

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
 Data File : BF118695.D
 Acq On : 24 Jan 2020 19:42
 Operator : CG/JU
 Sample : L1007-19 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Jan 27 02:04:09 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

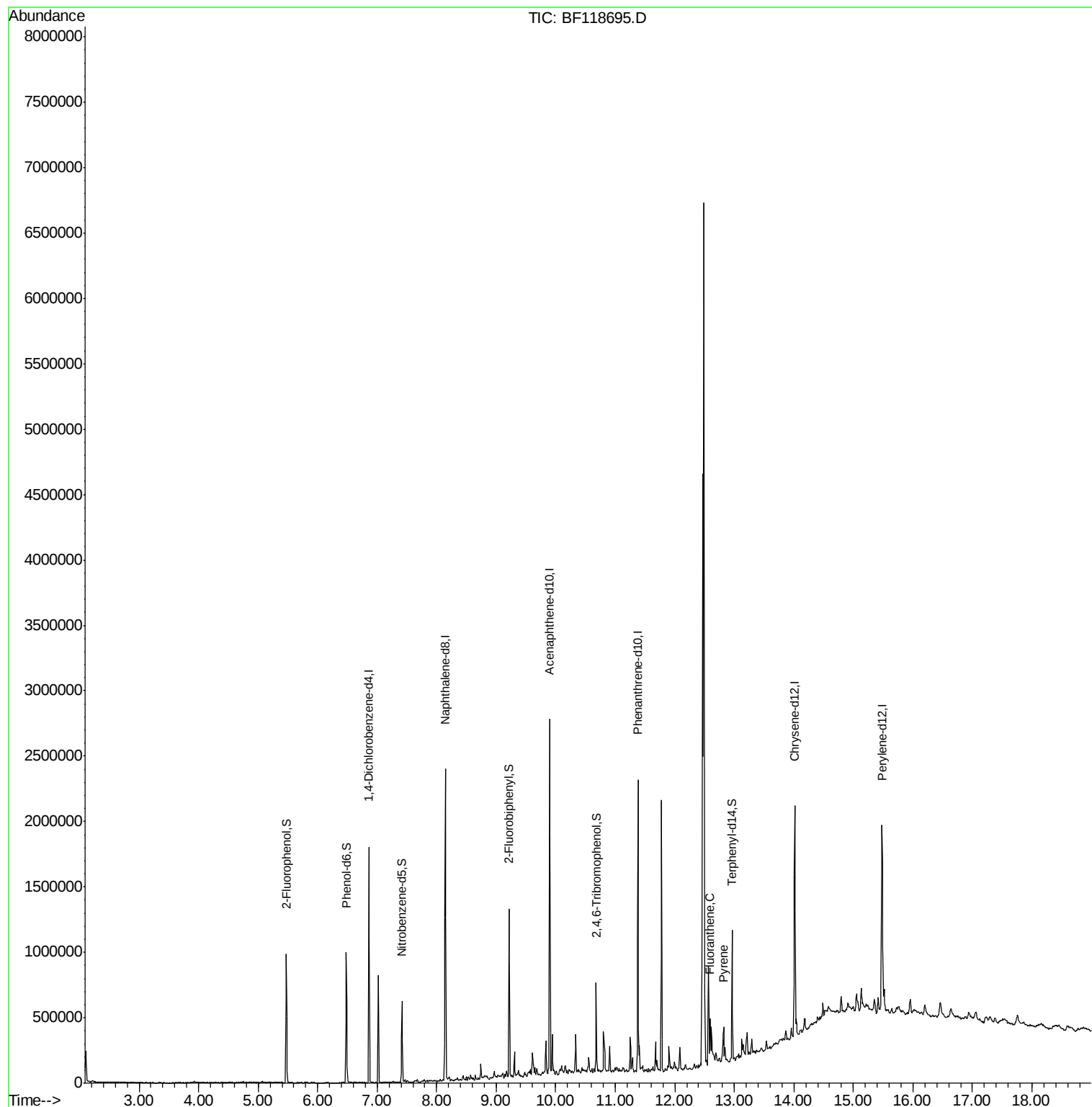
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	254195	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	942600	20.00	ng	-0.02
39) Acenaphthene-d10	9.90	164	524241	20.00	ng	-0.03
64) Phenanthrene-d10	11.38	188	817523	20.00	ng	-0.03
76) Chrysene-d12	14.02	240	547721	20.00	ng	-0.03
87) Perylene-d12	15.48	264	686394	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	256905	18.77	ng	-0.02
7) Phenol-d6	6.48	99	301940	16.97	ng	-0.03
23) Nitrobenzene-d5	7.42	82	174290	10.34	ng	-0.03
42) 2,4,6-Tribromophenol	10.68	330	82329	13.58	ng	-0.03
45) 2-Fluorobiphenyl	9.22	172	387038	12.13	ng	-0.03
79) Terphenyl-d14	12.96	244	351786	14.01	ng	-0.03
Target Compounds						
75) Fluoranthene	12.59	202	114809	2.760	ng	Qvalue 92
78) Pyrene	12.82	202	105907	2.848	ng	91

