

Data File : BF118683.D
Acq On : 24 Jan 2020 14:04
Operator : CG/JU
Sample : L1241-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP-10

Quant Time: Jan 27 00:58:47 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	6.86	152	265563	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	1004022	20.00	ng	-0.03
39) Acenaphthene-d10	9.90	164	518772	20.00	ng	-0.03
64) Phenanthrene-d10	11.38	188	976609	20.00	ng	-0.03
76) Chrysene-d12	14.01	240	784689	20.00	ng	-0.04
87) Perylene-d12	15.47	264	693087	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1482930	103.71	ng	-0.02
7) Phenol-d6	6.49	99	1770946	95.29	ng	-0.02
23) Nitrobenzene-d5	7.42	82	1120861	62.44	ng	-0.03
42) 2,4,6-Tribromophenol	10.68	330	582437	97.07	ng	-0.03
45) 2-Fluorobiphenyl	9.22	172	2236687	70.86	ng	-0.03
79) Terphenyl-d14	12.96	244	2719025	75.58	ng	-0.03

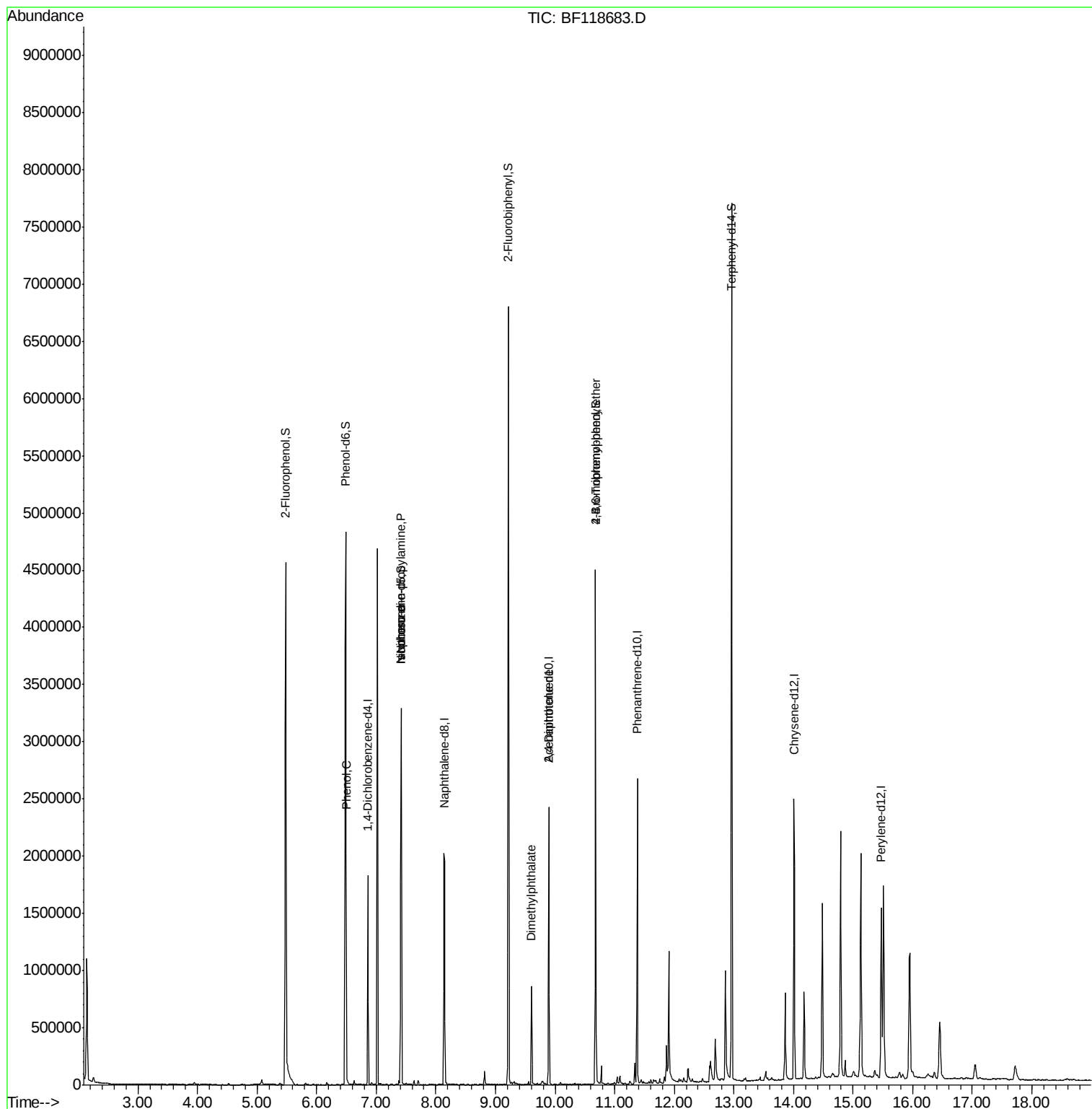
Target Compounds				Qvalue		
10) Phenol	6.50	94	55335	2.613	ng	95
19) n-Nitroso-di-n-propylamine	7.42	70	152296	12.136	ng	# 76
25) Isophorone	7.42	82	1120649	34.229	ng	# 64
50) Dimethylphthalate	9.61	163	372263	11.014	ng	96
57) 2,4-Dinitrotoluene	9.90	165	67695	7.095	ng	# 25
67) 4-Bromophenyl-phenylether	10.68	248	36870	3.056	ng	# 1

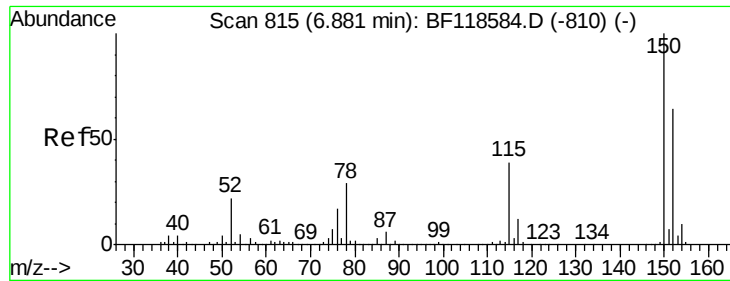
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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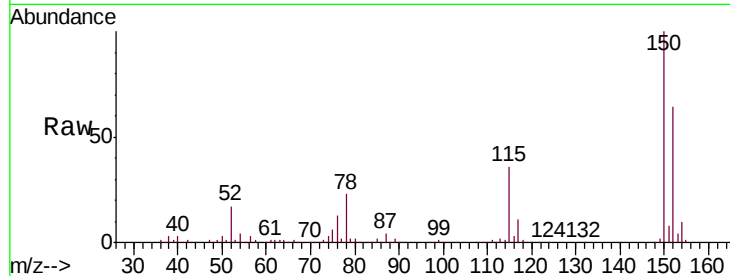




