

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021320\
 Data File : BF118928.D
 Acq On : 13 Feb 2020 19:26
 Operator : CG/JU
 Sample : L1509-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AOC-3-SP-D

Quant Time: Feb 14 01:22:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

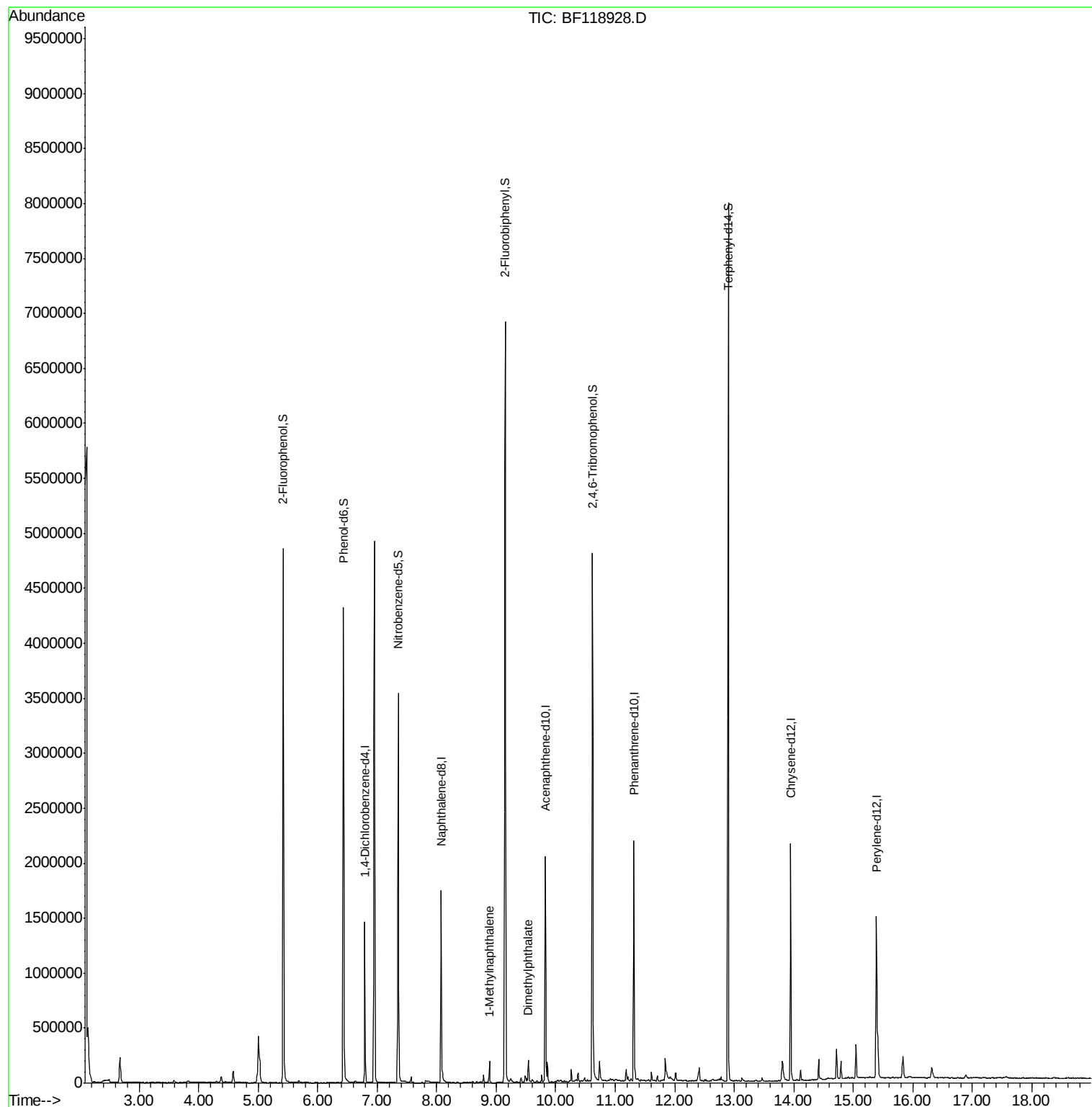
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	214917	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	798834	20.00	ng	-0.03
39) Acenaphthene-d10	9.83	164	435490	20.00	ng	-0.03
64) Phenanthrene-d10	11.31	188	818194	20.00	ng	-0.03
76) Chrysene-d12	13.94	240	770441	20.00	ng	-0.04
87) Perylene-d12	15.39	264	763972	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1441909	127.00	ng	-0.01
7) Phenol-d6	6.43	99	1627492	115.47	ng	-0.02
23) Nitrobenzene-d5	7.36	82	1267950	94.61	ng	-0.02
42) 2,4,6-Tribromophenol	10.62	330	671660	128.90	ng	-0.03
45) 2-Fluorobiphenyl	9.15	172	2348517	96.41	ng	-0.03
79) Terphenyl-d14	12.90	244	3028102	80.73	ng	-0.03
Target Compounds						
38) 1-Methylnaphthalene	8.89	142	54772	2.298	ng	97
50) Dimethylphthalate	9.54	163	89021	3.002	ng	98

