

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060517\
 Data File : BF095697.D
 Acq On : 6 Jun 2017 4:02
 Operator : SJ/MA
 Sample : I3444-05 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-RO-286-060117

Quant Time: Jun 06 07:04:00 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	103287	20.00	ng	0.00
21) Naphthalene-d8	9.43	136	371536	20.00	ng	0.00
38) Acenaphthene-d10	12.25	164	160847	20.00	ng	0.00
63) Phenanthrene-d10	14.64	188	214917	20.00	ng	0.00
75) Chrysene-d12	18.35	240	179515	20.00	ng	0.00
86) Perylene-d12	20.02	264	122416	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	63590	9.81	ng	0.03
7) Phenol-d6	6.98	99	87576	11.29	ng	0.02
23) Nitrobenzene-d5	8.32	82	43719	7.31	ng	0.00
41) 2,4,6-Tribromophenol	13.55	330	12699	8.92	ng	0.00
44) 2-Fluorobiphenyl	11.21	172	116657	10.09	ng	0.00
78) Terphenyl-d14	17.01	244	66642	9.21	ng	0.00

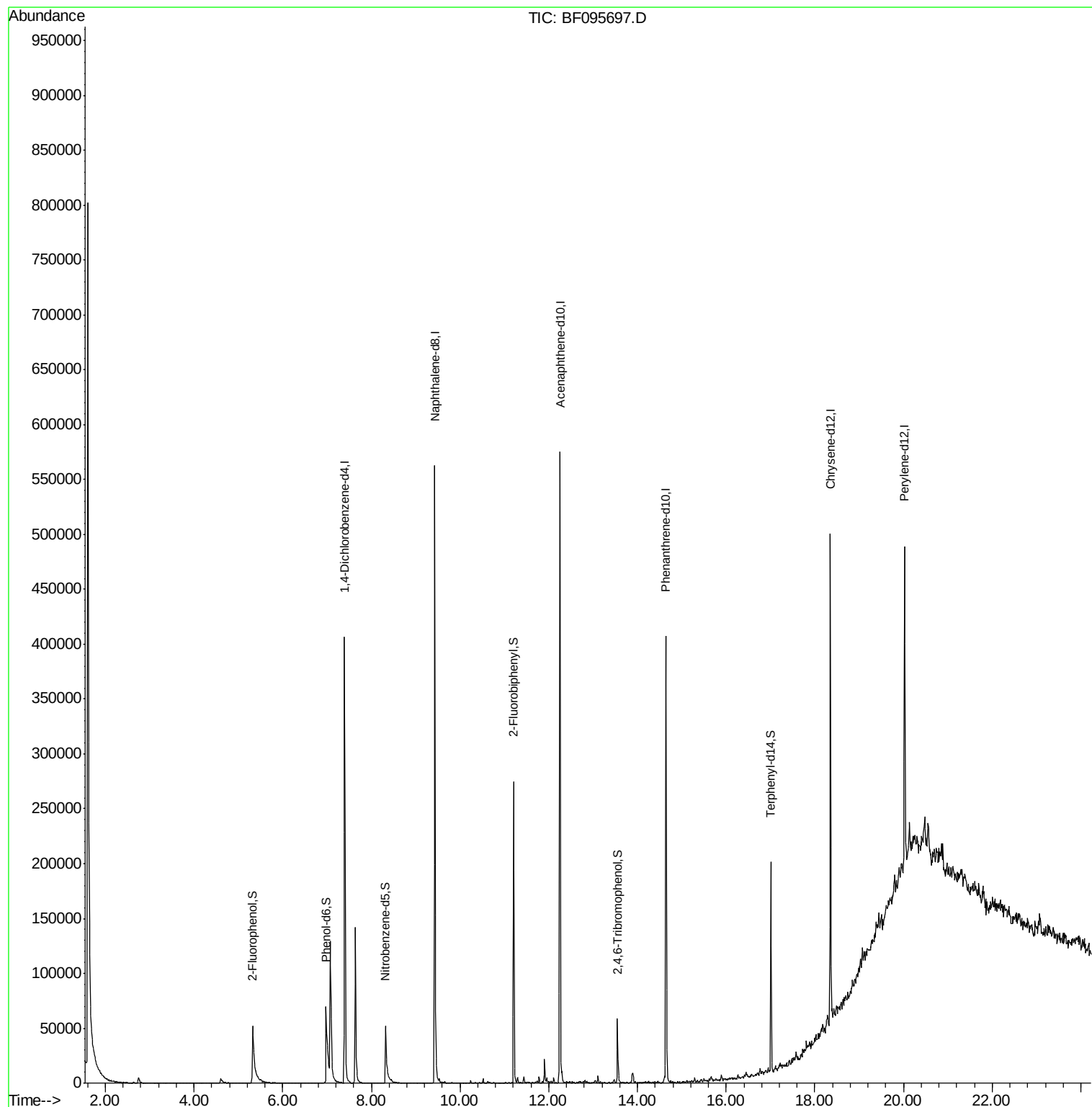
Target Compounds	Qvalue
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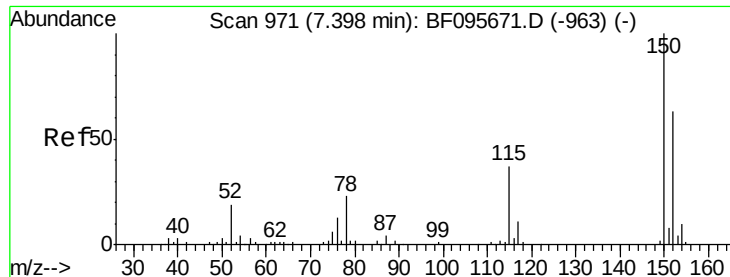
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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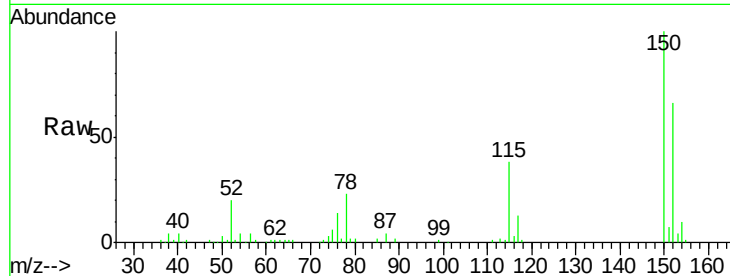


