

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 01:14:51 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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

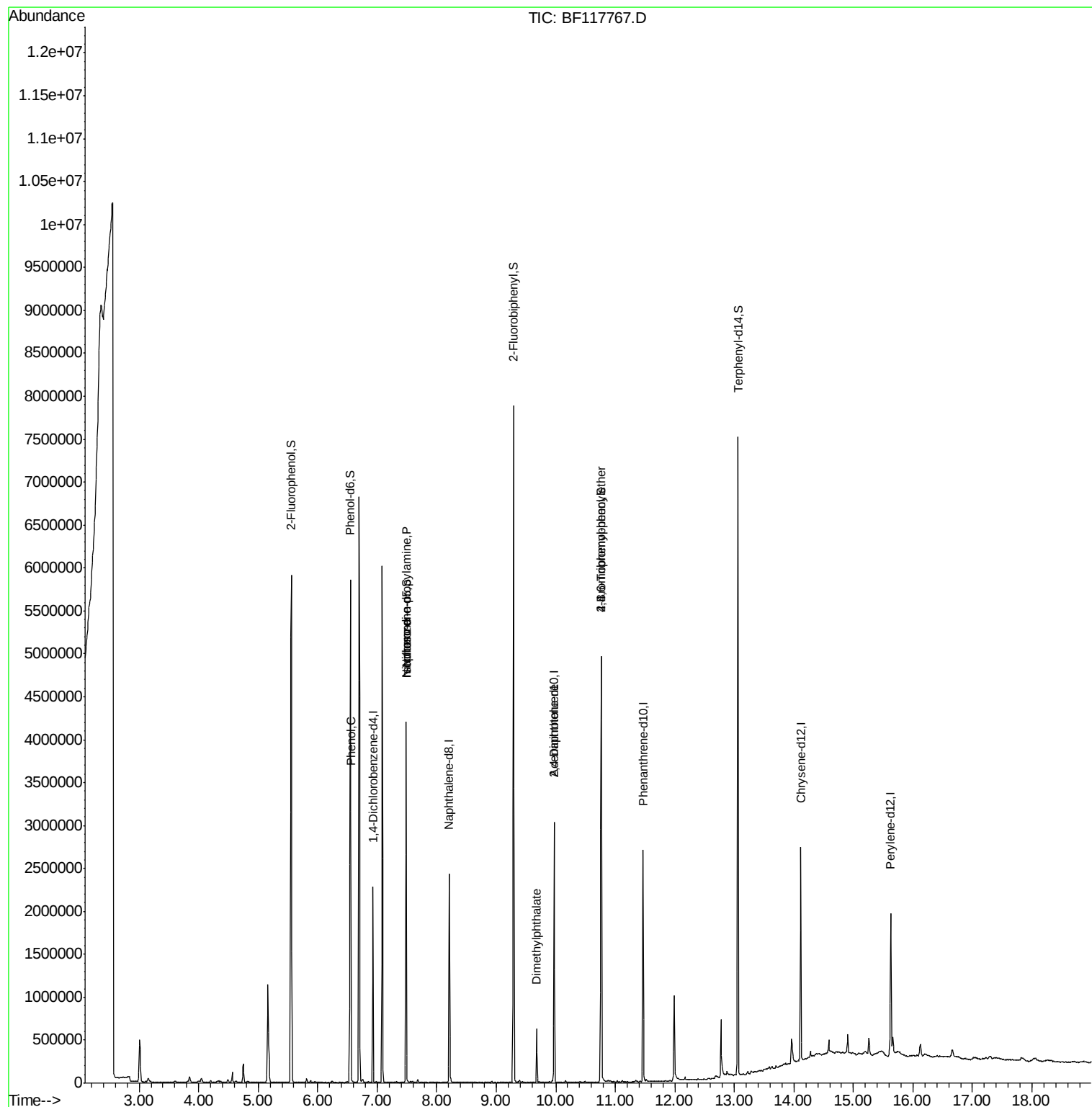
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.56	94	60744	2.749	ng	98
19) n-Nitroso-di-n-propylamine	7.49	70	194363	14.415	ng	# 76
25) Isophorone	7.49	82	1399800	37.510	ng	# 63
50) Dimethylphthalate	9.68	163	234194	5.815	ng	99
57) 2,4-Dinitrotoluene	9.97	165	77634	6.711	ng	# 24
67) 4-Bromophenyl-phenylether	10.76	248	42885	3.754	ng	# 1

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

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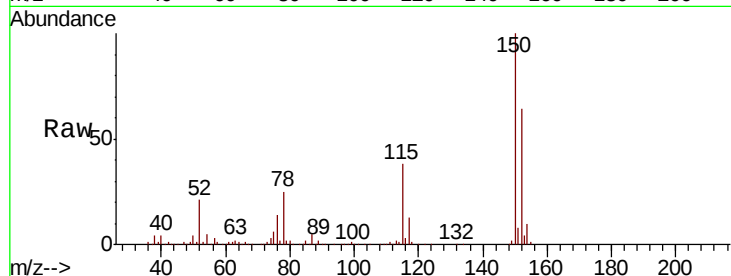


#1

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

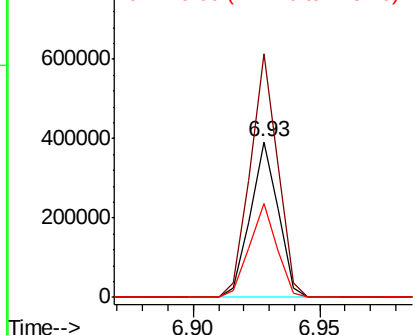
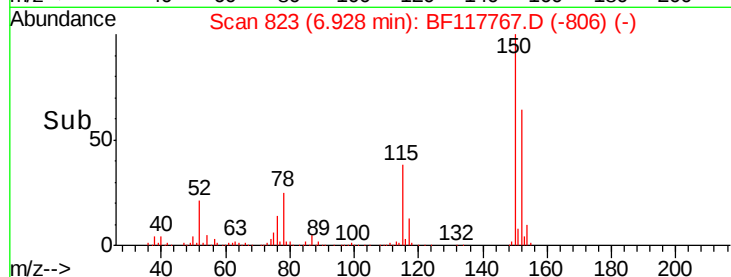


