

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072017\
 Data File : BF096916.D
 Acq On : 20 Jul 2017 20:09
 Operator : SJ/JU
 Sample : I4312-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11987

Quant Time: Jul 21 07:34:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 18 13:33:22 2017
 Response via : Initial Calibration

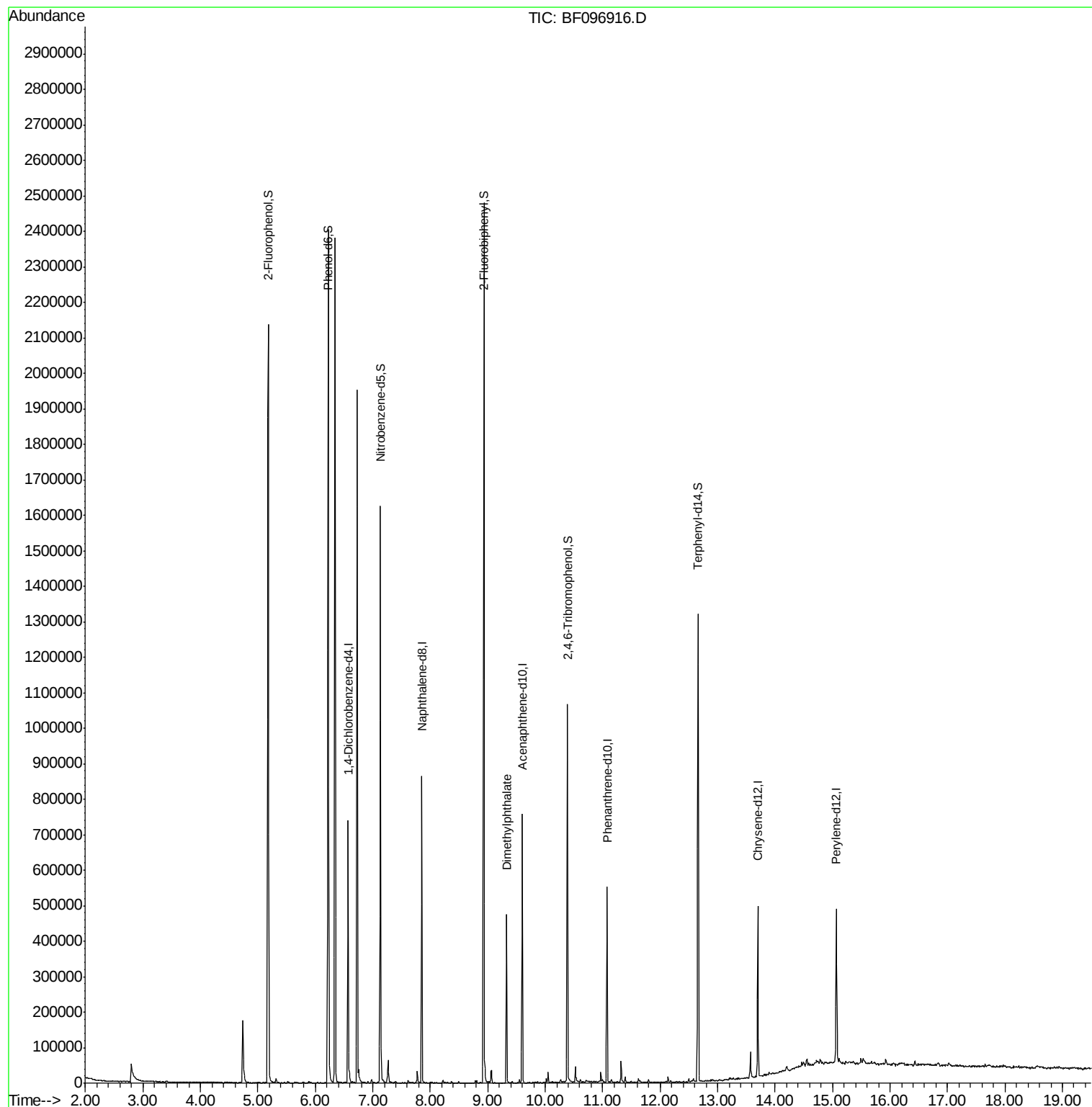
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	97281	20.00	ng	-0.03
21) Naphthalene-d8	7.85	136	361200	20.00	ng	-0.04
38) Acenaphthene-d10	9.60	164	137538	20.00	ng	-0.04
63) Phenanthrene-d10	11.07	188	186756	20.00	ng	-0.03
75) Chrysene-d12	13.70	240	161547	20.00	ng	-0.04
86) Perylene-d12	15.07	264	169350	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	620025	95.83	ng	-0.02
7) Phenol-d6	6.23	99	831311	107.07	ng	-0.02
23) Nitrobenzene-d5	7.13	82	507867	87.09	ng	-0.04
41) 2,4,6-Tribromophenol	10.39	330	121208	103.24	ng	-0.04
44) 2-Fluorobiphenyl	8.93	172	825897	94.87	ng	-0.03
78) Terphenyl-d14	12.66	244	407569	43.75	ng	-0.04
Target Compounds						Qvalue
49) Dimethylphthalate	9.33	163	177158	17.107	ng	98