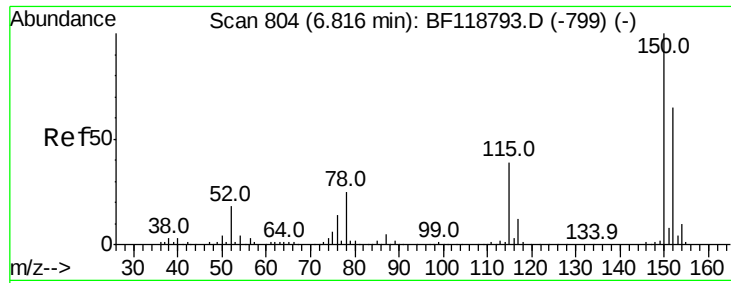
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 14 01:22:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration



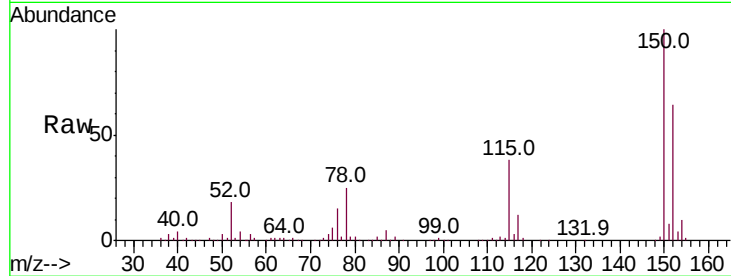


#1

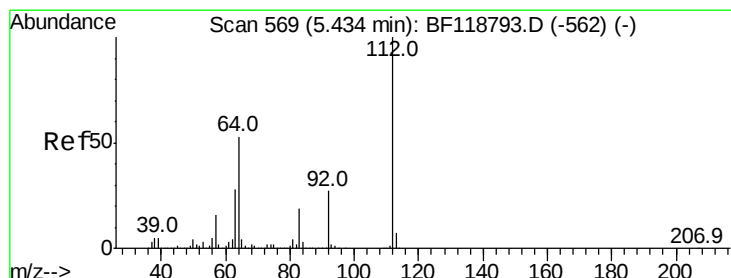
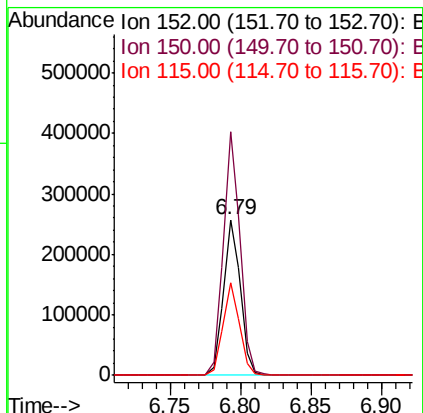
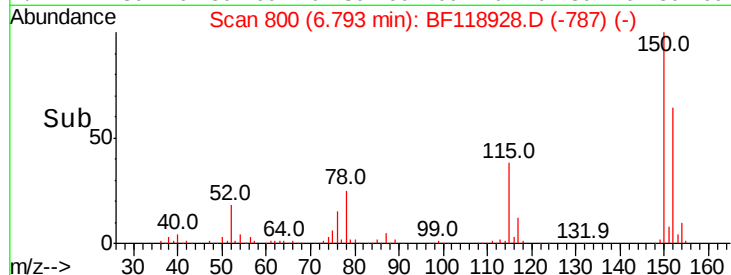
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.02 min
Lab File: BF118928.D
Acq: 13 Feb 2020 19:26

Instrument :
BNA_F
ClientSampleId :
AOC-3-SP-D

Tot Ion:152 Resp: 214917
Ion Ratio Lower Upper
152 100
150 156.4 123.6 185.4
115 59.5 48.2 72.2



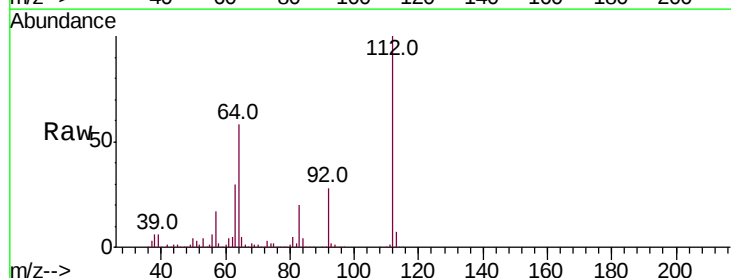
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



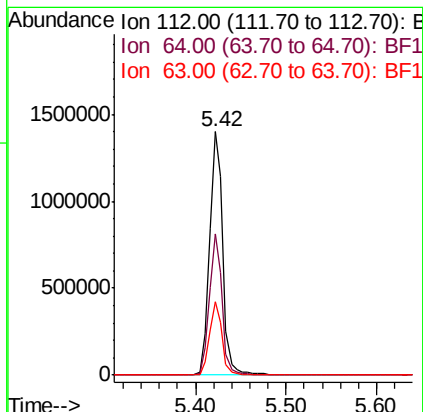
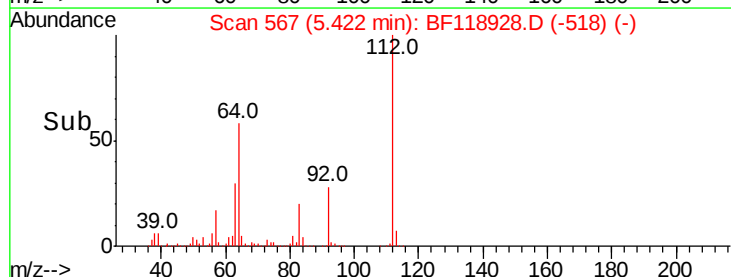
#5

