

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061217\
 Data File : BF095883.D
 Acq On : 12 Jun 2017 21:12
 Operator : SJ/MA
 Sample : I3594-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-060917-B

Quant Time: Jun 13 06:43:29 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	7.35	152	61614	20.00	ng	-0.05
21) Naphthalene-d8	9.38	136	258424	20.00	ng	-0.05
38) Acenaphthene-d10	12.20	164	122590	20.00	ng	-0.06
63) Phenanthrene-d10	14.60	188	240072	20.00	ng	-0.05
75) Chrysene-d12	18.32	240	199117	20.00	ng	-0.04
86) Perylene-d12	19.99	264	132040	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	559122	144.60	ng	-0.02
7) Phenol-d6	6.92	99	631076	136.33	ng	-0.04
23) Nitrobenzene-d5	8.27	82	426541	102.51	ng	-0.05
41) 2,4,6-Tribromophenol	13.50	330	174485	160.87	ng	-0.05
44) 2-Fluorobiphenyl	11.16	172	866171	98.32	ng	-0.05
78) Terphenyl-d14	16.98	244	815474	101.64	ng	-0.04

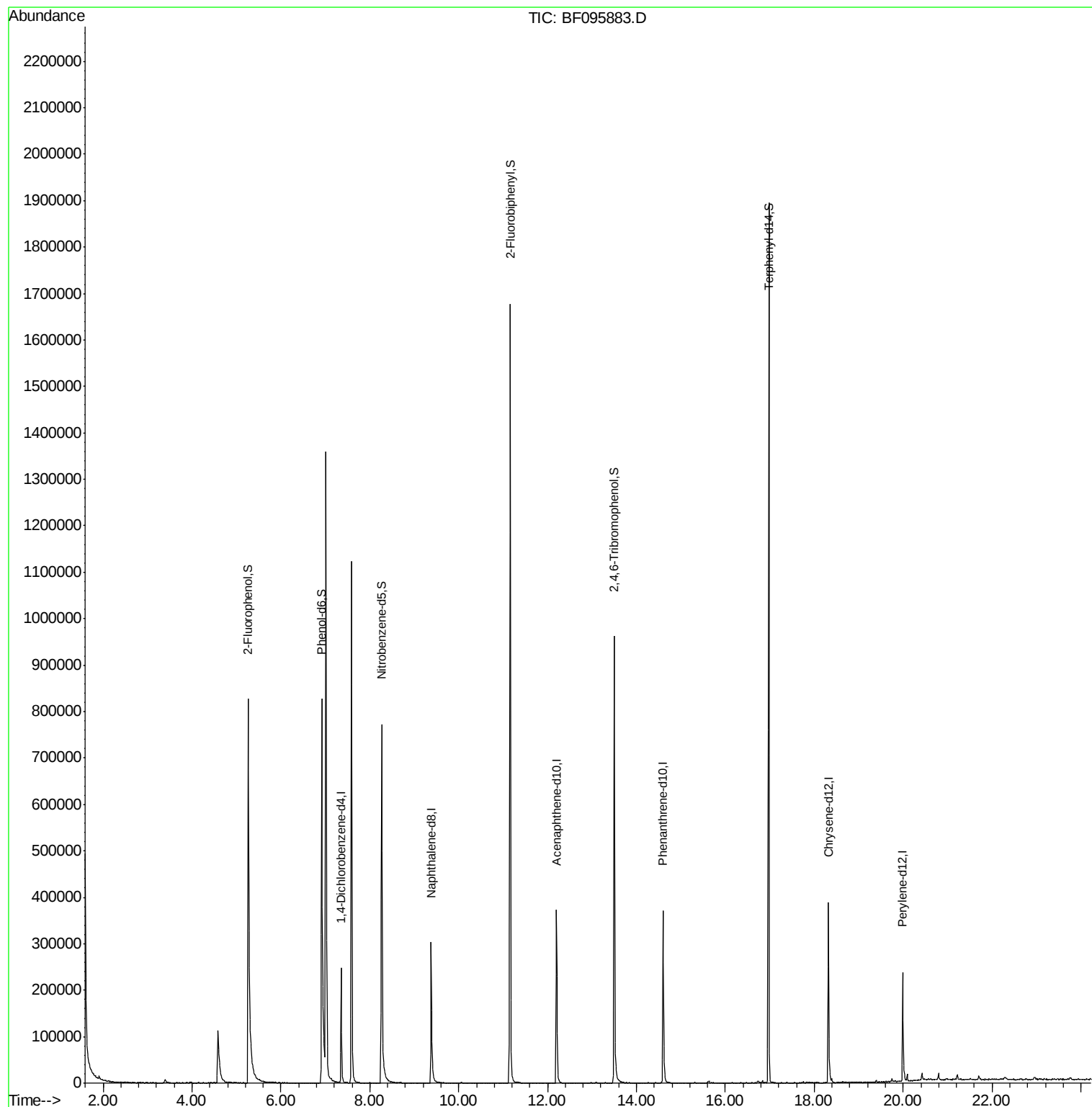
Target Compounds	Qvalue
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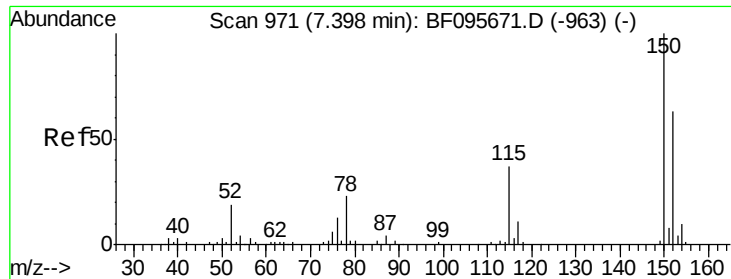
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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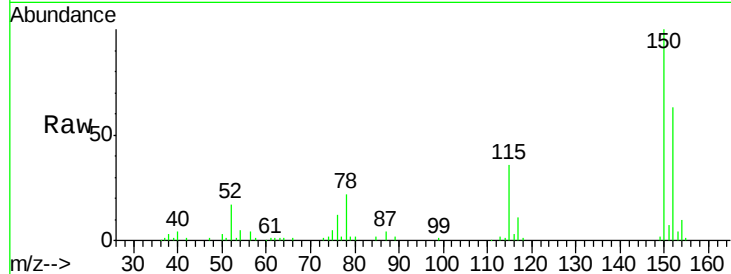


