

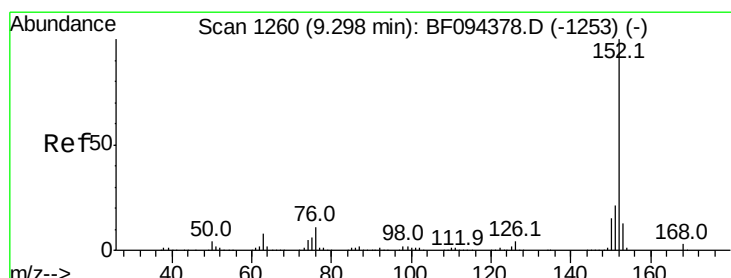
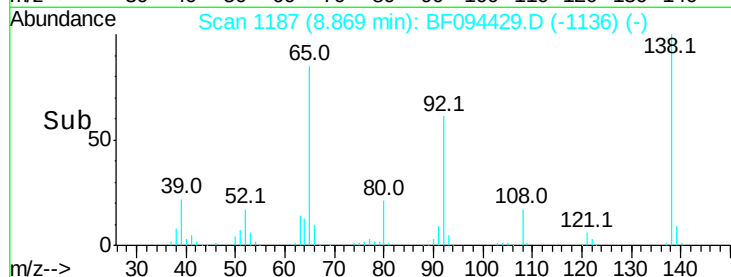
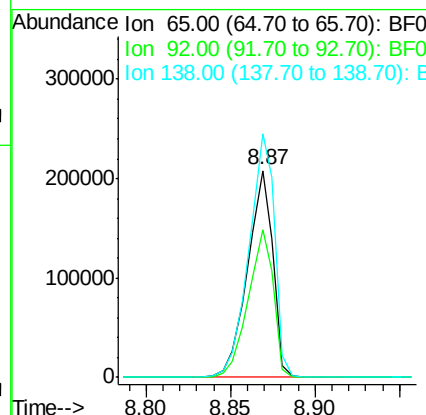
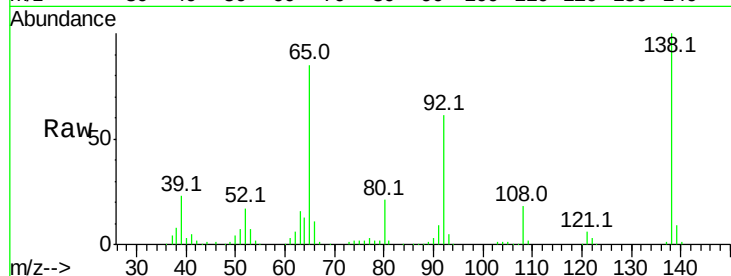




#47
 2-Nitroaniline
 Concen: 40.92 ng
 RT: 8.87 min Scan# 1187
 Delta R.T. 0.00 min
 Lab File: BF094429.D
 Acq: 14 Apr 2017 15:22

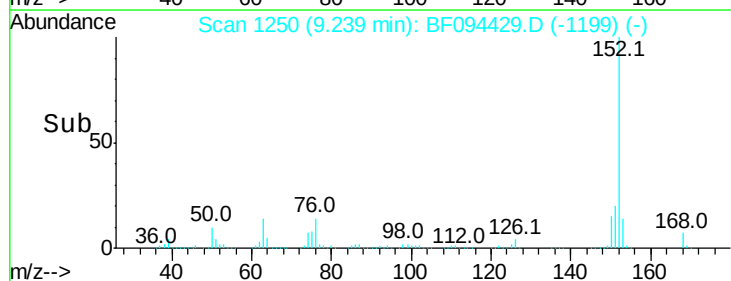
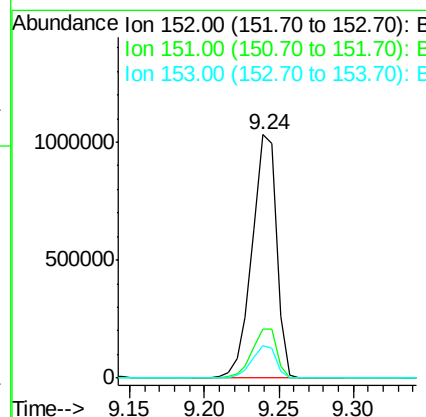
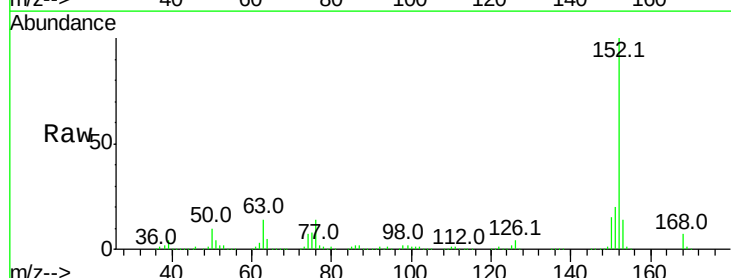
Instrument :
 BNA_F
 ClientSampleId :

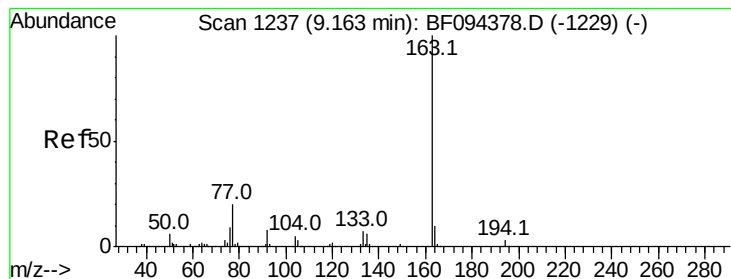
Tot Ion: 65 Resp: 217453
 Ion Ratio Lower Upper
 65 100
 92 71.5 53.9 80.9
 138 117.9 78.8 118.2



#48
 Acenaphthylene
 Concen: 39.18 ng
 RT: 9.24 min Scan# 1250
 Delta R.T. 0.00 min
 Lab File: BF094429.D
 Acq: 14 Apr 2017 15:22

Tgt Ion:152 Resp: 1166298
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.8 25.2
 153 13.6 10.8 16.2





#49

Dimethylphthalate

Concen: 41.21 ng

RT: 9.11 min Scan# 1228

Delta R.T. 0.00 min

Lab File: BF094429.D

Acq: 14 Apr 2017 15:22

Instrument :

BNA_F

ClientSampled :

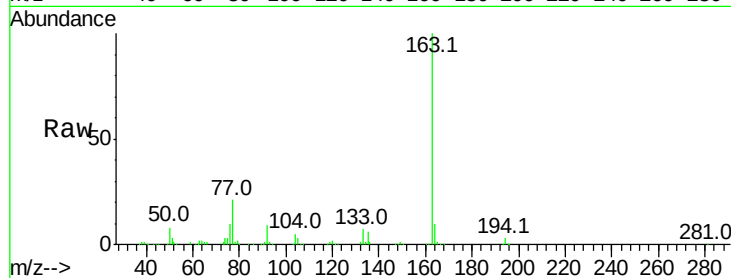
Tot Ion:163 Resp: 831064

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

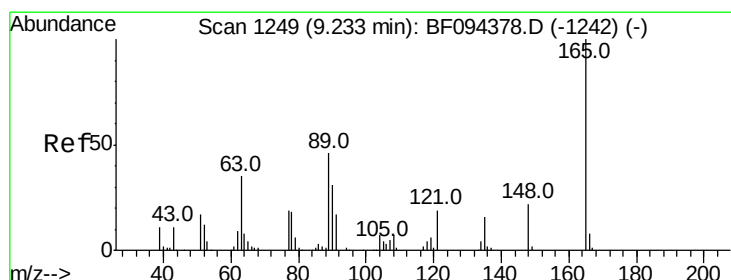
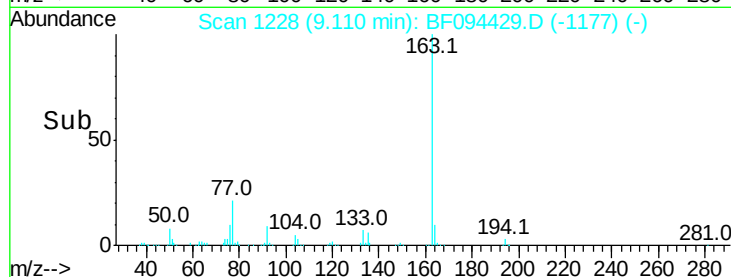
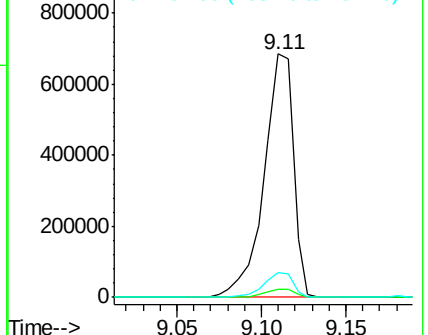
164 10.4 8.4 12.6



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: 42.18 ng

RT: 9.17 min Scan# 1239

Delta R.T. 0.00 min

Lab File: BF094429.D

Acq: 14 Apr 2017 15:22

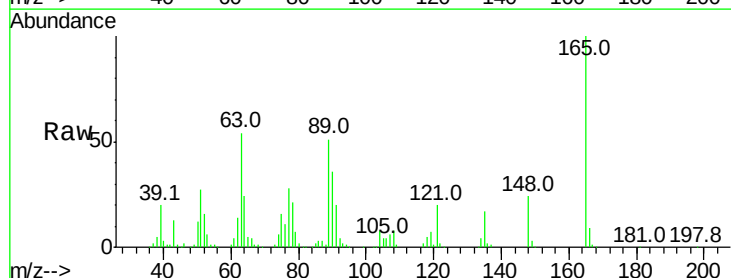
Tgt Ion:165 Resp: 195008

Ion Ratio Lower Upper

165 100

63 53.8 34.3 51.5#

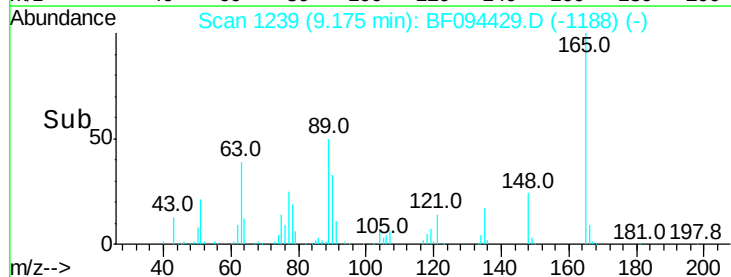
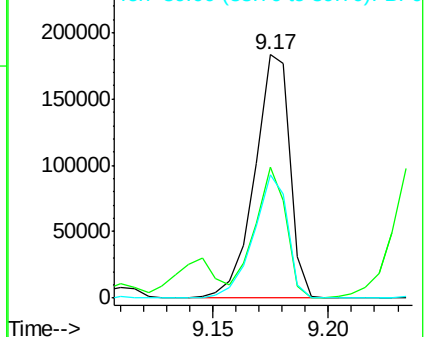
89 50.9 37.1 55.7

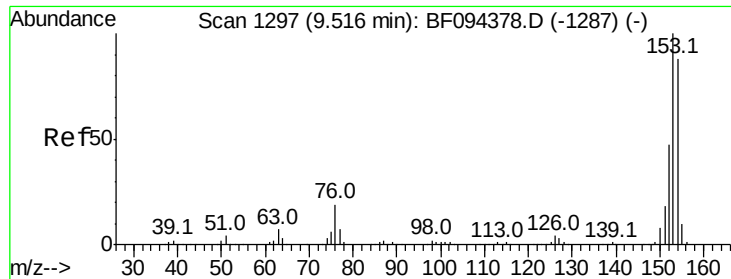


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.25 ng

RT: 9.46 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BF094429.D

Acq: 14 Apr 2017 15:22

Instrument :

BNA_F

ClientSampleId :

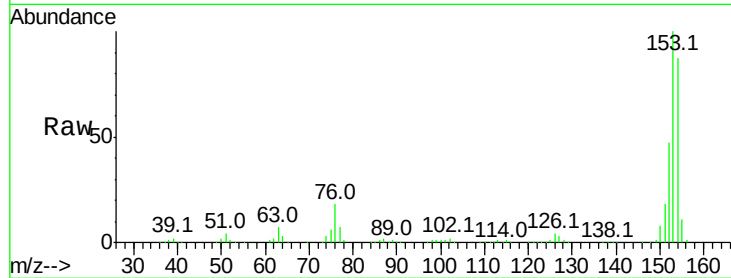
Tot Ion:154 Resp: 681814

Ion Ratio Lower Upper

154 100

153 114.5 90.5 135.7

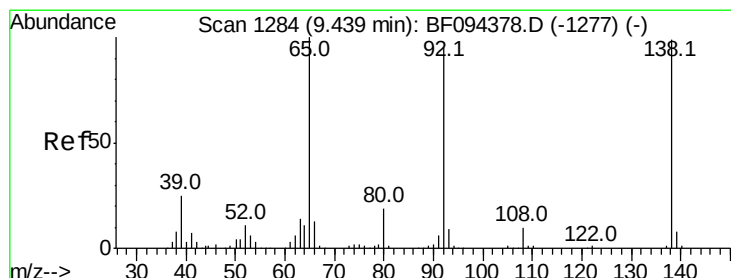
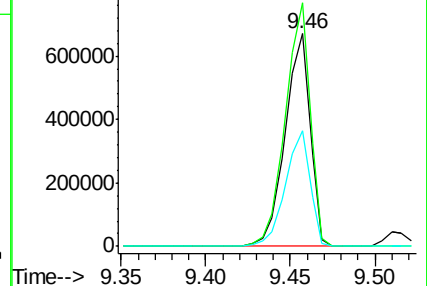
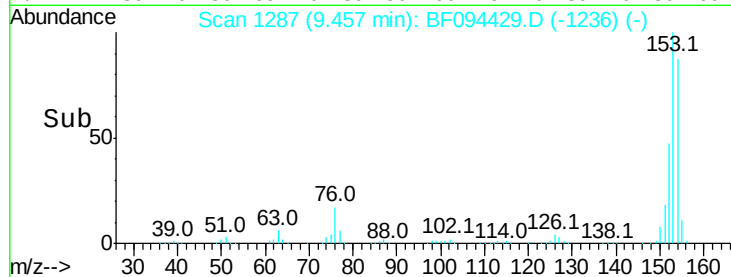
152 54.3 43.6 65.4



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: 41.20 ng

RT: 9.38 min Scan# 1274

Delta R.T. 0.00 min

Lab File: BF094429.D

Acq: 14 Apr 2017 15:22

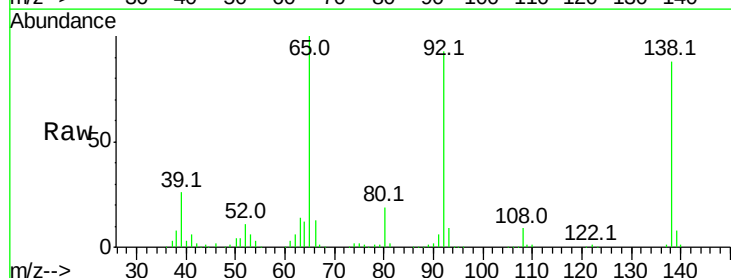
Tgt Ion:138 Resp: 223675

Ion Ratio Lower Upper

138 100

108 10.7 9.1 13.7

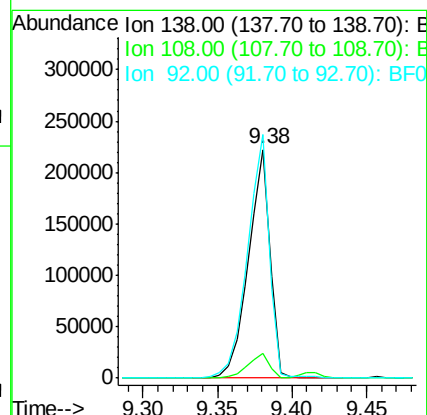
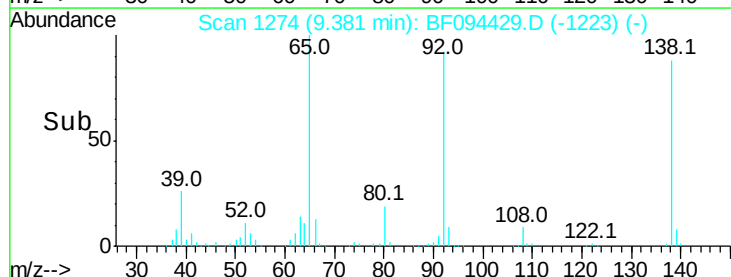
92 106.4 93.8 140.6

