

Data File : BF118690.D
Acq On : 24 Jan 2020 17:20
Operator : CG/JU
Sample : L1007-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-012320-A

Quant Time: Jan 27 01:02:30 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

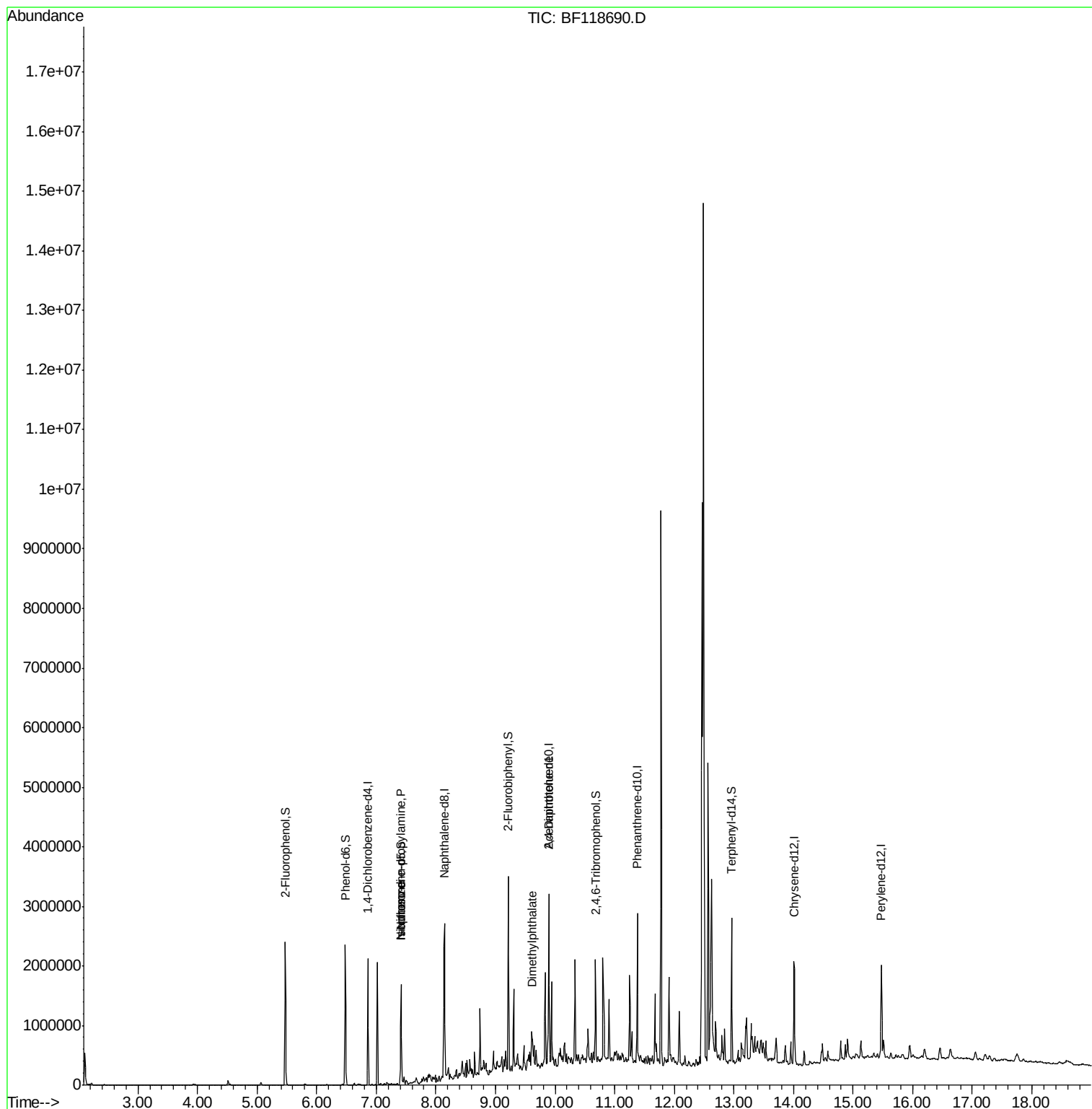
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	300234	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	1070186	20.00	ng	-0.02
39) Acenaphthene-d10	9.90	164	536547	20.00	ng	-0.03
64) Phenanthrene-d10	11.38	188	907023	20.00	ng	-0.03
76) Chrysene-d12	14.01	240	595112	20.00	ng	-0.04
87) Perylene-d12	15.47	264	755212	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	631983	39.09	ng	-0.02
7) Phenol-d6	6.48	99	717690	34.16	ng	-0.03
23) Nitrobenzene-d5	7.42	82	467075	24.41	ng	-0.03
42) 2,4,6-Tribromophenol	10.68	330	214554	34.57	ng	-0.03
45) 2-Fluorobiphenyl	9.22	172	947323	29.02	ng	-0.03
79) Terphenyl-d14	12.96	244	846122	31.01	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	64401	4.539	ng	# 75
25) Isophorone	7.42	82	463553	13.283	ng	# 64
50) Dimethylphthalate	9.61	163	170358	4.873	ng	97
57) 2,4-Dinitrotoluene	9.90	165	76725	7.775	ng	# 26

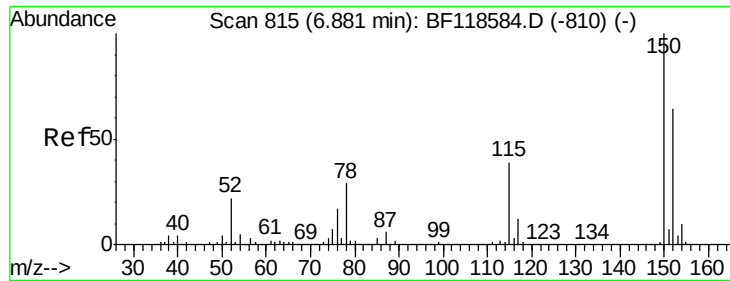
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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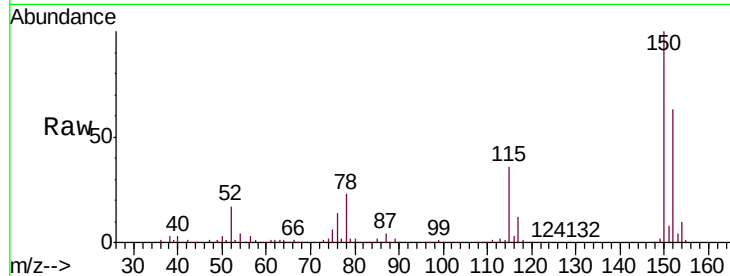


