

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062217\
 Data File : BF096141.D
 Acq On : 23 Jun 2017 2:41
 Operator : SJ/MA
 Sample : I3810-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 23 03:58:10 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 16:05:47 2017
 Response via : Initial Calibration

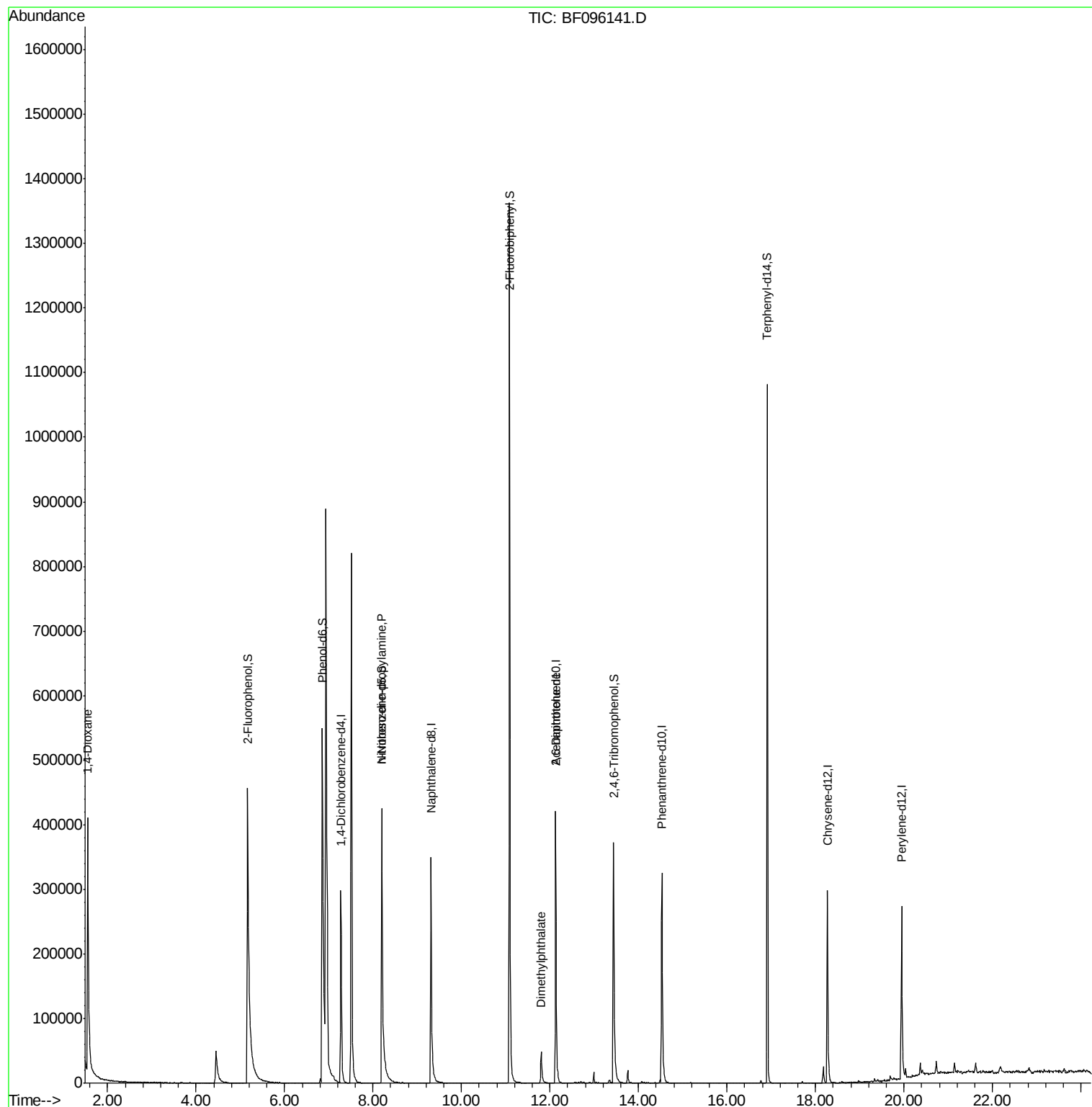
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	78699	20.00	ng	-0.02
21) Naphthalene-d8	9.31	136	312908	20.00	ng	-0.02
38) Acenaphthene-d10	12.13	164	136452	20.00	ng	-0.02
63) Phenanthrene-d10	14.53	188	223389	20.00	ng	-0.01
75) Chrysene-d12	18.27	240	169960	20.00	ng	0.00
86) Perylene-d12	19.94	264	156651	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	438141	88.71	ng	-0.02
7) Phenol-d6	6.85	99	557463	94.28	ng	-0.02
23) Nitrobenzene-d5	8.20	82	312863	62.10	ng	-0.02
41) 2,4,6-Tribromophenol	13.43	330	89483	74.12	ng	-0.02
44) 2-Fluorobiphenyl	11.09	172	638406	65.11	ng	-0.02
78) Terphenyl-d14	16.91	244	430069	62.80	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	1.55	88	17829	7.59	ng	# 21
19) n-Nitroso-di-n-propylamine	8.20	70	36499	9.74	ng	# 75
49) Dimethylphthalate	11.80	163	51191	4.94	ng	98
50) 2,6-Dinitrotoluene	12.13	165	17201	7.61	ng	# 31

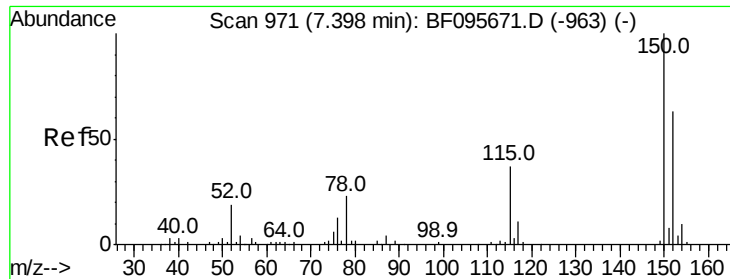
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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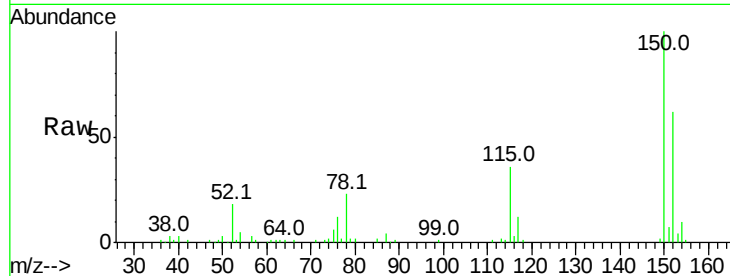