#1

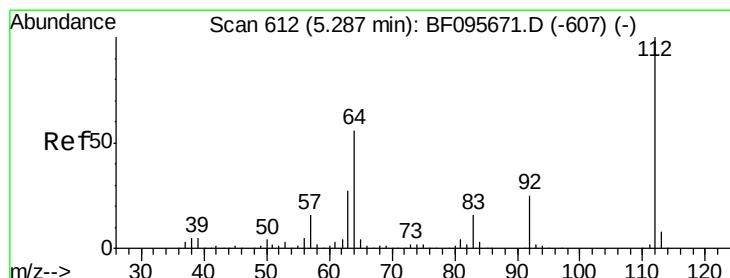
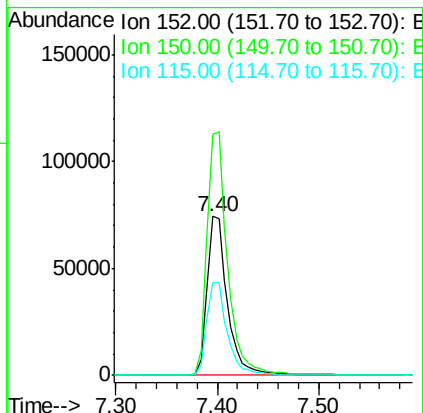
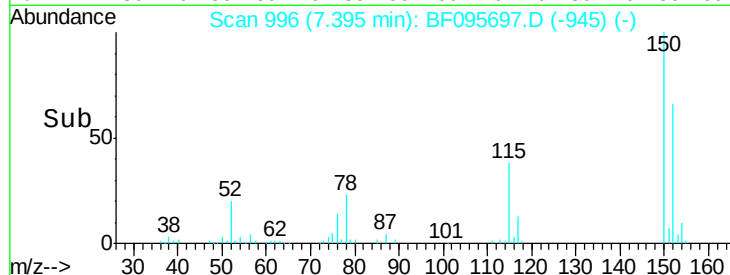
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.40 min Scan# 996
Delta R.T. -0.00 min
Lab File: BF095697.D
Acq: 6 Jun 2017 4:02

Instrument :
BNA_F
ClientSampleId :
BU-RO-286-060117

Tgt Ion:152 Resp: 103287
Ion Ratio Lower Upper
152 100
150 152.4 126.2 189.2
115 58.0 52.2 78.2



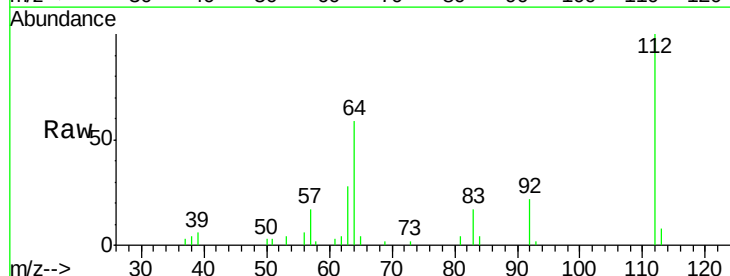
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



