

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062917\
 Data File : BF096284.D
 Acq On : 29 Jun 2017 11:46
 Operator : SJ/MA
 Sample : I3899-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

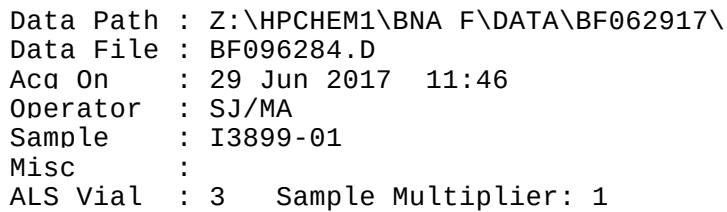
Quant Time: Jun 29 17:31:38 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 15:41:49 2017
 Response via : Initial Calibration

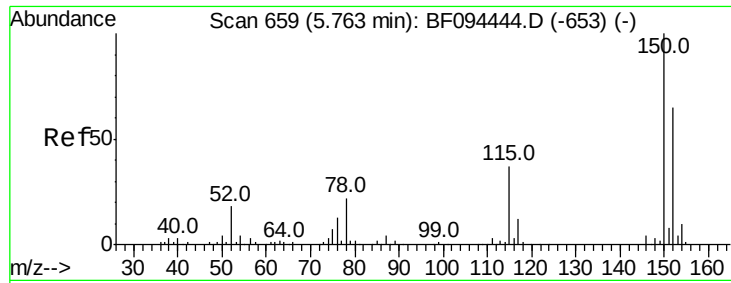
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	164846	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	677535	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	288147	20.00	ng	0.00
63) Phenanthrene-d10	11.28	188	464675	20.00	ng	0.00
75) Chrysene-d12	13.91	240	308941	20.00	ng	0.00
86) Perylene-d12	15.33	264	287034	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.39	112	973035	85.04	ng	0.00
7) Phenol-d6	6.40	99	1195582	86.29	ng	0.00
23) Nitrobenzene-d5	7.33	82	703548	71.88	ng	-0.03
41) 2,4,6-Tribromophenol	10.59	330	242178	106.80	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1171662	74.47	ng	-0.02
78) Terphenyl-d14	12.87	244	827281	66.82	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.40	77	1354	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.33	70	90843	10.94	ng	87
25) Isophorone	7.33	82	702193	31.59	ng	67
32) Benzoic acid	7.74	122	9028	9.82	ng	94
49) Dimethylphthalate	9.52	163	364207	17.66	ng	100
56) 2,4-Dinitrotoluene	9.80	165	35649	6.59	ng	33
57) Fluorene	10.59	166	11713	Below Cal	#	90
64) 4,6-Dinitro-2-methylphenol	10.59	198	182	8.81	ng	1
66) 4-Bromophenyl-phenylether	10.59	248	13163	2.75	ng	1
70) Phenanthrene	11.30	178	5727	Below Cal	#	88

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



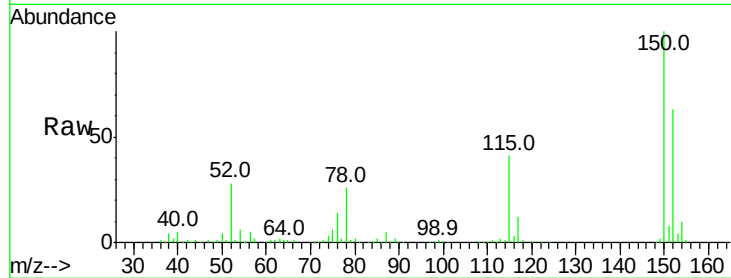


#1

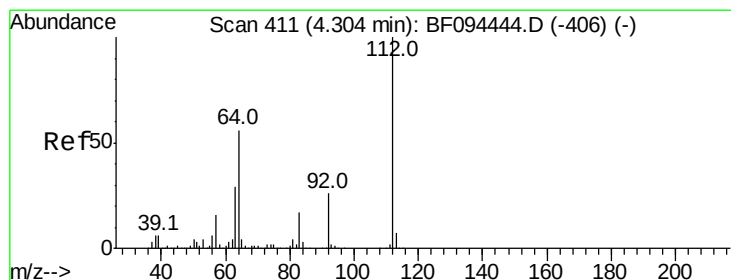
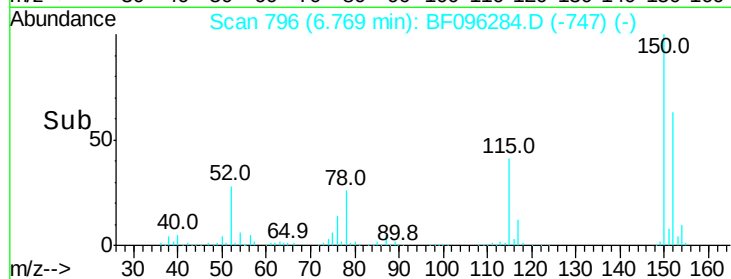
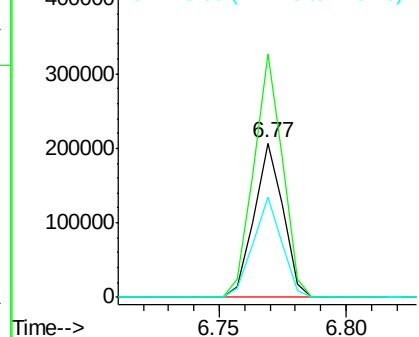
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF096284.D
Acq: 29 Jun 2017 11:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 164846
Ion Ratio Lower Upper
152 100
150 157.5 126.2 189.2
115 65.0 52.2 78.2



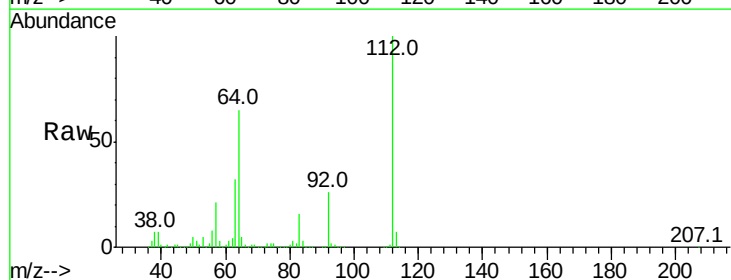
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



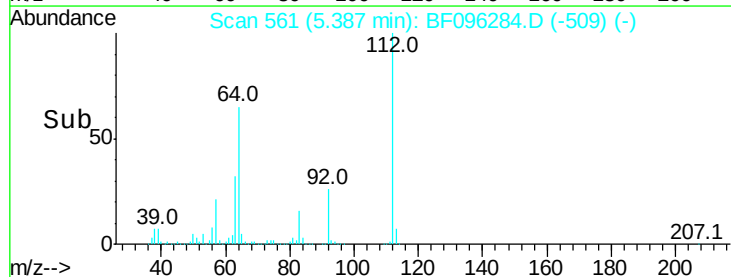
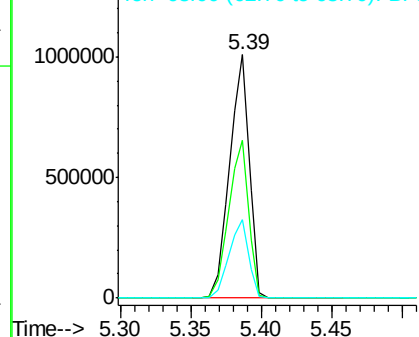
#5