#1

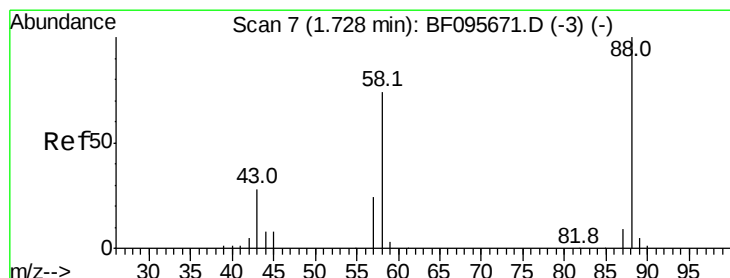
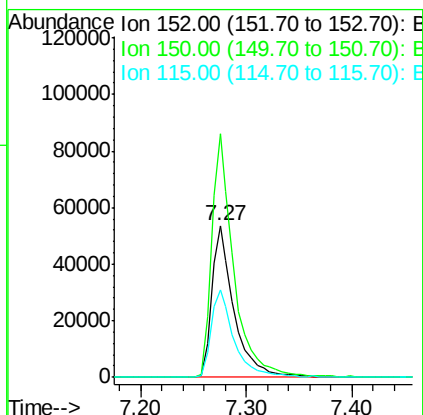
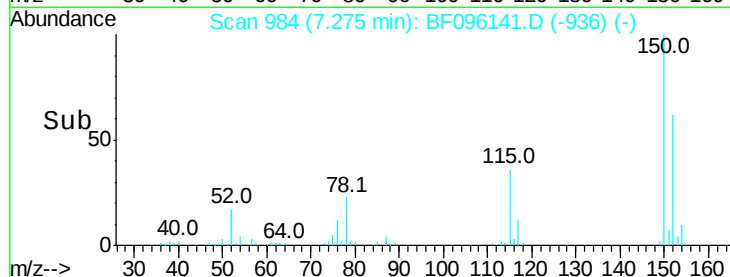
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.27 min Scan# 984
Delta R.T. -0.02 min
Lab File: BF096141.D
Acq: 23 Jun 2017 2:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.2	126.2	189.2
115	57.9	52.2	78.2



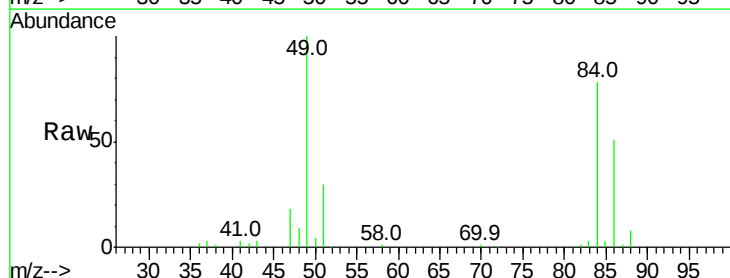
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



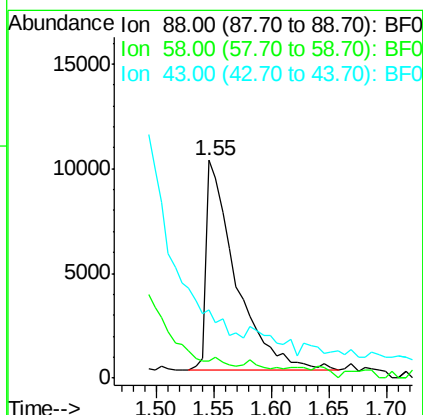
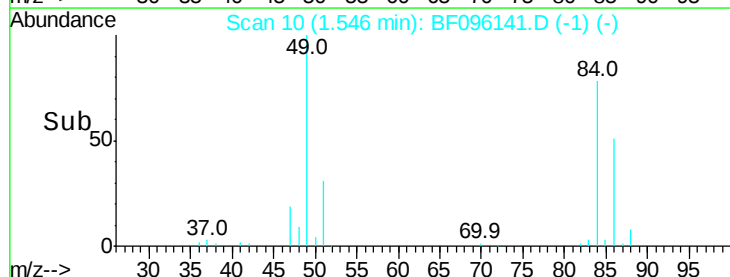
#2

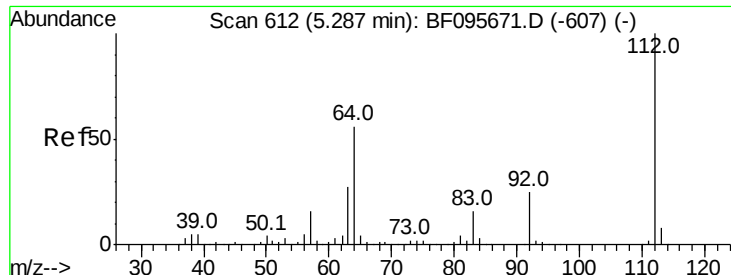
1,4-Dioxane
Concen: 7.59 ng
RT: 1.55 min Scan# 10
Delta R.T. -0.06 min
Lab File: BF096141.D
Acq: 23 Jun 2017 2:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	61.4	92.0#
43	0.0	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

