

Data File : BF118649.D
Acq On : 21 Jan 2020 23:09
Operator : CG/JU
Sample : L1205-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP-5

Quant Time: Jan 22 04:22:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 20 14:45:03 2020
Response via : Initial Calibration

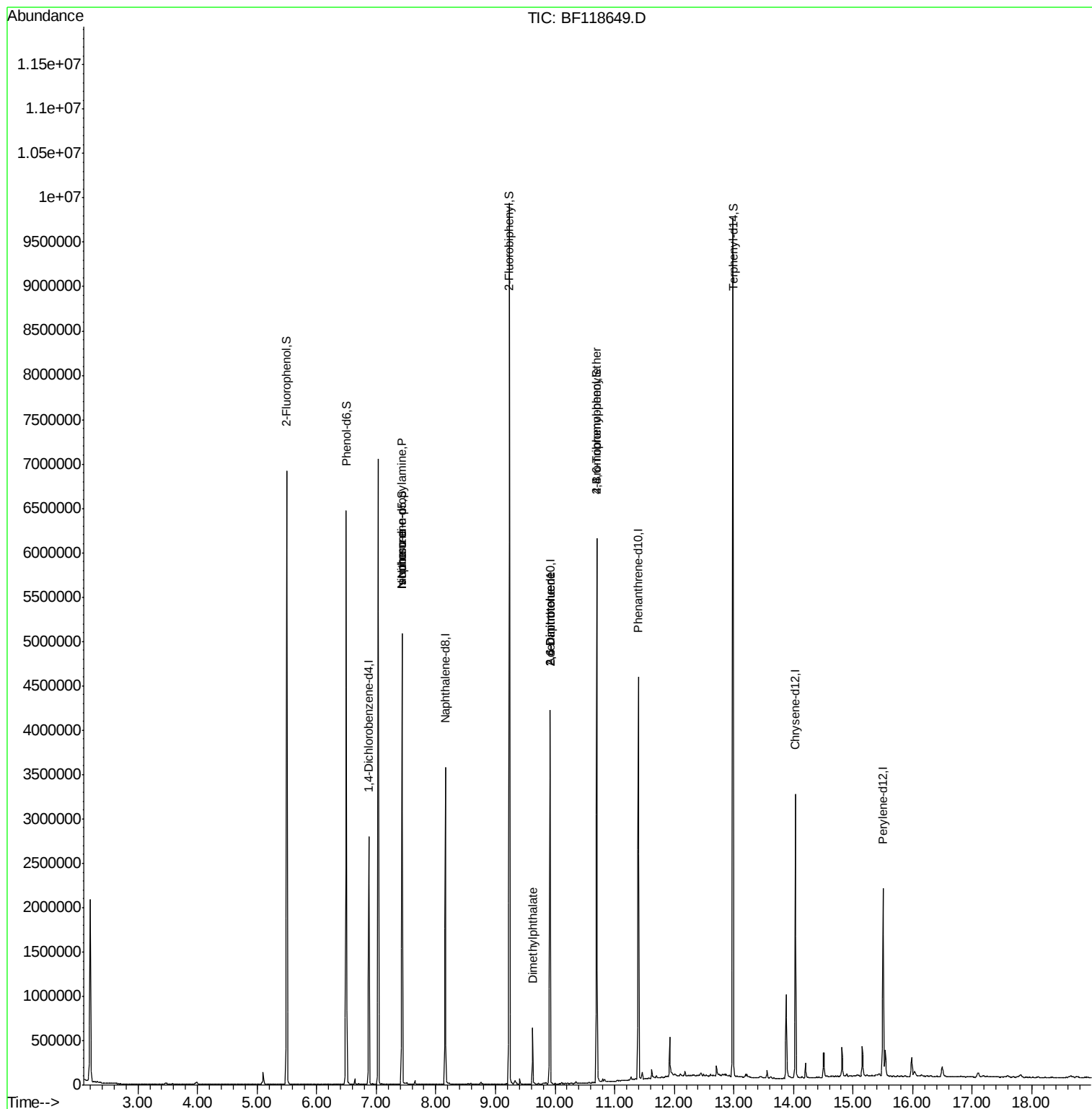
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	417294	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1548289	20.00	ng	-0.01
39) Acenaphthene-d10	9.92	164	853413	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	1544979	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	1003909	20.00	ng	-0.01
87) Perylene-d12	15.50	264	1012396	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	2112042	94.00	ng	0.00
7) Phenol-d6	6.50	99	2677948	91.70	ng	-0.01
23) Nitrobenzene-d5	7.43	82	1700921	61.45	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	882642	89.42	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	3153991	60.74	ng	-0.01
79) Terphenyl-d14	12.99	244	3624391	78.74	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	236933	12.016	ng	# 77
25) Isophorone	7.43	82	1697027	33.612	ng	# 64
50) Dimethylphthalate	9.62	163	238273	4.285	ng	# 97
51) 2,6-Dinitrotoluene	9.92	165	112261	9.017	ng	# 21
57) 2,4-Dinitrotoluene	9.92	165	112261	7.152	ng	# 25
67) 4-Bromophenyl-phenylether	10.70	248	56722	2.972	ng	# 1

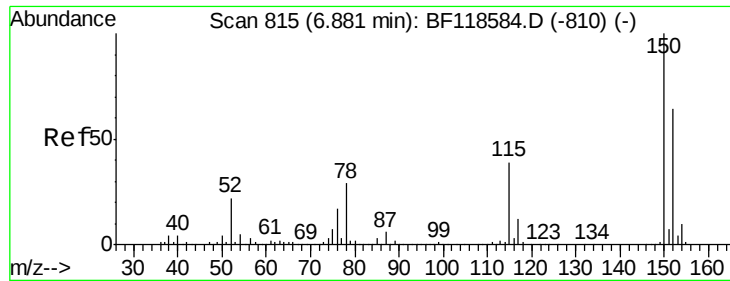
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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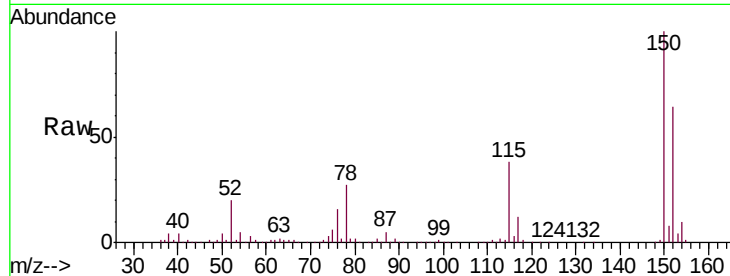




