

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051017\
 Data File : BF095067.D
 Acq On : 10 May 2017 21:10
 Operator : SJ/MA
 Sample : I3048-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-4923

Quant Time: May 11 07:48:26 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

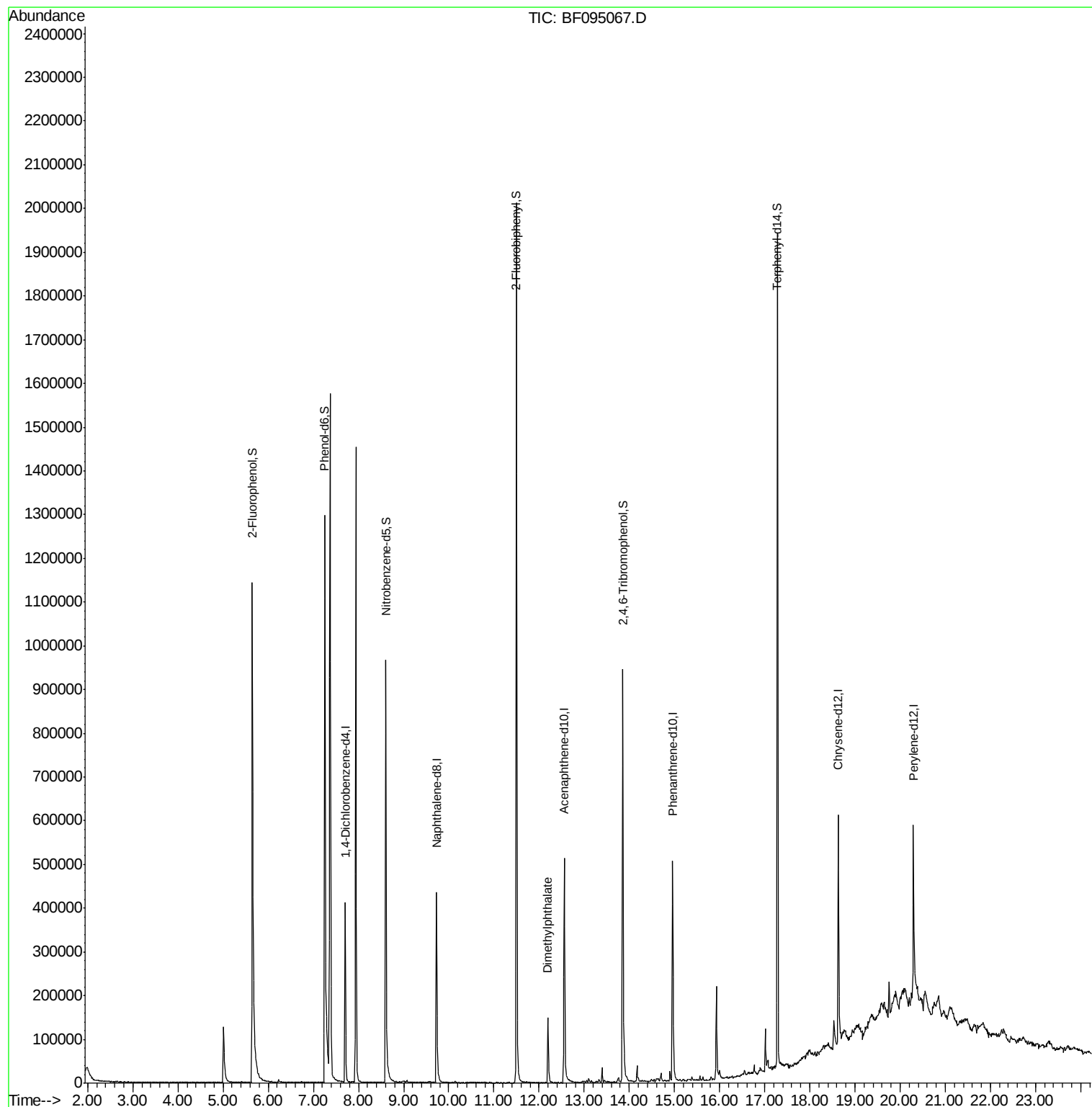
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	87461	20.00	ng	-0.02
21) Naphthalene-d8	9.73	136	351747	20.00	ng	-0.02
38) Acenaphthene-d10	12.56	164	162533	20.00	ng	-0.02
63) Phenanthrene-d10	14.96	188	299782	20.00	ng	-0.02
75) Chrysene-d12	18.63	240	238790	20.00	ng	-0.02
86) Perylene-d12	20.29	264	190827	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	663166	126.41	ng	-0.03
7) Phenol-d6	7.25	99	819362	130.17	ng	-0.02
23) Nitrobenzene-d5	8.61	82	470149	84.28	ng	-0.03
41) 2,4,6-Tribromophenol	13.85	330	175985	132.21	ng	-0.03
44) 2-Fluorobiphenyl	11.50	172	898999	79.61	ng	-0.03
78) Terphenyl-d14	17.28	244	775482	71.53	ng	-0.03
Target Compounds						
49) Dimethylphthalate	12.19	163	105387	7.90	ng	Qvalue # 99