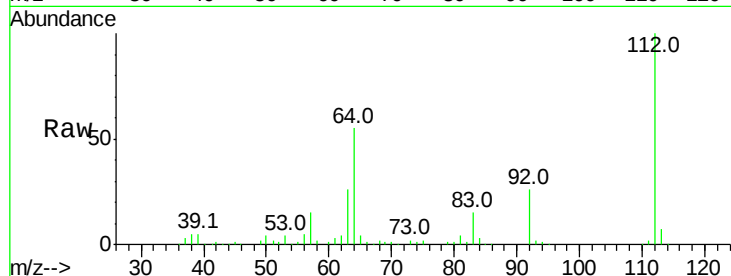




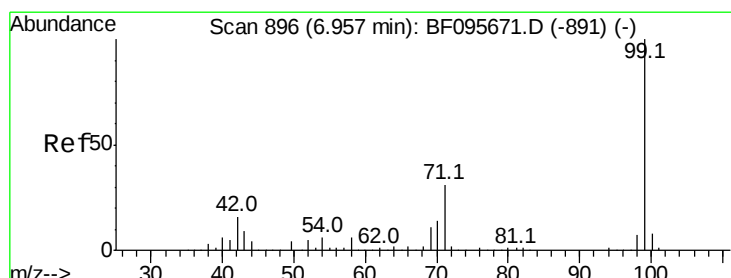
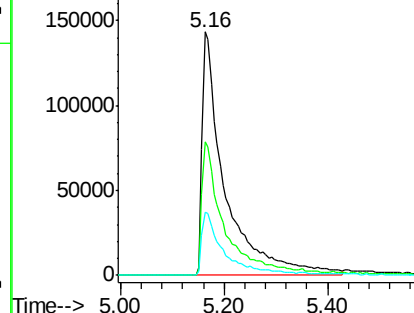
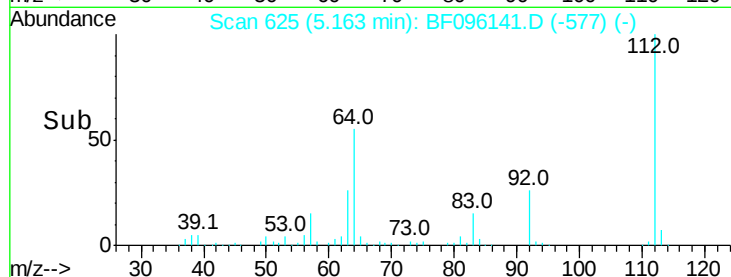
#5
2-Fluorophenol
Concen: 88.71 ng
RT: 5.16 min Scan# 625
Delta R.T. -0.02 min
Lab File: BF096141.D
Acq: 23 Jun 2017 2:41

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
112	100		
64	55.0	46.0	69.0
63	25.9	23.4	35.0

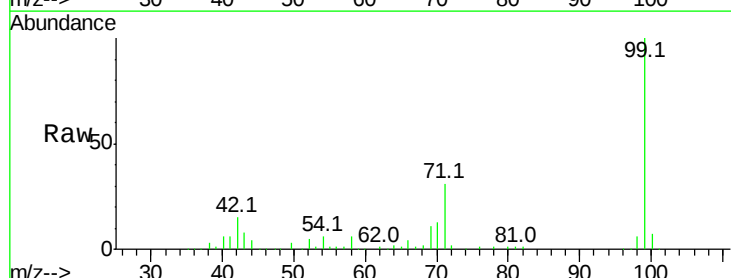


Abundance Ion 112.00 (111.70 to 112.70): BF0
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0

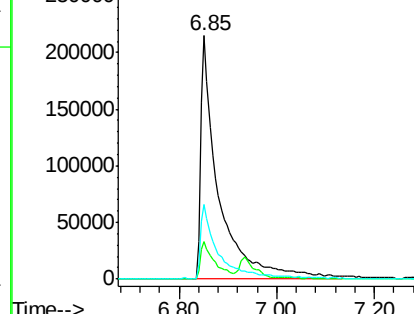
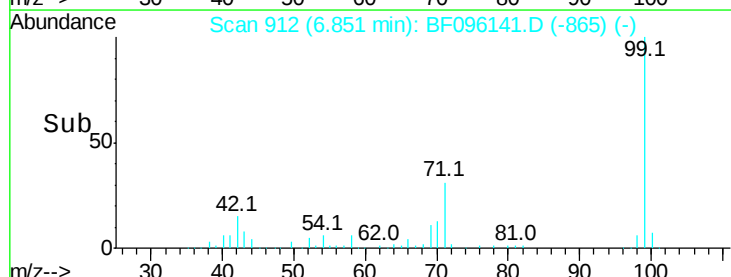


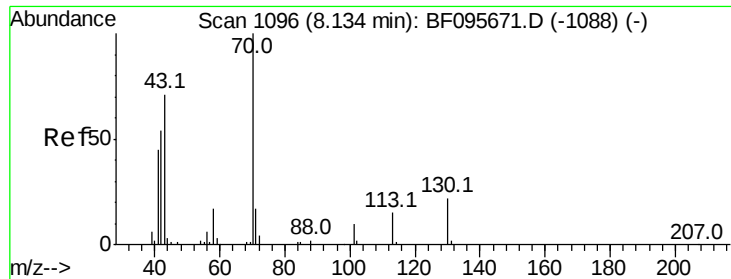
#7
Phenol-d6
Concen: 94.28 ng
RT: 6.85 min Scan# 912
Delta R.T. -0.02 min
Lab File: BF096141.D
Acq: 23 Jun 2017 2:41

Tgt Ion	Ratio	Lower	Upper
99	100		
42	15.4	13.5	20.3
71	30.7	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