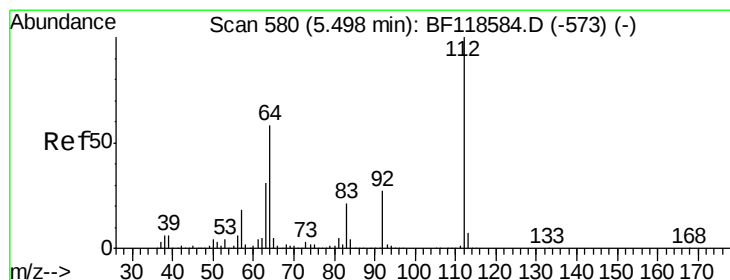
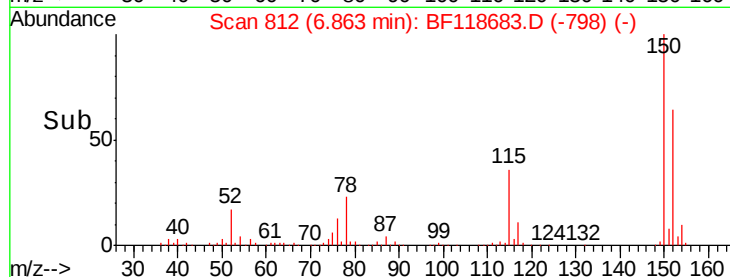
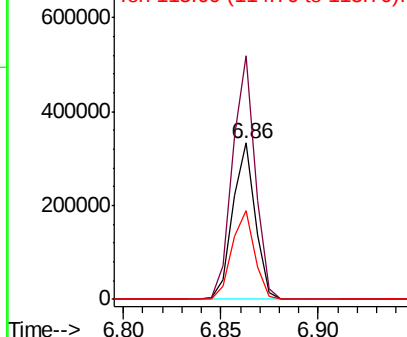
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.02 min
 Lab File: BF118683.D
 Acq: 24 Jan 2020 14:04

Instrument :
 BNA_F
 ClientSampleId :
 EP-10

Tgt Ion:152 Resp: 265563
 Ion Ratio Lower Upper
 152 100
 150 156.0 125.6 188.4
 115 56.5 48.4 72.6

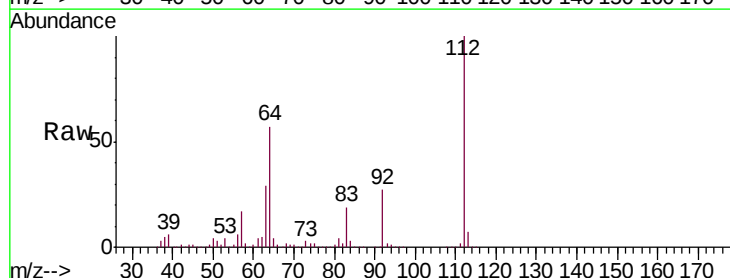


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

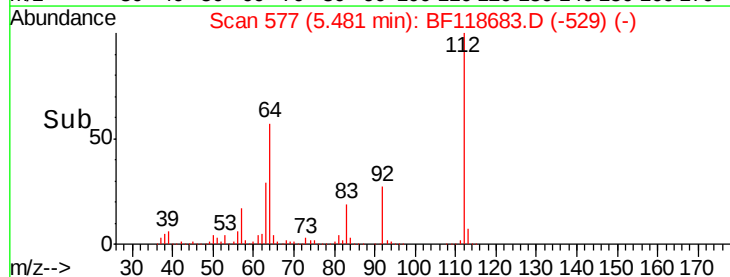
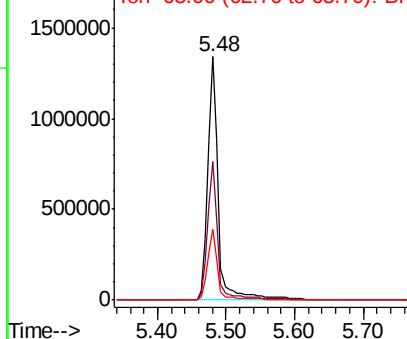


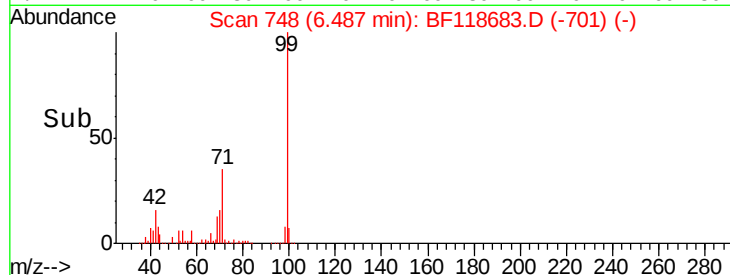
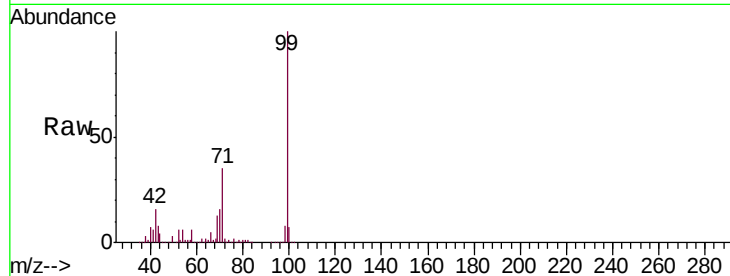
#5
 2-Fluorophenol
 Concen: 103.711 ng
 RT: 5.48 min Scan# 577
 Delta R.T. -0.02 min
 Lab File: BF118683.D
 Acq: 24 Jan 2020 14:04

Tgt Ion:112 Resp: 1482930
 Ion Ratio Lower Upper
 112 100
 64 57.2 46.6 70.0
 63 29.3 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: 95.291 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF118683.D

Acq: 24 Jan 2020 14:04

Instrument :

BNA_F

ClientSampleId :

