

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110119\
 Data File : BF117681.D
 Acq On : 1 Nov 2019 15:17
 Operator : JU
 Sample : K5615-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-29

Quant Time: Nov 01 16:28:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

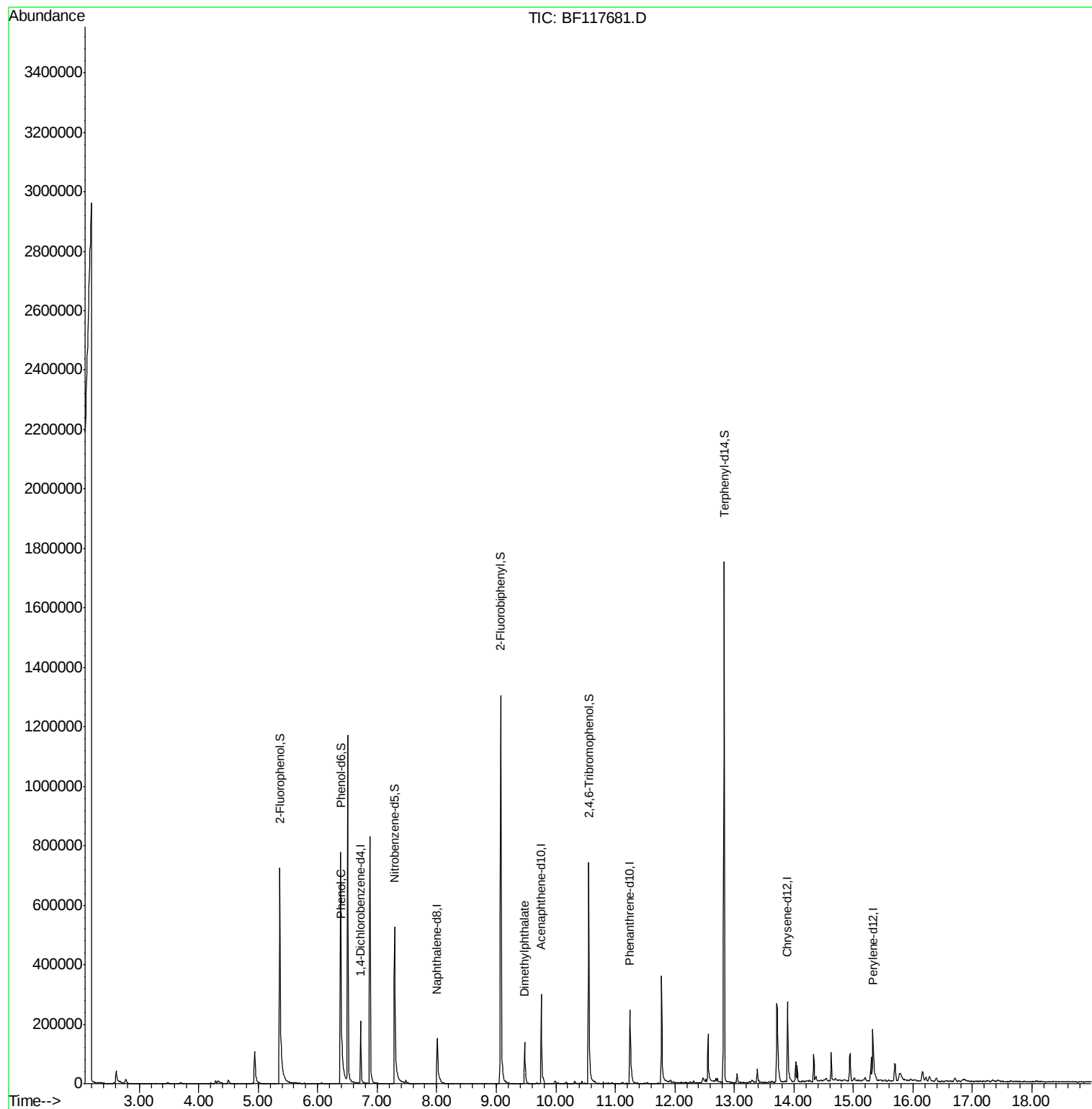
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	33582	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	138768	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	73348	20.00	ng	-0.01
64) Phenanthrene-d10	11.25	188	134870	20.00	ng	0.00
76) Chrysene-d12	13.89	240	109319	20.00	ng	0.00
87) Perylene-d12	15.33	264	104487	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	302207	133.88	ng	0.01
7) Phenol-d6	6.39	99	409506	135.07	ng	0.00
23) Nitrobenzene-d5	7.29	82	267020	94.99	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	99338	156.52	ng	-0.01
45) 2-Fluorobiphenyl	9.07	172	473058	90.87	ng	-0.02
79) Terphenyl-d14	12.83	244	578475	86.31	ng	0.00
Target Compounds						
10) Phenol	6.40	94	15172	4.903	ng	88
50) Dimethylphthalate	9.48	163	81985	15.679	ng	99

