

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
 Data File : BF095979.D
 Acq On : 17 Jun 2017 4:57
 Operator : SJ/MA
 Sample : I3696-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-RO-72-11935

Quant Time: Jun 17 06:06:44 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 17:12:03 2017
 Response via : Initial Calibration

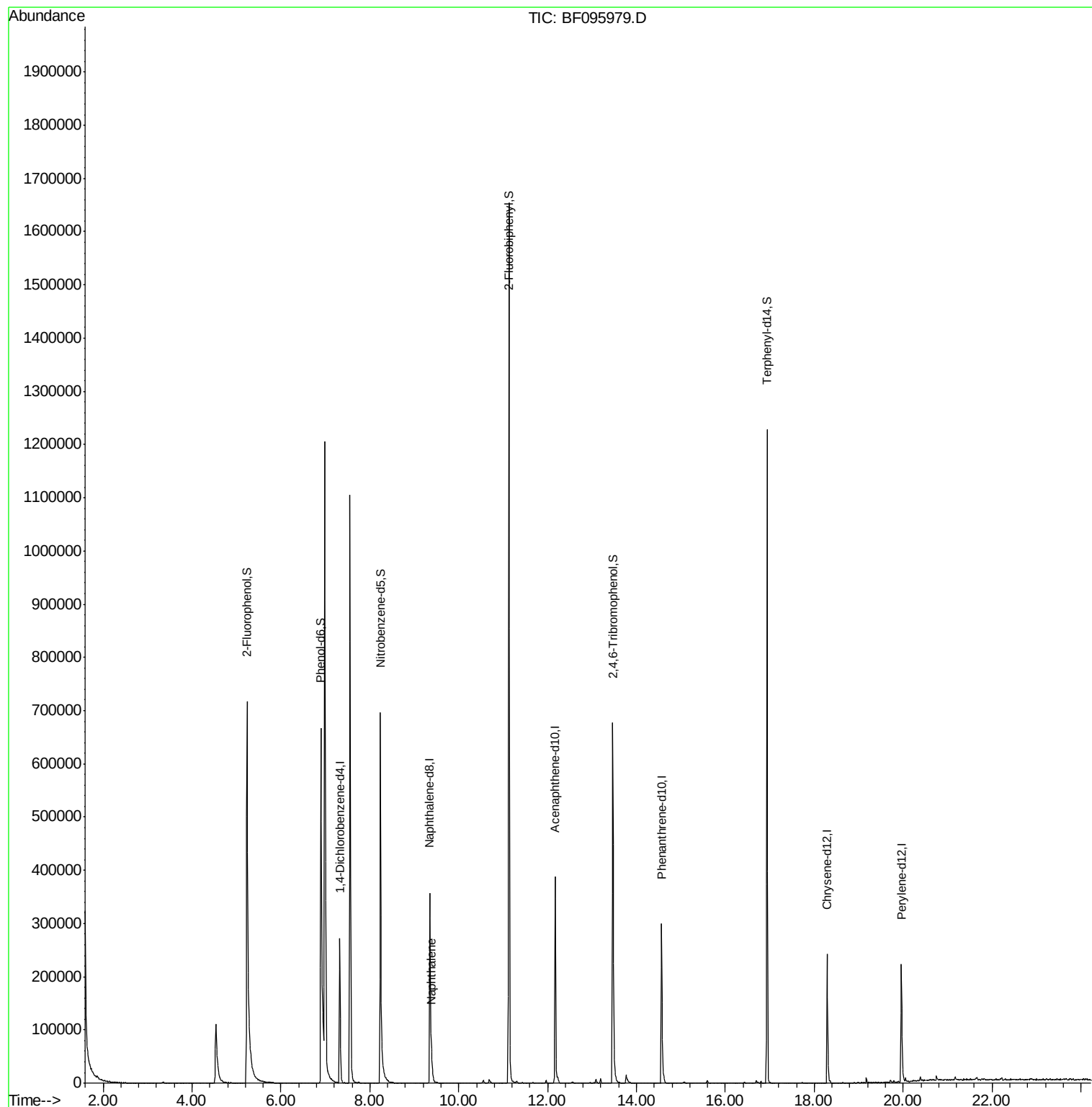
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	65606	20.00	ng	0.00
21) Naphthalene-d8	9.35	136	275367	20.00	ng	0.00
38) Acenaphthene-d10	12.17	164	117856	20.00	ng	-0.01
63) Phenanthrene-d10	14.56	188	181659	20.00	ng	0.00
75) Chrysene-d12	18.29	240	134034	20.00	ng	0.00
86) Perylene-d12	19.96	264	129313	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	524151	127.31	ng	0.02
7) Phenol-d6	6.90	99	593607	120.43	ng	-0.01
23) Nitrobenzene-d5	8.24	82	411283	92.76	ng	-0.01
41) 2,4,6-Tribromophenol	13.47	330	131085	125.71	ng	-0.01
44) 2-Fluorobiphenyl	11.13	172	799190	94.36	ng	0.00
78) Terphenyl-d14	16.94	244	494020	91.47	ng	-0.01
Target Compounds						
31) Naphthalene	9.39	128	49610	3.59	ng	Qvalue 96

