

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\
 Data File : BF118637.D
 Acq On : 21 Jan 2020 16:57
 Operator : CG/JU
 Sample : L1205-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-7

Quant Time: Jan 21 18:20:17 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

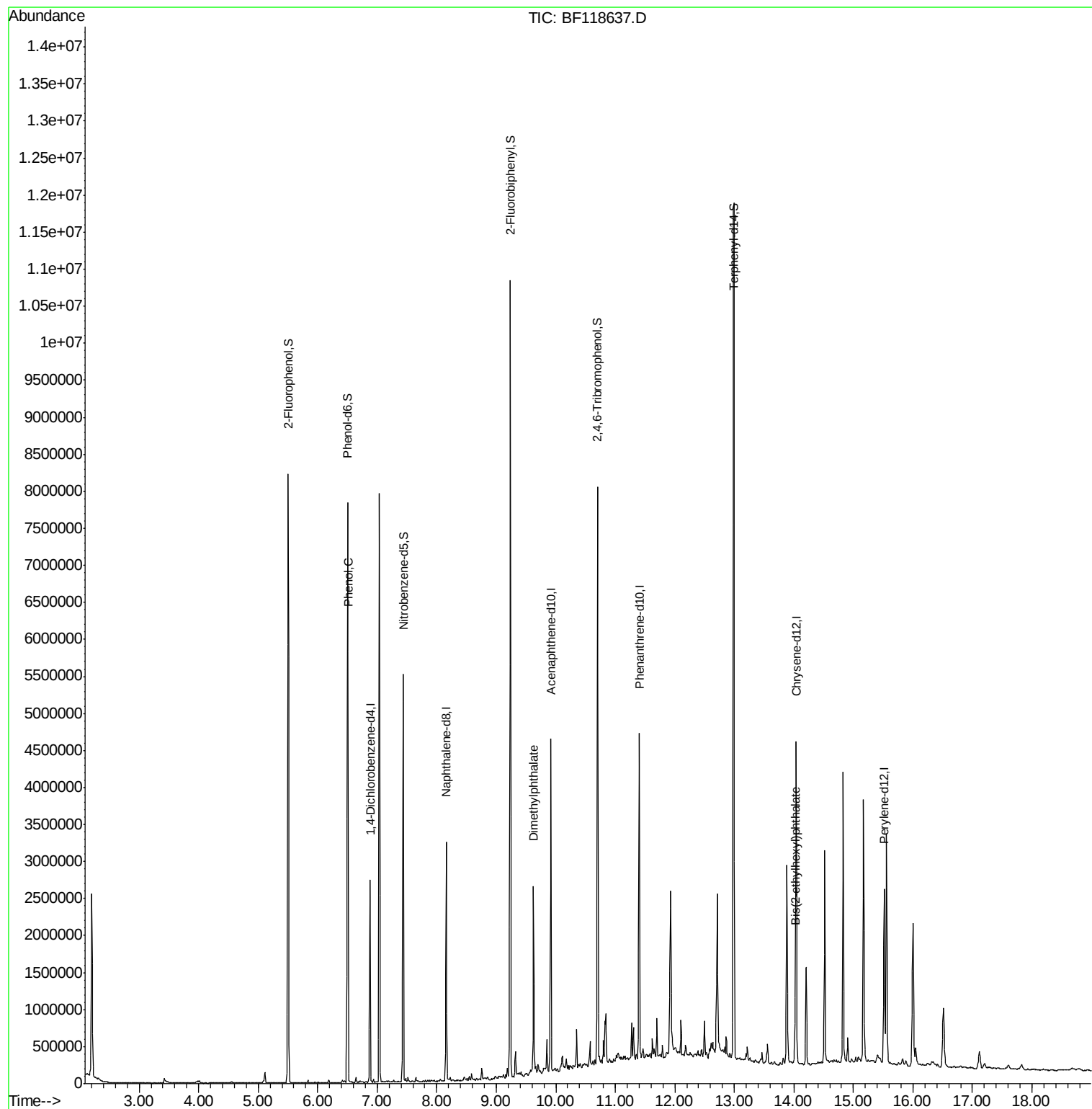
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	421261	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1572073	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	902191	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	1691394	20.00	ng	0.00
76) Chrysene-d12	14.04	240	1366004	20.00	ng	0.00
87) Perylene-d12	15.52	264	1162482	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	2488159	109.70	ng	0.00
7) Phenol-d6	6.50	99	3148145	106.79	ng	0.00
23) Nitrobenzene-d5	7.44	82	2024780	72.04	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	1119055	107.24	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	3782172	68.90	ng	0.00
79) Terphenyl-d14	12.99	244	4635117	74.01	ng	0.00
Target Compounds						
10) Phenol	6.52	94	117219	3.489	ng	97
50) Dimethylphthalate	9.63	163	919938	15.651	ng	98
84) Bis(2-ethylhexyl)phthalate	14.02	149	198311	4.277	ng	96