#1

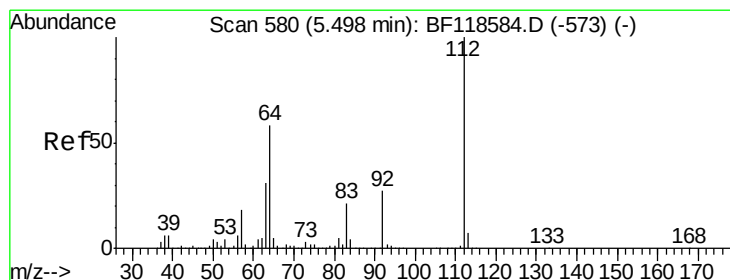
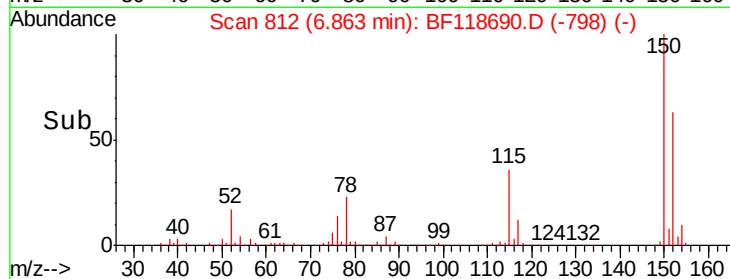
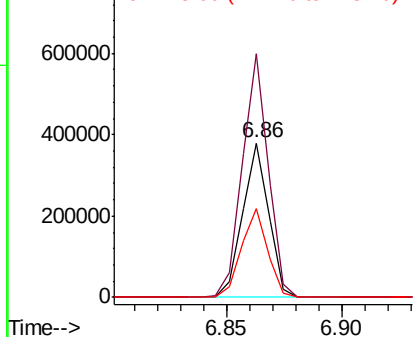
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.02 min
Lab File: BF118690.D
Acq: 24 Jan 2020 17:20

Instrument :
BNA_F
ClientSampleId :
JC-03-012320-A

Tgt Ion:152 Resp: 300234
Ion Ratio Lower Upper
152 100
150 157.9 125.6 188.4
115 57.4 48.4 72.6



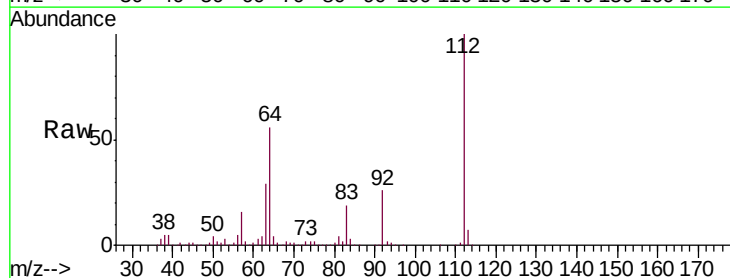
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



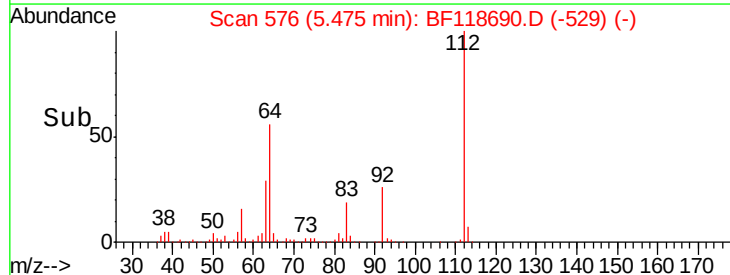
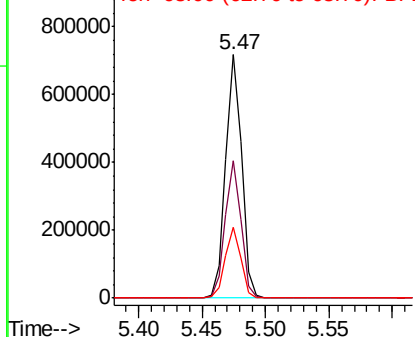
#5

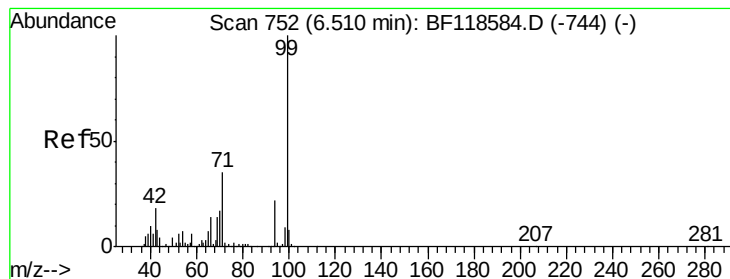
2-Fluorophenol
Concen: 39.095 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.02 min
Lab File: BF118690.D
Acq: 24 Jan 2020 17:20

Tgt Ion:112 Resp: 631983
Ion Ratio Lower Upper
112 100
64 56.2 46.6 70.0
63 28.9 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: 34.158 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.03 min

Lab File: BF118690.D

Acq: 24 Jan 2020 17:20

Instrument :

BNA_F

ClientSampleId :