EP-10

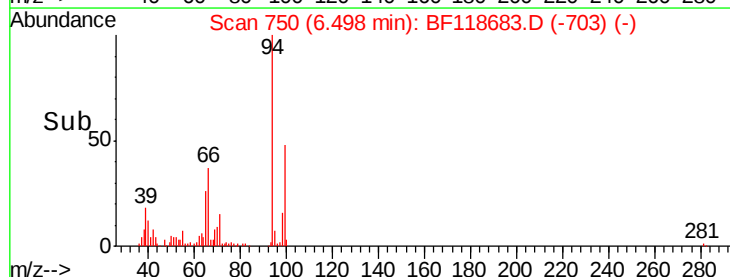
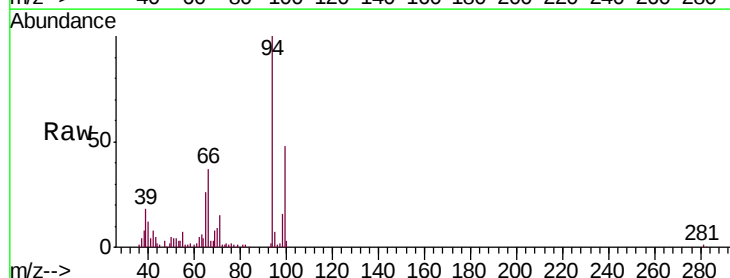
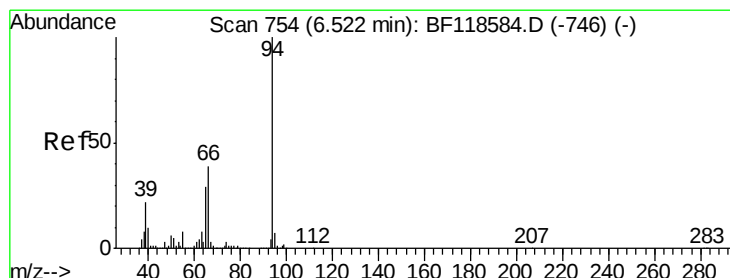
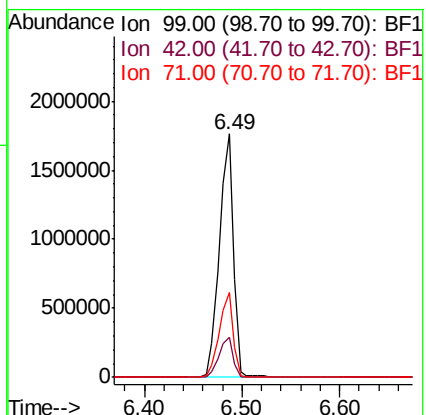
Tgt Ion: 99 Resp: 1770946

Ion Ratio Lower Upper

99 100

42 16.4 14.2 21.2

71 35.0 27.8 41.6



#10

Phenol

Concen: 2.613 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF118683.D

Acq: 24 Jan 2020 14:04

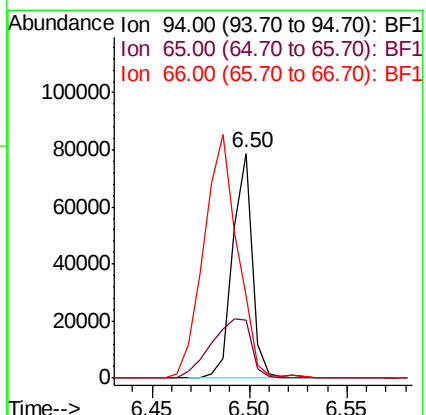
Tgt Ion: 94 Resp: 55335

Ion Ratio Lower Upper

94 100

65 25.6 9.5 49.5

66 36.8 18.5 58.5





#19

n-Nitroso-di-n-propylamine

Concen: 12.136 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.12 min

Lab File: BF118683.D

Acq: 24 Jan 2020 14:04

Instrument :

BNA_F

ClientSampleId :

EP-10

Tgt Ion: 70 Resp: 152296

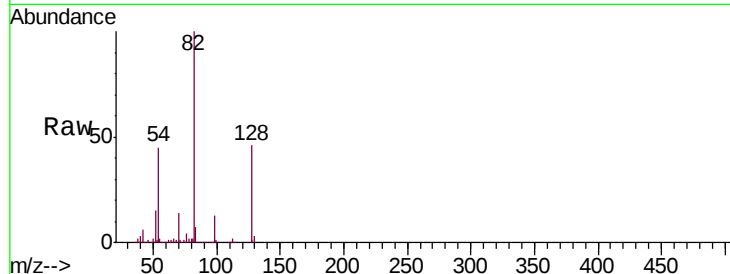
Ion Ratio Lower Upper

70 100

42 42.4 43.4 65.0#

101 0.0 8.1 12.1#

130 2.1 17.6 26.4#



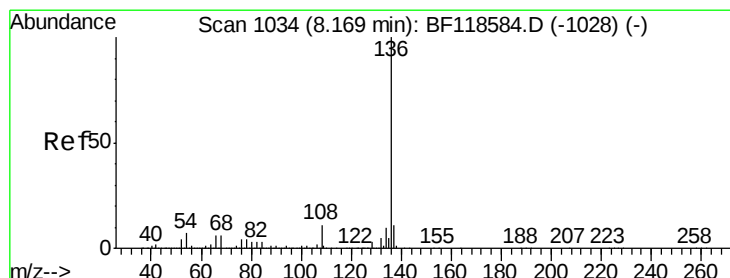
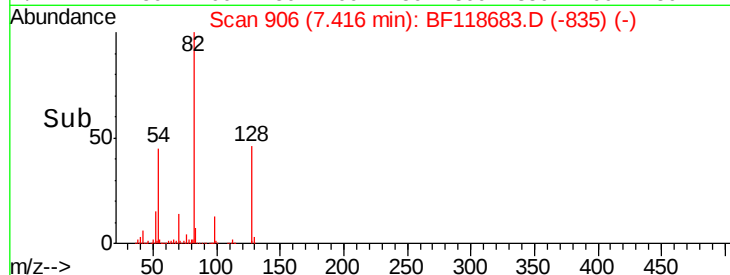
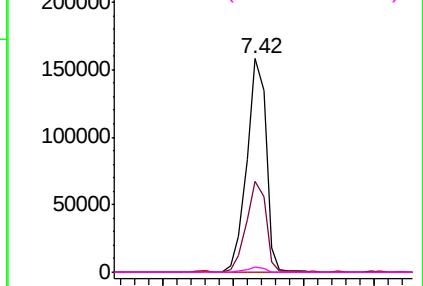
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.03 min

Lab File: BF118683.D

Acq: 24 Jan 2020 14:04

Tgt Ion: 136 Resp: 1004022

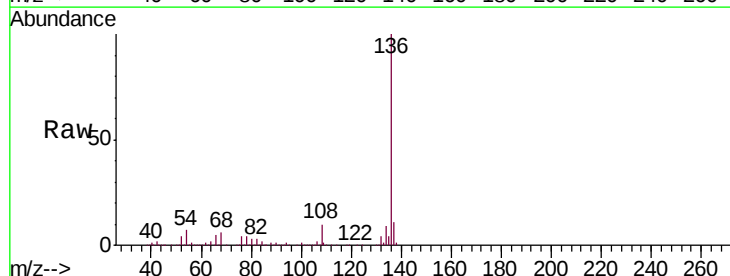
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 7.2 5.8 8.6