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

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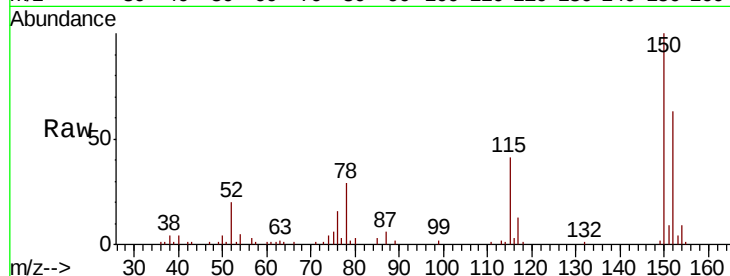


#1

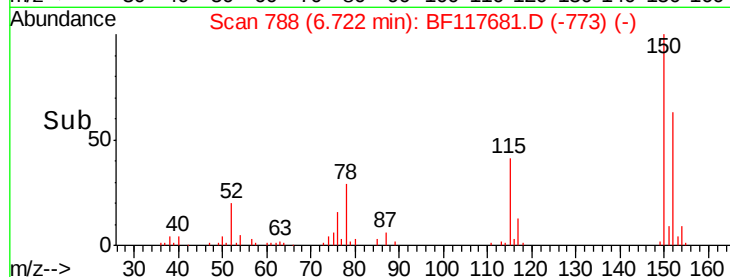
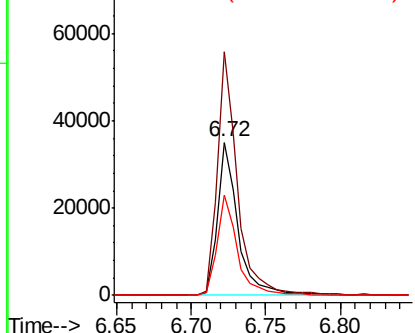
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF117681.D
Acq: 1 Nov 2019 15:17

Instrument :
BNA_F
ClientSampleId :
RBR-29

Tot Ion:152 Resp: 33582
Ion Ratio Lower Upper
152 100
150 159.0 126.8 190.2
115 65.5 51.6 77.4



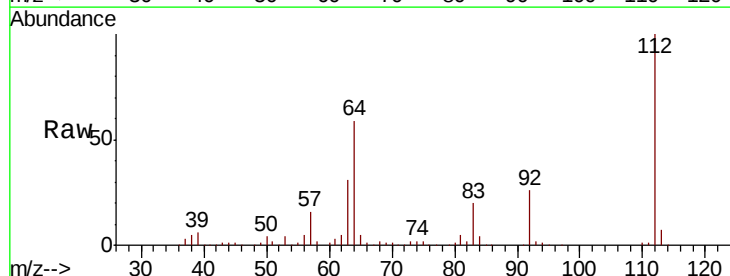
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



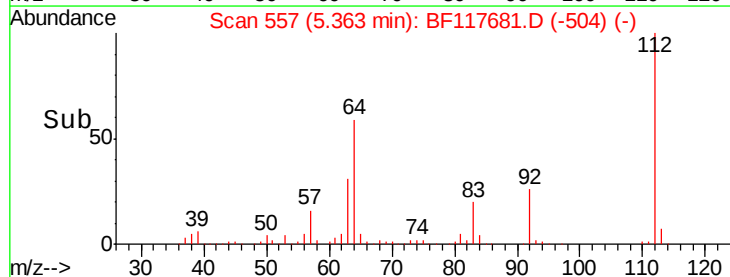
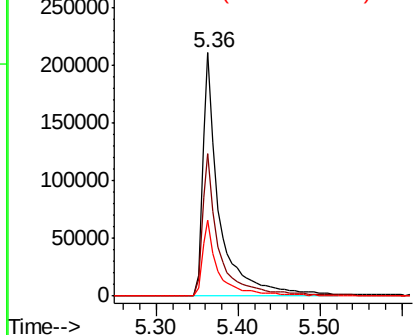
#5

2-Fluorophenol
Concen: 133.880 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF117681.D
Acq: 1 Nov 2019 15:17

Tgt Ion:112 Resp: 302207
Ion Ratio Lower Upper
112 100
64 58.5 44.1 66.1
63 31.3 23.4 35.2



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: 135.070 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117681.D

Acq: 1 Nov 2019 15:17

Instrument :

BNA_F

ClientSampleId :