#1

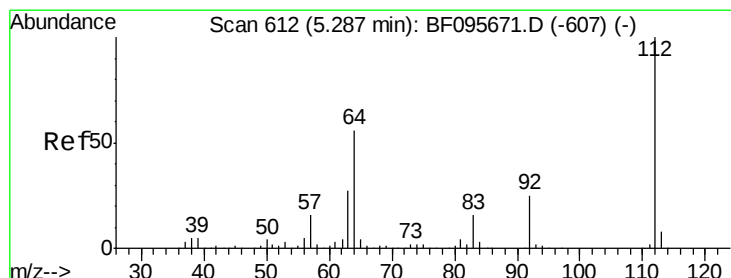
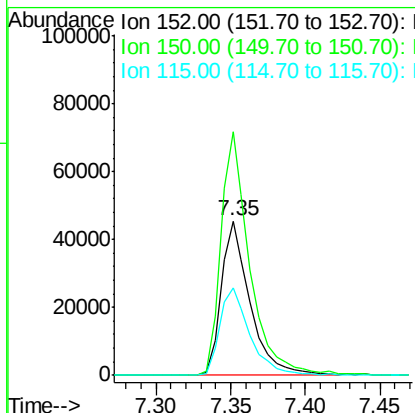
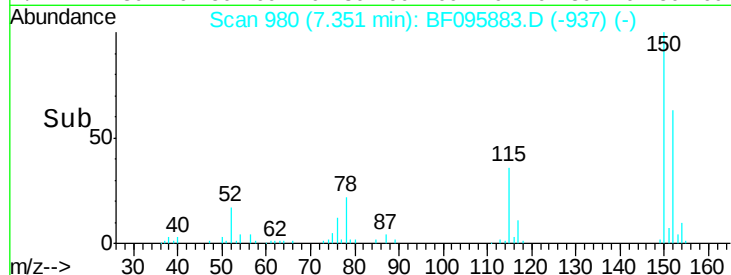
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.35 min Scan# 980
Delta R.T. -0.05 min
Lab File: BF095883.D
Acq: 12 Jun 2017 21:12

Instrument :
BNA_F
ClientSampleId :
EO-01-060917-B

Tgt Ion:152 Resp: 61614
Ion Ratio Lower Upper
152 100
150 157.9 126.2 189.2
115 56.8 52.2 78.2



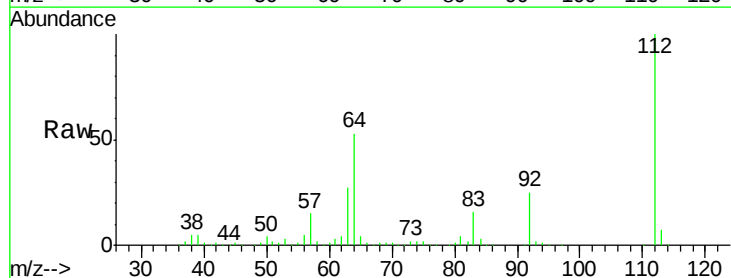
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