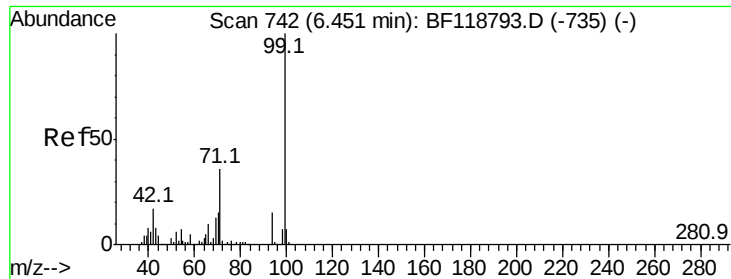
2-Fluorophenol
Concen: 126.999 ng
RT: 5.42 min Scan# 567
Delta R.T. -0.01 min
Lab File: BF118928.D
Acq: 13 Feb 2020 19:26

Tgt Ion:112 Resp: 1441909
Ion Ratio Lower Upper
112 100
64 57.8 42.6 63.8
63 30.2 22.2 33.4



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: 115.475 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF118928.D

Acq: 13 Feb 2020 19:26

Instrument :

BNA_F

ClientSampleId :

AOC-3-SP-D

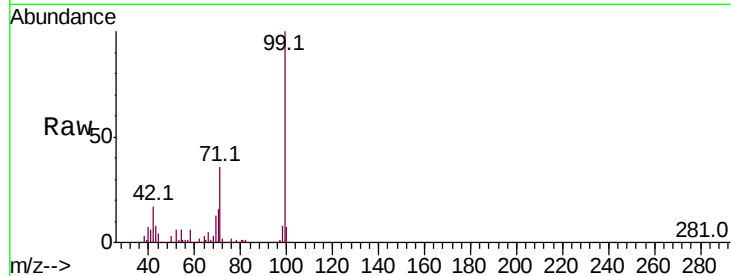
Tot Ion: 99 Resp: 1627492

Ion Ratio Lower Upper

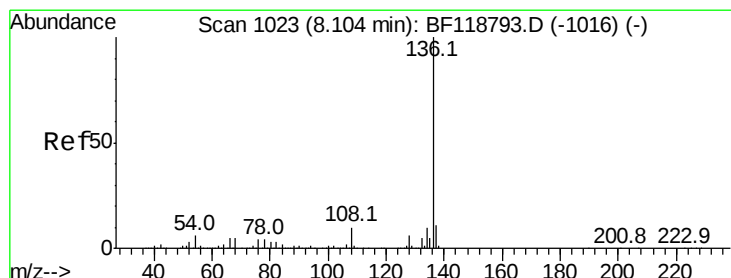
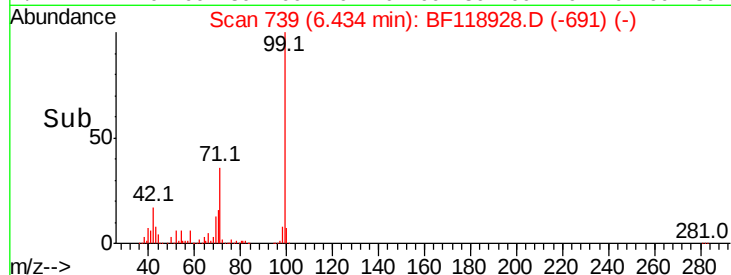
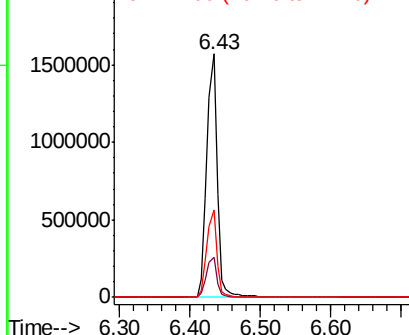
99 100

42 16.5 13.4 20.0

71 35.8 29.0 43.6



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: 8.07 min Scan# 1018

Delta R.T. -0.03 min

Lab File: BF118928.D

Acq: 13 Feb 2020 19:26

Tgt Ion: 136 Resp: 798834

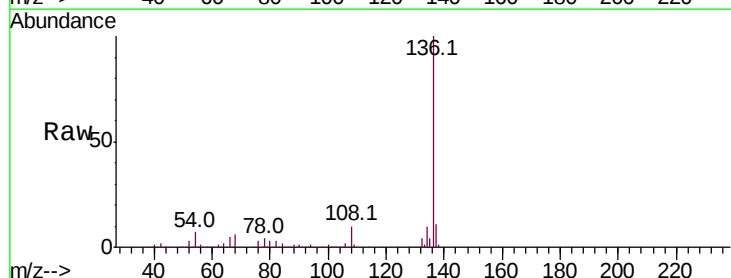
Ion Ratio Lower Upper

136 100

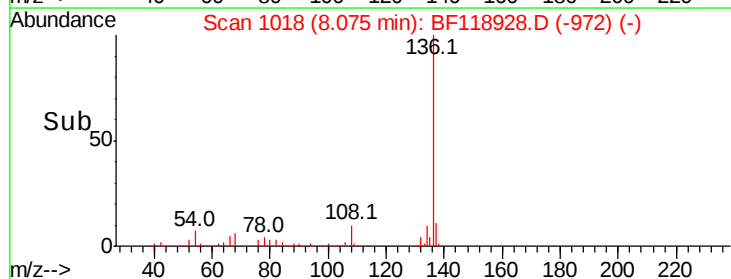
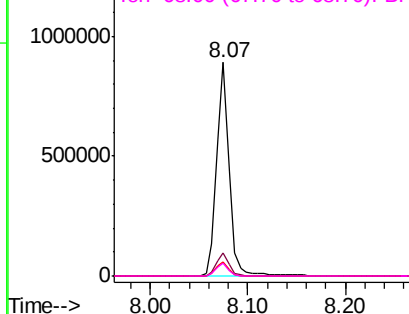
137 11.0 8.7 13.1