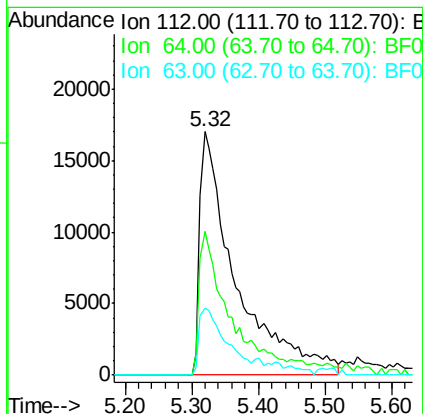
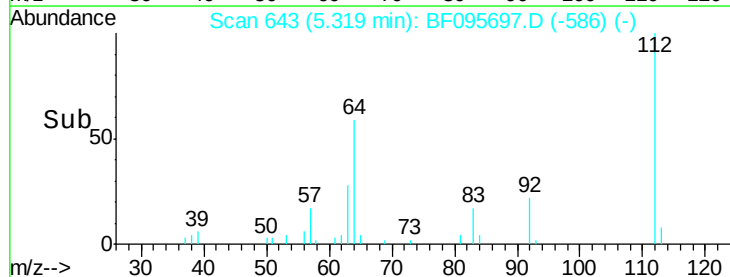
#5

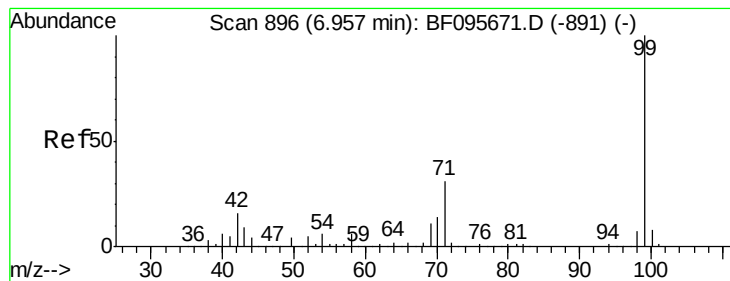
2-Fluorophenol
Concen: 9.810 ng
RT: 5.32 min Scan# 643
Delta R.T. 0.03 min
Lab File: BF095697.D
Acq: 6 Jun 2017 4:02

Tgt Ion:112 Resp: 63590
Ion Ratio Lower Upper
112 100
64 58.9 46.0 69.0
63 27.6 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: 11.286 ng

RT: 6.98 min Scan# 925

Delta R.T. 0.02 min

Lab File: BF095697.D

Acq: 6 Jun 2017 4:02

Instrument :

BNA_F

ClientSampleId :

BU-RO-286-060117

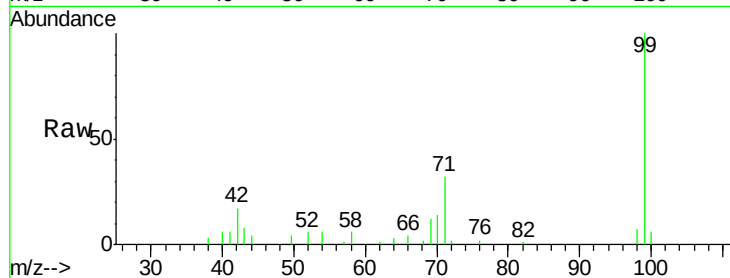
Tgt Ion: 99 Resp: 87576

Ion Ratio Lower Upper

99 100

42 17.2 13.5 20.3

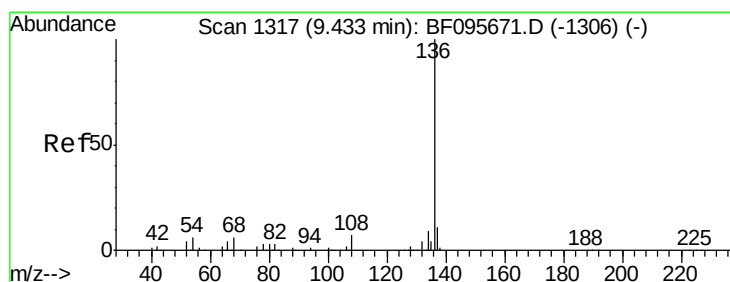
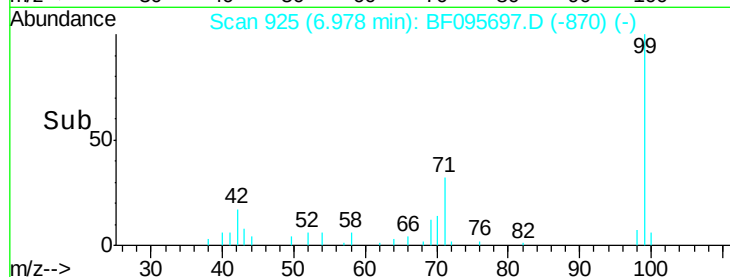
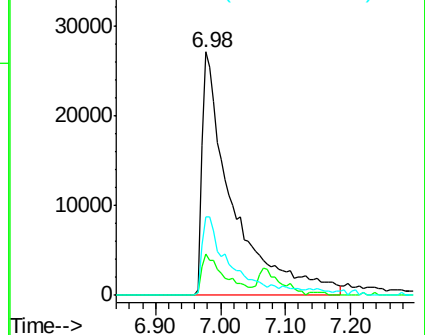
71 32.3 24.5 36.7