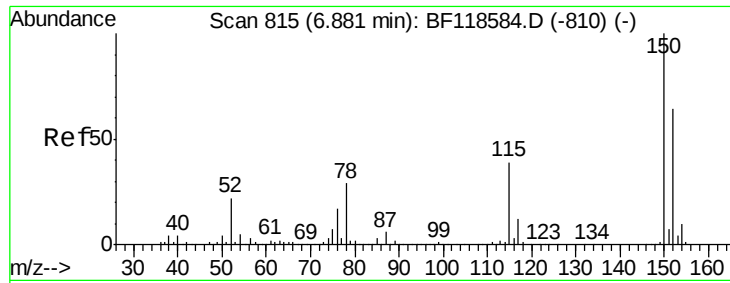
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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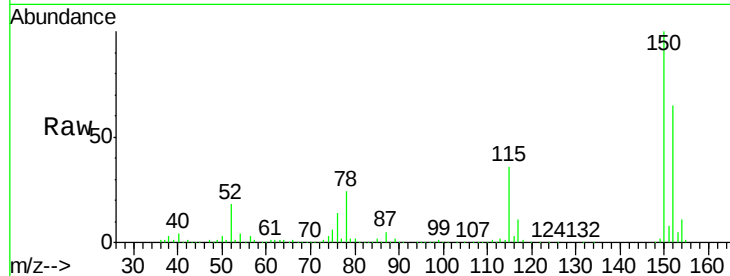


#1

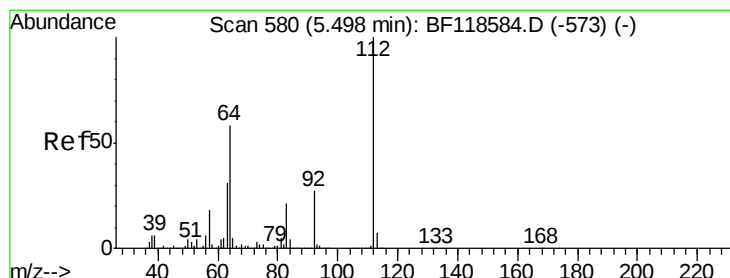
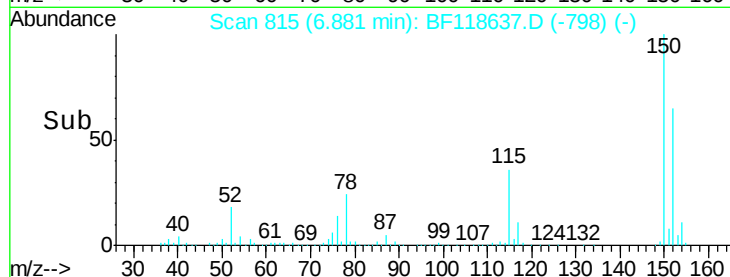
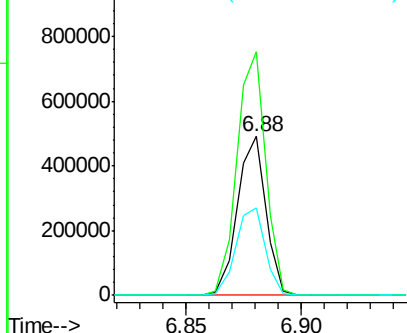
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF118637.D
Acq: 21 Jan 2020 16:57

Instrument :
BNA_F
ClientSampleId :
EP-7

Tot Ion:152 Resp: 421261
Ion Ratio Lower Upper
152 100
150 153.4 125.6 188.4
115 55.2 48.4 72.6



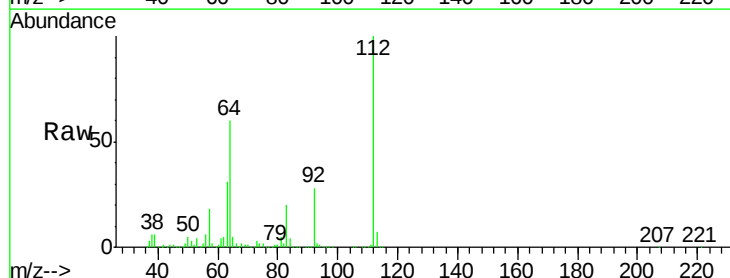
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



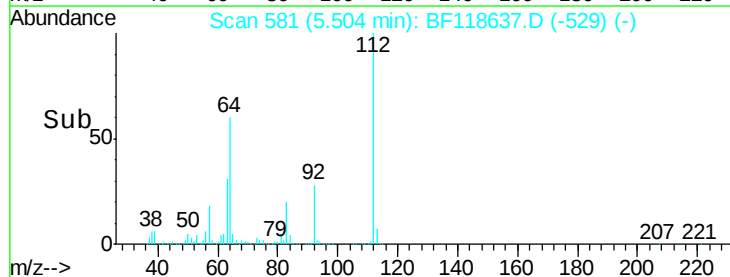
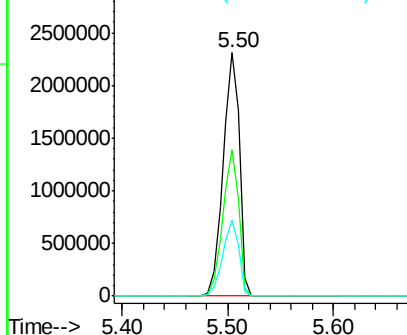
#5

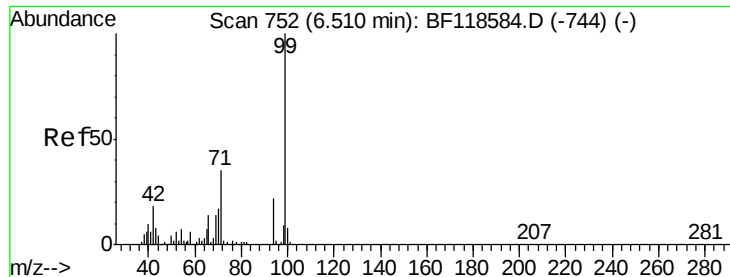
2-Fluorophenol
Concen: 109.698 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF118637.D
Acq: 21 Jan 2020 16:57