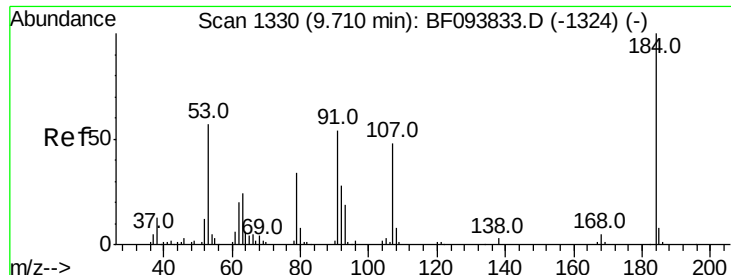


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

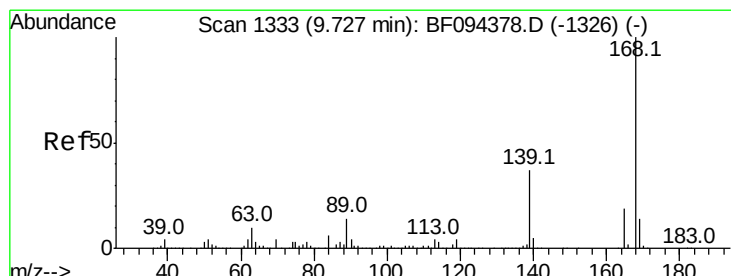
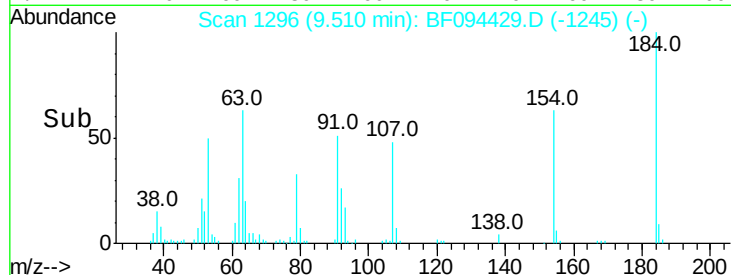
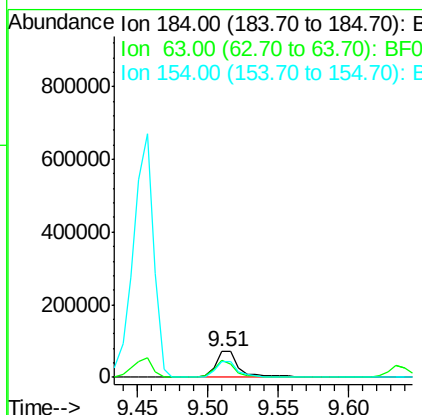
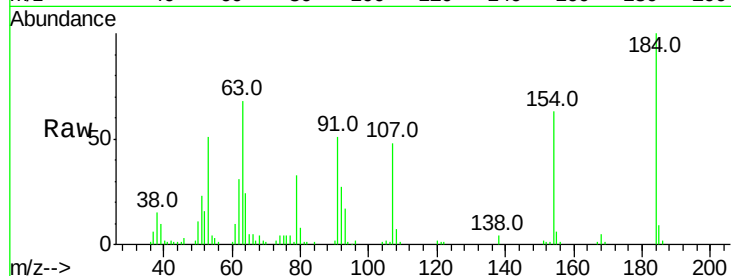




#53
 2,4-Dinitrophenol
 Concen: 36.83 ng
 RT: 9.51 min Scan# 1296
 Delta R.T. 0.00 min
 Lab File: BF094429.D
 Acq: 14 Apr 2017 15:22

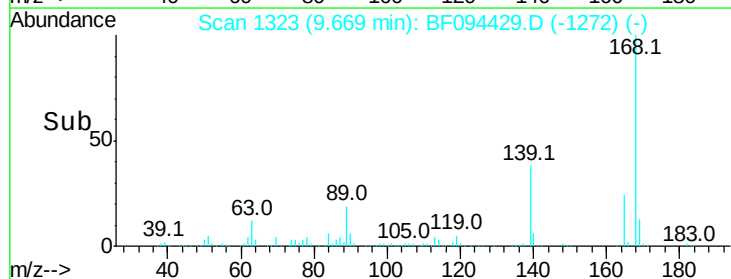
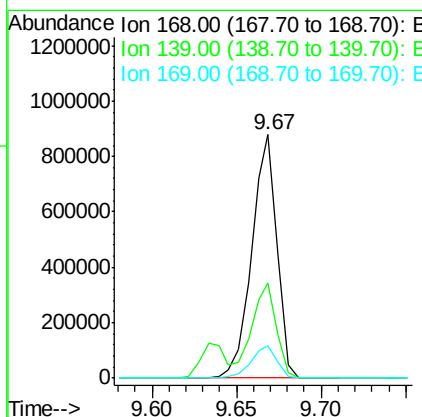
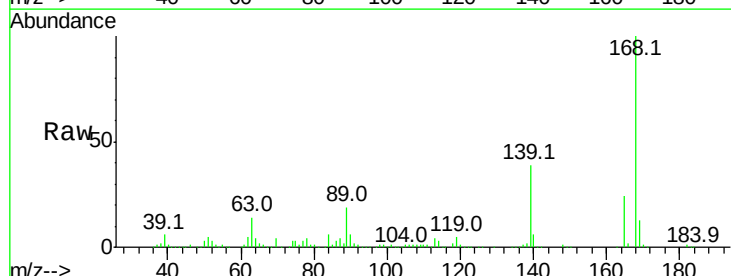
Instrument :
 BNA_F
 ClientSampled :

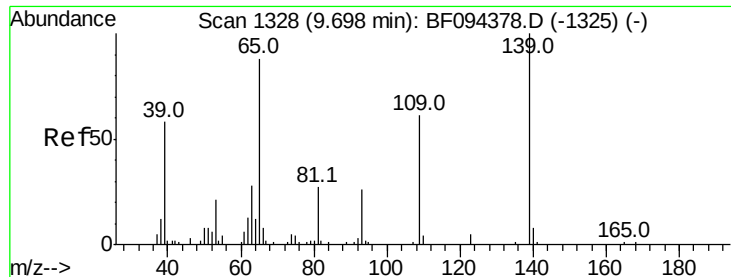
Tot Ion:184 Resp: 84492
 Ion Ratio Lower Upper
 184 100
 63 67.7 62.7 94.1
 154 62.8 81.1 121.7#



#54
 Dibenzofuran
 Concen: 38.50 ng
 RT: 9.67 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: BF094429.D
 Acq: 14 Apr 2017 15:22

Tgt Ion:168 Resp: 910297
 Ion Ratio Lower Upper
 168 100
 139 39.0 30.6 45.8
 169 13.2 10.8 16.2

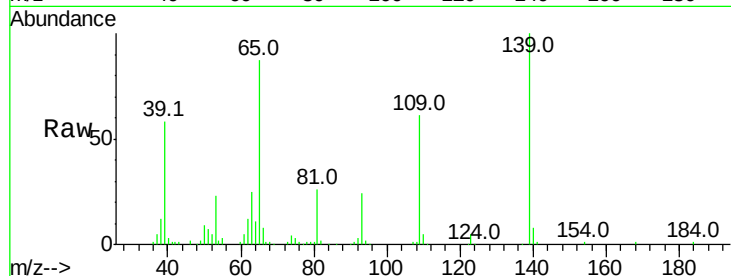




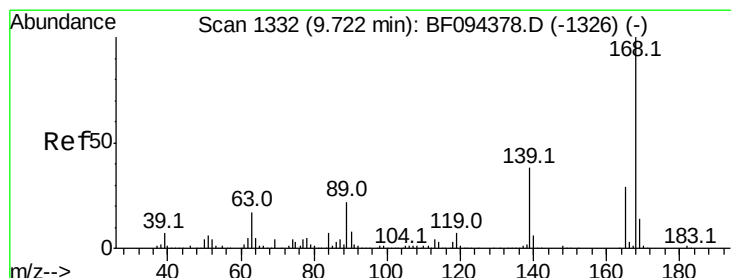
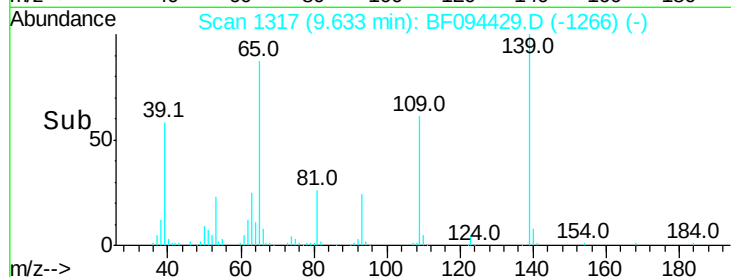
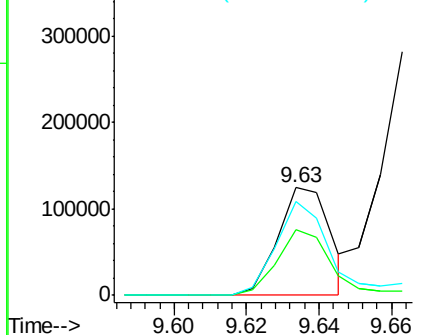
#55
4-Nitrophenol
Concen: 29.44 ng
RT: 9.63 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF094429.D
Acq: 14 Apr 2017 15:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 125152
Ion Ratio Lower Upper
139 100
109 60.6 34.1 74.1
65 87.1 31.4 71.4#

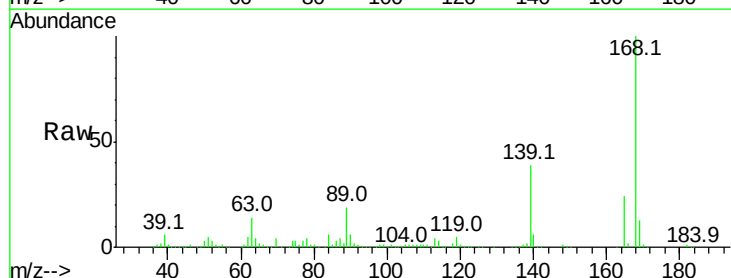


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

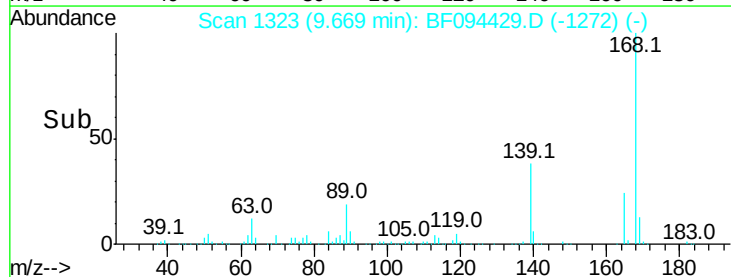
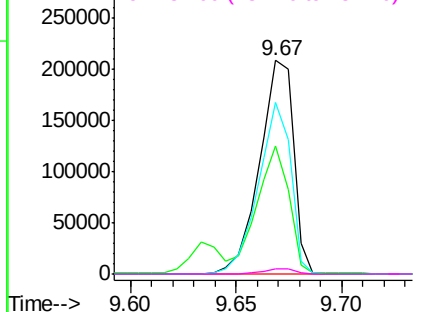


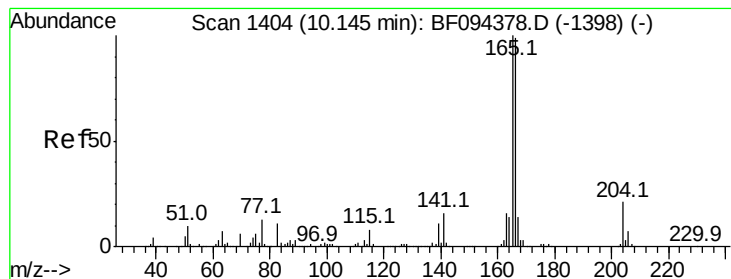
#56
2,4-Dinitrotoluene
Concen: 40.21 ng
RT: 9.67 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF094429.D
Acq: 14 Apr 2017 15:22

Tgt Ion:165 Resp: 233491
Ion Ratio Lower Upper
165 100
63 59.7 25.4 38.0#
89 80.4 46.4 69.6#
182 2.5 1.8 2.6



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 39.47 ng

RT: 10.09 min Scan# 1394

Delta R.T. 0.00 min

Lab File: BF094429.D

Acq: 14 Apr 2017 15:22

Instrument :

BNA_F

ClientSampled :

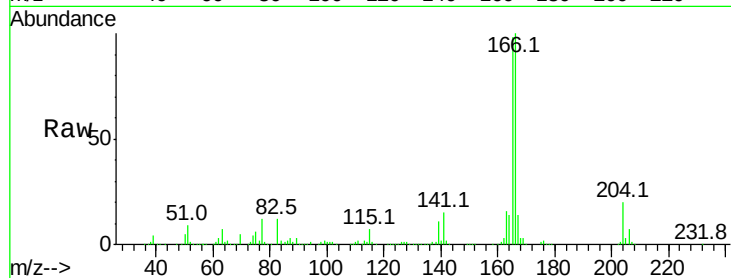
Tot Ion:166 Resp: 773936

Ion Ratio Lower Upper

166 100

165 98.3 78.8 118.2

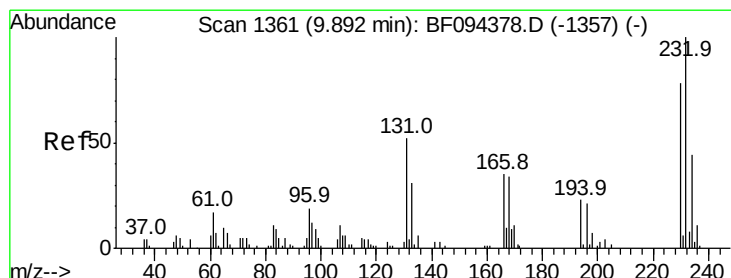
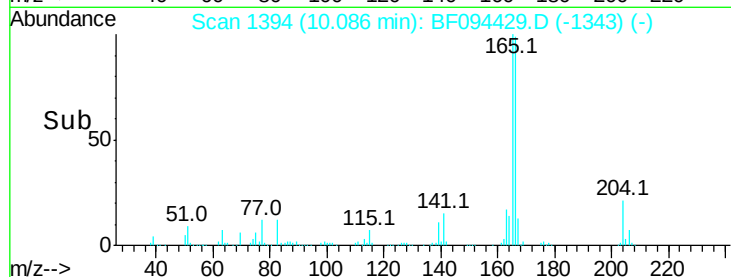
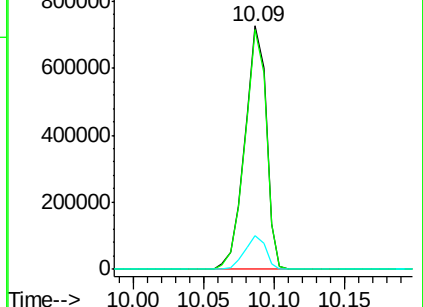
167 13.8 10.6 16.0