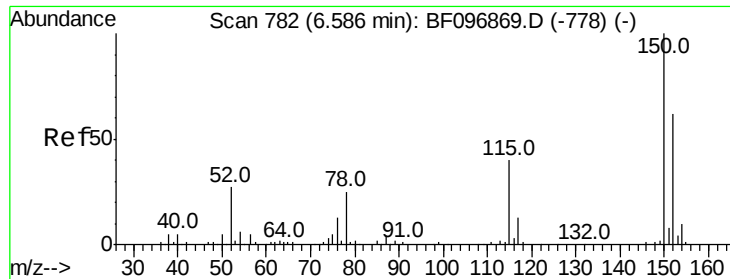
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.57 min Scan# 779

Delta R.T. -0.03 min

Lab File: BF096916.D

Acq: 20 Jul 2017 20:09

Instrument :

BNA_F

ClientSampleId :

72-11987

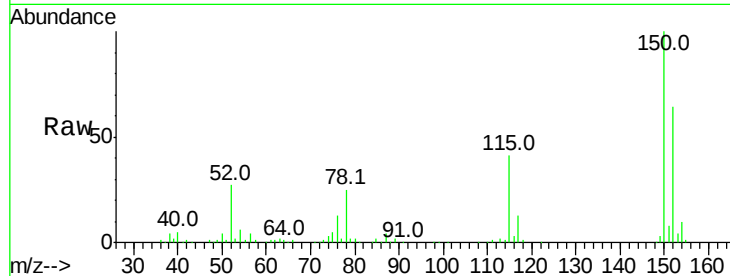
Tot Ion:152 Resp: 97281

Ion Ratio Lower Upper

152 100

150 156.4 126.2 189.2

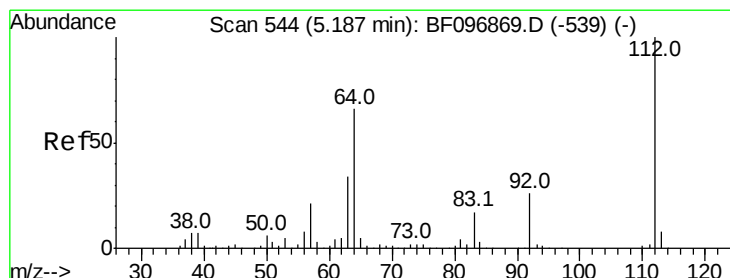
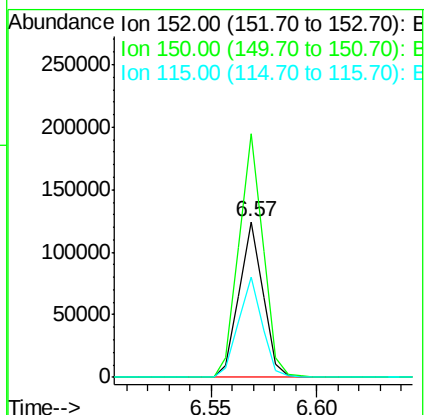
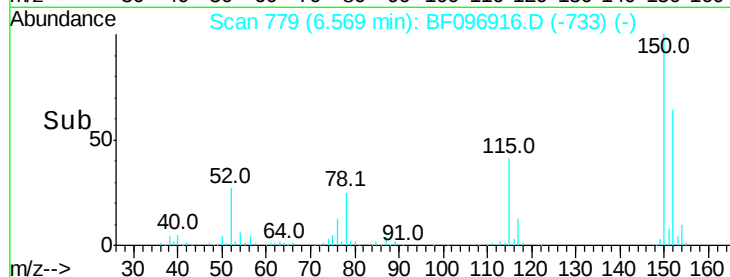
115 64.6 52.2 78.2



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: 95.832 ng

RT: 5.18 min Scan# 543

Delta R.T. -0.02 min

Lab File: BF096916.D

Acq: 20 Jul 2017 20:09

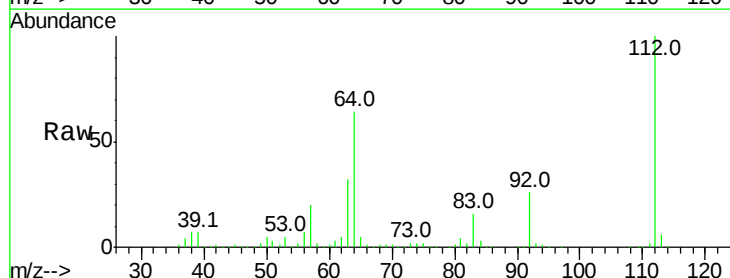
Tgt Ion:112 Resp: 620025

Ion Ratio Lower Upper

112 100

64 64.0 46.0 69.0

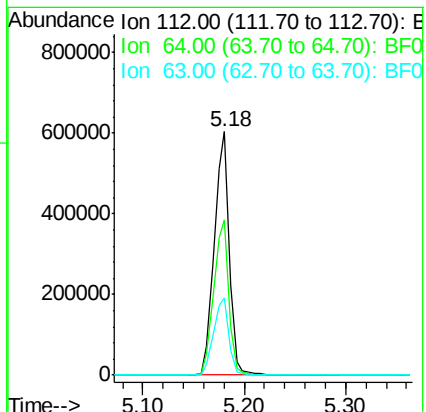
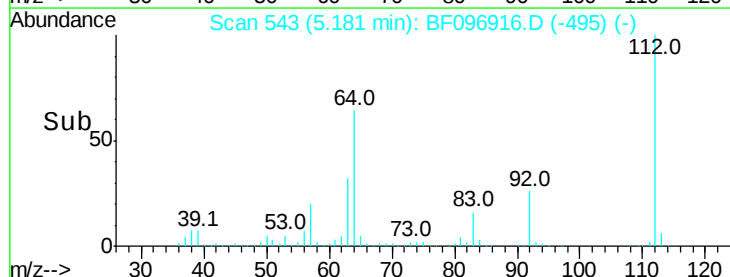
63 31.8 23.4 35.0