Tgt Ion:112 Resp: 2488159
Ion Ratio Lower Upper
112 100
64 59.9 46.6 70.0
63 31.4 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: 106.787 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF118637.D

Acq: 21 Jan 2020 16:57

Instrument :

BNA_F

ClientSampleId :

EP-7

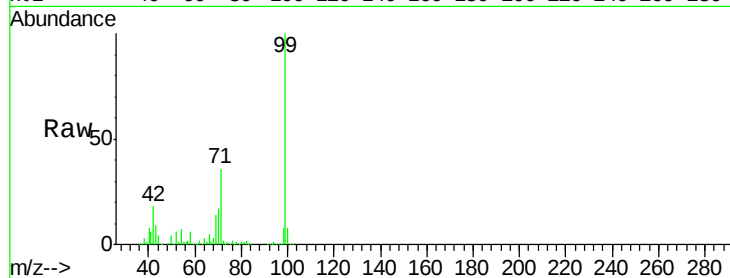
Tot Ion: 99 Resp: 3148145

Ion Ratio Lower Upper

99 100

42 18.2 14.2 21.2

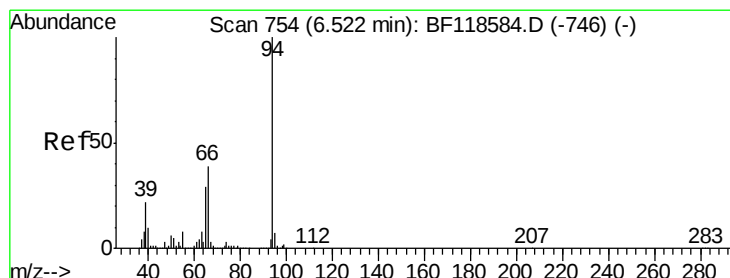
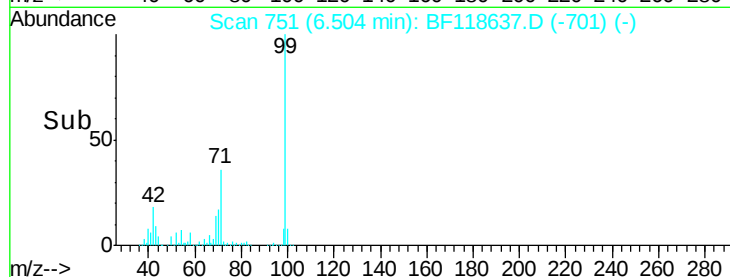
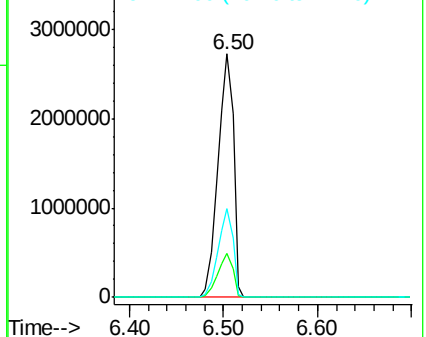
71 36.4 27.8 41.6



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: 3.489 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF118637.D

Acq: 21 Jan 2020 16:57

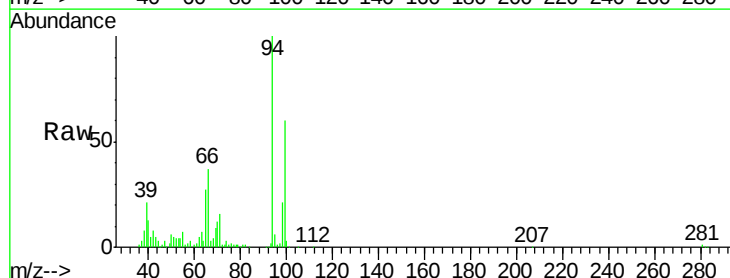
Tgt Ion: 94 Resp: 117219

Ion Ratio Lower Upper

94 100

65 27.2 9.5 49.5

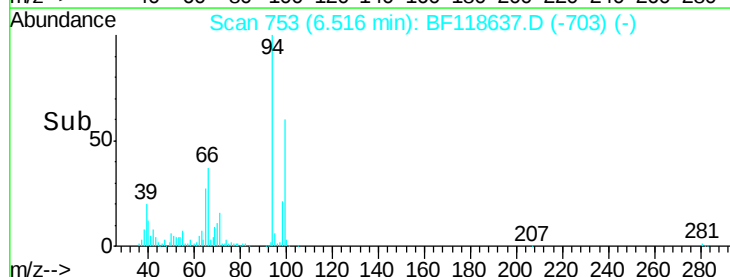
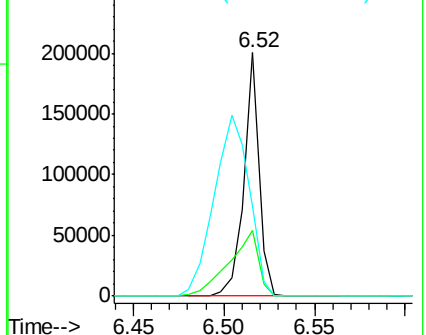
66 36.9 18.5 58.5

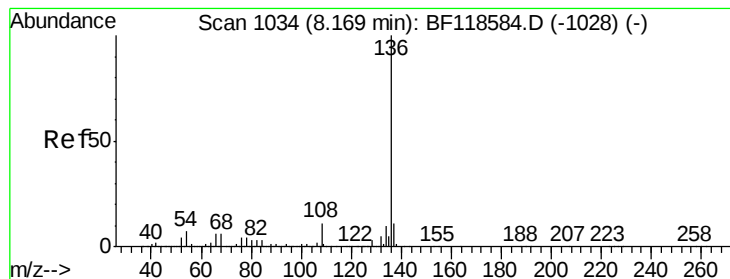


Abundance Ion 94.00 (93.70 to 94.70): BF1

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: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF118637.D