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: 38.62 ng

RT: 9.83 min Scan# 1351

Delta R.T. 0.00 min

Lab File: BF094429.D

Acq: 14 Apr 2017 15:22

Tgt Ion:232 Resp: 157449

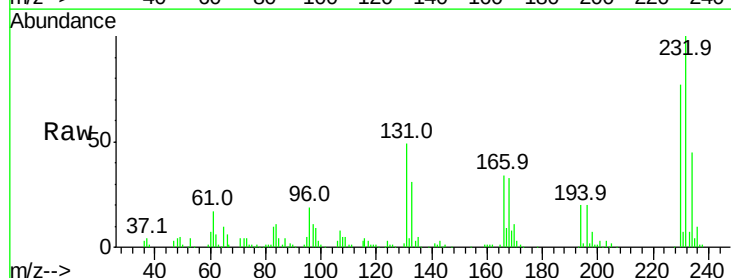
Ion Ratio Lower Upper

232 100

131 53.2 44.8 67.2

130 2.4 2.3 3.5

166 34.6 29.0 43.4

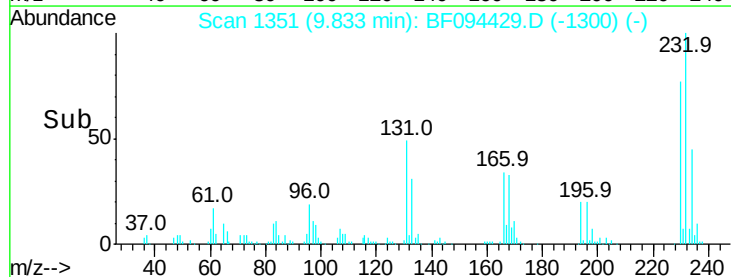
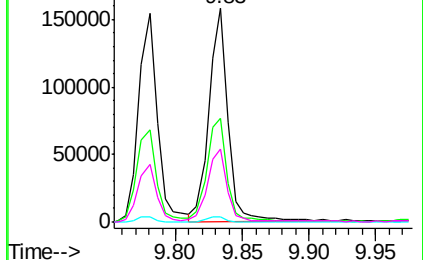


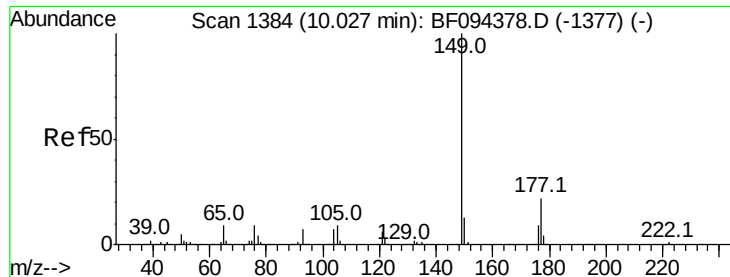
Abundance Ion 232.00 (231.70 to 232.70): E

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

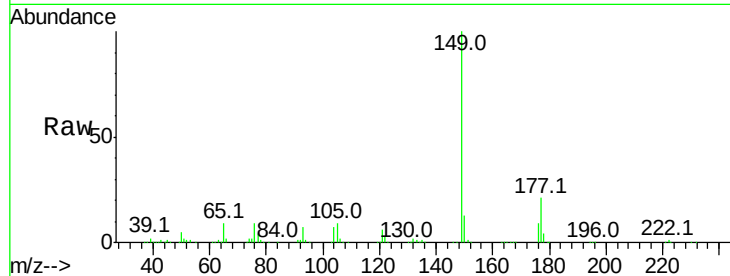




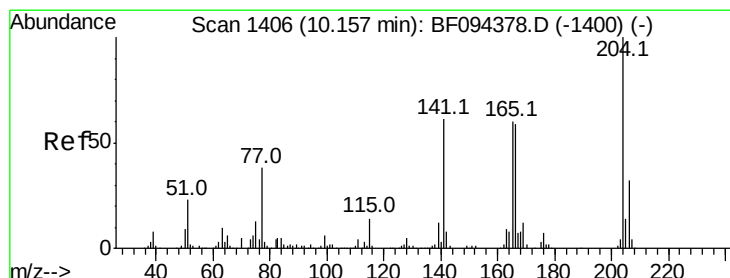
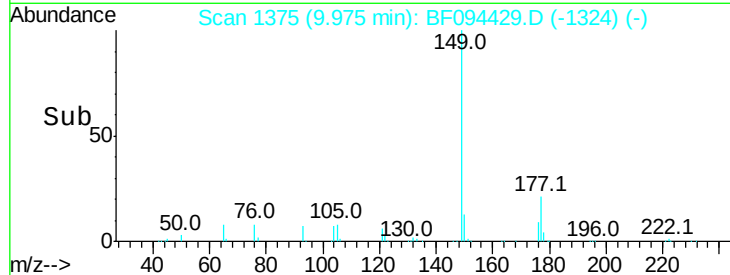
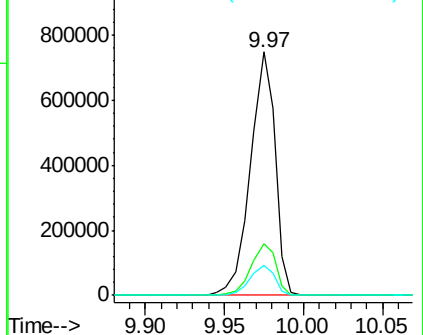
#59
Diethylphthalate
Concen: 40.61 ng
RT: 9.97 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BF094429.D
Acq: 14 Apr 2017 15:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 809472
Ion Ratio Lower Upper
149 100
177 21.1 16.7 25.1
150 12.5 10.2 15.2

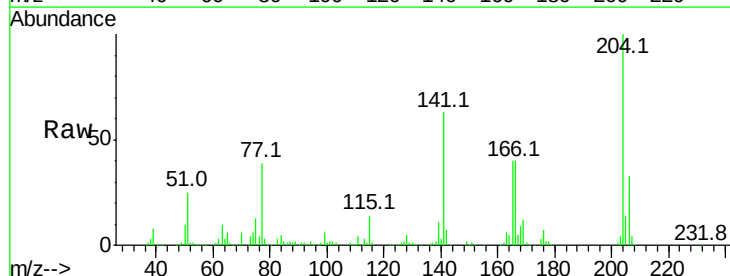


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

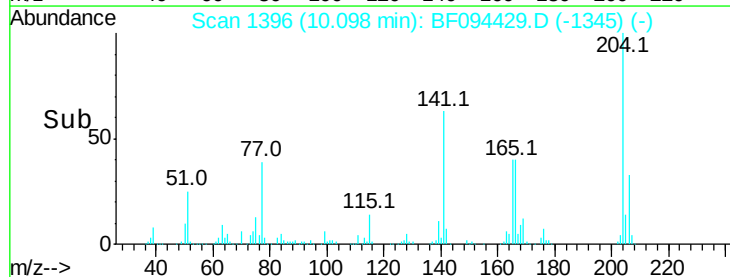
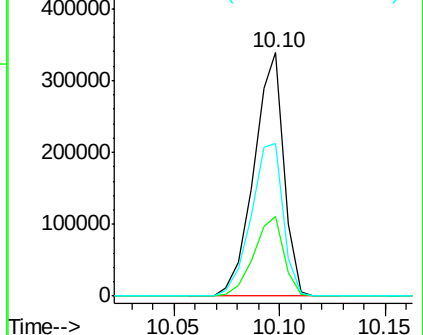


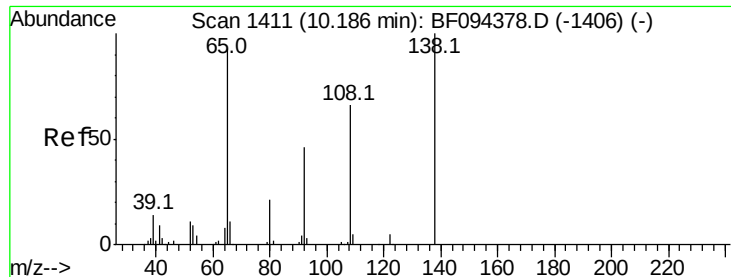
#60
4-Chlorophenyl-phenylether
Concen: 39.76 ng
RT: 10.10 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BF094429.D
Acq: 14 Apr 2017 15:22

Tgt Ion:204 Resp: 332151
Ion Ratio Lower Upper
204 100
206 32.6 26.2 39.2
141 62.8 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

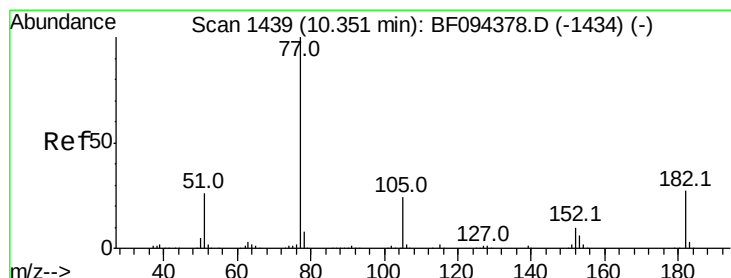
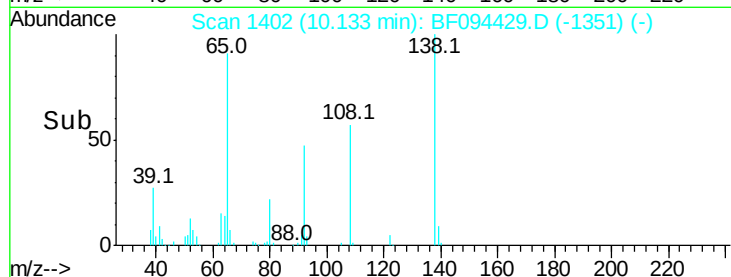
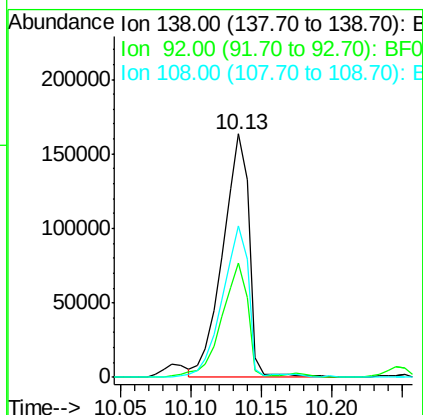
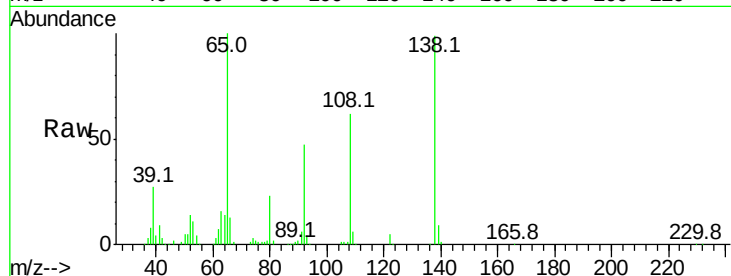




#61
4-Nitroaniline
Concen: 40.38 ng
RT: 10.13 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BF094429.D
Acq: 14 Apr 2017 15:22

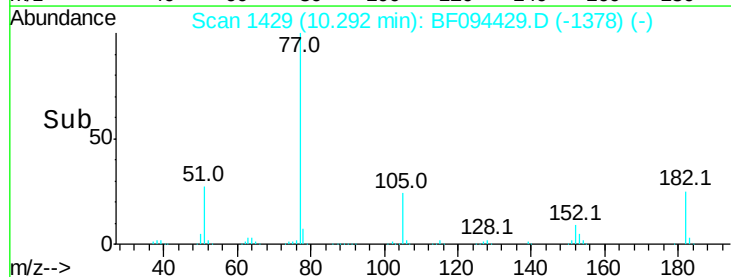
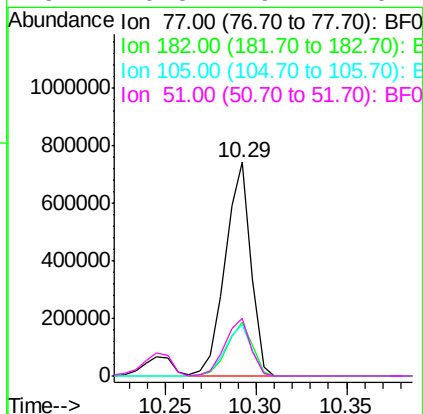
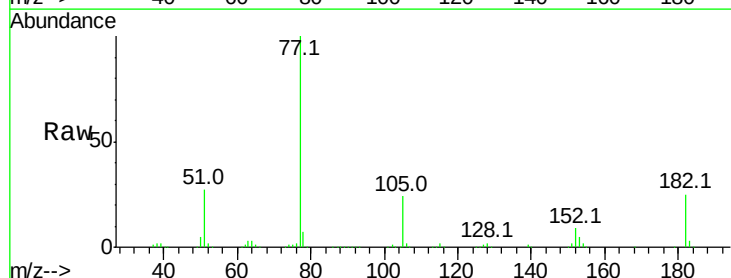
Instrument :
BNA_F
ClientSampleId :

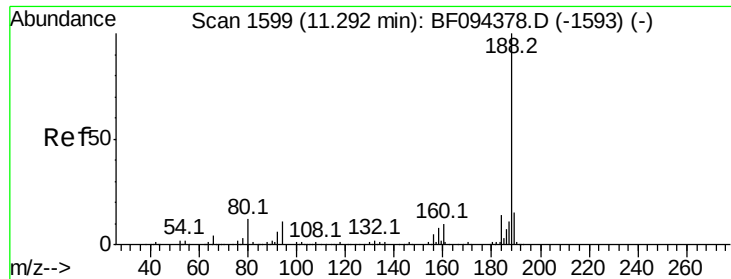
Tot Ion:138 Resp: 210364
Ion Ratio Lower Upper
138 100
92 46.9 21.8 61.8
108 62.3 42.3 82.3



#62
Azobenzene
Concen: 38.73 ng
RT: 10.29 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF094429.D
Acq: 14 Apr 2017 15:22

Tgt Ion: 77 Resp: 730194
Ion Ratio Lower Upper
77 100
182 25.0 0.1 40.1
105 23.7 3.6 43.6
51 26.8 9.4 49.4

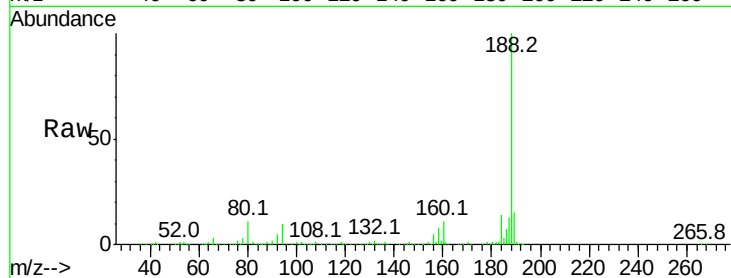




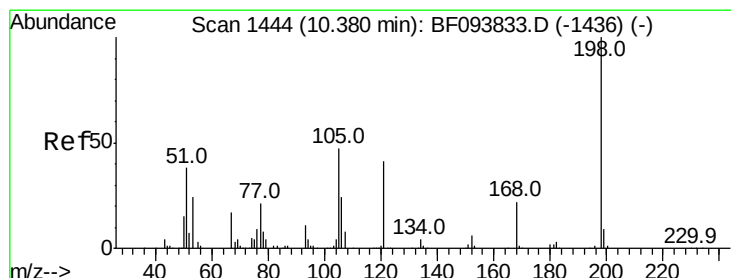
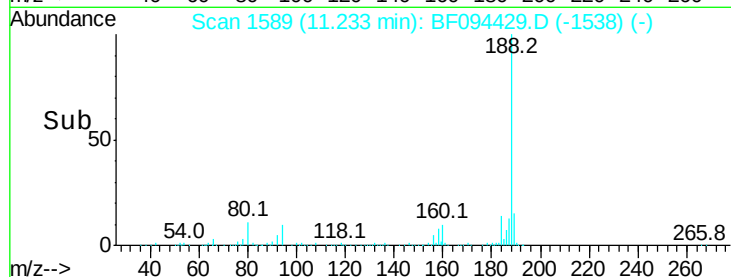
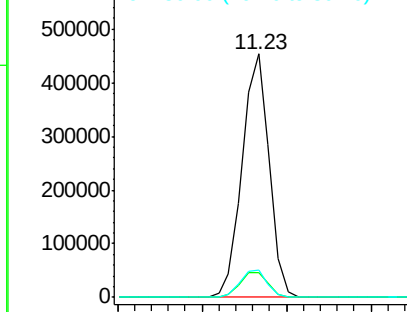
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BF094429.D
Acq: 14 Apr 2017 15:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 507018
Ion Ratio Lower Upper
188 100
94 10.2 9.4 14.2
80 11.1 10.2 15.2

