

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070919\
 Data File : BF115449.D
 Acq On : 9 Jul 2019 22:31
 Operator : HP/JU
 Sample : K3693-01 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200028

Quant Time: Jul 10 08:54:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:29:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	166842	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	658334	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	339697	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	615577	20.00	ng	0.00
76) Chrysene-d12	14.12	240	385076	20.00	ng	-0.09
87) Perylene-d12	15.72	264	450471	20.00	ng	-0.16
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	129478	11.99	ng	-0.01
7) Phenol-d6	6.51	99	184171	13.41	ng	-0.02
23) Nitrobenzene-d5	7.45	82	104053	9.34	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	40034	10.66	ng	-0.01
45) 2-Fluorobiphenyl	9.25	172	232650	12.02	ng	-0.01
79) Terphenyl-d14	13.00	244	209301	11.13	ng	-0.04

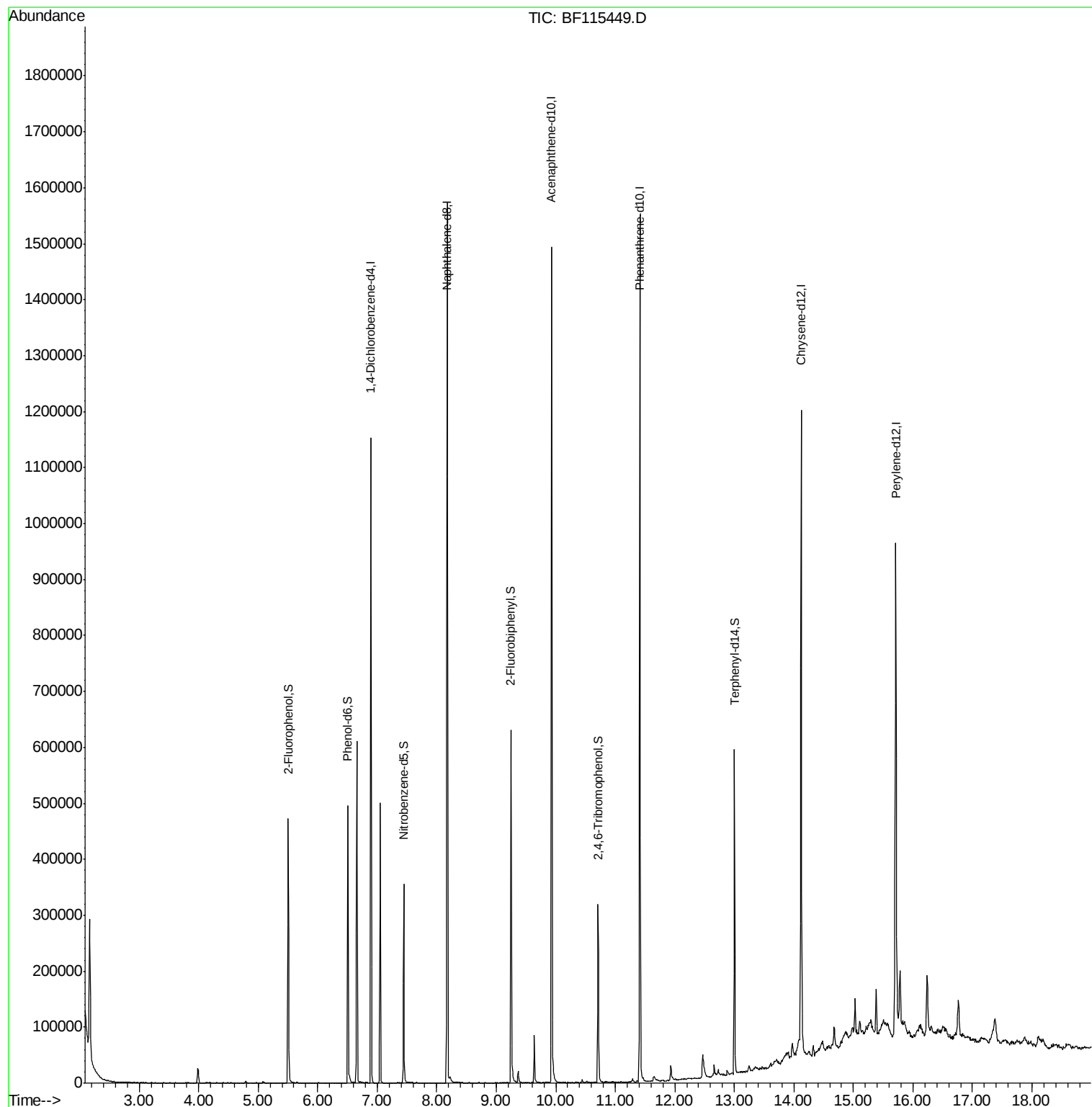
Target Compounds Qvalue

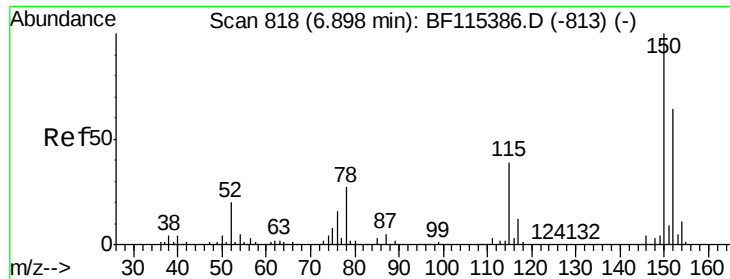
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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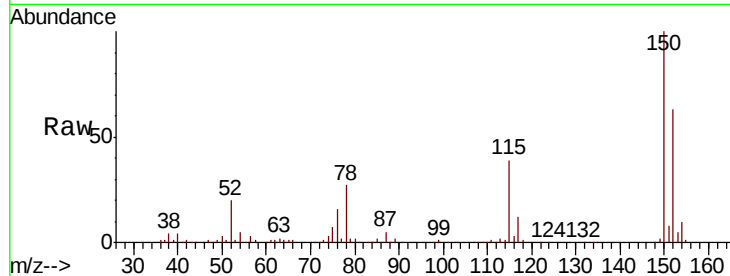




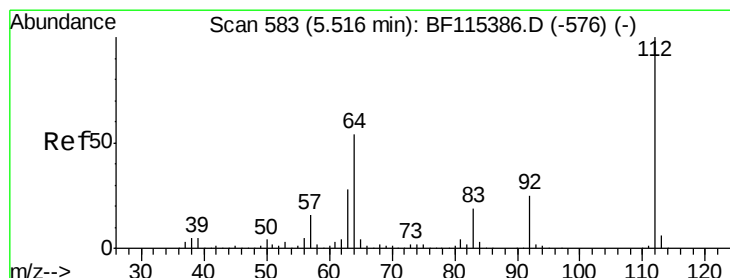
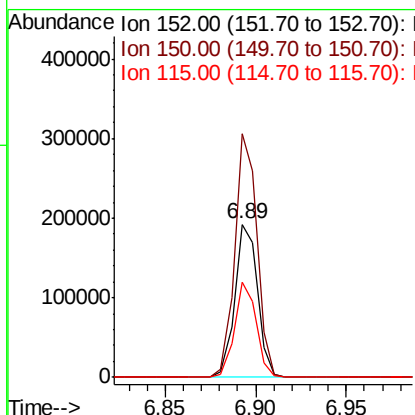
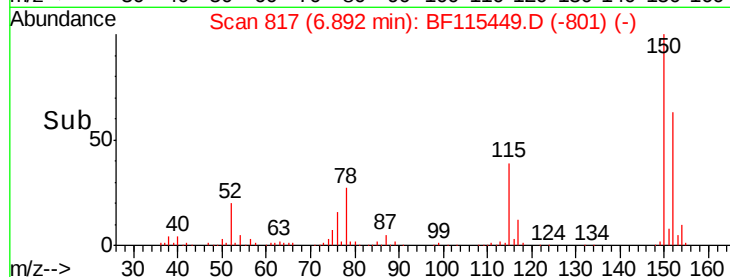
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF115449.D
 Acq: 9 Jul 2019 22:31

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200028

Tot Ion:152 Resp: 166842
 Ion Ratio Lower Upper
 152 100
 150 159.4 126.5 189.7
 115 62.2 48.6 73.0