Acq: 21 Jan 2020 16:57

Instrument :

BNA_F

ClientSampleId :

EP-7

Tot Ion:136 Resp: 1572073

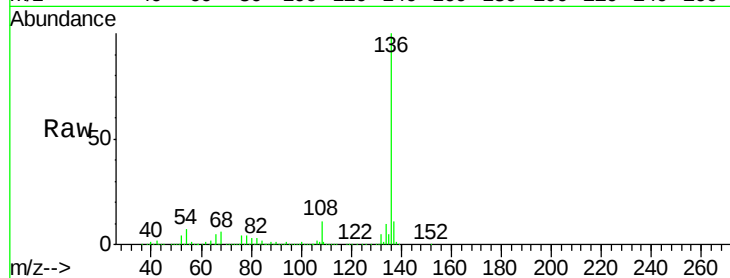
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 6.8 5.8 8.6

68 6.0 5.0 7.4

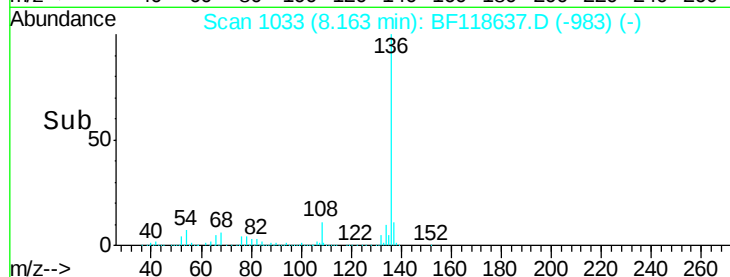


Abundance Ion 136.00 (135.70 to 136.70): E

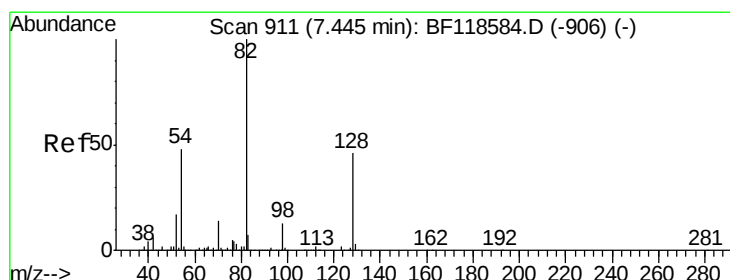
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#23

Nitrobenzene-d5

Concen: 72.041 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF118637.D

Acq: 21 Jan 2020 16:57

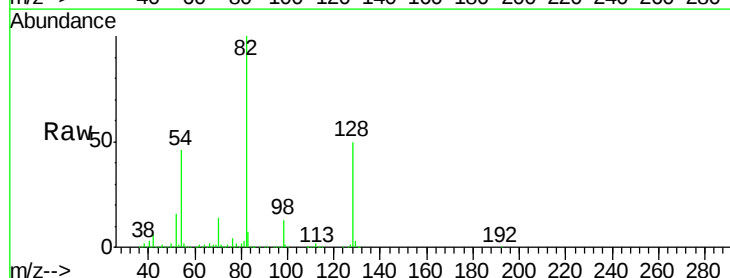
Tgt Ion: 82 Resp: 2024780

Ion Ratio Lower Upper

82 100

128 49.5 36.6 54.8

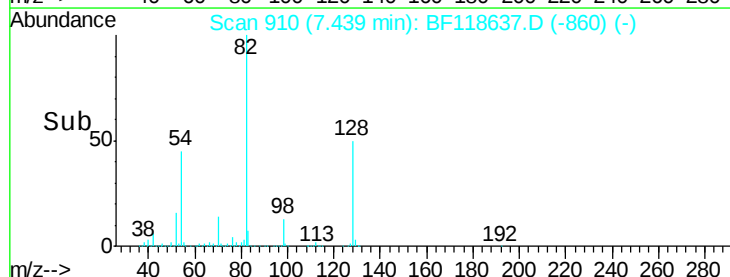
54 45.5 38.0 57.0



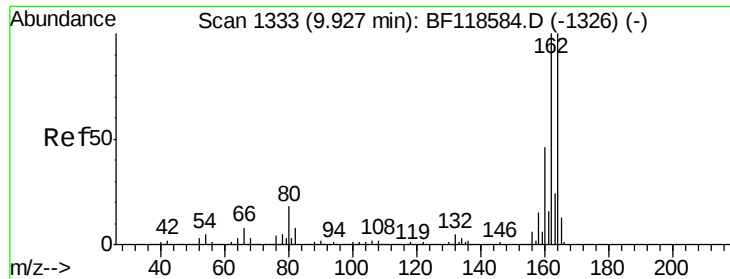
Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