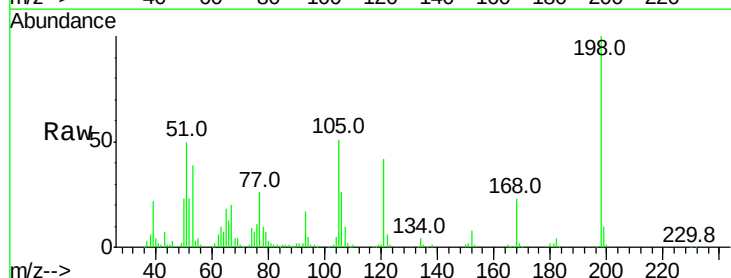


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

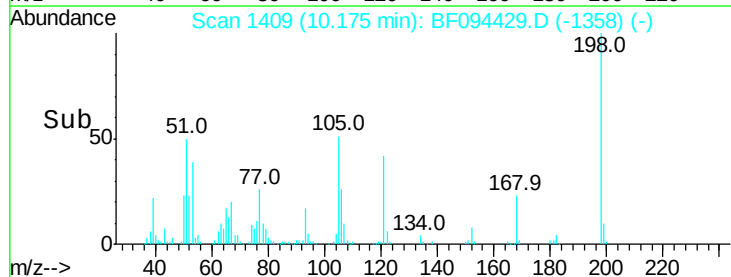
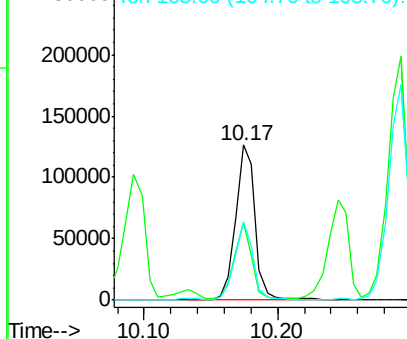


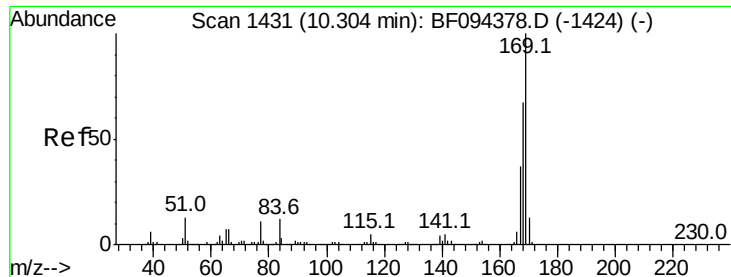
#64
4,6-Dinitro-2-methylphenol
Concen: 41.82 ng
RT: 10.17 min Scan# 1409
Delta R.T. 0.00 min
Lab File: BF094429.D
Acq: 14 Apr 2017 15:22

Tgt Ion:198 Resp: 129851
Ion Ratio Lower Upper
198 100
51 50.2 53.2 93.2#
105 51.0 45.8 85.8



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

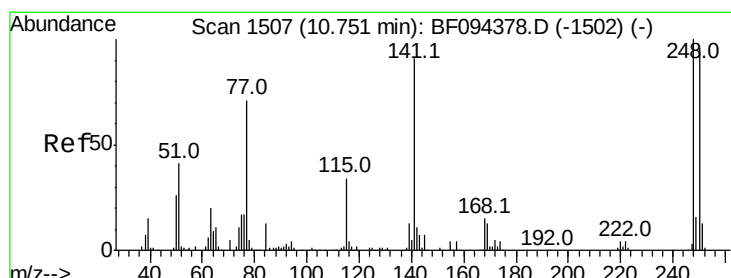
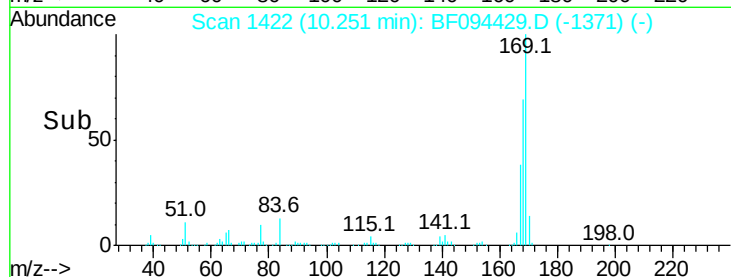
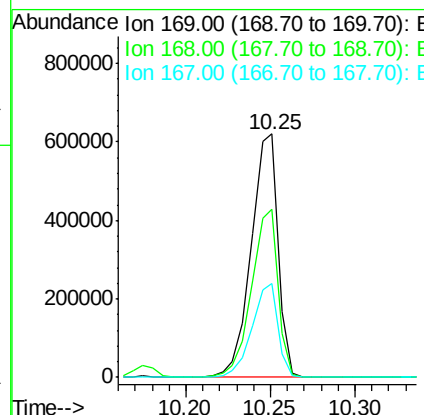
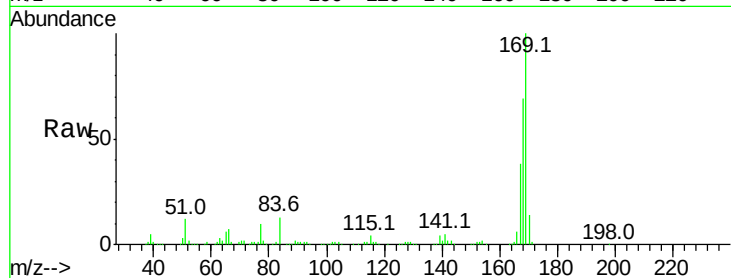




#65
n-Nitrosodiphenylamine
Concen: 39.59 ng
RT: 10.25 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BF094429.D
Acq: 14 Apr 2017 15:22

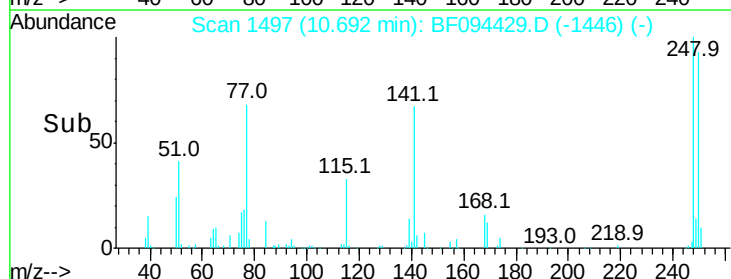
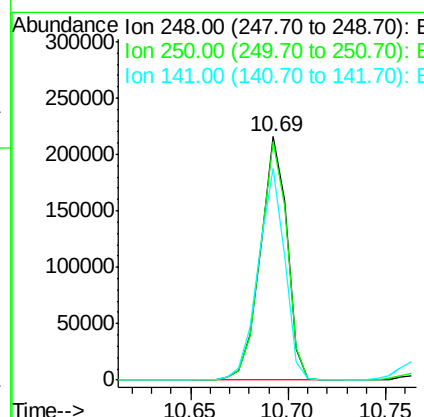
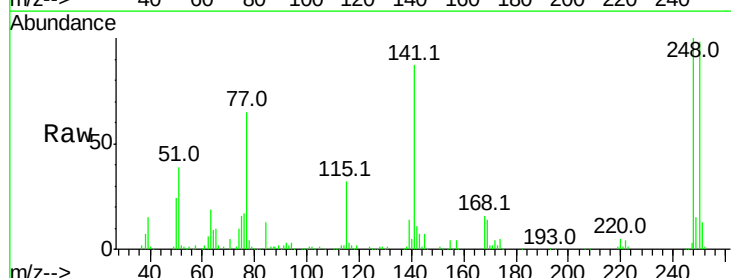
Instrument :
BNA_F
ClientSampleId :

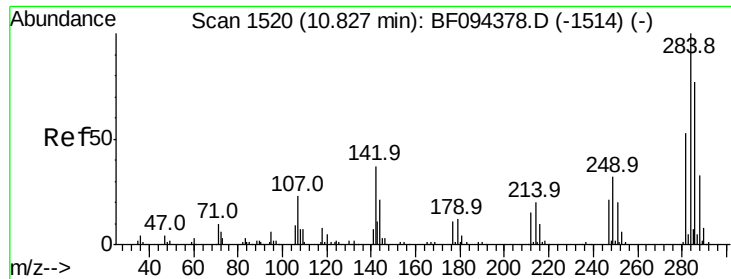
Tot Ion:169 Resp: 694245
Ion Ratio Lower Upper
169 100
168 68.9 53.2 79.8
167 38.4 29.5 44.3



#66
4-Bromophenyl-phenylether
Concen: 40.89 ng
RT: 10.69 min Scan# 1497
Delta R.T. 0.00 min
Lab File: BF094429.D
Acq: 14 Apr 2017 15:22

Tgt Ion:248 Resp: 203902
Ion Ratio Lower Upper
248 100
250 97.7 76.8 115.2
141 86.9 68.6 103.0





#67

Hexachlorobenzene

Concen: 40.15 ng

RT: 10.76 min Scan# 1509

Delta R.T. 0.00 min

Lab File: BF094429.D

Acq: 14 Apr 2017 15:22

Instrument :

BNA_F

ClientSampled :

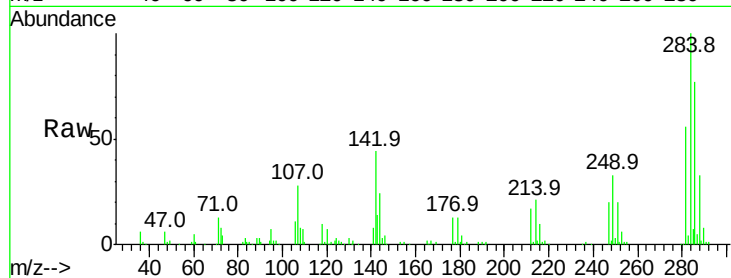
Tot Ion:284 Resp: 202678

Ion Ratio Lower Upper

284 100

142 44.1 22.8 34.2#

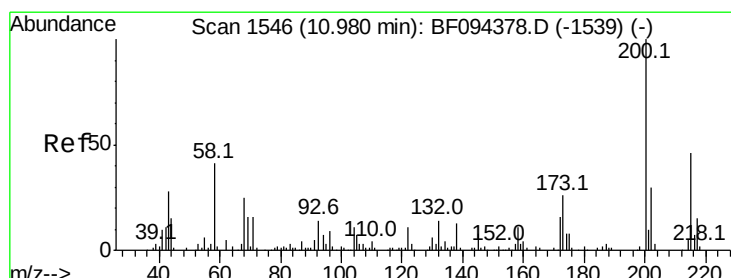
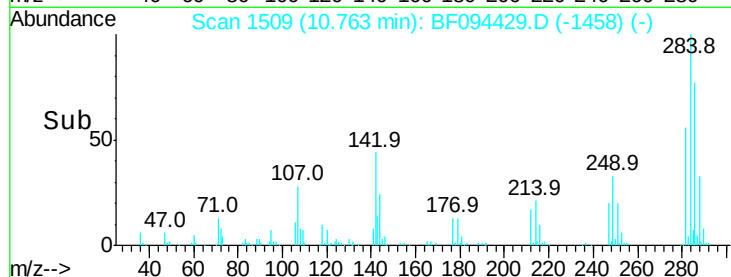
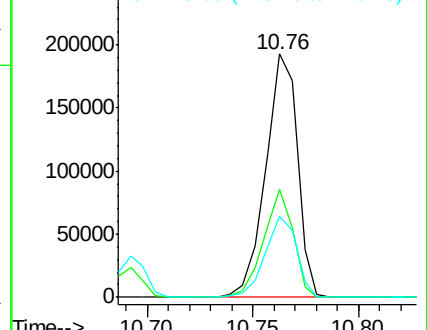
249 33.2 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 40.40 ng

RT: 10.92 min Scan# 1536

Delta R.T. 0.00 min

Lab File: BF094429.D

Acq: 14 Apr 2017 15:22

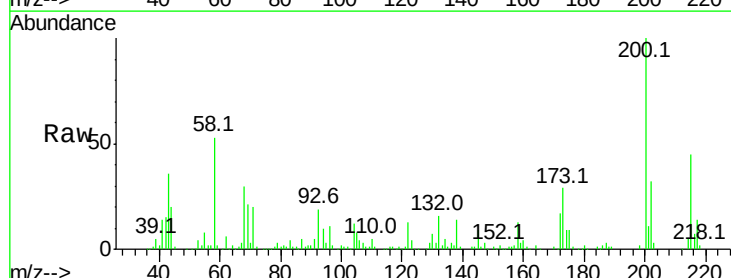
Tgt Ion:200 Resp: 212155

Ion Ratio Lower Upper

200 100

173 29.0 6.3 46.3

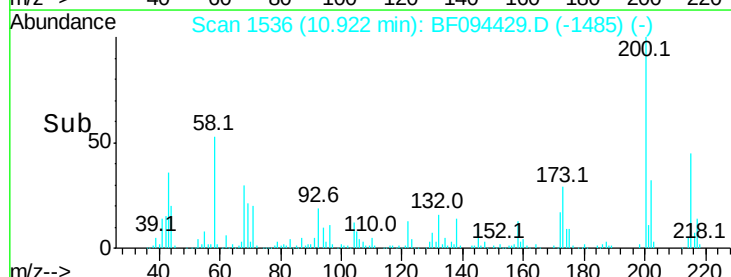
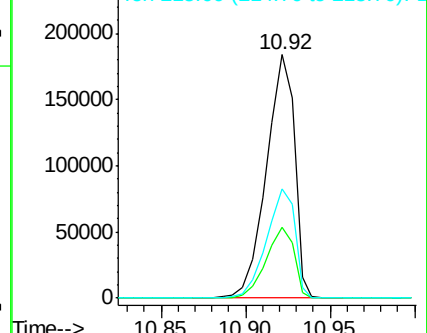
215 44.9 27.2 67.2

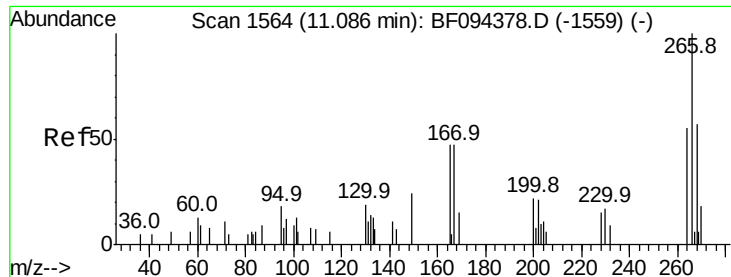


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

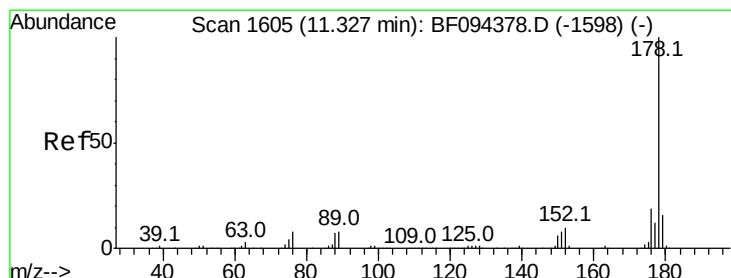
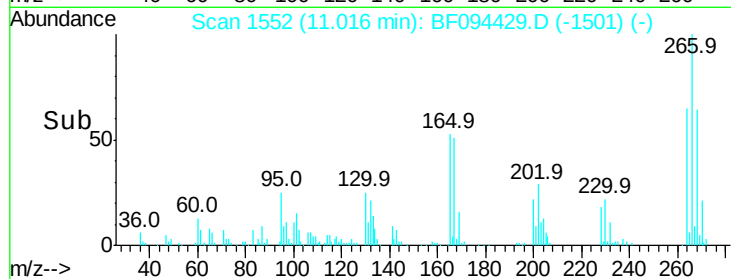
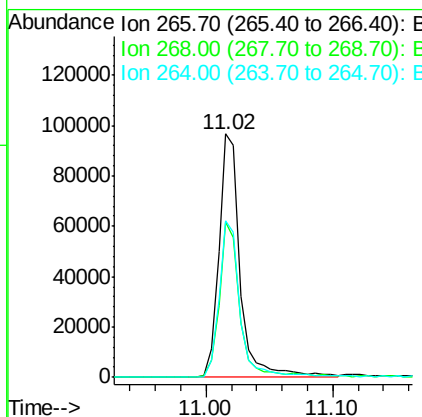
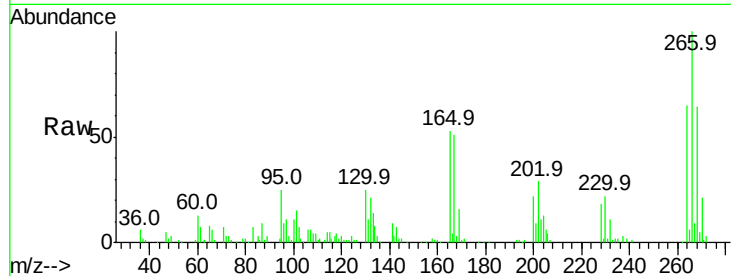