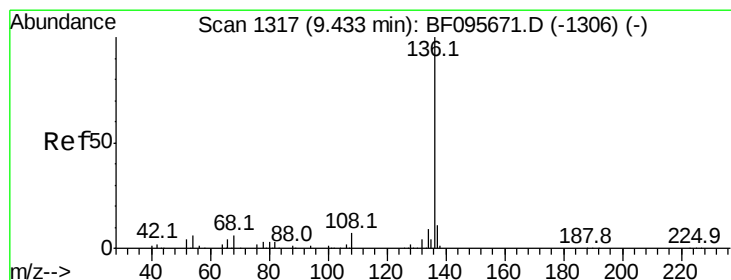
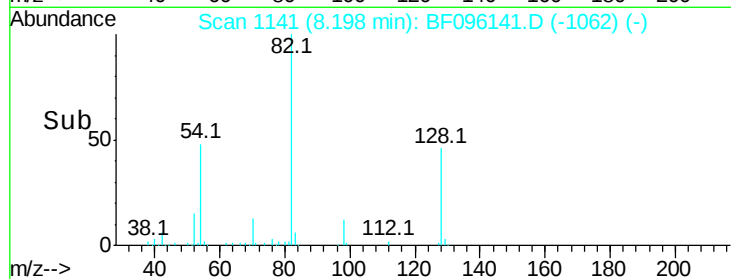
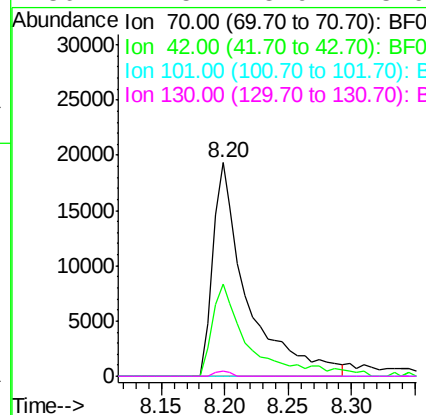
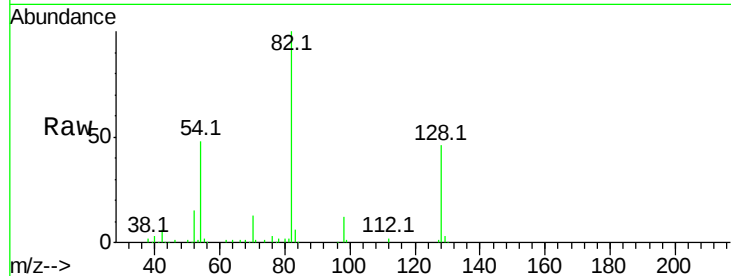




#19
n-Nitroso-di-n-propylamine
Concen: 9.74 ng
RT: 8.20 min Scan# 1141
Delta R.T. 0.16 min
Lab File: BF096141.D
Acq: 23 Jun 2017 2:41

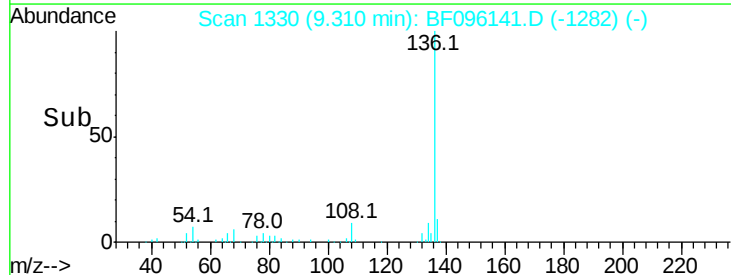
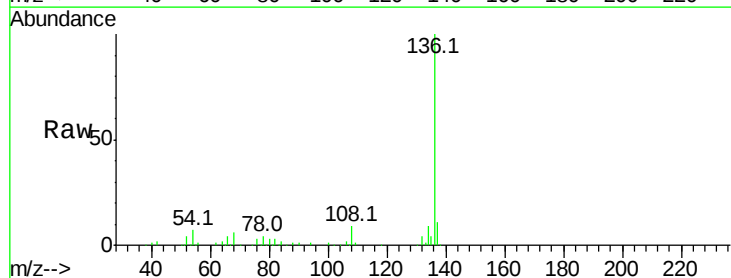
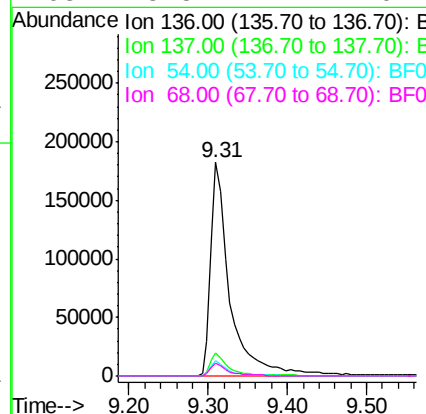
Instrument :
BNA_F
ClientSampleId :

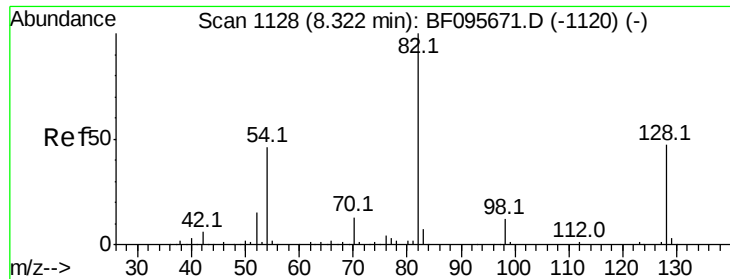
Tot Ion: 70 Resp: 36499
Ion Ratio Lower Upper
70 100
42 43.4 47.2 70.8#
101 0.0 7.2 10.8#
130 2.5 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.31 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BF096141.D
Acq: 23 Jun 2017 2:41

Tgt Ion: 136 Resp: 312908
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 7.3 4.9 7.3
68 5.8 4.1 6.1