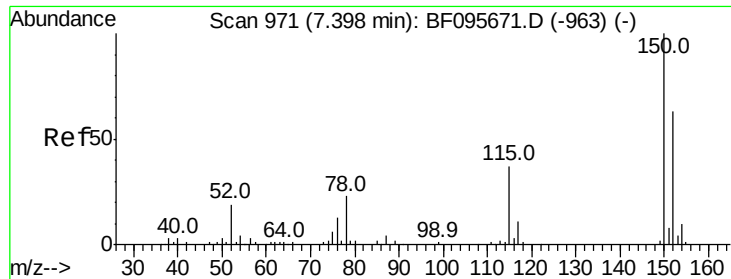
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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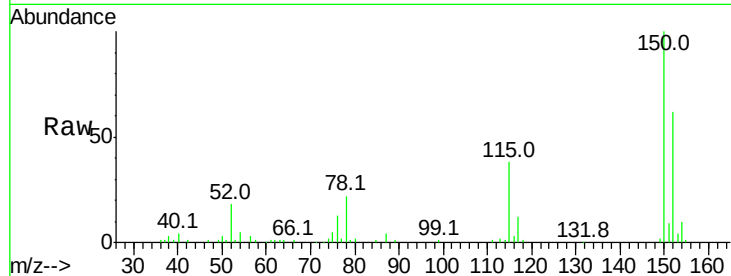


#1

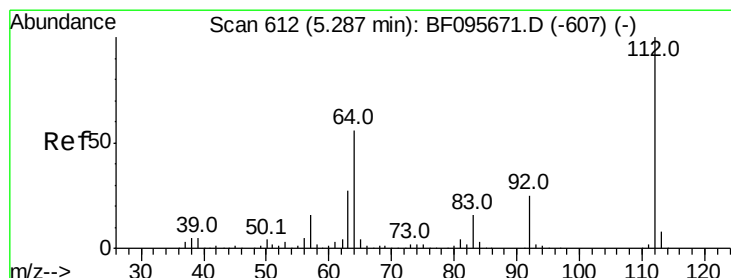
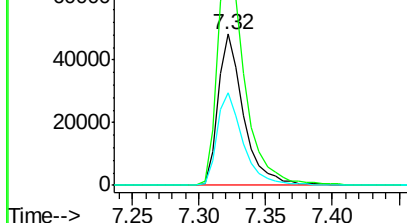
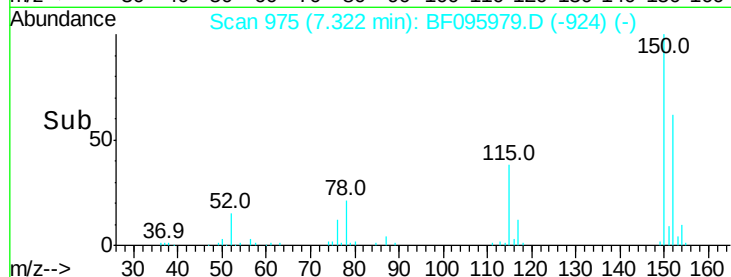
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.32 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF095979.D
Acq: 17 Jun 2017 4:57

Instrument :
BNA_F
ClientSampleId :
NB-RO-72-11935

Tot Ion:152 Resp: 65606
Ion Ratio Lower Upper
152 100
150 161.0 126.2 189.2
115 61.1 52.2 78.2



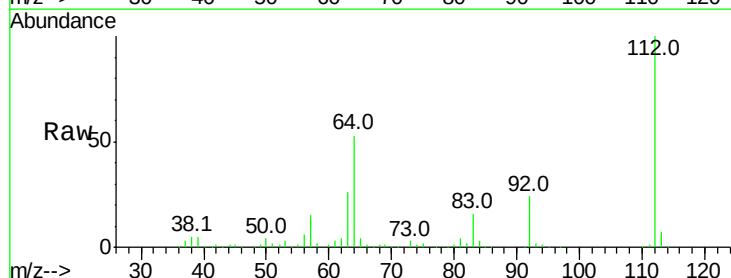
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



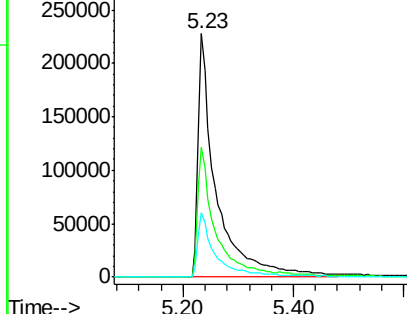
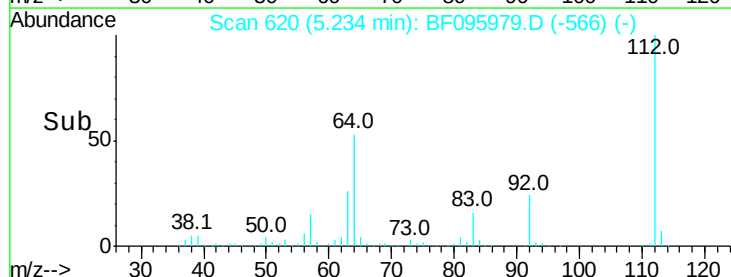
#5