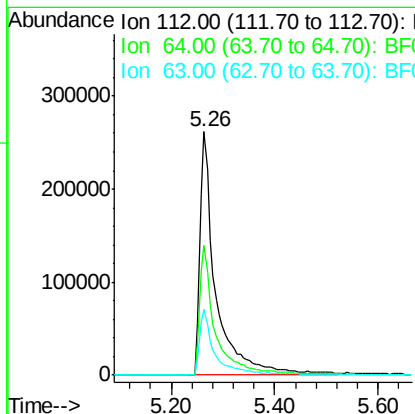
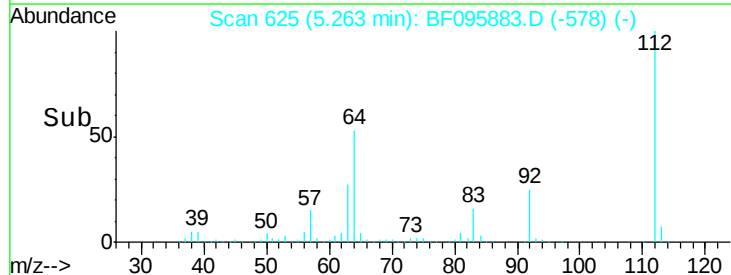
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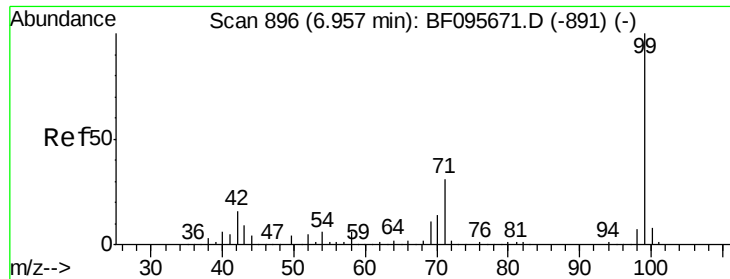
2-Fluorophenol
Concen: 144.599 ng
RT: 5.26 min Scan# 625
Delta R.T. -0.02 min
Lab File: BF095883.D
Acq: 12 Jun 2017 21:12

Tgt Ion:112 Resp: 559122
Ion Ratio Lower Upper
112 100
64 53.4 46.0 69.0
63 26.9 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: 136.328 ng

RT: 6.92 min Scan# 906

Delta R.T. -0.04 min

Lab File: BF095883.D

Acq: 12 Jun 2017 21:12

Instrument :

BNA_F

ClientSampleId :

EO-01-060917-B

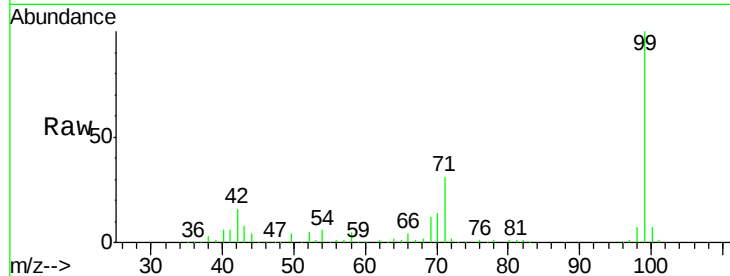
Tgt Ion: 99 Resp: 631076

Ion Ratio Lower Upper

99 100

42 16.0 13.5 20.3

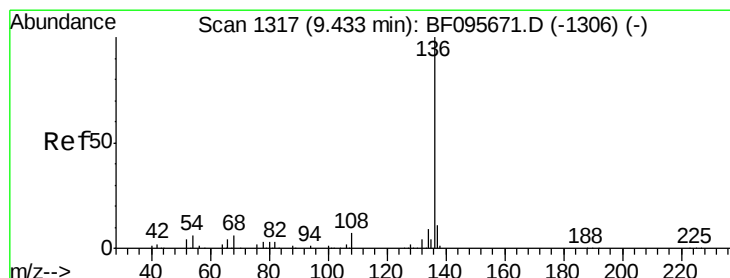
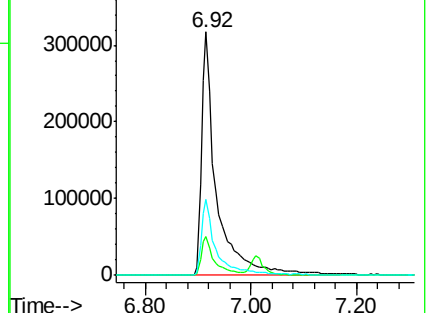
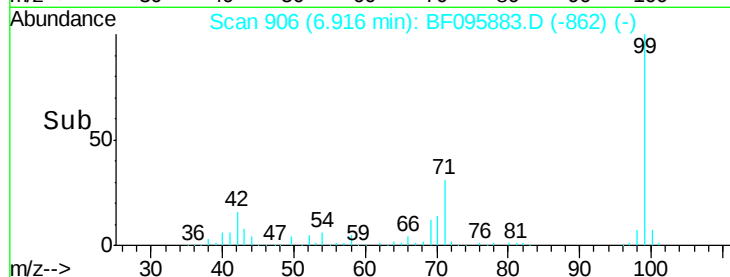
71 31.2 24.5 36.7