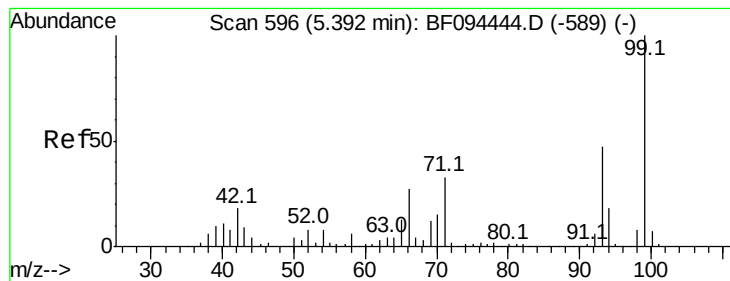
2-Fluorophenol
Concen: 85.04 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF096284.D
Acq: 29 Jun 2017 11:46

Tgt Ion:112 Resp: 973035
Ion Ratio Lower Upper
112 100
64 64.9 46.0 69.0
63 32.3 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





#7

Phenol-d6

Concen: 86.29 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF096284.D

Acq: 29 Jun 2017 11:46

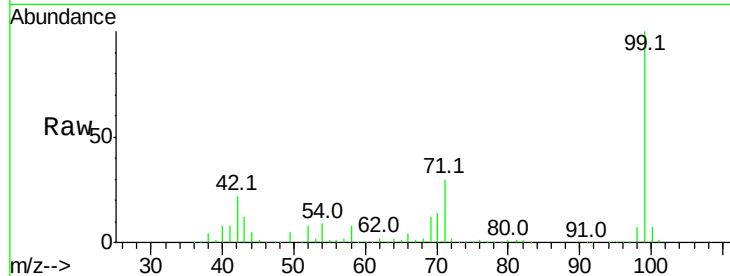
Instrument :

BNA_F

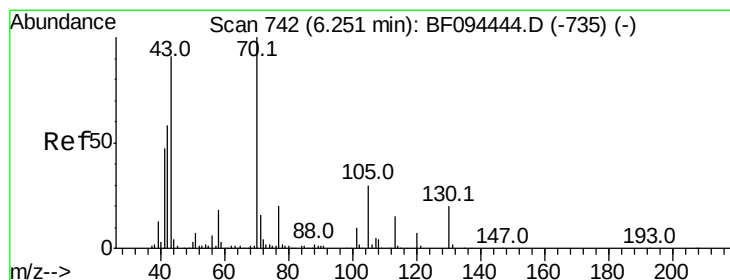
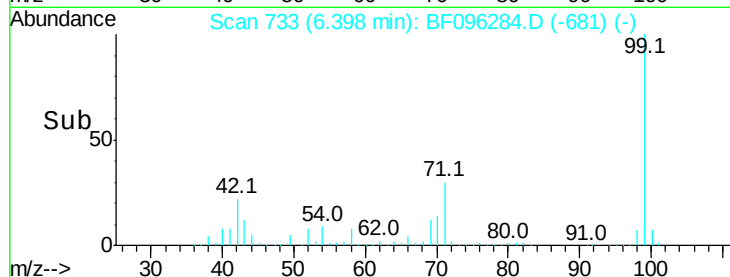
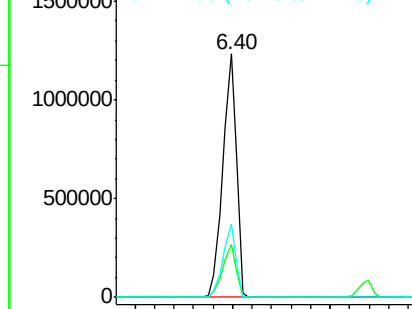
ClientSampleId :

Tot Ion: 99 Resp: 1195582

Ion	Ratio	Lower	Upper
99	100		
42	21.9	13.5	20.3#
71	30.0	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



#19

n-Nitroso-di-n-propylamine

Concen: 10.94 ng

RT: 7.33 min Scan# 891

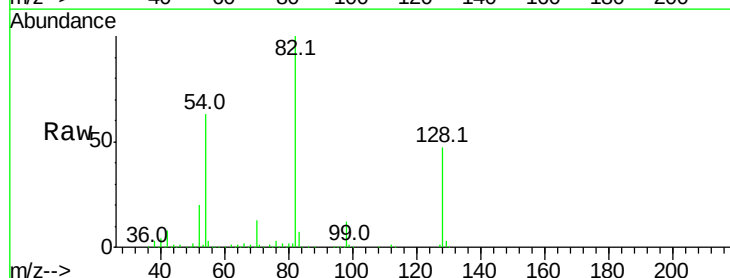
Delta R.T. 0.15 min

Lab File: BF096284.D

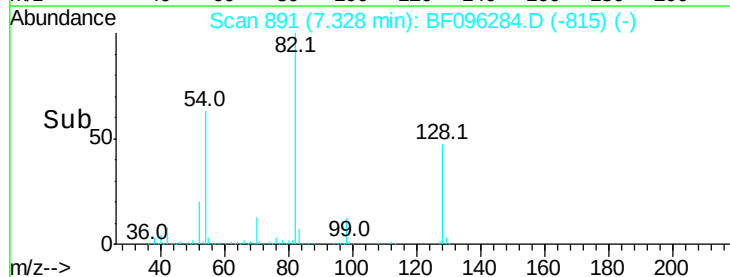
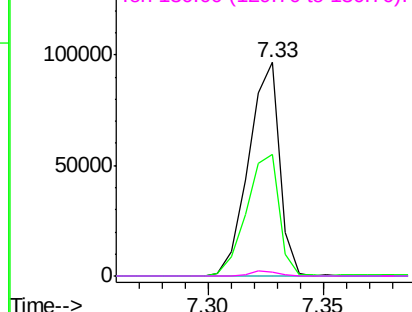
Acq: 29 Jun 2017 11:46

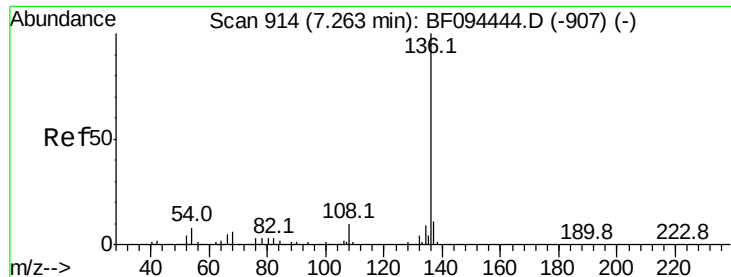
Tgt Ion: 70 Resp: 90843

Ion	Ratio	Lower	Upper
70	100		
42	57.1	47.2	70.8
101	0.0	7.2	10.8#
130	1.8	15.9	23.9#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