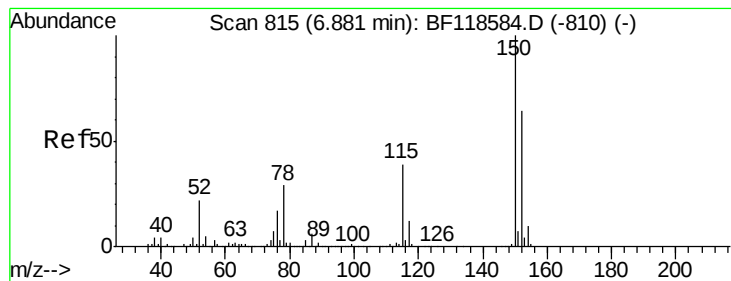
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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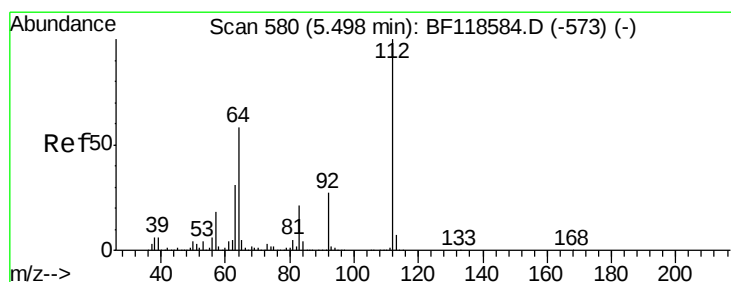
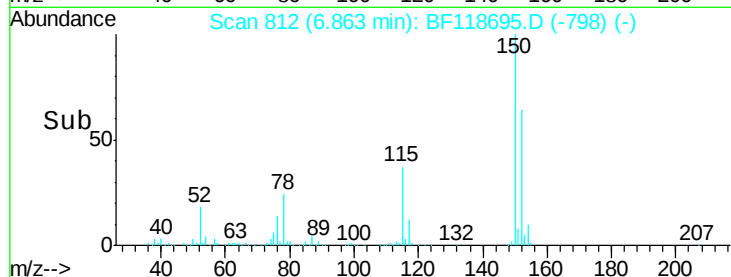
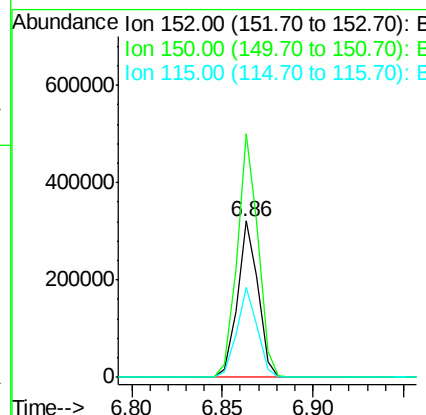
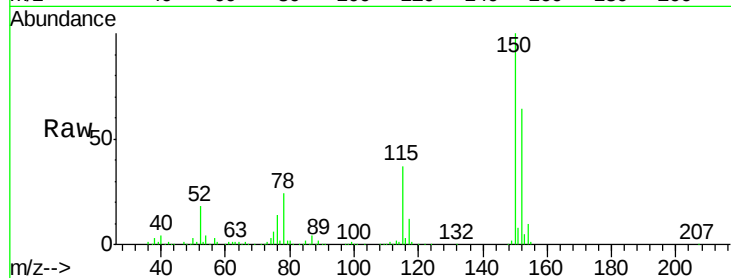


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.02 min
Lab File: BF118695.D
Acq: 24 Jan 2020 19:42

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

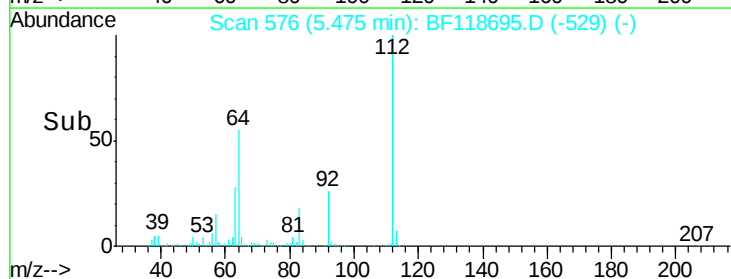
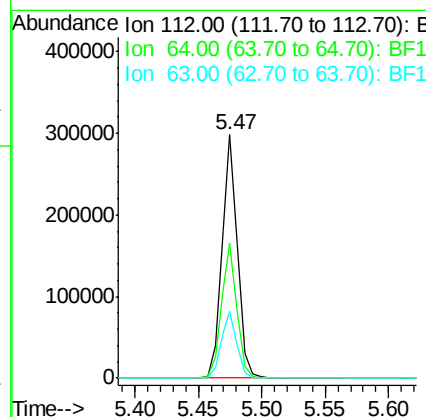
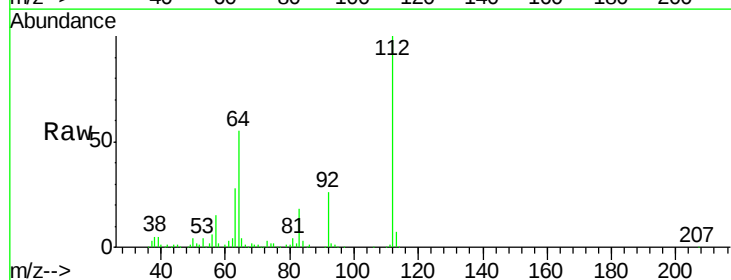
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	125.6	188.4
115	57.7	48.4	72.6

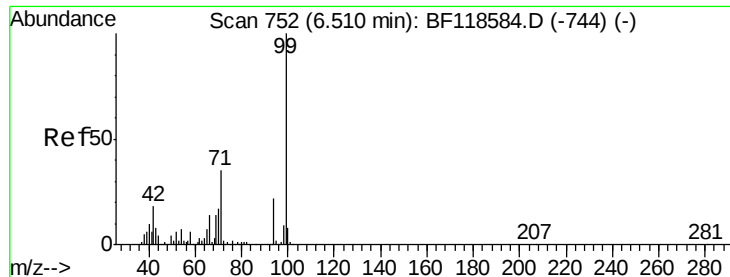


#5

2-Fluorophenol
Concen: 18.771 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.02 min
Lab File: BF118695.D
Acq: 24 Jan 2020 19:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.1	46.6	70.0
63	27.6	25.1	37.7