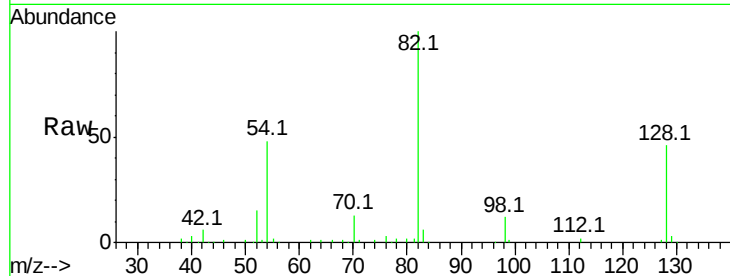




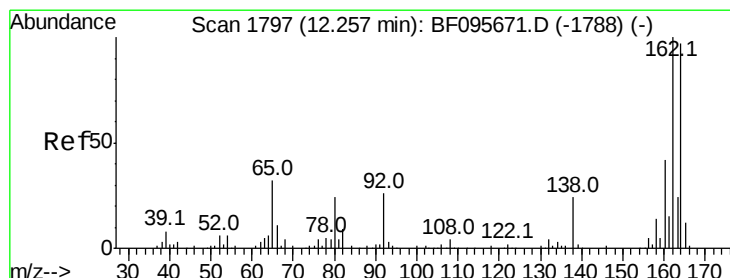
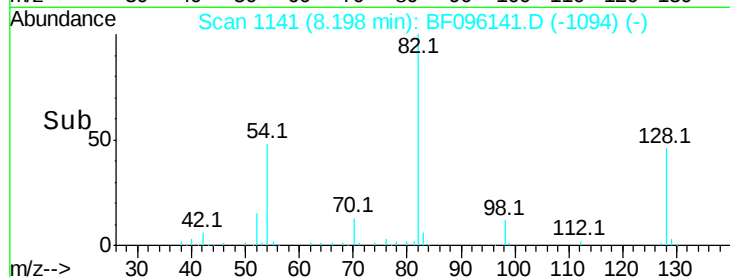
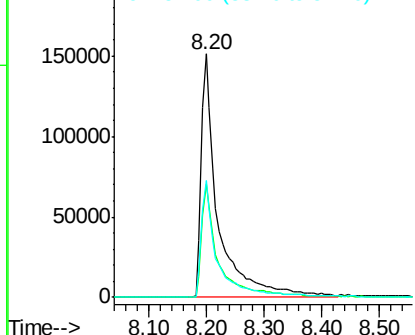
#23
Nitrobenzene-d5
Concen: 62.10 ng
RT: 8.20 min Scan# 1141
Delta R.T. -0.02 min
Lab File: BF096141.D
Acq: 23 Jun 2017 2:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 312863
Ion Ratio Lower Upper
82 100
128 46.3 34.0 51.0
54 48.3 42.2 63.2

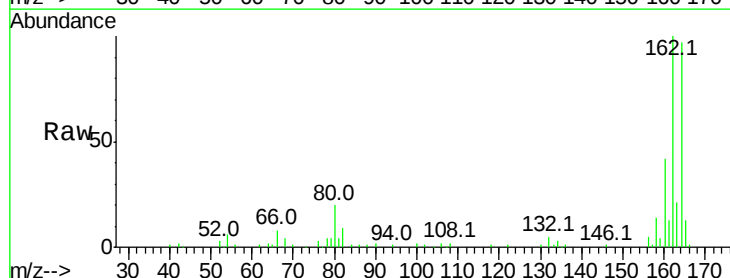


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

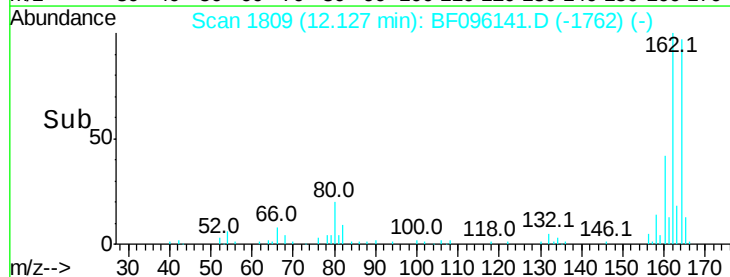
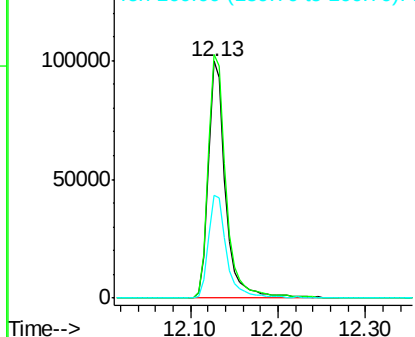


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.13 min Scan# 1809
Delta R.T. -0.02 min
Lab File: BF096141.D
Acq: 23 Jun 2017 2:41

Tgt Ion:164 Resp: 136452
Ion Ratio Lower Upper
164 100
162 102.8 82.6 123.8
160 43.3 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

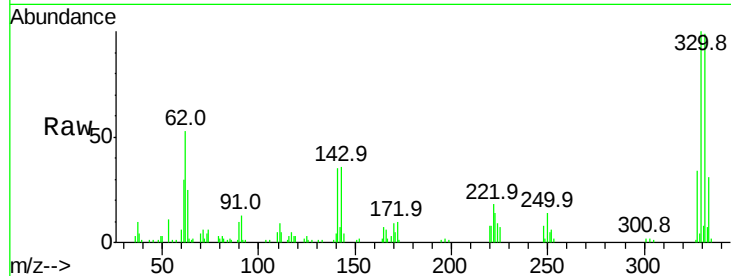




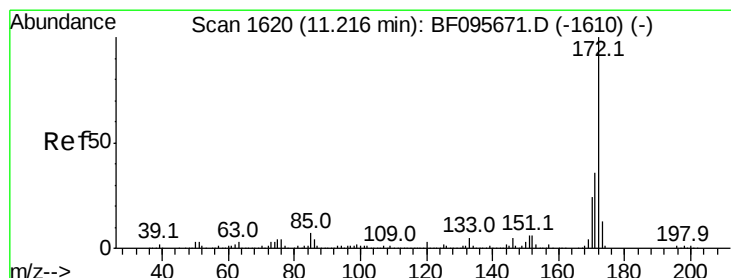
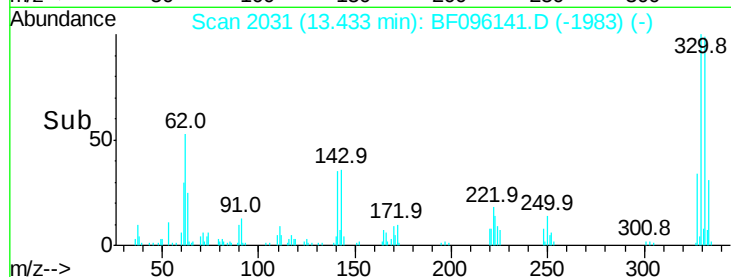
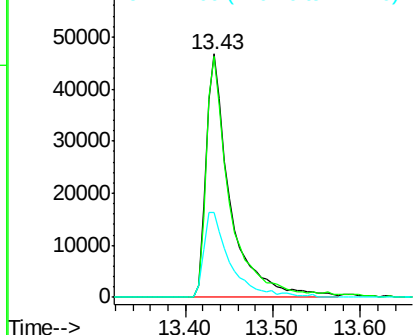
#41
 2,4,6-Tribromophenol
 Concen: 74.12 ng
 RT: 13.43 min Scan# 2031
 Delta R.T. -0.02 min
 Lab File: BF096141.D
 Acq: 23 Jun 2017 2:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 89483
 Ion Ratio Lower Upper
 330 100
 332 97.8 76.6 115.0
 141 38.3 31.4 47.2