68 6.1 5.0 7.4



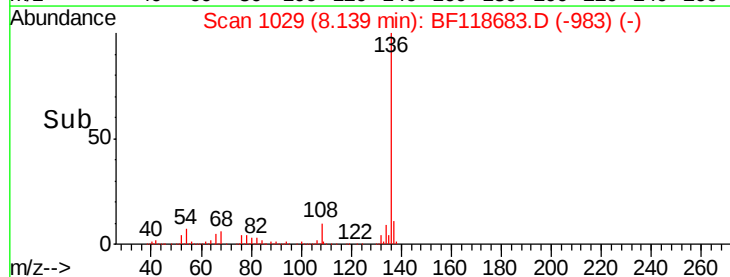
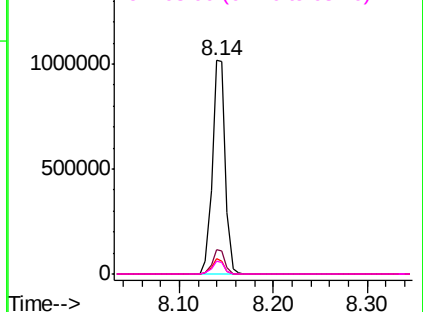
Abundance

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: 62.443 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.03 min

Lab File: BF118683.D

Acq: 24 Jan 2020 14:04

Instrument :

BNA_F

ClientSampleId :

EP-10

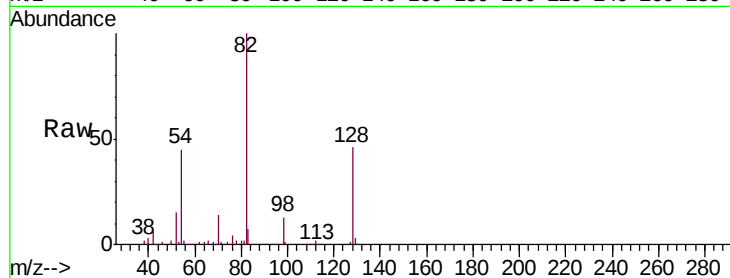
Tgt Ion: 82 Resp: 1120861

Ion Ratio Lower Upper

82 100

128 45.7 36.6 54.8

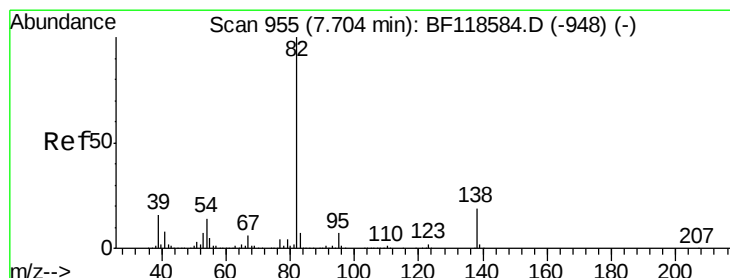
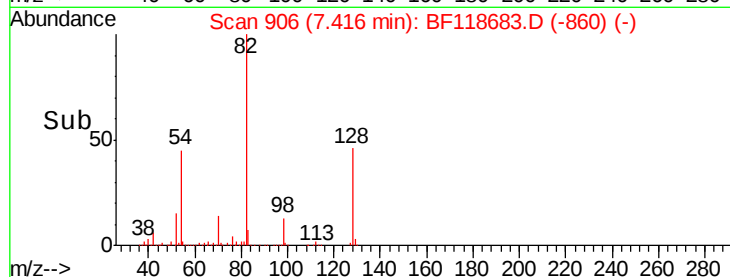
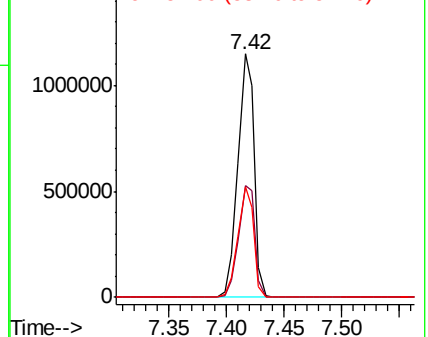
54 45.5 38.0 57.0



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



#25

Isophorone

Concen: 34.229 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.29 min

Lab File: BF118683.D

Acq: 24 Jan 2020 14:04

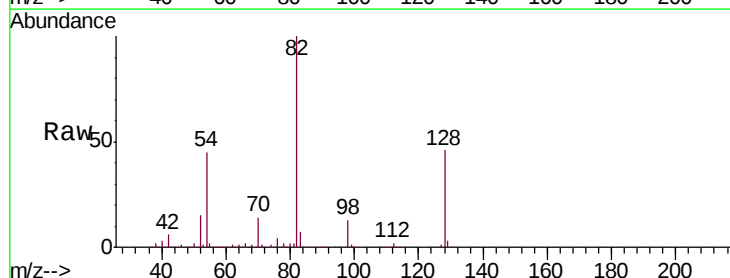
Tgt Ion: 82 Resp: 1120649

Ion Ratio Lower Upper

82 100

95 0.0 5.9 8.9#

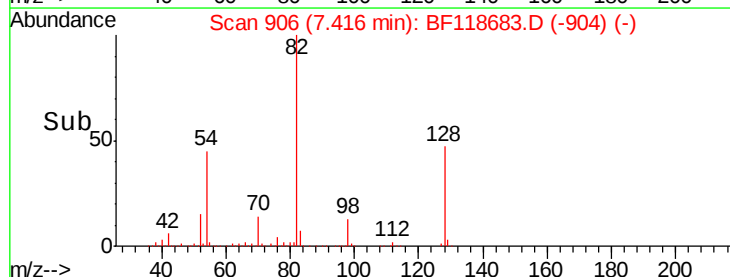
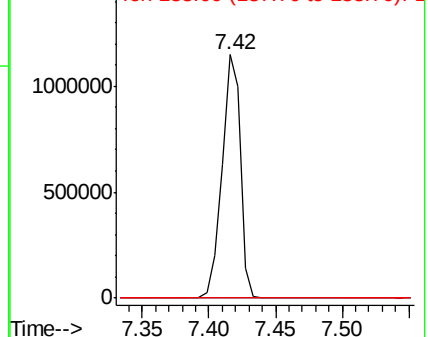
138 0.0 15.3 22.9#