JC-03-012320-A

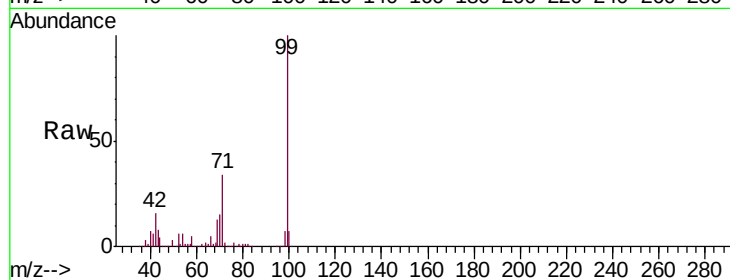
Tgt Ion: 99 Resp: 717690

Ion Ratio Lower Upper

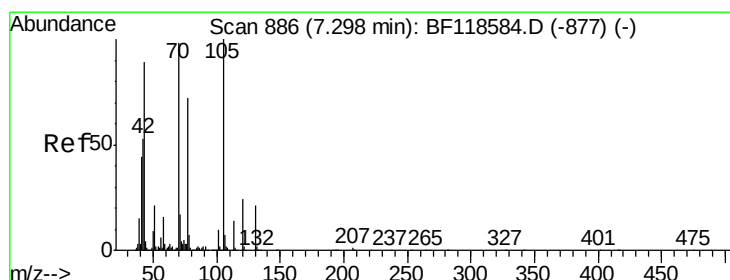
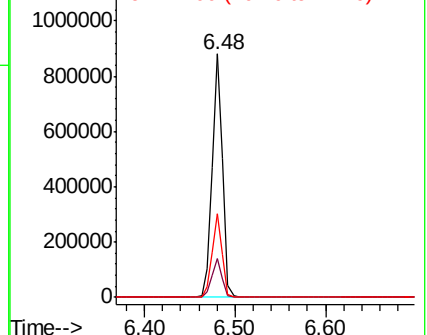
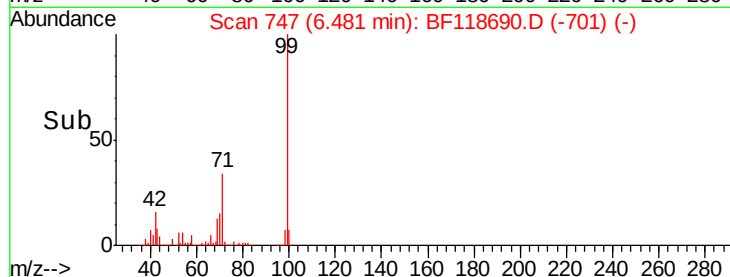
99 100

42 16.1 14.2 21.2

71 34.1 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



#19

n-Nitroso-di-n-propylamine

Concen: 4.539 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.12 min

Lab File: BF118690.D

Acq: 24 Jan 2020 17:20

Tgt Ion: 70 Resp: 64401

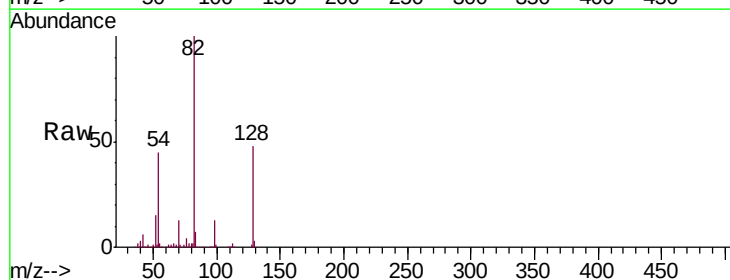
Ion Ratio Lower Upper

70 100

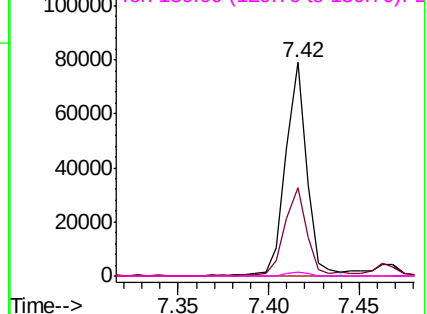
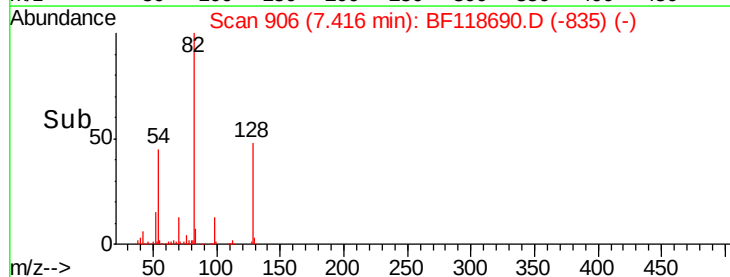
42 41.6 43.4 65.0#

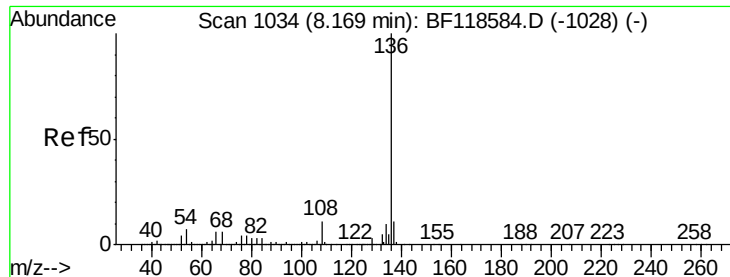
101 0.0 8.1 12.1#

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): BF1
Ion 130.00 (129.70 to 130.70): BF1