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: 20.000 ng

RT: 9.43 min Scan# 1342

Delta R.T. -0.00 min

Lab File: BF095697.D

Acq: 6 Jun 2017 4:02

Tgt Ion: 136 Resp: 371536

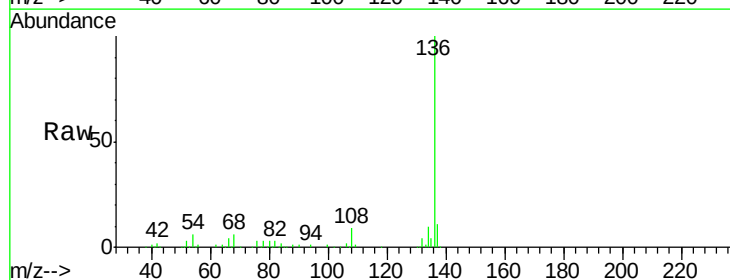
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 6.4 4.9 7.3

68 5.7 4.1 6.1

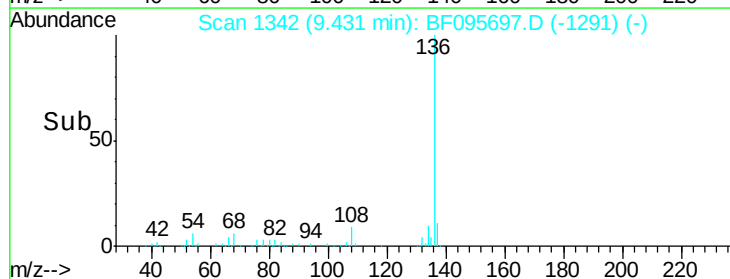
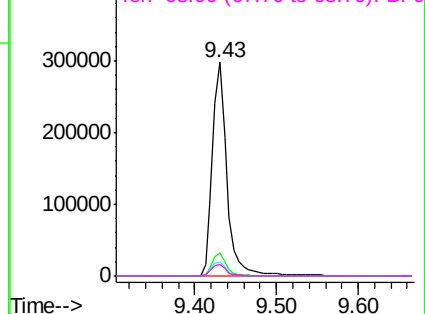


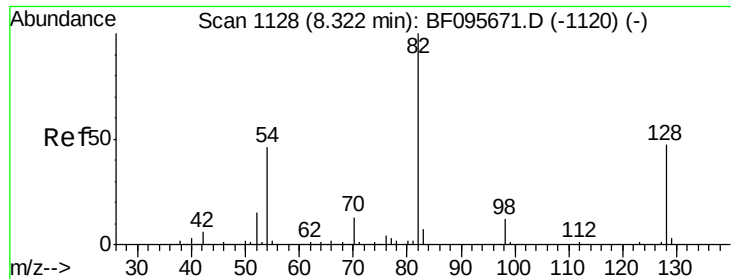
Abundance Ion 136.00 (135.70 to 136.70): E

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

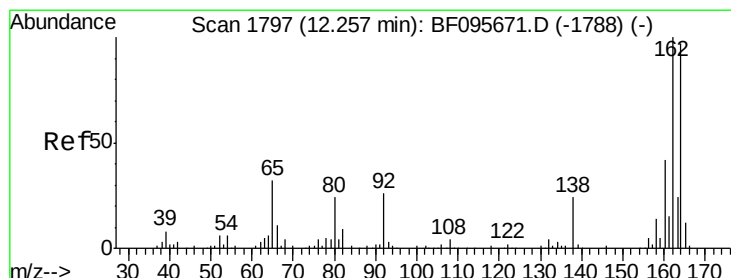
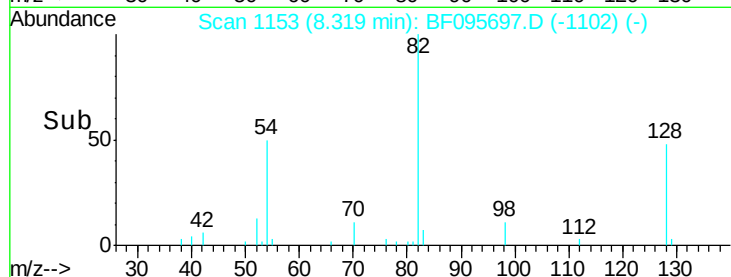
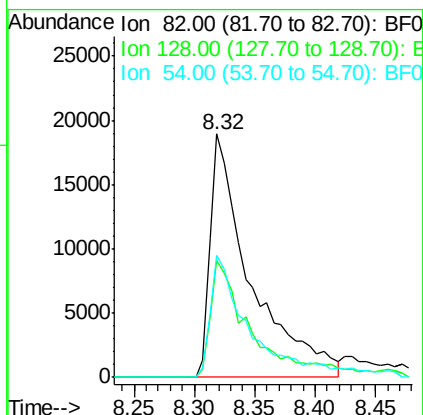
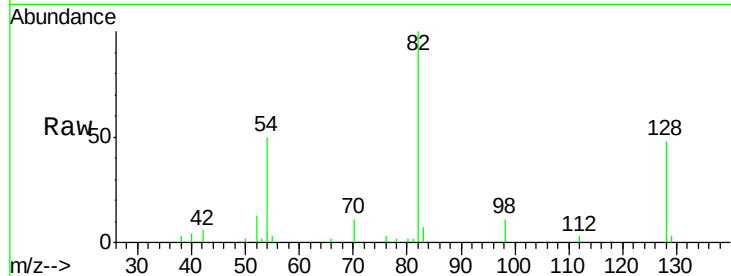