#69
 Pentachlorophenol
 Concen: 36.27 ng
 RT: 11.02 min Scan# 1552
 Delta R.T. 0.00 min
 Lab File: BF094429.D
 Acq: 14 Apr 2017 15:22

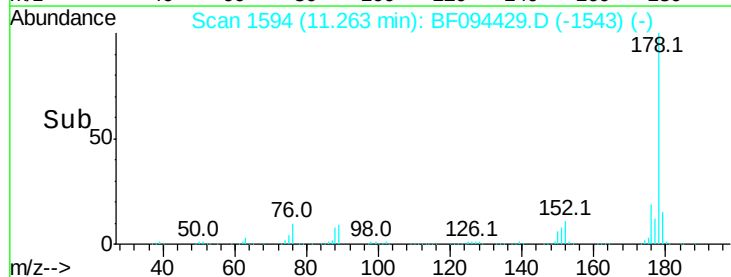
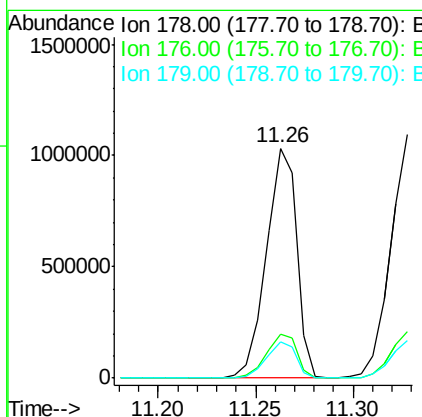
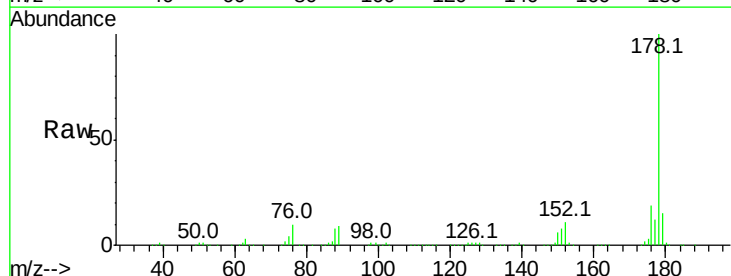
Instrument :
 BNA_F
 ClientSampleId :

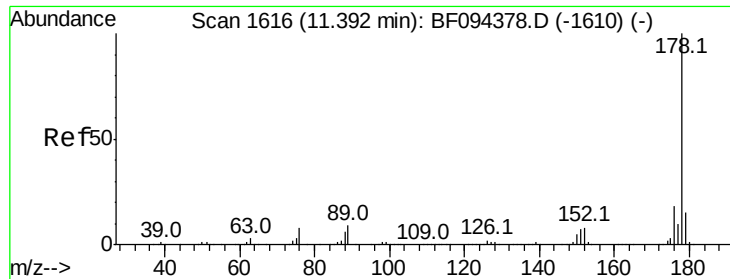
Tot Ion:266 Resp: 113972
 Ion Ratio Lower Upper
 266 100
 268 63.8 51.1 76.7
 264 64.5 51.7 77.5



#70
 Phenanthrene
 Concen: 39.59 ng
 RT: 11.26 min Scan# 1594
 Delta R.T. 0.00 min
 Lab File: BF094429.D
 Acq: 14 Apr 2017 15:22

Tgt Ion:178 Resp: 1116714
 Ion Ratio Lower Upper
 178 100
 176 19.3 16.2 24.4
 179 15.5 12.6 19.0

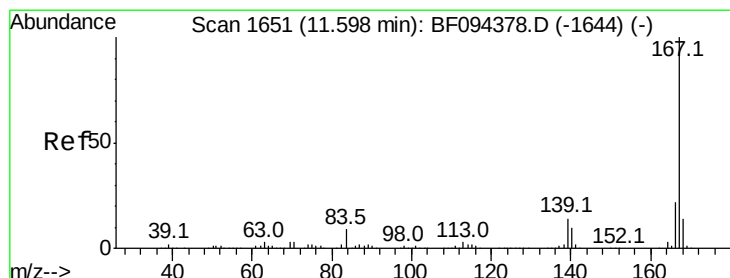
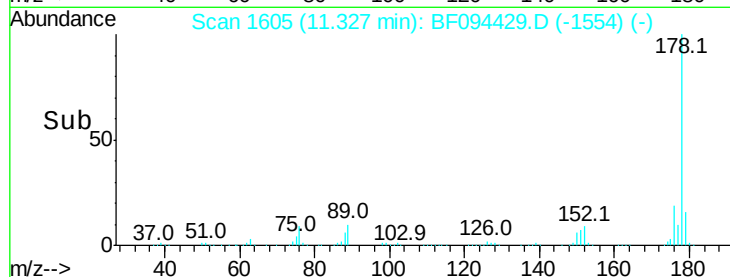
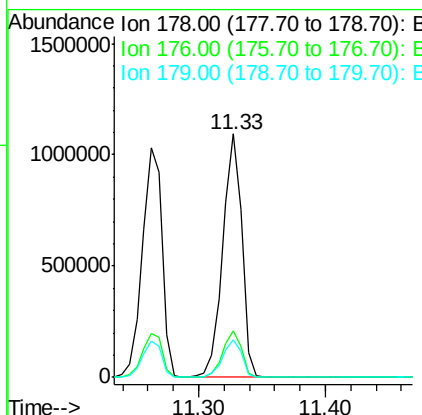
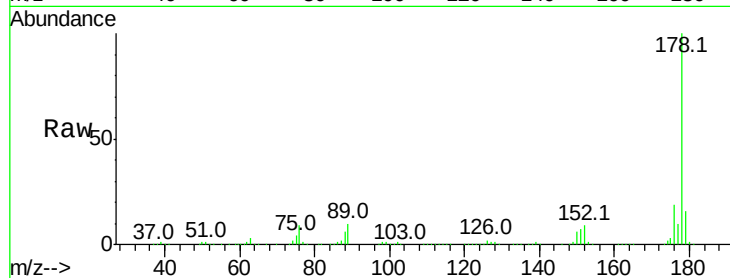




#71
 Anthracene
 Concen: 39.37 ng
 RT: 11.33 min Scan# 1605
 Delta R.T. 0.00 min
 Lab File: BF094429.D
 Acq: 14 Apr 2017 15:22

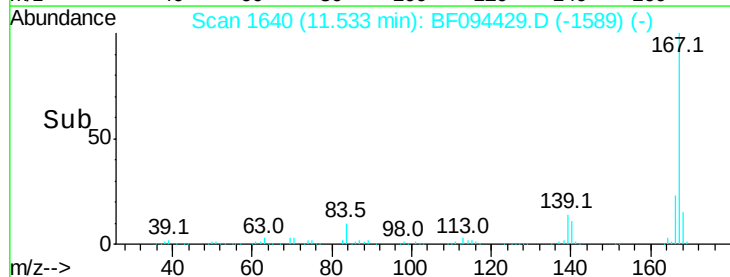
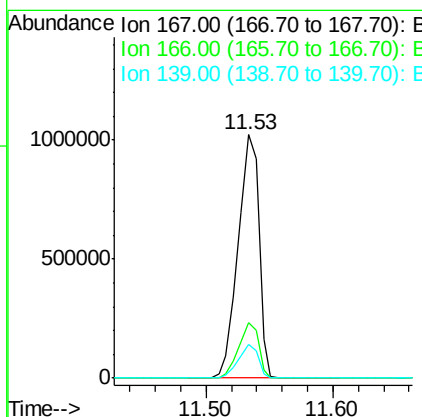
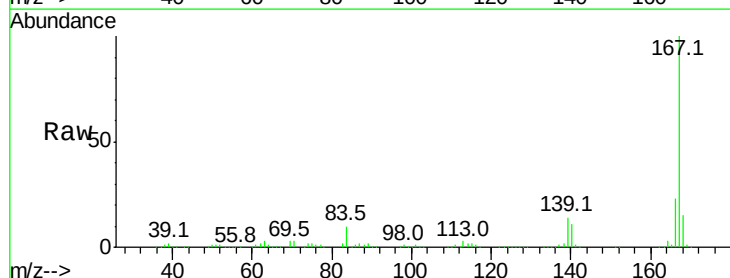
Instrument :
 BNA_F
 ClientSampled :

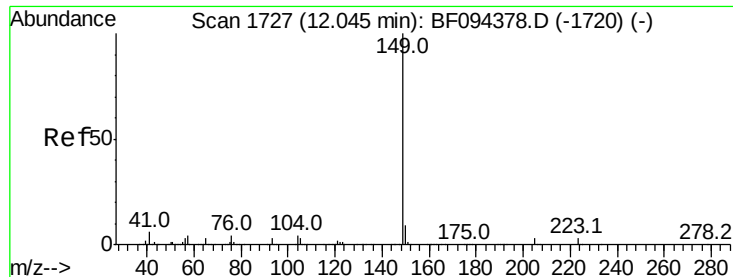
Tot Ion:178 Resp: 1143347
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.8 23.8
 179 15.6 12.7 19.1



#72
 Carbazole
 Concen: 38.87 ng
 RT: 11.53 min Scan# 1640
 Delta R.T. 0.00 min
 Lab File: BF094429.D
 Acq: 14 Apr 2017 15:22

Tgt Ion:167 Resp: 1157420
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.1 27.1
 139 14.0 11.7 17.5





#73

Di-n-butylphthalate

Concen: 41.00 ng

RT: 11.99 min Scan# 1717

Delta R.T. 0.00 min

Lab File: BF094429.D

Acq: 14 Apr 2017 15:22

Instrument :

BNA_F

ClientSampleId :

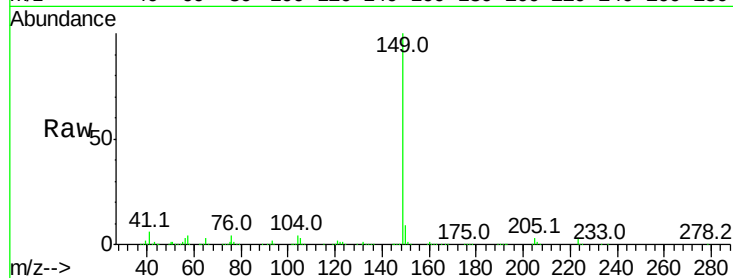
Tot Ion:149 Resp: 1269698

Ion Ratio Lower Upper

149 100

150 9.0 7.7 11.5

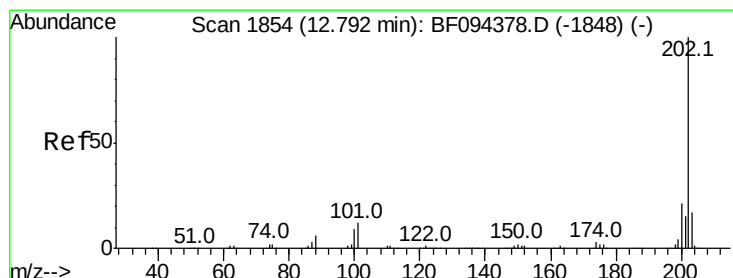
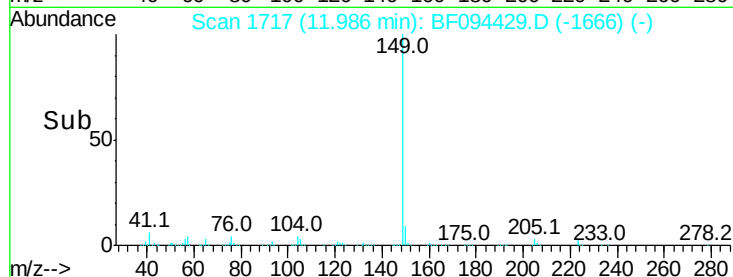
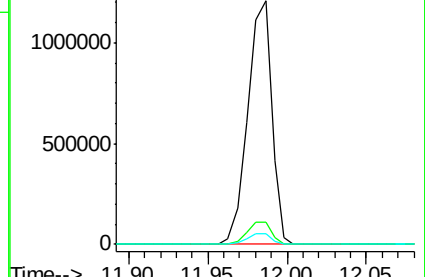
104 4.2 4.0 6.0



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: 40.12 ng

RT: 12.72 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF094429.D

Acq: 14 Apr 2017 15:22

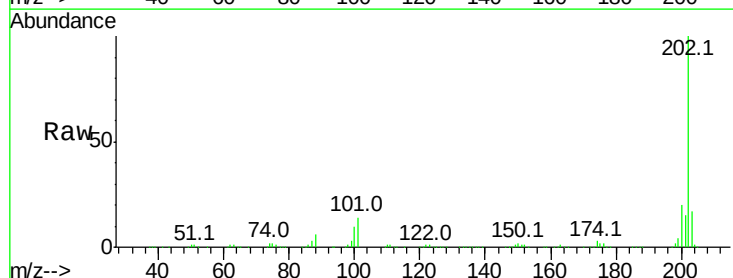
Tgt Ion:202 Resp: 1158558

Ion Ratio Lower Upper

202 100

101 13.9 0.0 33.2

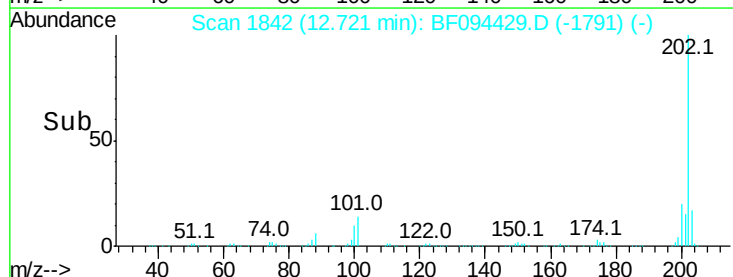
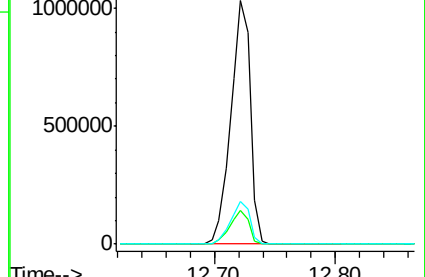
203 17.5 0.0 38.1