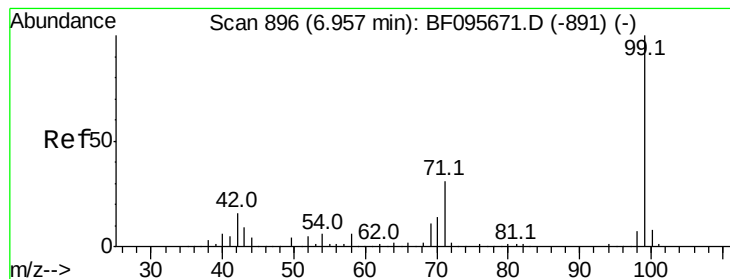
2-Fluorophenol
Concen: 127.31 ng
RT: 5.23 min Scan# 620
Delta R.T. 0.02 min
Lab File: BF095979.D
Acq: 17 Jun 2017 4:57

Tgt Ion:112 Resp: 524151
Ion Ratio Lower Upper
112 100
64 53.3 46.0 69.0
63 26.3 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: 120.43 ng

RT: 6.90 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF095979.D

Acq: 17 Jun 2017 4:57

Instrument :

BNA_F

ClientSampleId :

NB-RO-72-11935

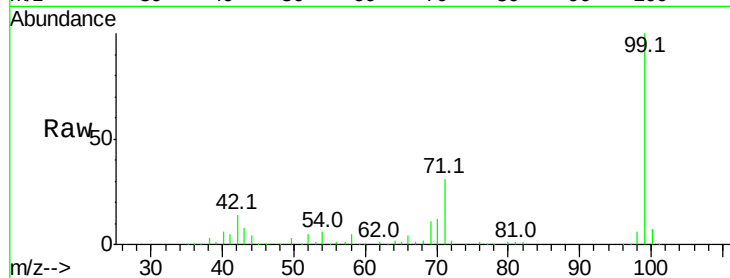
Tot Ion: 99 Resp: 593607

Ion Ratio Lower Upper

99 100

42 14.2 13.5 20.3

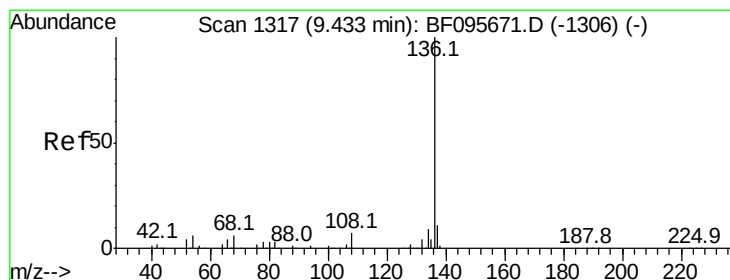
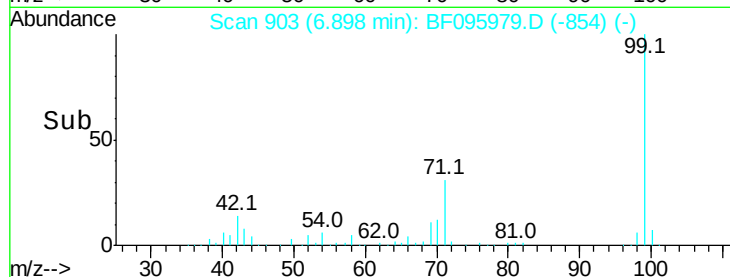
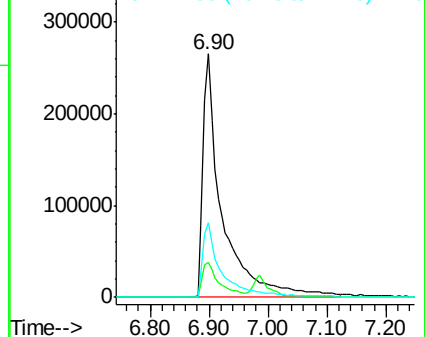
71 30.7 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.35 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF095979.D

Acq: 17 Jun 2017 4:57

Tgt Ion: 136 Resp: 275367

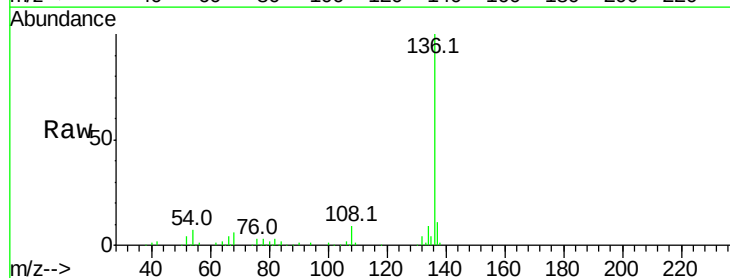
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.0 4.9 7.3