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

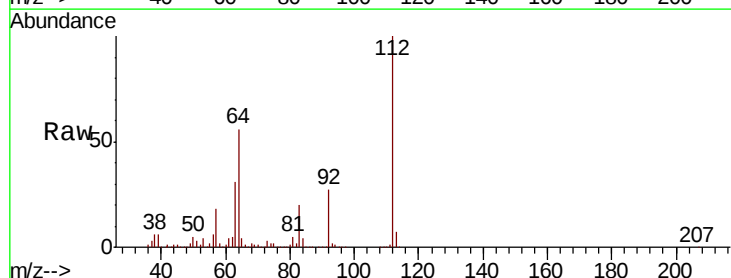
Ion 115.00 (114.70 to 115.70): E



#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

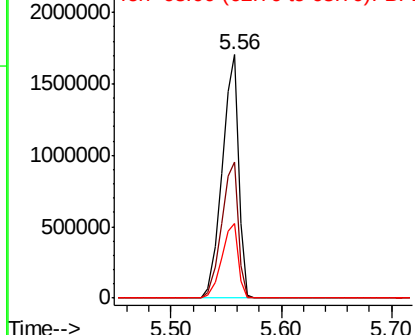
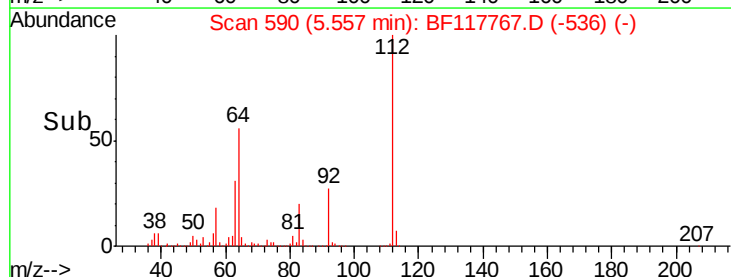


Abundance

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 :

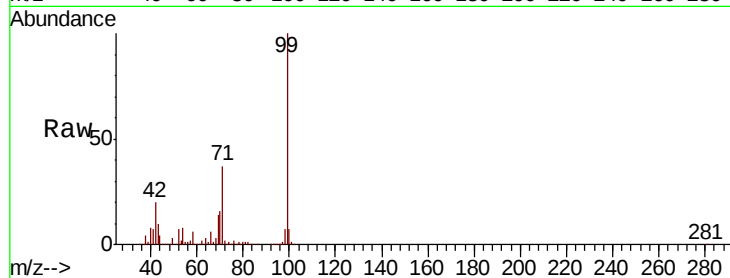
BNA_F

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

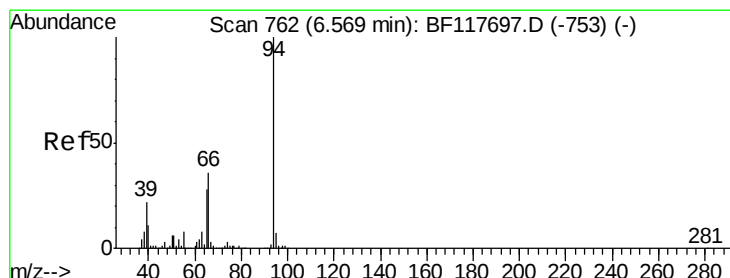
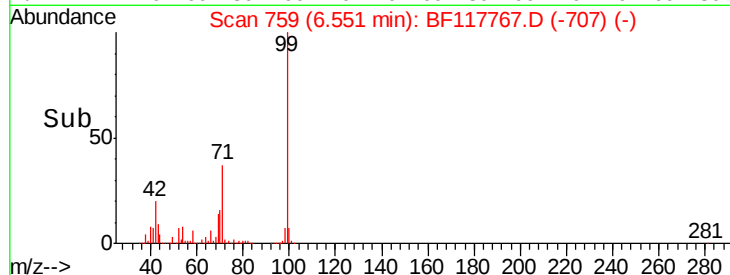
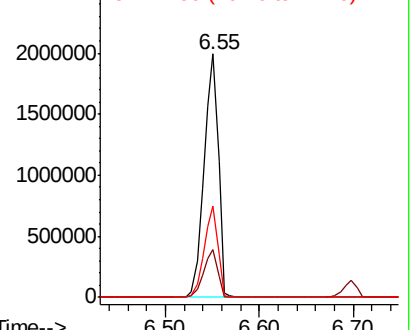


Abundance

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

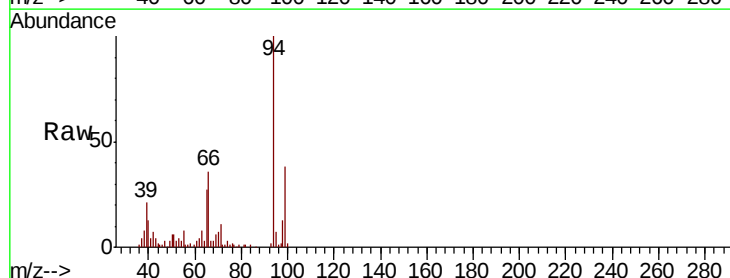
Delta R.T. 0.00 min

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

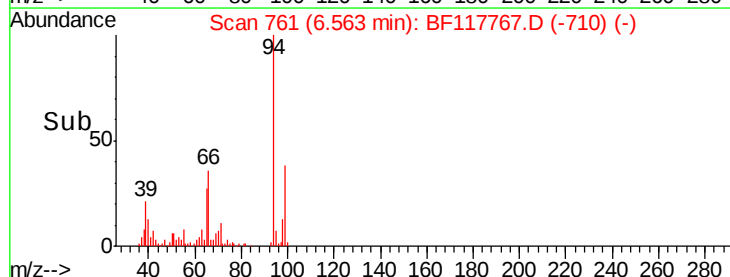
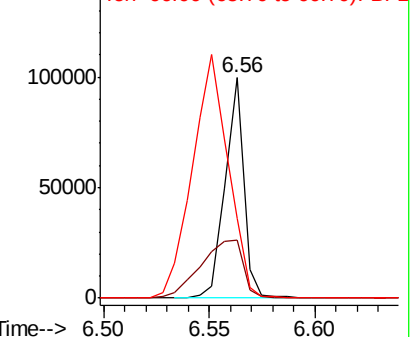