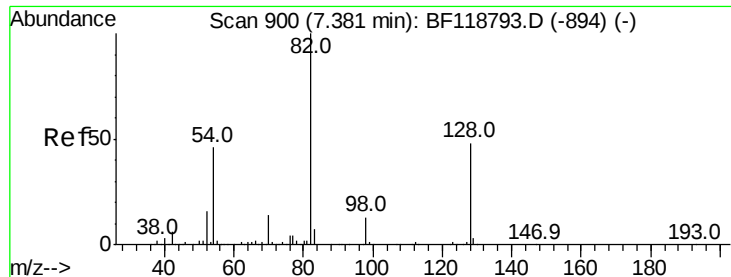
54 6.5 5.0 7.6

68 5.8 4.2 6.4



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

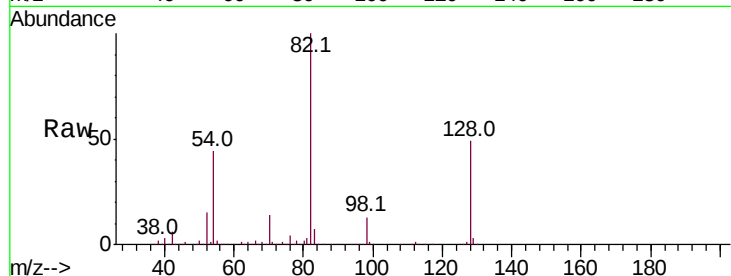




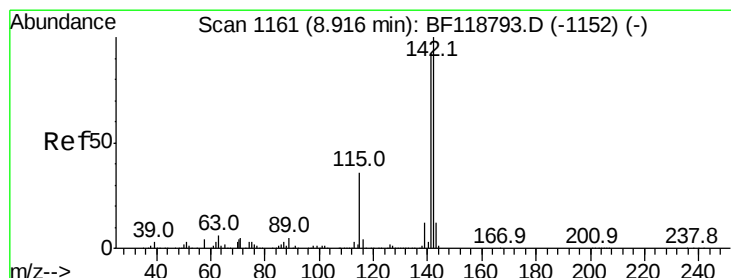
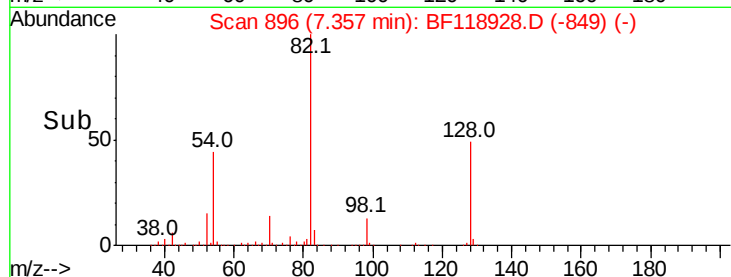
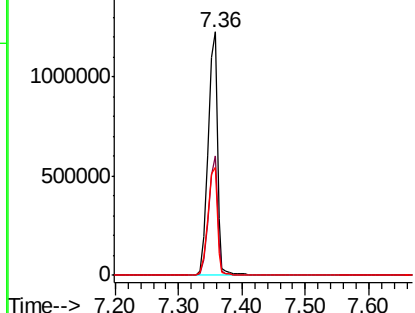
#23
Nitrobenzene-d5
Concen: 94.608 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.02 min
Lab File: BF118928.D
Acq: 13 Feb 2020 19:26

Instrument :
BNA_F
ClientSampleId :
AOC-3-SP-D

Tot Ion: 82 Resp: 1267950
Ion Ratio Lower Upper
82 100
128 48.9 38.5 57.7
54 44.3 36.7 55.1

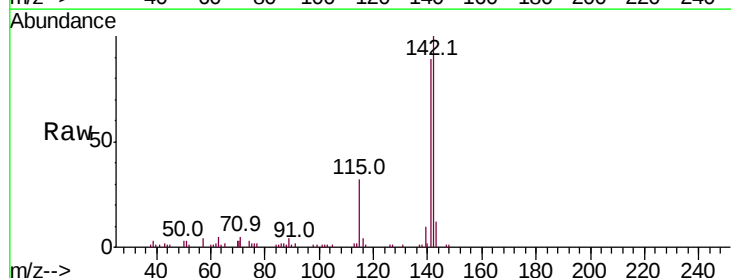


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

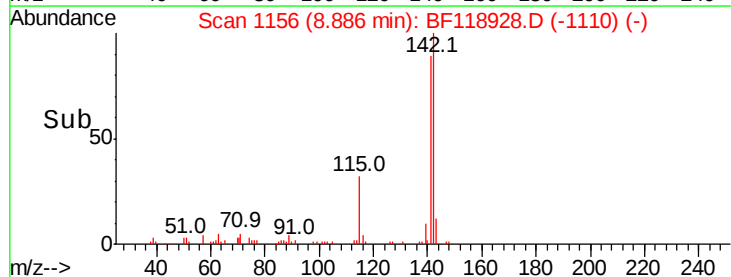
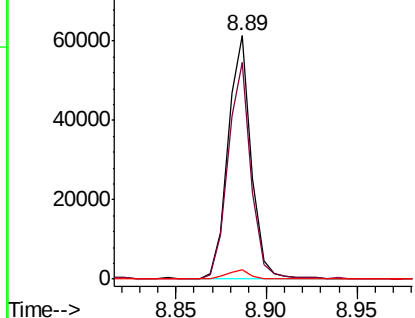