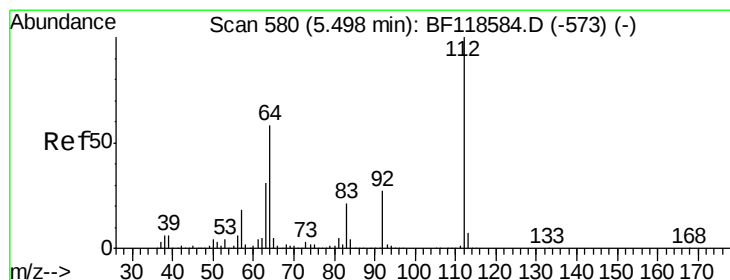
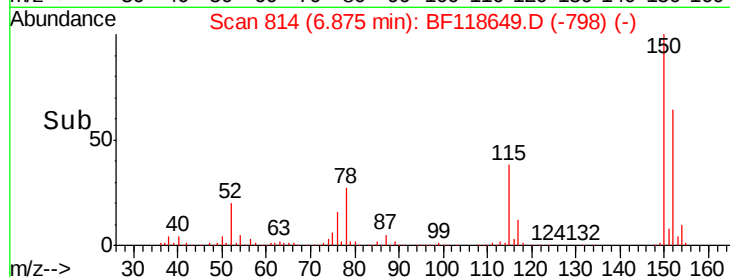
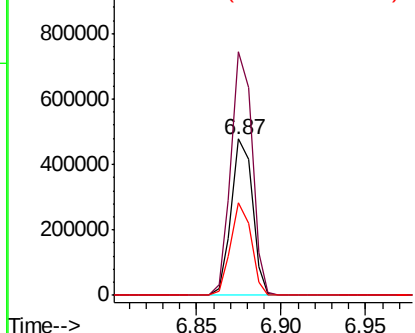
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF118649.D
 Acq: 21 Jan 2020 23:09

Instrument :
 BNA_F
 ClientSampleId :
 EP-5

Tgt Ion:152 Resp: 417294
 Ion Ratio Lower Upper
 152 100
 150 156.1 125.6 188.4
 115 59.3 48.4 72.6

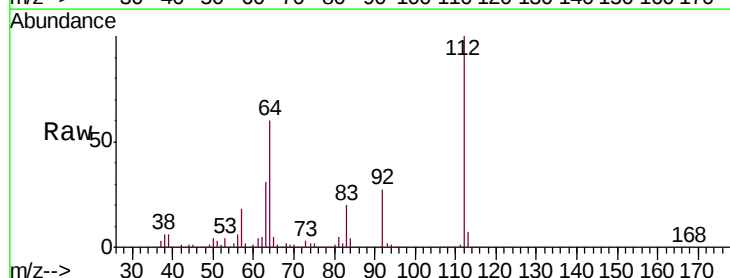


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

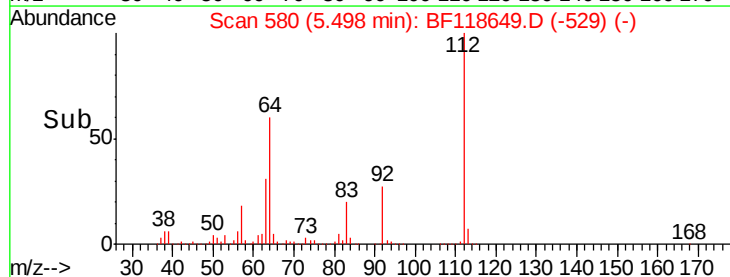
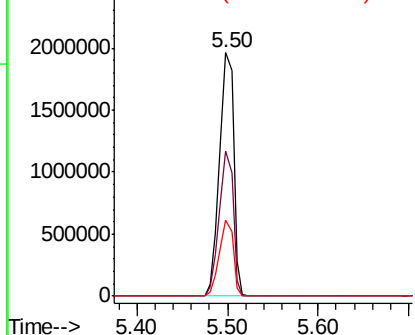


#5
 2-Fluorophenol
 Concen: 94.001 ng
 RT: 5.50 min Scan# 580
 Delta R.T. 0.00 min
 Lab File: BF118649.D
 Acq: 21 Jan 2020 23:09

Tgt Ion:112 Resp: 2112042
 Ion Ratio Lower Upper
 112 100
 64 59.5 46.6 70.0
 63 31.0 25.1 37.7



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: 91.701 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF118649.D

Acq: 21 Jan 2020 23:09

Instrument :

BNA_F

ClientSampleId :

EP-5

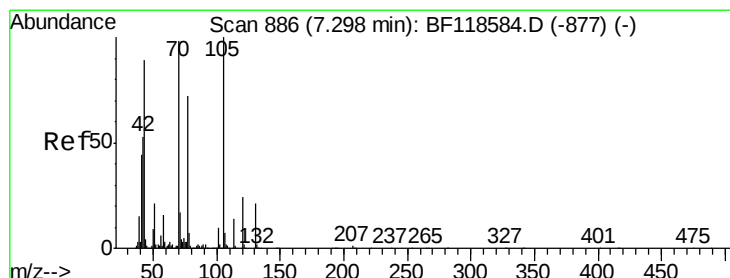
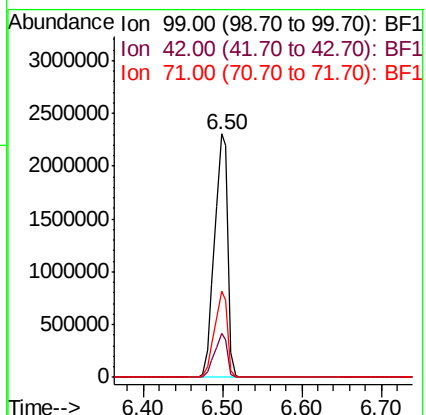
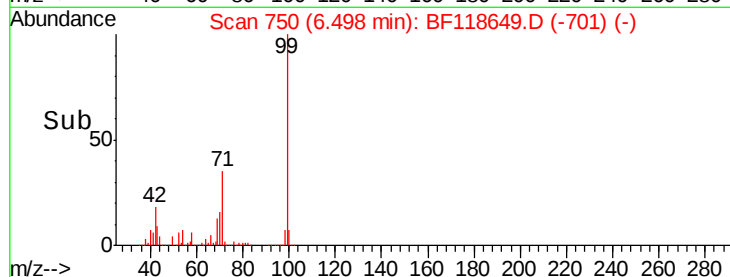
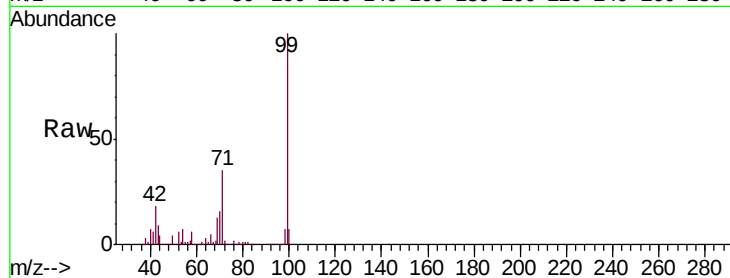
Tgt Ion: 99 Resp: 2677948