#7

Phenol-d6

Concen: 16.973 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.03 min

Lab File: BF118695.D

Acq: 24 Jan 2020 19:42

Instrument :

BNA_F

ClientSampleId :

JC-03-012320-C

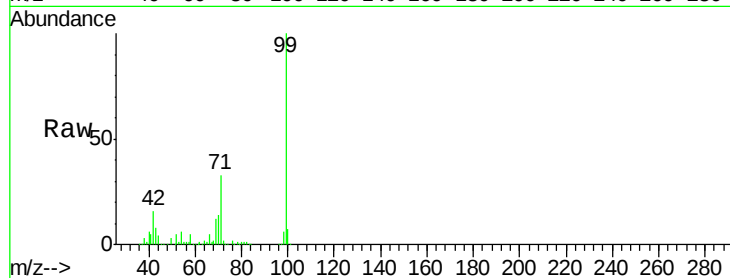
Tot Ion: 99 Resp: 301940

Ion Ratio Lower Upper

99 100

42 16.1 14.2 21.2

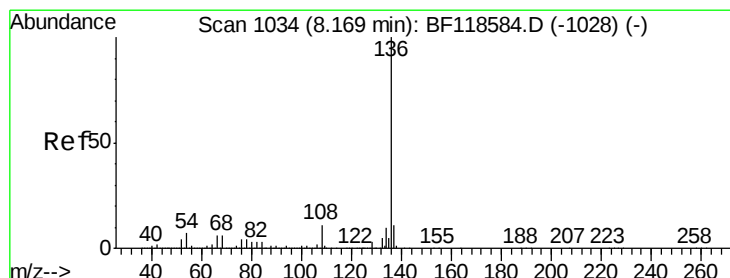
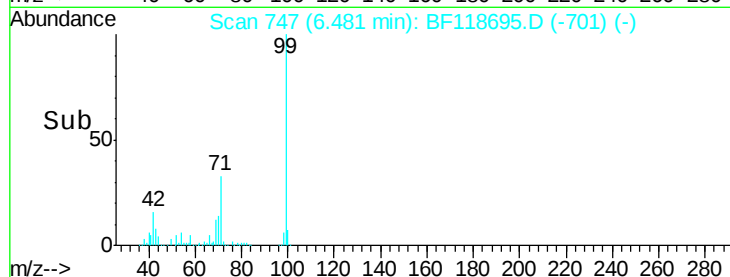
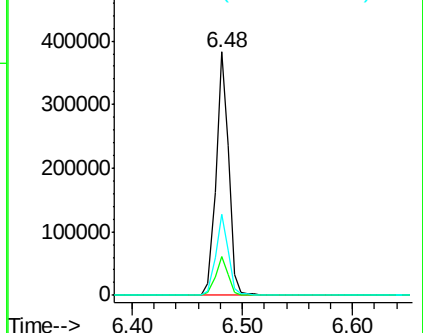
71 33.2 27.8 41.6



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.02 min

Lab File: BF118695.D

Acq: 24 Jan 2020 19:42

Tgt Ion: 136 Resp: 942600

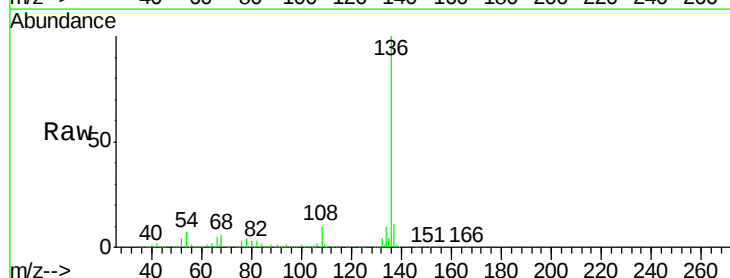
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 6.6 5.8 8.6

68 6.0 5.0 7.4

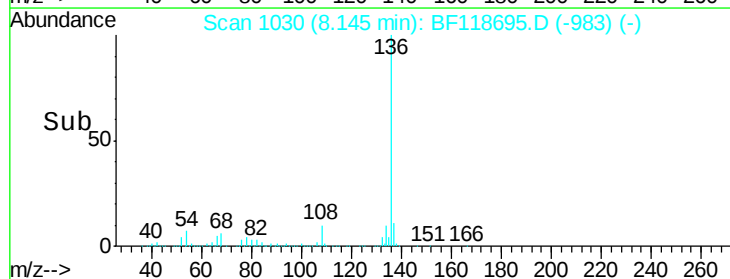
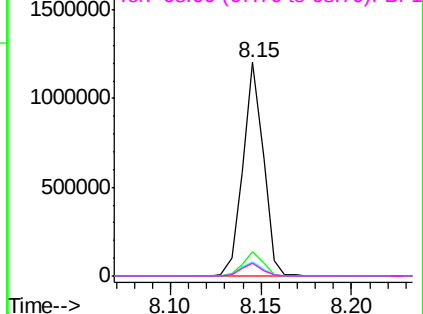


