

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111219\
 Data File : BF117767.D
 Acq On : 12 Nov 2019 18:43
 Operator : JU
 Sample : K5760-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-50

Quant Time: Nov 13 03:27:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 12 13:32:26 2019
 Response via : Initial Calibration

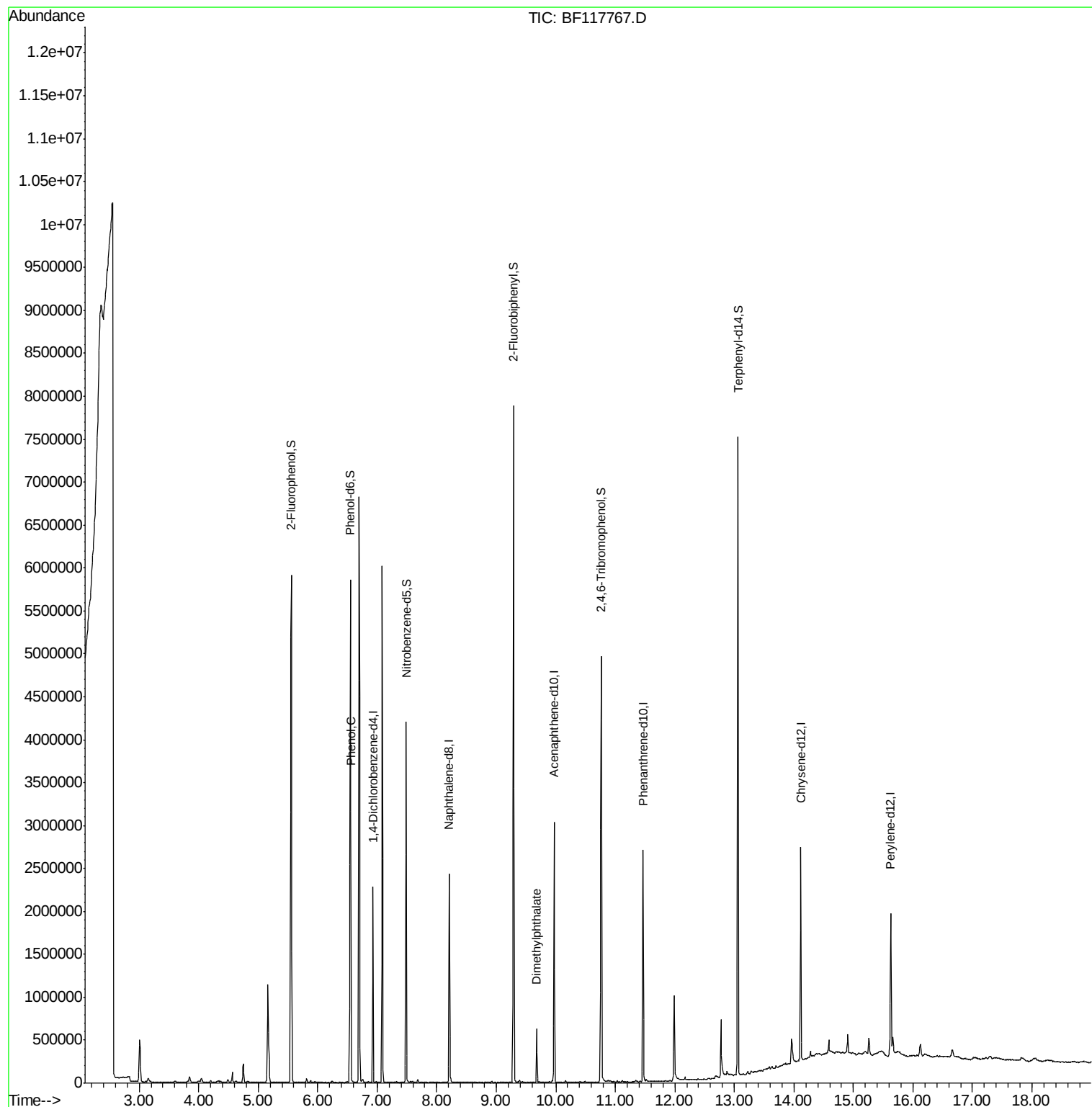
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	301049	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	1151920	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	595713	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	1046026	20.00	ng	0.00
76) Chrysene-d12	14.12	240	745905	20.00	ng	0.00
87) Perylene-d12	15.63	264	784624	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1774697	106.71	ng	0.02
7) Phenol-d6	6.55	99	2117265	103.25	ng	0.00
23) Nitrobenzene-d5	7.49	82	1399819	71.74	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	671766	115.28	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	2574168	85.26	ng	0.00
79) Terphenyl-d14	13.06	244	2727399	75.27	ng	0.00
Target Compounds						
10) Phenol	6.56	94	60744	2.749	ng	98
50) Dimethylphthalate	9.68	163	234194	5.815	ng	99