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

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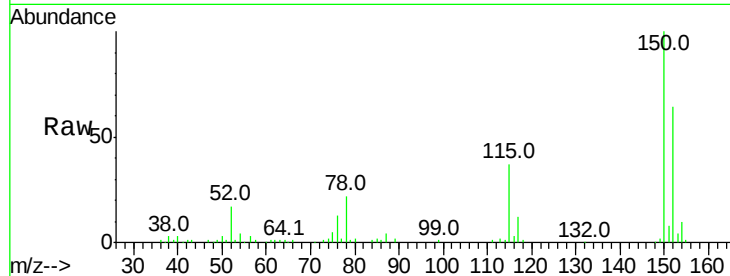


#1

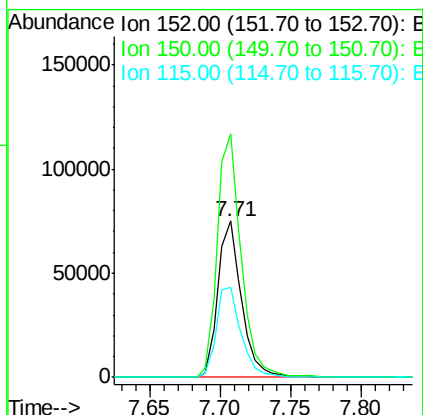
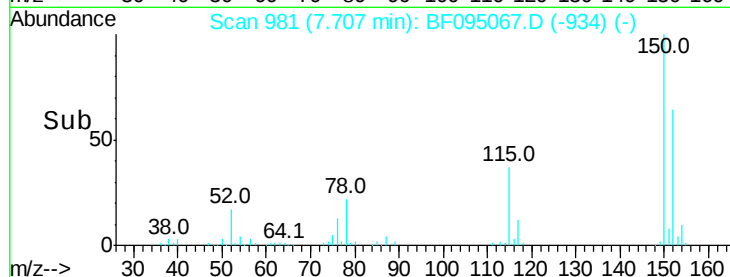
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 981
Delta R.T. -0.02 min
Lab File: BF095067.D
Acq: 10 May 2017 21:10

Instrument :
BNA_F
ClientSampleId :
RO-4923

Tot Ion:152 Resp: 87461
Ion Ratio Lower Upper
152 100
150 155.6 126.2 189.2
115 57.9 52.2 78.2



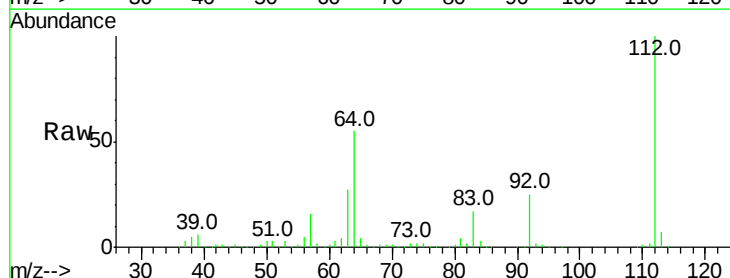
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



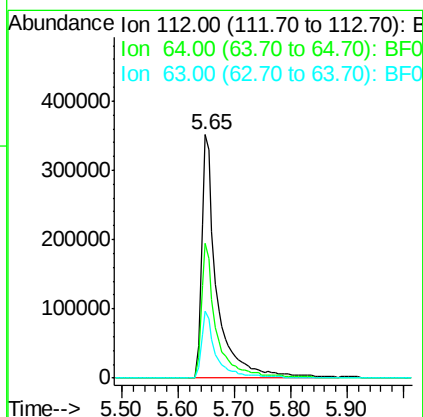
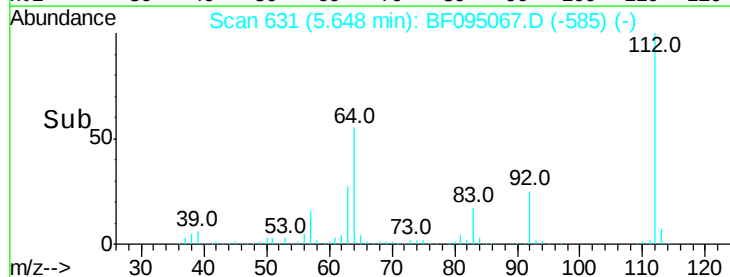
#5