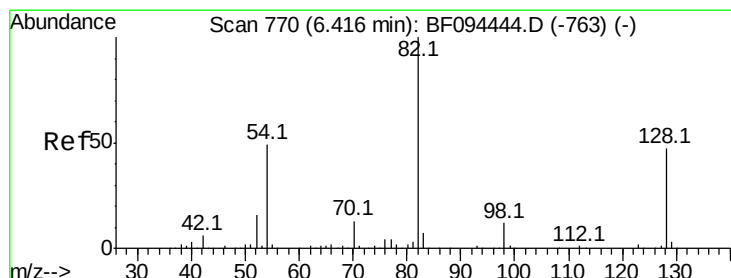
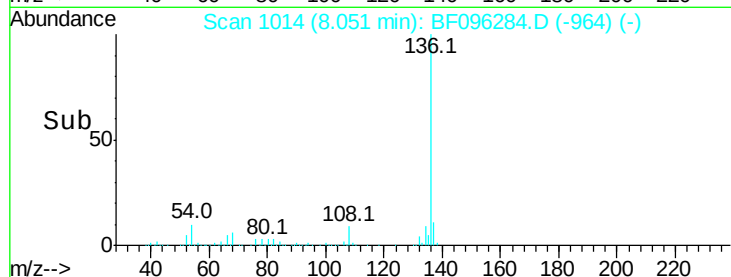
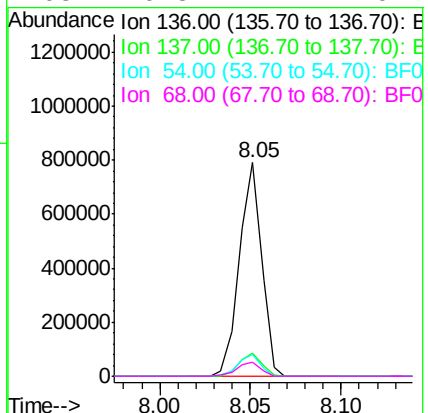
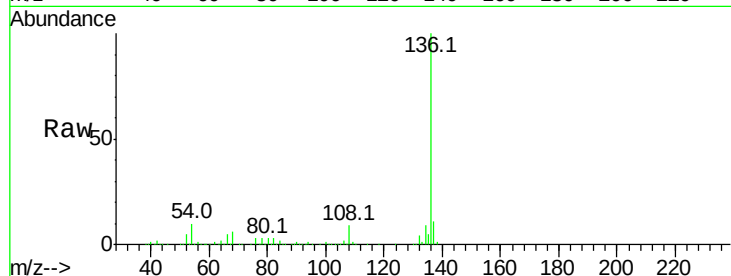




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF096284.D
Acq: 29 Jun 2017 11:46

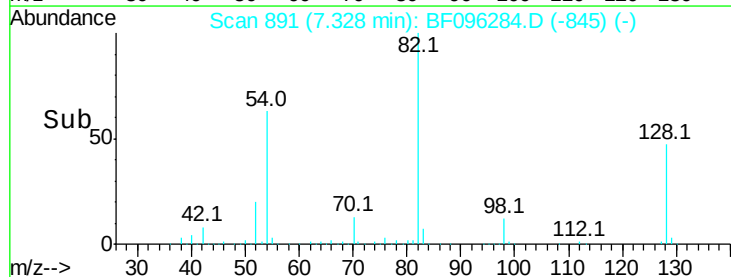
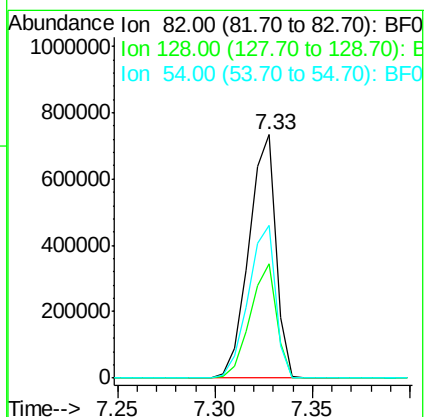
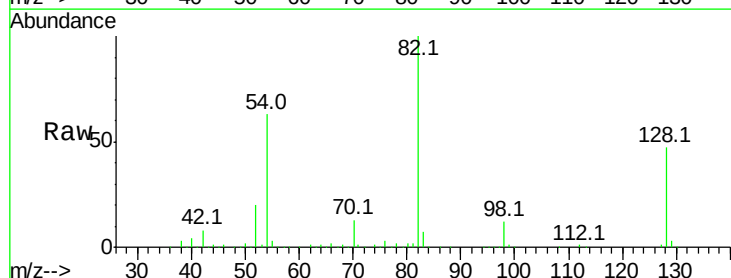
Instrument :
BNA_F
ClientSampleId :

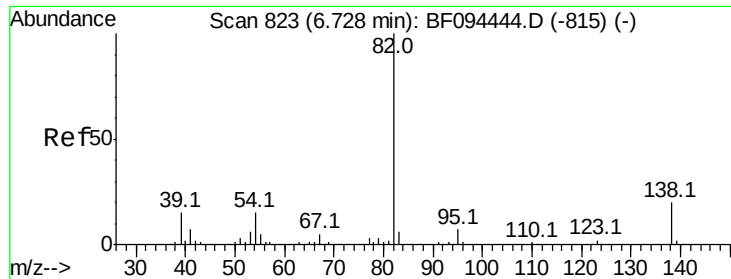
Tot Ion:136	Resp:	677535
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.5 12.7
54	10.5	4.9 7.3#
68	6.3	4.1 6.1#



#23
Nitrobenzene-d5
Concen: 71.88 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.03 min
Lab File: BF096284.D
Acq: 29 Jun 2017 11:46

Tgt Ion: 82	Resp:	703548
Ion Ratio	Lower	Upper
82	100	
128	47.1	34.0 51.0
54	62.8	42.2 63.2





#25

Isophorone

Concen: 31.59 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.26 min

Lab File: BF096284.D

Acq: 29 Jun 2017 11:46

Instrument :
BNA_F
ClientSampled :

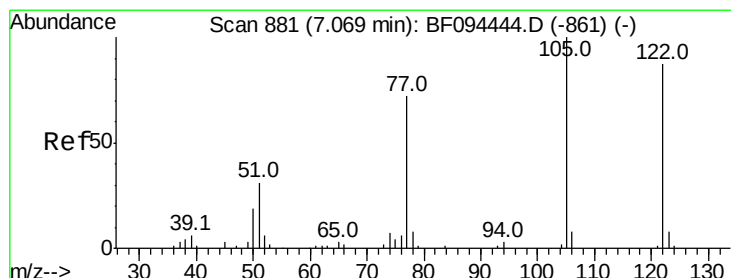
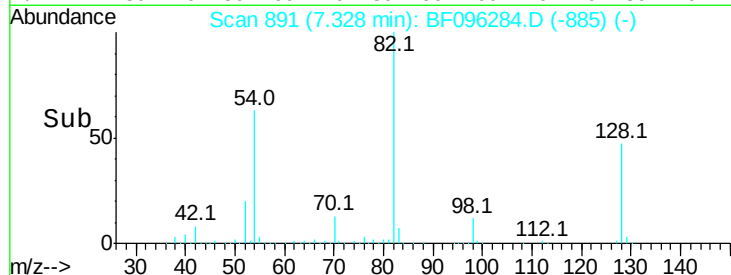
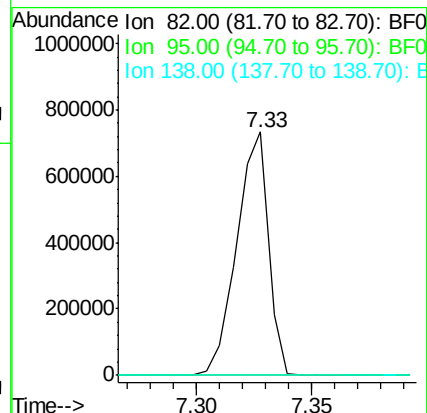
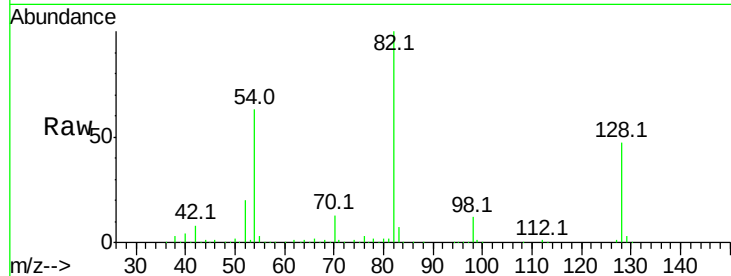
Tot Ion: 82 Resp: 702193