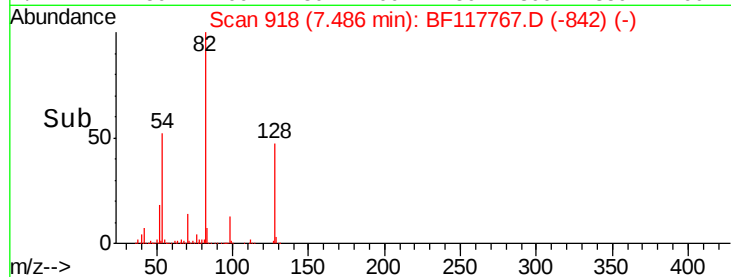
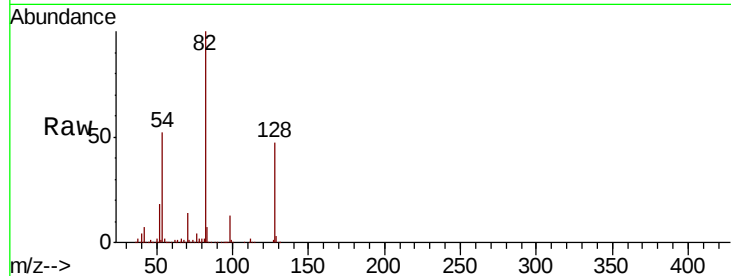
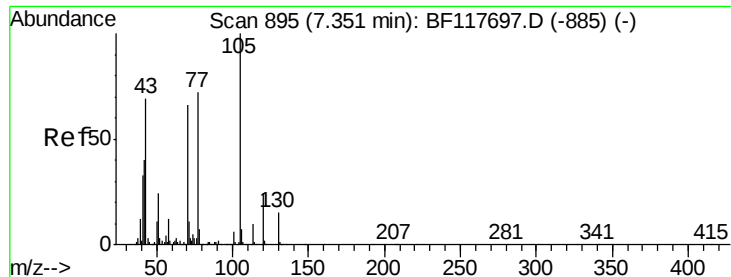
Abundance

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

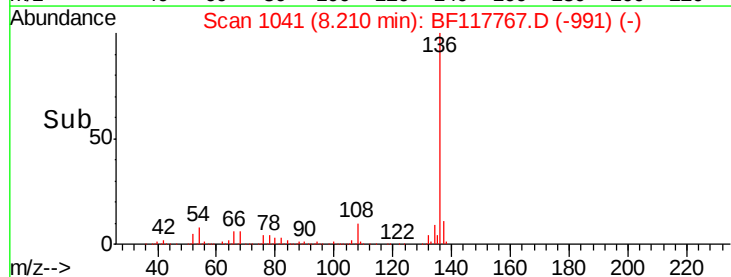
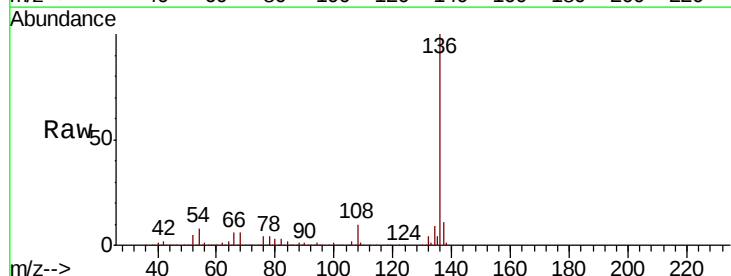
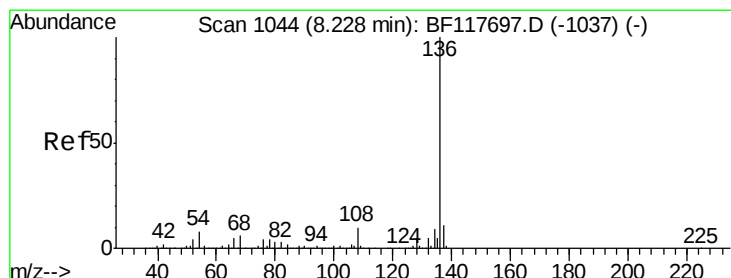
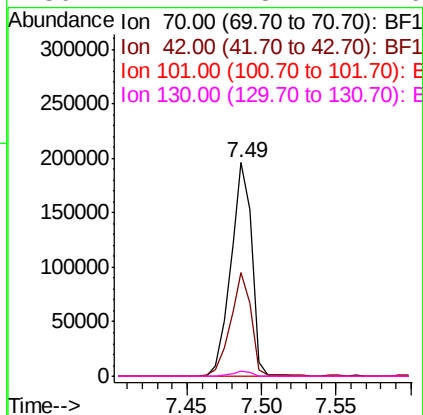




#19
n-Nitroso-di-n-propylamine
Concen: 14.415 ng
RT: 7.49 min Scan# 918
Delta R.T. 0.15 min
Lab File: BF117767.D
Acq: 12 Nov 2019 18:43

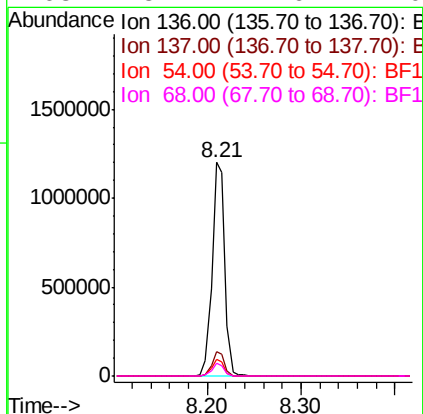
Instrument :
BNA_F
ClientSampleId :
RBR-50

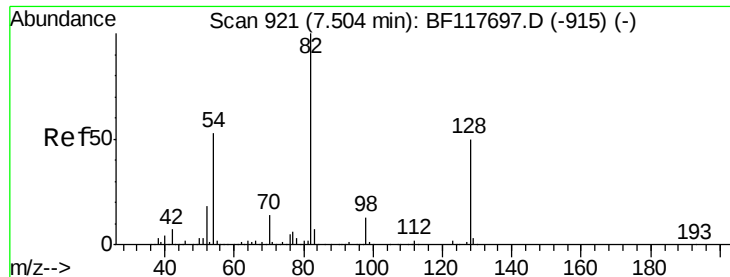
Tot Ion: 70 Resp: 194363
Ion Ratio Lower Upper
70 100
42 48.8 48.7 73.1
101 0.0 8.4 12.6#
130 2.2 18.4 27.6#