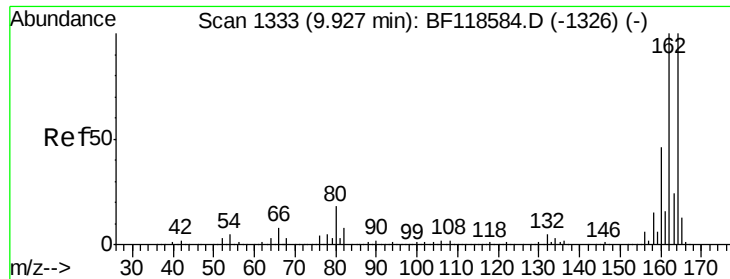


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 9.90 min Scan# 1328

Delta R.T. -0.03 min

Lab File: BF118683.D

Acq: 24 Jan 2020 14:04

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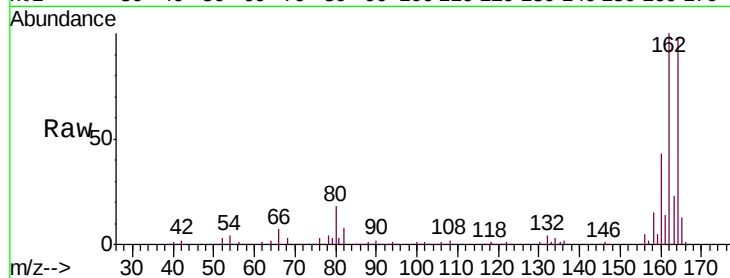
Tgt Ion:164 Resp: 518772

Ion Ratio Lower Upper

164 100

162 101.7 80.4 120.6

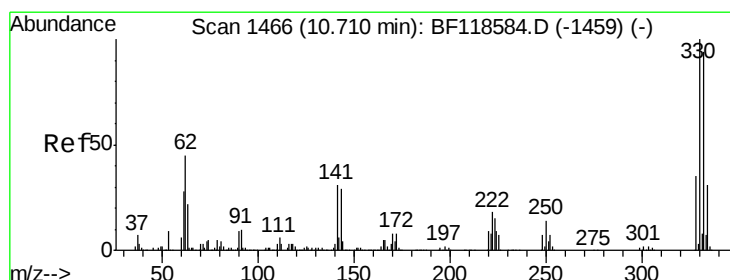
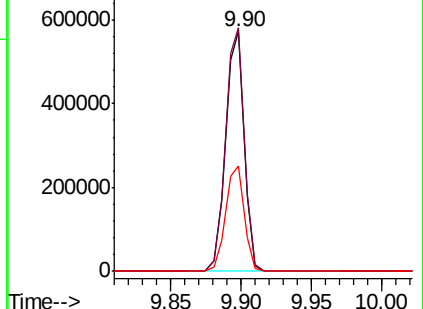
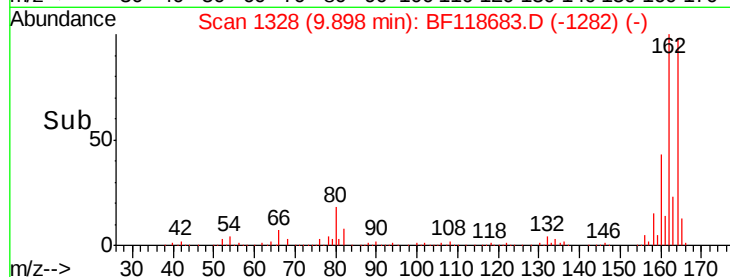
160 44.2 36.6 55.0



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: 97.069 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.03 min

Lab File: BF118683.D

Acq: 24 Jan 2020 14:04

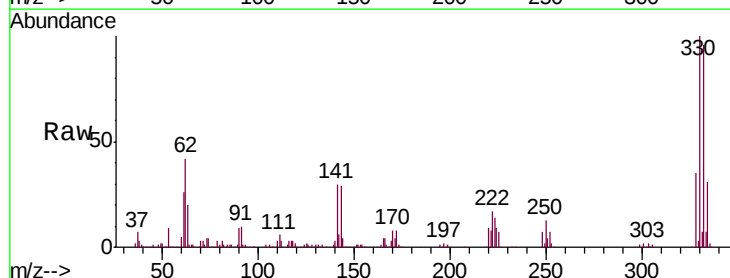
Tgt Ion:330 Resp: 582437

Ion Ratio Lower Upper

330 100

332 96.2 76.2 114.4

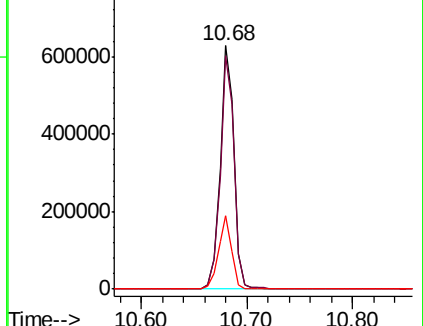
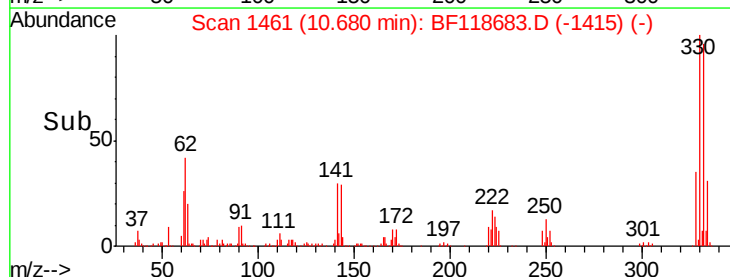
141 28.6 23.9 35.9