Ion Ratio Lower Upper

82 100

95 0.1 5.3 7.9#

138 0.0 13.1 19.7#



#32

Benzoic acid

Concen: 9.82 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.15 min

Lab File: BF096284.D

Acq: 29 Jun 2017 11:46

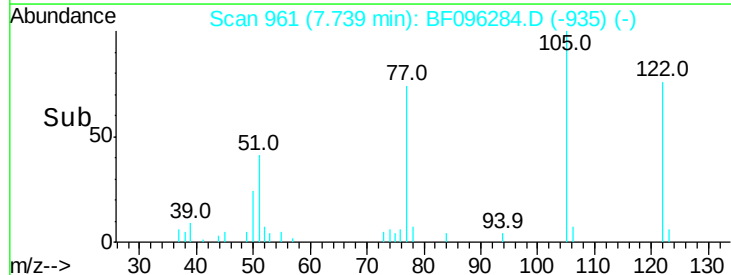
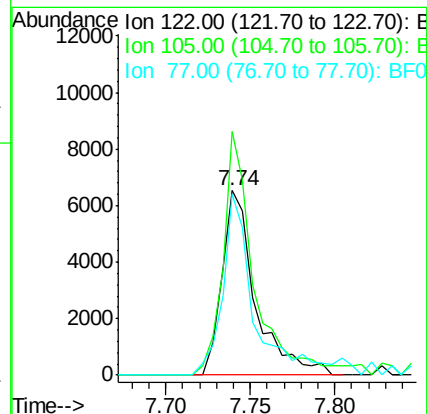
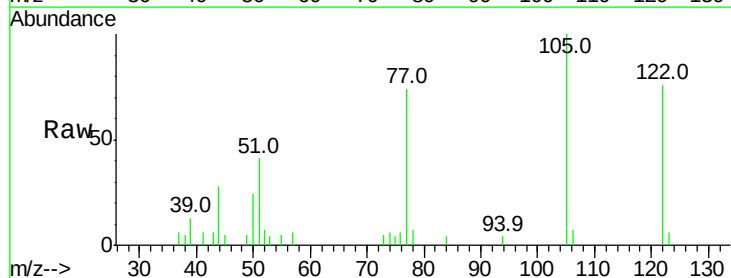
Tgt Ion:122 Resp: 9028

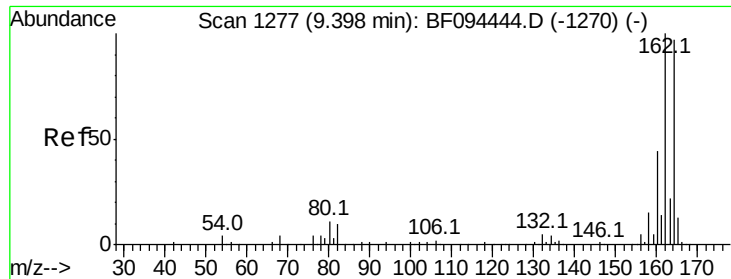
Ion Ratio Lower Upper

122 100

105 132.1 103.3 143.3

77 98.0 73.7 113.7





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF096284.D

Acq: 29 Jun 2017 11:46

Instrument :

BNA_F

ClientSampleId :

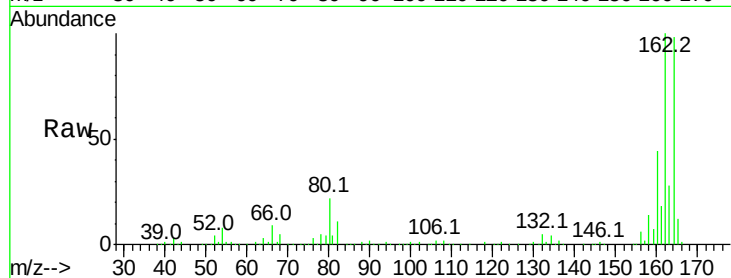
Tot Ion:164 Resp: 288147

Ion Ratio Lower Upper

164 100

162 101.8 82.6 123.8

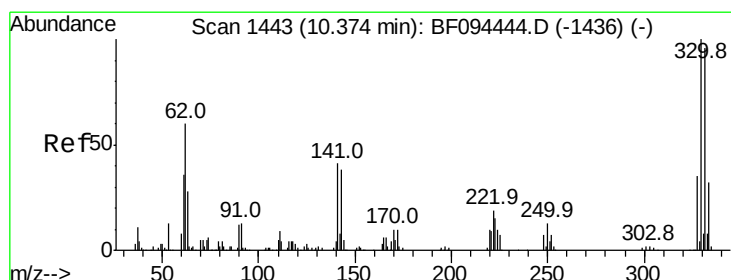
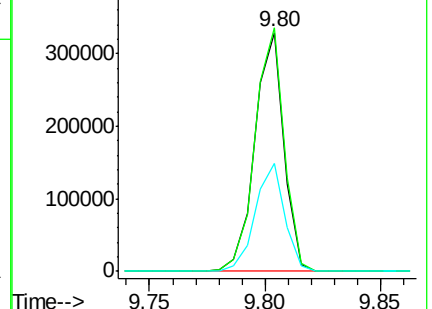
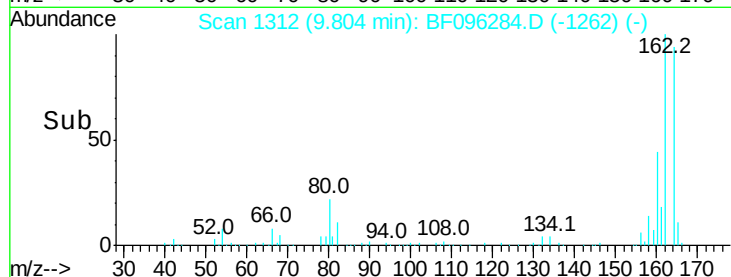
160 44.9 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 106.80 ng

RT: 10.59 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BF096284.D

Acq: 29 Jun 2017 11:46

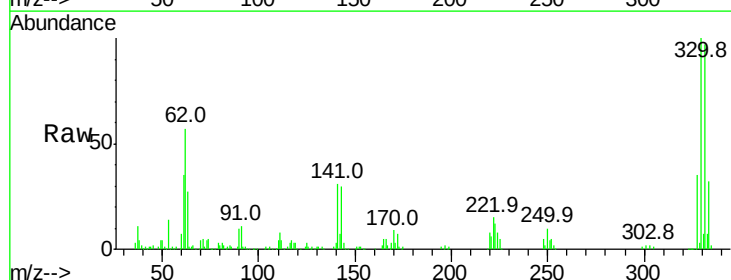
Tgt Ion:330 Resp: 242178

Ion Ratio Lower Upper

330 100

332 96.3 76.6 115.0

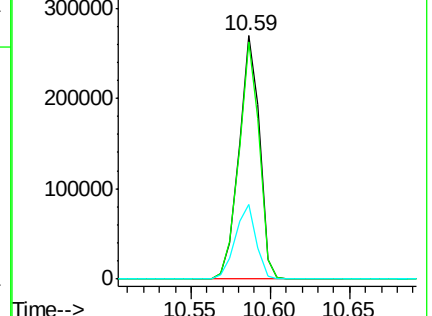
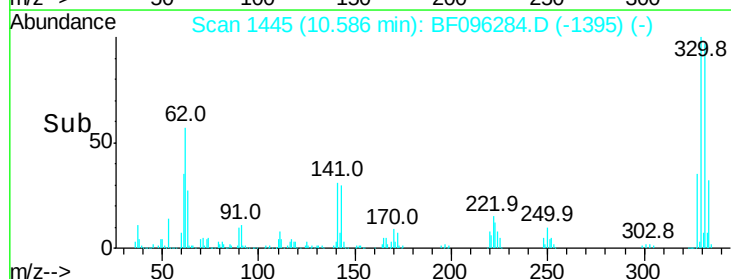
141 31.2 31.4 47.2#