Ion Ratio Lower Upper

99 100

42 18.0 14.2 21.2

71 35.2 27.8 41.6



#19

n-Nitroso-di-n-propylamine

Concen: 12.016 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.14 min

Lab File: BF118649.D

Acq: 21 Jan 2020 23:09

Tgt Ion: 70 Resp: 236933

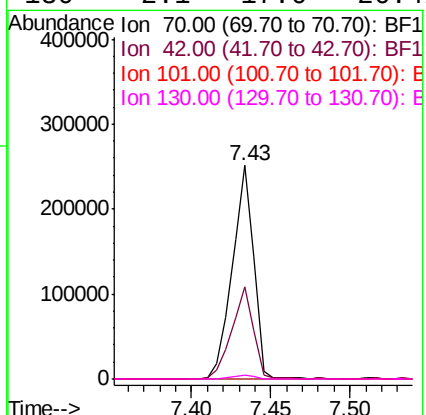
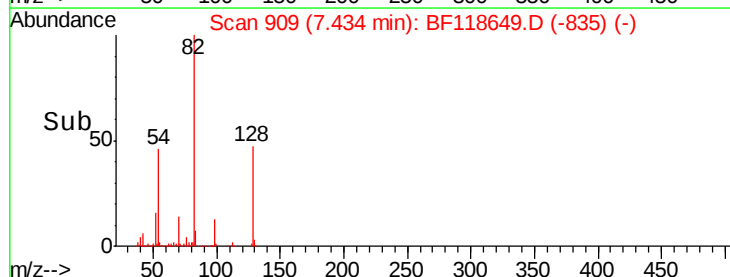
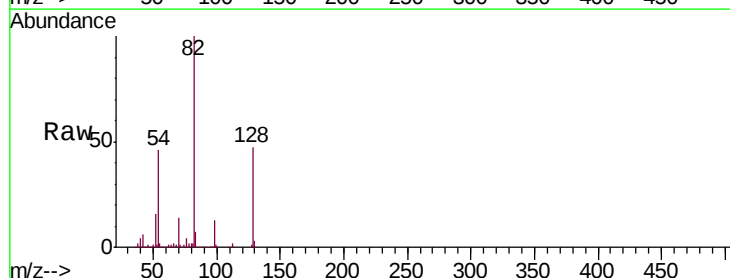
Ion Ratio Lower Upper

70 100

42 43.2 43.4 65.0#

101 0.0 8.1 12.1#

130 2.1 17.6 26.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF118649.D

Acq: 21 Jan 2020 23:09

Instrument :

BNA_F

ClientSampleId :

EP-5

Tgt Ion:136 Resp: 1548289

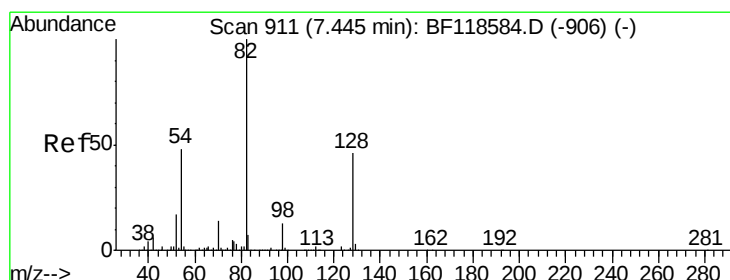
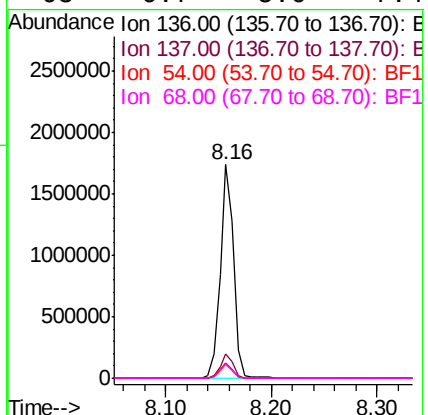
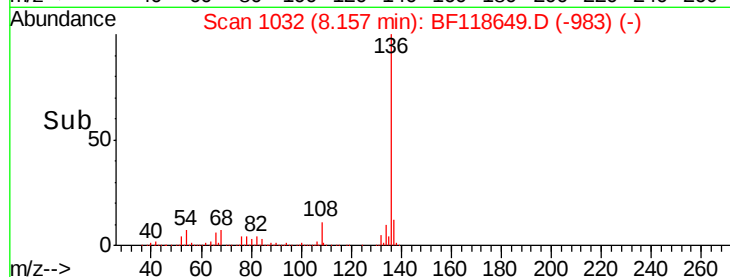
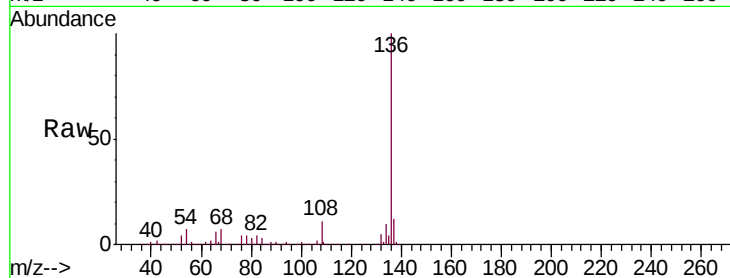
Ion Ratio Lower Upper