2-Fluorophenol
Concen: 126.41 ng
RT: 5.65 min Scan# 631
Delta R.T. -0.03 min
Lab File: BF095067.D
Acq: 10 May 2017 21:10

Tgt Ion:112 Resp: 663166
Ion Ratio Lower Upper
112 100
64 55.3 46.0 69.0
63 27.3 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: 130.17 ng

RT: 7.25 min Scan# 904

Delta R.T. -0.02 min

Lab File: BF095067.D

Acq: 10 May 2017 21:10

Instrument :

BNA_F

ClientSampleId :

RO-4923

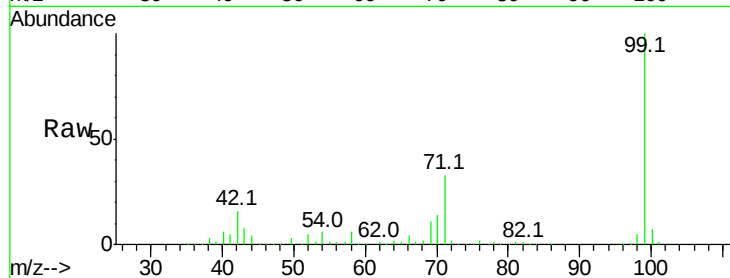
Tot Ion: 99 Resp: 819362

Ion Ratio Lower Upper

99 100

42 15.7 13.5 20.3

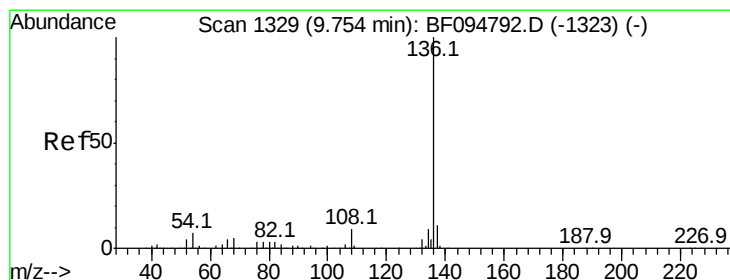
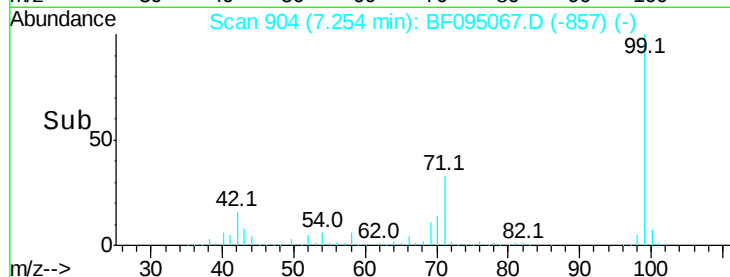
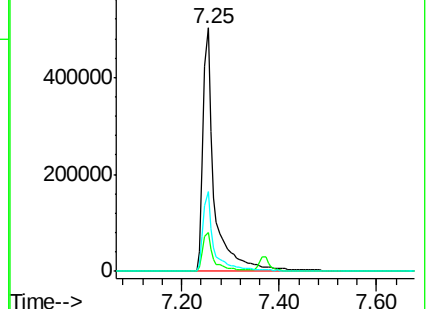
71 32.6 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.73 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BF095067.D

Acq: 10 May 2017 21:10

Tgt Ion: 136 Resp: 351747

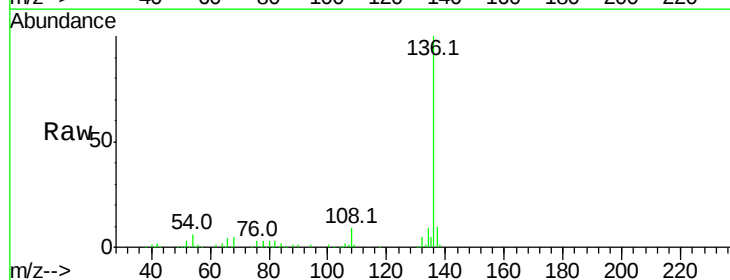
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 6.5 4.9 7.3