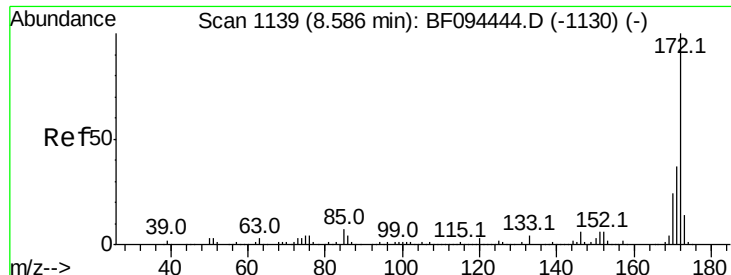


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



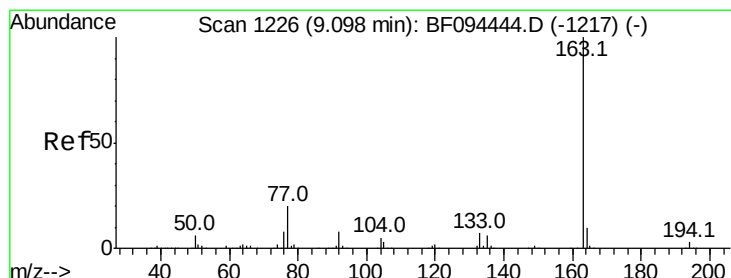
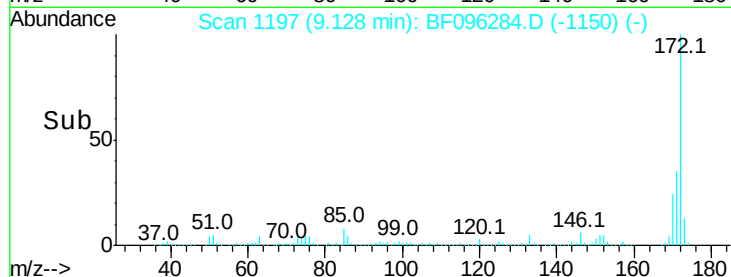
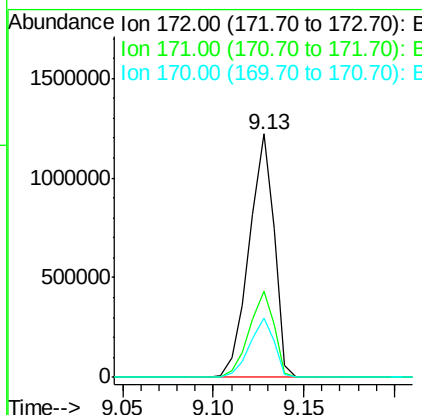
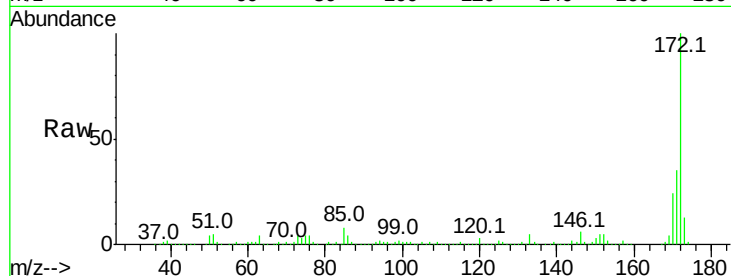


#44
2-Fluorobiphenyl
Concen: 74.47 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.02 min
Lab File: BF096284.D
Acq: 29 Jun 2017 11:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1171662

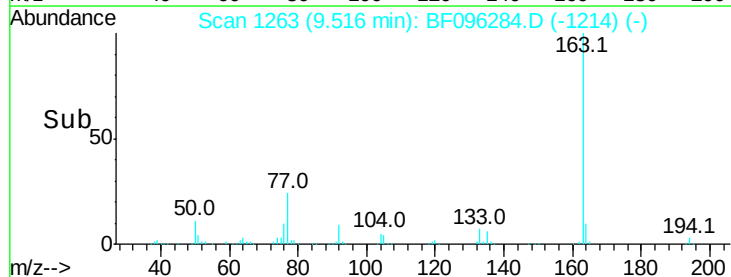
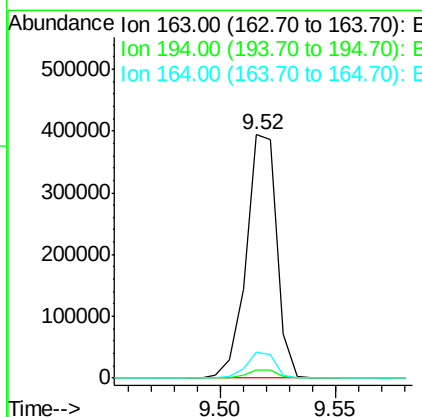
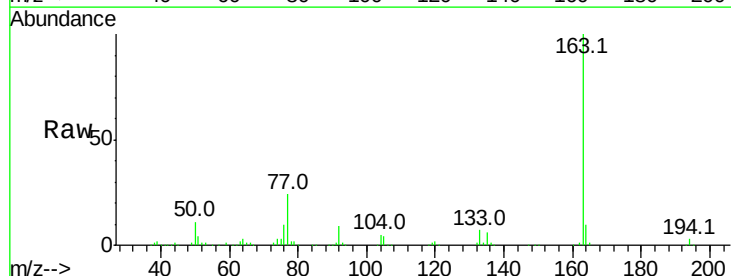
Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.6	44.4
170	24.3	19.8	29.8

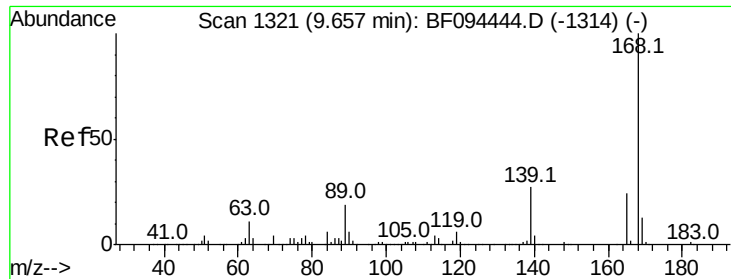


#49
Dimethylphthalate
Concen: 17.66 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF096284.D
Acq: 29 Jun 2017 11:46