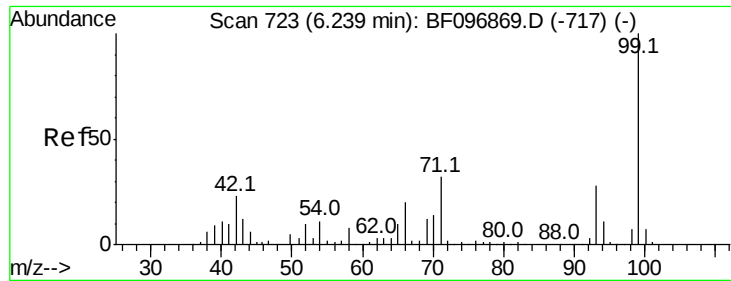


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 107.071 ng

RT: 6.23 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF096916.D

Acq: 20 Jul 2017 20:09

Instrument :

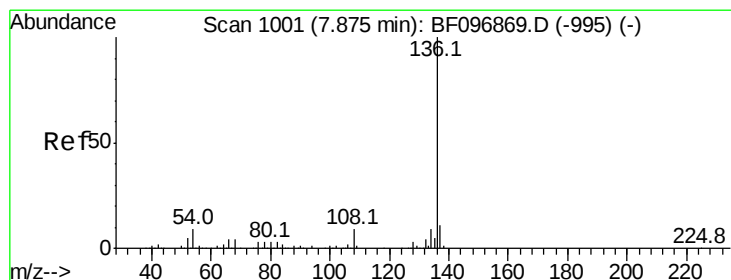
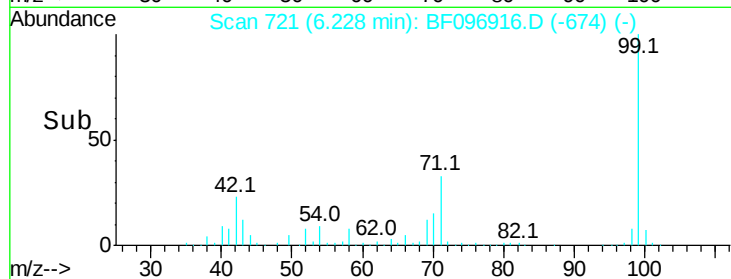
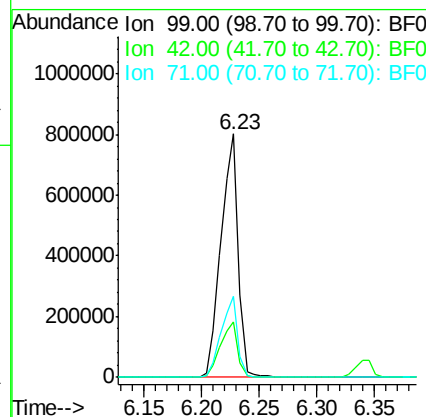
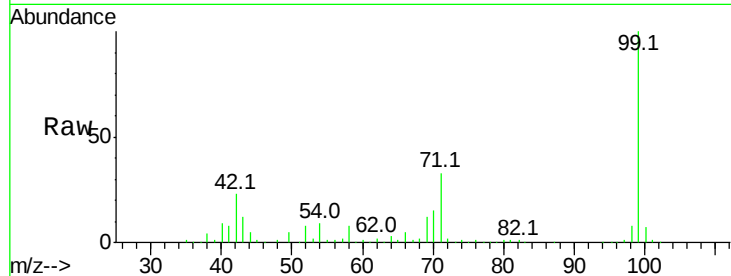
BNA_F

ClientSampleId :

72-11987

Tot Ion: 99 Resp: 831311

Ion	Ratio	Lower	Upper
99	100		
42	22.8	13.5	20.3#
71	33.1	24.5	36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.85 min Scan# 997