#23
 Nitrobenzene-d5
 Concen: 7.308 ng
 RT: 8.32 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BF095697.D
 Acq: 6 Jun 2017 4:02

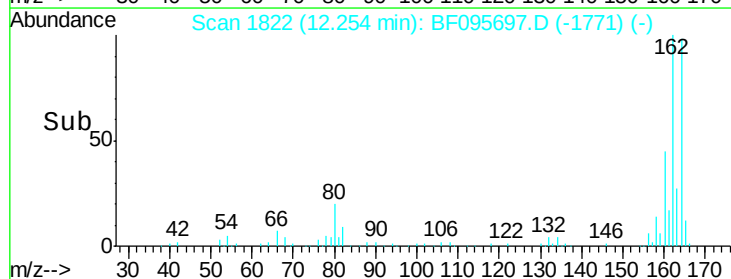
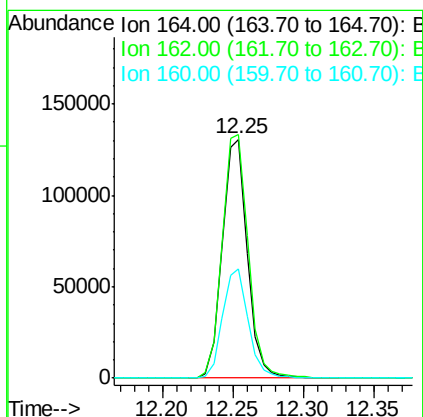
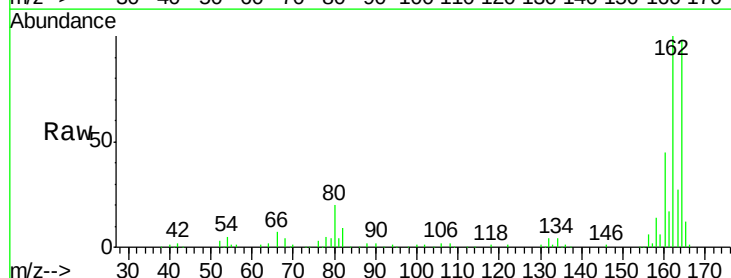
Instrument :
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 ClientSampleId :
 BU-RO-286-060117

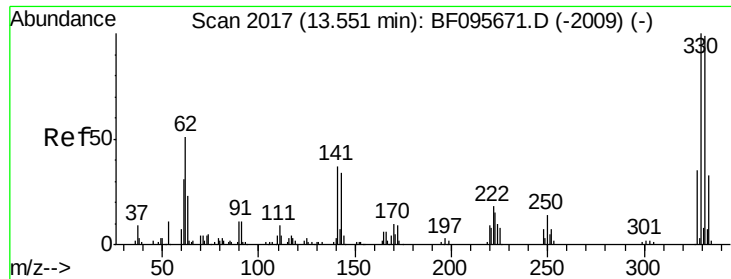
Tgt Ion: 82 Resp: 43719
 Ion Ratio Lower Upper
 82 100
 128 47.8 34.0 51.0
 54 50.3 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 12.25 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: BF095697.D
 Acq: 6 Jun 2017 4:02

Tgt Ion: 164 Resp: 160847
 Ion Ratio Lower Upper
 164 100
 162 102.0 82.6 123.8
 160 45.9 36.2 54.2