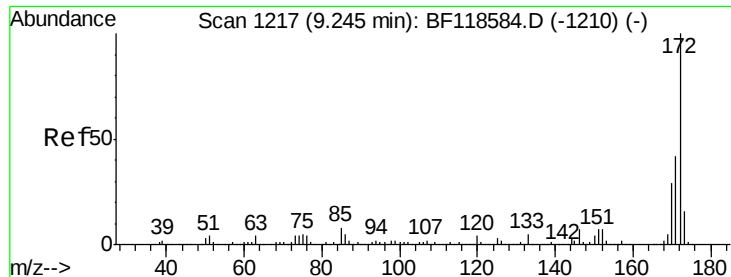


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



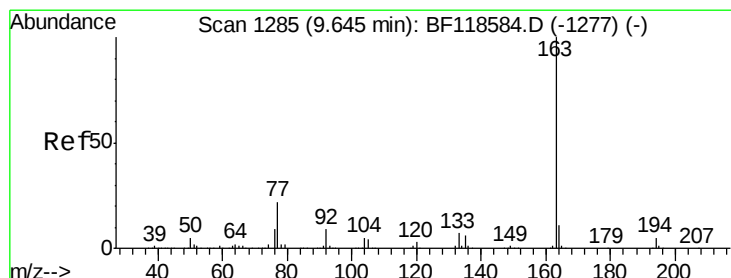
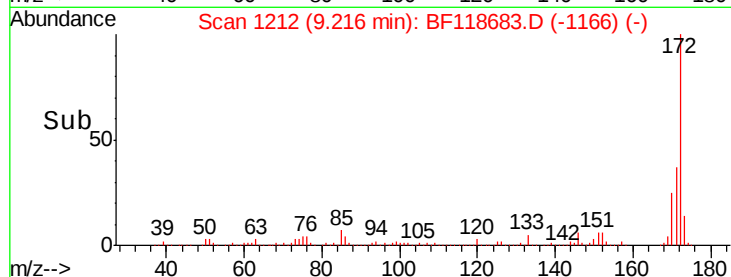
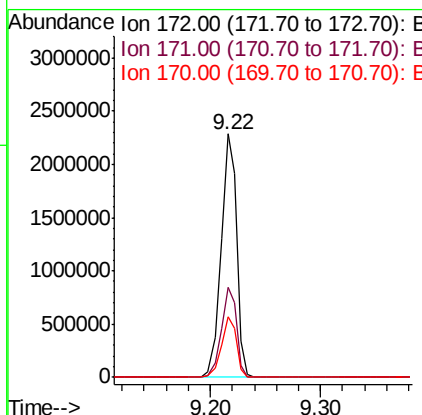
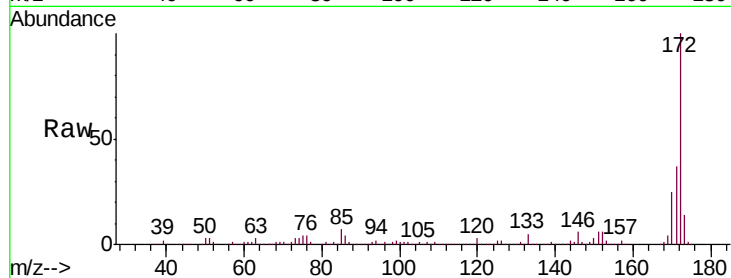


#45
 2-Fluorobiphenyl
 Concen: 70.865 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.03 min
 Lab File: BF118683.D
 Acq: 24 Jan 2020 14:04

Instrument :
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 EP-10

Tgt Ion:172 Resp: 2236687

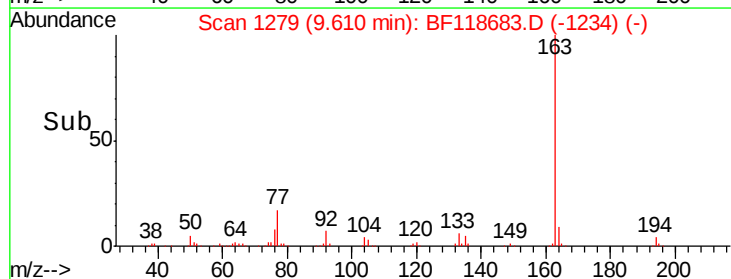
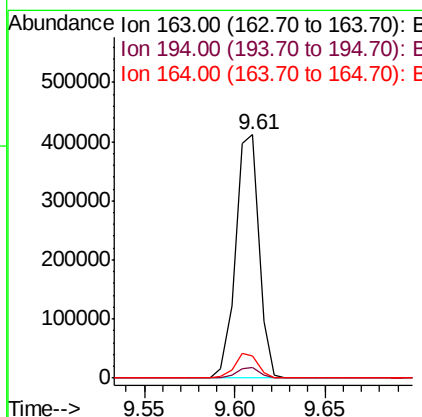
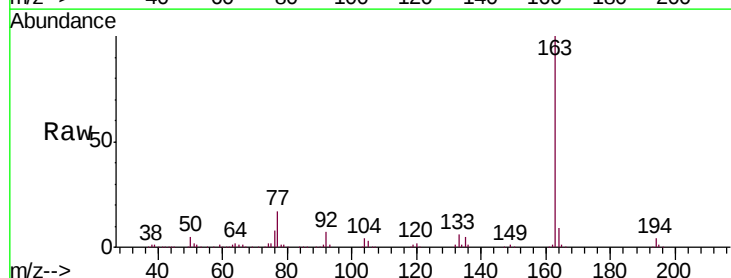
Ion	Ratio	Lower	Upper
172	100		
171	37.2	33.4	50.2
170	24.8	23.2	34.8

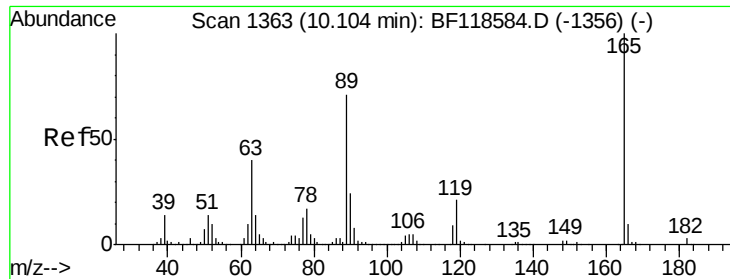


#50
 Dimethylphthalate
 Concen: 11.014 ng
 RT: 9.61 min Scan# 1279
 Delta R.T. -0.04 min
 Lab File: BF118683.D
 Acq: 24 Jan 2020 14:04