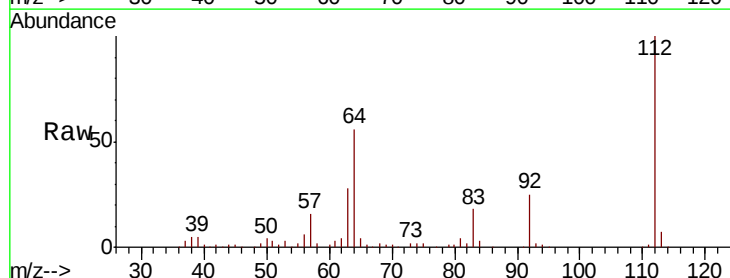


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

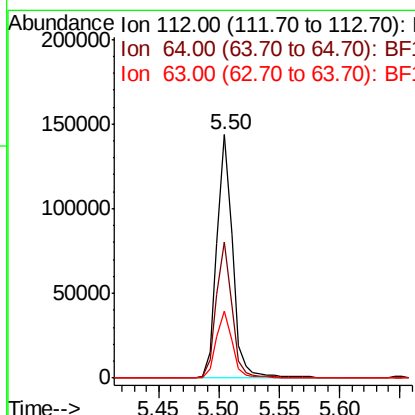
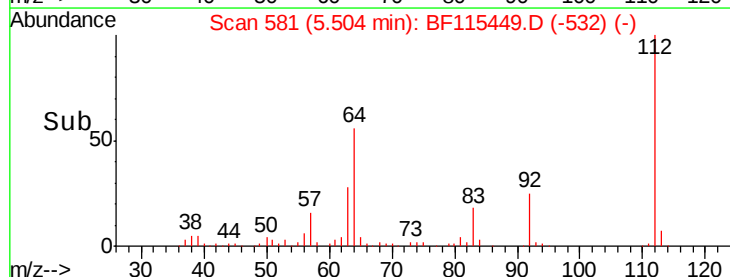


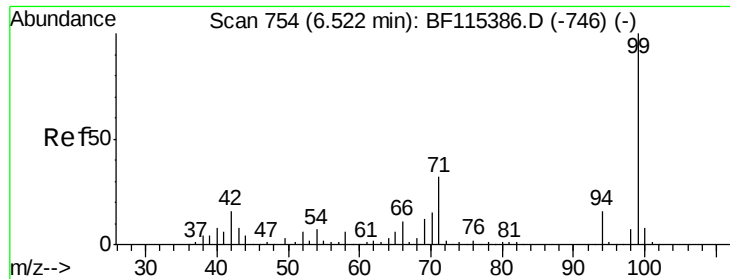
#5
 2-Fluorophenol
 Concen: 11.990 ng
 RT: 5.50 min Scan# 581
 Delta R.T. -0.01 min
 Lab File: BF115449.D
 Acq: 9 Jul 2019 22:31

Tgt Ion:112 Resp: 129478
 Ion Ratio Lower Upper
 112 100
 64 55.8 47.0 70.4
 63 27.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 13.410 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.02 min

Lab File: BF115449.D

Acq: 9 Jul 2019 22:31

Instrument :

BNA_F

ClientSampleId :

RBR-200028

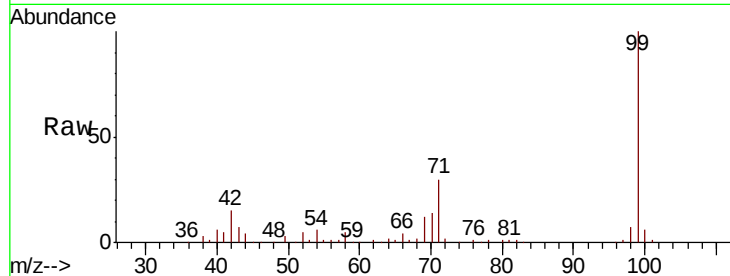
Tot Ion: 99 Resp: 184171

Ion Ratio Lower Upper

99 100

42 14.6 12.7 19.1

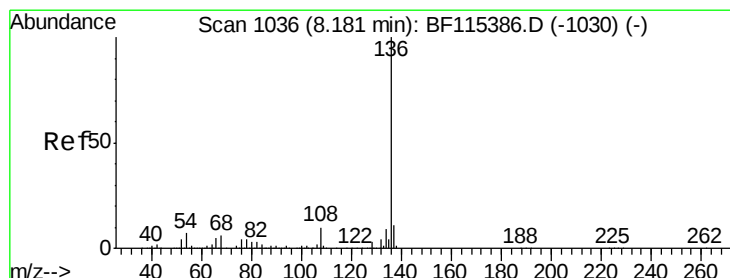
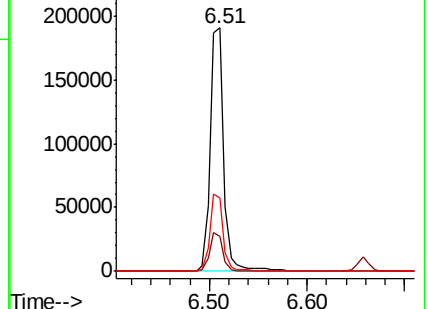
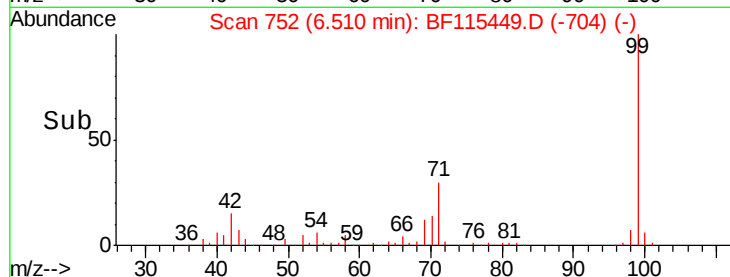
71 30.4 26.2 39.2