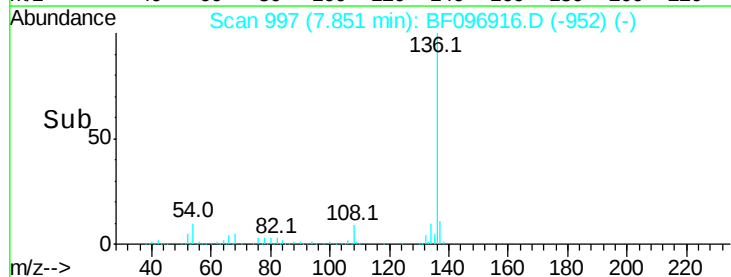
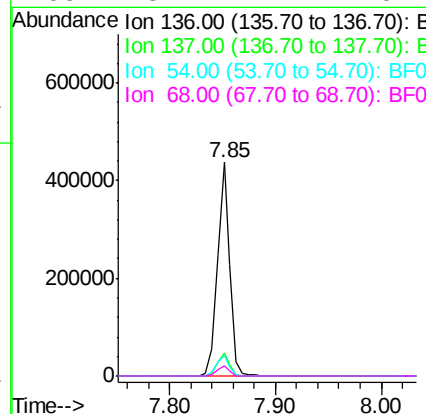
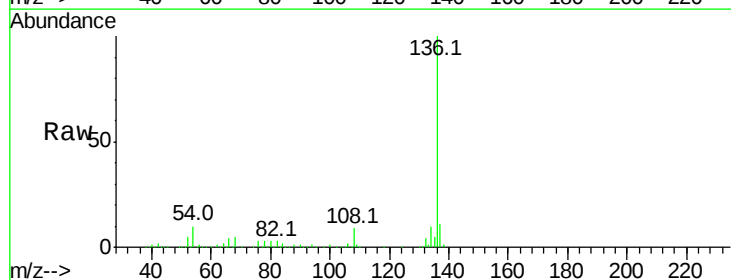
Delta R.T. -0.04 min

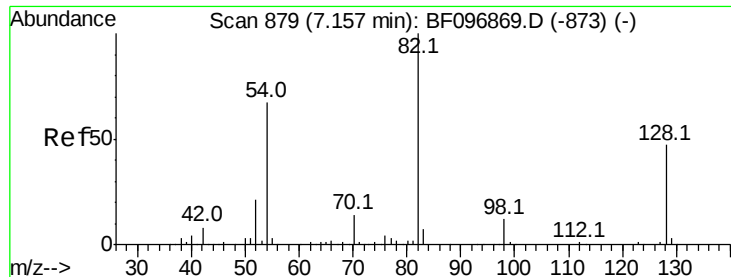
Lab File: BF096916.D

Acq: 20 Jul 2017 20:09

Tgt Ion: 136 Resp: 361200

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.5	12.7
54	9.9	4.9	7.3#
68	5.1	4.1	6.1

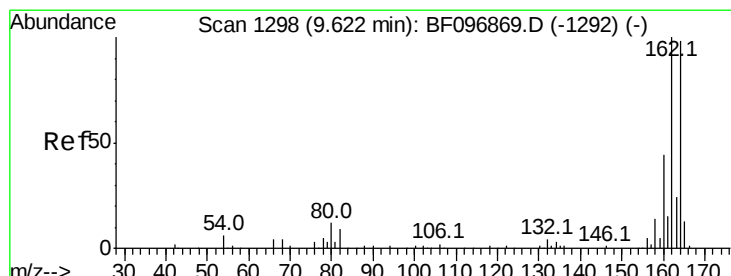
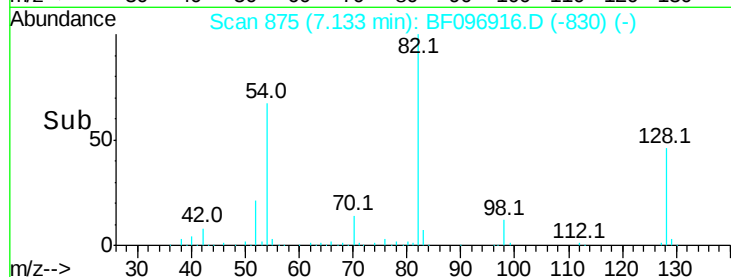
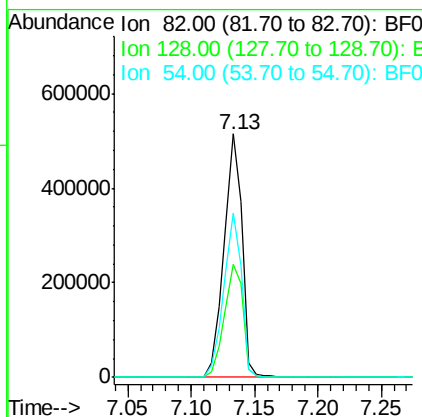
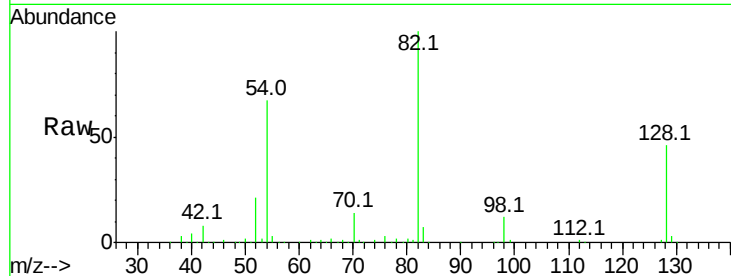




#23
Nitrobenzene-d5
Concen: 87.092 ng
RT: 7.13 min Scan# 875
Delta R.T. -0.04 min
Lab File: BF096916.D
Acq: 20 Jul 2017 20:09