RBR-29

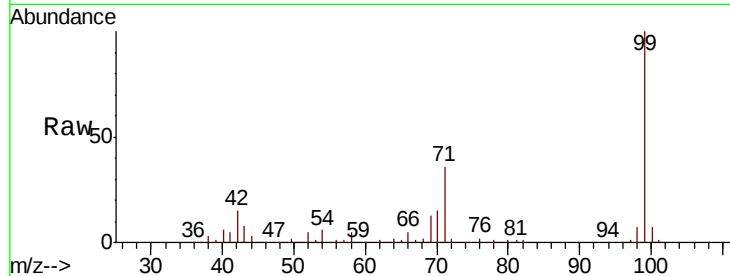
Tot Ion: 99 Resp: 409506

Ion Ratio Lower Upper

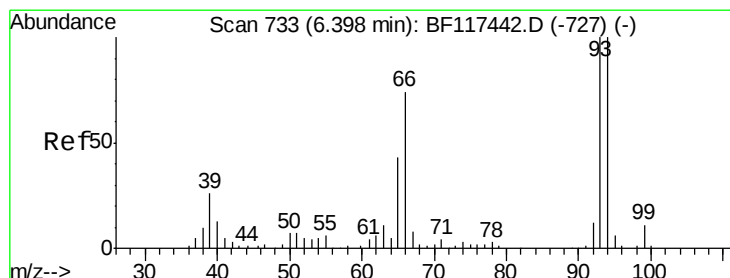
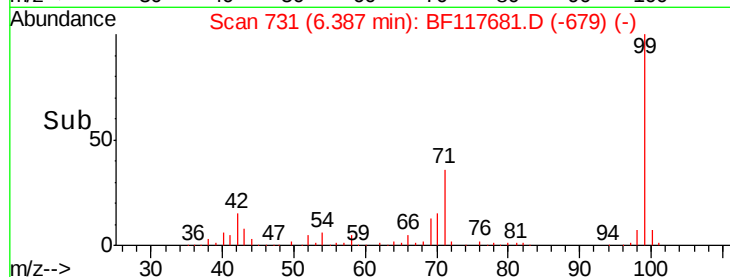
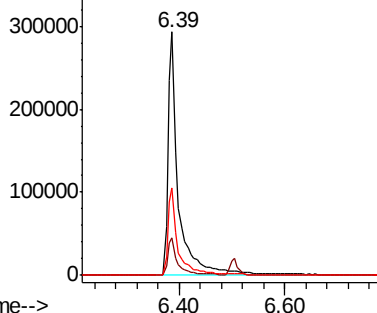
99 100

42 15.2 12.8 19.2

71 35.8 28.6 43.0



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



#10

Phenol

Concen: 4.903 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF117681.D

Acq: 1 Nov 2019 15:17

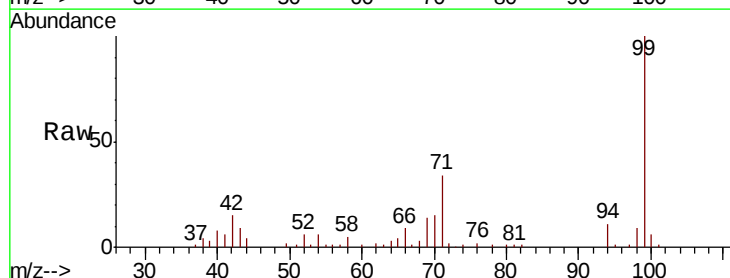
Tgt Ion: 94 Resp: 15172

Ion Ratio Lower Upper

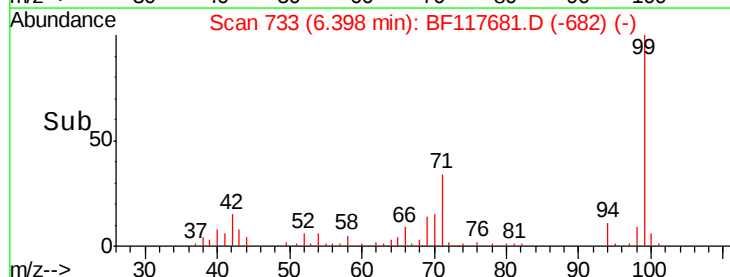
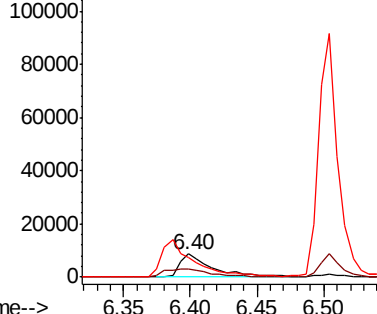
94 100

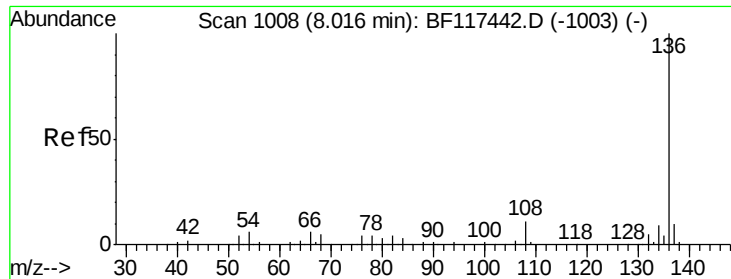
65 36.6 23.4 63.4

66 85.4 54.7 94.7



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF117681.D

Acq: 1 Nov 2019 15:17

Instrument :

BNA_F

ClientSampleId :