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: 9.38 min Scan# 1325

Delta R.T. -0.05 min

Lab File: BF095883.D

Acq: 12 Jun 2017 21:12

Tgt Ion: 136 Resp: 258424

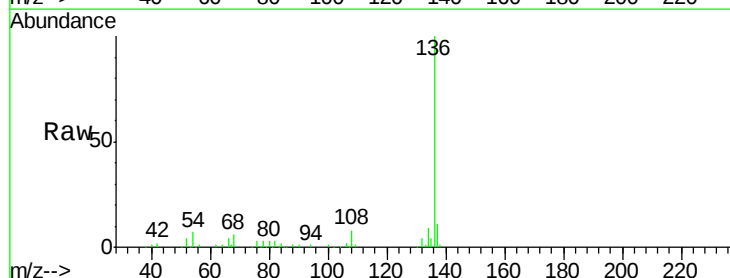
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 6.5 4.9 7.3

68 6.0 4.1 6.1

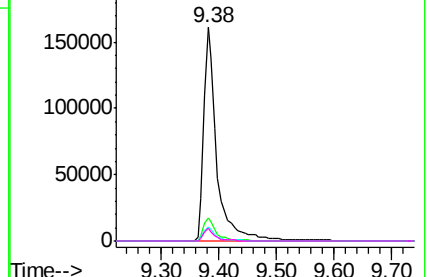
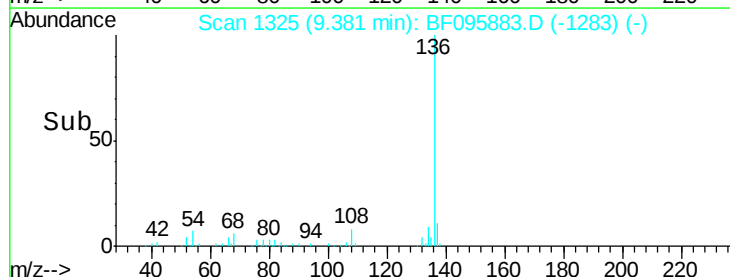


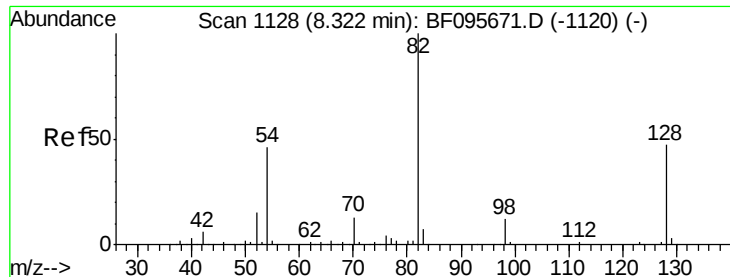
Abundance Ion 136.00 (135.70 to 136.70): E