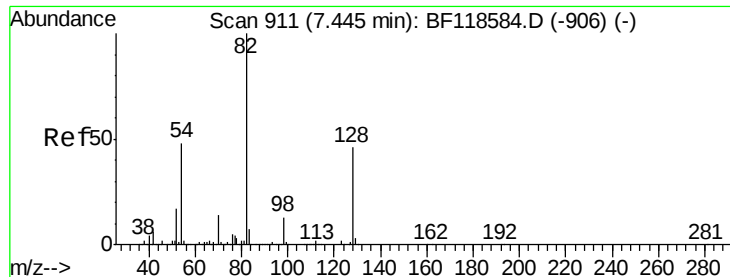
Abundance Ion 136.00 (135.70 to 136.70): E

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

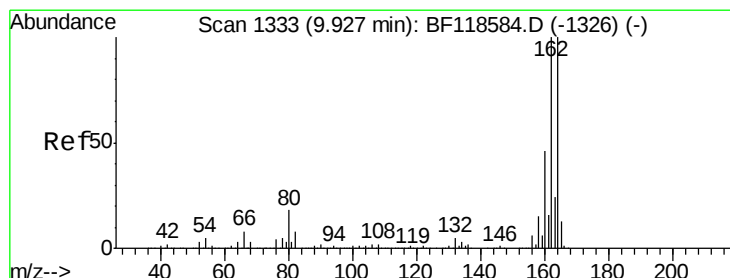
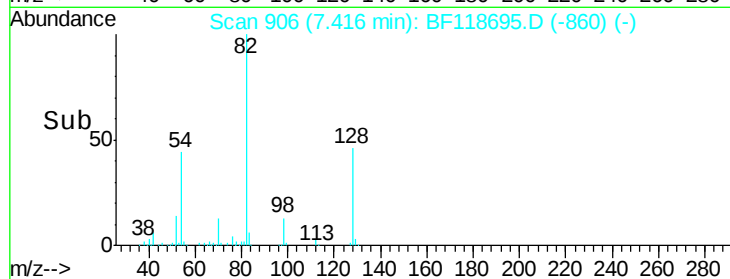
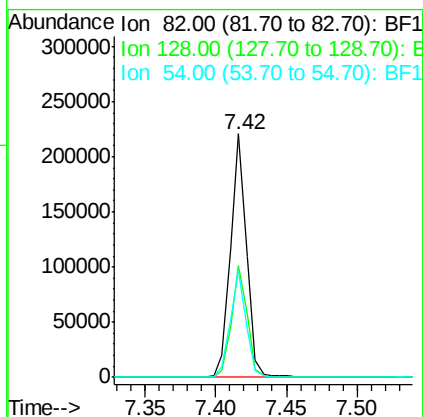
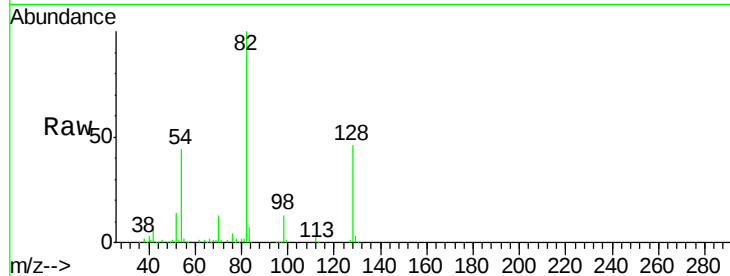




#23
 Nitrobenzene-d5
 Concen: 10.342 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.03 min
 Lab File: BF118695.D
 Acq: 24 Jan 2020 19:42

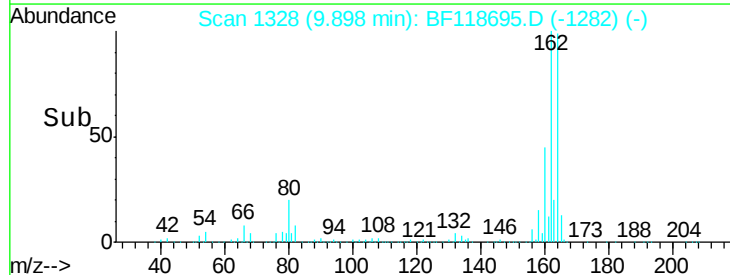
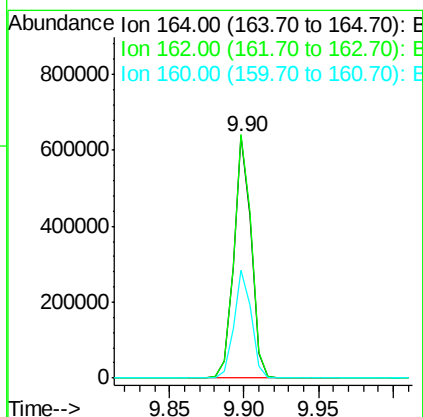
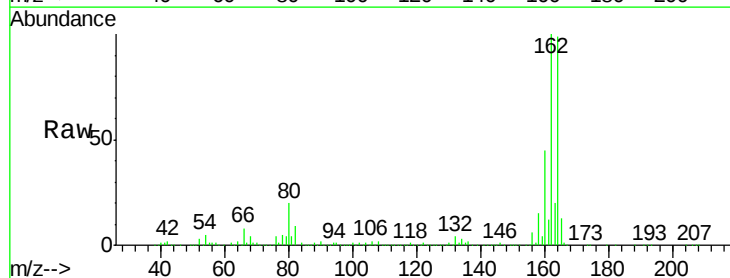
Instrument :
 BNA_F
 ClientSampleId :
 JC-03-012320-C