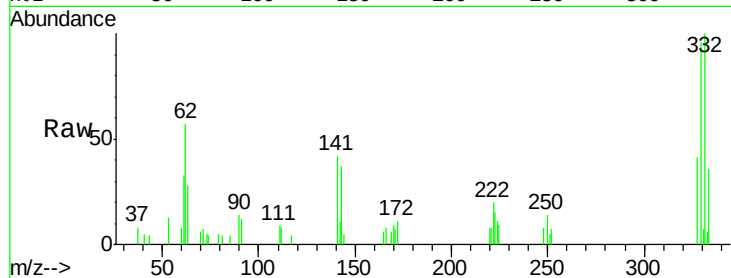




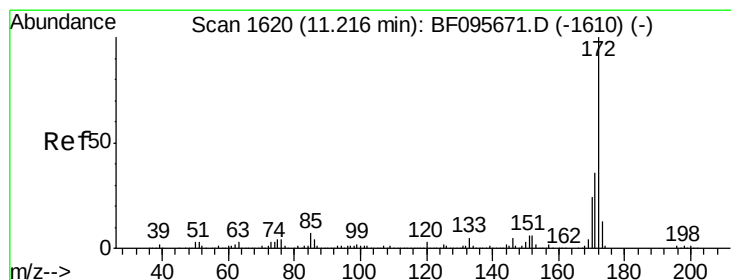
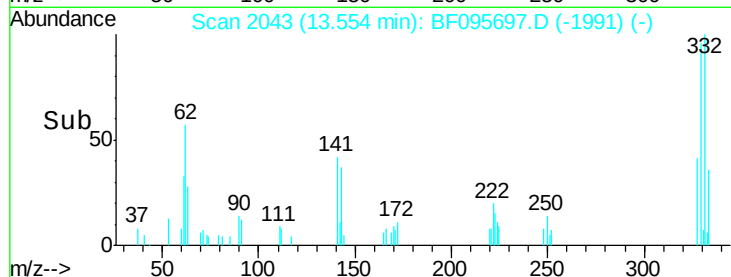
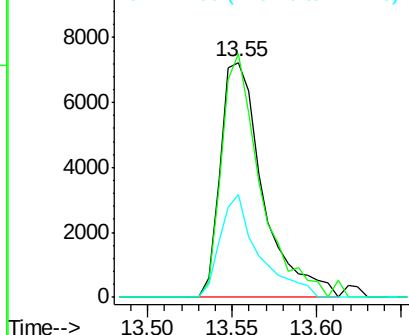
#41
 2,4,6-Tribromophenol
 Concen: 8.923 ng
 RT: 13.55 min Scan# 2043
 Delta R.T. 0.00 min
 Lab File: BF095697.D
 Acq: 6 Jun 2017 4:02

Instrument :
 BNA_F
 ClientSampleId :
 BU-RO-286-060117

Tgt Ion:330 Resp: 12699
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 115.0
 141 39.8 31.4 47.2

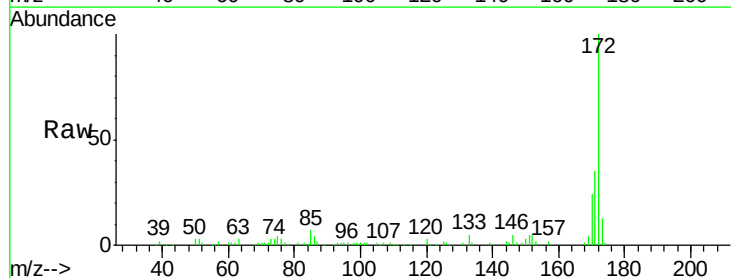


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

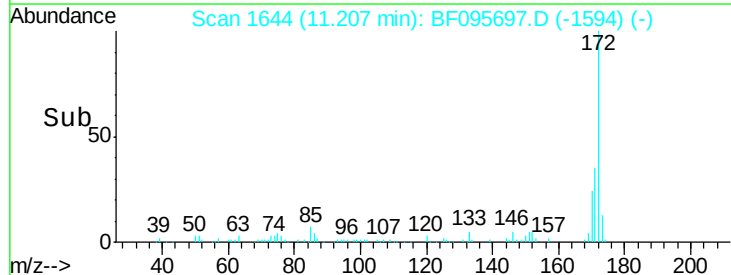
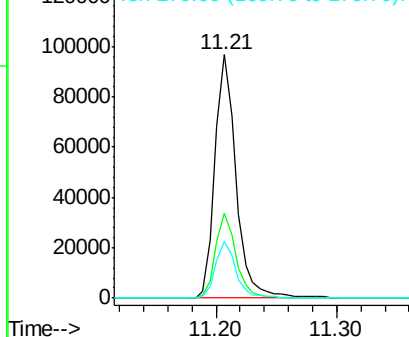


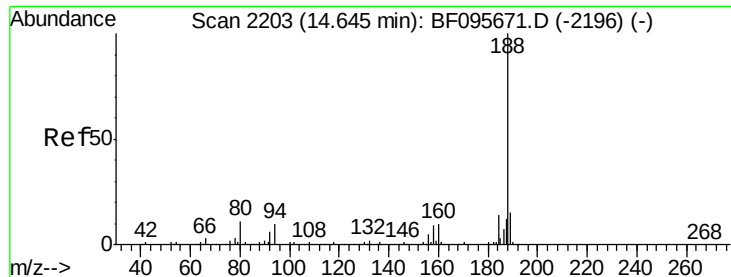
#44
 2-Fluorobiphenyl
 Concen: 10.093 ng
 RT: 11.21 min Scan# 1644
 Delta R.T. -0.01 min
 Lab File: BF095697.D
 Acq: 6 Jun 2017 4:02