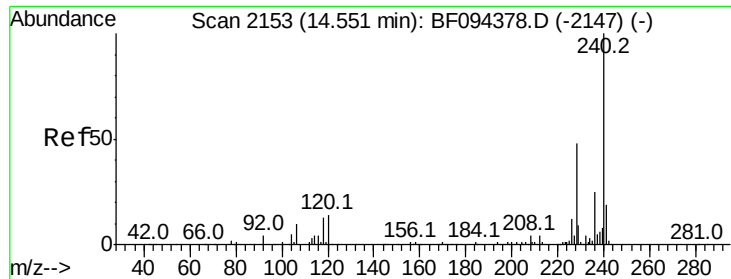


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.48 min Scan# 2141

Delta R.T. 0.00 min

Lab File: BF094429.D

Acq: 14 Apr 2017 15:22

Instrument :

BNA_F

ClientSampleId :

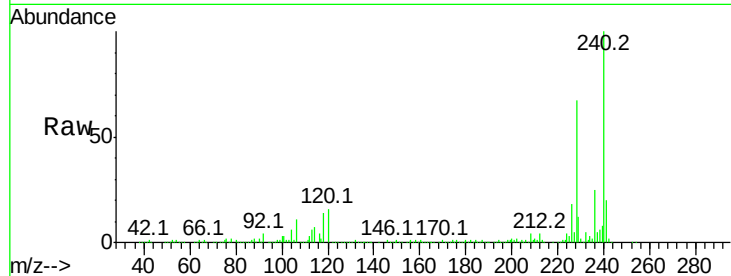
Tot Ion:240 Resp: 400784

Ion Ratio Lower Upper

240 100

120 16.0 5.8 8.8#

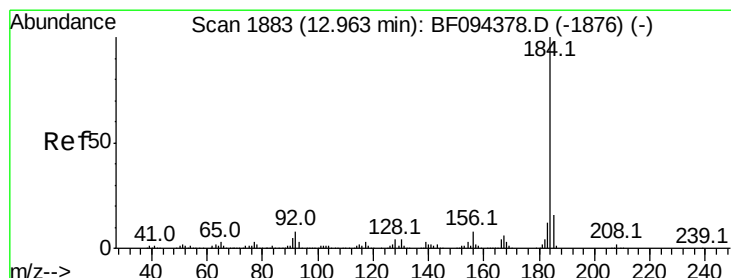
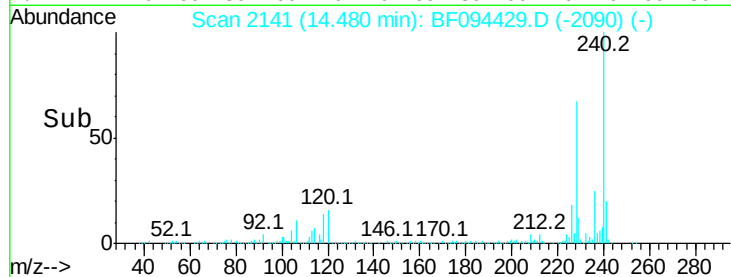
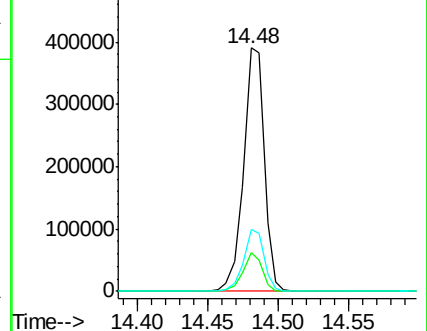
236 25.3 20.5 30.7



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: 35.69 ng

RT: 12.90 min Scan# 1872

Delta R.T. 0.00 min

Lab File: BF094429.D

Acq: 14 Apr 2017 15:22

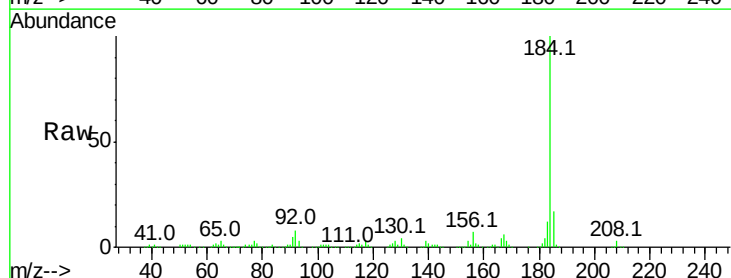
Tgt Ion:184 Resp: 566122

Ion Ratio Lower Upper

184 100

185 16.8 15.5 23.3

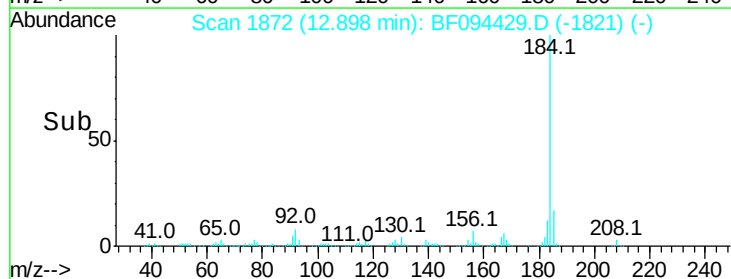
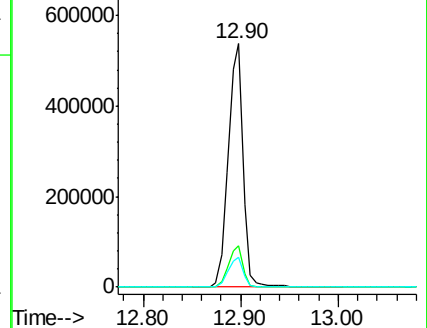
183 12.1 9.8 14.6

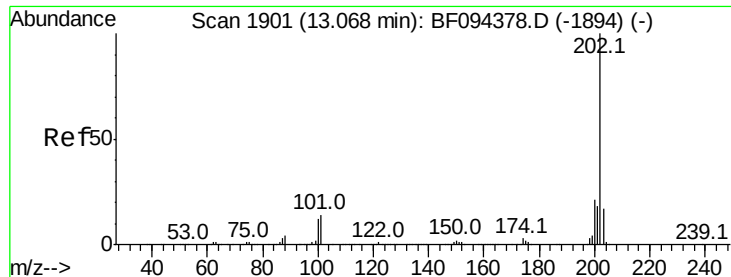


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

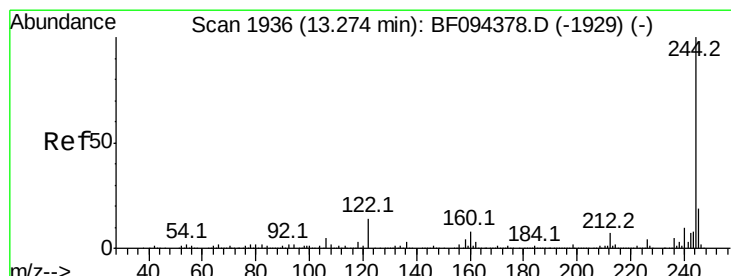
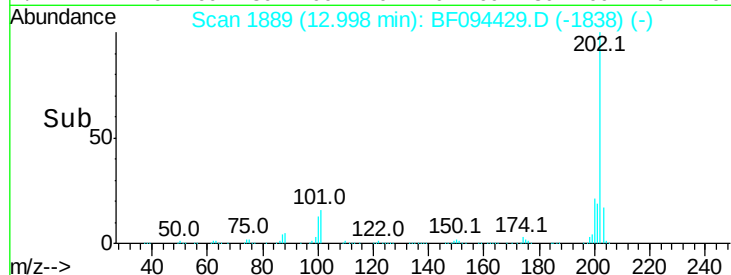
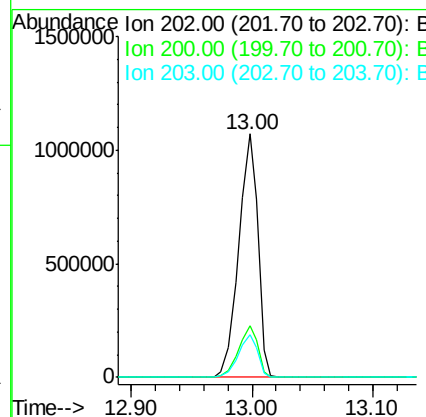
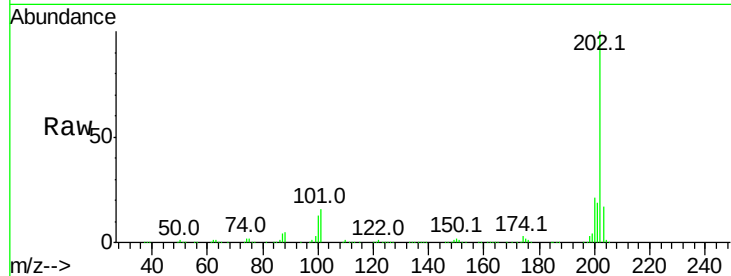




#77
Pvrene
Concen: 40.88 ng
RT: 13.00 min Scan# 1889
Delta R.T. 0.00 min
Lab File: BF094429.D
Acq: 14 Apr 2017 15:22

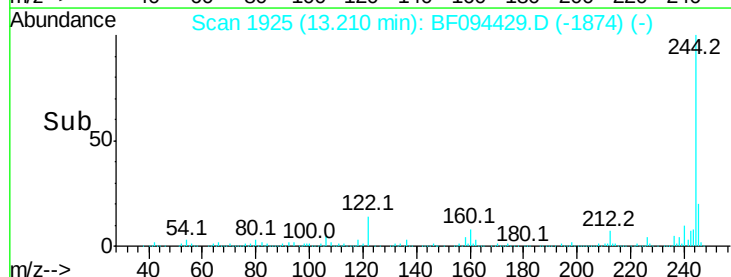
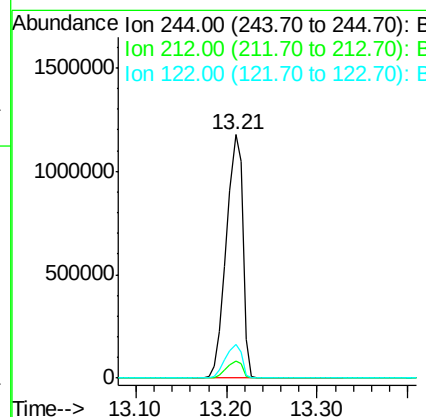
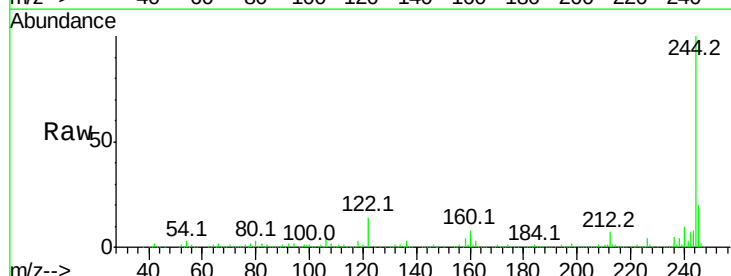
Instrument :
BNA_F
ClientSampled :

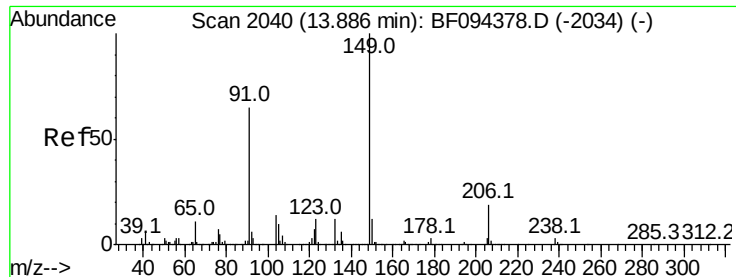
Tot Ion:202 Resp: 1189163
Ion Ratio Lower Upper
202 100
200 21.3 17.6 26.4
203 17.5 14.4 21.6



#78
Terphenyl-d14
Concen: 82.40 ng
RT: 13.21 min Scan# 1925
Delta R.T. 0.00 min
Lab File: BF094429.D
Acq: 14 Apr 2017 15:22

Tgt Ion:244 Resp: 1473342
Ion Ratio Lower Upper
244 100
212 6.8 6.0 9.0
122 13.8 10.3 15.5

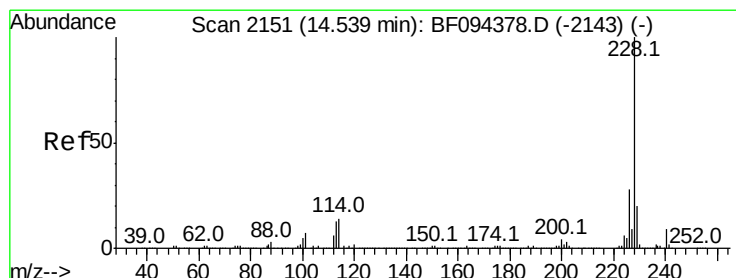
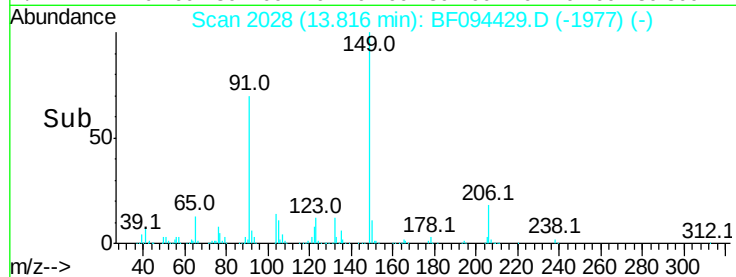
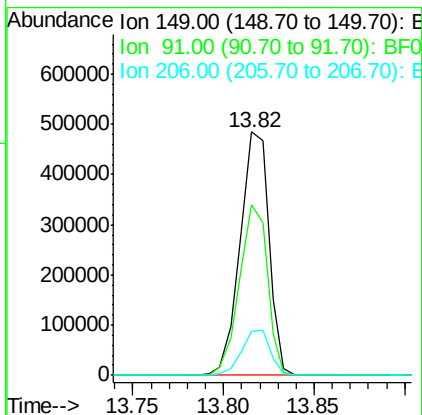
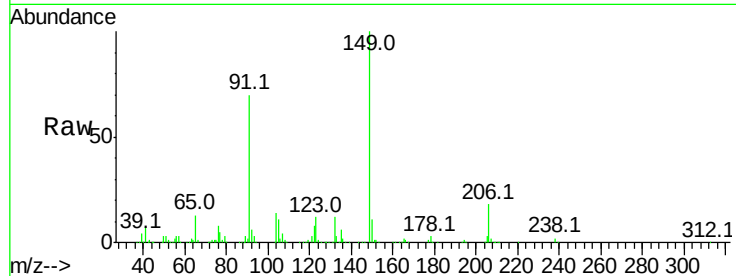




#79
Butylbenzylphthalate
Concen: 43.31 ng
RT: 13.82 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BF094429.D
Acq: 14 Apr 2017 15:22

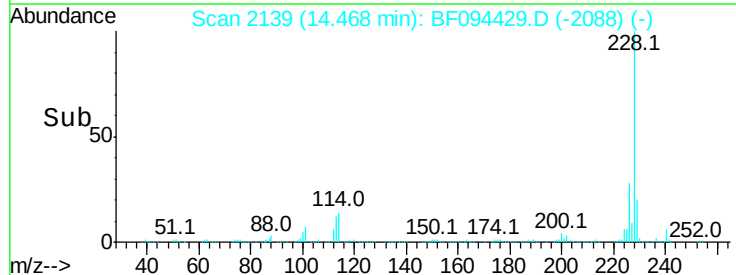
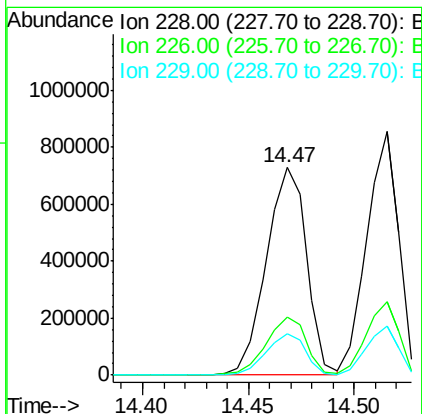
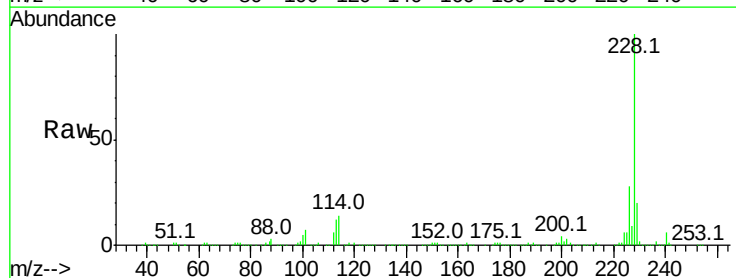
Instrument :
BNA_F
ClientSampleId :