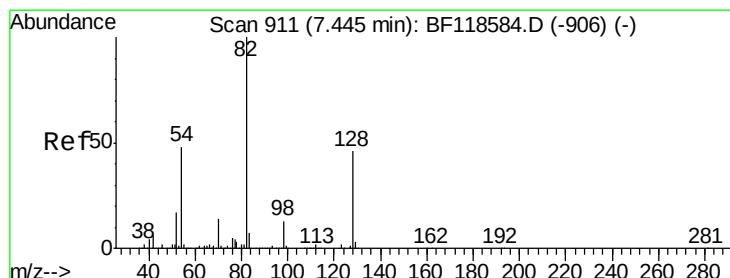
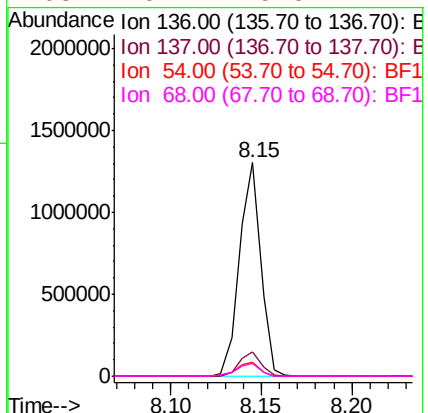
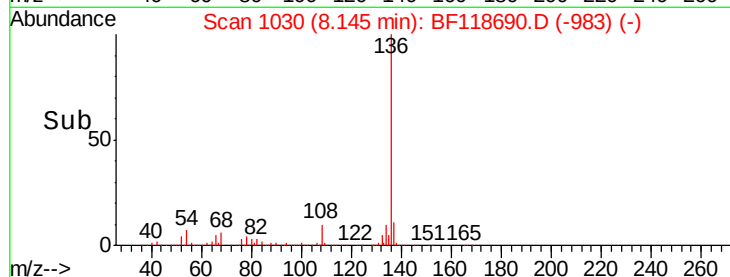
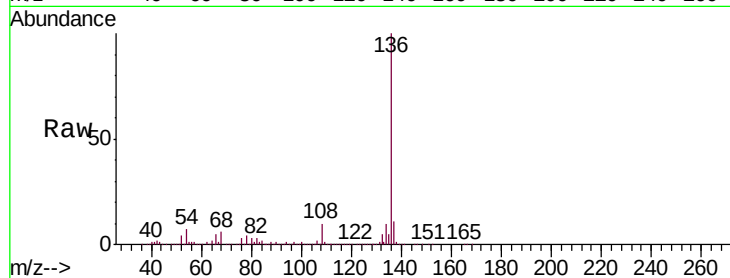




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.02 min
Lab File: BF118690.D
Acq: 24 Jan 2020 17:20

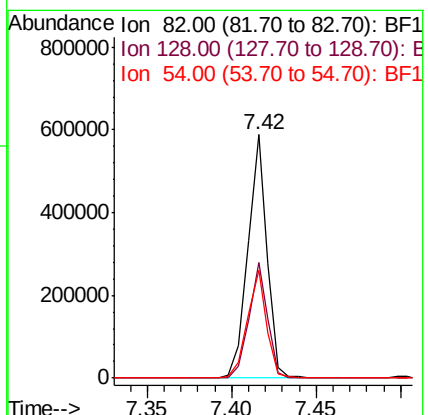
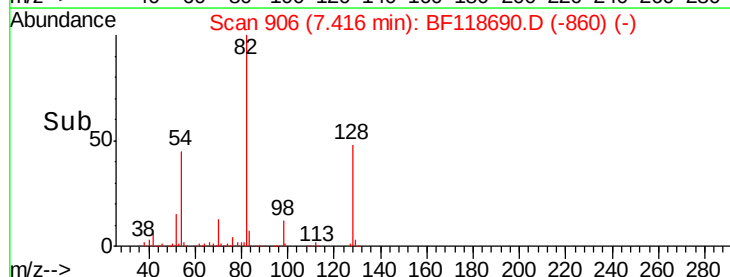
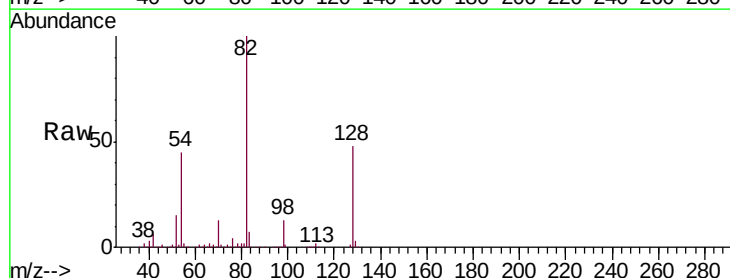
Instrument :
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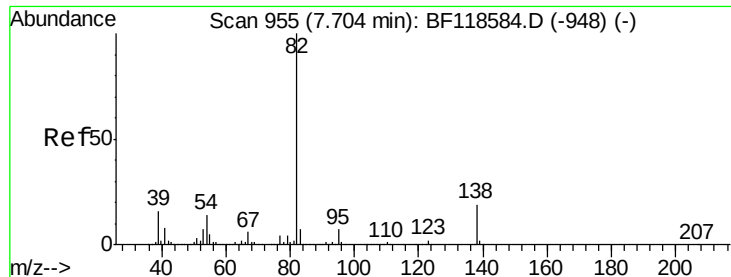
Tgt Ion:	136	Resp:	1070186
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	6.6	5.8	8.6
68	6.1	5.0	7.4



#23
Nitrobenzene-d5
Concen: 24.412 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.03 min
Lab File: BF118690.D
Acq: 24 Jan 2020 17:20

Tgt Ion:	82	Resp:	467075
Ion	Ratio	Lower	Upper
82	100		
128	47.6	36.6	54.8
54	44.5	38.0	57.0





#25

Isophorone

Concen: 13.283 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.29 min

Lab File: BF118690.D

Acq: 24 Jan 2020 17:20

Instrument :

BNA_F

ClientSampleId :