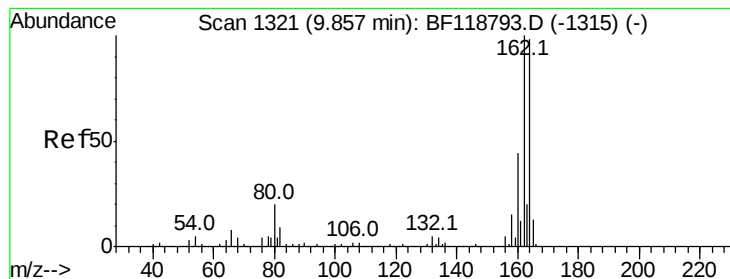
#38
1-Methylnaphthalene
Concen: 2.298 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.03 min
Lab File: BF118928.D
Acq: 13 Feb 2020 19:26

Tgt Ion: 142 Resp: 54772
Ion Ratio Lower Upper
142 100
141 89.1 73.8 110.6
116 3.9 3.0 4.4



Abundance Ion 142.00 (141.70 to 142.70): BF1
Ion 141.00 (140.70 to 141.70): BF1
Ion 116.00 (115.70 to 116.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.03 min

Lab File: BF118928.D

Acq: 13 Feb 2020 19:26

Instrument :

BNA_F

ClientSampleId :

AOC-3-SP-D

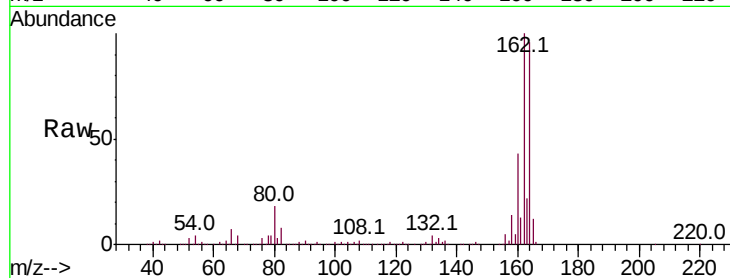
Tot Ion:164 Resp: 435490

Ion Ratio Lower Upper

164 100

162 103.9 81.4 122.2

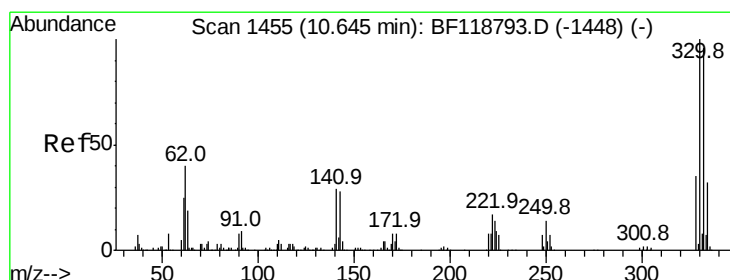
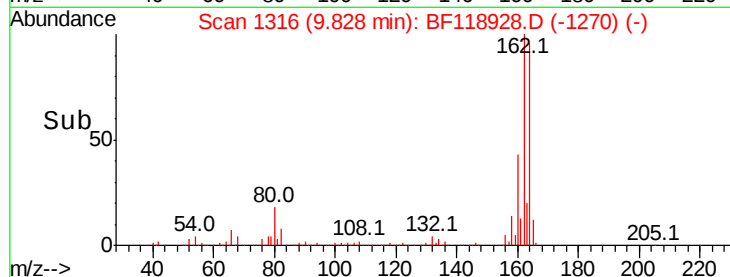
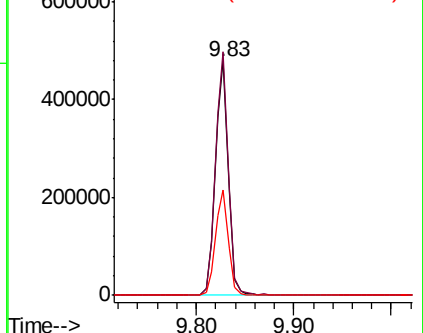
160 45.1 35.6 53.4



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: 128.899 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.03 min