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

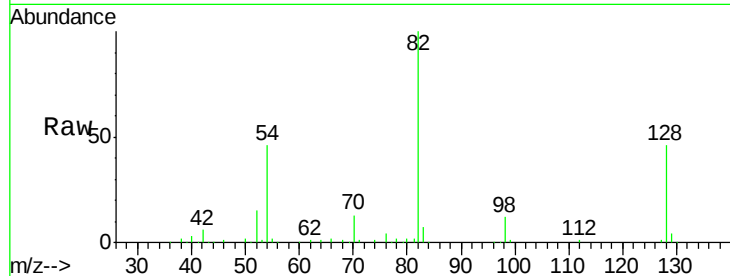




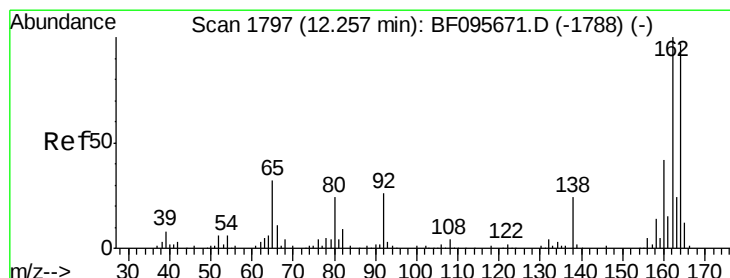
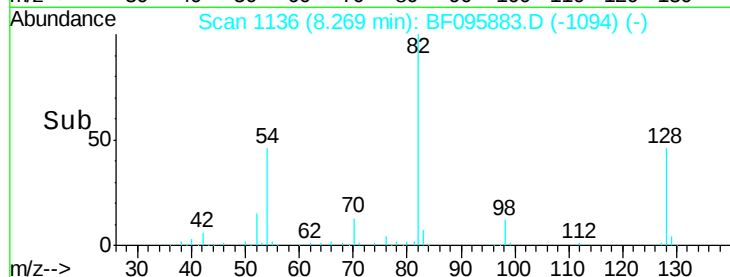
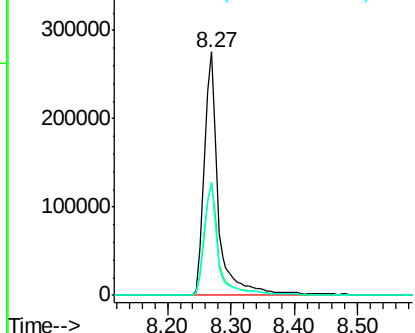
#23
 Nitrobenzene-d5
 Concen: 102.507 ng
 RT: 8.27 min Scan# 1136
 Delta R.T. -0.05 min
 Lab File: BF095883.D
 Acq: 12 Jun 2017 21:12

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-060917-B

Tgt Ion: 82 Resp: 426541
 Ion Ratio Lower Upper
 82 100
 128 46.2 34.0 51.0
 54 46.3 42.2 63.2

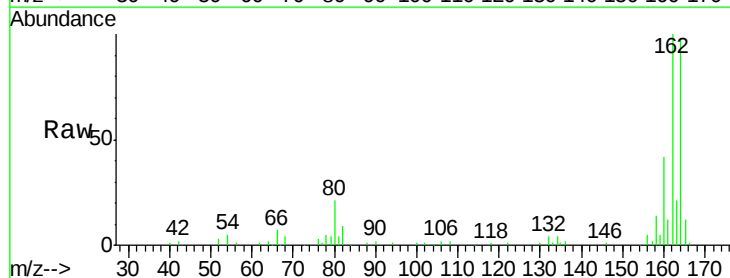


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

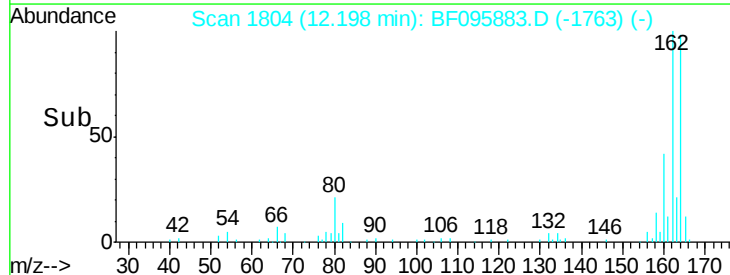
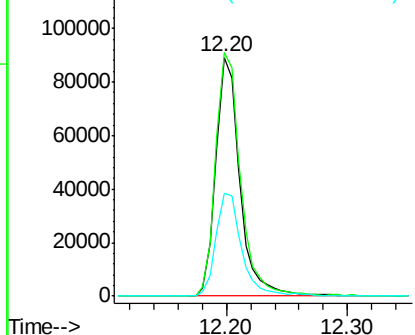


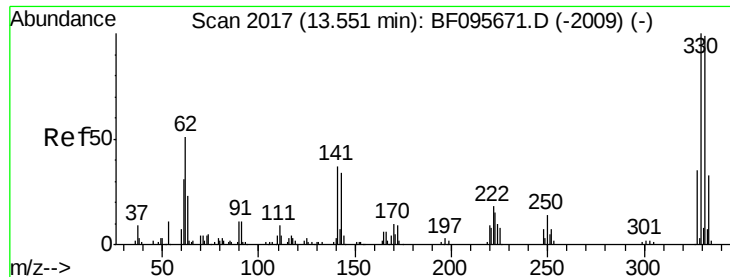
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 12.20 min Scan# 1804
 Delta R.T. -0.06 min
 Lab File: BF095883.D
 Acq: 12 Jun 2017 21:12

Tgt Ion: 164 Resp: 122590
 Ion Ratio Lower Upper
 164 100
 162 102.1 82.6 123.8
 160 43.2 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