#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

Tgt 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

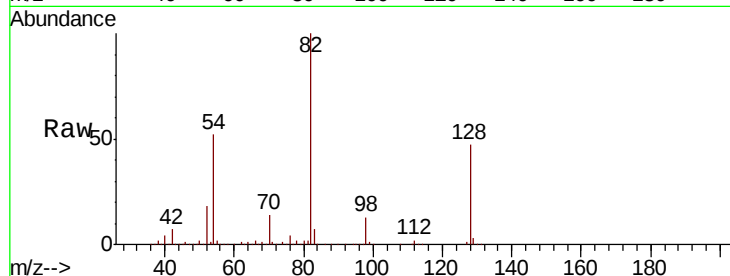




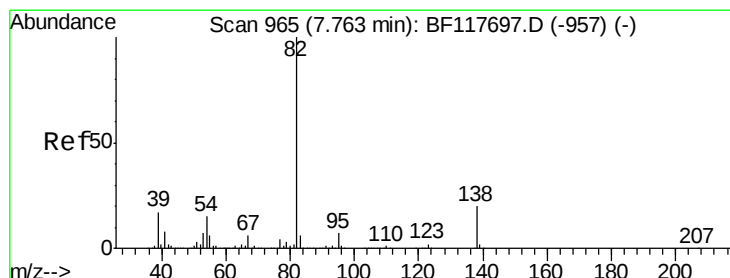
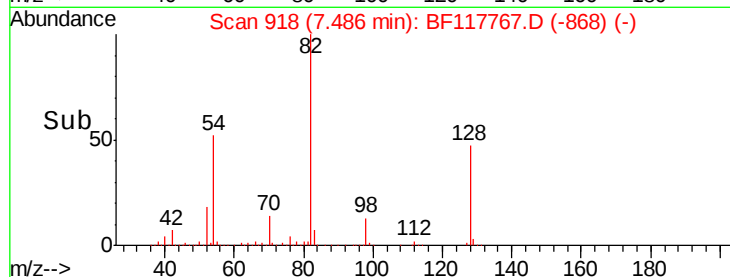
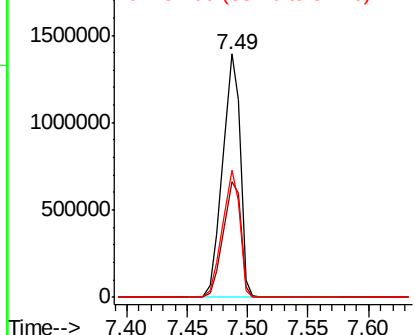
#23
Nitrobenzene-d5
Concen: 71.745 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.01 min
Lab File: BF117767.D
Acq: 12 Nov 2019 18:43

Instrument :
BNA_F
ClientSampleId :
RBR-50

Tot Ion: 82 Resp: 1399819
Ion Ratio Lower Upper
82 100
128 47.4 38.7 58.1
54 52.1 41.4 62.2

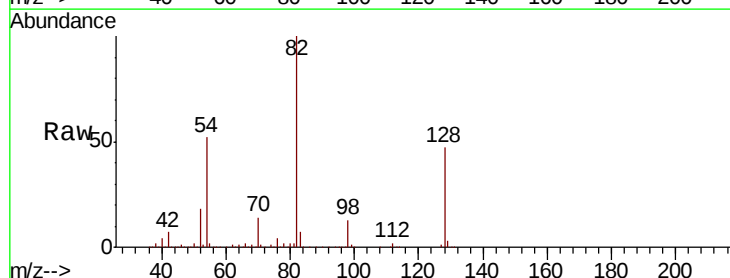


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

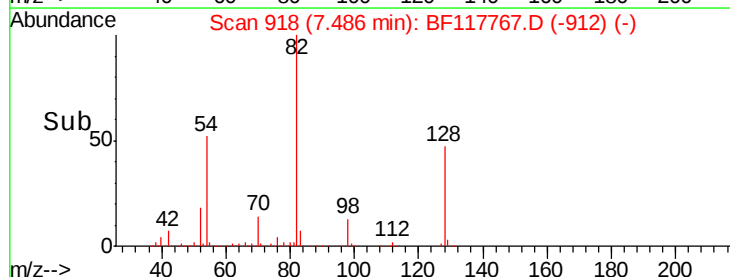
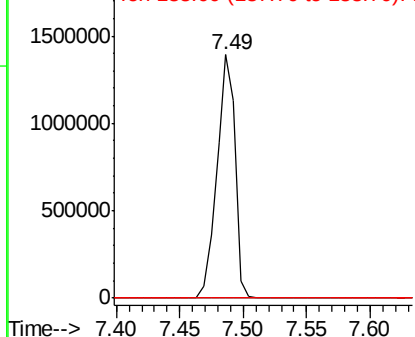


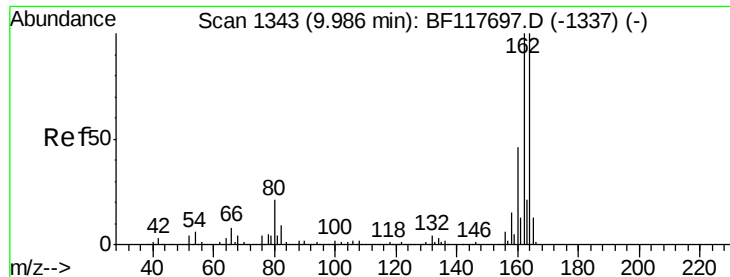
#25
Isophorone
Concen: 37.510 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.26 min
Lab File: BF117767.D
Acq: 12 Nov 2019 18:43

Tgt Ion: 82 Resp: 1399800
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 16.0 24.0#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