68 5.7 4.1 6.1

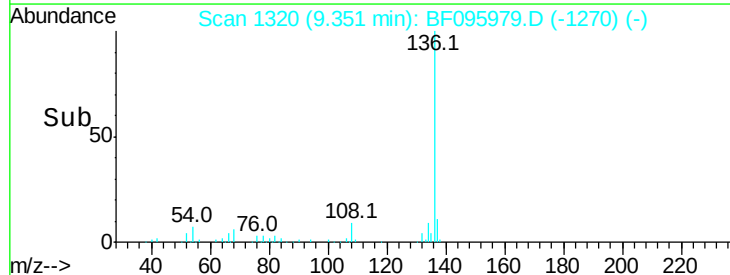
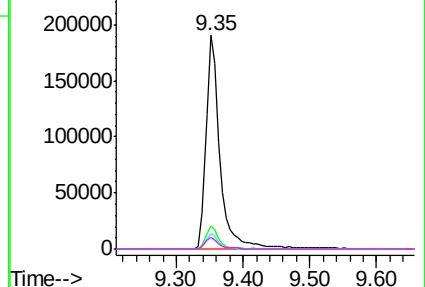


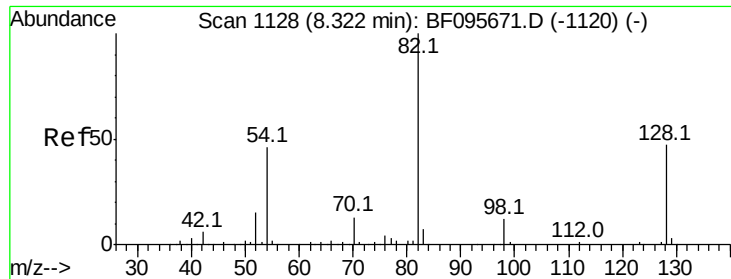
Abundance Ion 136.00 (135.70 to 136.70): E

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

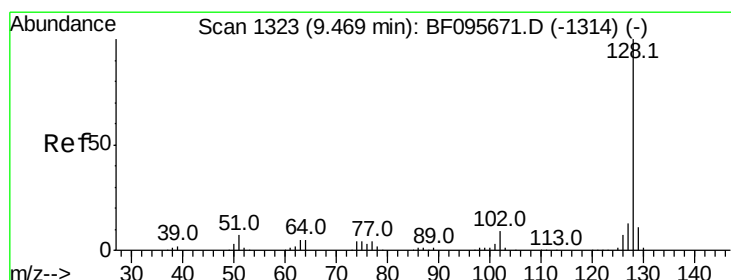
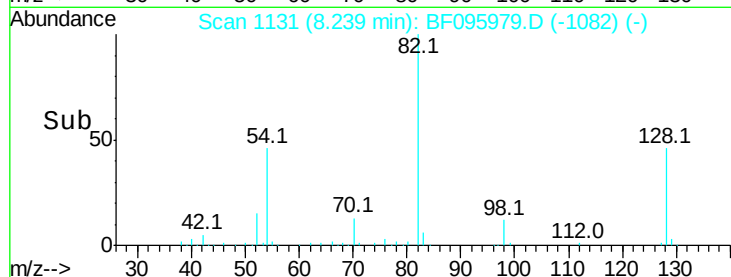
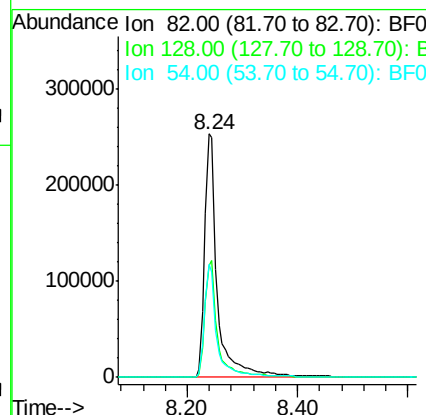
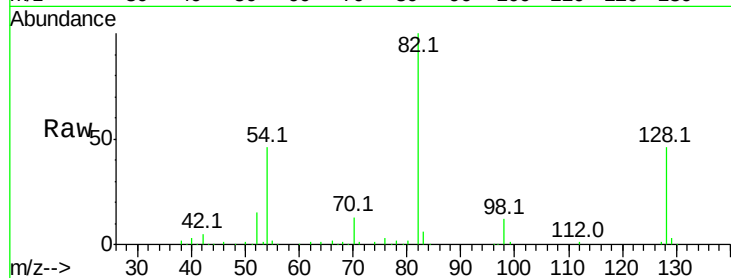




#23
 Nitrobenzene-d5
 Concen: 92.76 ng
 RT: 8.24 min Scan# 1131
 Delta R.T. -0.01 min
 Lab File: BF095979.D
 Acq: 17 Jun 2017 4:57