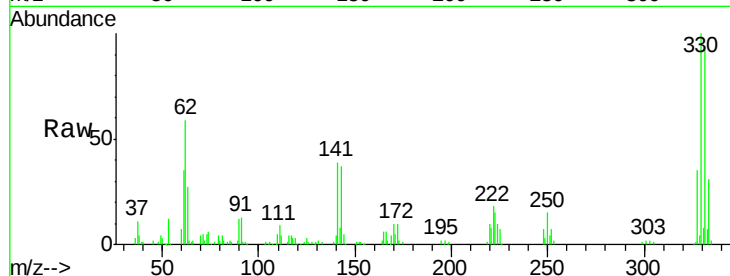




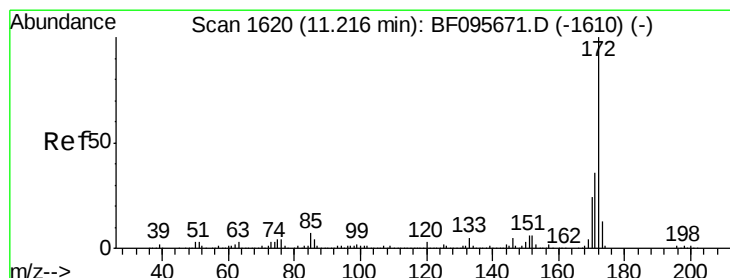
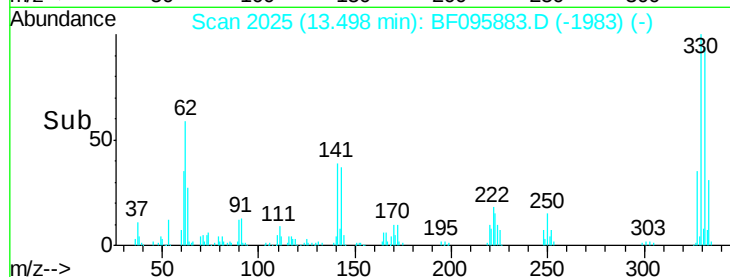
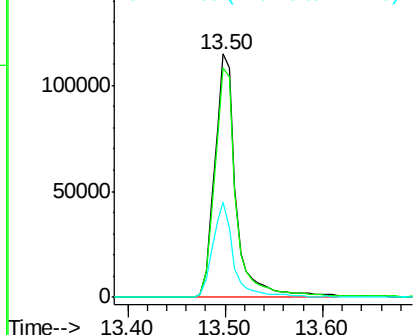
#41
 2,4,6-Tribromophenol
 Concen: 160.870 ng
 RT: 13.50 min Scan# 2025
 Delta R.T. -0.05 min
 Lab File: BF095883.D
 Acq: 12 Jun 2017 21:12

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-060917-B

Tgt Ion: 330 Resp: 174485
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 115.0
 141 37.8 31.4 47.2

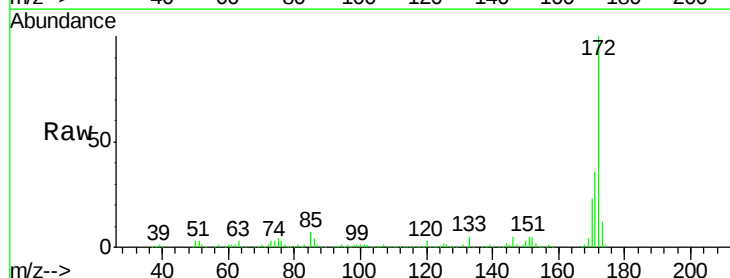


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

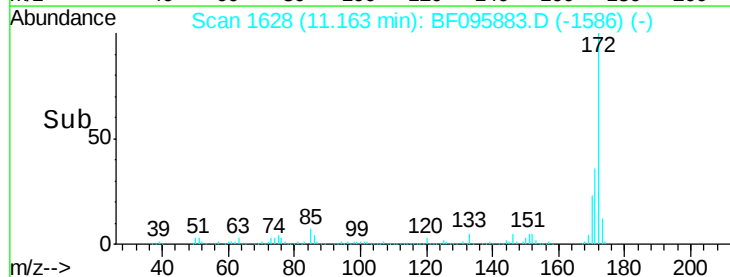
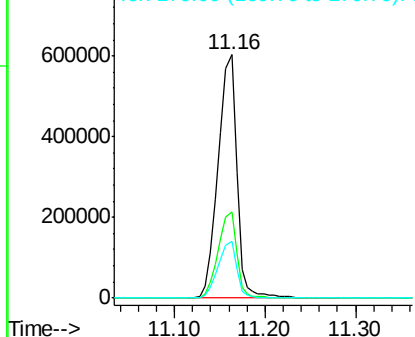


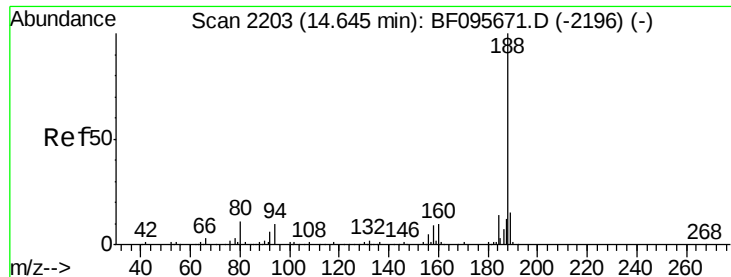
#44
 2-Fluorobiphenyl
 Concen: 98.323 ng
 RT: 11.16 min Scan# 1628
 Delta R.T. -0.05 min
 Lab File: BF095883.D
 Acq: 12 Jun 2017 21:12