Tgt Ion:163 Resp: 364207

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	10.5	8.4	12.6

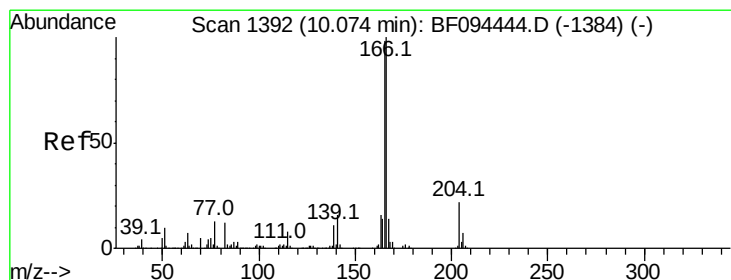
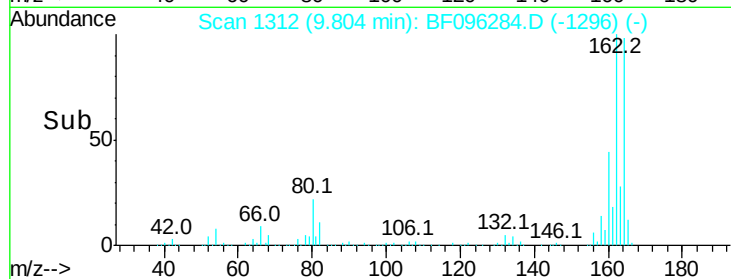
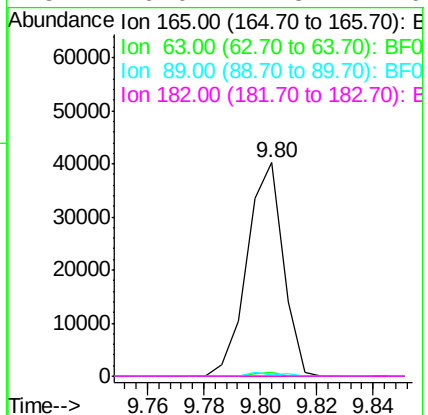
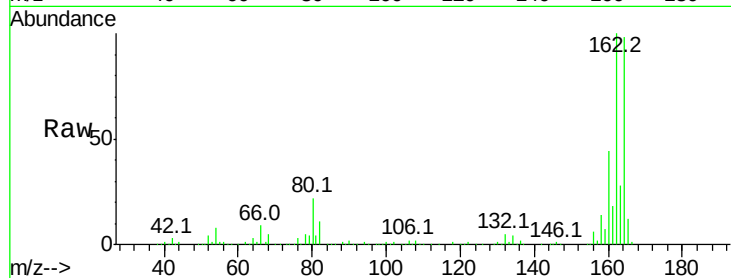




#56
 2,4-Dinitrotoluene
 Concen: 6.59 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.21 min
 Lab File: BF096284.D
 Acq: 29 Jun 2017 11:46

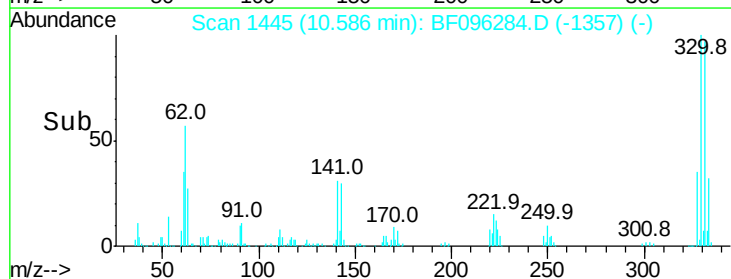
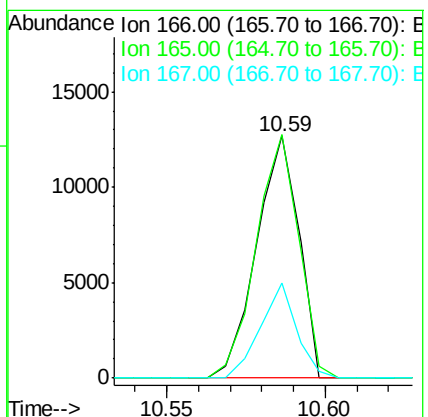
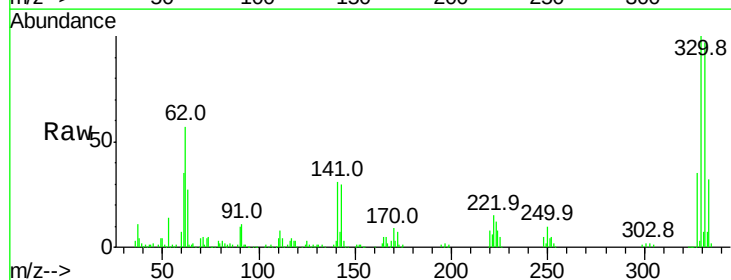
Instrument :
 BNA_F
 ClientSampleId :

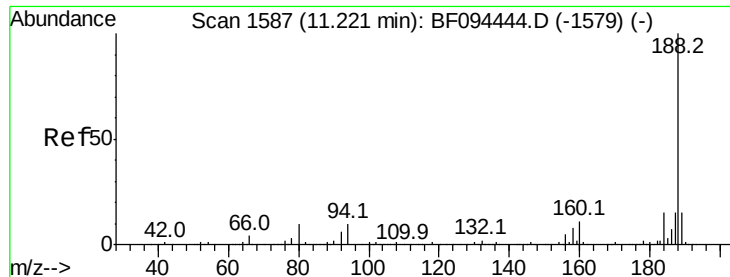
Tot Ion:	165	Resp:	35649
Ion Ratio	Lower	Upper	
165	100		
63	1.9	25.4	38.0#
89	0.9	46.4	69.6#
182	0.0	1.8	2.6#



#57
 Fluorene
 Concen: Below Cal
 RT: 10.59 min Scan# 1445
 Delta R.T. 0.22 min
 Lab File: BF096284.D
 Acq: 29 Jun 2017 11:46

Tgt Ion:	166	Resp:	11713
Ion Ratio	Lower	Upper	
166	100		
165	100.7	78.8	118.2
167	39.4	10.6	16.0#

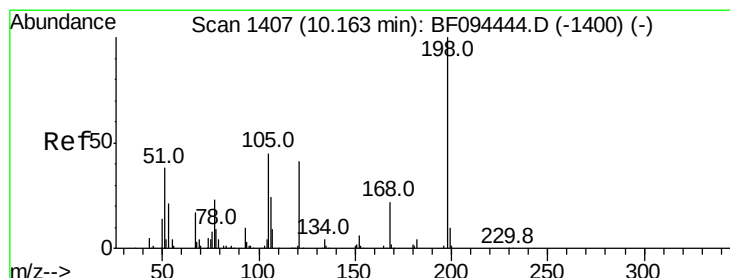
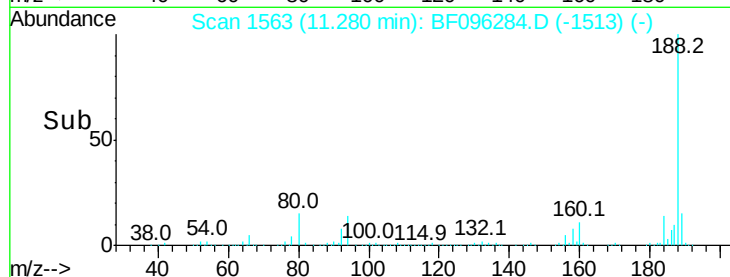
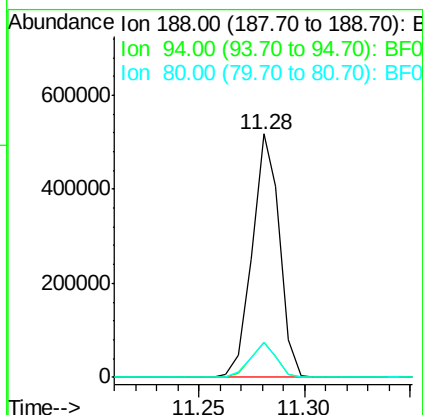
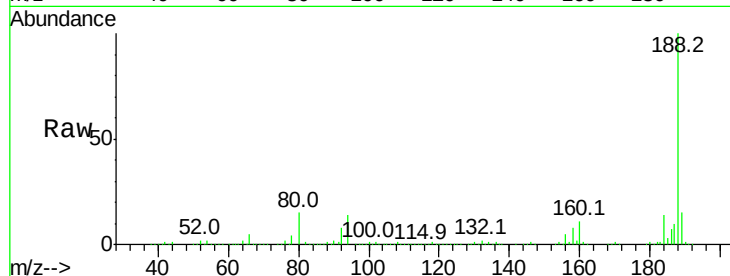