RBR-29

Tot Ion:136 Resp: 138768

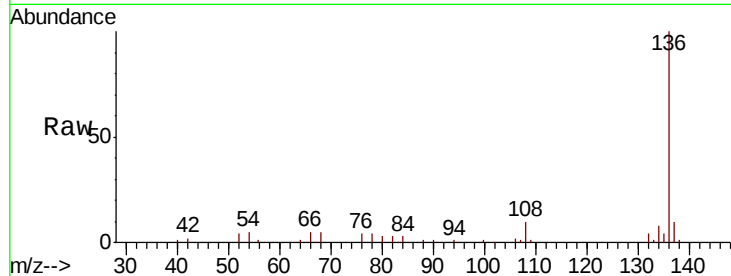
Ion Ratio Lower Upper

136 100

137 10.3 8.2 12.4

54 5.2 4.5 6.7

68 4.8 4.3 6.5

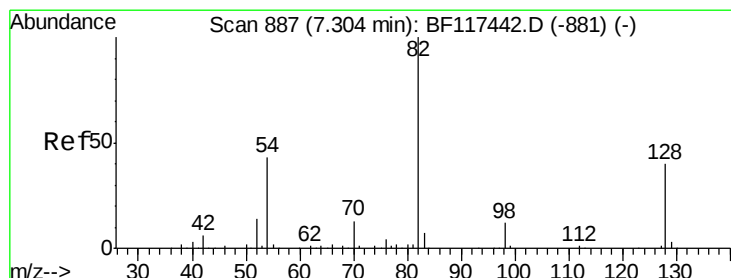
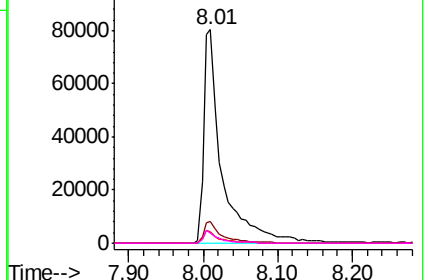
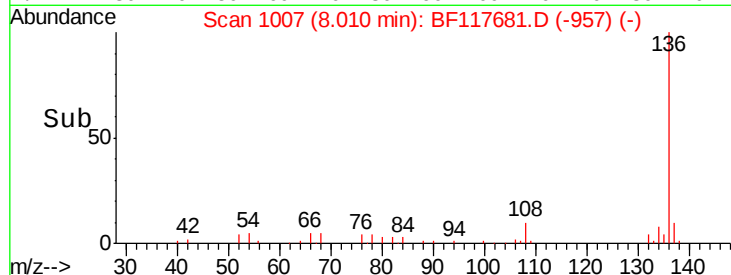


Abundance Ion 136.00 (135.70 to 136.70): E

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: 94.995 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF117681.D

Acq: 1 Nov 2019 15:17

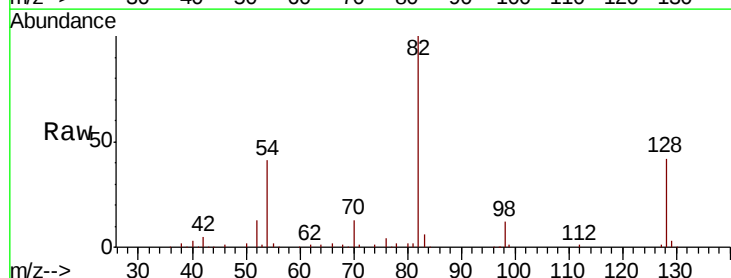
Tgt Ion: 82 Resp: 267020

Ion Ratio Lower Upper

82 100

128 42.1 32.2 48.2

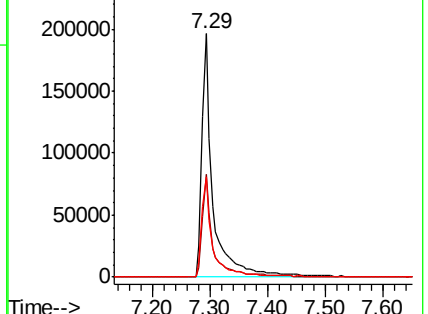
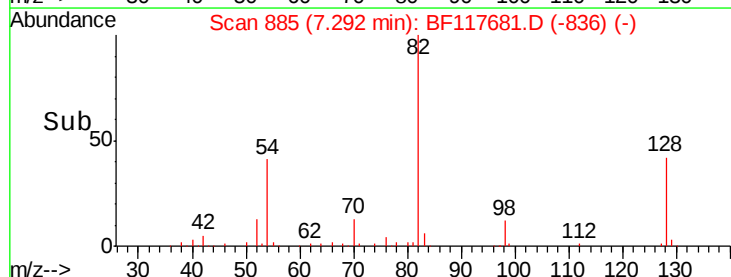
54 41.3 34.2 51.2