Tgt Ion:163 Resp: 372263

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.9	5.9
164	9.4	9.1	13.7

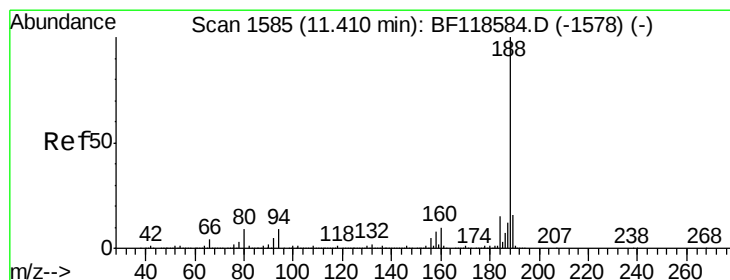
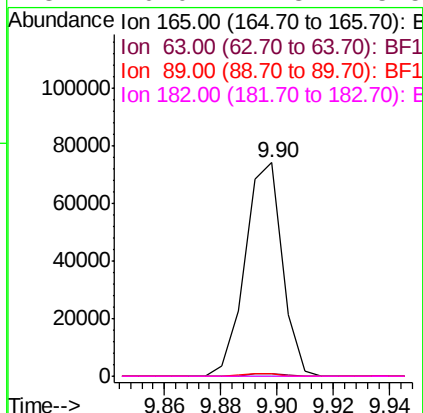
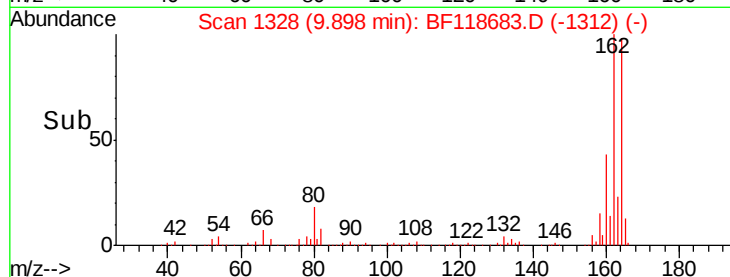
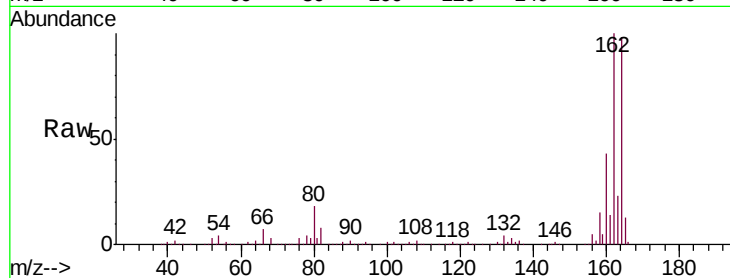




#57
 2,4-Dinitrotoluene
 Concen: 7.095 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.21 min
 Lab File: BF118683.D
 Acq: 24 Jan 2020 14:04

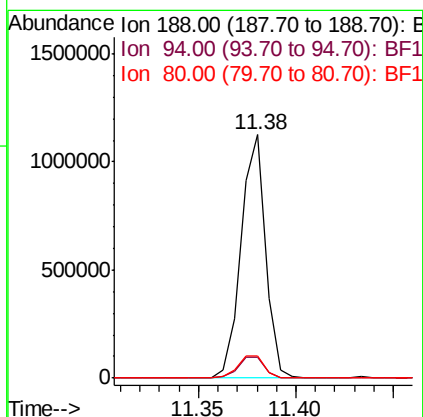
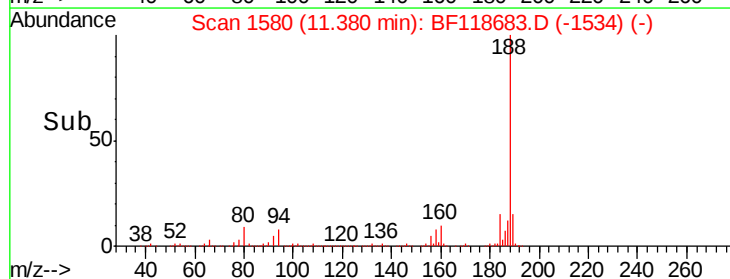
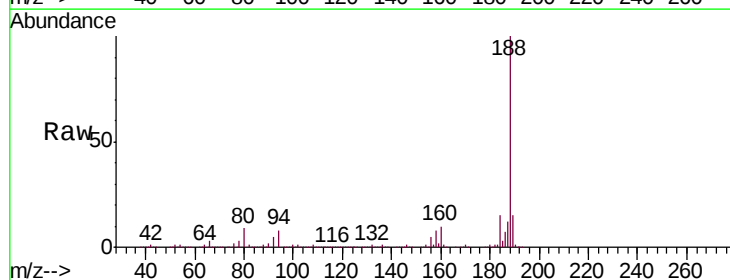
Instrument :
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 EP-10

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	32.4	48.6#
89	1.2	56.4	84.6#
182	0.0	2.3	3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. -0.03 min
 Lab File: BF118683.D
 Acq: 24 Jan 2020 14:04

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.1	10.7
80	9.2	7.5	11.3

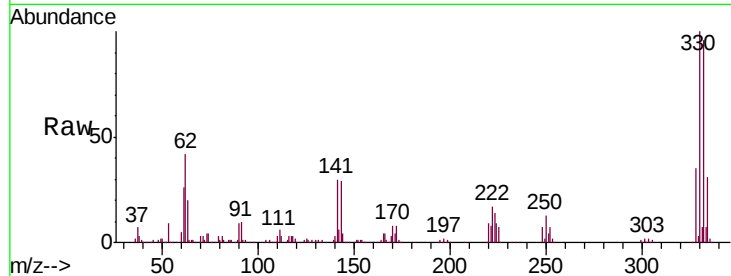




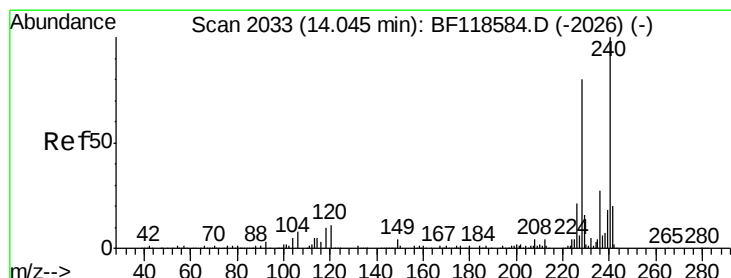
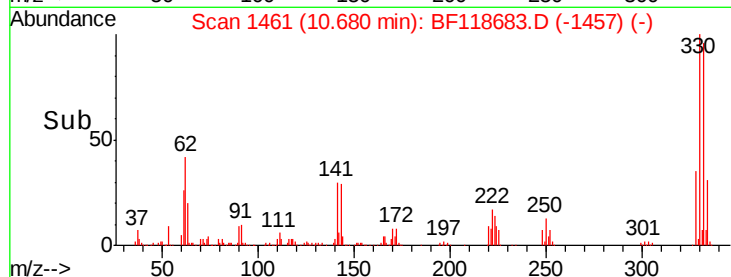
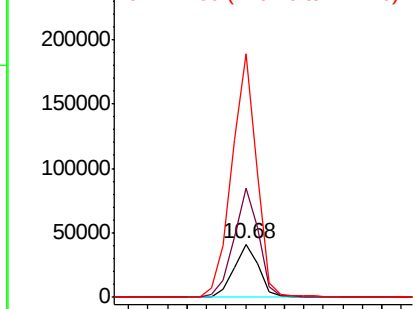
#67
4-Bromophenyl-phenylether
Concen: 3.056 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.28 min
Lab File: BF118683.D
Acq: 24 Jan 2020 14:04

Instrument :
BNA_F
ClientSampled :
EP-10

Tgt Ion:248 Resp: 36870
Ion Ratio Lower Upper
248 100
250 203.4 78.7 118.1#
141 455.7 43.2 64.8#