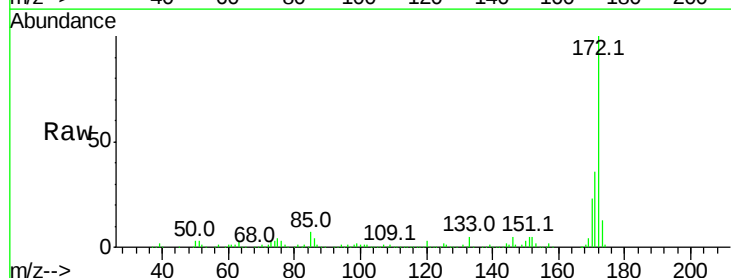


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

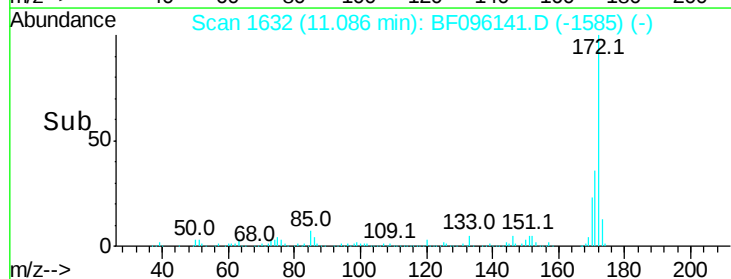
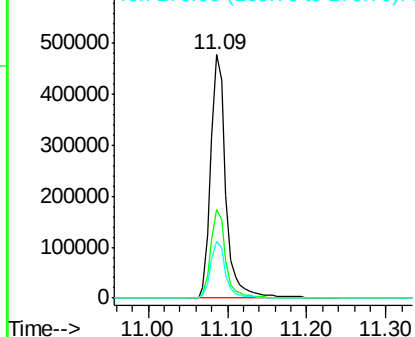


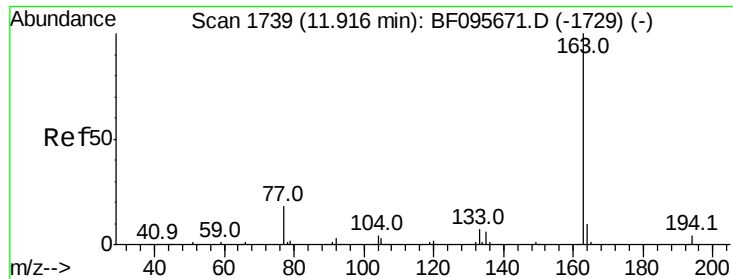
#44
 2-Fluorobiphenyl
 Concen: 65.11 ng
 RT: 11.09 min Scan# 1632
 Delta R.T. -0.02 min
 Lab File: BF096141.D
 Acq: 23 Jun 2017 2:41

Tgt Ion:172 Resp: 638406
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 23.2 19.8 29.8



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





#49

Dimethylphthalate

Concen: 4.94 ng

RT: 11.80 min Scan# 1753

Delta R.T. -0.02 min

Lab File: BF096141.D

Acq: 23 Jun 2017 2:41

Instrument :

BNA_F

ClientSampleId :

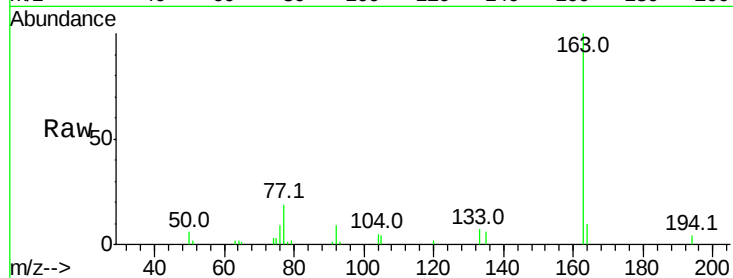
Tot Ion:163 Resp: 51191

Ion Ratio Lower Upper

163 100

194 3.9 2.6 4.0

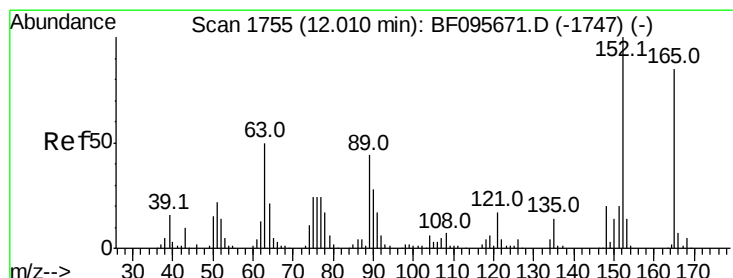
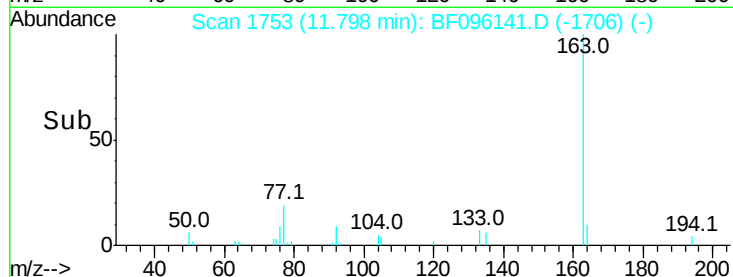
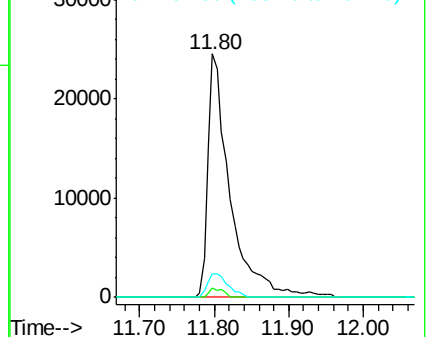
164 9.8 8.4 12.6