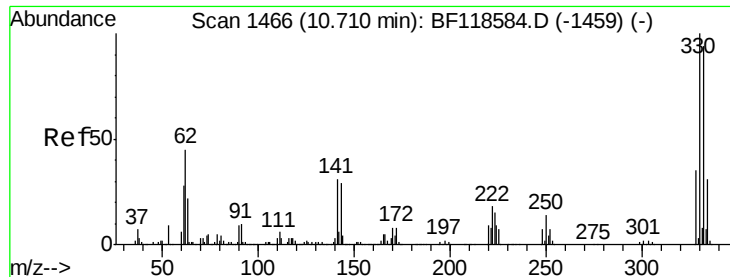
Tot Ion	82	Resp	174290
Ion Ratio	Lower	Upper	
82	100		
128	46.0	36.6	54.8
54	43.8	38.0	57.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.03 min
 Lab File: BF118695.D
 Acq: 24 Jan 2020 19:42

Tgt Ion	164	Resp	524241
Ion Ratio	Lower	Upper	
164	100		
162	100.6	80.4	120.6
160	44.8	36.6	55.0

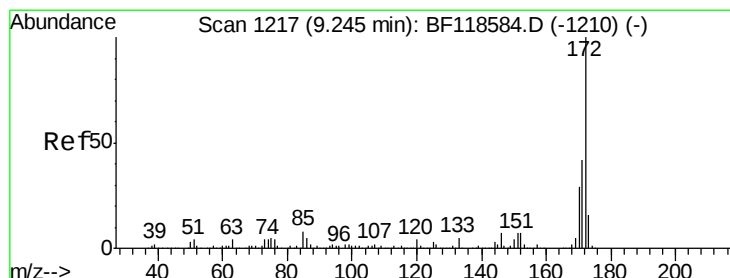
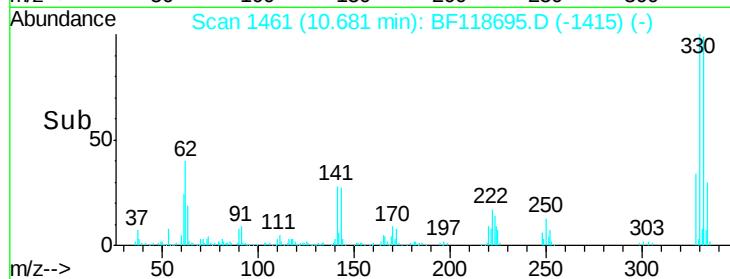
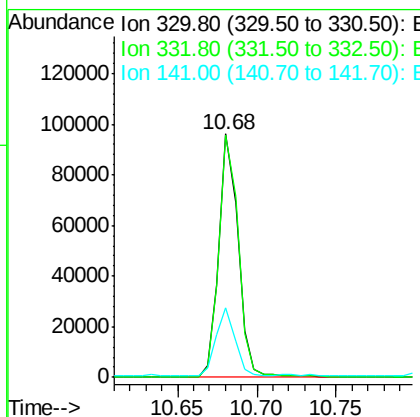
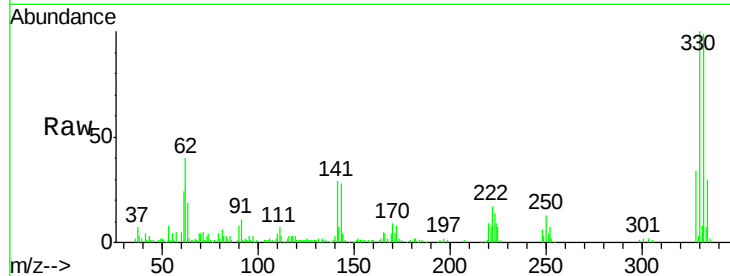




#42
 2,4,6-Tribromophenol
 Concen: 13.578 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.03 min
 Lab File: BF118695.D
 Acq: 24 Jan 2020 19:42

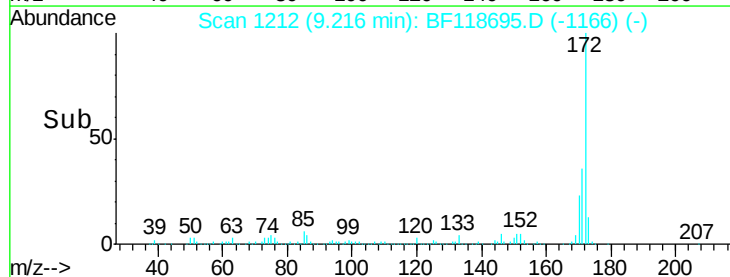
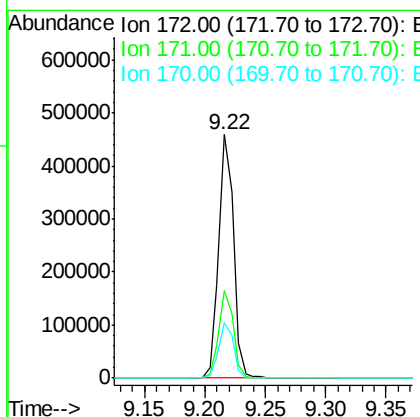
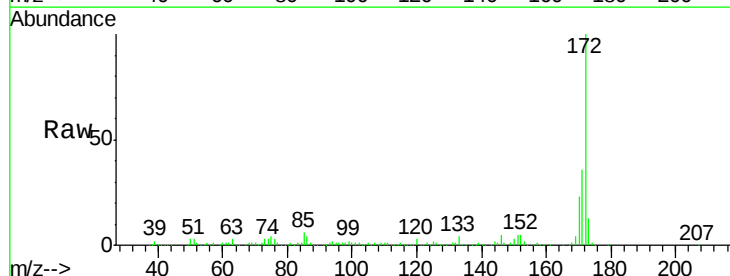
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 ClientSampleId :
 JC-03-012320-C