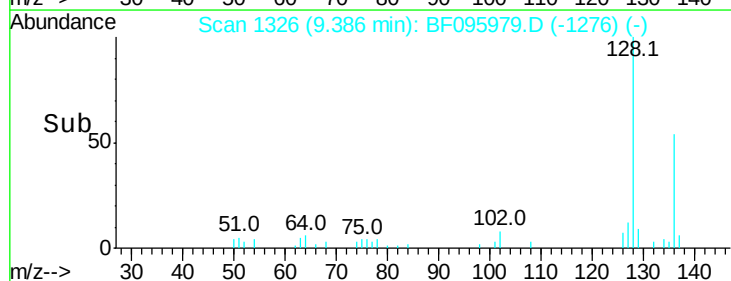
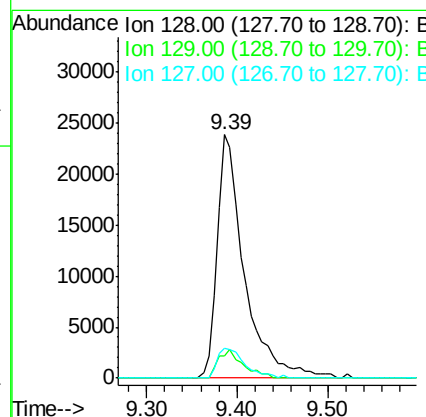
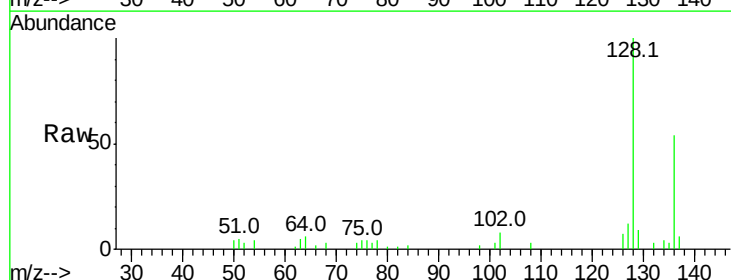
Instrument :
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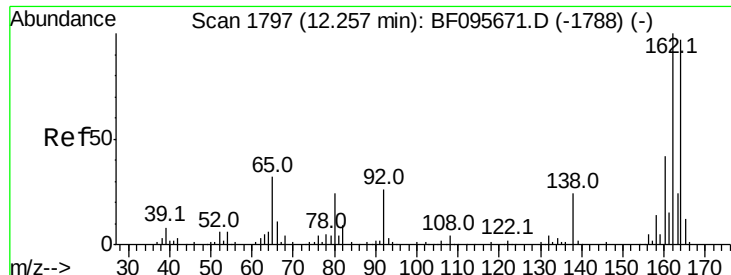
Tot Ion: 82 Resp: 411283
 Ion Ratio Lower Upper
 82 100
 128 46.0 34.0 51.0
 54 46.4 42.2 63.2



#31
 Naphthalene
 Concen: 3.59 ng
 RT: 9.39 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF095979.D
 Acq: 17 Jun 2017 4:57

Tgt Ion:128 Resp: 49610
 Ion Ratio Lower Upper
 128 100
 129 9.1 9.0 13.6
 127 12.4 10.8 16.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.17 min Scan# 1799

Delta R.T. -0.01 min

Lab File: BF095979.D

Acq: 17 Jun 2017 4:57

Instrument :

BNA_F

ClientSampleId :

NB-RO-72-11935

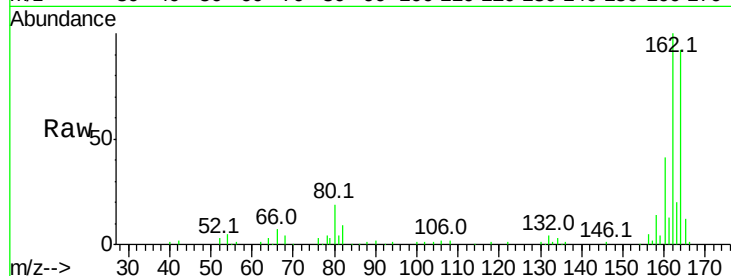
Tot Ion:164 Resp: 117856

Ion Ratio Lower Upper

164 100

162 108.3 82.6 123.8

160 44.5 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

120000

100000

80000

60000

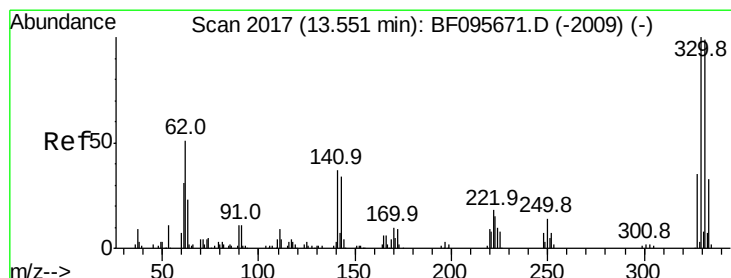
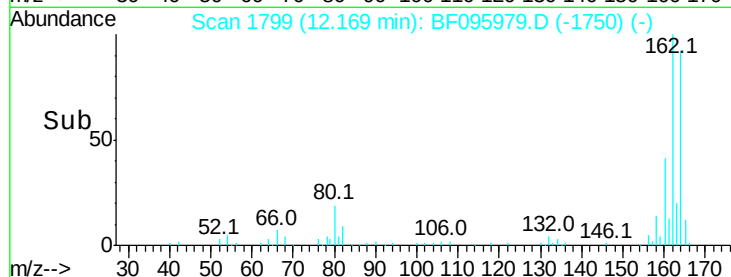
40000