JC-03-012320-A

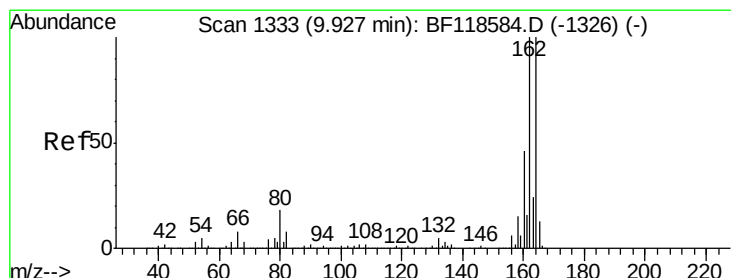
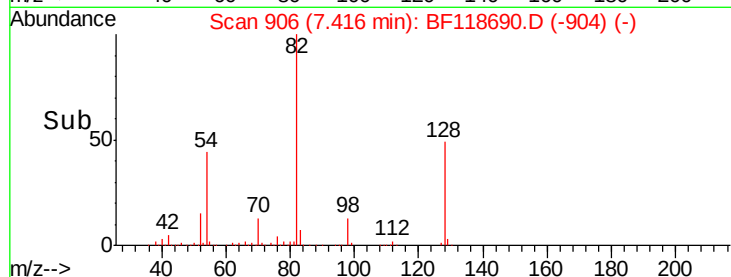
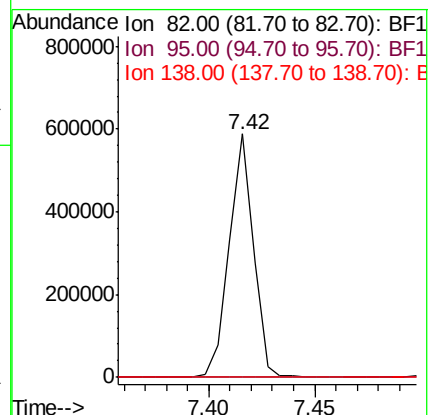
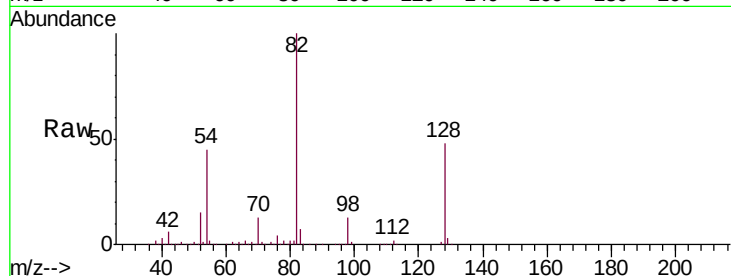
Tgt Ion: 82 Resp: 463553

Ion Ratio Lower Upper

82 100

95 0.1 5.9 8.9#

138 0.0 15.3 22.9#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.03 min

Lab File: BF118690.D

Acq: 24 Jan 2020 17:20

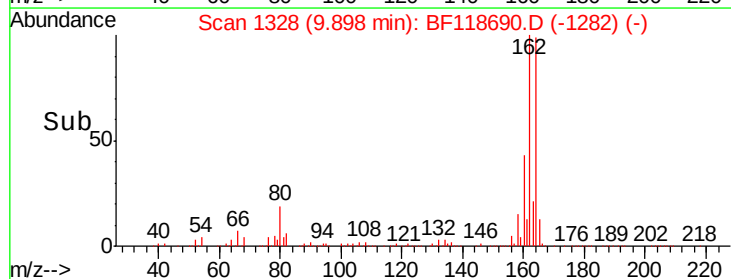
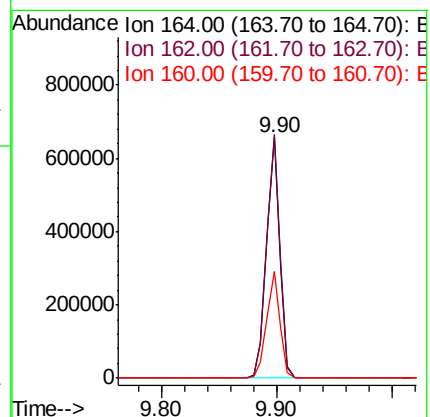
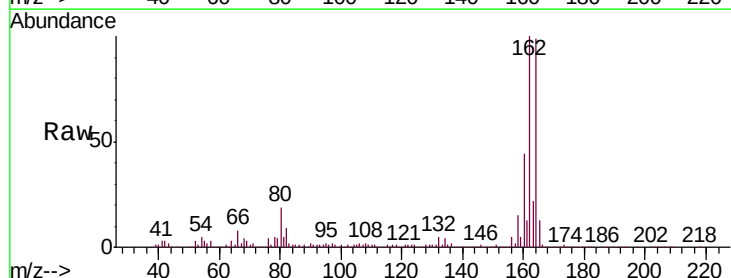
Tgt Ion: 164 Resp: 536547