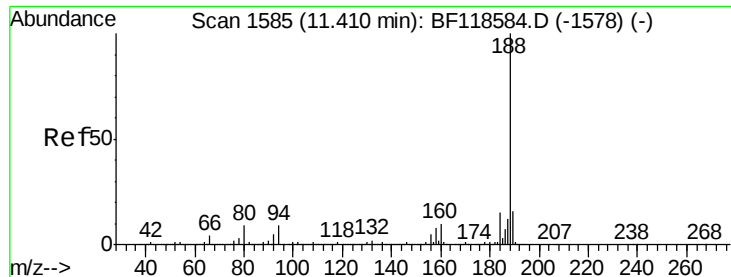
Tot Ion:330 Resp: 82329
 Ion Ratio Lower Upper
 330 100
 332 99.8 76.2 114.4
 141 27.3 23.9 35.9



#45
 2-Fluorobiphenyl
 Concen: 12.135 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.03 min
 Lab File: BF118695.D
 Acq: 24 Jan 2020 19:42

Tgt Ion:172 Resp: 387038
 Ion Ratio Lower Upper
 172 100
 171 35.9 33.4 50.2
 170 22.9 23.2 34.8#

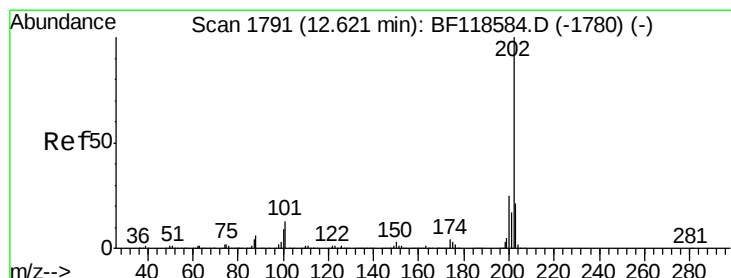
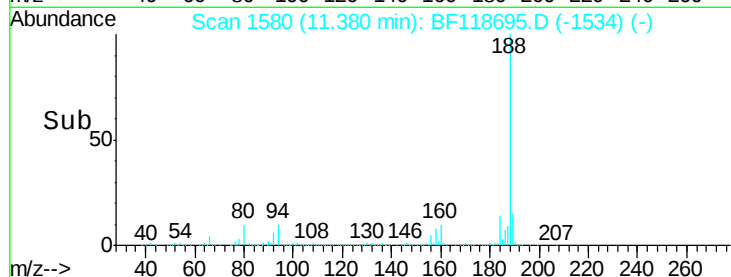
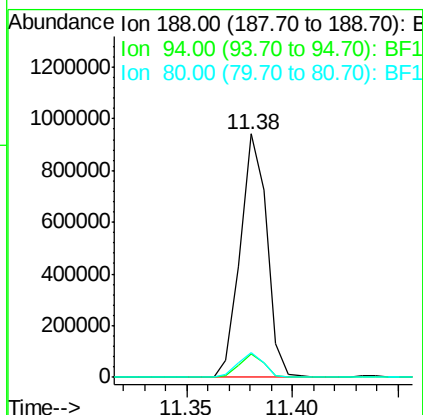
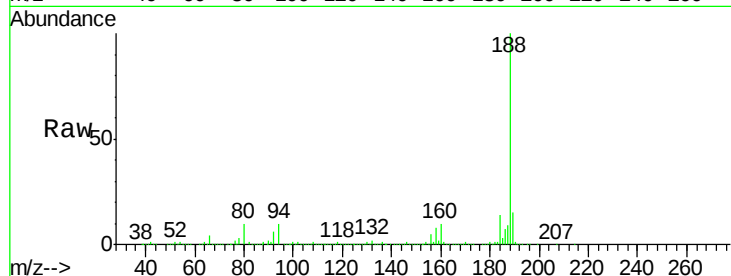




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.03 min
Lab File: BF118695.D
Acq: 24 Jan 2020 19:42

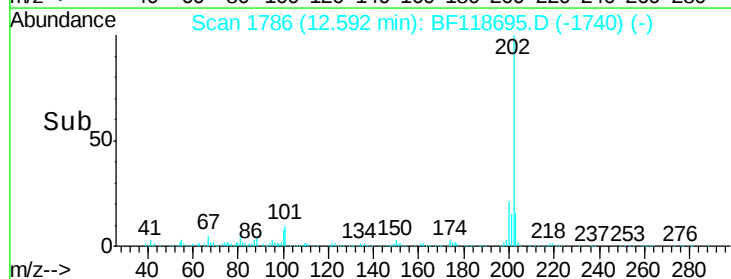
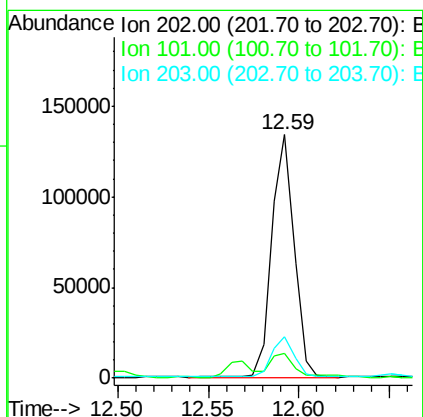
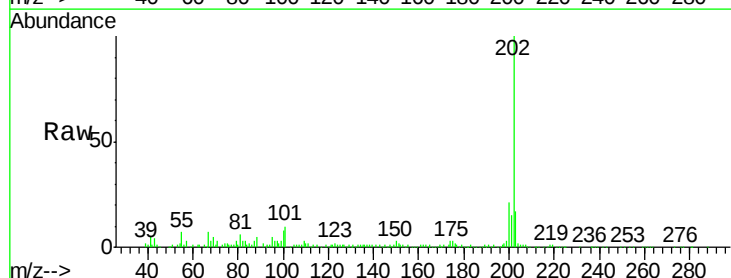
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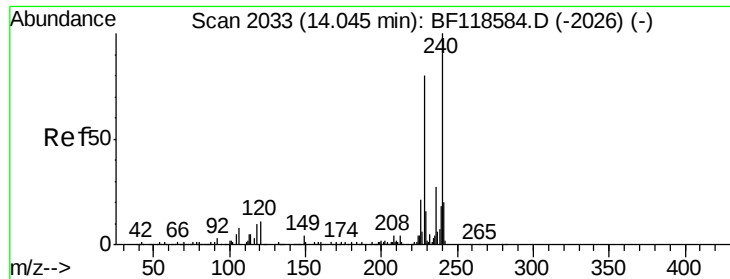
Tot Ion:188 Resp: 817523
Ion Ratio Lower Upper
188 100
94 9.6 7.1 10.7
80 10.3 7.5 11.3