20000

0

12.10 12.20 12.30

Time-->



#41

2,4,6-Tribromophenol

Concen: 125.71 ng

RT: 13.47 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF095979.D

Acq: 17 Jun 2017 4:57

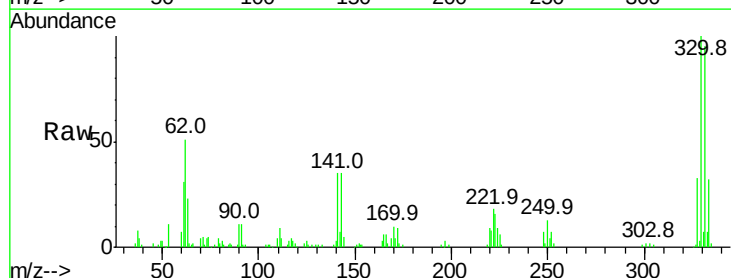
Tgt Ion:330 Resp: 131085

Ion Ratio Lower Upper

330 100

332 96.4 76.6 115.0

141 38.1 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

120000

100000

80000

60000

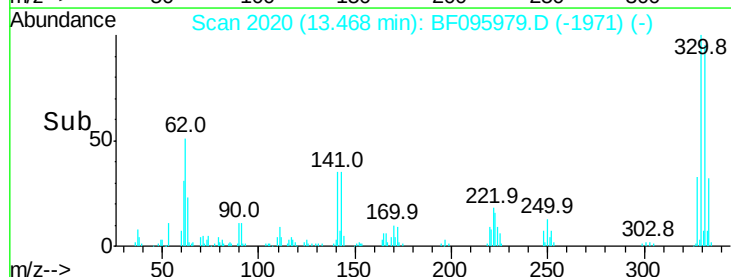
40000

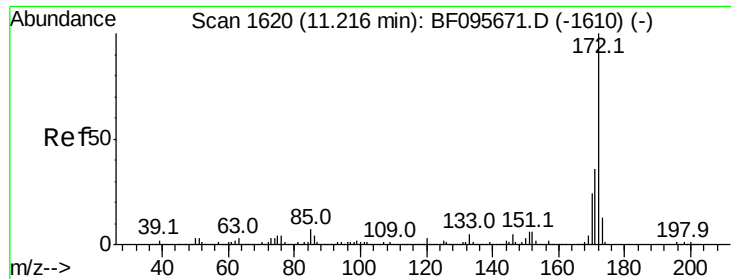
20000

0

13.40 13.50 13.60 13.70

Time-->

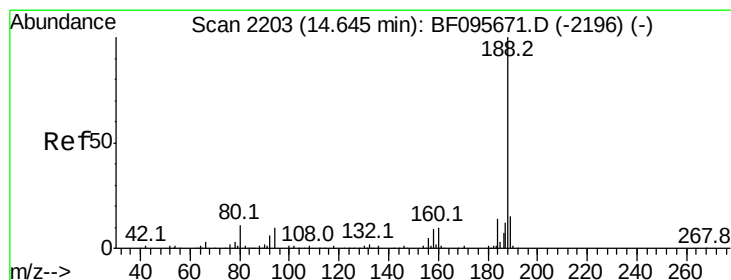
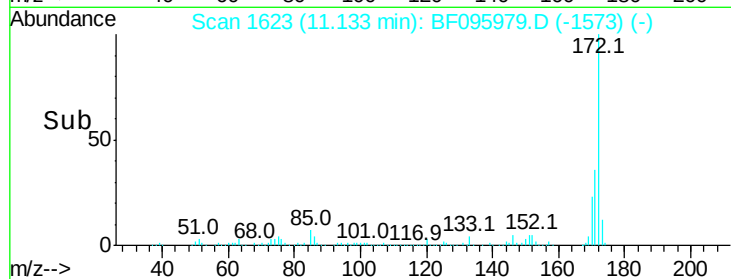
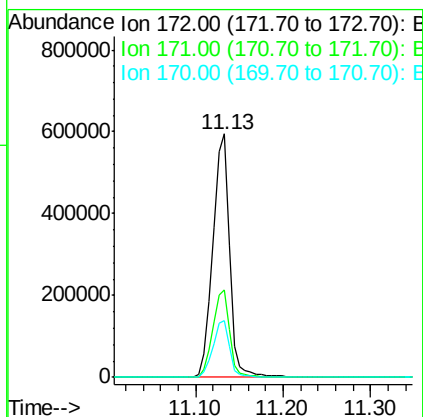
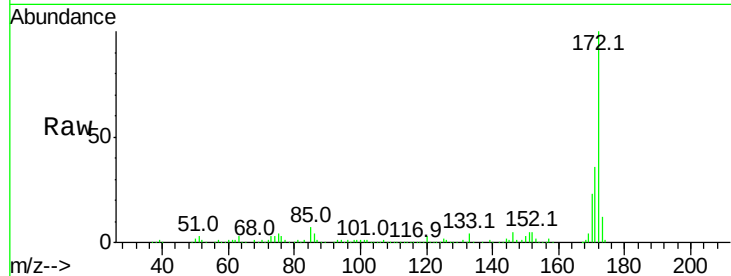




#44
2-Fluorobiphenyl
Concen: 94.36 ng
RT: 11.13 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BF095979.D
Acq: 17 Jun 2017 4:57