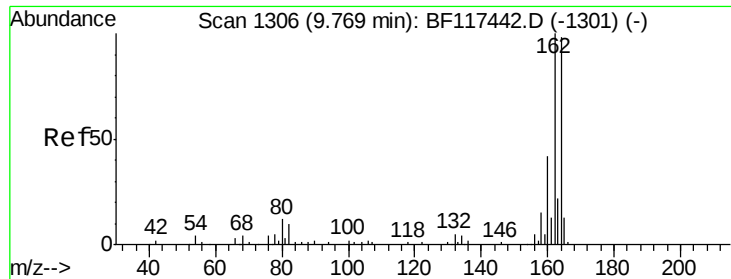


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

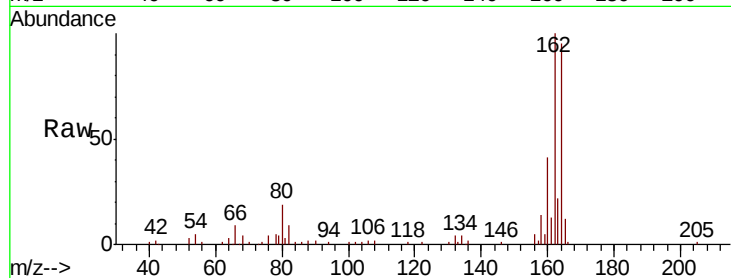




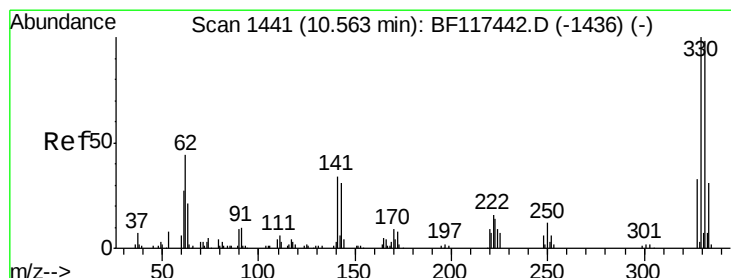
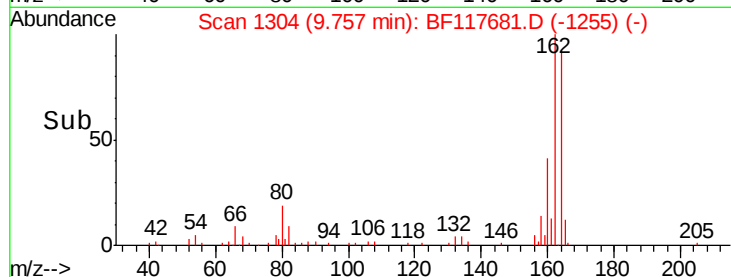
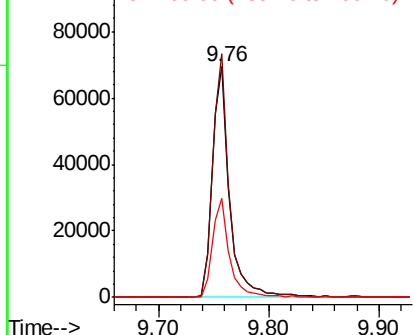
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF117681.D
 Acq: 1 Nov 2019 15:17

Instrument :
 BNA_F
 ClientSampleID :
 RBR-29

Tot Ion:164 Resp: 73348
 Ion Ratio Lower Upper
 164 100
 162 105.6 81.8 122.6
 160 43.1 34.4 51.6

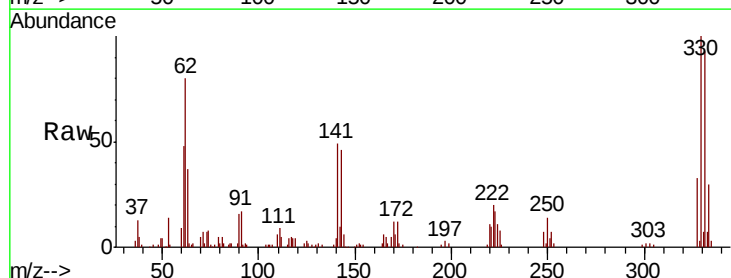


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

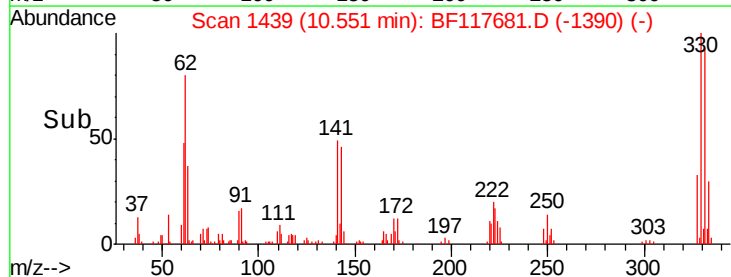
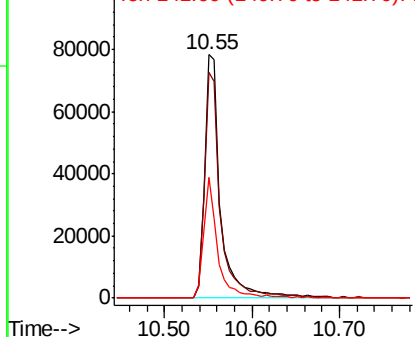


#42
 2,4,6-Tribromophenol
 Concen: 156.524 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF117681.D
 Acq: 1 Nov 2019 15:17

Tgt Ion:330 Resp: 99338
 Ion Ratio Lower Upper
 330 100
 332 93.5 78.5 117.7
 141 43.4 37.0 55.6