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: 7.61 ng

RT: 12.13 min Scan# 1809

Delta R.T. 0.21 min

Lab File: BF096141.D

Acq: 23 Jun 2017 2:41

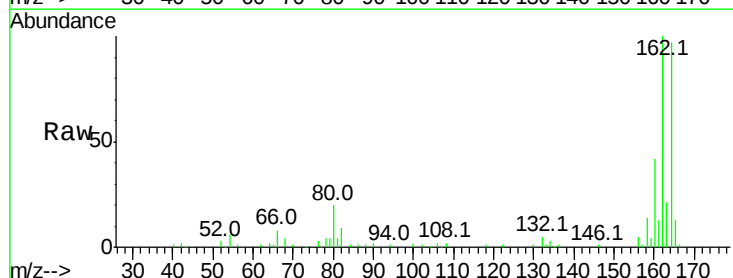
Tgt Ion:165 Resp: 17201

Ion Ratio Lower Upper

165 100

63 0.0 34.3 51.5#

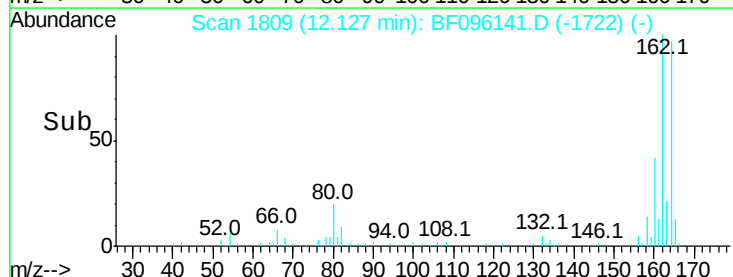
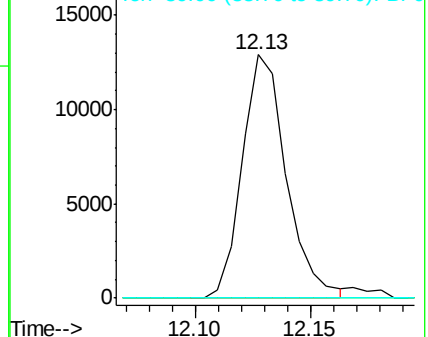
89 0.0 37.1 55.7#

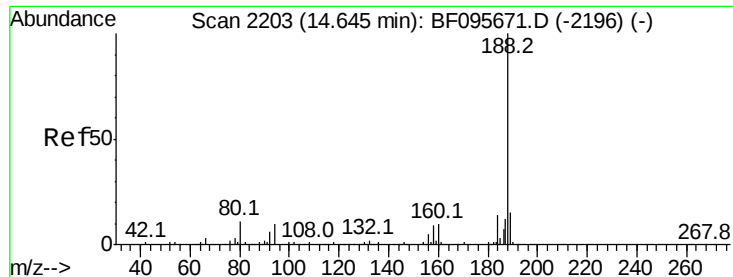


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

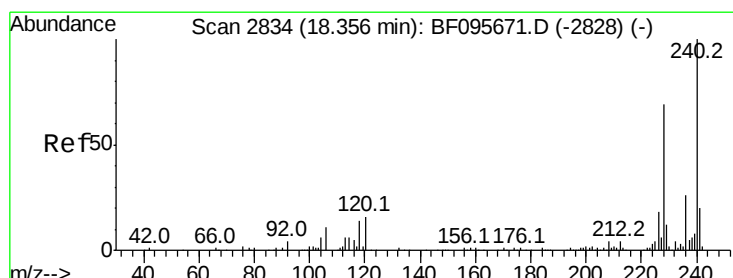
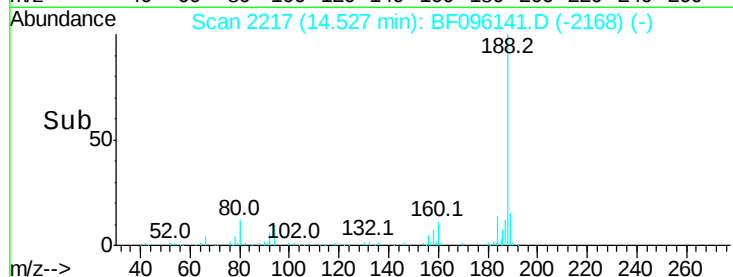
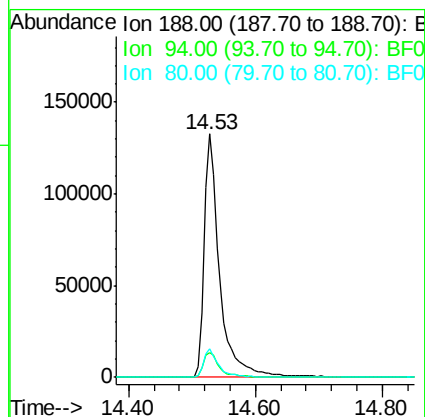
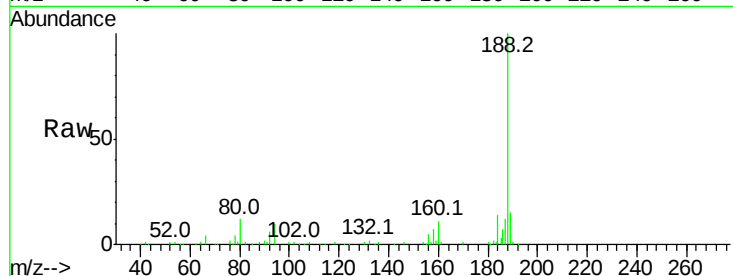