68 5.2 4.1 6.1

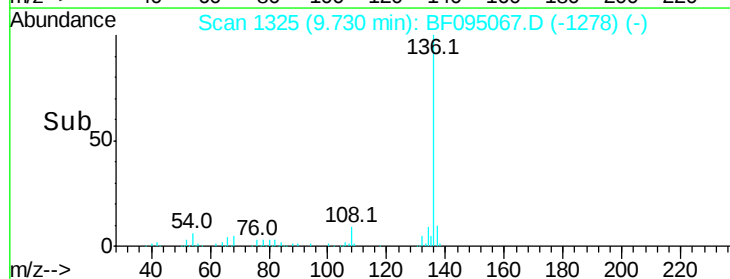
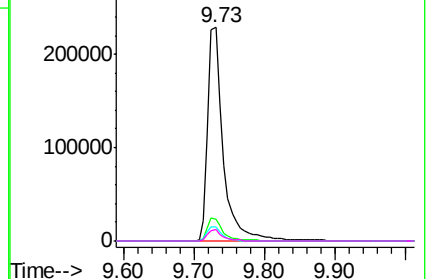


Abundance Ion 136.00 (135.70 to 136.70): E

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

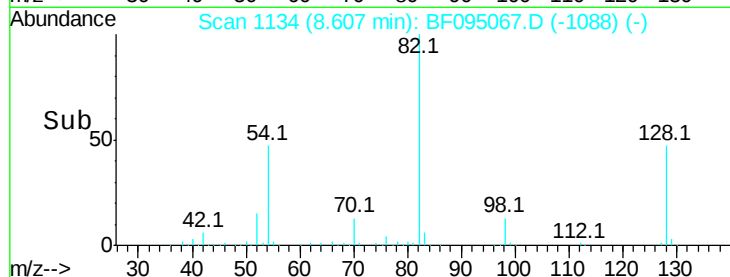
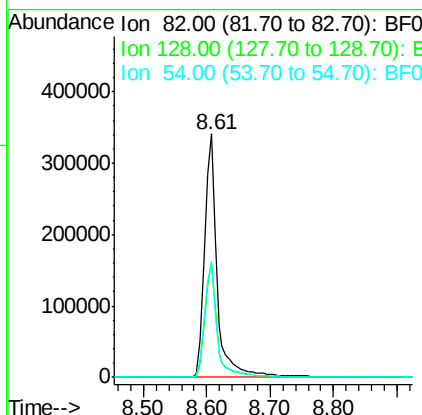
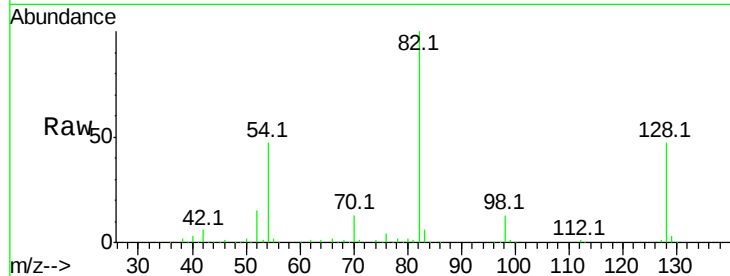




#23
 Nitrobenzene-d5
 Concen: 84.28 ng
 RT: 8.61 min Scan# 1134
 Delta R.T. -0.03 min
 Lab File: BF095067.D
 Acq: 10 May 2017 21:10

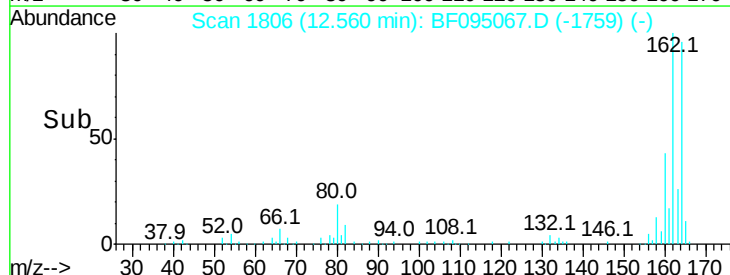
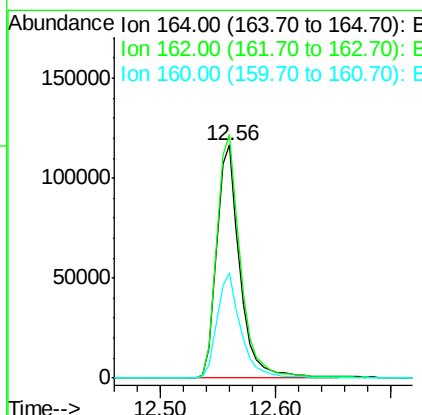
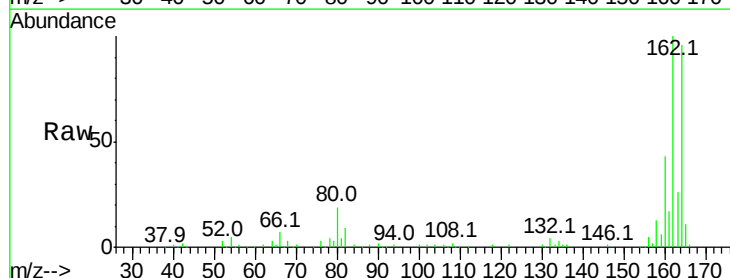
Instrument :
 BNA_F
 ClientSampleId :
 RO-4923