#75
Fluoranthene
Concen: 2.760 ng
RT: 12.59 min Scan# 1786
Delta R.T. -0.03 min
Lab File: BF118695.D
Acq: 24 Jan 2020 19:42

Tgt Ion:202 Resp: 114809
Ion Ratio Lower Upper
202 100
101 10.3 0.0 32.5
203 16.8 0.8 40.8

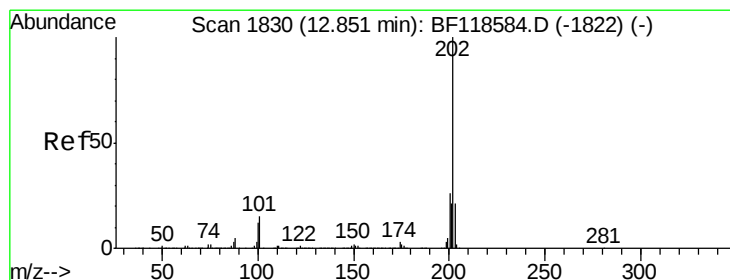
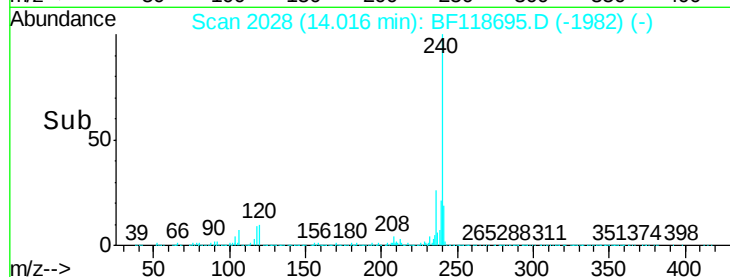
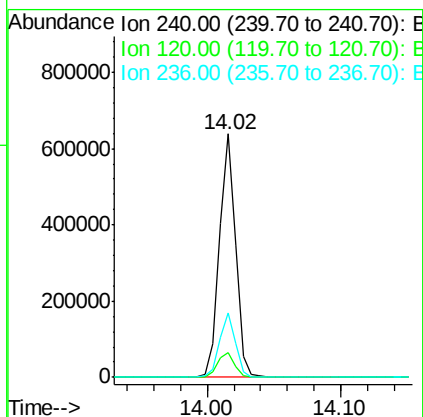
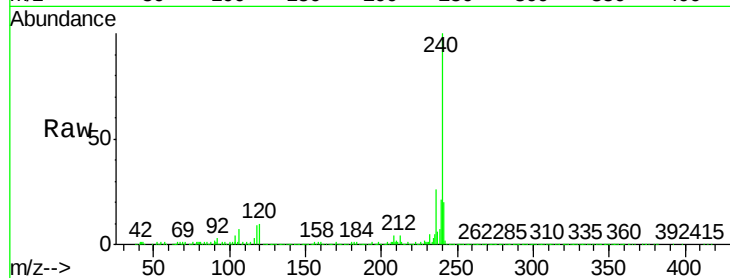




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.03 min
Lab File: BF118695.D
Acq: 24 Jan 2020 19:42

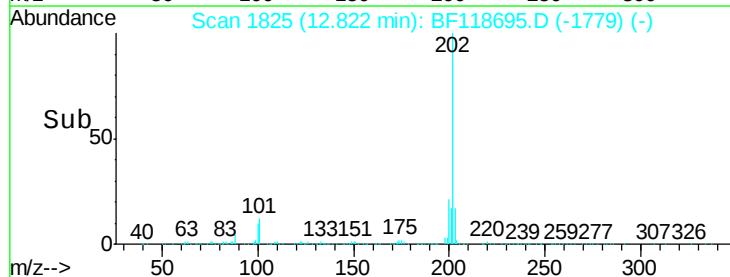
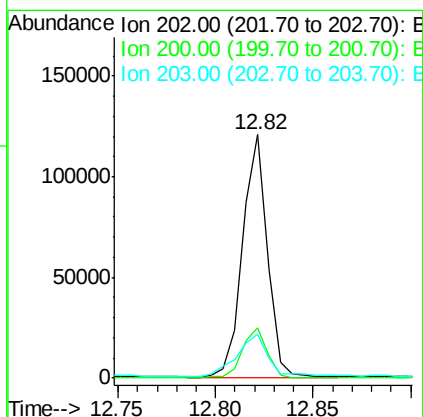
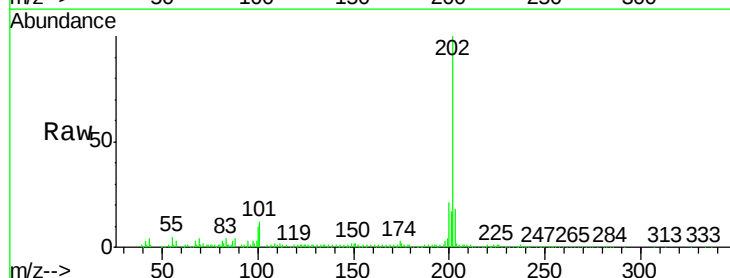
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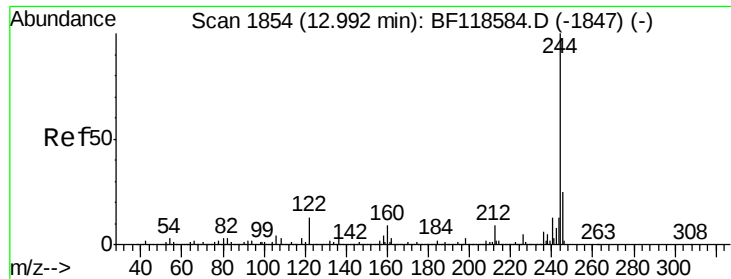
Tot Ion:240 Resp: 547721
Ion Ratio Lower Upper
240 100
120 10.2 8.9 13.3
236 26.3 21.5 32.3