Tgt Ion:172 Resp: 116657
 Ion Ratio Lower Upper
 172 100
 171 34.9 29.6 44.4
 170 23.5 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

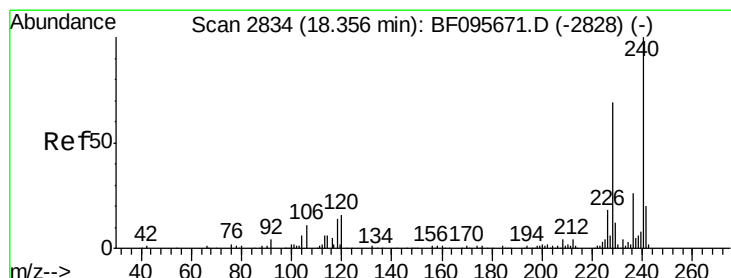
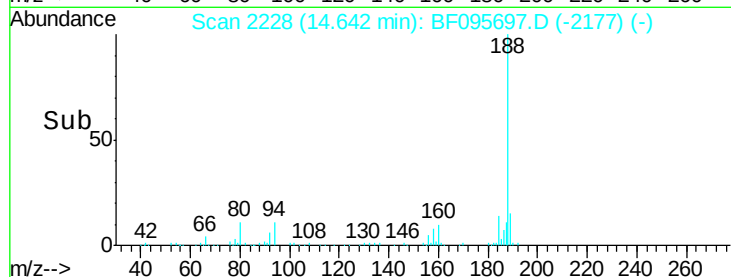
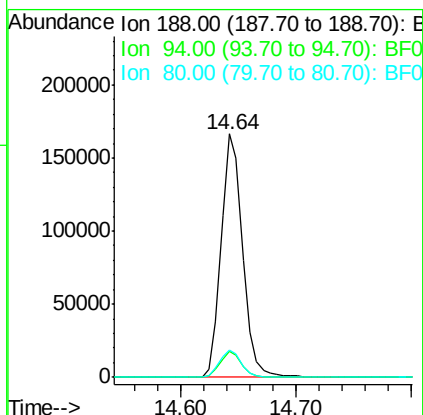
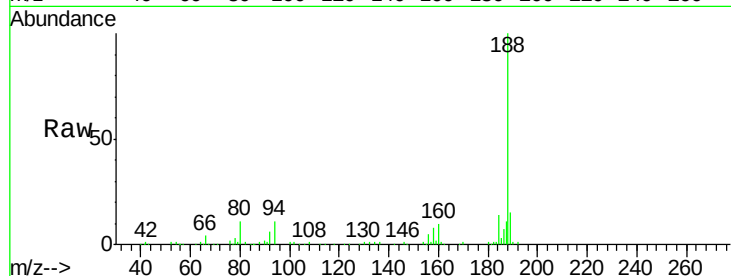




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 2228
Delta R.T. -0.00 min
Lab File: BF095697.D
Acq: 6 Jun 2017 4:02

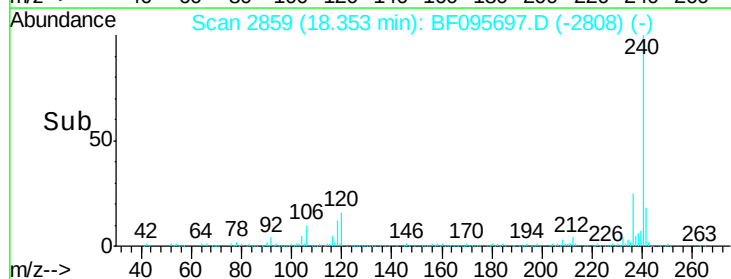
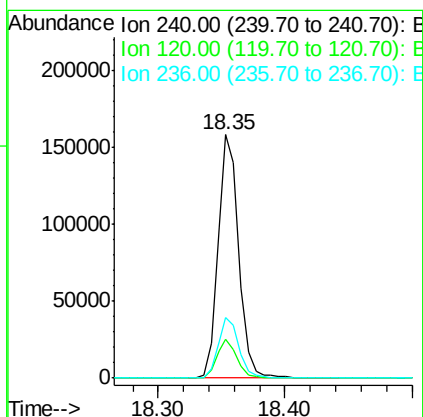
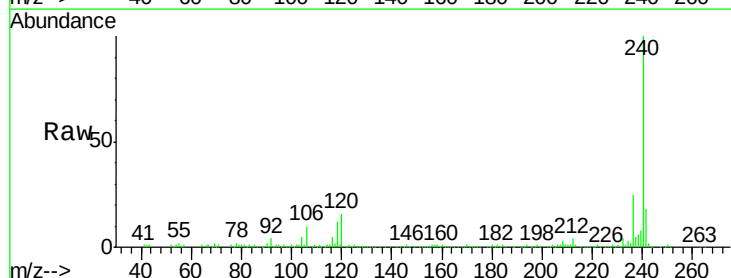
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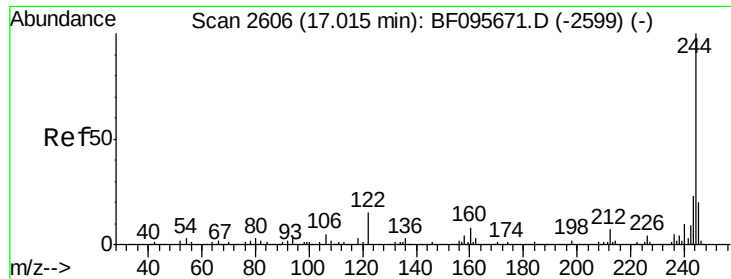
Tgt Ion:188 Resp: 214917
Ion Ratio Lower Upper
188 100
94 10.6 9.4 14.2
80 11.1 10.2 15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 18.35 min Scan# 2859
Delta R.T. -0.00 min
Lab File: BF095697.D
Acq: 6 Jun 2017 4:02