136 100

137 11.6 9.1 13.7

54 7.5 5.8 8.6

68 6.7 5.0 7.4



#23

Nitrobenzene-d5

Concen: 61.448 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF118649.D

Acq: 21 Jan 2020 23:09

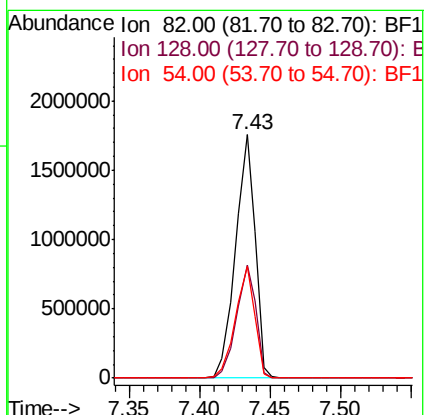
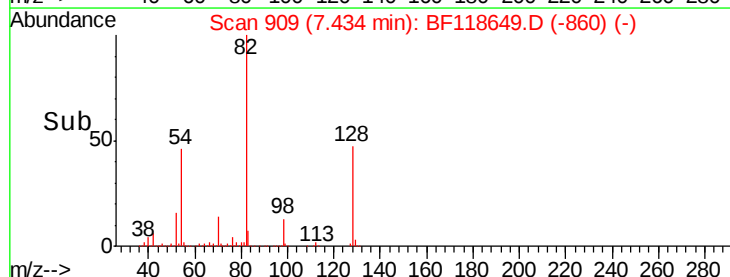
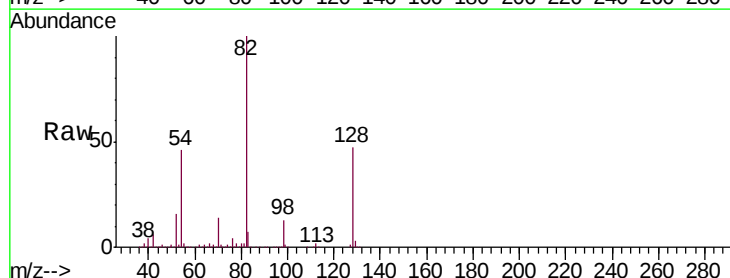
Tgt Ion: 82 Resp: 1700921

Ion Ratio Lower Upper

82 100

128 46.5 36.6 54.8

54 45.7 38.0 57.0

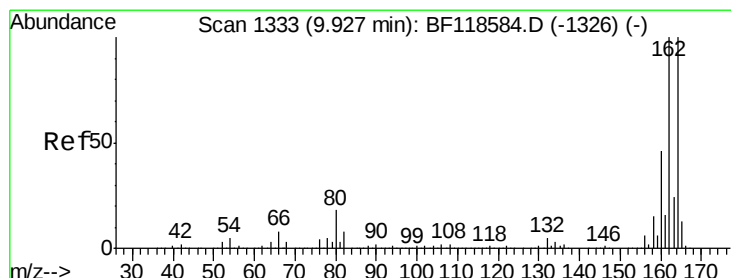
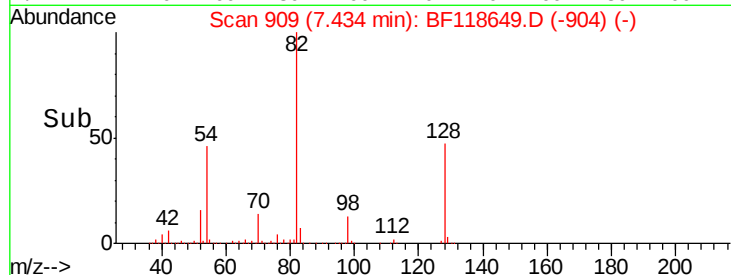
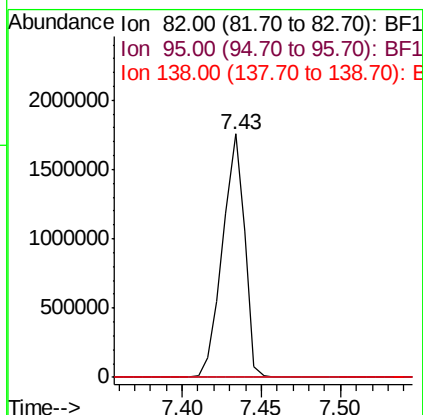
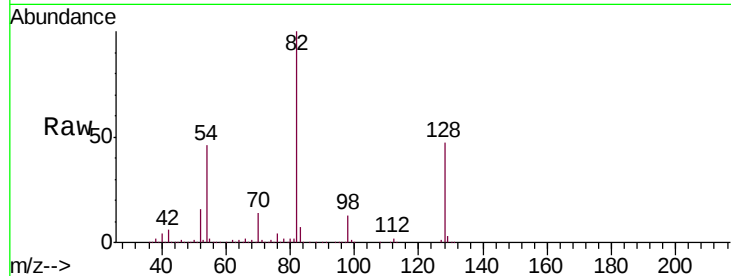




#25
Isophorone
Concen: 33.612 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.27 min
Lab File: BF118649.D
Acq: 21 Jan 2020 23:09

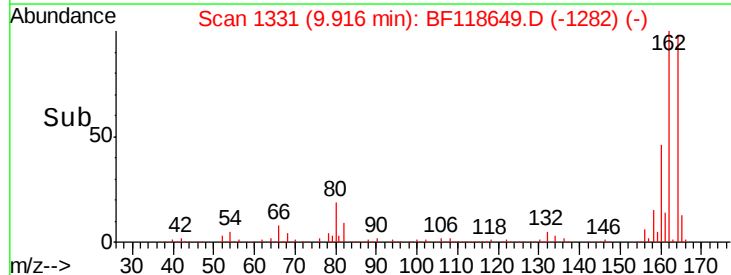
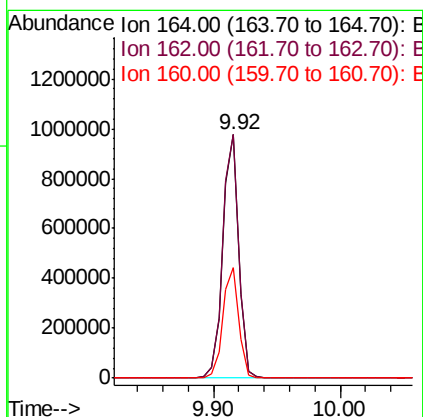
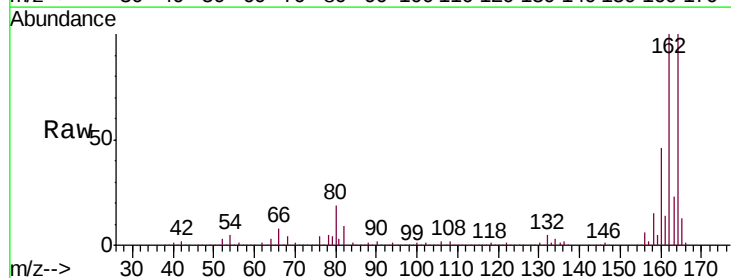
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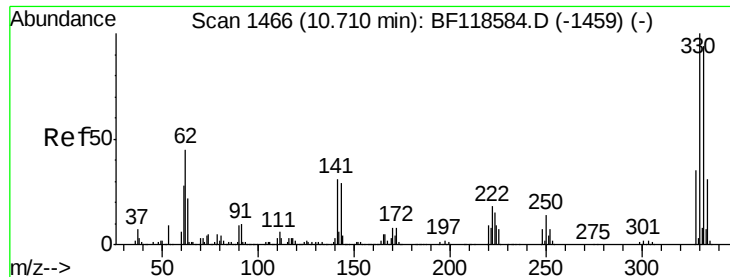
Tgt Ion: 82 Resp: 1697027
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 15.3 22.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF118649.D
Acq: 21 Jan 2020 23:09