#78
Pyrene
Concen: 2.848 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.03 min
Lab File: BF118695.D
Acq: 24 Jan 2020 19:42

Tgt Ion:202 Resp: 105907
Ion Ratio Lower Upper
202 100
200 20.7 20.6 31.0
203 17.8 16.8 25.2





#79

Terphenyl-d14

Concen: 14.009 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.03 min

Lab File: BF118695.D

Acq: 24 Jan 2020 19:42

Instrument :

BNA_F

ClientSampleId :

JC-03-012320-C

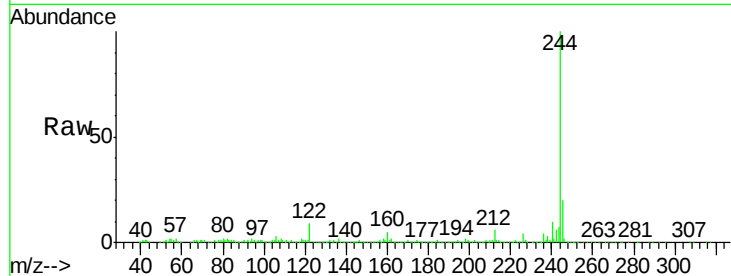
Tot Ion:244 Resp: 351786

Ion Ratio Lower Upper

244 100

212 5.9 7.0 10.4#

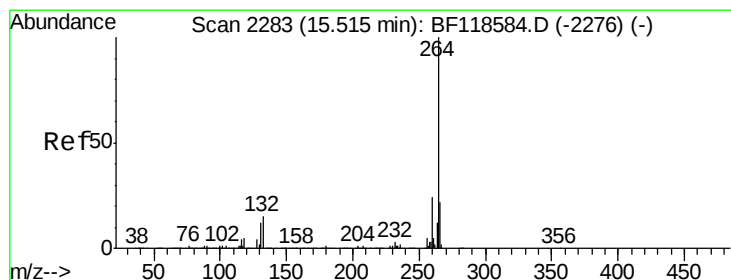
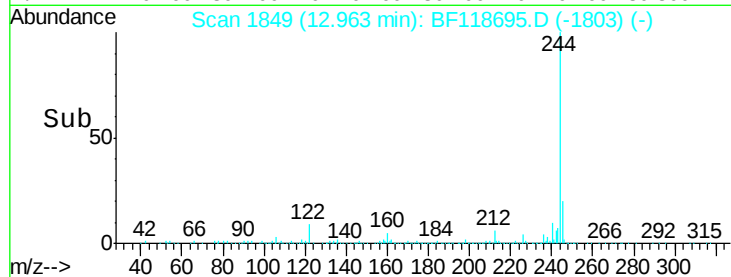
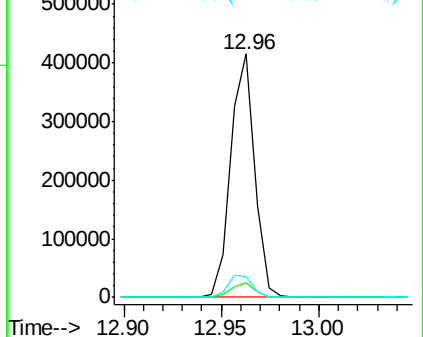
122 8.8 10.7 16.1#



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: 15.48 min Scan# 2277

Delta R.T. -0.04 min

Lab File: BF118695.D

Acq: 24 Jan 2020 19:42

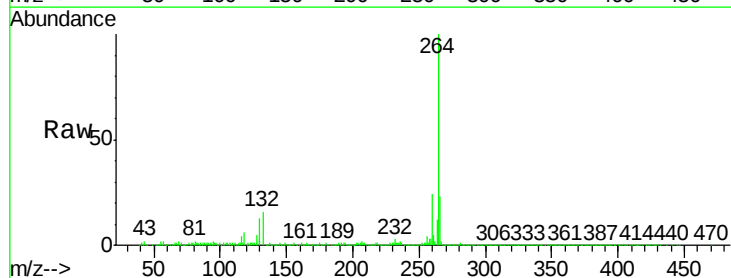
Tgt Ion:264 Resp: 686394

Ion Ratio Lower Upper

264 100

260 23.8 19.6 29.4

265 22.5 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