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF096284.D
Acq: 29 Jun 2017 11:46

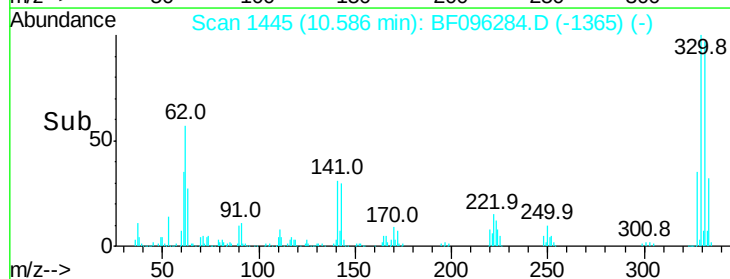
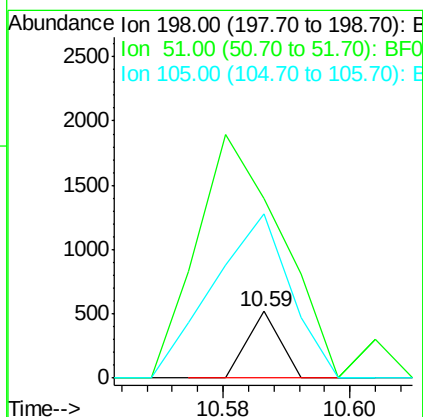
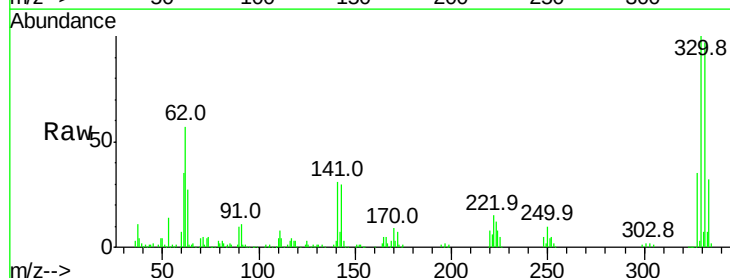
Instrument :
BNA_F
ClientSampleId :

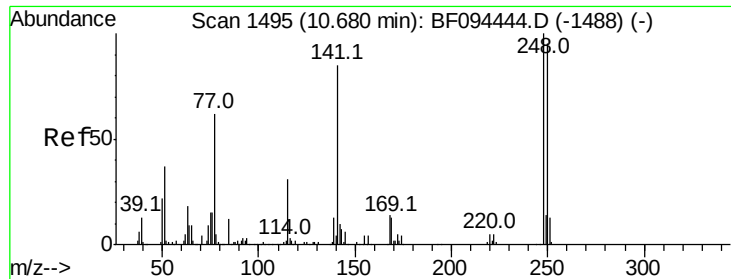
Tot Ion:188 Resp: 464675
Ion Ratio Lower Upper
188 100
94 14.2 9.4 14.2#
80 14.6 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 8.81 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.17 min
Lab File: BF096284.D
Acq: 29 Jun 2017 11:46

Tgt Ion:198 Resp: 182
Ion Ratio Lower Upper
198 100
51 271.2 53.2 93.2#
105 247.2 45.8 85.8#

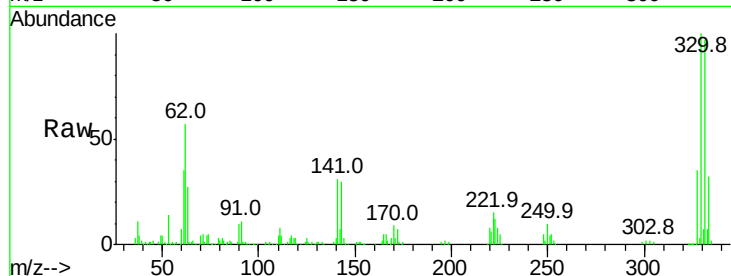




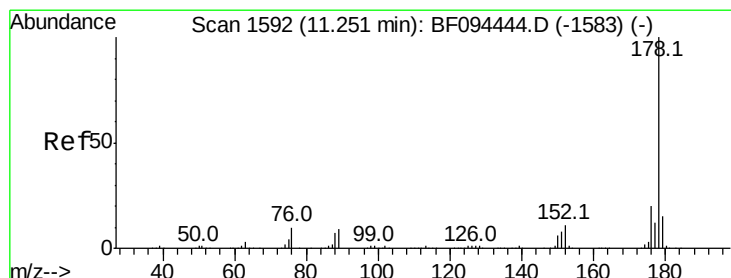
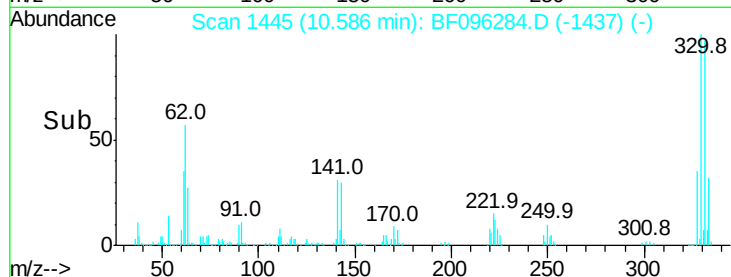
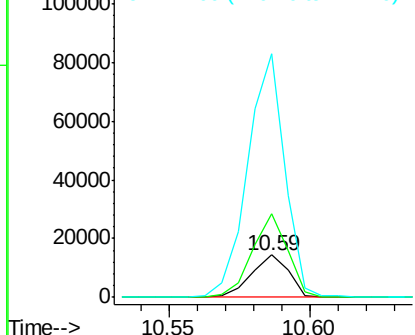
#66
4-Bromophenyl-phenylether
Concen: 2.75 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.25 min
Lab File: BF096284.D
Acq: 29 Jun 2017 11:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 13163
Ion Ratio Lower Upper
248 100
250 195.6 76.8 115.2#
141 573.3 68.6 103.0#

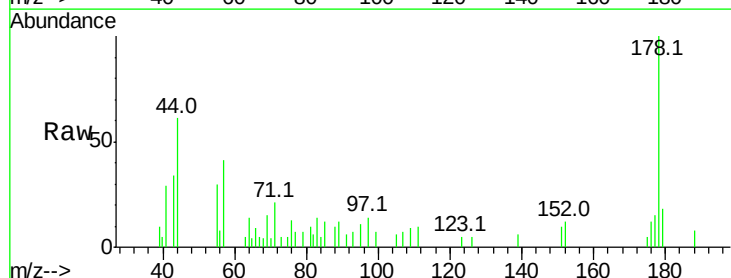


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

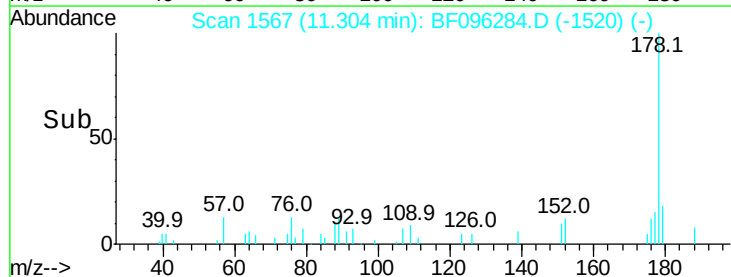
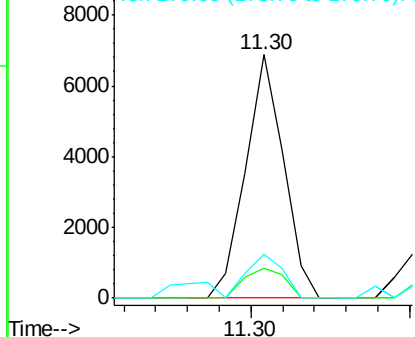