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

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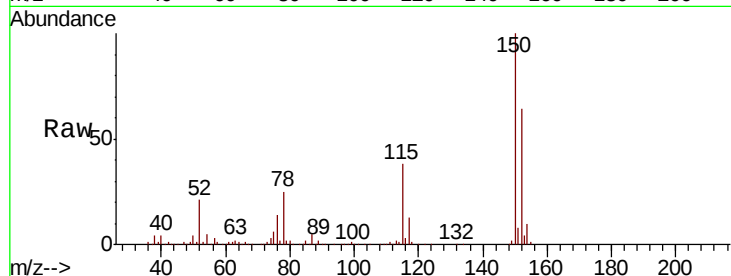


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF117767.D
Acq: 12 Nov 2019 18:43

Instrument :
BNA_F
ClientSampleId :
RBR-50

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	126.6	190.0
115	60.0	47.6	71.4

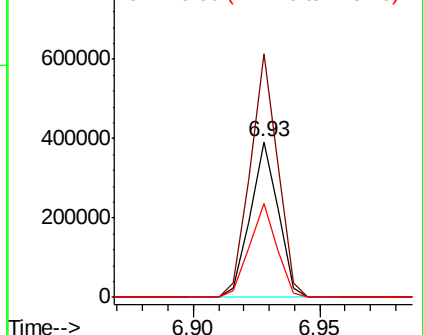
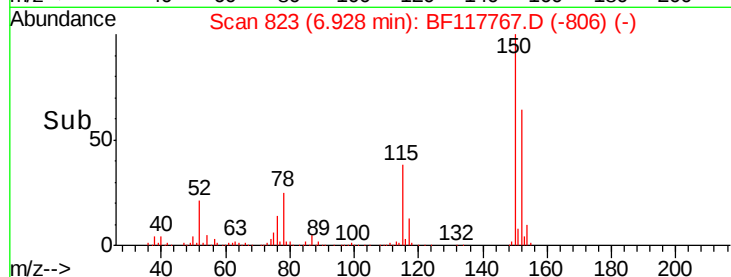


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

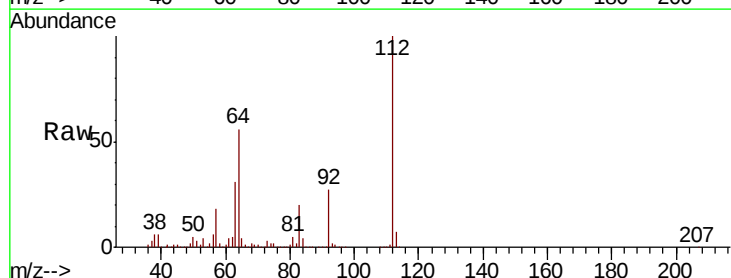
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 106.709 ng
RT: 5.56 min Scan# 590
Delta R.T. 0.02 min
Lab File: BF117767.D
Acq: 12 Nov 2019 18:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.1	43.5	65.3
63	30.5	23.5	35.3

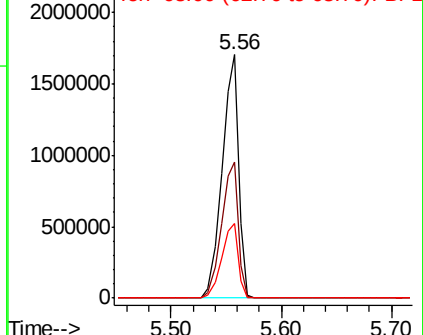
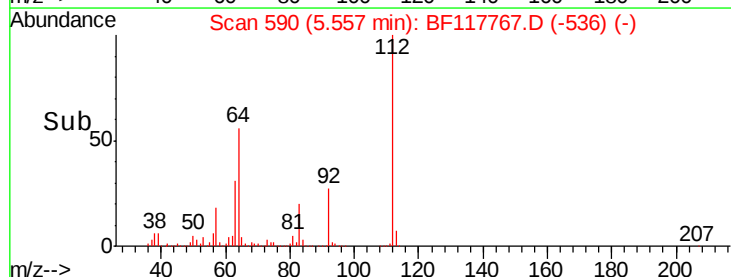


Abundance

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: 103.248 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.01 min

Lab File: BF117767.D

Acq: 12 Nov 2019 18:43

Instrument :

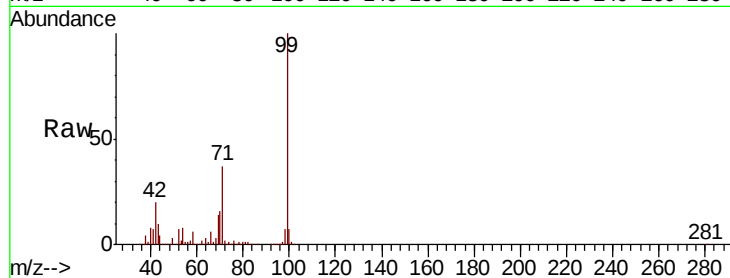
BNA_F

ClientSampleId :