Tgt Ion: 164 Resp: 853413
Ion Ratio Lower Upper
164 100
162 100.1 80.4 120.6
160 45.6 36.6 55.0

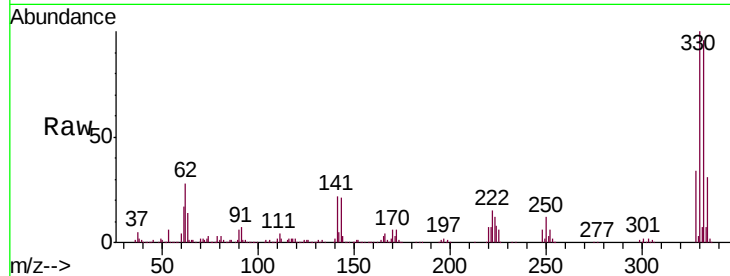




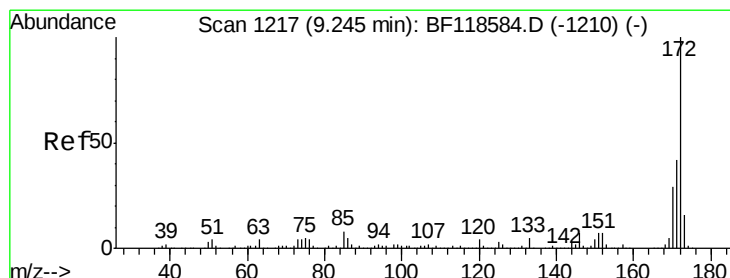
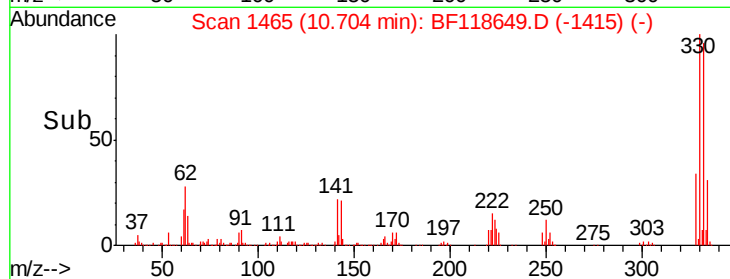
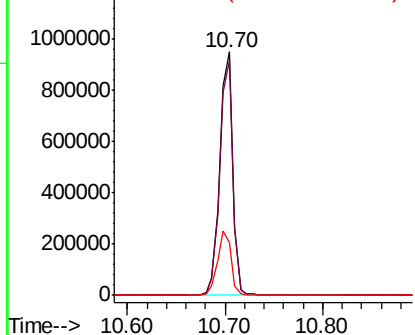
#42
 2,4,6-Tribromophenol
 Concen: 89.419 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF118649.D
 Acq: 21 Jan 2020 23:09

Instrument :
 BNA_F
 ClientSampleId :
 EP-5

Tgt Ion:330 Resp: 882642
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.2 114.4
 141 27.7 23.9 35.9

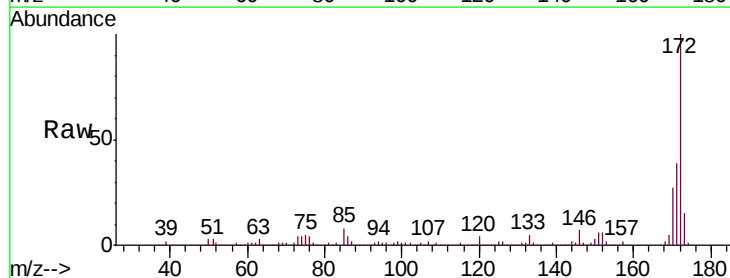


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

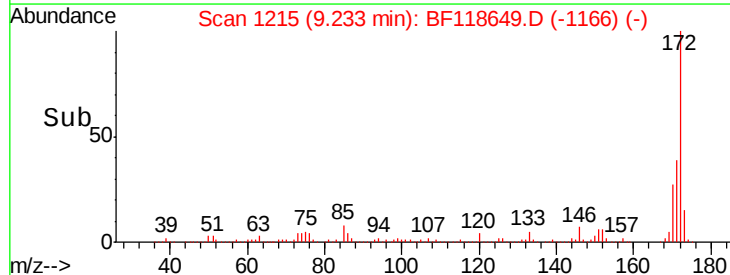
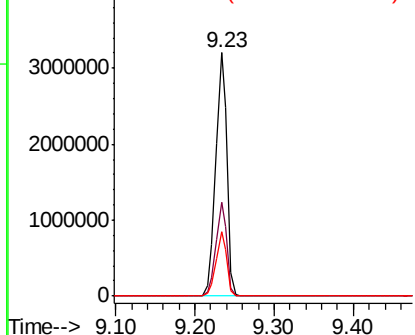


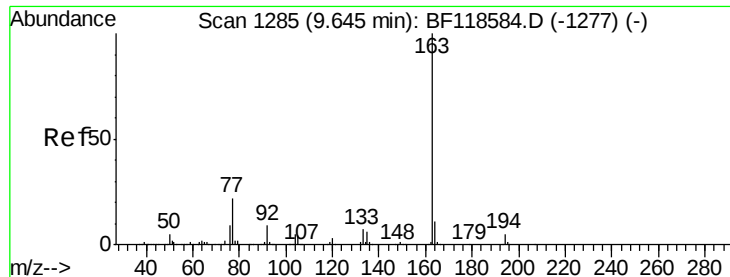
#45
 2-Fluorobiphenyl
 Concen: 60.744 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF118649.D
 Acq: 21 Jan 2020 23:09