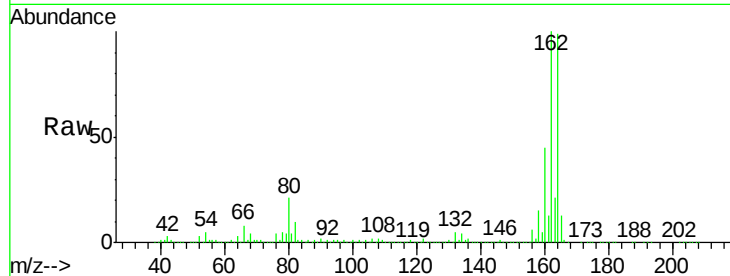
Time-->



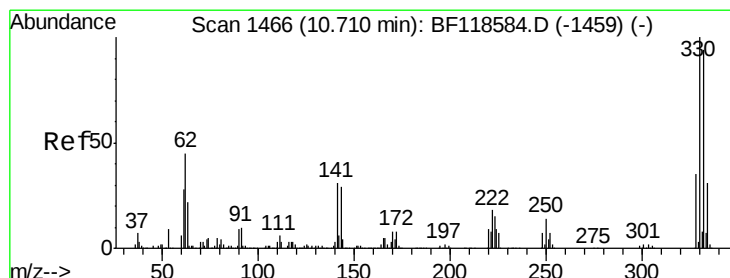
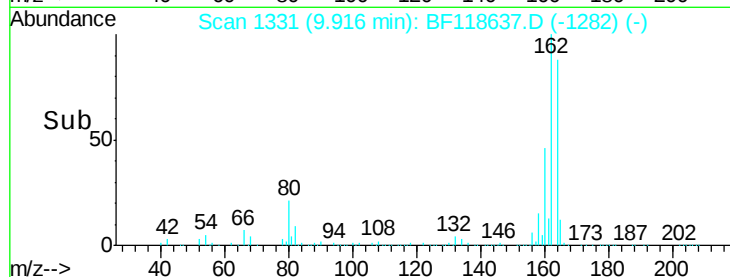
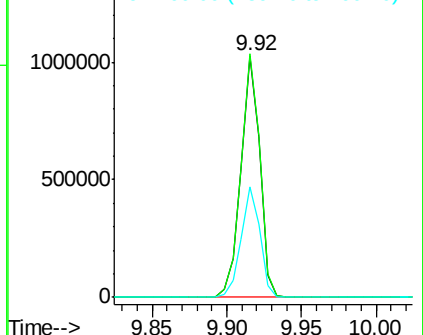
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF118637.D
 Acq: 21 Jan 2020 16:57

Instrument :
 BNA_F
 ClientSampleId :
 EP-7

Tot Ion:164 Resp: 902191
 Ion Ratio Lower Upper
 164 100
 162 100.9 80.4 120.6
 160 45.8 36.6 55.0

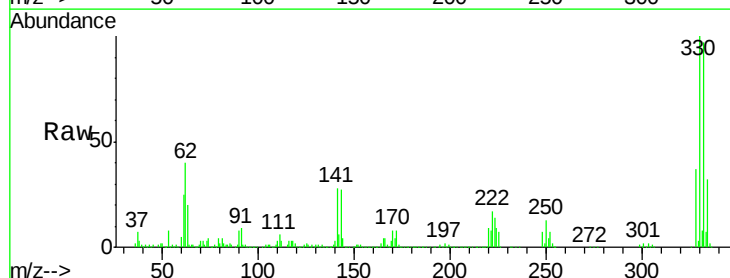


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

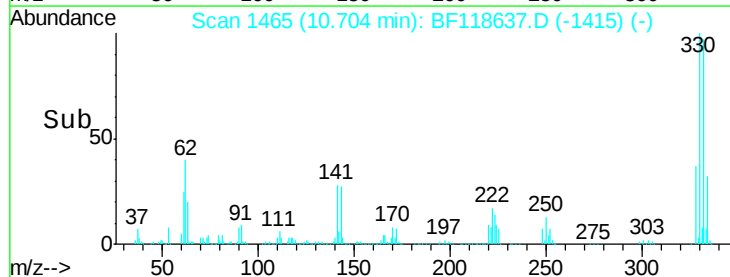
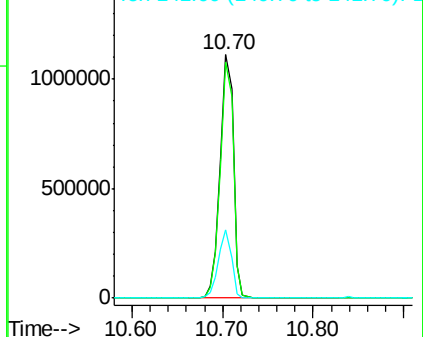


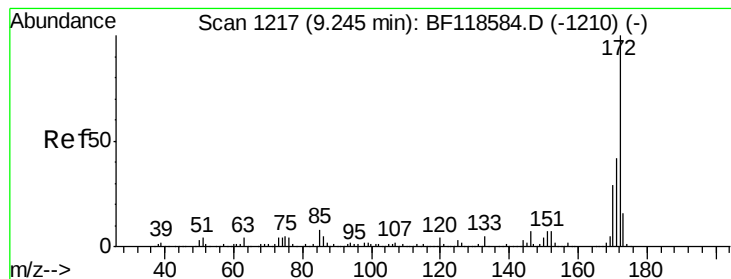
#42
 2,4,6-Tribromophenol
 Concen: 107.241 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF118637.D
 Acq: 21 Jan 2020 16:57

Tgt Ion:330 Resp: 1119055
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.2 114.4
 141 27.4 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: 68.904 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF118637.D

Acq: 21 Jan 2020 16:57

Instrument :

BNA_F

ClientSampleId :