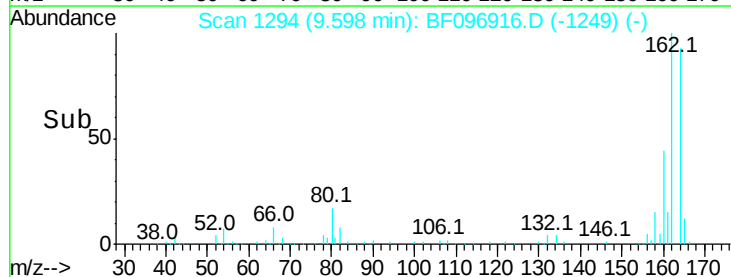
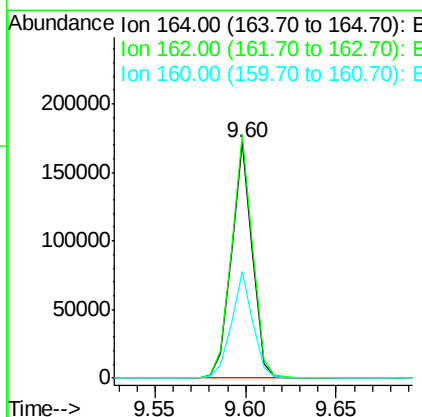
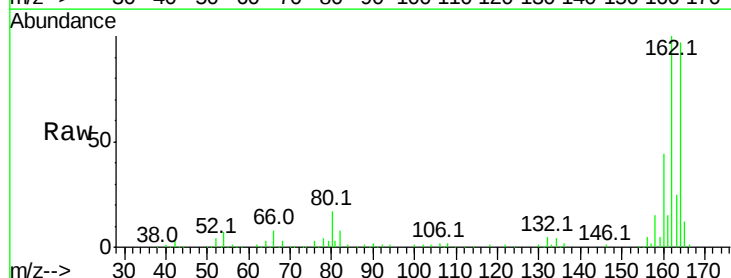
Instrument :
BNA_F
ClientSampleId :
72-11987

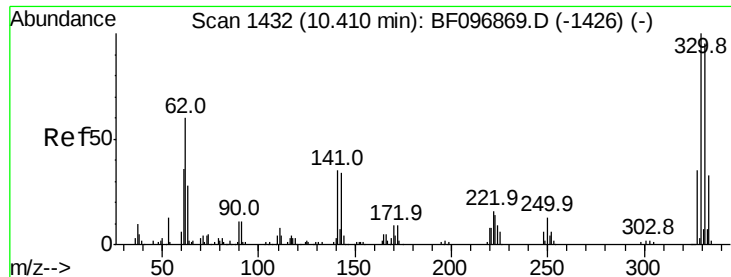
Tot Ion: 82 Resp: 507867
Ion Ratio Lower Upper
82 100
128 46.3 34.0 51.0
54 67.3 42.2 63.2#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.60 min Scan# 1294
Delta R.T. -0.04 min
Lab File: BF096916.D
Acq: 20 Jul 2017 20:09

Tgt Ion: 164 Resp: 137538
Ion Ratio Lower Upper
164 100
162 103.4 82.6 123.8
160 45.3 36.2 54.2

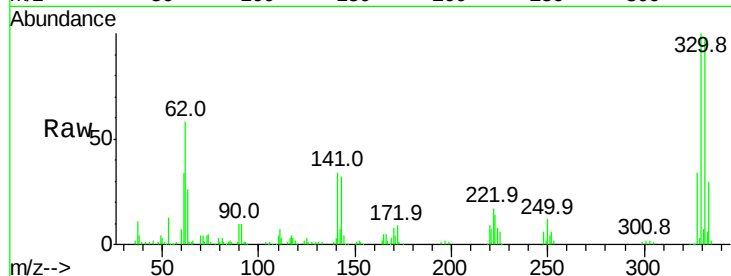




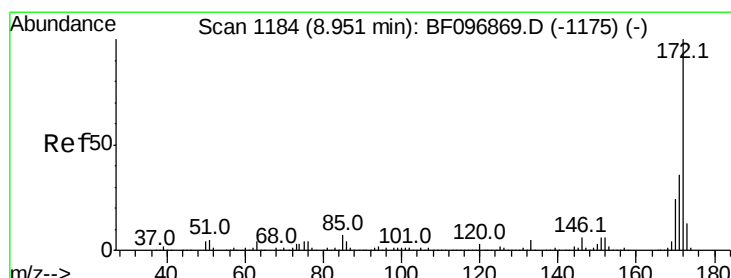
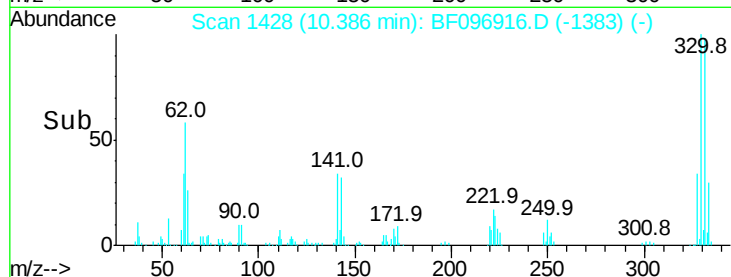
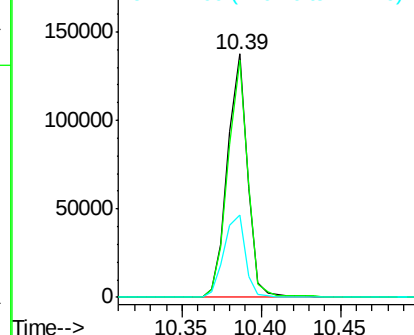
#41
 2,4,6-Tribromophenol
 Concen: 103.243 ng
 RT: 10.39 min Scan# 1428
 Delta R.T. -0.04 min
 Lab File: BF096916.D
 Acq: 20 Jul 2017 20:09