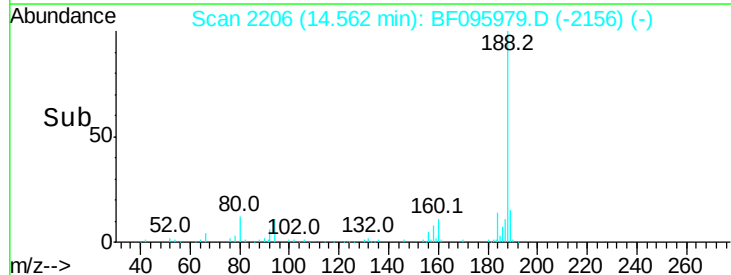
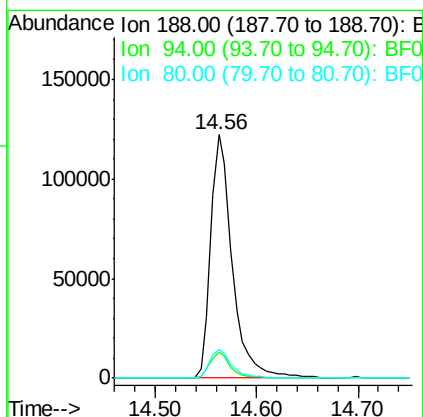
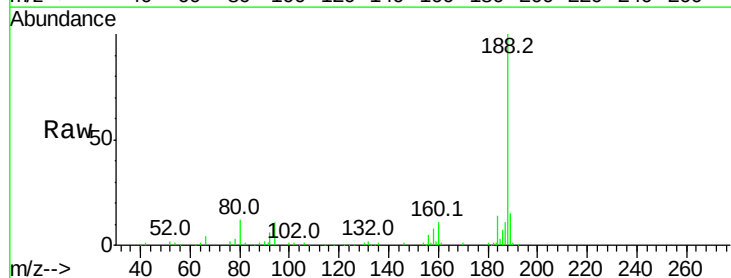
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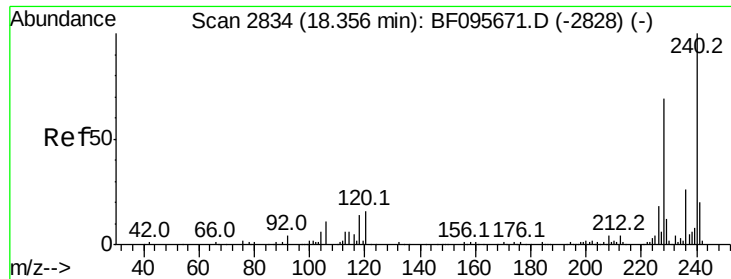
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	23.2	19.8	29.8



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.56 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF095979.D
Acq: 17 Jun 2017 4:57

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.8	9.4	14.2
80	11.5	10.2	15.2

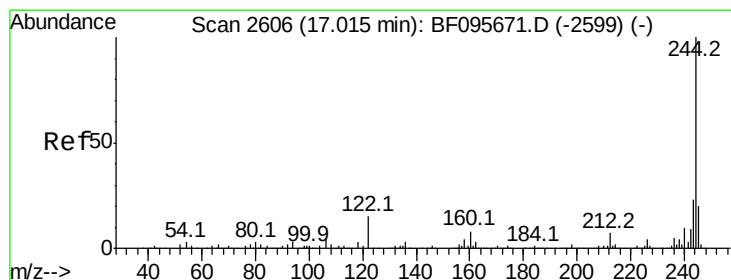
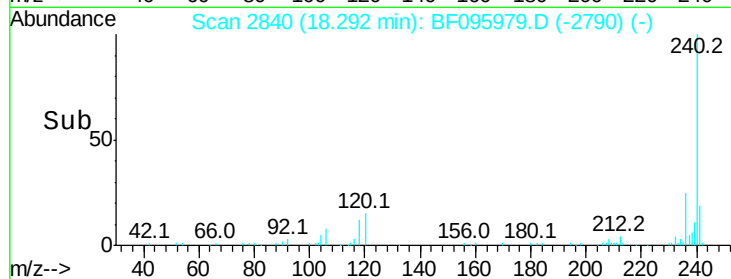
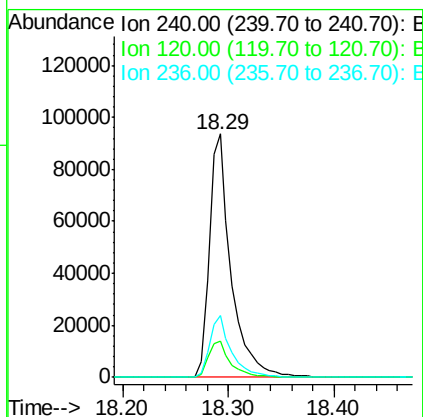
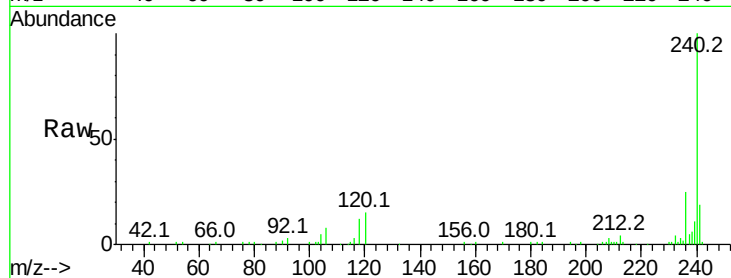