Tgt Ion:240 Resp: 179515
Ion Ratio Lower Upper
240 100
120 15.7 5.8 8.8#
236 24.9 20.5 30.7

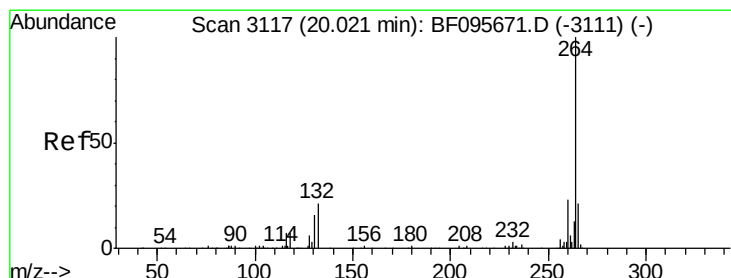
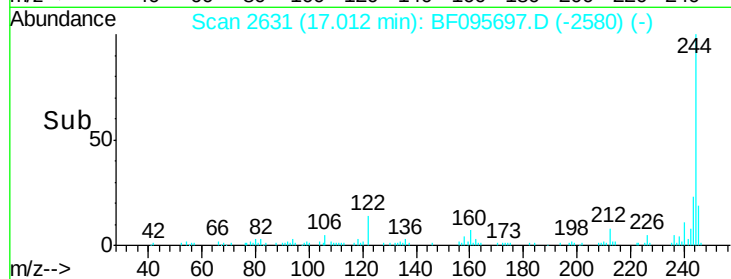
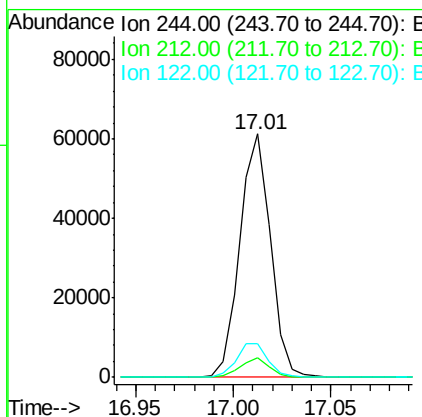
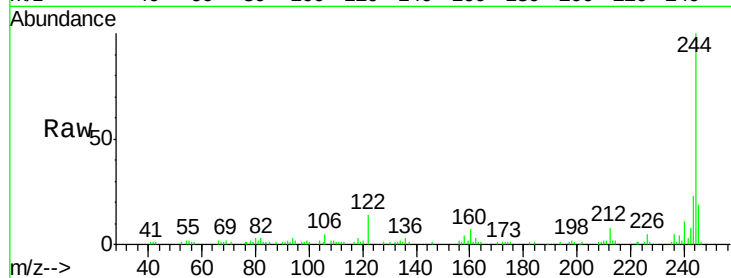




#78
 Terphenyl-d14
 Concen: 9.213 ng
 RT: 17.01 min Scan# 2631
 Delta R.T. -0.00 min
 Lab File: BF095697.D
 Acq: 6 Jun 2017 4:02

Instrument :
 BNA_F
 ClientSampleId :
 BU-RO-286-060117

Tgt Ion: 244 Resp: 66642
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.0 9.0
 122 13.8 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 20.02 min Scan# 3143
 Delta R.T. 0.00 min
 Lab File: BF095697.D
 Acq: 6 Jun 2017 4:02

Tgt Ion: 264 Resp: 122416
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.5 29.3
 265 20.8 17.2 25.8