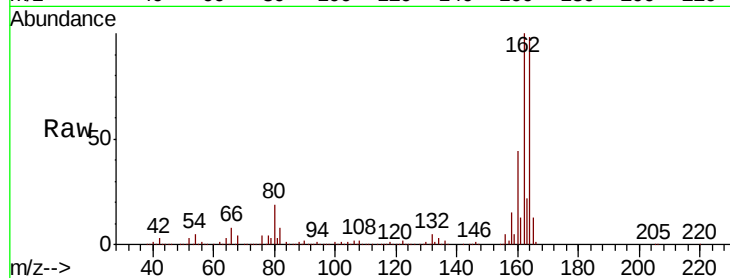




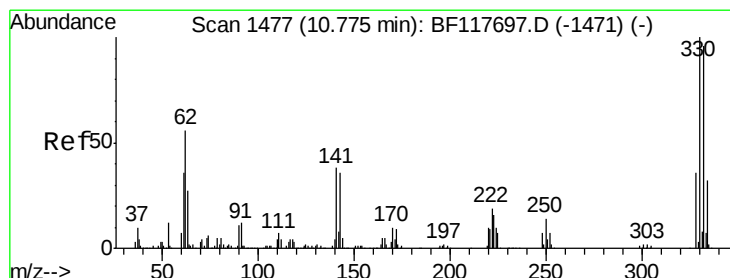
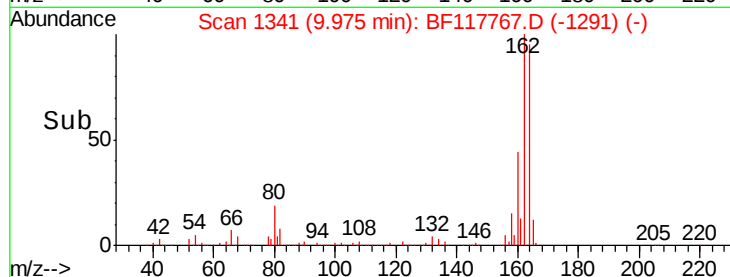
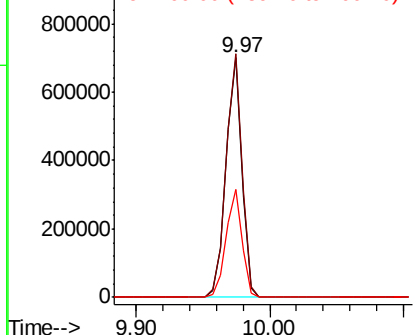
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF117767.D
Acq: 12 Nov 2019 18:43

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

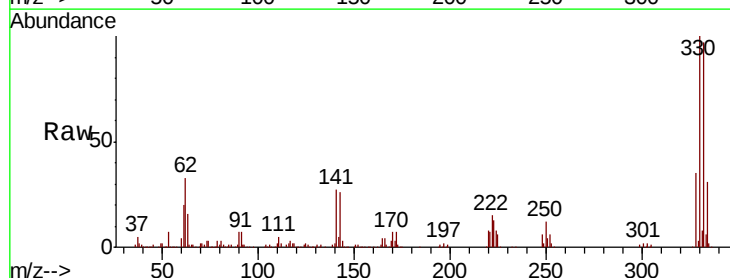


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

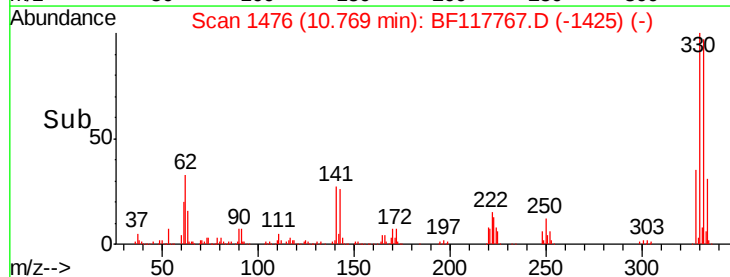
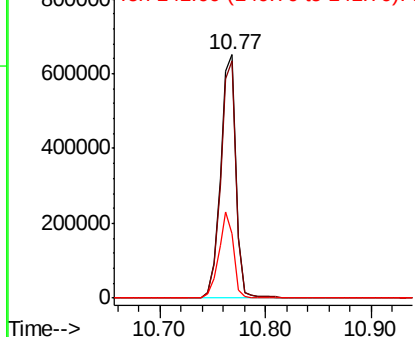


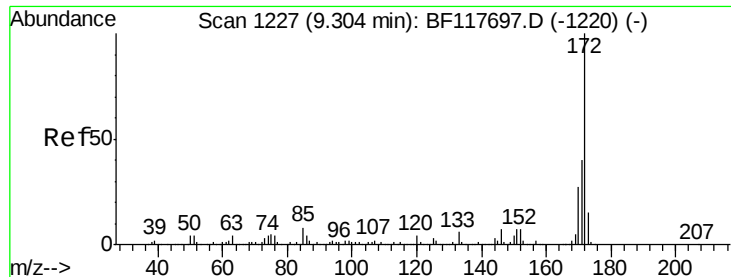
#42
2,4,6-Tribromophenol
Concen: 115.277 ng
RT: 10.77 min Scan# 1476
Delta R.T. 0.00 min
Lab File: BF117767.D
Acq: 12 Nov 2019 18:43

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

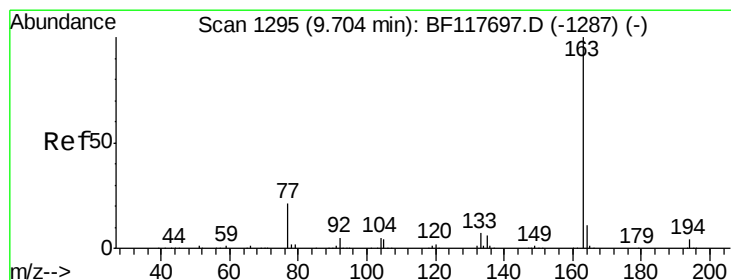
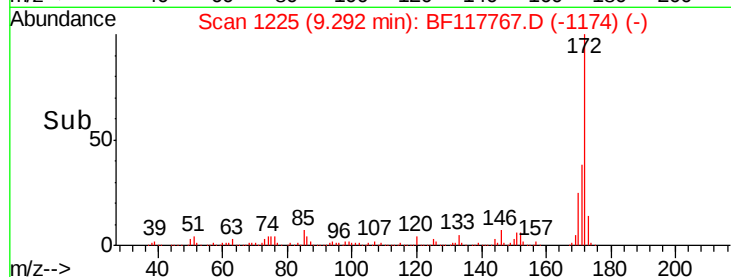
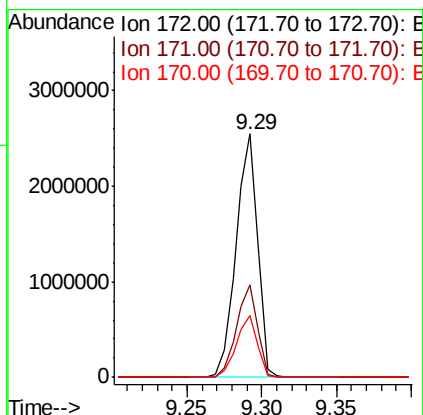
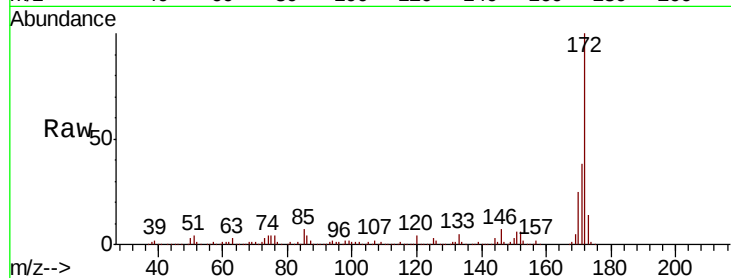