Tot Ion: 82 Resp: 470149
 Ion Ratio Lower Upper
 82 100
 128 47.4 34.0 51.0
 54 47.2 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.56 min Scan# 1806
 Delta R.T. -0.02 min
 Lab File: BF095067.D
 Acq: 10 May 2017 21:10

Tgt Ion:164 Resp: 162533
 Ion Ratio Lower Upper
 164 100
 162 104.4 82.6 123.8
 160 45.1 36.2 54.2

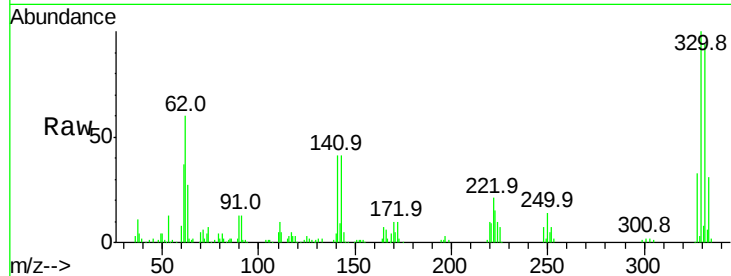




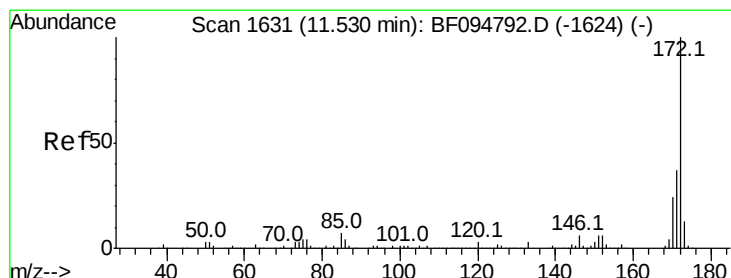
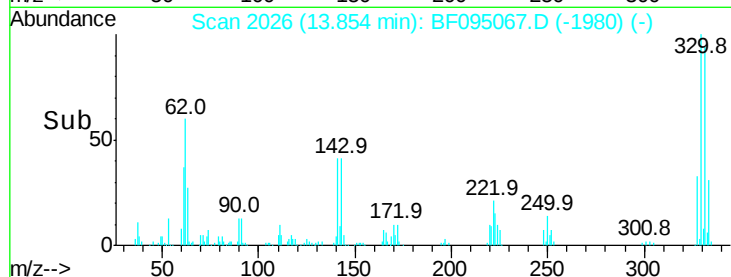
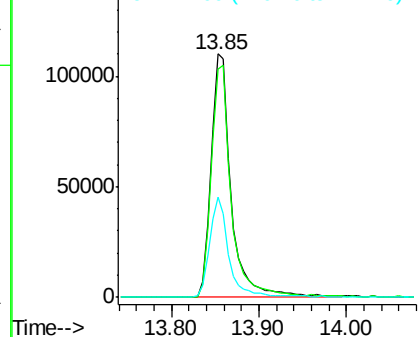
#41
 2,4,6-Tribromophenol
 Concen: 132.21 ng
 RT: 13.85 min Scan# 2026
 Delta R.T. -0.03 min
 Lab File: BF095067.D
 Acq: 10 May 2017 21:10

Instrument :
 BNA_F
 ClientSampleId :
 RO-4923

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	76.6	115.0
141	39.6	31.4	47.2