RBR-50

Tot Ion: 99 Resp: 2117265

Ion	Ratio	Lower	Upper
99	100		
42	19.7	15.3	22.9
71	37.4	28.2	42.2

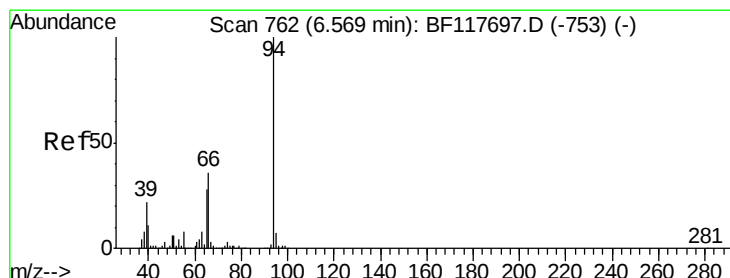
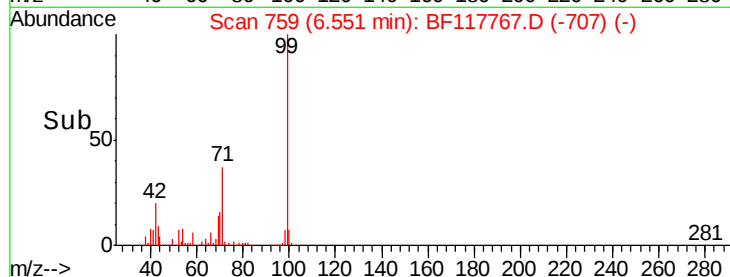
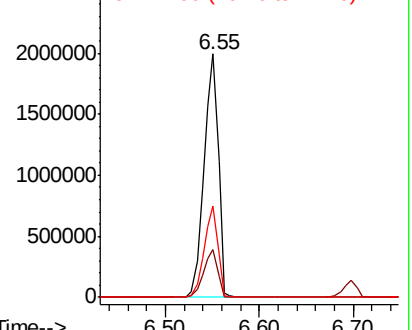


Abundance

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



#10

Phenol

Concen: 2.749 ng

RT: 6.56 min Scan# 761

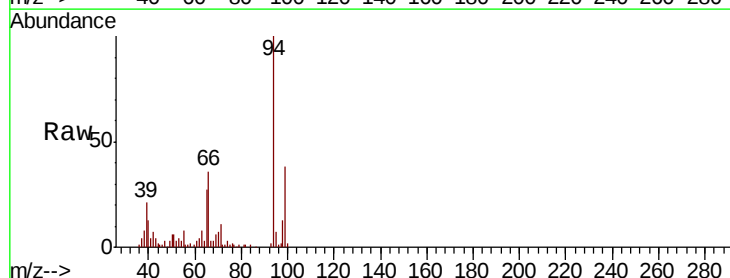
Delta R.T. 0.00 min

Lab File: BF117767.D

Acq: 12 Nov 2019 18:43

Tgt Ion: 94 Resp: 60744

Ion	Ratio	Lower	Upper
94	100		
65	26.6	6.4	46.4
66	36.5	14.9	54.9

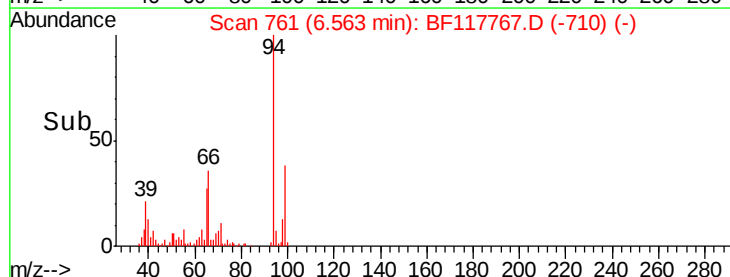
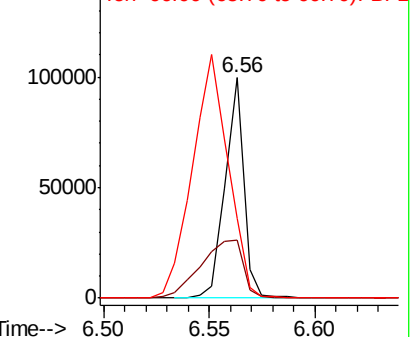


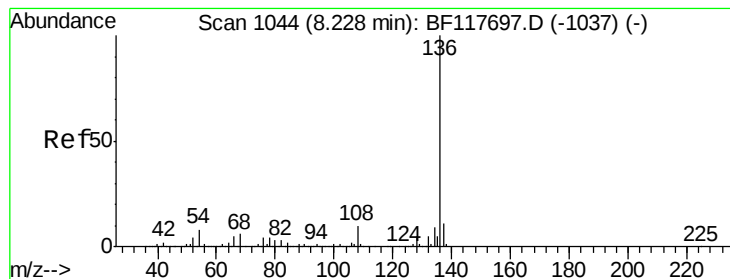
Abundance

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: 8.21 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF117767.D

Acq: 12 Nov 2019 18:43

Instrument :

BNA_F

ClientSampleId :