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

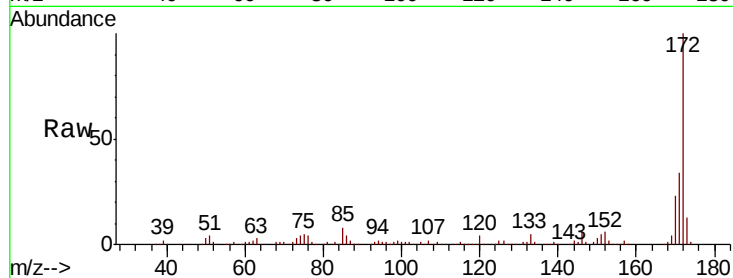




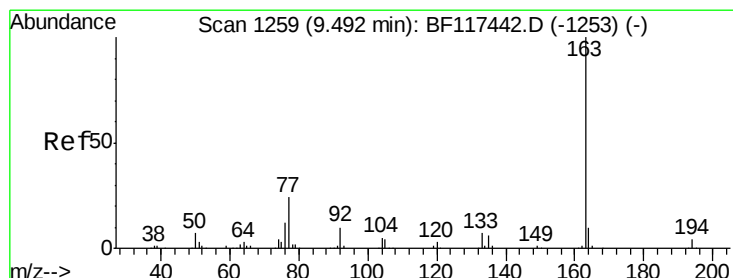
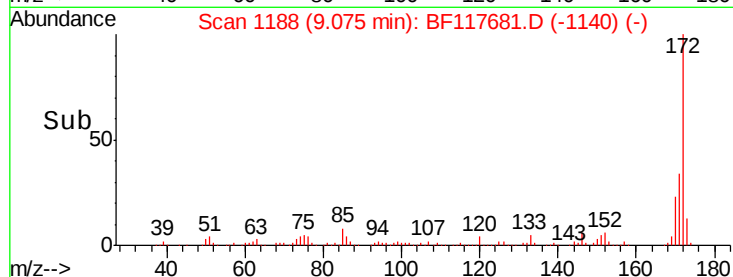
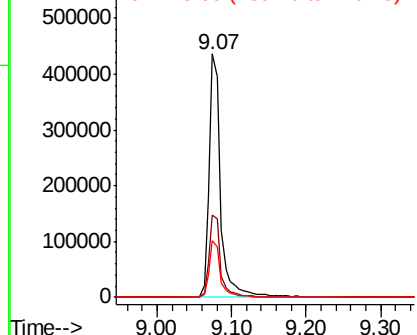
#45
 2-Fluorobiphenyl
 Concen: 90.873 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.02 min
 Lab File: BF117681.D
 Acq: 1 Nov 2019 15:17

Instrument :
 BNA_F
 ClientSampleId :
 RBR-29

Tot Ion:172 Resp: 473058
 Ion Ratio Lower Upper
 172 100
 171 33.9 27.5 41.3
 170 23.5 18.6 27.8

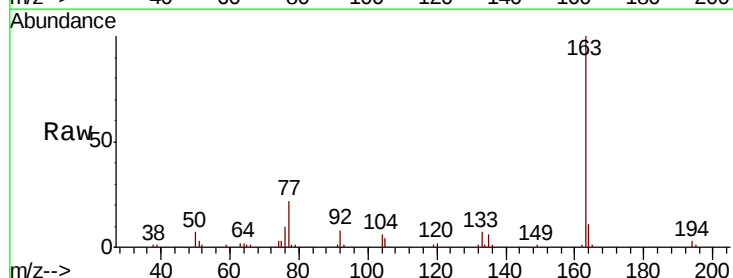


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

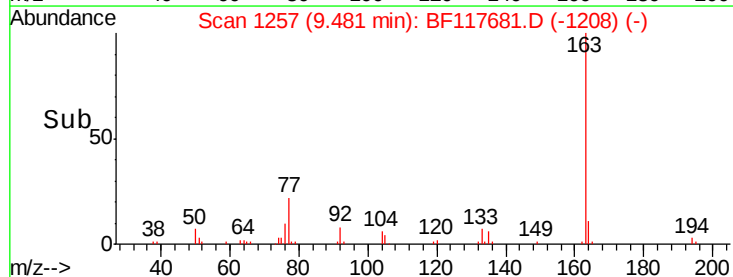
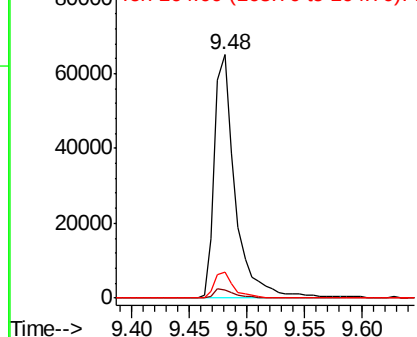