Instrument :
 BNA_F
 ClientSampleId :
 72-11987

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	115.0
141	36.4	31.4	47.2

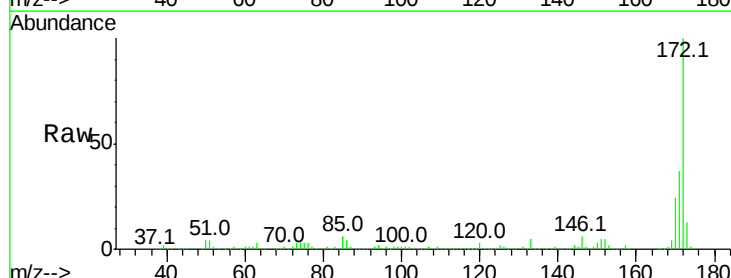


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

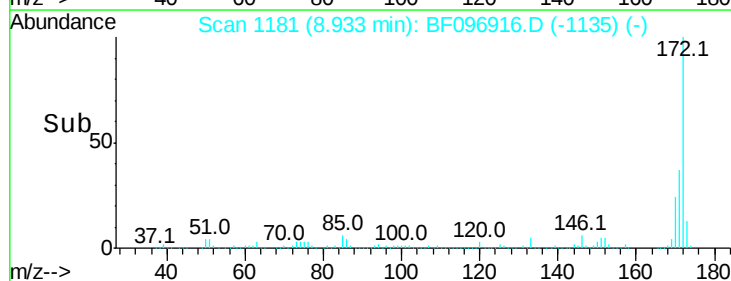
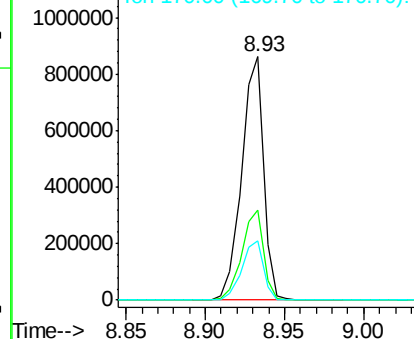


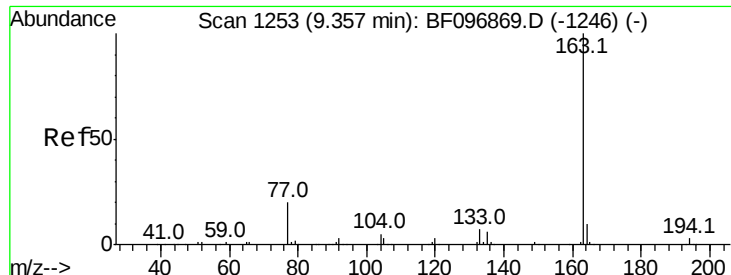
#44
 2-Fluorobiphenyl
 Concen: 94.872 ng
 RT: 8.93 min Scan# 1181
 Delta R.T. -0.03 min
 Lab File: BF096916.D
 Acq: 20 Jul 2017 20:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.6	44.4
170	24.2	19.8	29.8



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





#49

Dimethylphthalate

Concen: 17.107 ng

RT: 9.33 min Scan# 1248

Delta R.T. -0.04 min

Lab File: BF096916.D

Acq: 20 Jul 2017 20:09

Instrument :

BNA_F

ClientSampleId :