EP-7

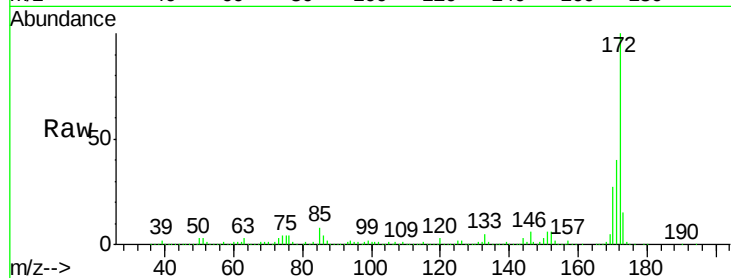
Tot Ion:172 Resp: 3782172

Ion Ratio Lower Upper

172 100

171 39.9 33.4 50.2

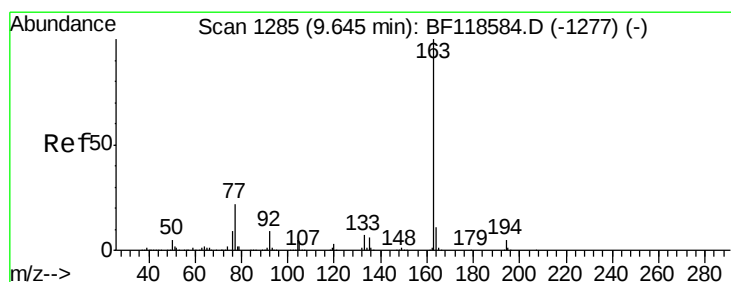
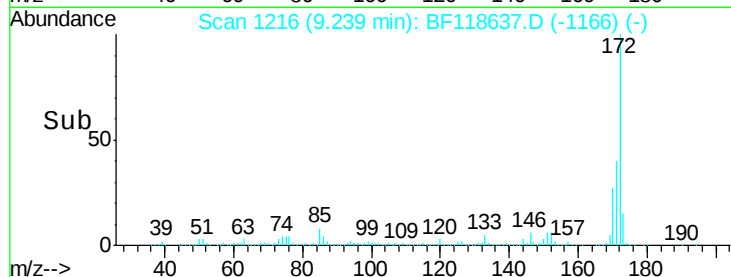
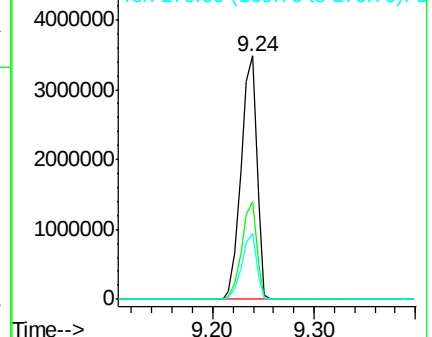
170 27.0 23.2 34.8



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: 15.651 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF118637.D

Acq: 21 Jan 2020 16:57

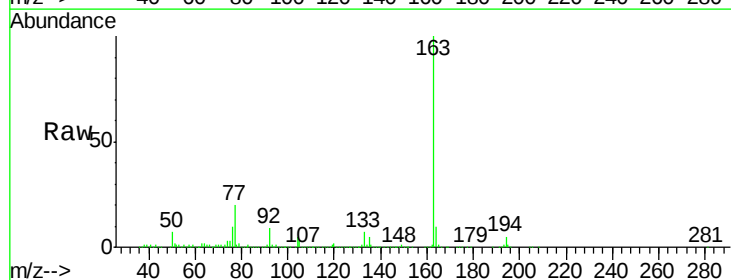
Tgt Ion:163 Resp: 919938

Ion Ratio Lower Upper

163 100

194 4.6 3.9 5.9

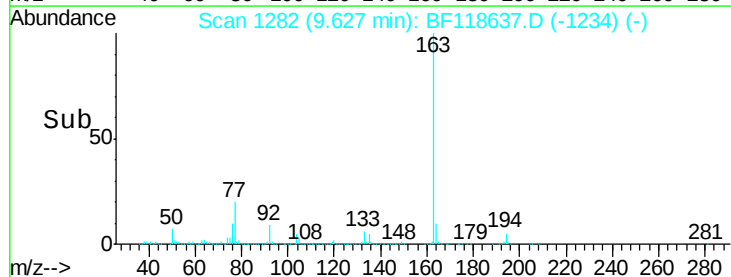
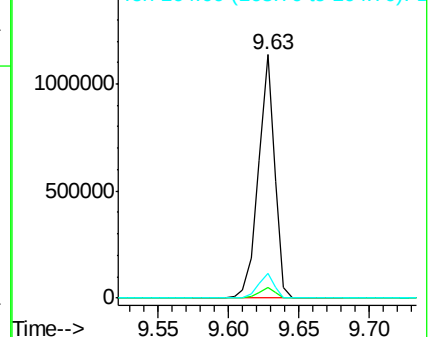
164 10.3 9.1 13.7