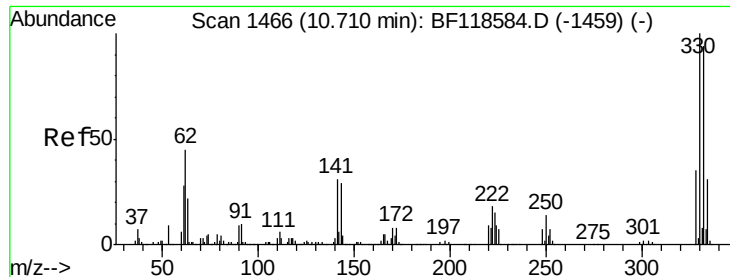
Ion Ratio Lower Upper

164 100

162 101.2 80.4 120.6

160 44.1 36.6 55.0

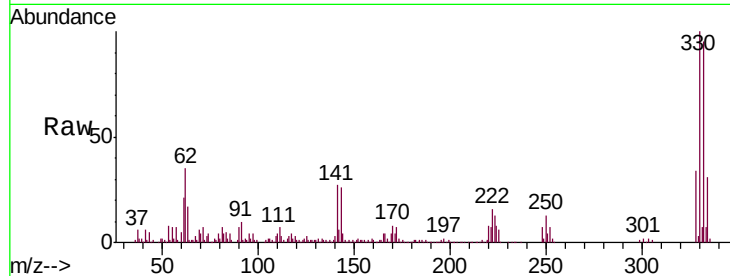




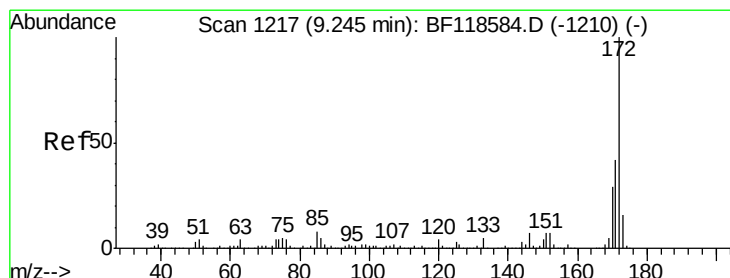
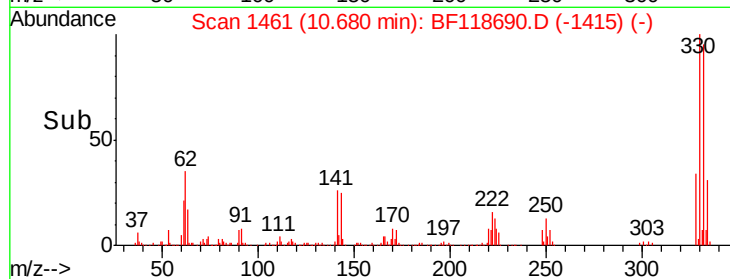
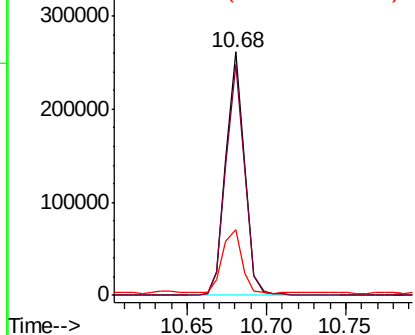
#42
 2,4,6-Tribromophenol
 Concen: 34.573 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.03 min
 Lab File: BF118690.D
 Acq: 24 Jan 2020 17:20

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-012320-A

Tgt Ion:330 Resp: 214554
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.2 114.4
 141 27.2 23.9 35.9

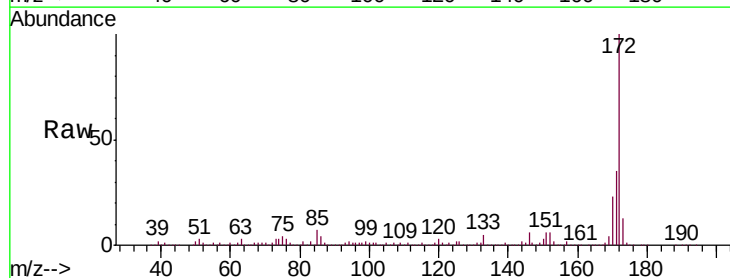


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

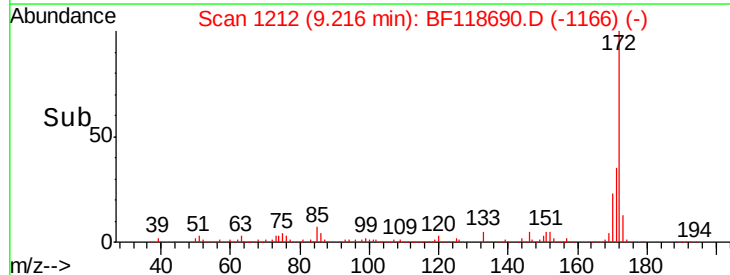
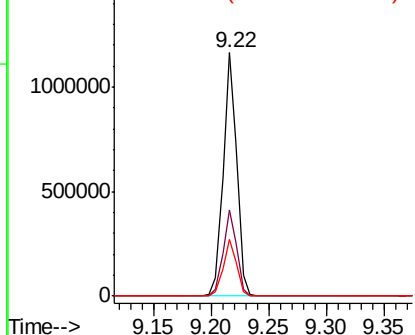


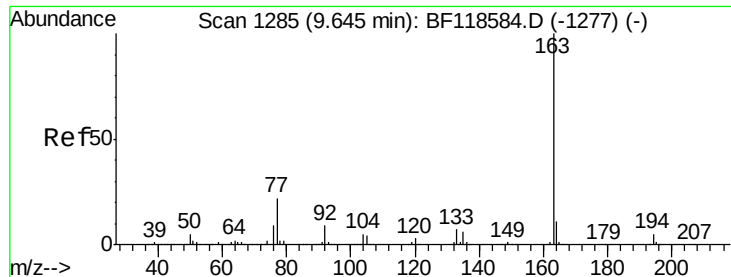
#45
 2-Fluorobiphenyl
 Concen: 29.020 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.03 min
 Lab File: BF118690.D
 Acq: 24 Jan 2020 17:20

Tgt Ion:172 Resp: 947323
 Ion Ratio Lower Upper
 172 100
 171 35.3 33.4 50.2
 170 23.2 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

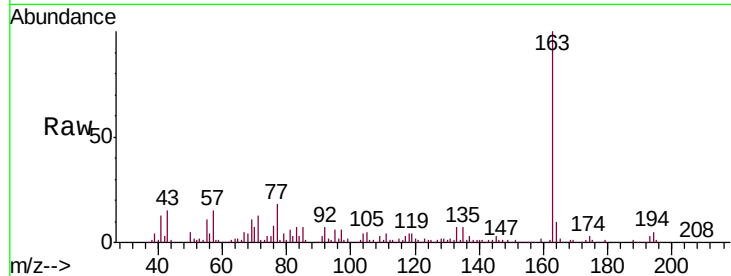




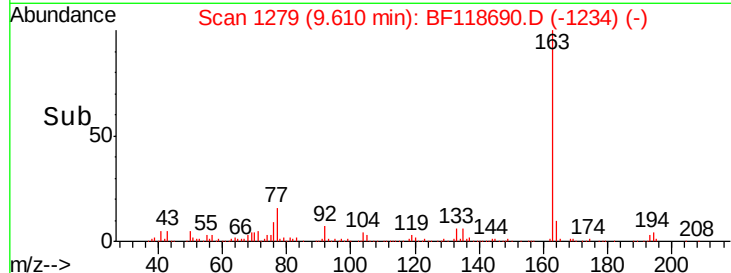
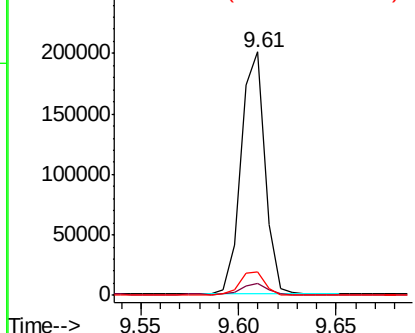
#50
Dimethylphthalate
Concen: 4.873 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.04 min
Lab File: BF118690.D
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ClientSampleId :
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Tgt Ion:163 Resp: 170358
Ion Ratio Lower Upper
163 100
194 4.9 3.9 5.9
164 9.8 9.1 13.7