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.53 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF096141.D
Acq: 23 Jun 2017 2:41

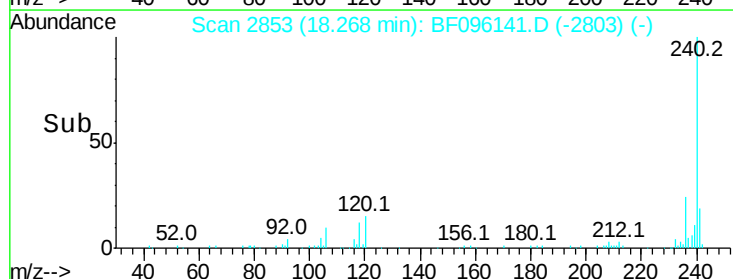
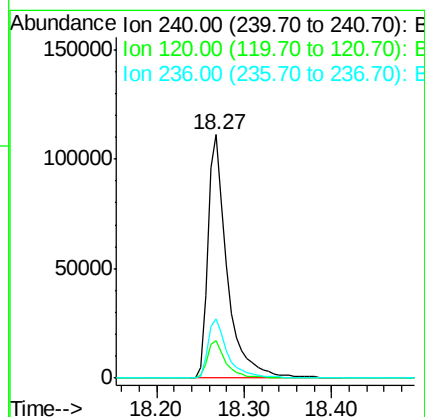
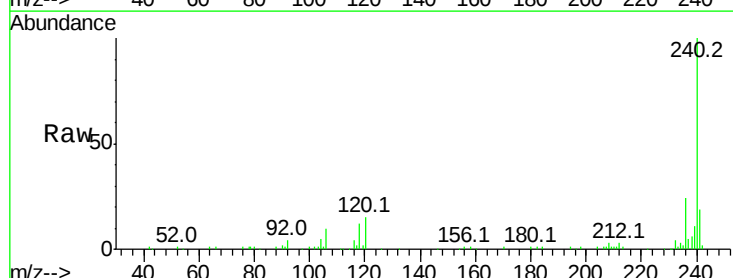
Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 223389
Ion Ratio Lower Upper
188 100
94 10.2 9.4 14.2
80 11.7 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.27 min Scan# 2853
Delta R.T. -0.01 min
Lab File: BF096141.D
Acq: 23 Jun 2017 2:41

Tgt Ion:240 Resp: 169960
Ion Ratio Lower Upper
240 100
120 15.5 5.8 8.8#
236 24.3 20.5 30.7

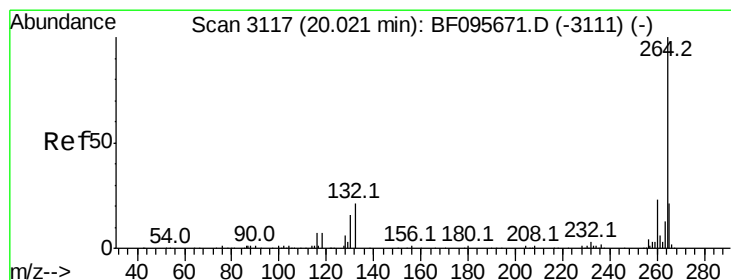
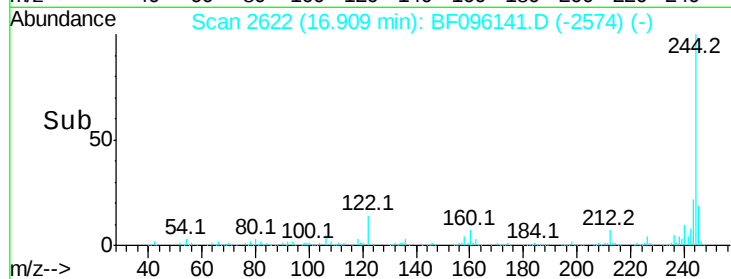
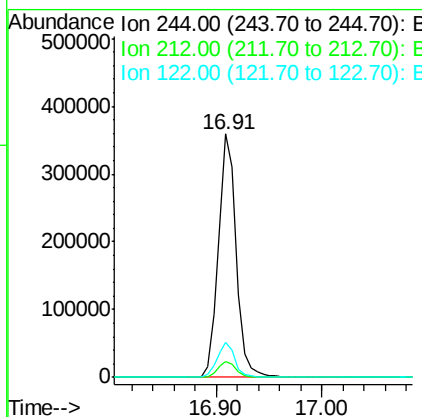
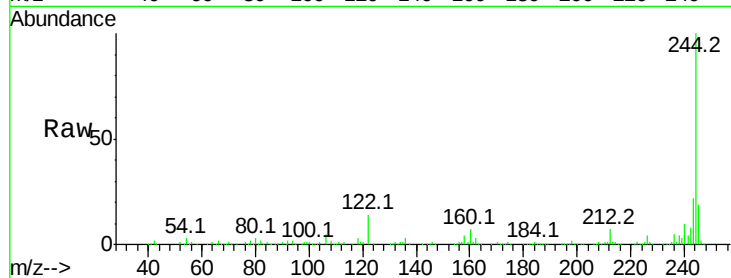




#78
 Terphenyl-d14
 Concen: 62.80 ng
 RT: 16.91 min Scan# 2622
 Delta R.T. -0.02 min
 Lab File: BF096141.D
 Acq: 23 Jun 2017 2:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 430069
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.0 9.0
 122 14.2 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.94 min Scan# 3138
 Delta R.T. 0.01 min
 Lab File: BF096141.D
 Acq: 23 Jun 2017 2:41

Tgt Ion:264 Resp: 156651
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.5 29.3
 265 22.6 17.2 25.8