RBR-50

Tot Ion:136 Resp: 1151920

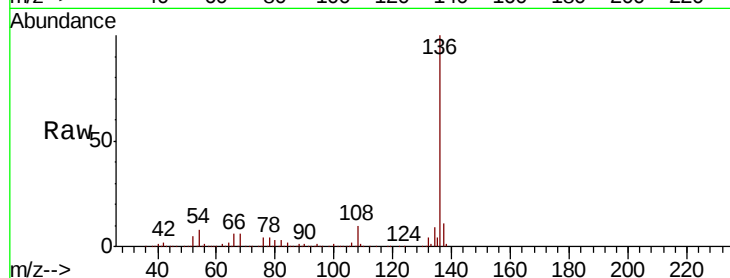
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 8.1 6.1 9.1

68 5.7 4.6 7.0

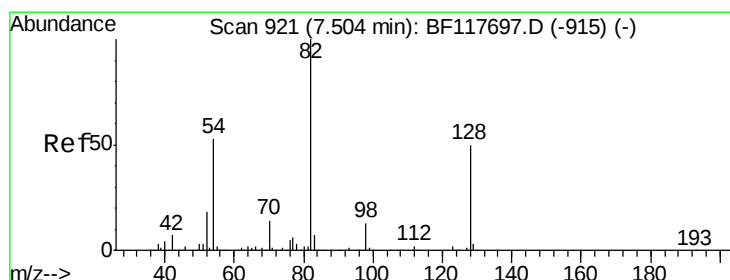
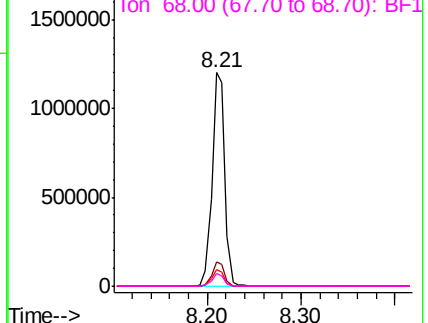
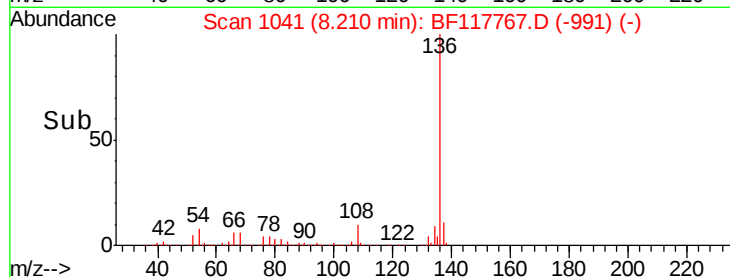


Abundance Ion 136.00 (135.70 to 136.70): E

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: 71.745 ng

RT: 7.49 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF117767.D

Acq: 12 Nov 2019 18:43

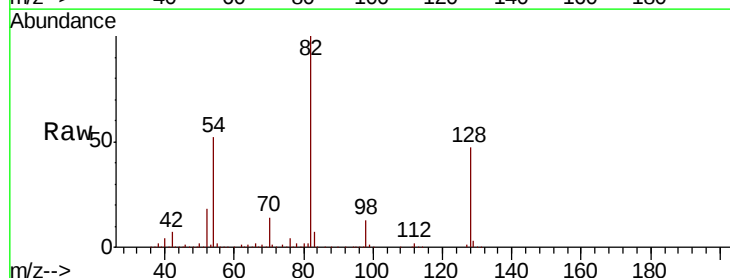
Tgt Ion: 82 Resp: 1399819

Ion Ratio Lower Upper

82 100

128 47.4 38.7 58.1

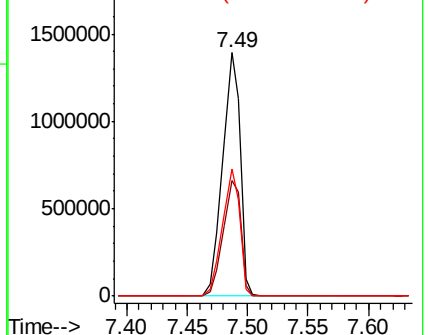
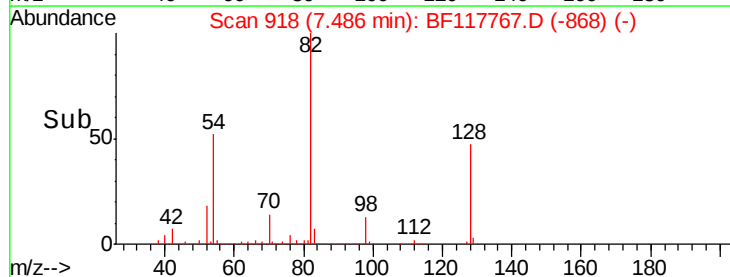
54 52.1 41.4 62.2