Tgt Ion: 172 Resp: 866171
 Ion Ratio Lower Upper
 172 100
 171 35.6 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

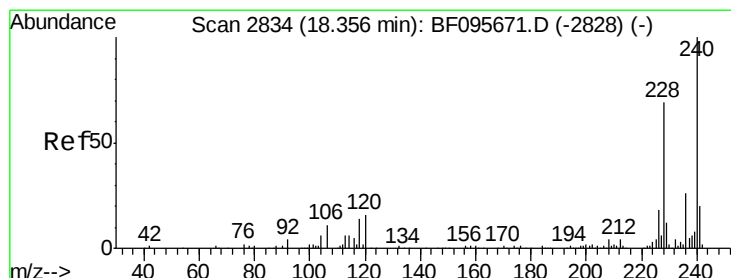
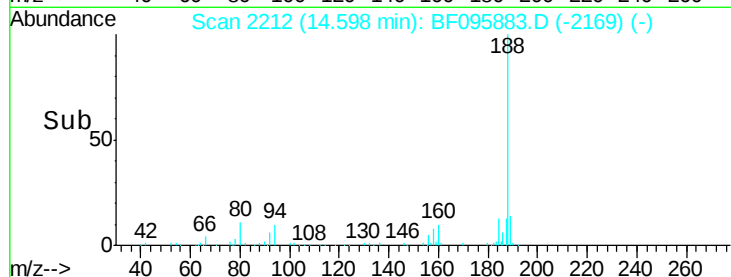
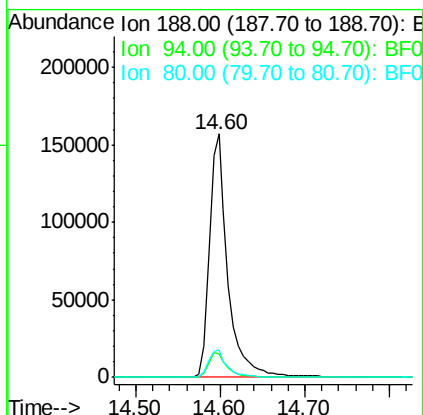
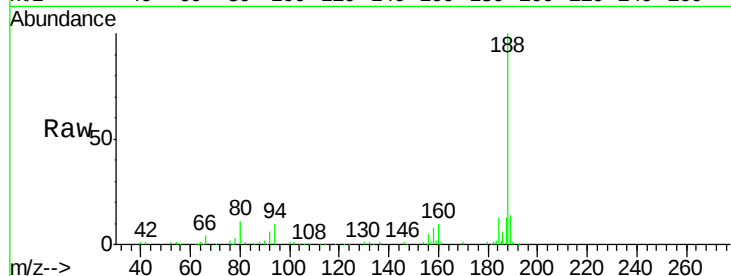




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 14.60 min Scan# 2212
Delta R.T. -0.05 min
Lab File: BF095883.D
Acq: 12 Jun 2017 21:12

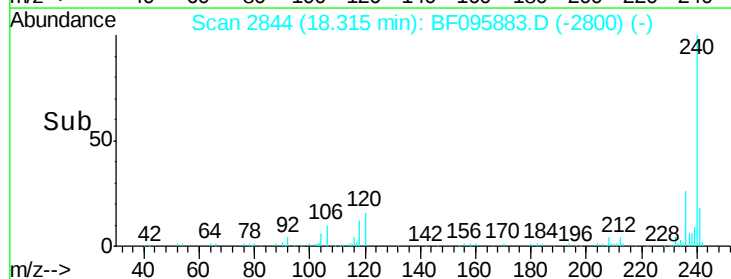
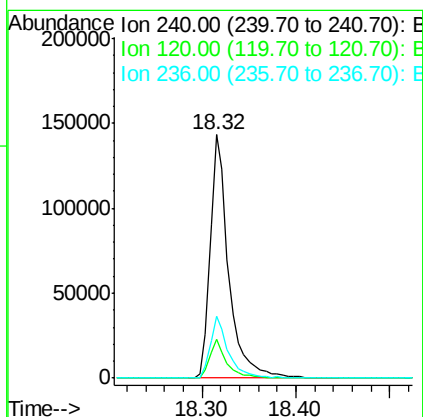
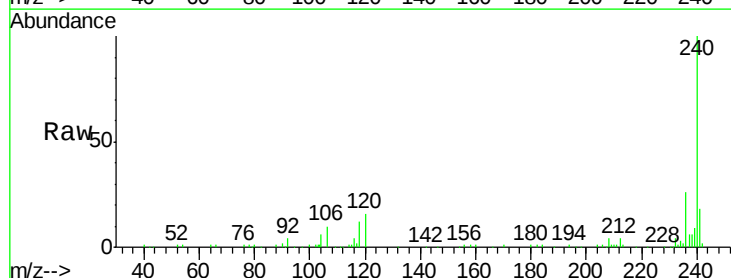
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EO-01-060917-B