#45
2-Fluorobiphenyl
Concen: 85.257 ng
RT: 9.29 min Scan# 1225
Delta R.T. 0.00 min
Lab File: BF117767.D
Acq: 12 Nov 2019 18:43

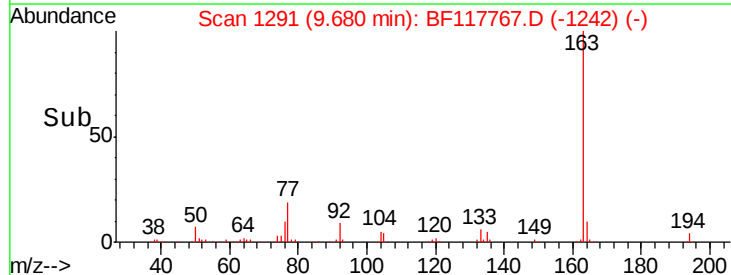
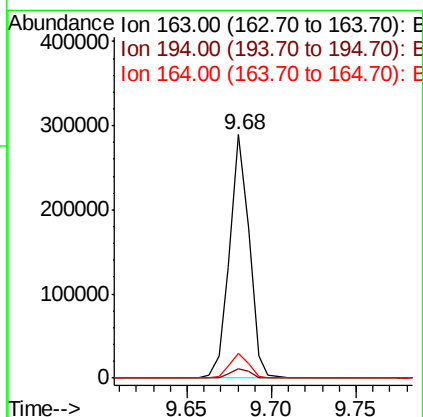
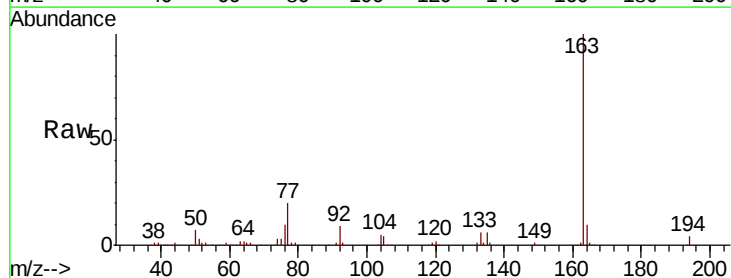
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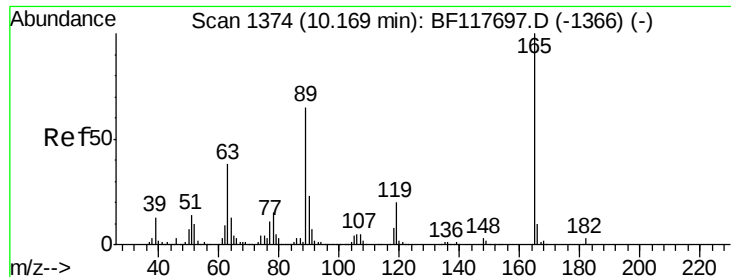
Tot Ion:172 Resp: 2574168
Ion Ratio Lower Upper
172 100
171 38.2 30.7 46.1
170 25.4 20.6 30.8



#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

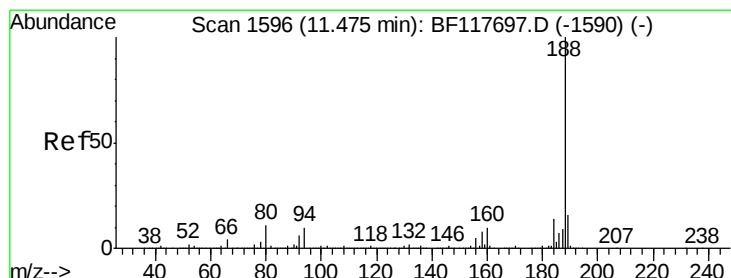
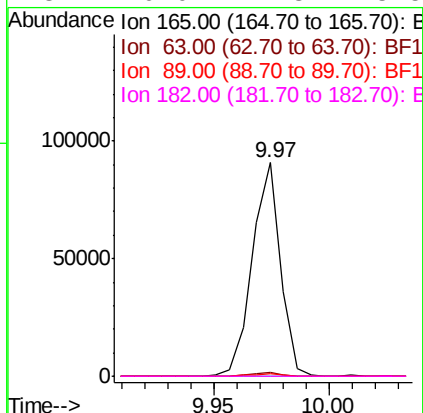
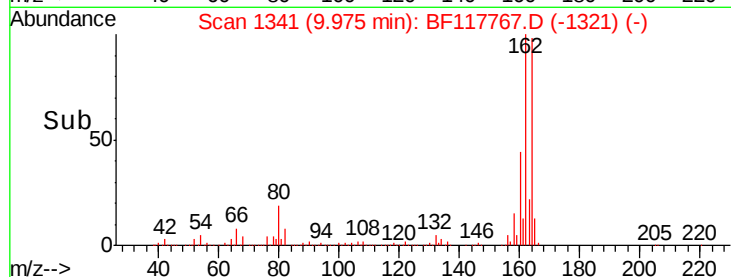
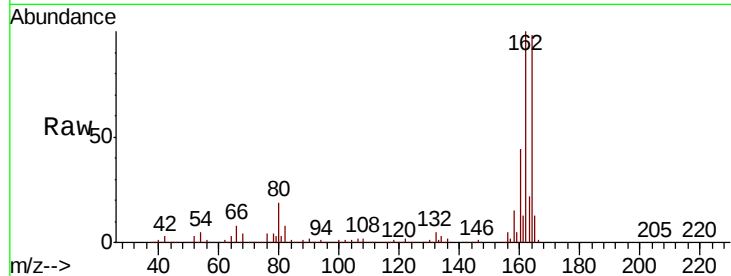