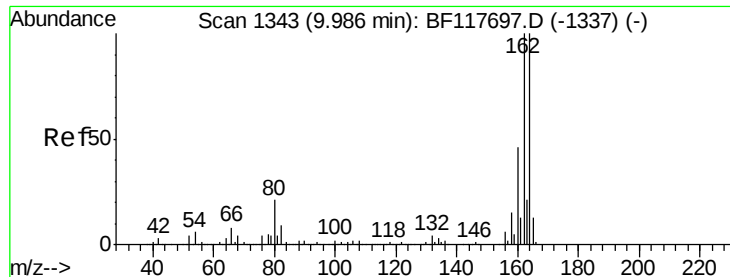


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

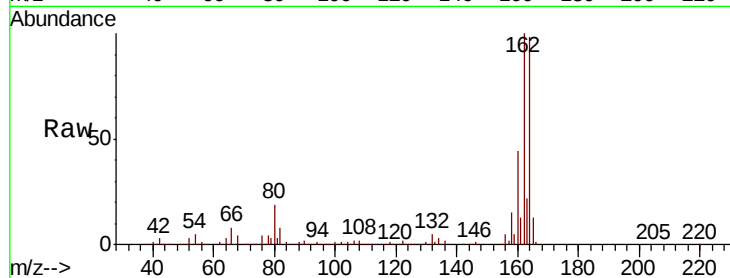




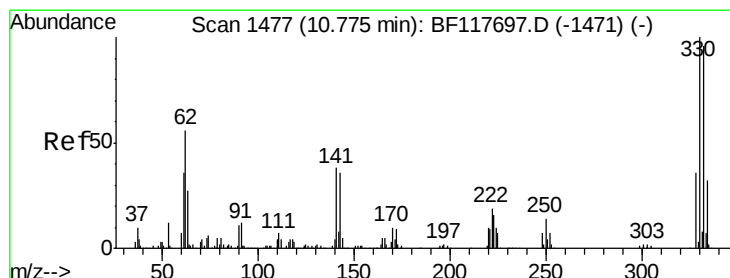
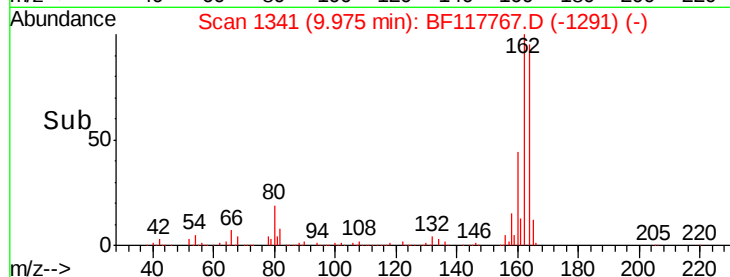
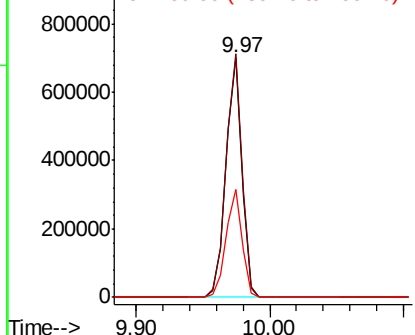
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF117767.D
Acq: 12 Nov 2019 18:43

Instrument :
BNA_F
ClientSampleId :
RBR-50

Tot Ion:164 Resp: 595713
Ion Ratio Lower Upper
164 100
162 101.6 81.2 121.8
160 45.0 36.3 54.5

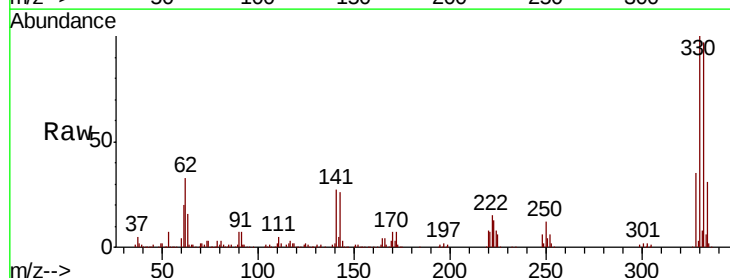


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

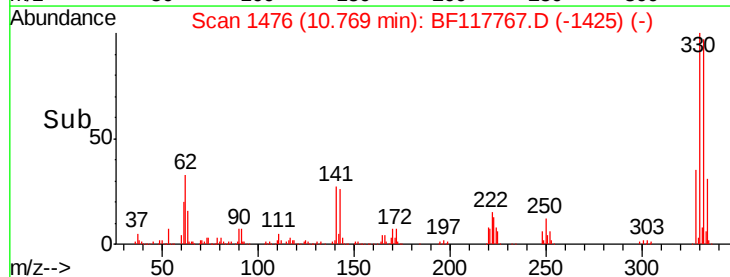
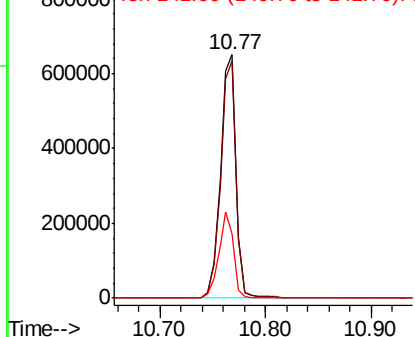