Lab File: BF118928.D

Acq: 13 Feb 2020 19:26

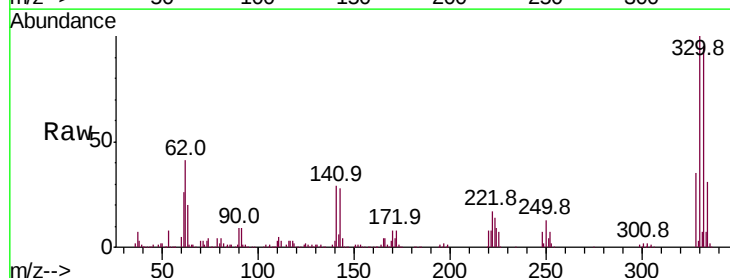
Tgt Ion:330 Resp: 671660

Ion Ratio Lower Upper

330 100

332 96.7 77.3 115.9

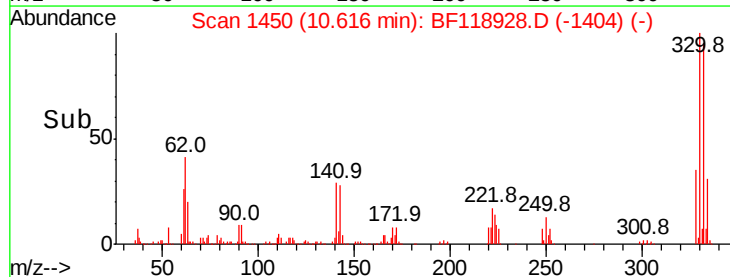
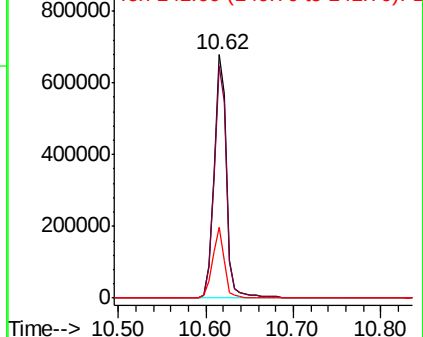
141 27.9 22.4 33.6

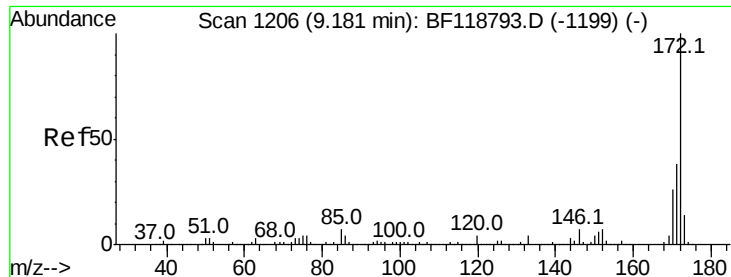


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



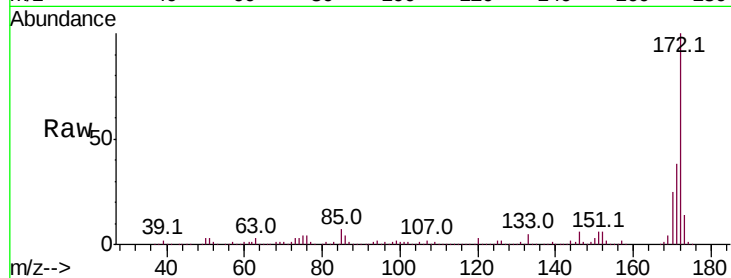


#45
 2-Fluorobiphenyl
 Concen: 96.407 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.03 min
 Lab File: BF118928.D
 Acq: 13 Feb 2020 19:26

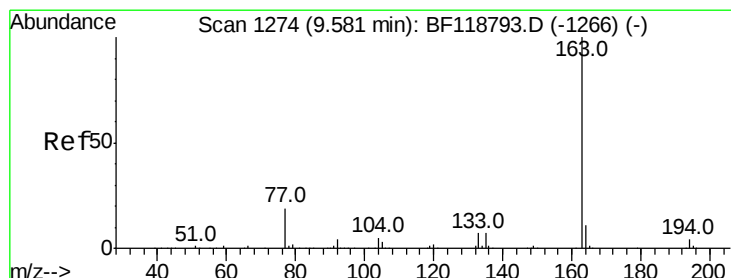
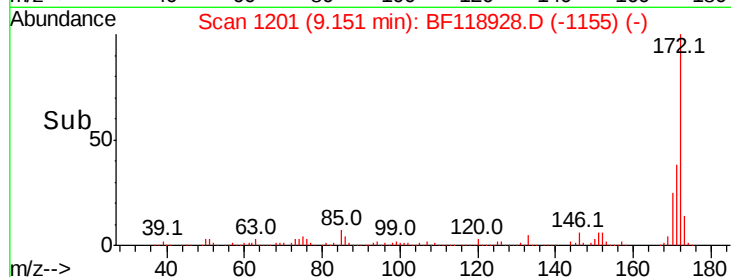
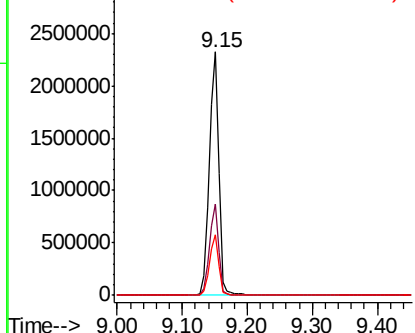
Instrument :
 BNA_F
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 AOC-3-SP-D

Tot Ion:172 Resp: 2348517

Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.8	46.2
170	25.1	20.5	30.7



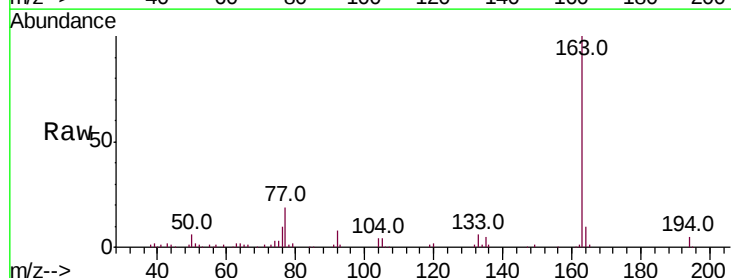
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