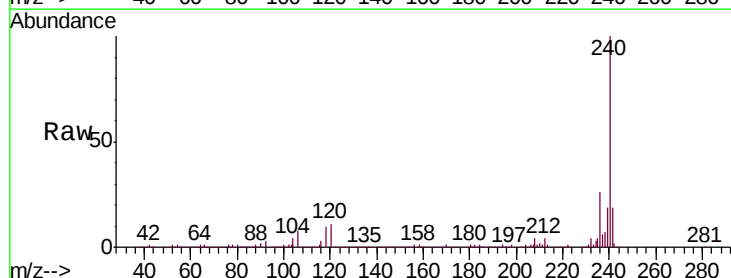


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

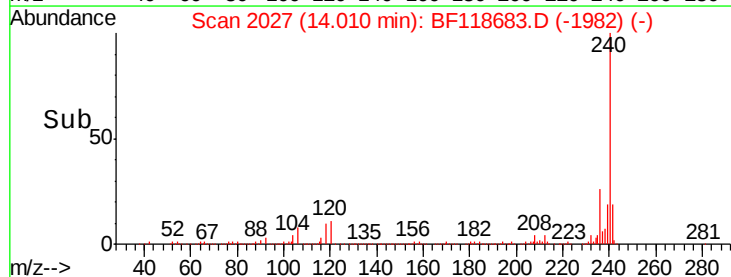
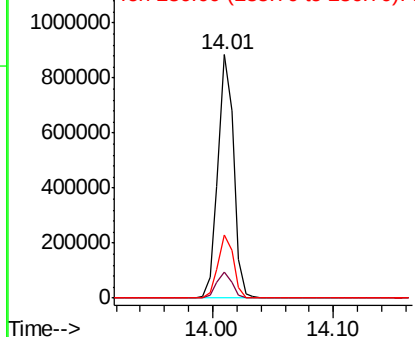


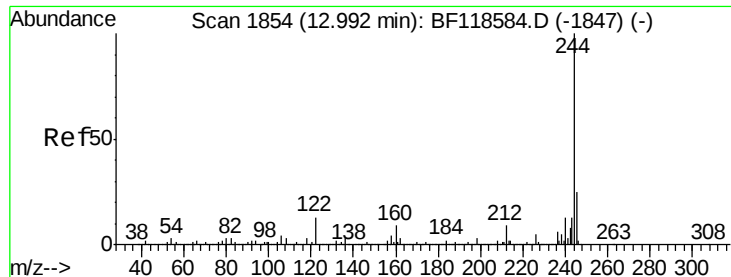
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.04 min
Lab File: BF118683.D
Acq: 24 Jan 2020 14:04

Tgt Ion:240 Resp: 784689
Ion Ratio Lower Upper
240 100
120 10.9 8.9 13.3
236 25.9 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: 75.577 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.03 min

Lab File: BF118683.D

Acq: 24 Jan 2020 14:04

Instrument :

BNA_F

ClientSampleId :

EP-10

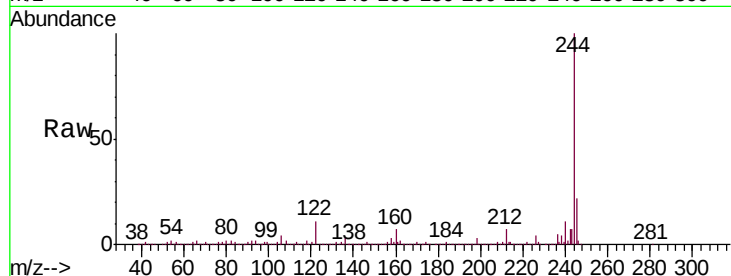
Tgt Ion:244 Resp: 2719025

Ion Ratio Lower Upper

244 100

212 7.2 7.0 10.4

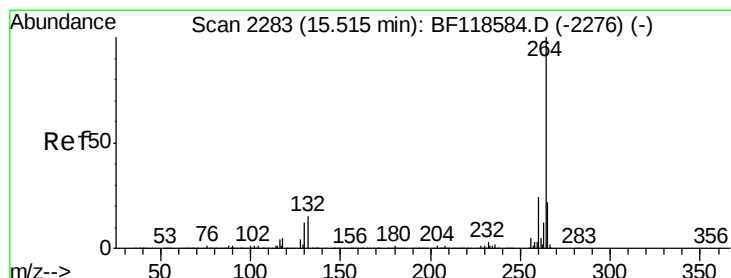
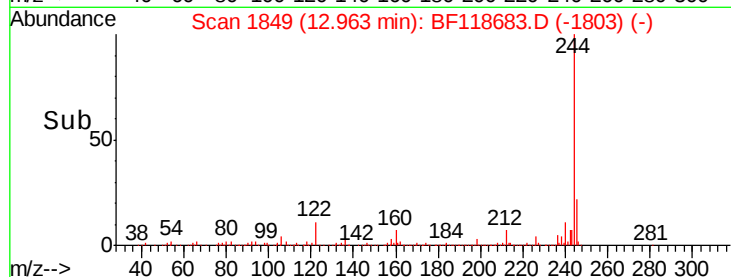
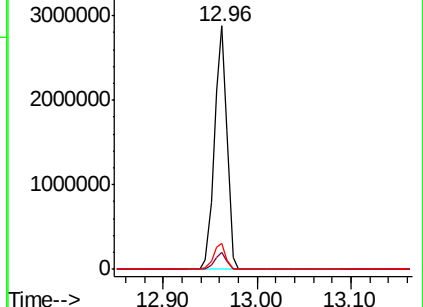
122 10.8 10.7 16.1



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: 15.47 min Scan# 2276

Delta R.T. -0.04 min

Lab File: BF118683.D

Acq: 24 Jan 2020 14:04

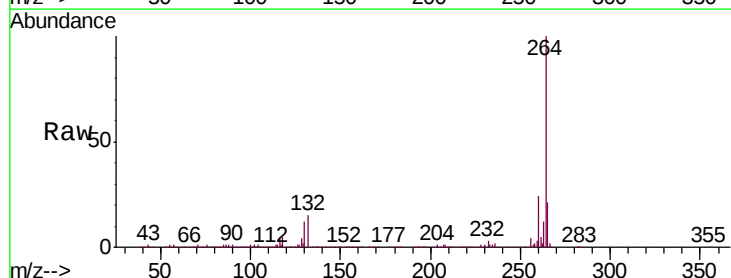
Tgt Ion:264 Resp: 693087

Ion Ratio Lower Upper

264 100

260 23.7 19.6 29.4

265 21.3 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