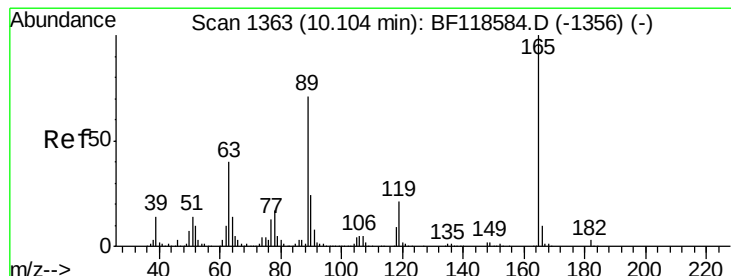


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

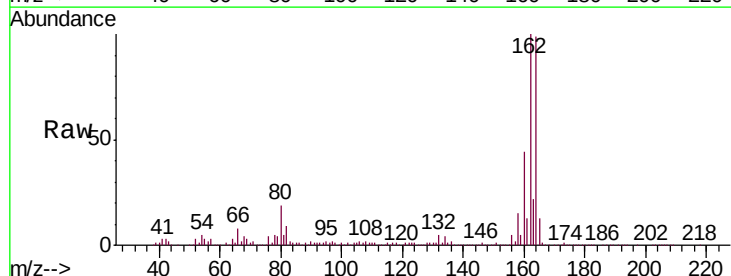
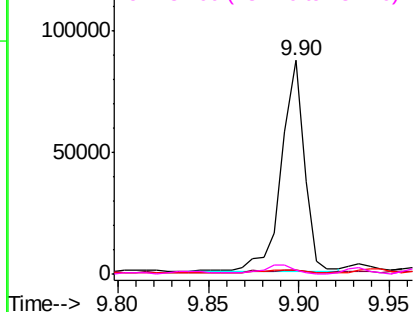


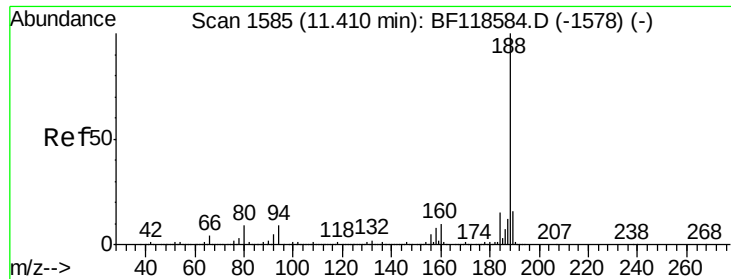
#57
2,4-Dinitrotoluene
Concen: 7.775 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.21 min
Lab File: BF118690.D
Acq: 24 Jan 2020 17:20

Tgt Ion:165 Resp: 76725
Ion Ratio Lower Upper
165 100
63 1.5 32.4 48.6#
89 2.0 56.4 84.6#
182 2.0 2.3 3.5#



Abundance Ion 165.00 (164.70 to 165.70): E
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: 11.38 min Scan# 1580

Delta R.T. -0.03 min

Lab File: BF118690.D

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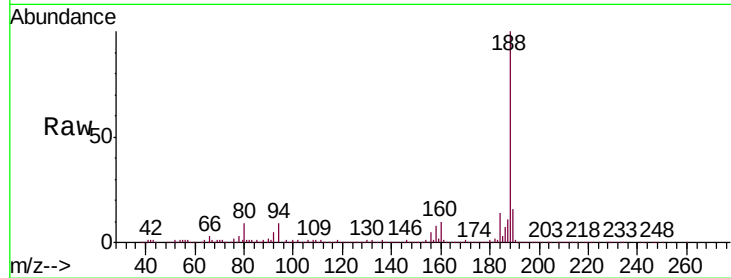
Tgt Ion:188 Resp: 907023

Ion Ratio Lower Upper

188 100

94 8.9 7.1 10.7

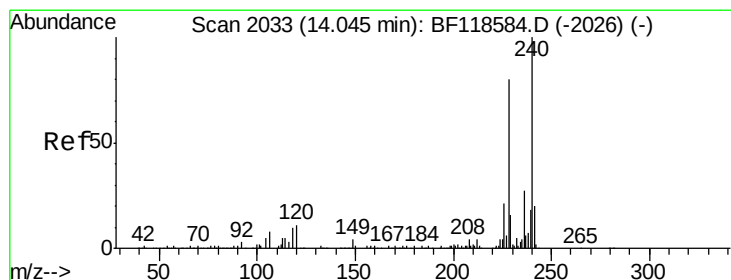
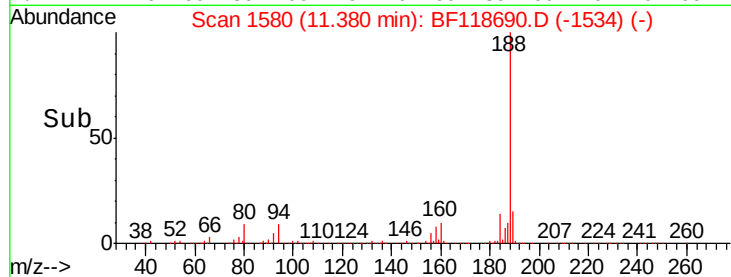
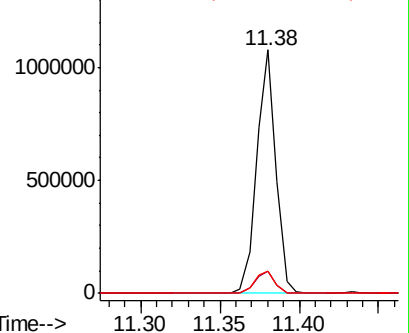
80 9.3 7.5 11.3