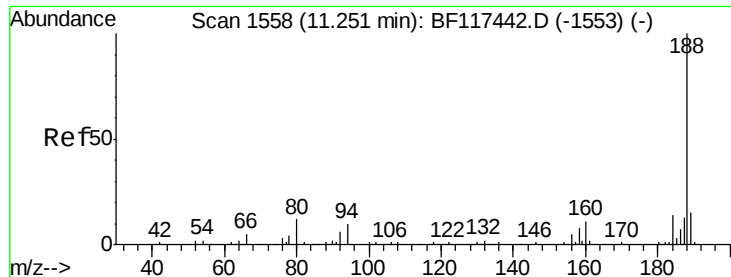
#50
 Dimethylphthalate
 Concen: 15.679 ng
 RT: 9.48 min Scan# 1257
 Delta R.T. -0.01 min
 Lab File: BF117681.D
 Acq: 1 Nov 2019 15:17

Tgt Ion:163 Resp: 81985
 Ion Ratio Lower Upper
 163 100
 194 3.4 2.9 4.3
 164 10.8 8.2 12.2



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF117681.D

Acq: 1 Nov 2019 15:17

Instrument :

BNA_F

ClientSampleId :

RBR-29

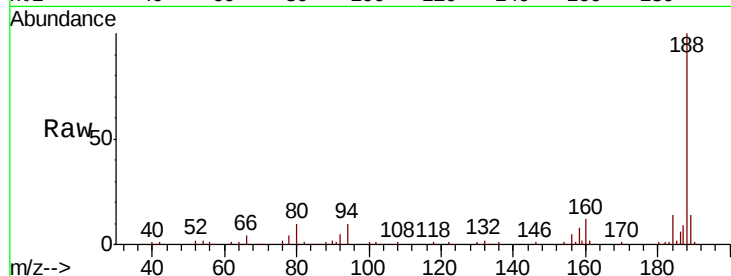
Tot Ion:188 Resp: 134870

Ion Ratio Lower Upper

188 100

94 9.8 8.0 12.0

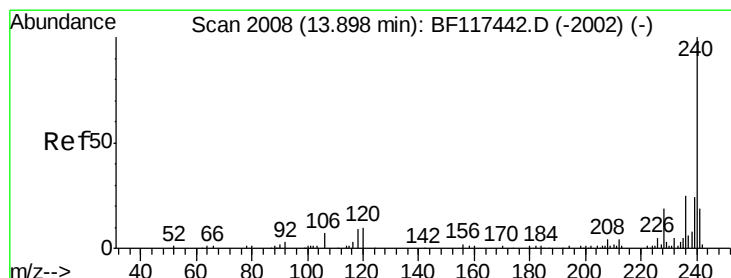
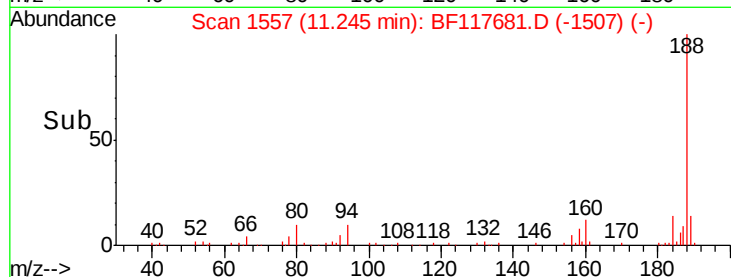
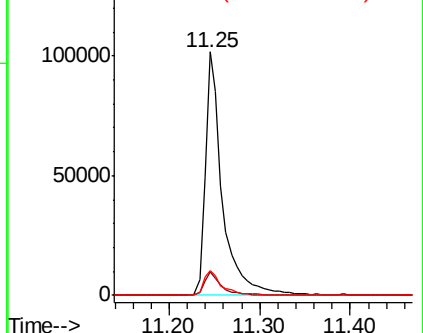
80 10.4 9.5 14.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF117681.D

Acq: 1 Nov 2019 15:17

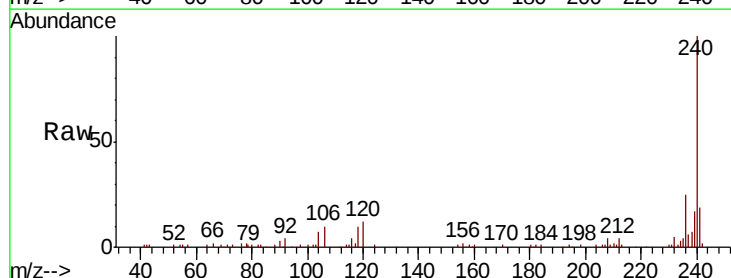
Tgt Ion:240 Resp: 109319

Ion Ratio Lower Upper

240 100

120 12.2 8.4 12.6

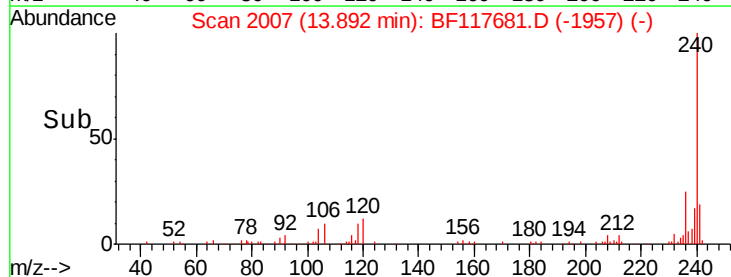
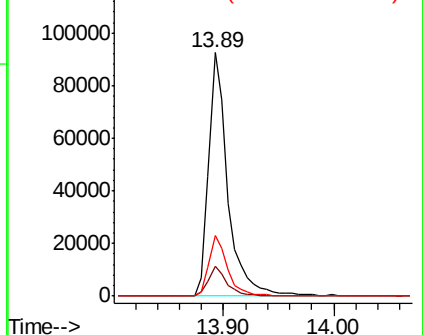
236 25.1 20.0 30.0