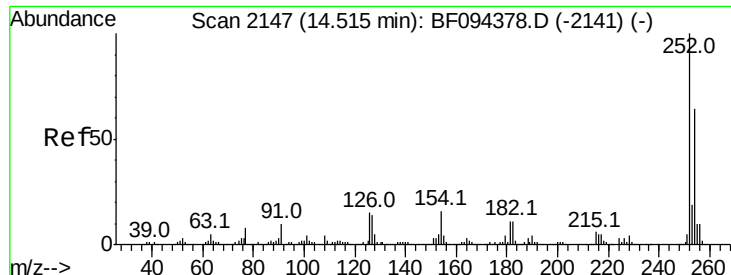
Tot Ion:149 Resp: 536720
Ion Ratio Lower Upper
149 100
91 70.3 45.0 67.4#
206 18.1 17.0 25.6



#80
Benzo(a)anthracene
Concen: 41.35 ng
RT: 14.47 min Scan# 2139
Delta R.T. 0.00 min
Lab File: BF094429.D
Acq: 14 Apr 2017 15:22

Tgt Ion:228 Resp: 966472
Ion Ratio Lower Upper
228 100
226 27.8 22.6 33.8
229 19.7 16.3 24.5

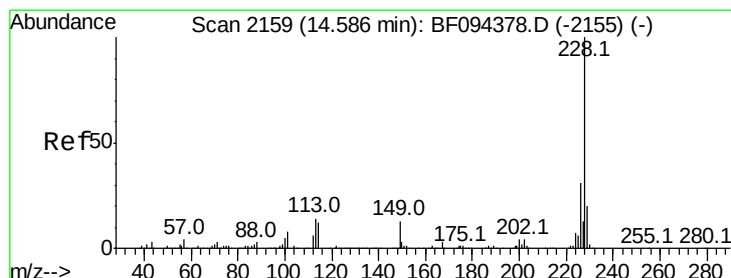
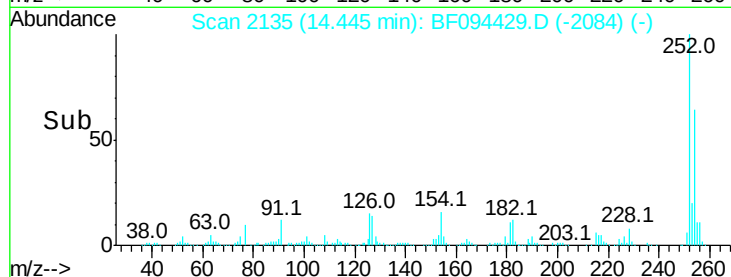
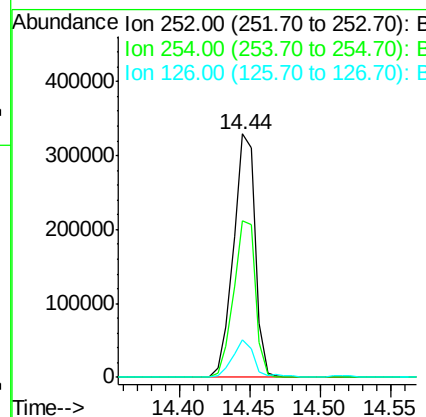
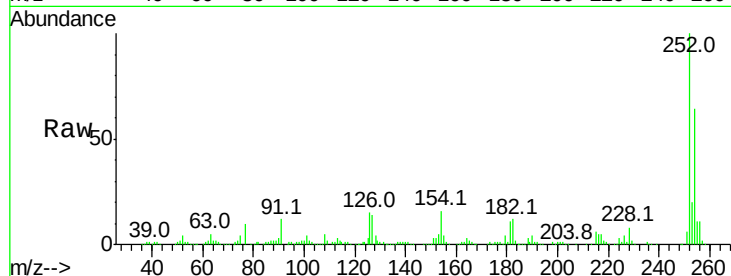




#81
 3,3'-Dichlorobenzidine
 Concen: 42.20 ng
 RT: 14.44 min Scan# 2135
 Delta R.T. 0.00 min
 Lab File: BF094429.D
 Acq: 14 Apr 2017 15:22

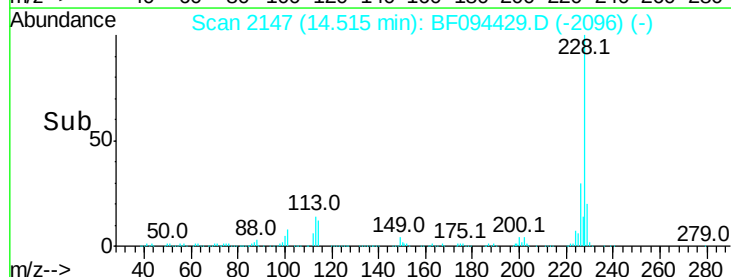
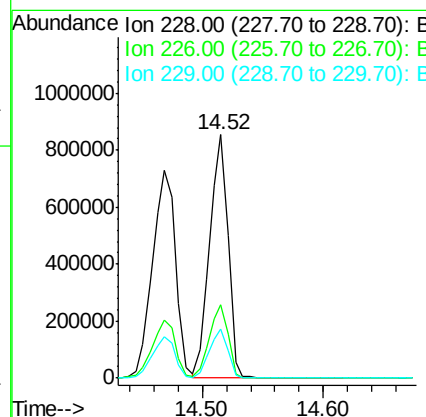
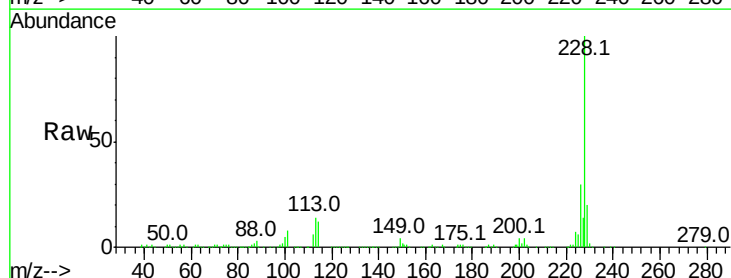
Instrument :
 BNA_F
 ClientSampleId :

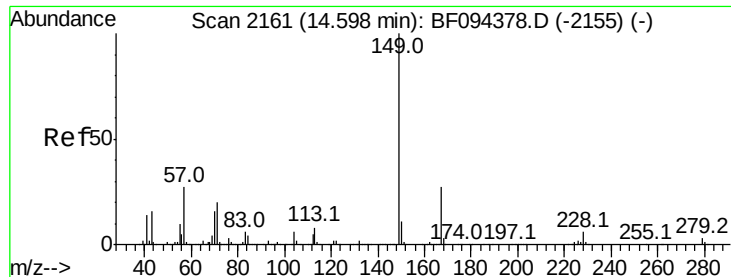
Tot Ion:252 Resp: 352540
 Ion Ratio Lower Upper
 252 100
 254 64.4 51.5 77.3
 126 15.4 15.8 23.8#



#82
 Chrysene
 Concen: 41.50 ng
 RT: 14.52 min Scan# 2147
 Delta R.T. 0.00 min
 Lab File: BF094429.D
 Acq: 14 Apr 2017 15:22

Tgt Ion:228 Resp: 899984
 Ion Ratio Lower Upper
 228 100
 226 30.3 24.9 37.3
 229 19.9 15.8 23.6

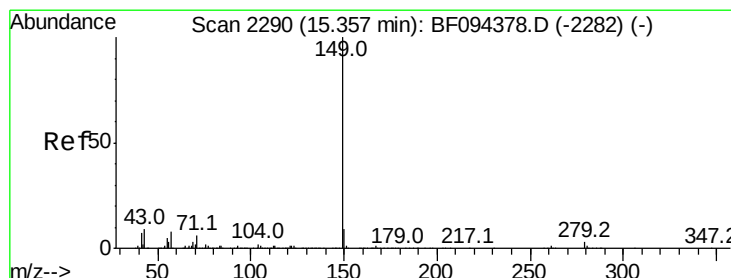
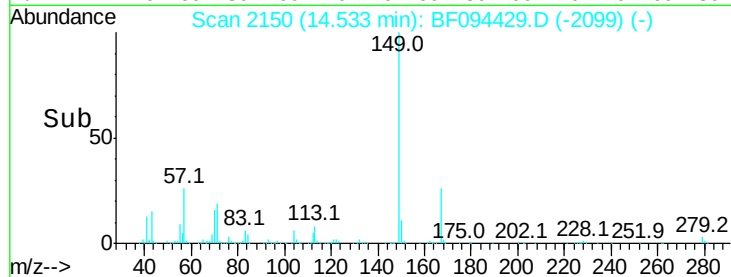
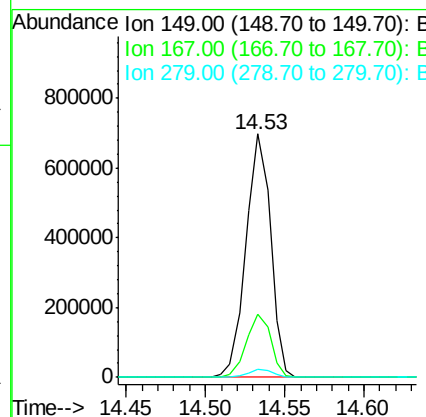
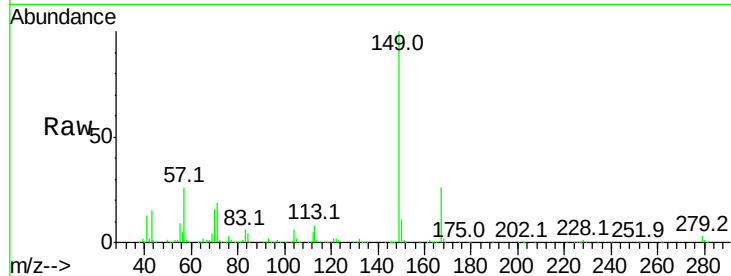




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.45 ng
 RT: 14.53 min Scan# 2150
 Delta R.T. 0.00 min
 Lab File: BF094429.D
 Acq: 14 Apr 2017 15:22

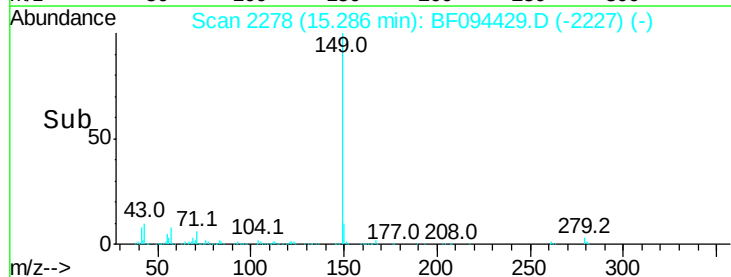
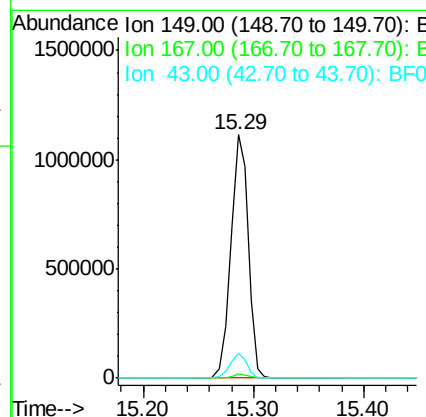
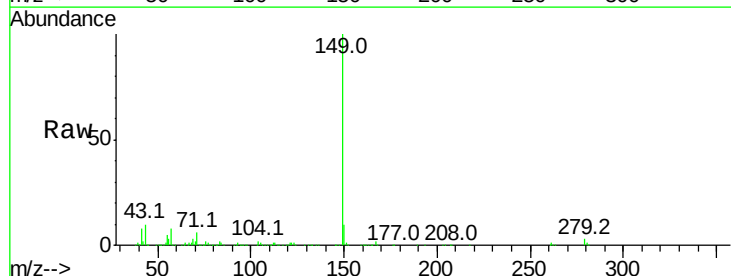
Instrument :
 BNA_F
 ClientSampleId :

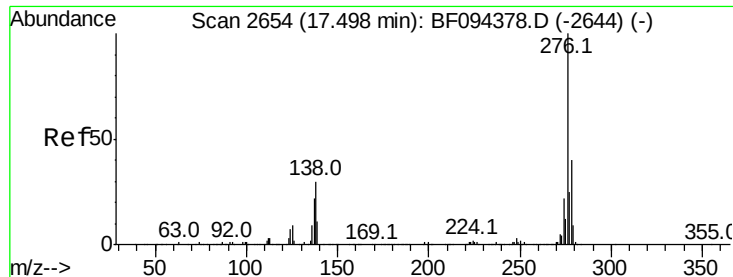
Tot Ion:149 Resp: 751641
 Ion Ratio Lower Upper
 149 100
 167 26.2 21.0 31.4
 279 3.2 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 43.63 ng
 RT: 15.29 min Scan# 2278
 Delta R.T. 0.00 min
 Lab File: BF094429.D
 Acq: 14 Apr 2017 15:22

Tgt Ion:149 Resp: 1232472
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.7 8.5 12.7





#85

Indeno(1,2,3-cd)pyrene

Concen: 40.11 ng

RT: 17.38 min Scan# 2634

Delta R.T. 0.00 min

Lab File: BF094429.D

Acq: 14 Apr 2017 15:22

Instrument :

BNA_F

ClientSampleId :

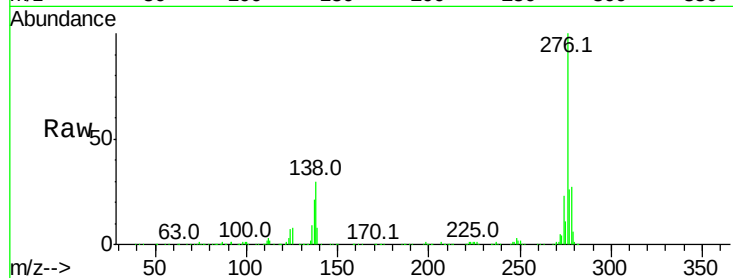
Tot Ion:276 Resp: 753431

Ion Ratio Lower Upper

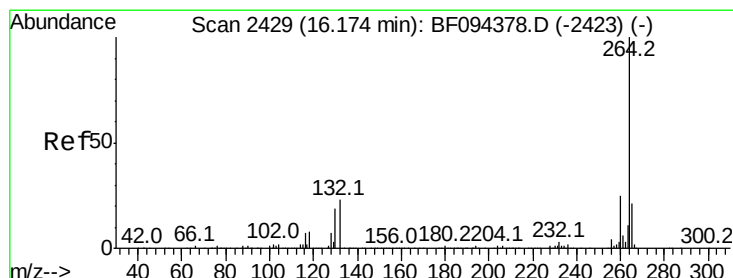
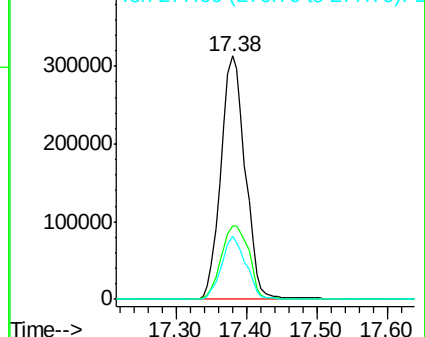
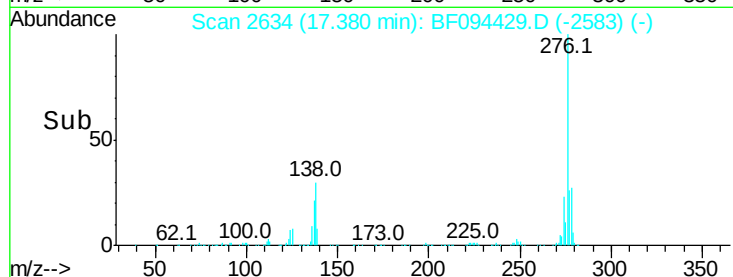
276 100