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: 14.01 min Scan# 2027

Delta R.T. -0.04 min

Lab File: BF118690.D

Acq: 24 Jan 2020 17:20

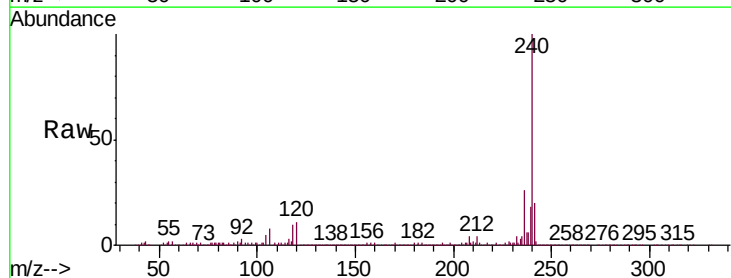
Tgt Ion:240 Resp: 595112

Ion Ratio Lower Upper

240 100

120 11.3 8.9 13.3

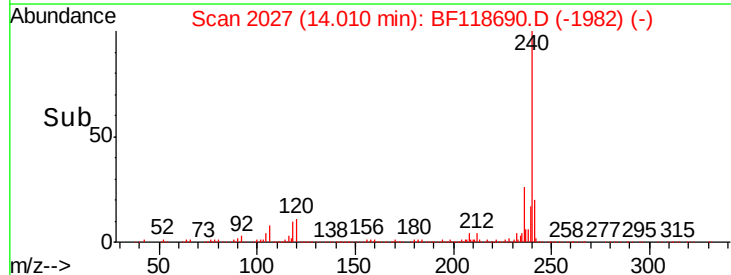
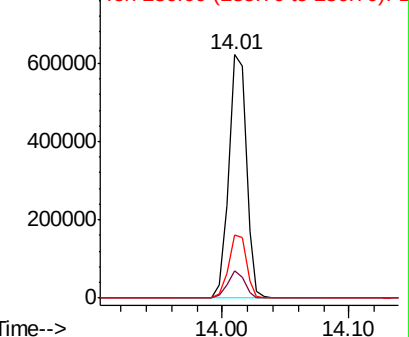
236 25.8 21.5 32.3

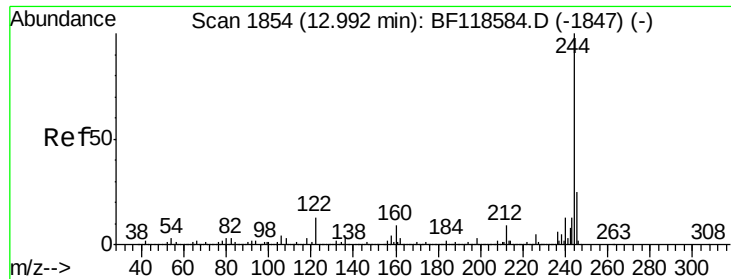


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 31.010 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.03 min

Lab File: BF118690.D

Acq: 24 Jan 2020 17:20

Instrument :

BNA_F

ClientSampleId :

JC-03-012320-A

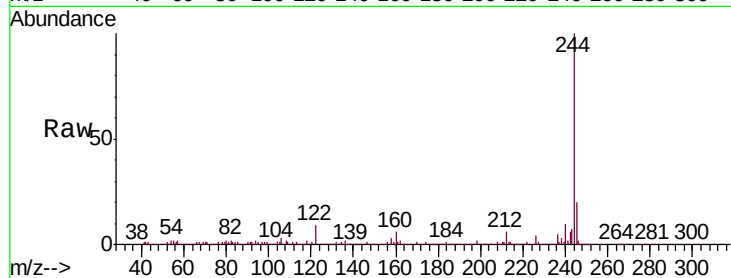
Tgt Ion:244 Resp: 846122

Ion Ratio Lower Upper

244 100

212 6.4 7.0 10.4#

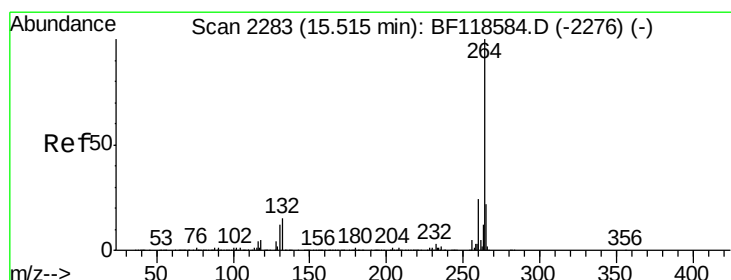
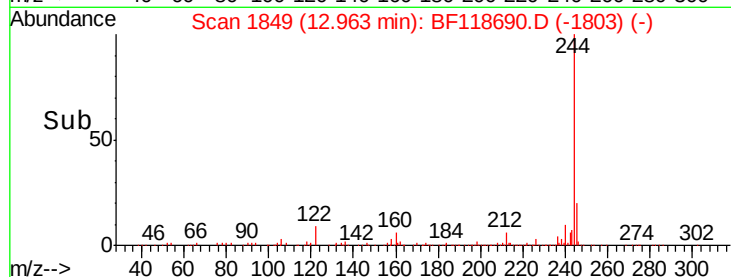
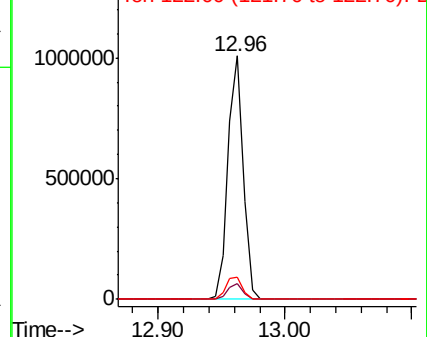
122 9.1 10.7 16.1#



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: BF118690.D

Acq: 24 Jan 2020 17:20

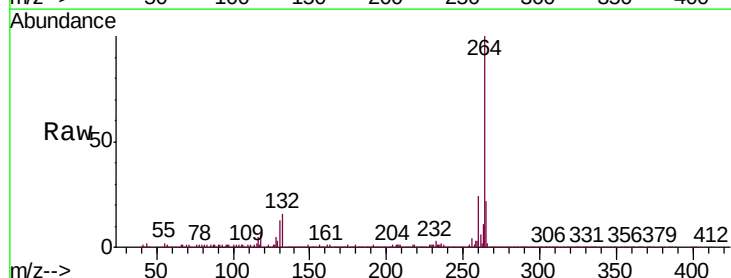
Tgt Ion:264 Resp: 755212

Ion Ratio Lower Upper

264 100

260 24.3 19.6 29.4

265 22.4 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