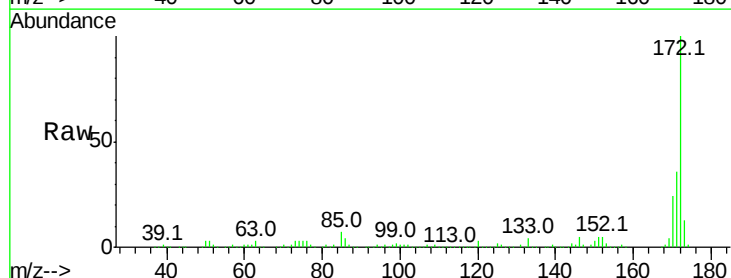


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

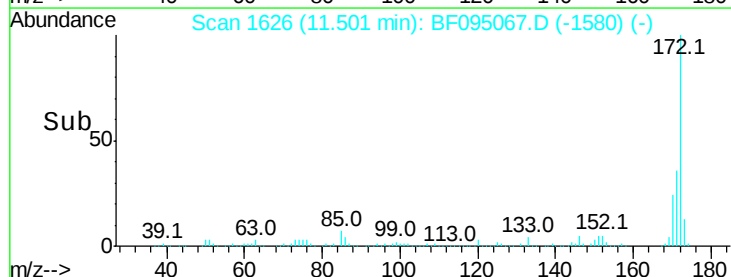
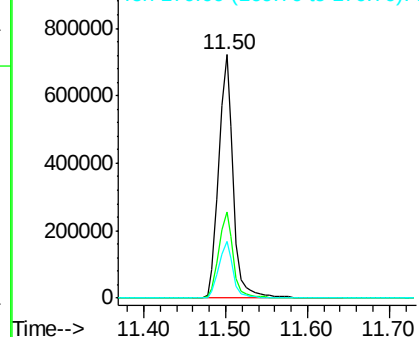


#44
 2-Fluorobiphenyl
 Concen: 79.61 ng
 RT: 11.50 min Scan# 1626
 Delta R.T. -0.03 min
 Lab File: BF095067.D
 Acq: 10 May 2017 21:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	23.6	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: 7.90 ng

RT: 12.19 min Scan# 1744

Delta R.T. -0.04 min

Lab File: BF095067.D

Acq: 10 May 2017 21:10

Instrument :

BNA_F

ClientSampleId :

RO-4923

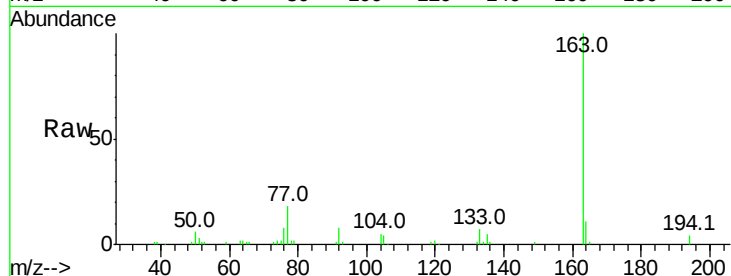
Tot Ion:163 Resp: 105387

Ion Ratio Lower Upper

163 100

194 4.0 2.6 4.0#

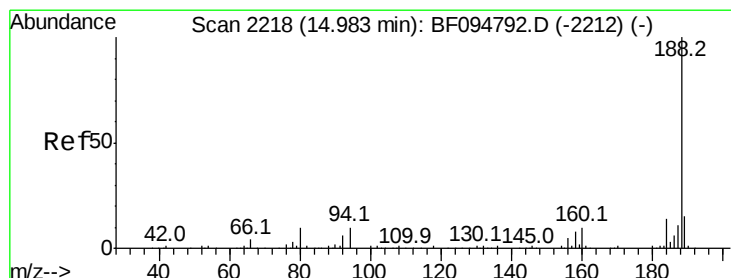
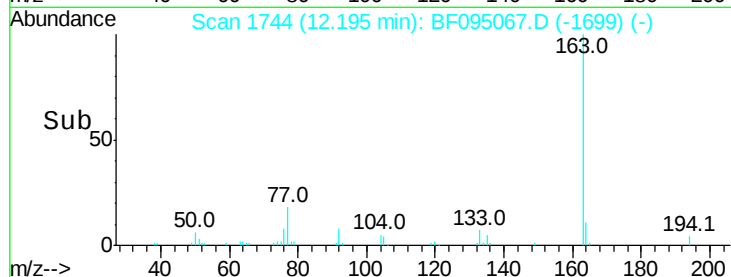
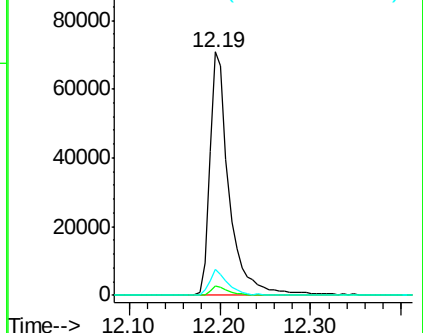
164 10.9 8.4 12.6