#57
 2,4-Dinitrotoluene
 Concen: 6.711 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.18 min
 Lab File: BF117767.D
 Acq: 12 Nov 2019 18:43

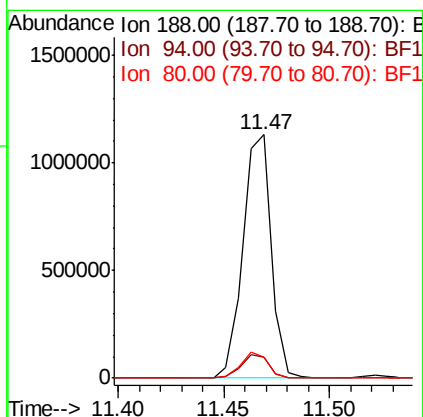
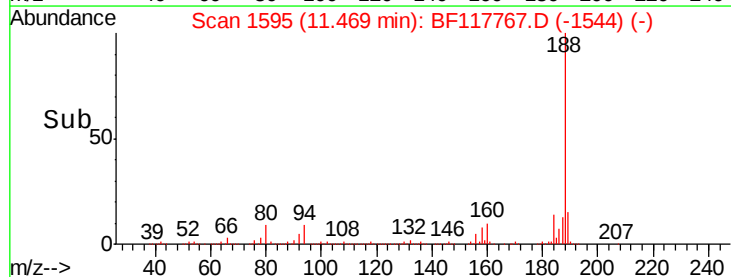
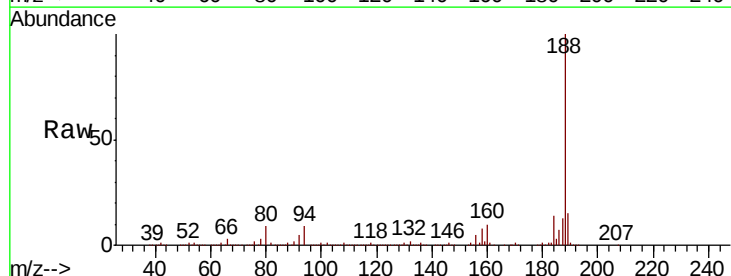
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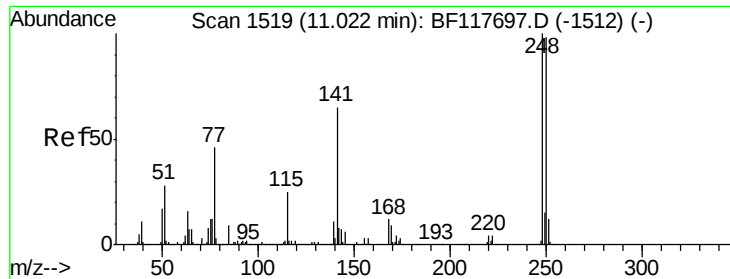
Tot Ion:165 Resp: 77634
 Ion Ratio Lower Upper
 165 100
 63 1.5 34.4 51.6#
 89 1.3 57.8 86.8#
 182 0.0 2.3 3.5#



#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

Tgt Ion:188 Resp: 1046026
 Ion Ratio Lower Upper
 188 100
 94 8.6 7.4 11.2
 80 8.7 8.1 12.1





#67

4-Bromophenyl-phenylether

Concen: 3.754 ng

RT: 10.76 min Scan# 1475

Delta R.T. -0.25 min

Lab File: BF117767.D

Acq: 12 Nov 2019 18:43

Instrument :

BNA_F

ClientSampleId :

RBR-50

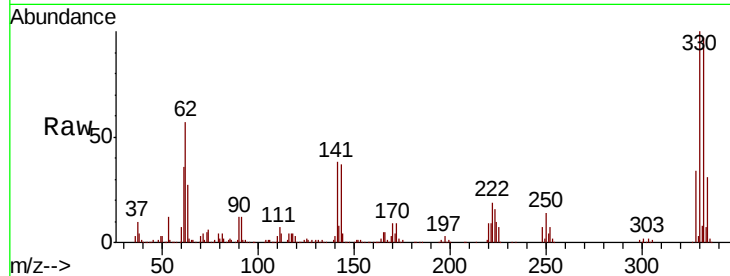
Tot Ion:248 Resp: 42885

Ion Ratio Lower Upper

248 100

250 191.6 77.8 116.6#

141 538.6 58.6 88.0#

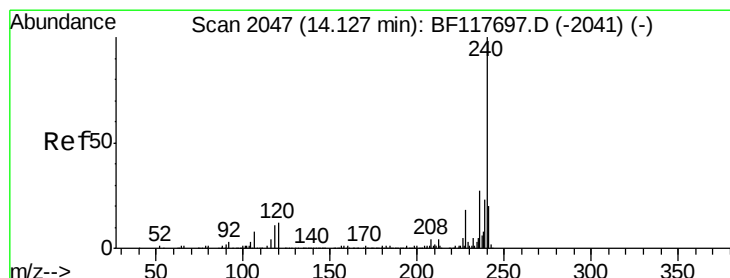
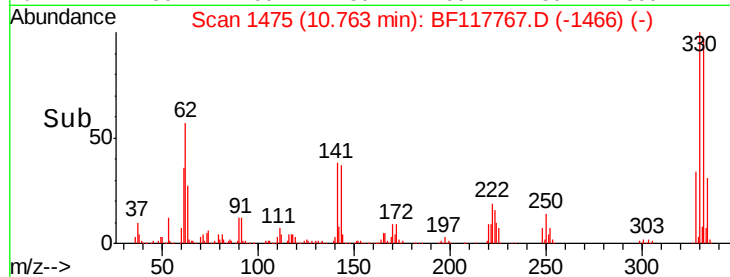
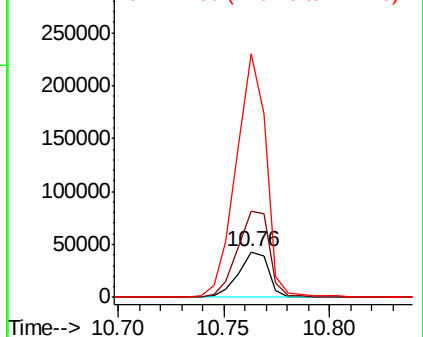