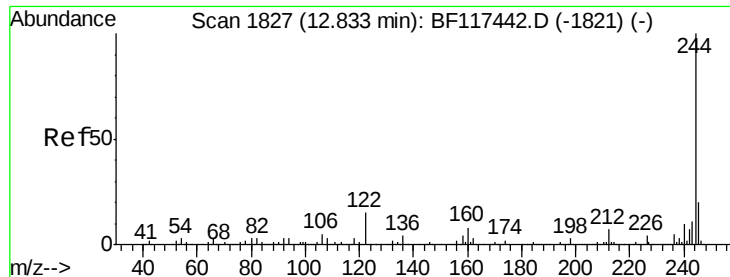


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 86.312 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF117681.D

Acq: 1 Nov 2019 15:17

Instrument :

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RBR-29

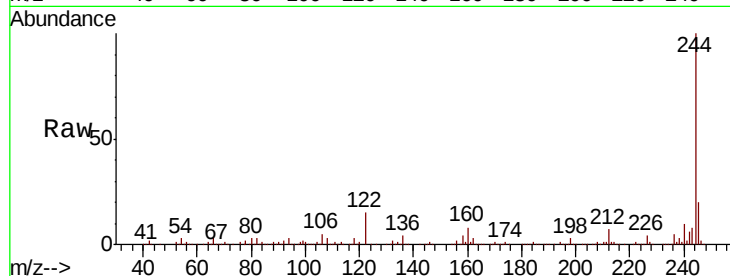
Tot Ion:244 Resp: 578475

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

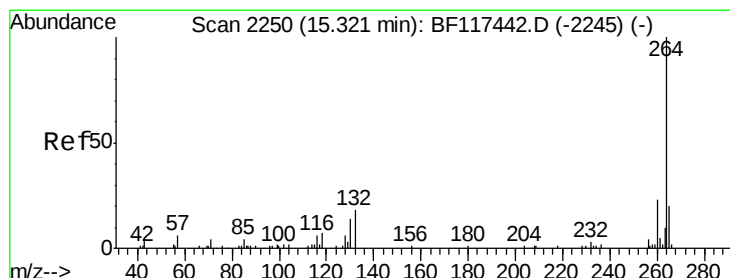
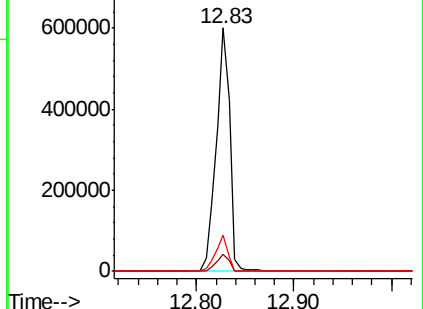
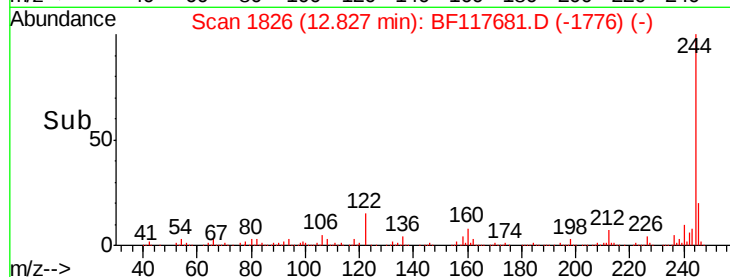
122 14.7 11.8 17.8



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: 15.33 min Scan# 2251

Delta R.T. 0.01 min

Lab File: BF117681.D

Acq: 1 Nov 2019 15:17

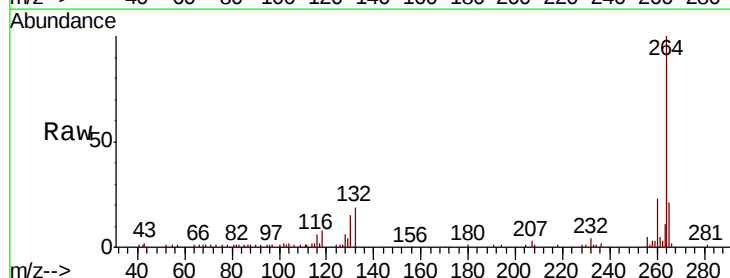
Tgt Ion:264 Resp: 104487

Ion Ratio Lower Upper

264 100

260 22.8 18.4 27.6

265 21.2 16.1 24.1



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