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.29 min Scan# 2840
 Delta R.T. -0.01 min
 Lab File: BF095979.D
 Acq: 17 Jun 2017 4:57

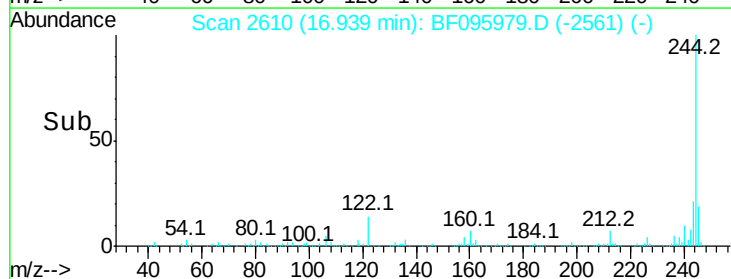
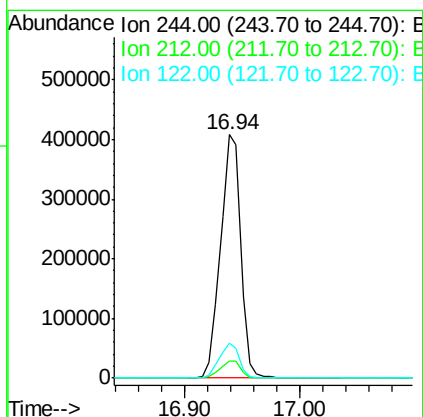
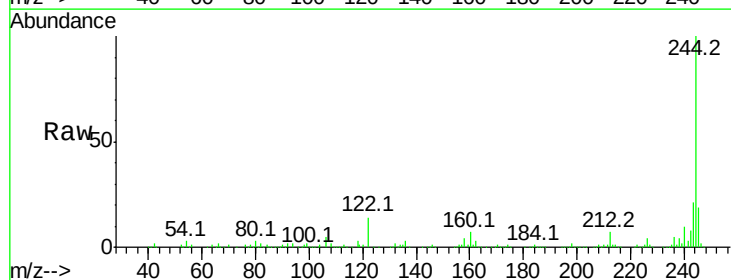
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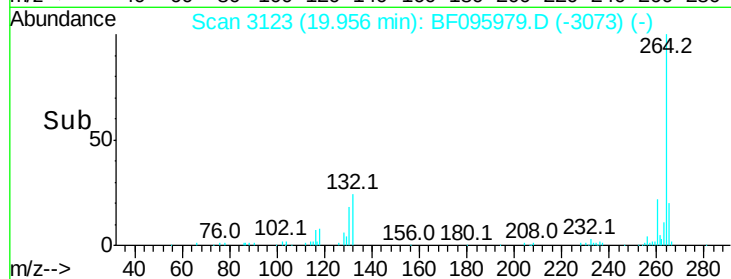
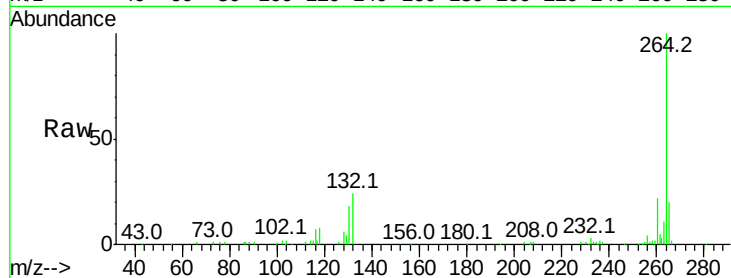
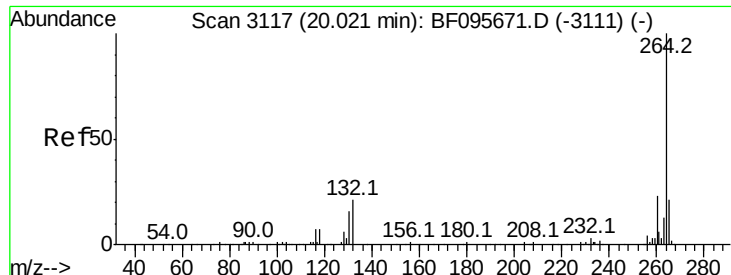
Tot Ion:240 Resp: 134034
 Ion Ratio Lower Upper
 240 100
 120 15.0 5.8 8.8#
 236 25.5 20.5 30.7



#78
 Terphenyl-d14
 Concen: 91.47 ng
 RT: 16.94 min Scan# 2610
 Delta R.T. -0.01 min
 Lab File: BF095979.D
 Acq: 17 Jun 2017 4:57

Tgt Ion:244 Resp: 494020
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 14.2 10.3 15.5





#86

Pervlene-d12

Concen: 20.00 ng

RT: 19.96 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BF095979.D

Acq: 17 Jun 2017 4:57

Instrument :

BNA_F

ClientSampleId :

NB-RO-72-11935

Tot Ion:264 Resp: 129313

Ion Ratio Lower Upper

264 100

260 22.4 19.5 29.3

265 20.0 17.2 25.8