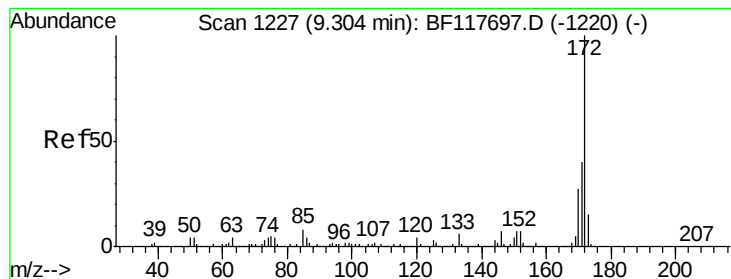
#42
2,4,6-Tribromophenol
Concen: 115.277 ng
RT: 10.77 min Scan# 1476
Delta R.T. 0.00 min
Lab File: BF117767.D
Acq: 12 Nov 2019 18:43

Tgt Ion:330 Resp: 671766
Ion Ratio Lower Upper
330 100
332 96.7 76.9 115.3
141 33.9 26.5 39.7



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: 85.257 ng

RT: 9.29 min Scan# 1225

Delta R.T. 0.00 min

Lab File: BF117767.D

Acq: 12 Nov 2019 18:43

Instrument :

BNA_F

ClientSampleId :

RBR-50

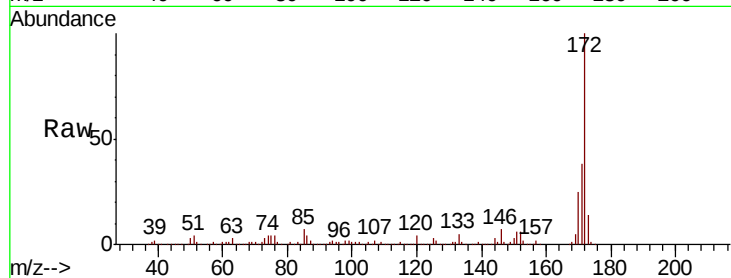
Tot Ion:172 Resp: 2574168

Ion Ratio Lower Upper

172 100

171 38.2 30.7 46.1

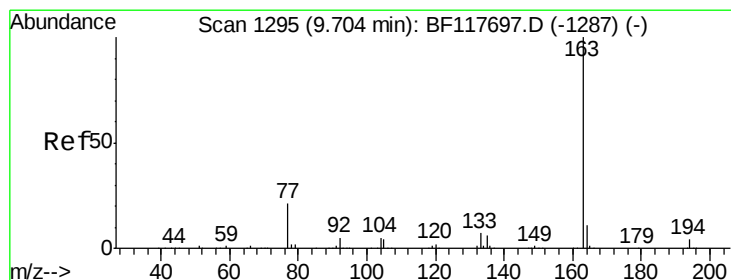
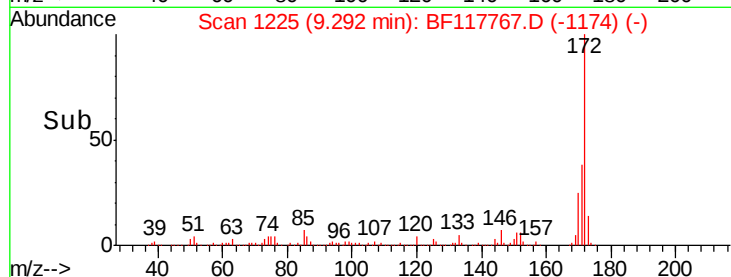
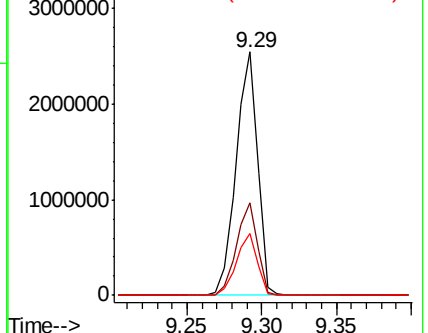
170 25.4 20.6 30.8