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF115449.D

Acq: 9 Jul 2019 22:31

Tgt Ion: 136 Resp: 658334

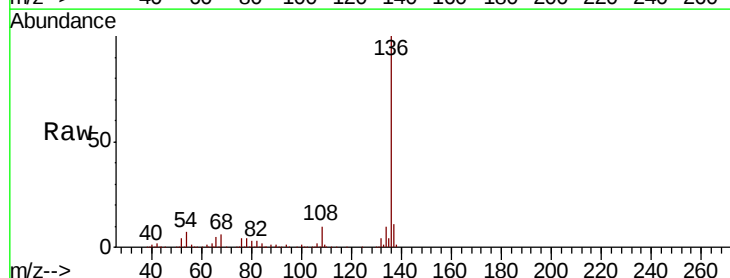
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 7.3 5.5 8.3

68 6.5 5.1 7.7

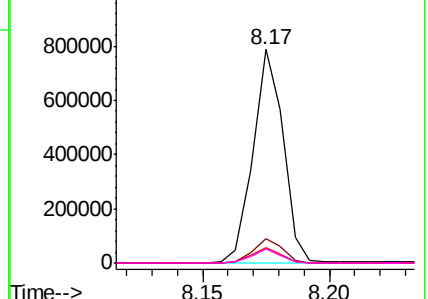
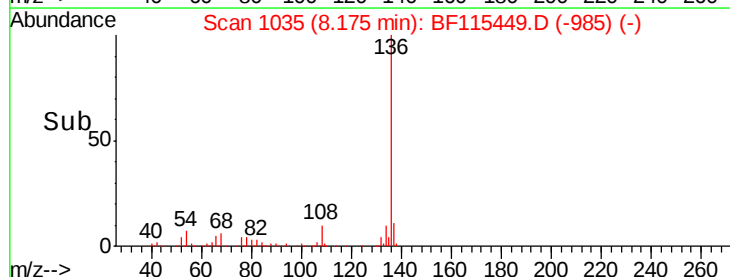


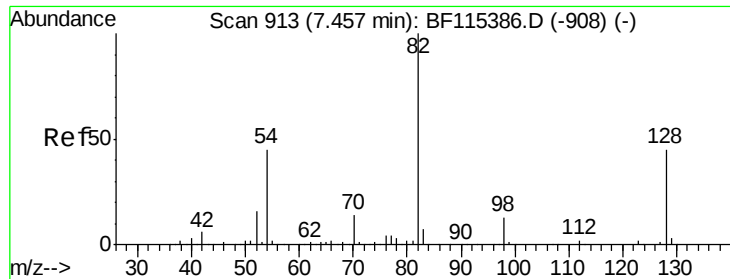
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

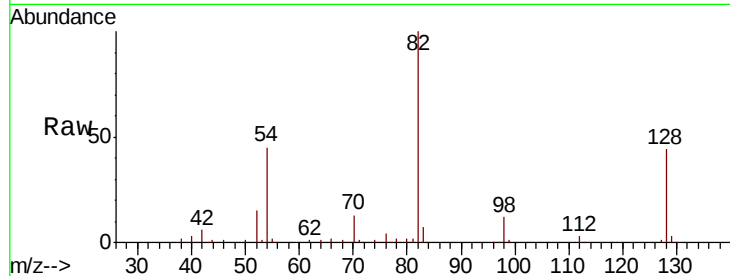




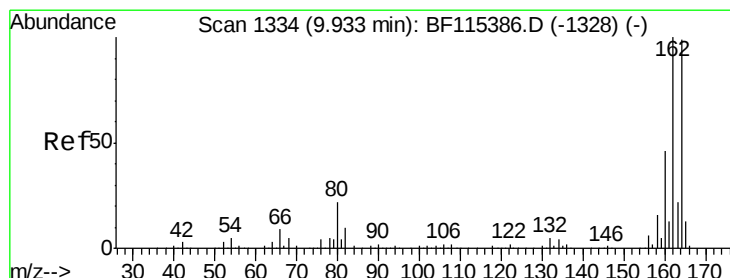
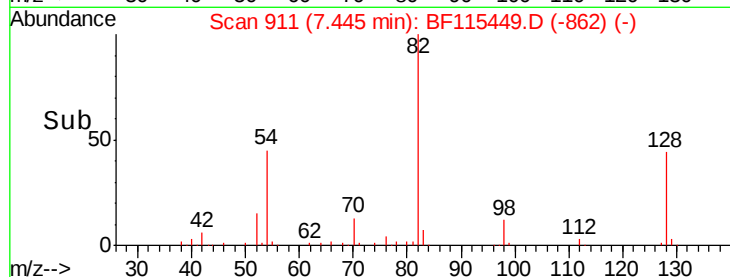
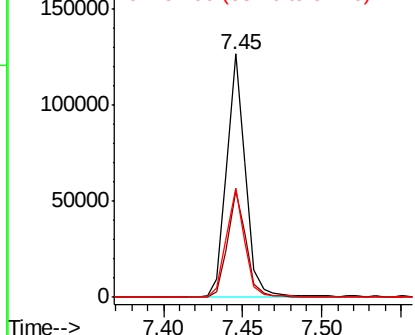
#23
 Nitrobenzene-d5
 Concen: 9.338 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF115449.D
 Acq: 9 Jul 2019 22:31