72-11987

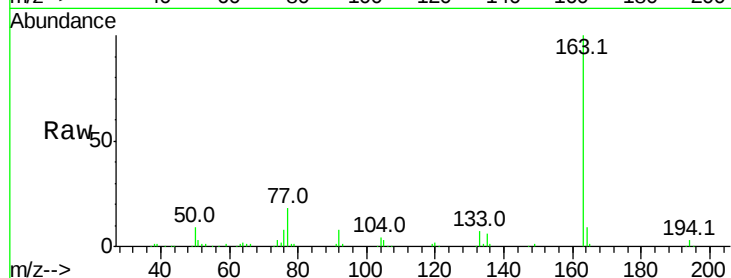
Tot Ion:163 Resp: 177158

Ion Ratio Lower Upper

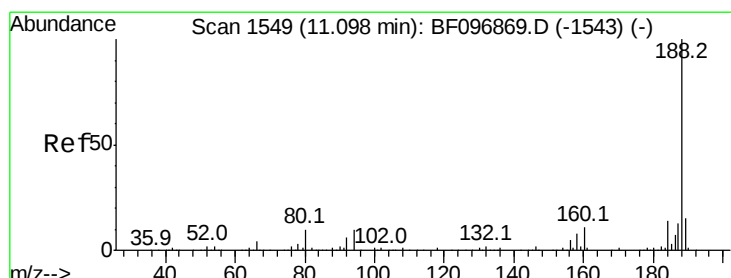
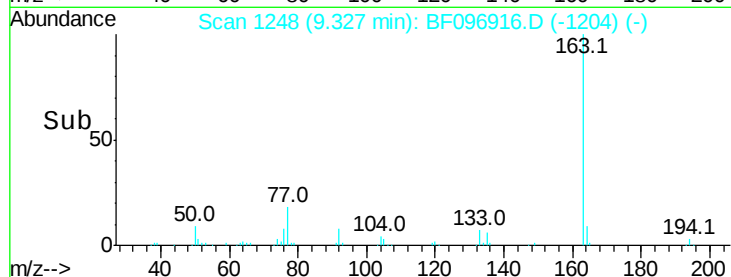
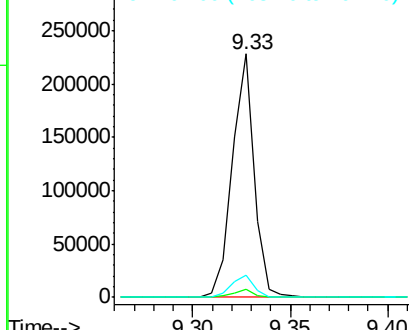
163 100

194 3.3 2.6 4.0

164 9.3 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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.07 min Scan# 1545

Delta R.T. -0.03 min

Lab File: BF096916.D

Acq: 20 Jul 2017 20:09

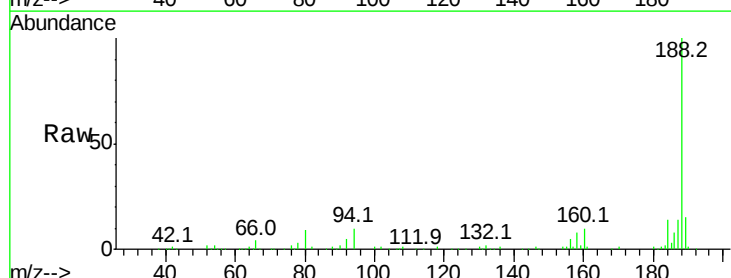
Tgt Ion:188 Resp: 186756

Ion Ratio Lower Upper

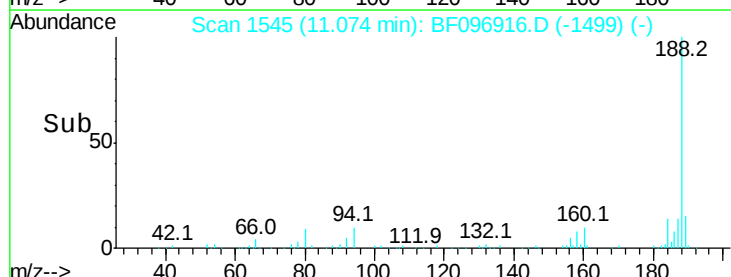
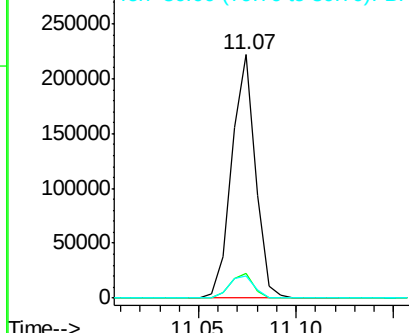
188 100

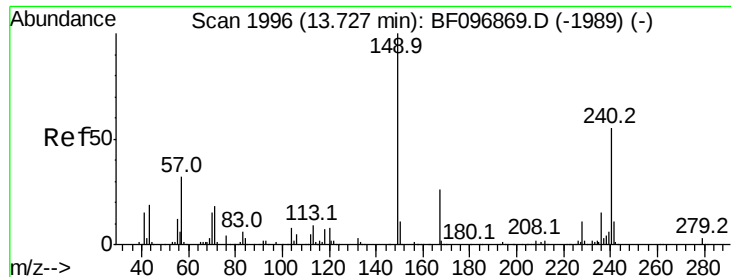
94 10.3 9.4 14.2

80 9.3 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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.70 min Scan# 1991

Delta R.T. -0.04 min

Lab File: BF096916.D

Acq: 20 Jul 2017 20:09

Instrument :