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: 5.815 ng

RT: 9.68 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BF117767.D

Acq: 12 Nov 2019 18:43

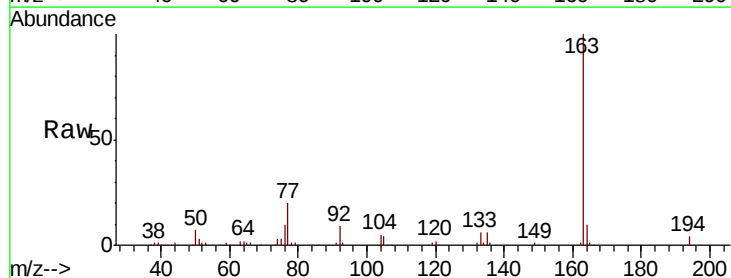
Tgt Ion:163 Resp: 234194

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

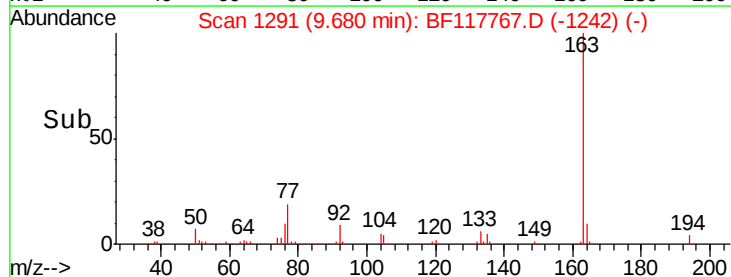
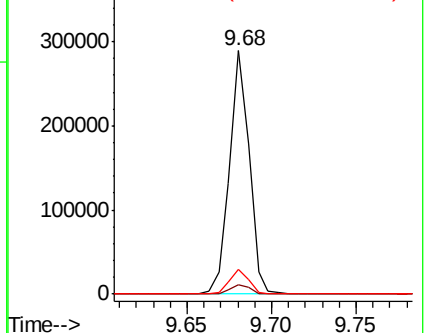
164 10.2 8.6 13.0

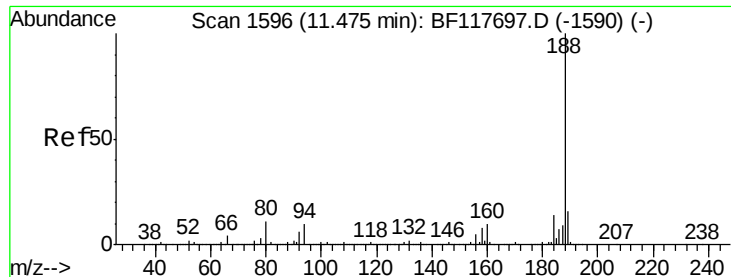


Abundance Ion 163.00 (162.70 to 163.70): E

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: 11.47 min Scan# 1595

Delta R.T. 0.00 min

Lab File: BF117767.D

Acq: 12 Nov 2019 18:43

Instrument :

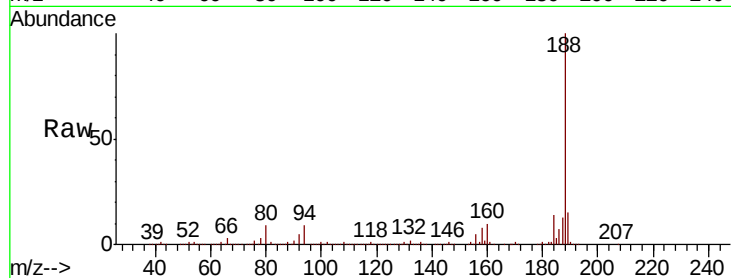
BNA_F

ClientSampleId :

RBR-50

Tot Ion:188 Resp: 1046026

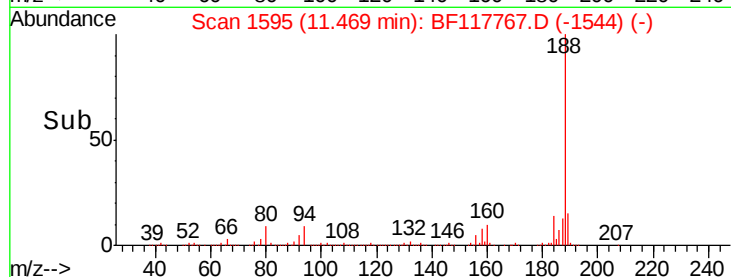
Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.4	11.2
80	8.7	8.1	12.1



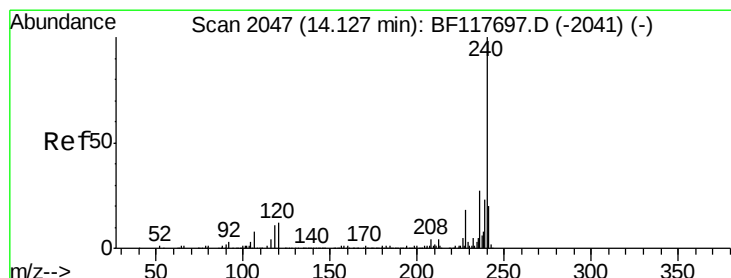
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time--> 11.40 11.45 11.50



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.12 min Scan# 2045

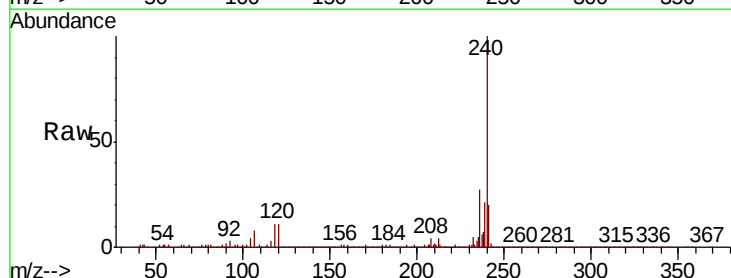
Delta R.T. -0.01 min

Lab File: BF117767.D

Acq: 12 Nov 2019 18:43

Tgt Ion:240 Resp: 745905

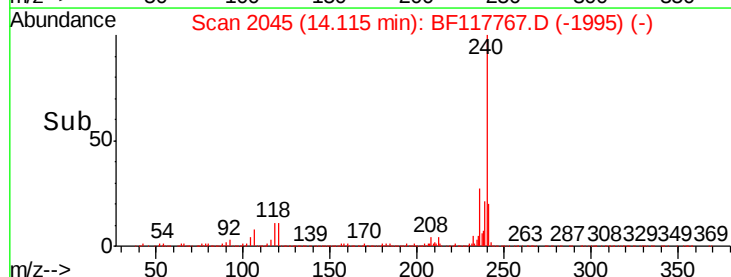
Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.3	13.9
236	26.9	21.4	32.0