Tgt Ion:172 Resp: 3153991
 Ion Ratio Lower Upper
 172 100
 171 38.8 33.4 50.2
 170 26.5 23.2 34.8



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

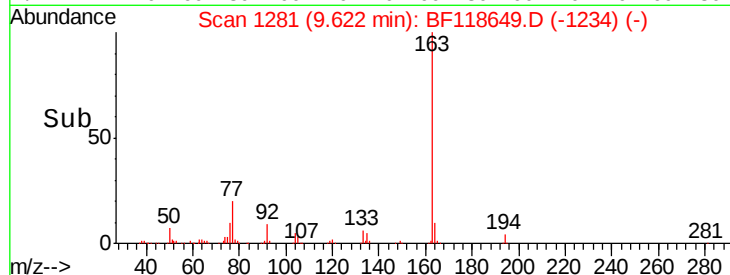
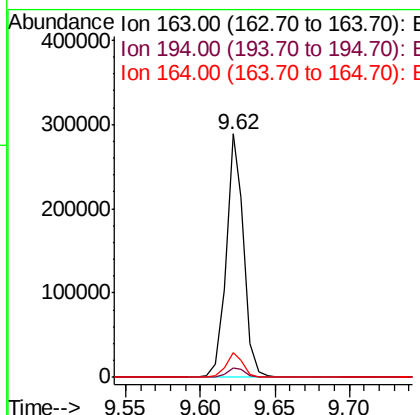
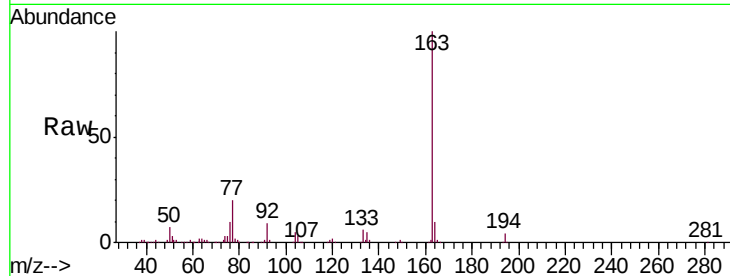




#50
Dimethylphthalate
Concen: 4.285 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF118649.D
Acq: 21 Jan 2020 23:09

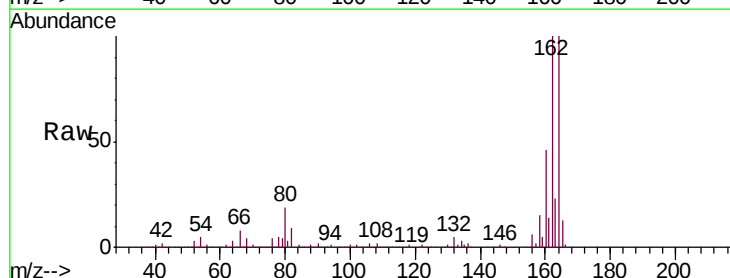
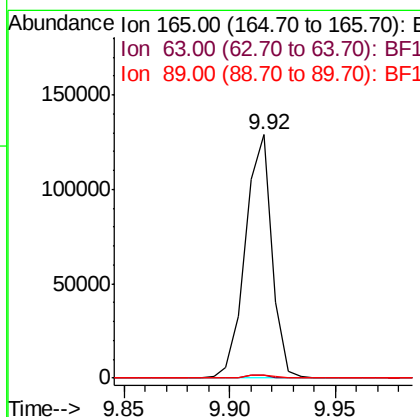
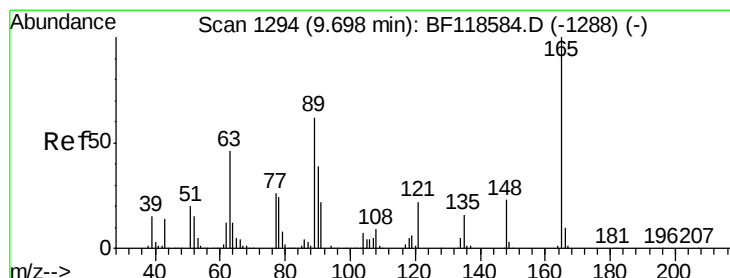
Instrument :
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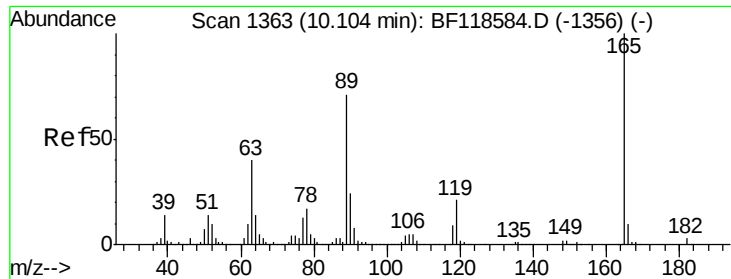
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.9	5.9#
164	10.4	9.1	13.7



#51
2,6-Dinitrotoluene
Concen: 9.017 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.22 min
Lab File: BF118649.D
Acq: 21 Jan 2020 23:09

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	48.9	73.3#
89	1.4	49.8	74.6#