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200028

Tot Ion: 82 Resp: 104053
 Ion Ratio Lower Upper
 82 100
 128 43.9 36.2 54.4
 54 45.0 35.4 53.0

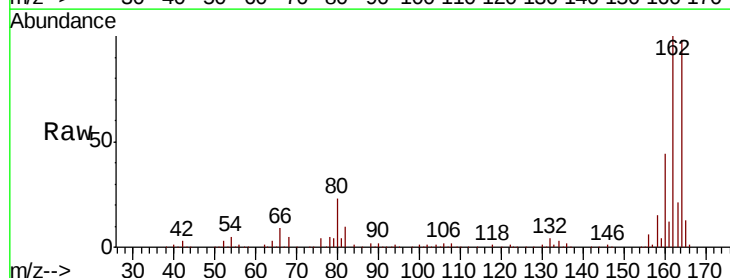


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

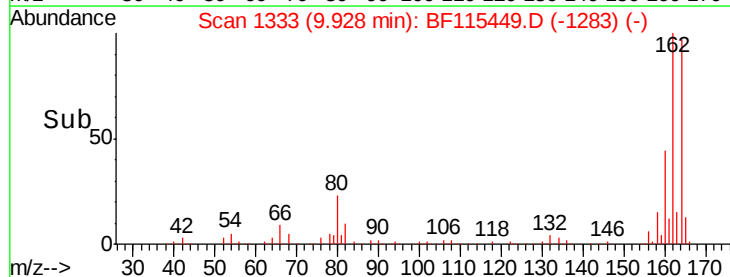
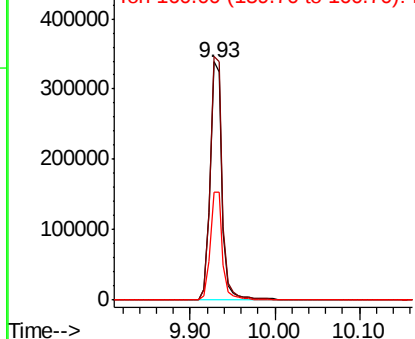


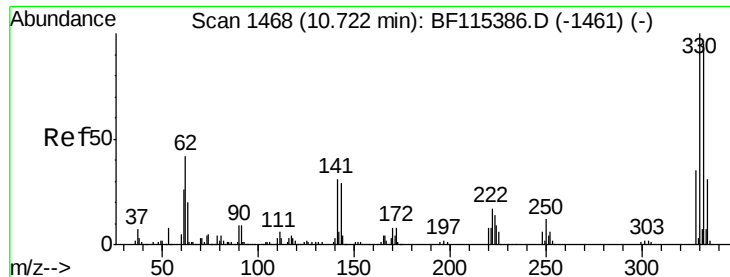
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF115449.D
 Acq: 9 Jul 2019 22:31

Tgt Ion: 164 Resp: 339697
 Ion Ratio Lower Upper
 164 100
 162 102.3 81.5 122.3
 160 45.4 36.6 55.0