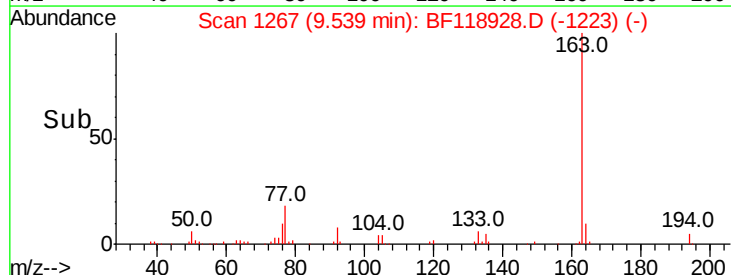
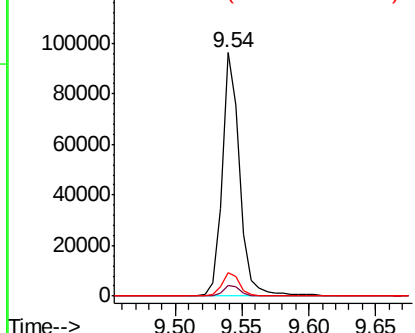
#50
 Dimethylphthalate
 Concen: 3.002 ng
 RT: 9.54 min Scan# 1267
 Delta R.T. -0.04 min
 Lab File: BF118928.D
 Acq: 13 Feb 2020 19:26

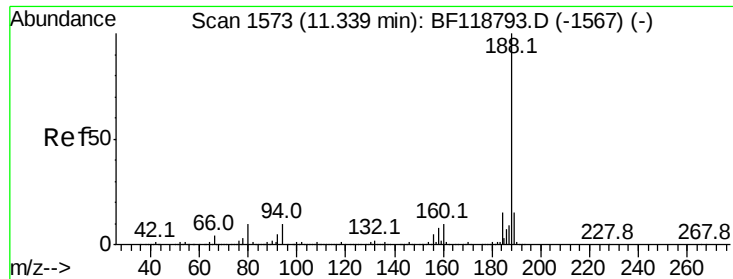
Tgt Ion:163 Resp: 89021

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.6	5.4
164	9.8	8.7	13.1



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

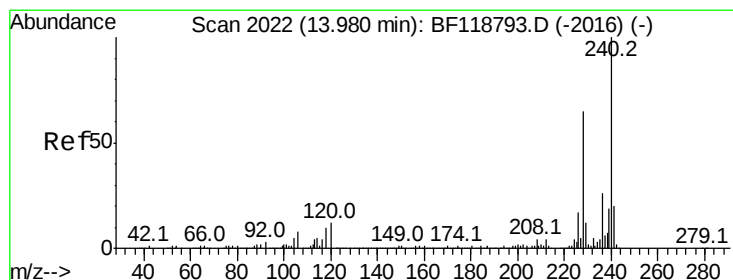
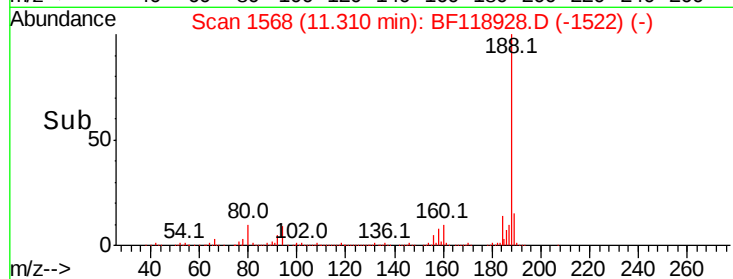
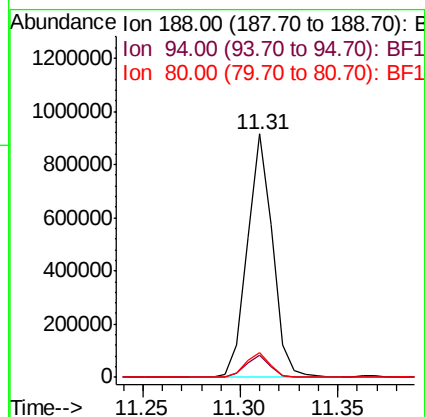
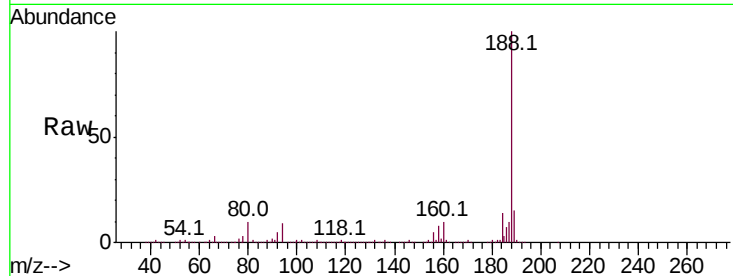




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.03 min
Lab File: BF118928.D
Acq: 13 Feb 2020 19:26