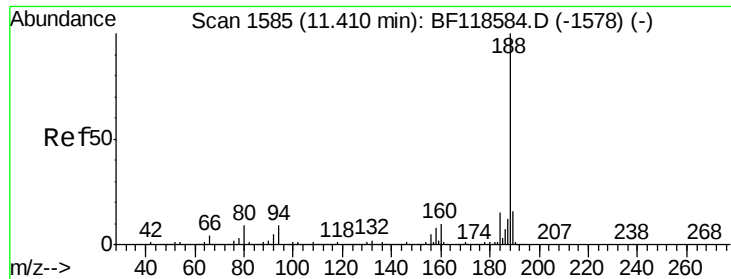


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

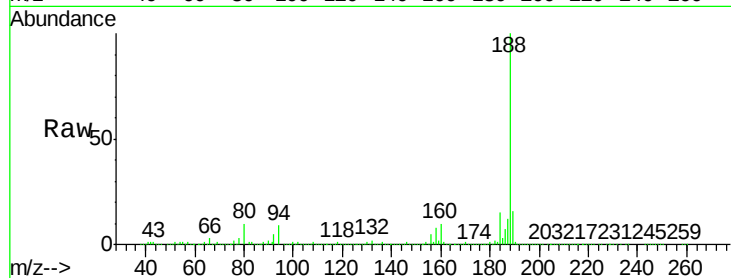




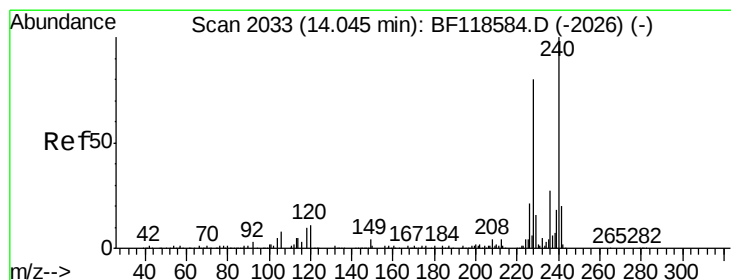
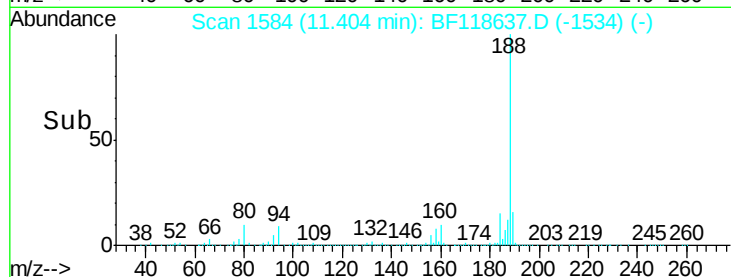
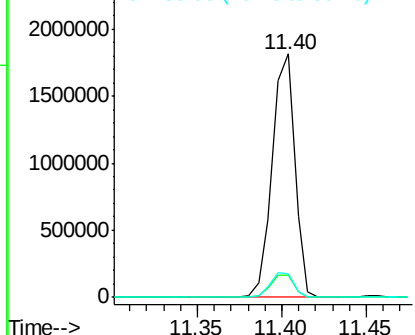
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118637.D
Acq: 21 Jan 2020 16:57

Instrument :
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Tot Ion:188 Resp: 1691394
Ion Ratio Lower Upper
188 100
94 9.2 7.1 10.7
80 9.8 7.5 11.3

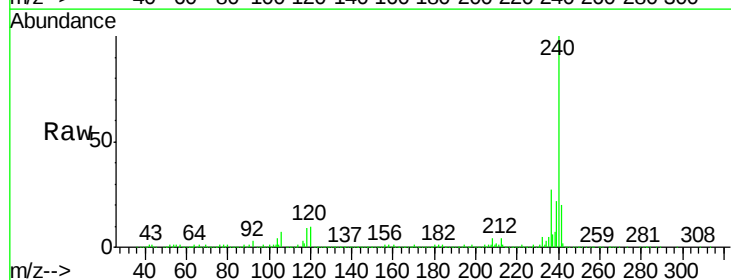


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

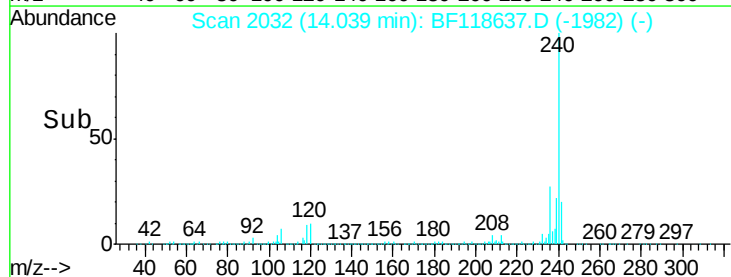
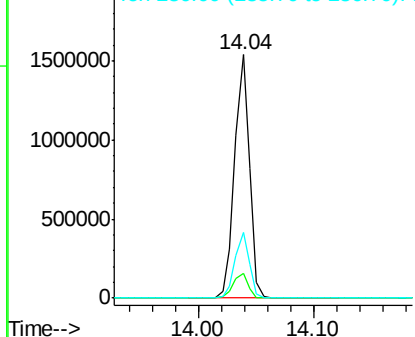


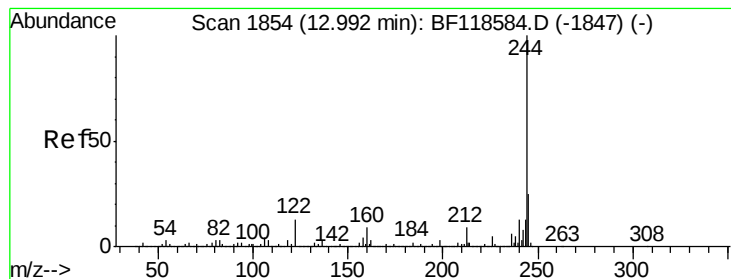
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF118637.D
Acq: 21 Jan 2020 16:57

Tgt Ion:240 Resp: 1366004
Ion Ratio Lower Upper
240 100
120 10.1 8.9 13.3
236 27.0 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: 74.009 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BF118637.D

Acq: 21 Jan 2020 16:57

Instrument :

BNA_F

ClientSampled :