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

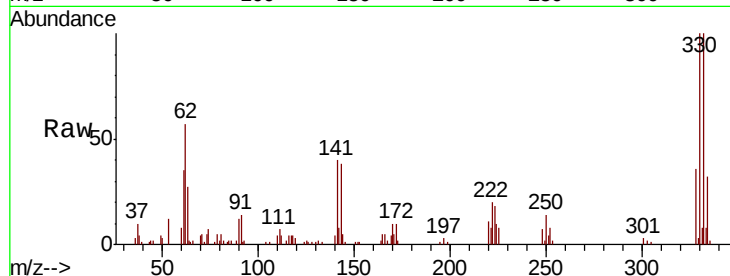




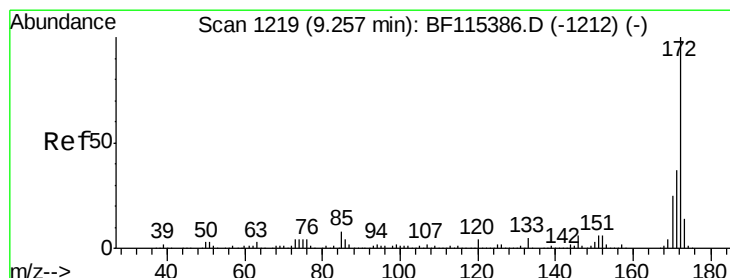
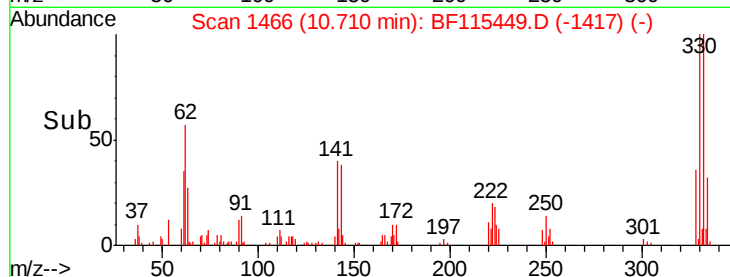
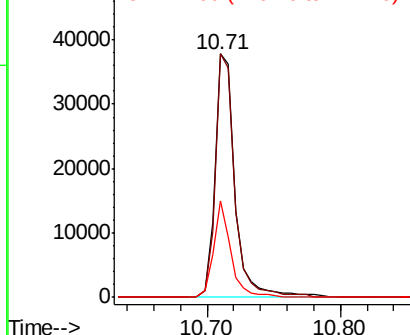
#42
 2,4,6-Tribromophenol
 Concen: 10.659 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF115449.D
 Acq: 9 Jul 2019 22:31

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200028

Tot Ion:330 Resp: 40034
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 115.0
 141 33.8 25.1 37.7

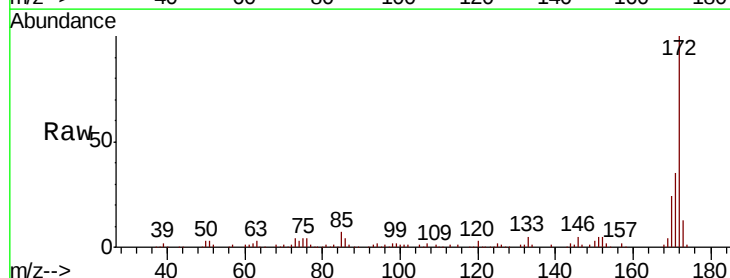


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

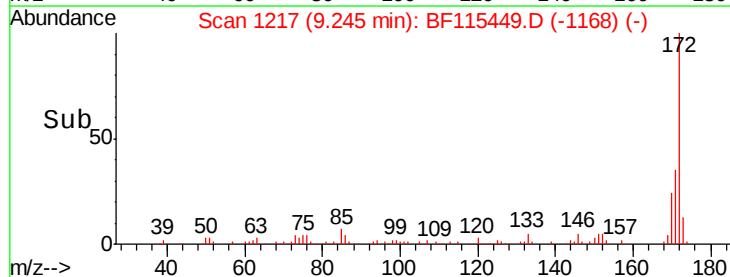
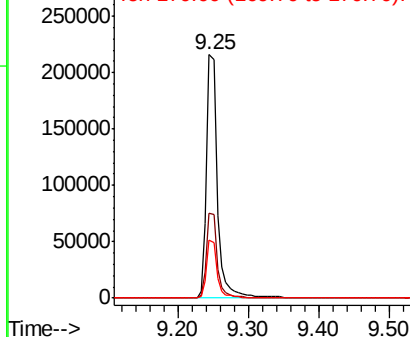


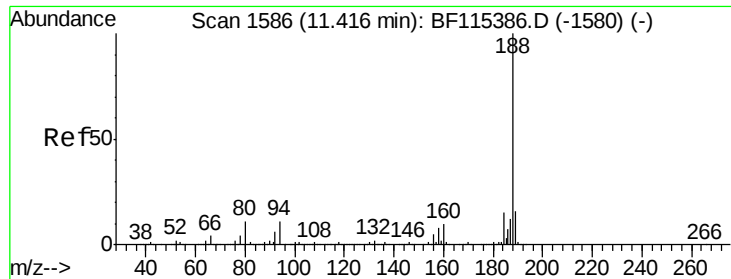
#45
 2-Fluorobiphenyl
 Concen: 12.018 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF115449.D
 Acq: 9 Jul 2019 22:31

Tgt Ion:172 Resp: 232650
 Ion Ratio Lower Upper
 172 100
 171 34.9 29.8 44.8
 170 23.9 19.8 29.6