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: 20.00 ng

RT: 14.96 min Scan# 2214

Delta R.T. -0.02 min

Lab File: BF095067.D

Acq: 10 May 2017 21:10

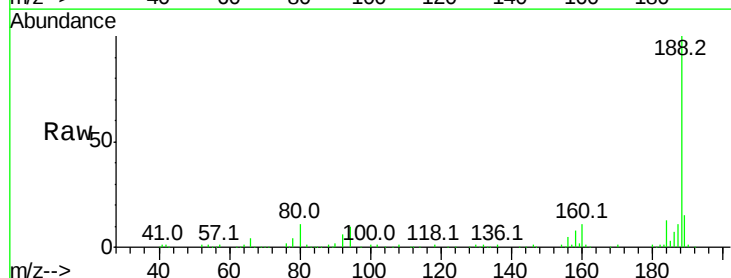
Tgt Ion:188 Resp: 299782

Ion Ratio Lower Upper

188 100

94 10.2 9.4 14.2

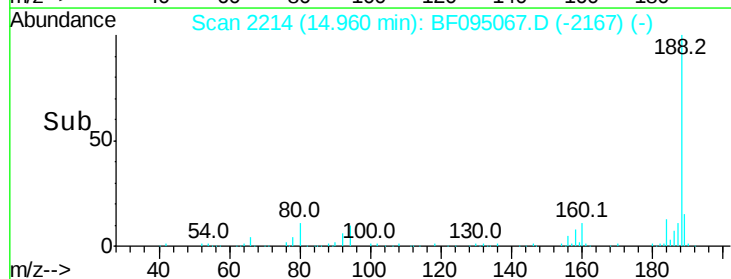
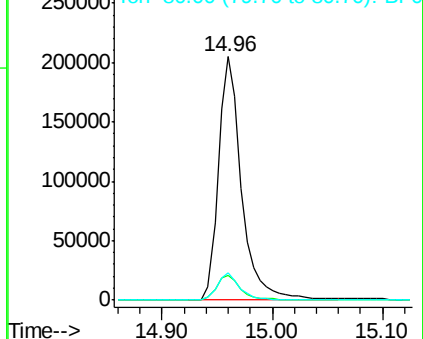
80 11.2 10.2 15.2

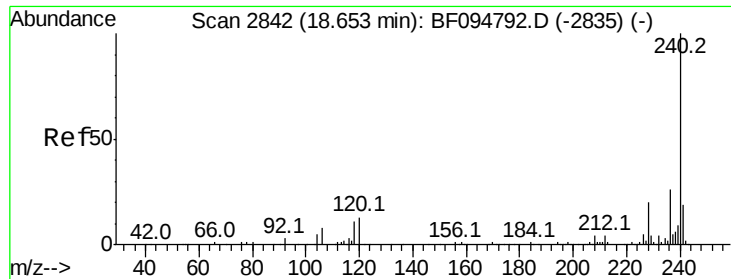


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

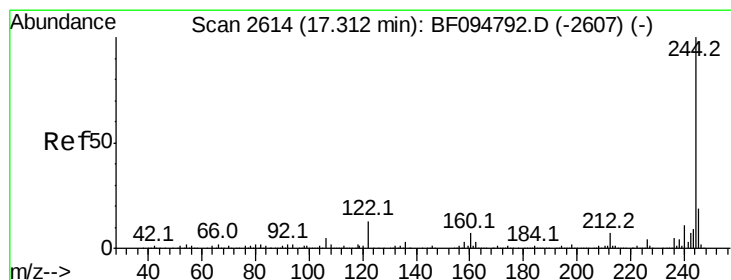
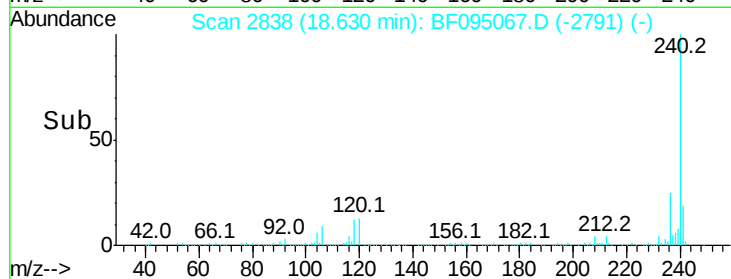
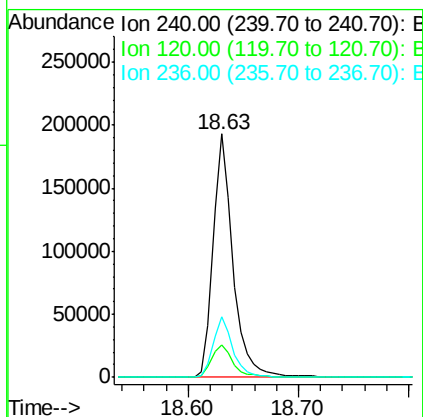
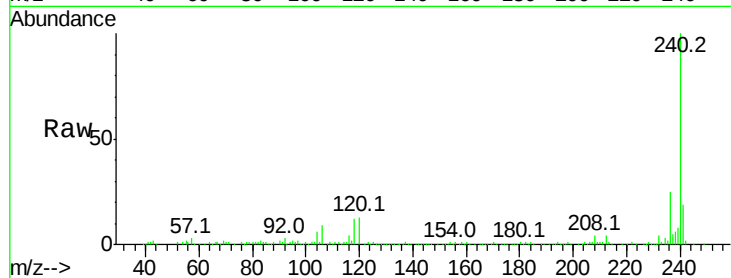