EP-7

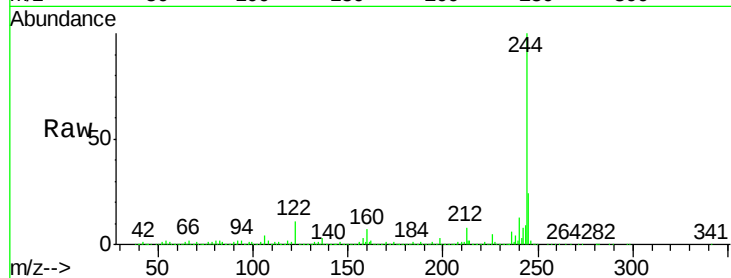
Tot Ion:244 Resp: 4635117

Ion Ratio Lower Upper

244 100

212 8.2 7.0 10.4

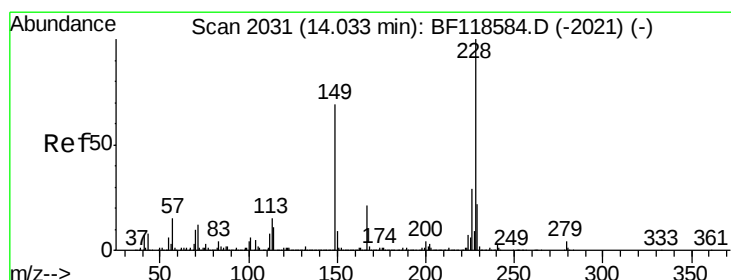
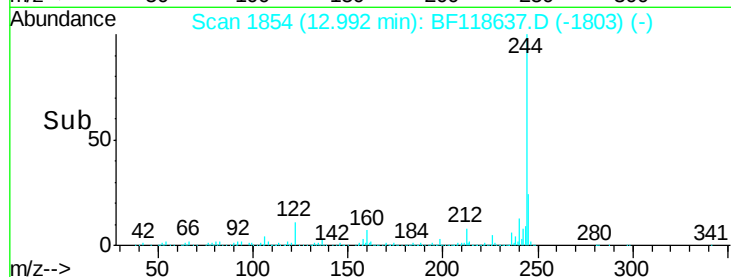
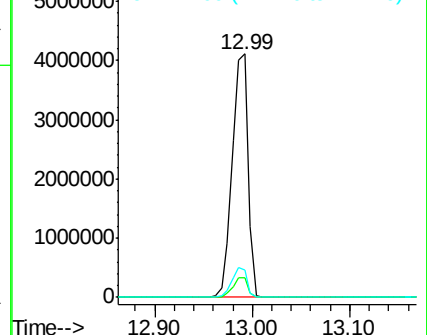
122 11.3 10.7 16.1



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.277 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF118637.D

Acq: 21 Jan 2020 16:57

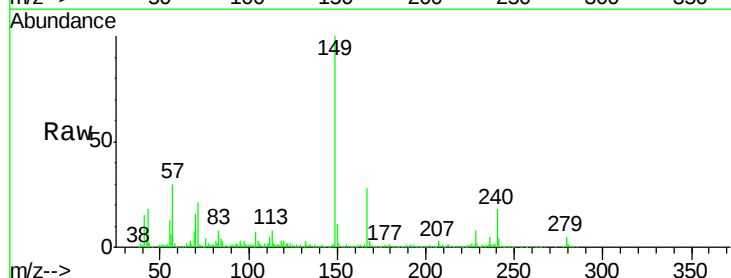
Tgt Ion:149 Resp: 198311

Ion Ratio Lower Upper

149 100

167 27.9 24.2 36.4

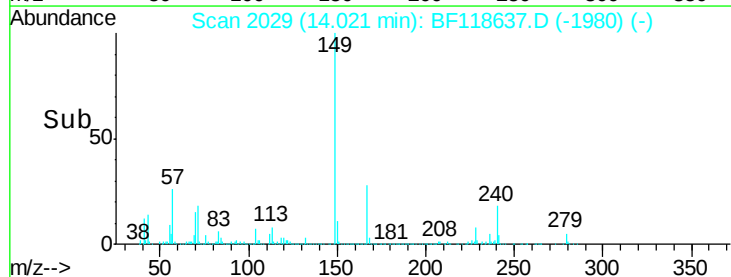
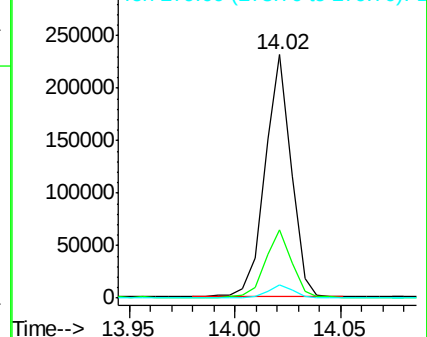
279 5.4 5.0 7.4

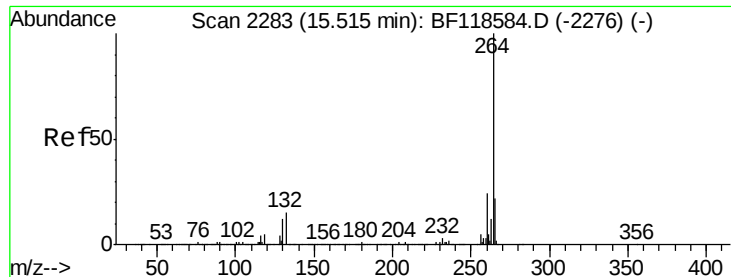


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BF118637.D
Acq: 21 Jan 2020 16:57

Instrument :
BNA_F
ClientSampleId :
EP-7

Tot Ion:264 Resp: 1162482

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.6	29.4
265	22.1	17.7	26.5