138 34.5 27.8 41.6

277 25.8 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: 20.00 ng

RT: 16.10 min Scan# 2416

Delta R.T. 0.00 min

Lab File: BF094429.D

Acq: 14 Apr 2017 15:22

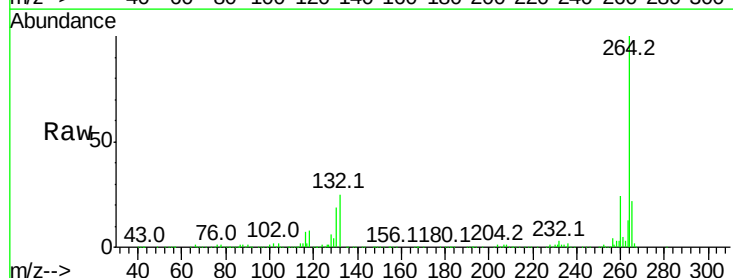
Tgt Ion:264 Resp: 339709

Ion Ratio Lower Upper

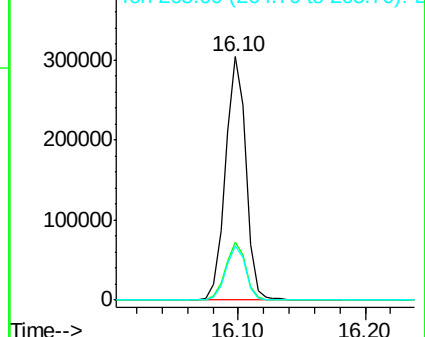
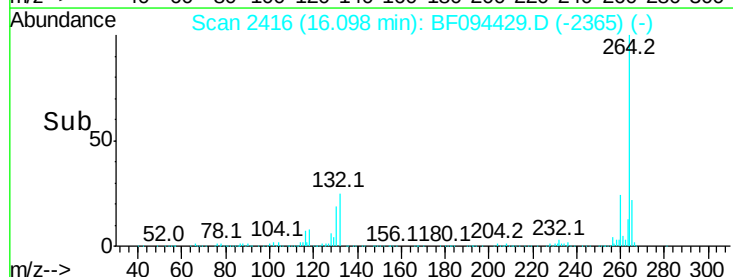
264 100

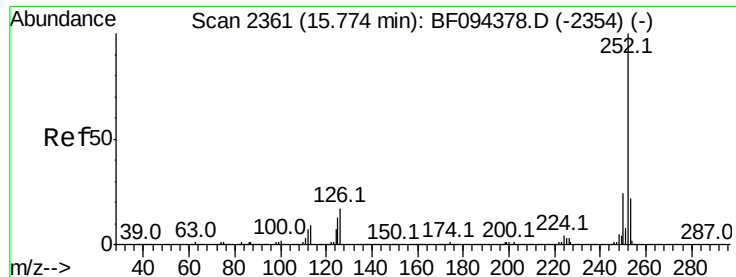
260 24.1 19.5 29.3

265 22.1 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

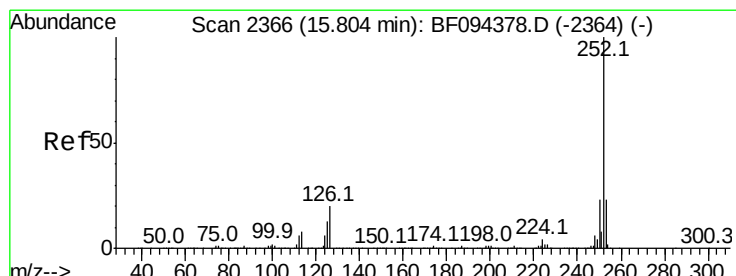
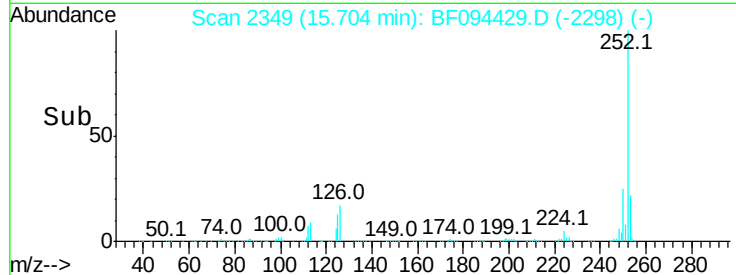
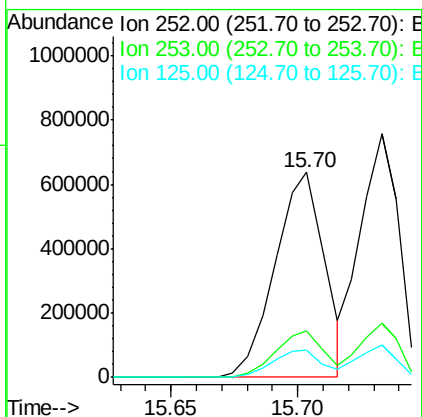
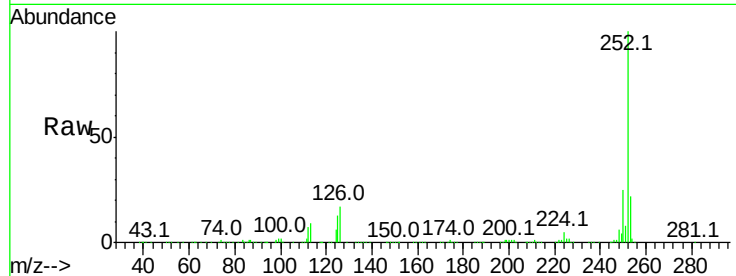




#87
Benzo(b)fluoranthene
Concen: 41.42 ng
RT: 15.70 min Scan# 2349
Delta R.T. 0.00 min
Lab File: BF094429.D
Acq: 14 Apr 2017 15:22

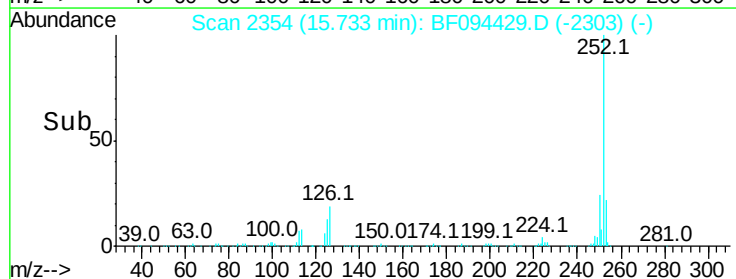
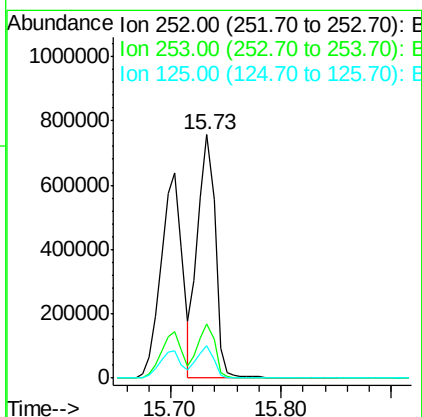
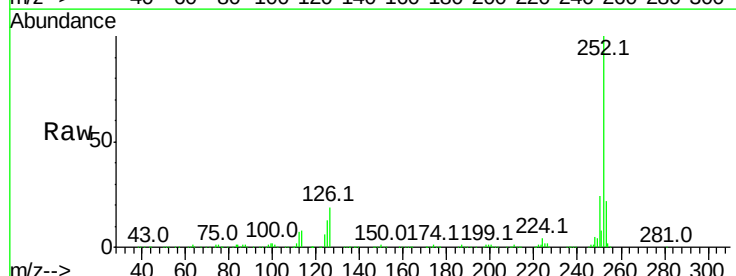
Instrument :
BNA_F
ClientSampleId :

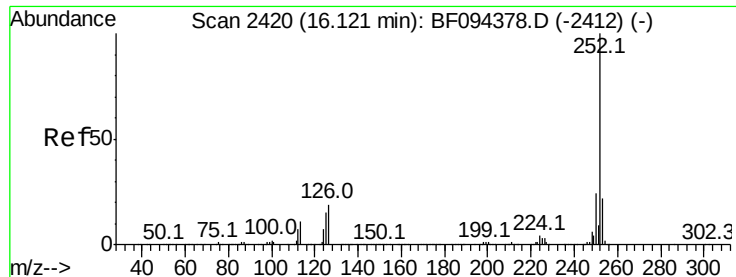
Tot Ion:252 Resp: 862572
Ion Ratio Lower Upper
252 100
253 22.5 18.1 27.1
125 13.0 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 40.16 ng
RT: 15.73 min Scan# 2354
Delta R.T. 0.00 min
Lab File: BF094429.D
Acq: 14 Apr 2017 15:22

Tgt Ion:252 Resp: 818280
Ion Ratio Lower Upper
252 100
253 22.4 18.4 27.6
125 13.2 13.1 19.7





#89

Benzo(a)pyrene

Concen: 40.51 ng

RT: 16.04 min Scan# 2407

Delta R.T. 0.00 min

Lab File: BF094429.D

Acq: 14 Apr 2017 15:22

Instrument :

BNA_F

ClientSampleId :

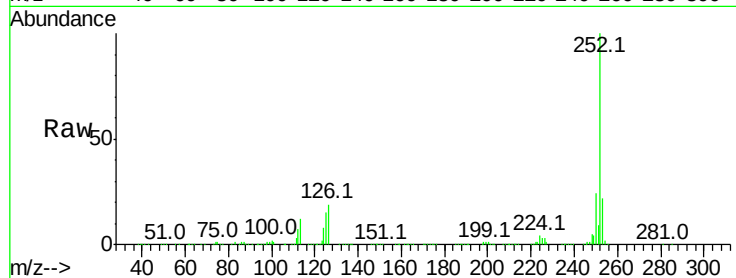
Tot Ion:252 Resp: 776730

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

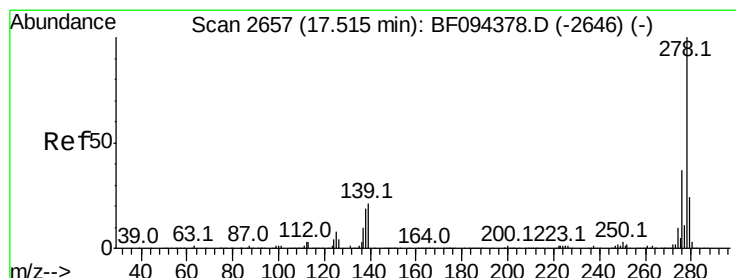
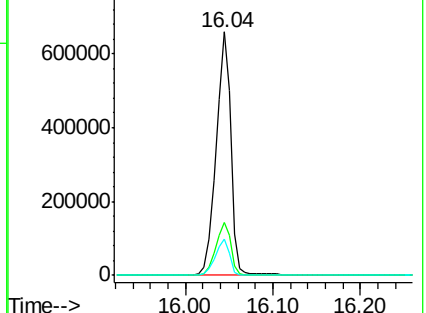
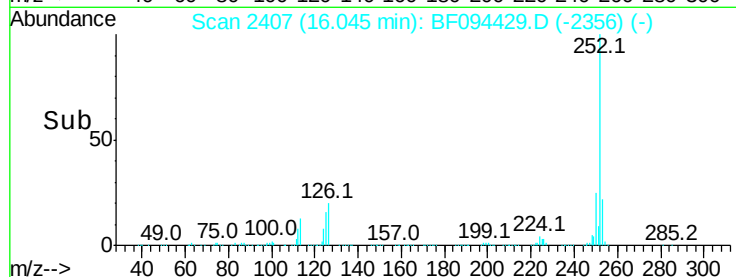
125 14.7 11.0 16.4



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: 39.30 ng

RT: 17.40 min Scan# 2638

Delta R.T. 0.00 min

Lab File: BF094429.D

Acq: 14 Apr 2017 15:22

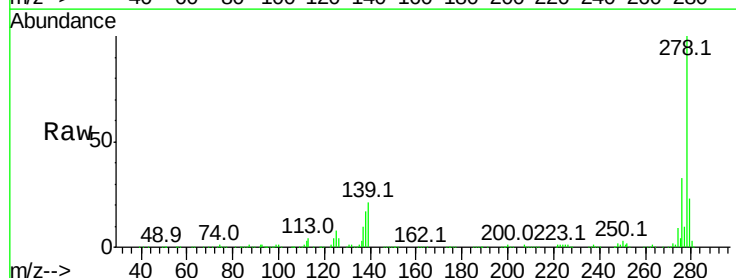
Tgt Ion:278 Resp: 638158

Ion Ratio Lower Upper

278 100

139 21.3 16.6 24.8

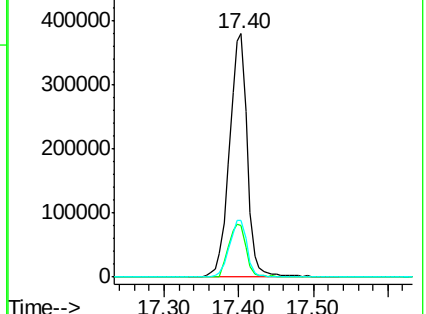
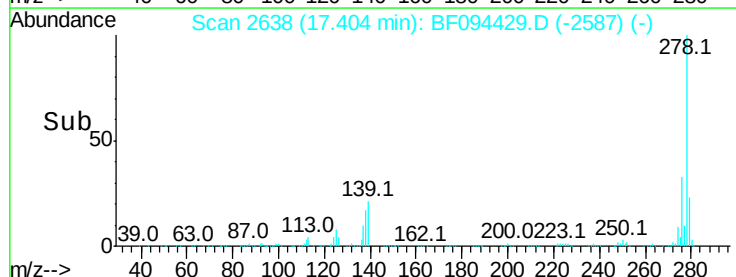
279 23.4 19.3 28.9

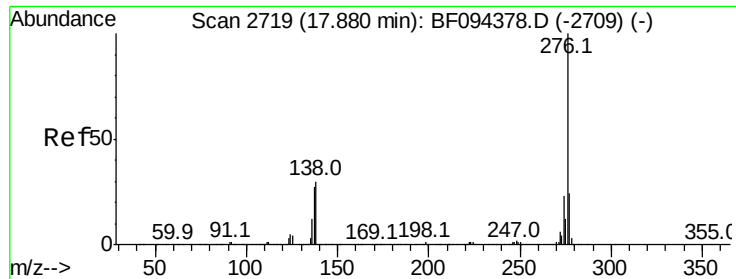


Abundance Ion 278.00 (277.70 to 278.70): E

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: 38.41 ng

RT: 17.76 min Scan# 2698

Delta R.T. 0.00 min

Lab File: BF094429.D

Acq: 14 Apr 2017 15:22

Instrument :

BNA_F

ClientSampleId :

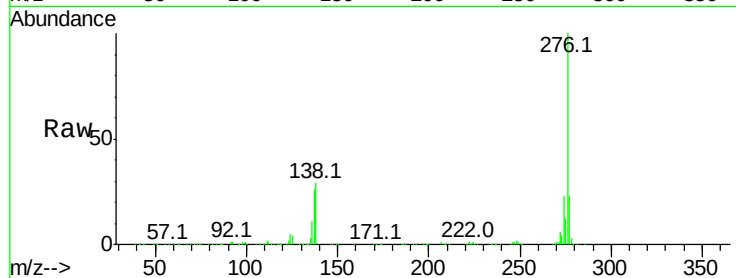
Tot Ion: 276 Resp: 628692

Ion Ratio Lower Upper

276 100

277 23.3 18.6 28.0

138 29.4 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