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.63 min Scan# 2838
 Delta R.T. -0.02 min
 Lab File: BF095067.D
 Acq: 10 May 2017 21:10

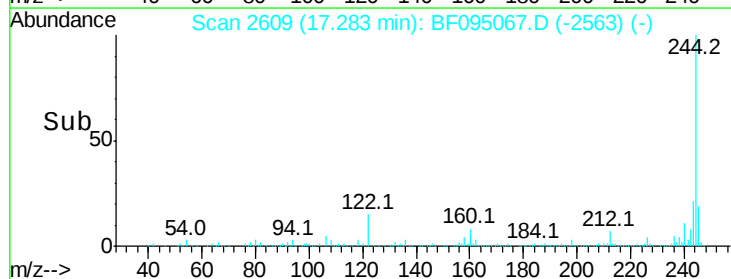
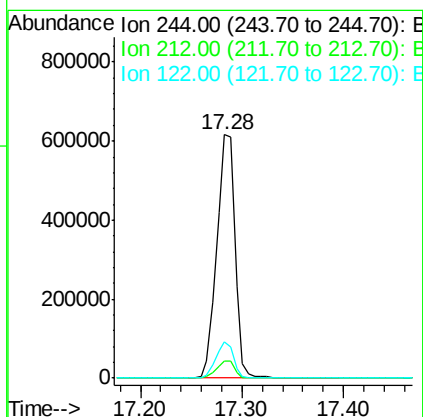
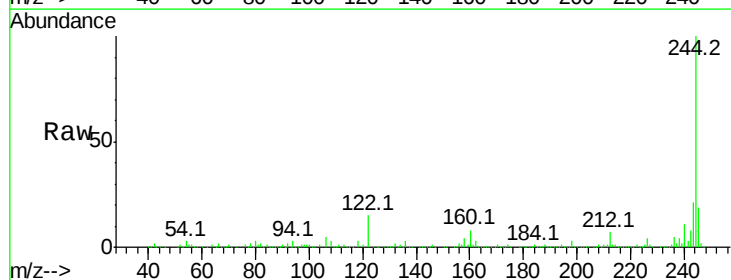
Instrument :
 BNA_F
 ClientSampled :
 RO-4923

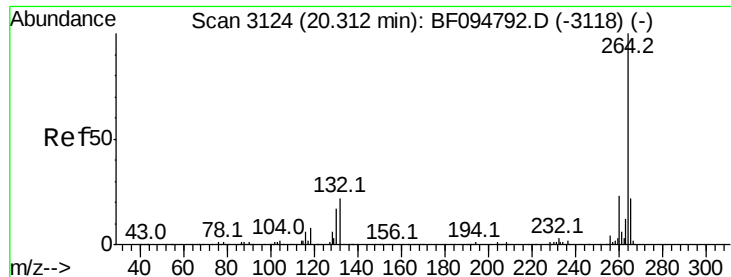
Tot Ion:240 Resp: 238790
 Ion Ratio Lower Upper
 240 100
 120 13.3 5.8 8.8#
 236 24.7 20.5 30.7



#78
 Terphenyl-d14
 Concen: 71.53 ng
 RT: 17.28 min Scan# 2609
 Delta R.T. -0.03 min
 Lab File: BF095067.D
 Acq: 10 May 2017 21:10

Tgt Ion:244 Resp: 775482
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 14.7 10.3 15.5

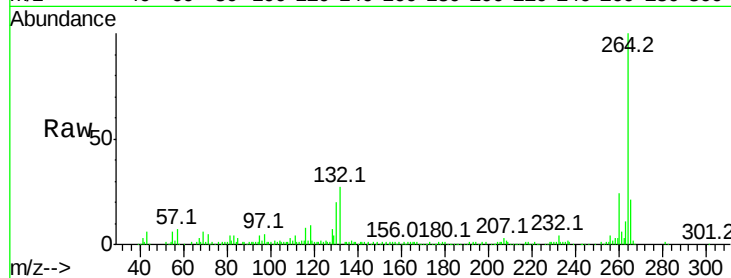




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.29 min Scan# 3121
Delta R.T. -0.02 min
Lab File: BF095067.D
Acq: 10 May 2017 21:10

Instrument :
BNA_F
ClientSampleId :
RO-4923

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.3	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