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

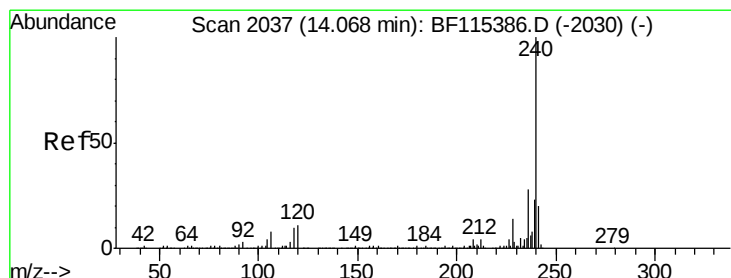
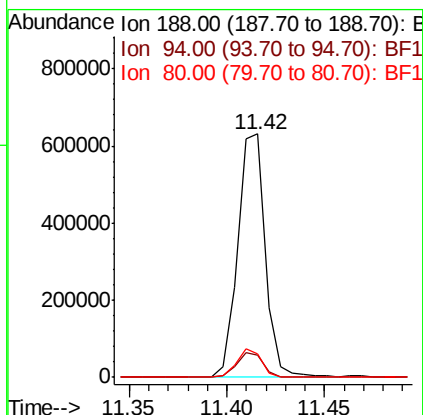
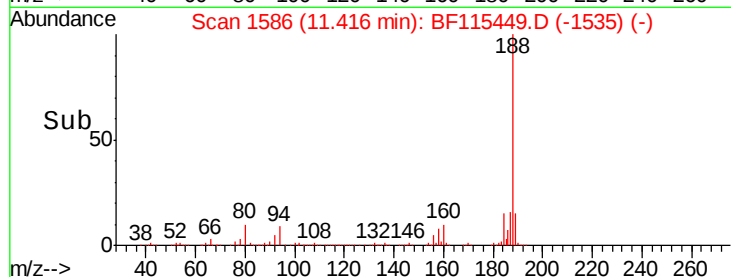
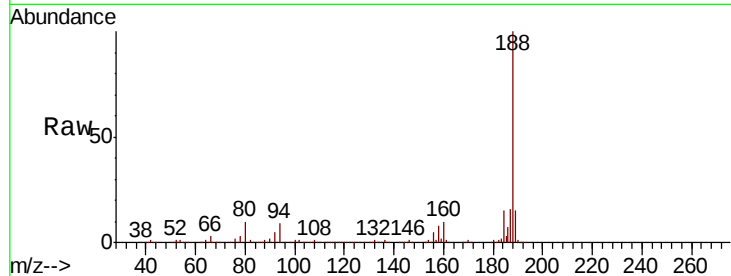




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF115449.D
Acq: 9 Jul 2019 22:31

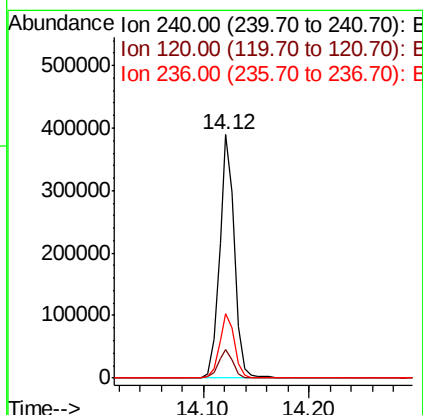
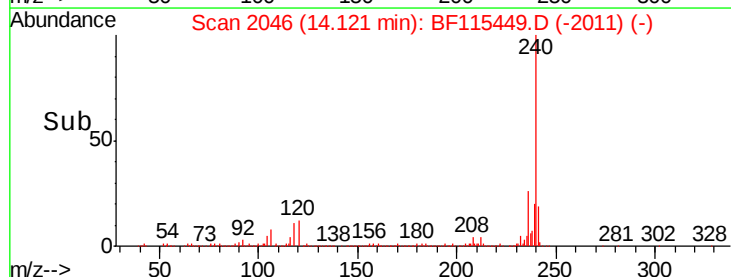
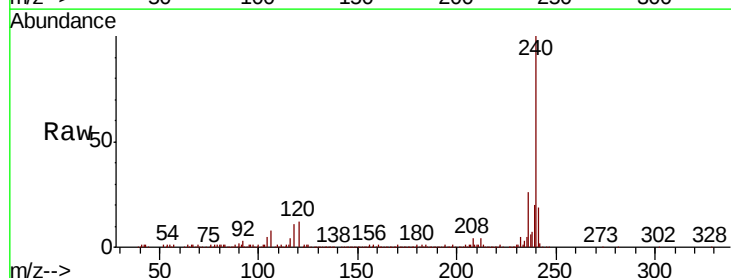
Instrument :
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RBR-200028