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72-11987

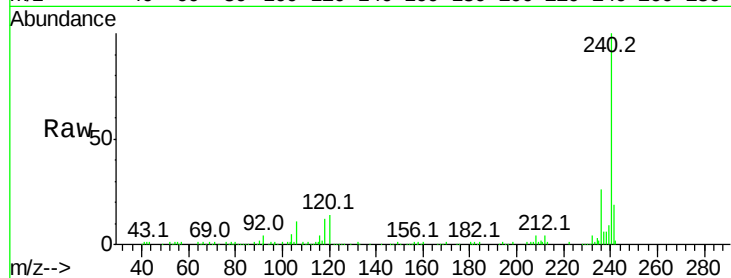
Tot Ion:240 Resp: 161547

Ion Ratio Lower Upper

240 100

120 14.0 5.8 8.8#

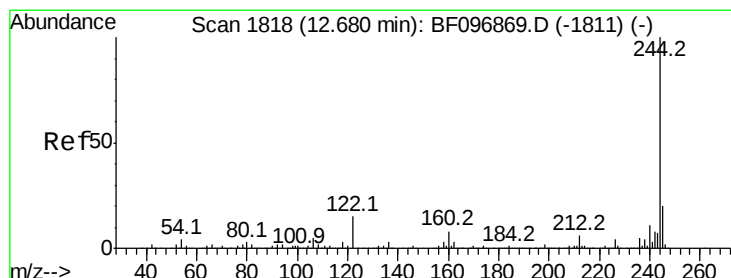
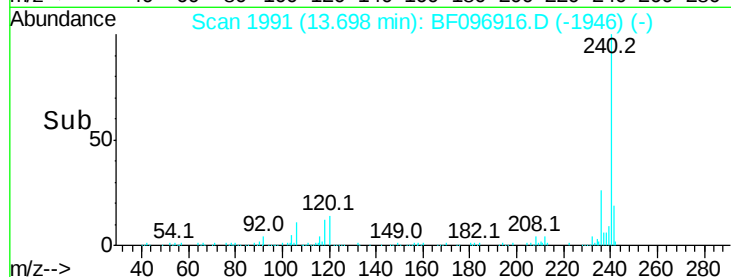
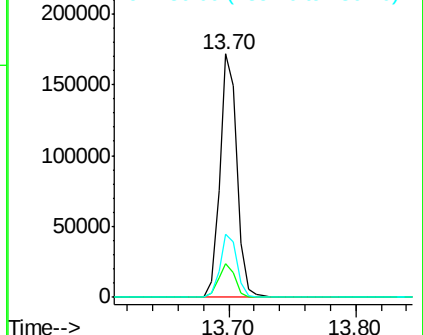
236 26.1 20.5 30.7



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



#78

Terphenyl-d14

Concen: 43.754 ng

RT: 12.66 min Scan# 1814

Delta R.T. -0.04 min

Lab File: BF096916.D

Acq: 20 Jul 2017 20:09

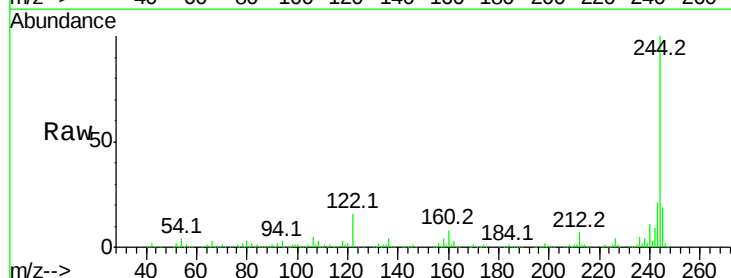
Tgt Ion:244 Resp: 407569

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

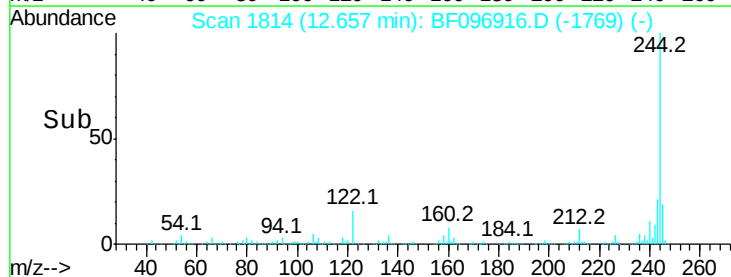
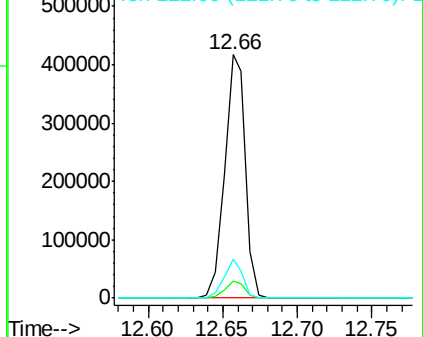
122 15.9 10.3 15.5#

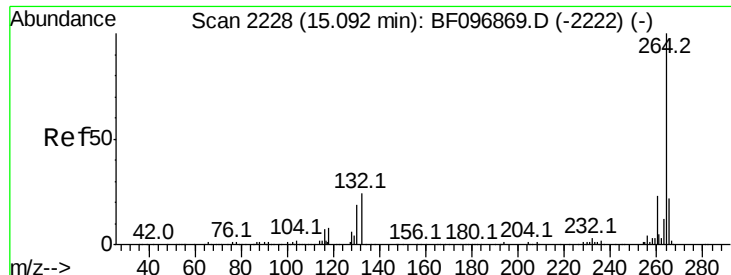


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

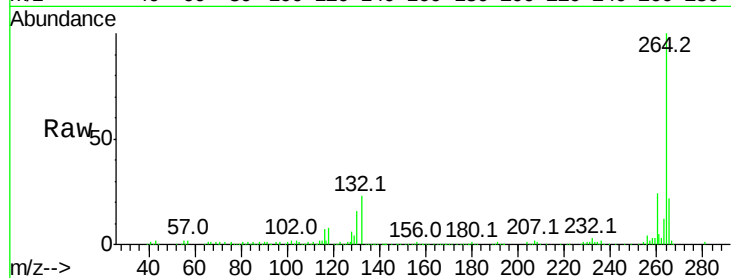




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.07 min Scan# 2224
 Delta R.T. -0.04 min
 Lab File: BF096916.D
 Acq: 20 Jul 2017 20:09

Instrument :
 BNA_F
 ClientSampleId :
 72-11987

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.9	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