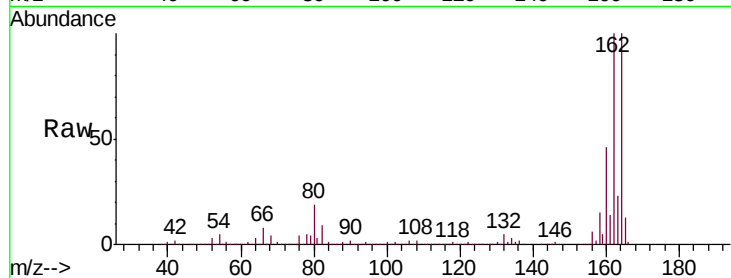




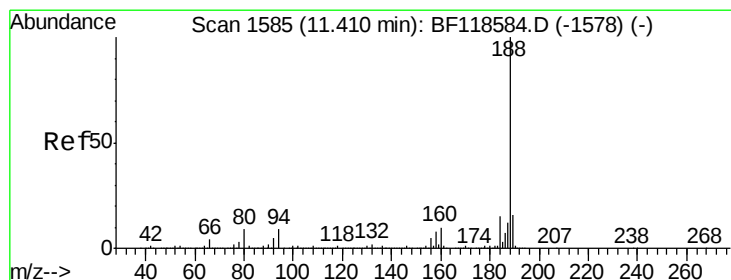
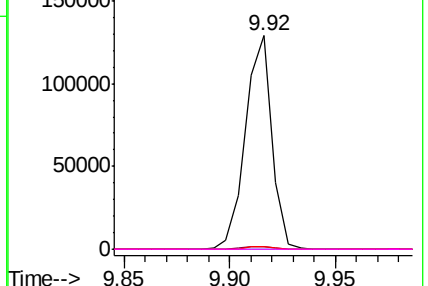
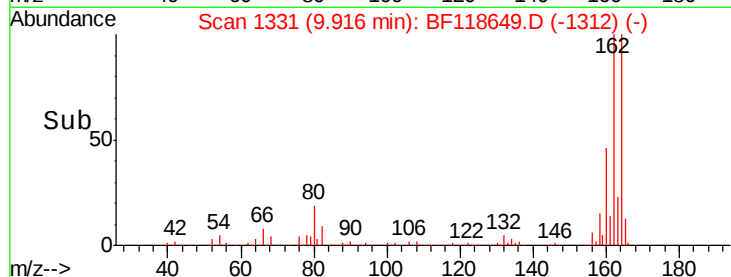
#57
 2,4-Dinitrotoluene
 Concen: 7.152 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF118649.D
 Acq: 21 Jan 2020 23:09

Instrument :
 BNA_F
 ClientSampleId :
 EP-5

Tgt Ion:	165	Resp:	112261
Ion	Ratio	Lower	Upper
165	100		
63	1.0	32.4	48.6#
89	1.4	56.4	84.6#
182	0.0	2.3	3.5#

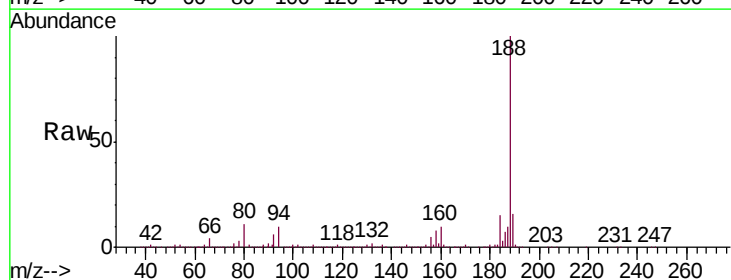


Abundance Ion 165.00 (164.70 to 165.70): E
 200000
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

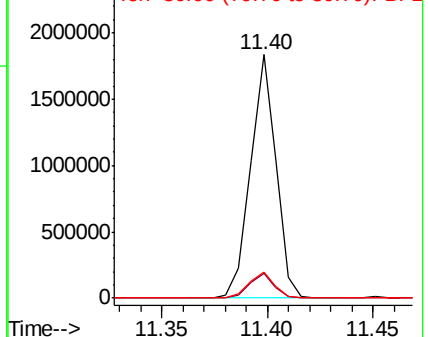
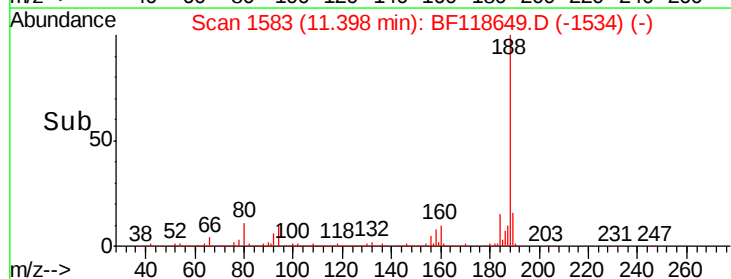


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF118649.D
 Acq: 21 Jan 2020 23:09

Tgt Ion:	188	Resp:	1544979
Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.1	10.7
80	10.7	7.5	11.3



Abundance Ion 188.00 (187.70 to 188.70): E
 2500000
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

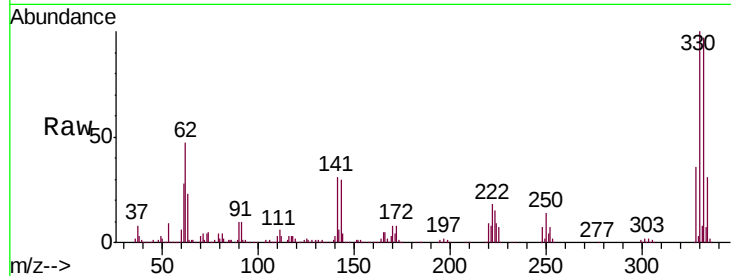




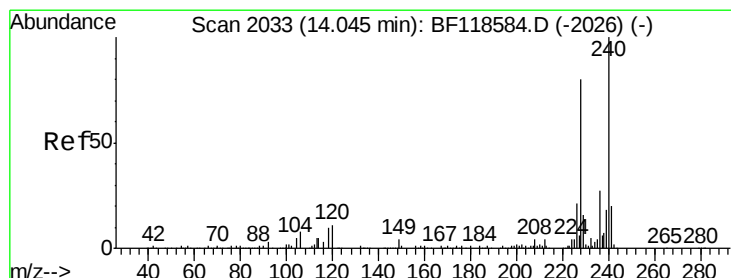
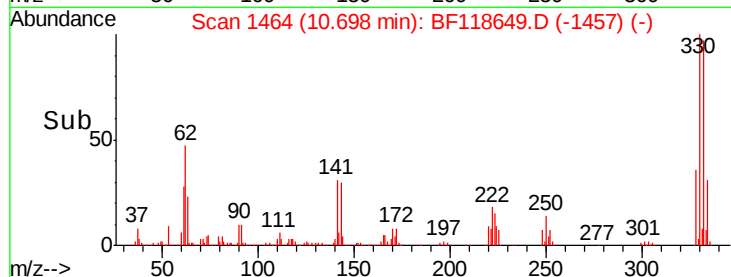
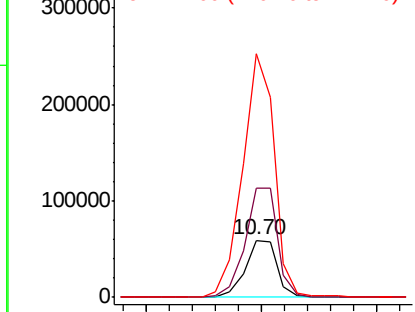
#67
4-Bromophenyl-phenylether
Concen: 2.972 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.26 min
Lab File: BF118649.D
Acq: 21 Jan 2020 23:09

Instrument :
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Tgt Ion:248 Resp: 56722
Ion Ratio Lower Upper
248 100
250 191.5 78.7 118.1#
141 426.4 43.2 64.8#