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#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

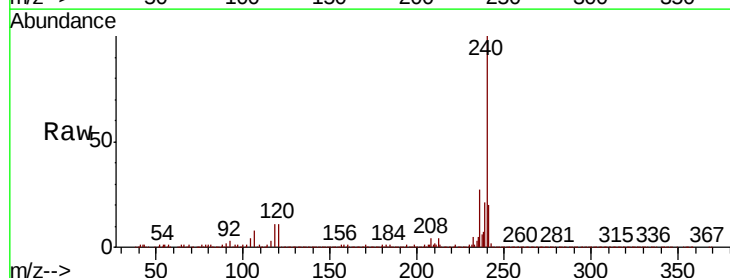
Tgt Ion:240 Resp: 745905

Ion Ratio Lower Upper

240 100

120 11.5 9.3 13.9

236 26.9 21.4 32.0

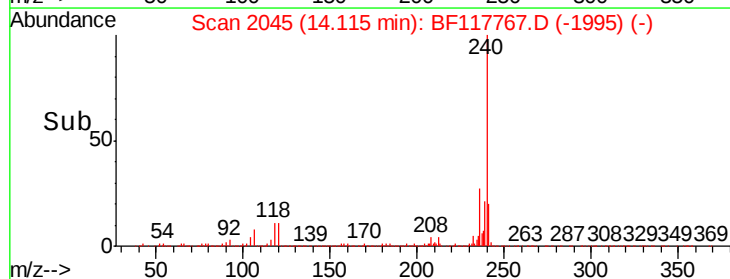
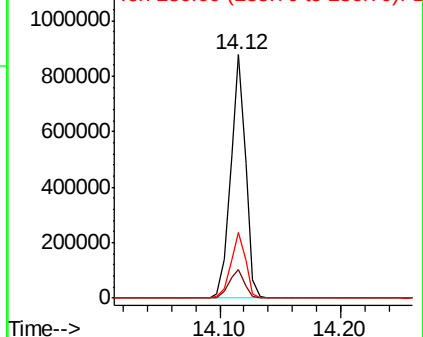


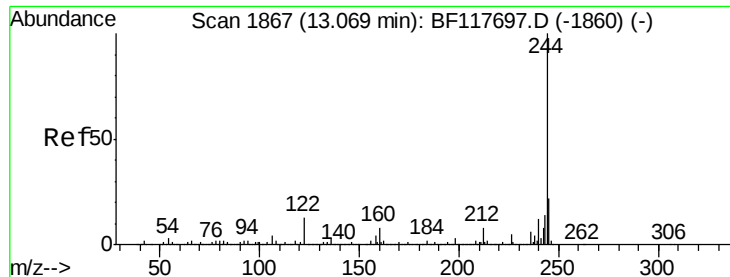
Abundance

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





#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

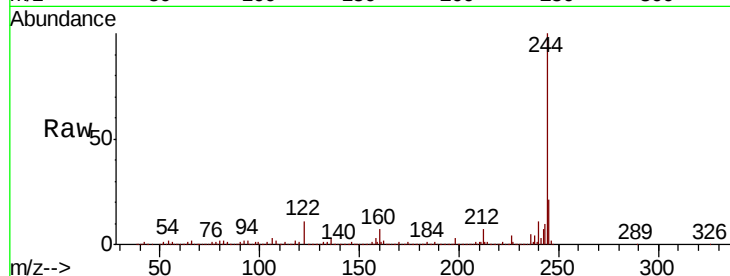
Tot Ion:244 Resp: 2727399

Ion Ratio Lower Upper

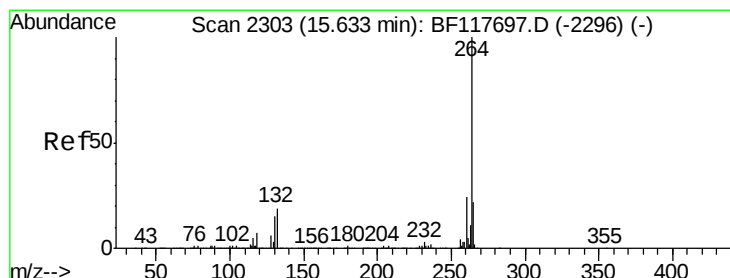
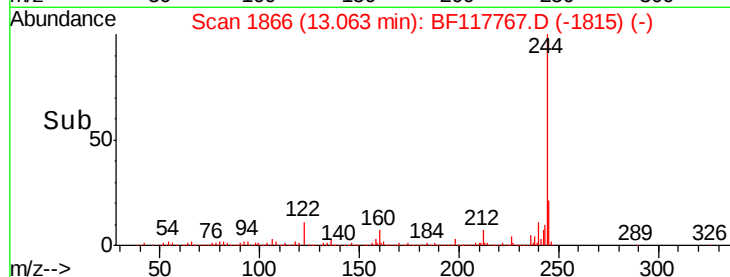
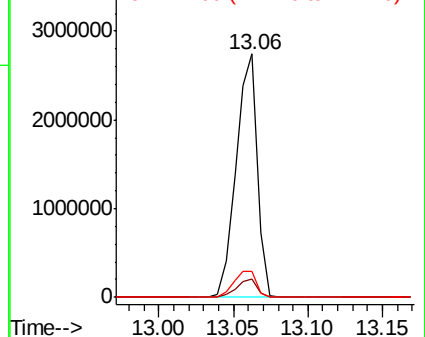
244 100

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

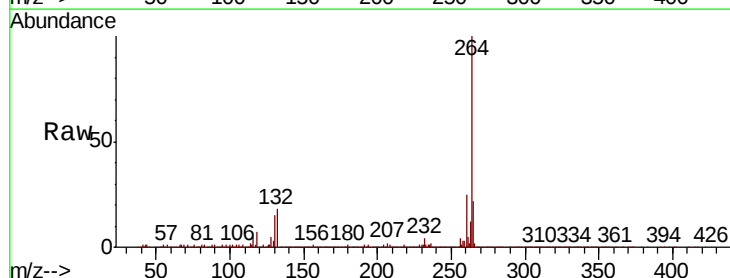
Tgt Ion:264 Resp: 784624

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