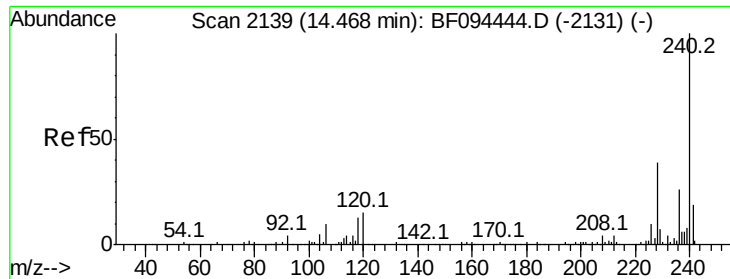
#70
Phenanthrene
Concen: Below Cal
RT: 11.30 min Scan# 1567
Delta R.T. -0.02 min
Lab File: BF096284.D
Acq: 29 Jun 2017 11:46

Tgt Ion:178 Resp: 5727
Ion Ratio Lower Upper
178 100
176 12.3 16.2 24.4#
179 17.9 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

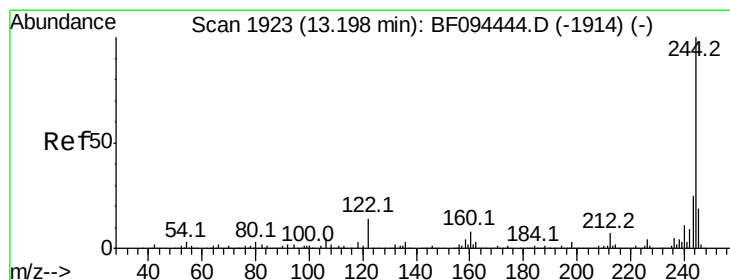
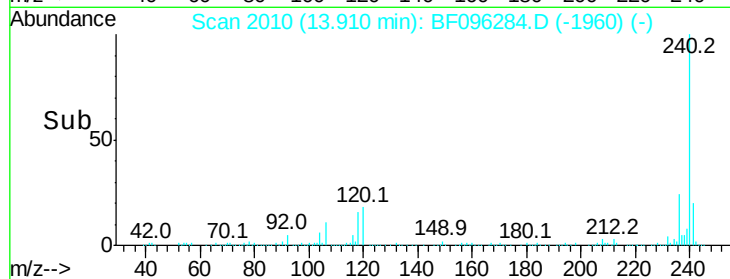
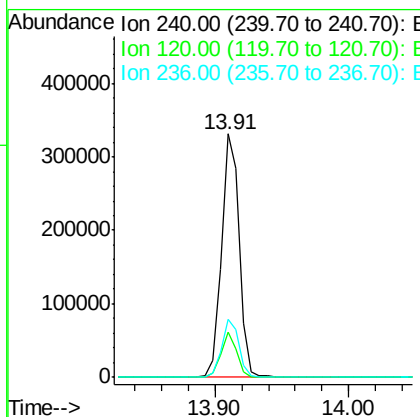
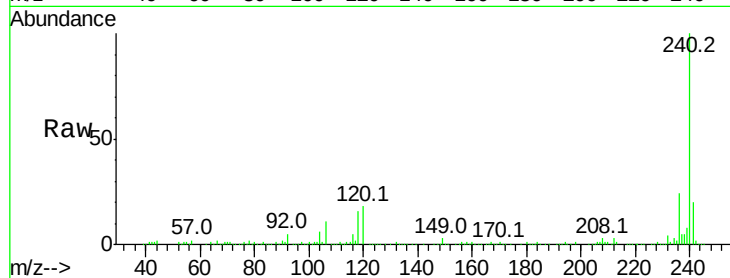




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. -0.01 min
 Lab File: BF096284.D
 Acq: 29 Jun 2017 11:46

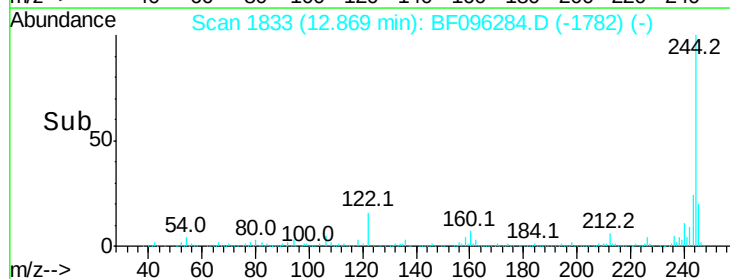
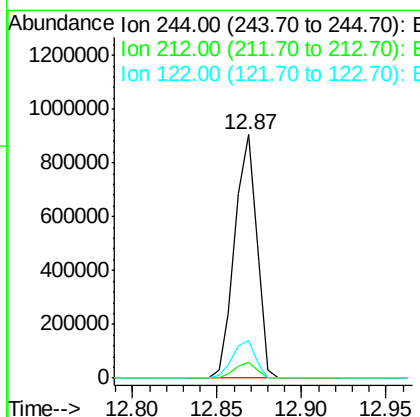
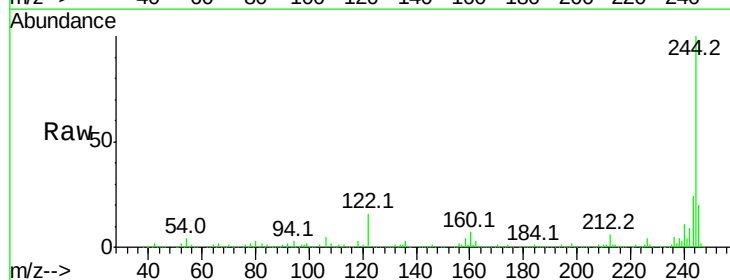
Instrument :
 BNA_F
 ClientSampled :

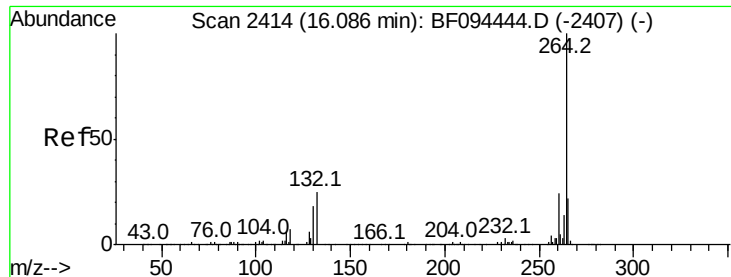
Tot Ion:240 Resp: 308941
 Ion Ratio Lower Upper
 240 100
 120 18.4 5.8 8.8#
 236 23.6 20.5 30.7



#78
 Terphenyl-d14
 Concen: 66.82 ng
 RT: 12.87 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: BF096284.D
 Acq: 29 Jun 2017 11:46

Tgt Ion:244 Resp: 827281
 Ion Ratio Lower Upper
 244 100
 212 6.5 6.0 9.0
 122 15.6 10.3 15.5#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 2252
Delta R.T. -0.01 min
Lab File: BF096284.D
Acq: 29 Jun 2017 11:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.5	29.3
265	20.0	17.2	25.8