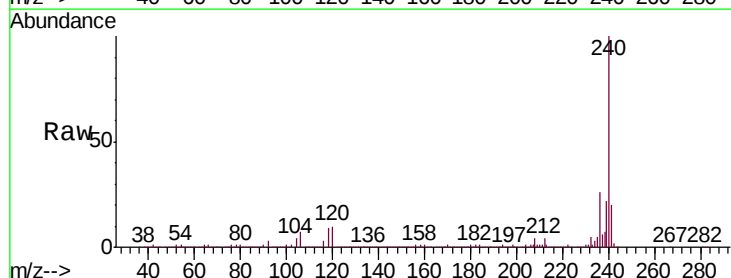


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

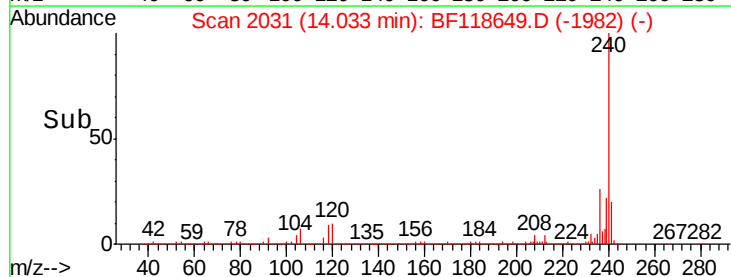
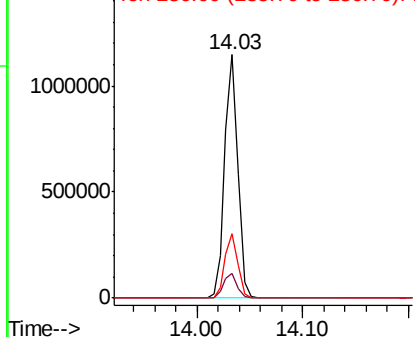


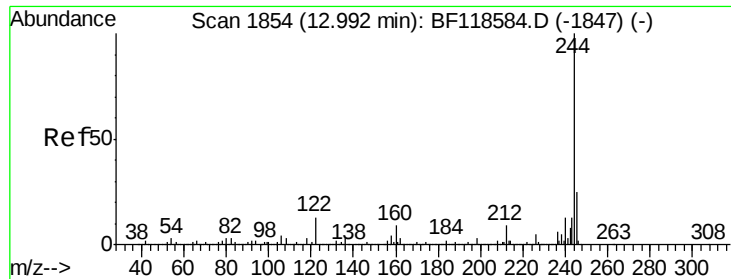
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF118649.D
Acq: 21 Jan 2020 23:09

Tgt Ion:240 Resp: 1003909
Ion Ratio Lower Upper
240 100
120 10.1 8.9 13.3
236 26.3 21.5 32.3



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: 78.744 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF118649.D

Acq: 21 Jan 2020 23:09

Instrument :

BNA_F

ClientSampleId :

EP-5

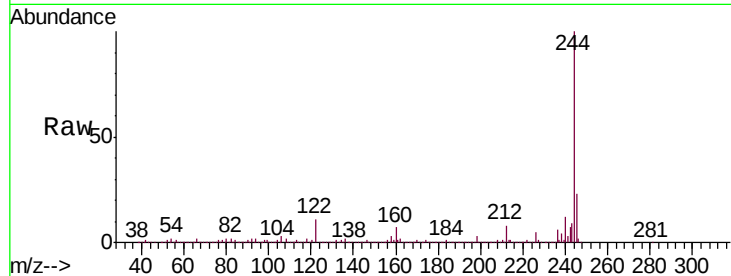
Tgt Ion:244 Resp: 3624391

Ion Ratio Lower Upper

244 100

212 7.6 7.0 10.4

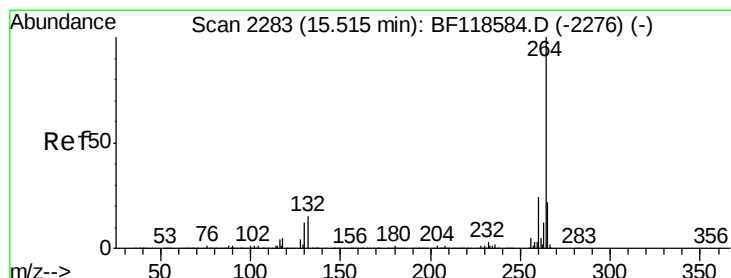
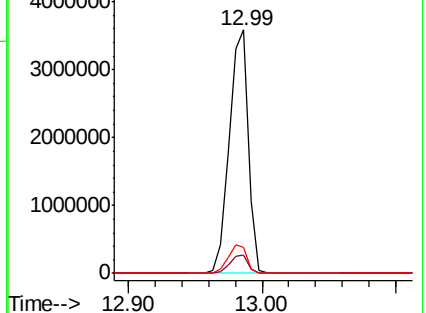
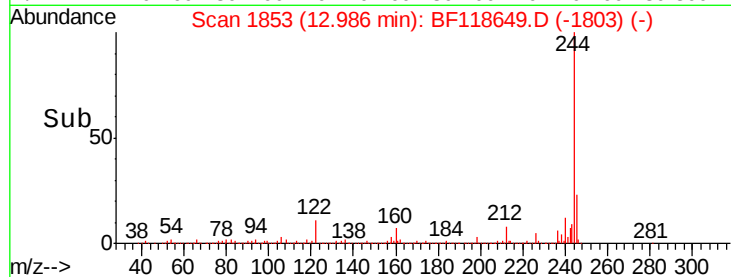
122 10.7 10.7 16.1



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: 15.50 min Scan# 2281

Delta R.T. -0.01 min

Lab File: BF118649.D

Acq: 21 Jan 2020 23:09

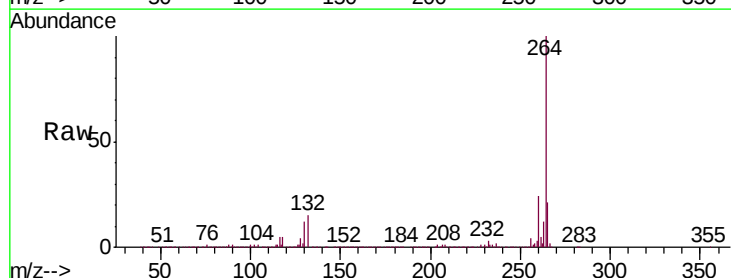
Tgt Ion:264 Resp: 1012396

Ion Ratio Lower Upper

264 100

260 23.8 19.6 29.4

265 21.1 17.7 26.5



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