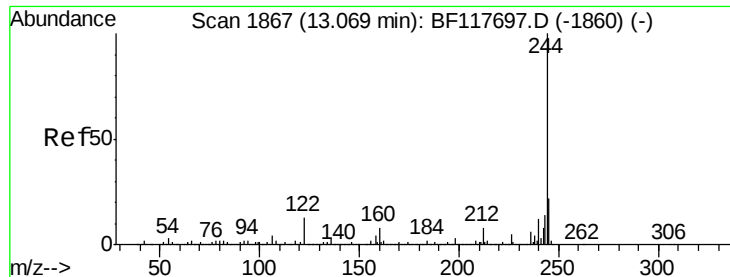
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 14.10 14.20



#79

Terphenyl-d14

Concen: 75.272 ng

RT: 13.06 min Scan# 1866

Delta R.T. 0.00 min

Lab File: BF117767.D

Acq: 12 Nov 2019 18:43

Instrument :

BNA_F

ClientSampleId :

RBR-50

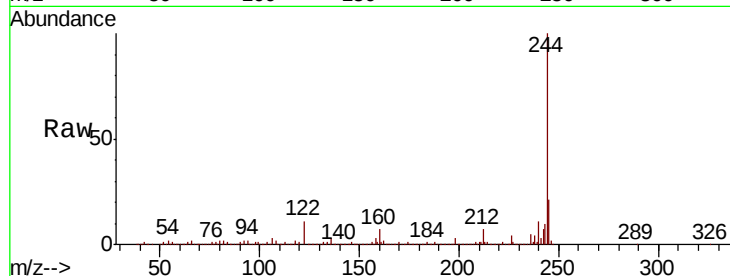
Tot Ion:244 Resp: 2727399

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.4

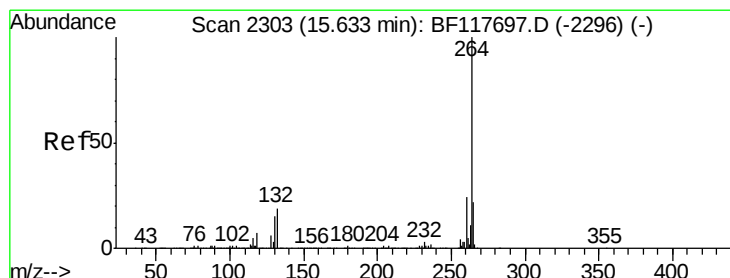
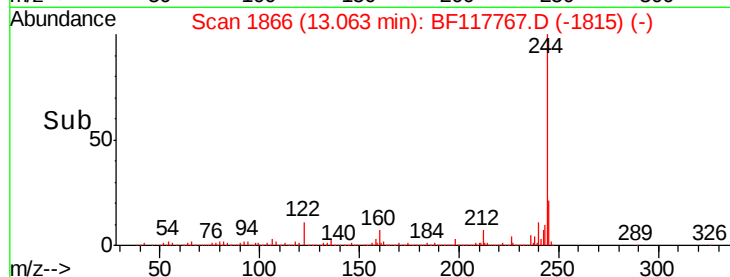
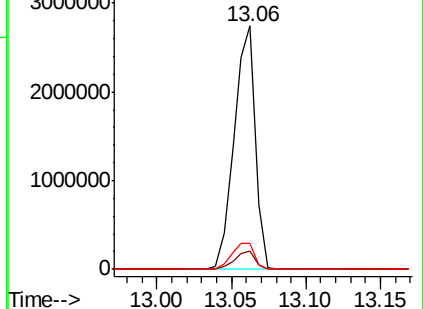
122 10.5 9.1 13.7



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: 15.63 min Scan# 2302

Delta R.T. 0.00 min

Lab File: BF117767.D

Acq: 12 Nov 2019 18:43

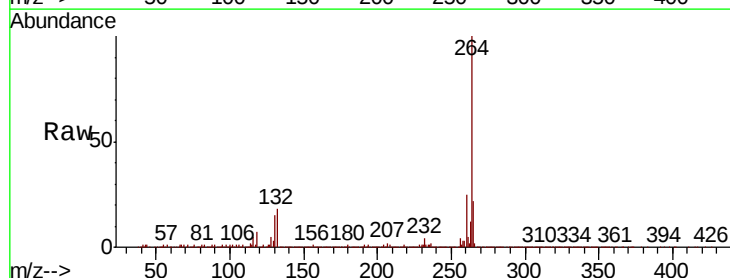
Tgt Ion:264 Resp: 784624

Ion Ratio Lower Upper

264 100

260 24.9 19.0 28.6

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