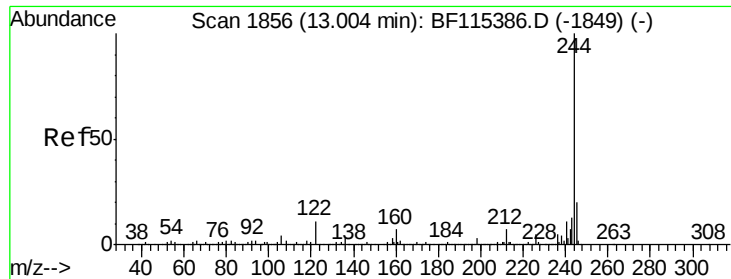
Tot Ion:188 Resp: 615577
Ion Ratio Lower Upper
188 100
94 8.9 8.1 12.1
80 9.6 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.09 min
Lab File: BF115449.D
Acq: 9 Jul 2019 22:31

Tgt Ion:240 Resp: 385076
Ion Ratio Lower Upper
240 100
120 11.9 9.6 14.4
236 26.4 21.6 32.4





#79

Terphenyl-d14

Concen: 11.129 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.04 min

Lab File: BF115449.D

Acq: 9 Jul 2019 22:31

Instrument :

BNA_F

ClientSampleId :

RBR-200028

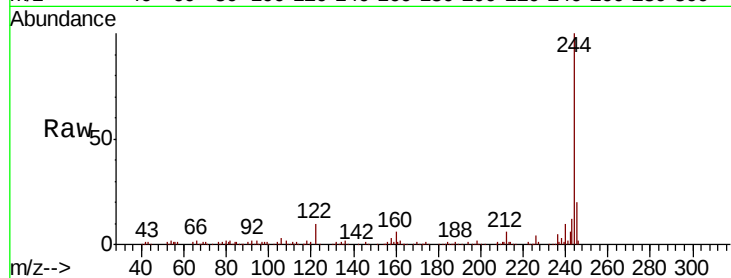
Tot Ion:244 Resp: 209301

Ion Ratio Lower Upper

244 100

212 6.3 5.7 8.5

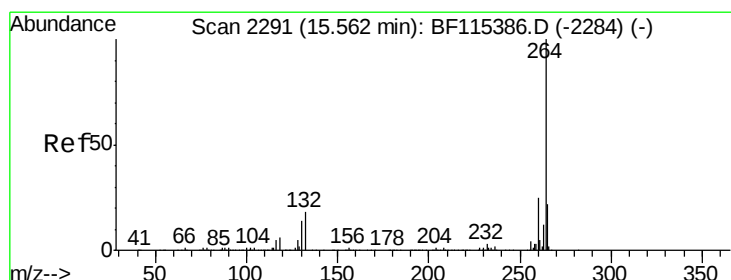
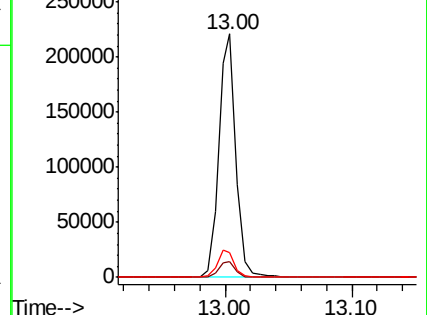
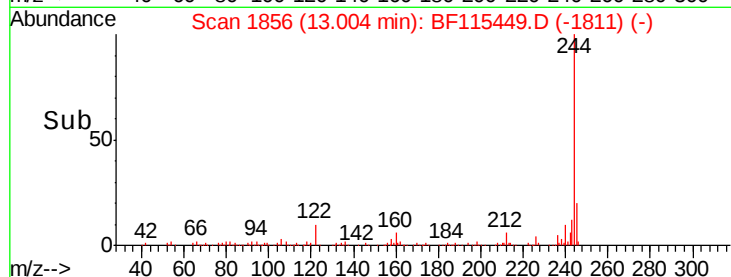
122 10.0 9.3 13.9



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.72 min Scan# 2317

Delta R.T. -0.16 min

Lab File: BF115449.D

Acq: 9 Jul 2019 22:31

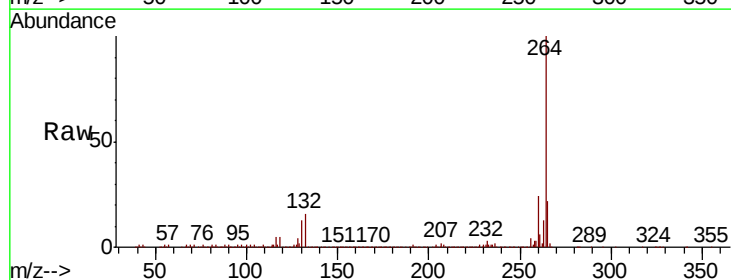
Tgt Ion:264 Resp: 450471

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.2

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