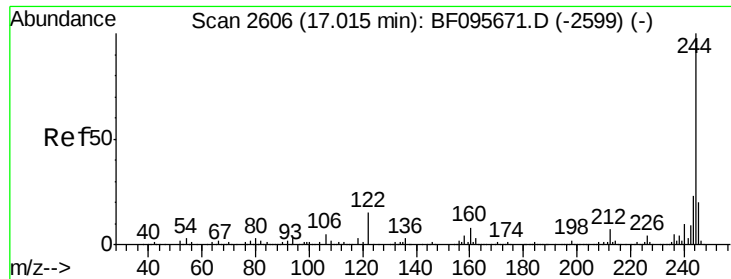
Tgt Ion:188 Resp: 240072
Ion Ratio Lower Upper
188 100
94 9.6 9.4 14.2
80 11.3 10.2 15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 18.32 min Scan# 2844
Delta R.T. -0.04 min
Lab File: BF095883.D
Acq: 12 Jun 2017 21:12

Tgt Ion:240 Resp: 199117
Ion Ratio Lower Upper
240 100
120 15.7 5.8 8.8#
236 25.6 20.5 30.7

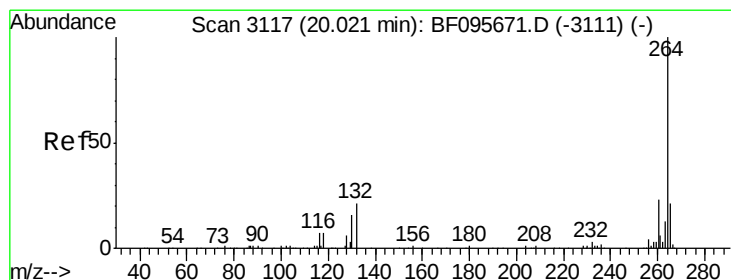
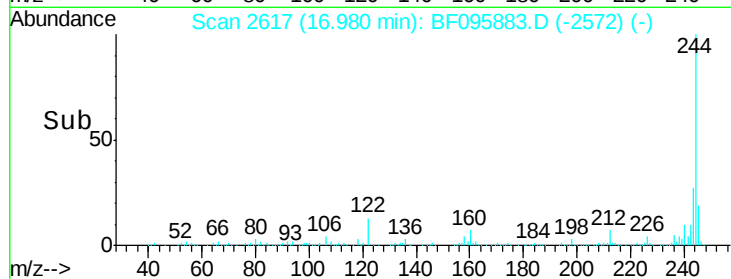
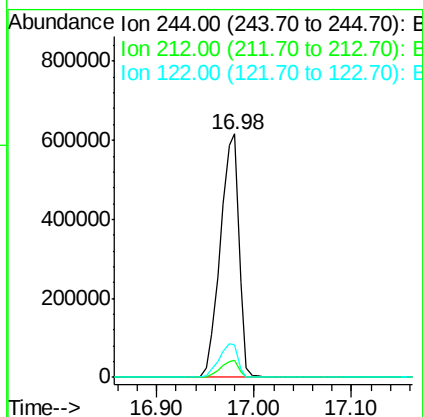
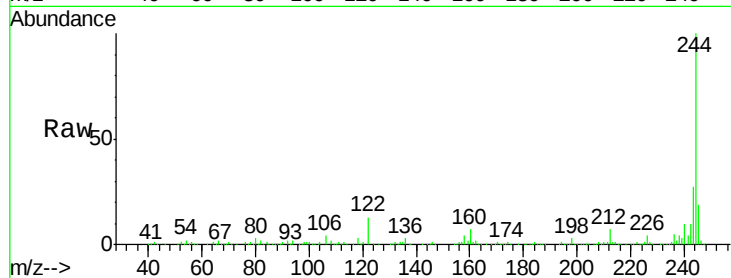




#78
 Terphenyl-d14
 Concen: 101.638 ng
 RT: 16.98 min Scan# 2617
 Delta R.T. -0.04 min
 Lab File: BF095883.D
 Acq: 12 Jun 2017 21:12

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-060917-B

Tgt Ion:244 Resp: 815474
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 13.5 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 19.99 min Scan# 3128
 Delta R.T. -0.04 min
 Lab File: BF095883.D
 Acq: 12 Jun 2017 21:12

Tgt Ion:264 Resp: 132040
 Ion Ratio Lower Upper
 264 100
 260 22.2 19.5 29.3
 265 21.4 17.2 25.8