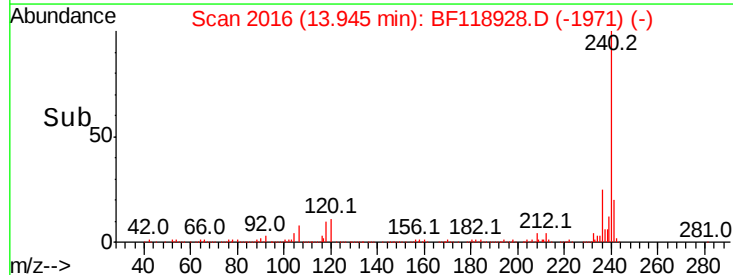
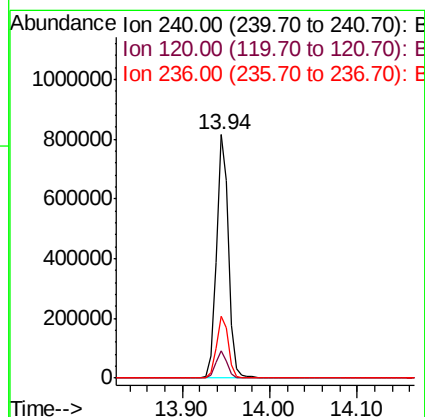
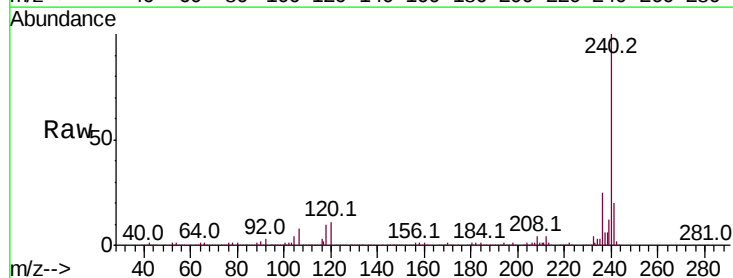
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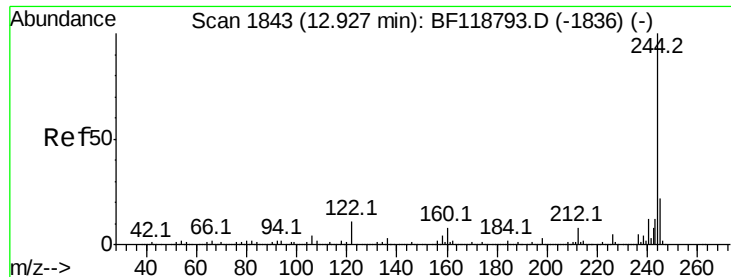
Tot Ion:188 Resp: 818194
Ion Ratio Lower Upper
188 100
94 9.3 7.9 11.9
80 10.0 8.4 12.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.04 min
Lab File: BF118928.D
Acq: 13 Feb 2020 19:26

Tgt Ion:240 Resp: 770441
Ion Ratio Lower Upper
240 100
120 11.1 9.4 14.0
236 25.3 21.0 31.6





#79

Terphenyl-d14

Concen: 80.731 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.03 min

Lab File: BF118928.D

Acq: 13 Feb 2020 19:26

Instrument :

BNA_F

ClientSampleId :

AOC-3-SP-D

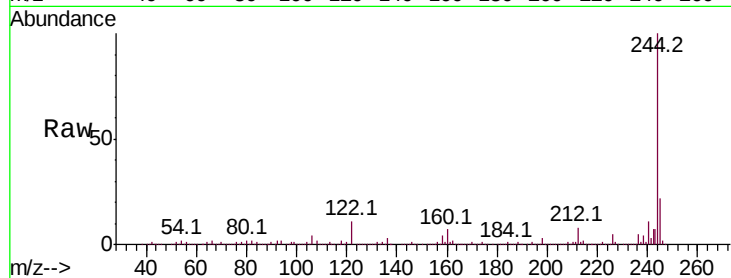
Tot Ion:244 Resp: 3028102

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

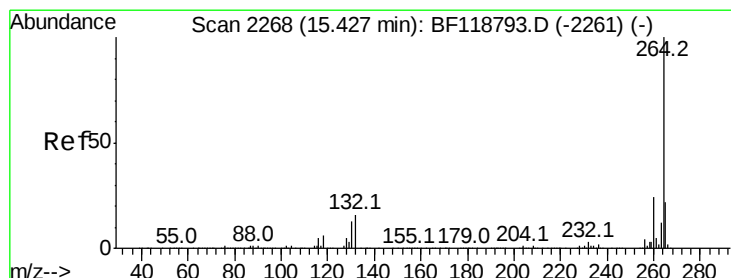
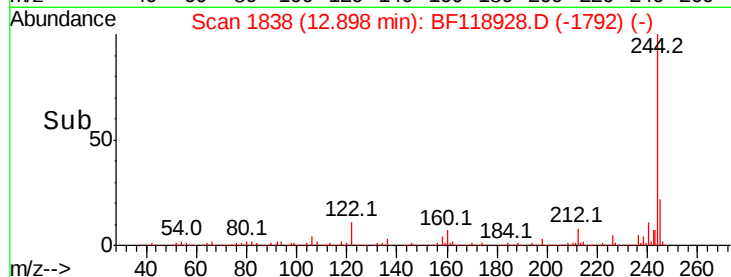
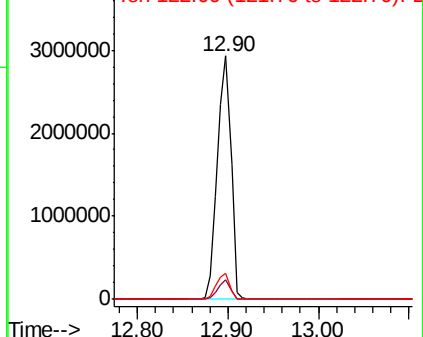
122 10.6 8.9 13.3



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: 15.39 min Scan# 2261

Delta R.T. -0.04 min

Lab File: BF118928.D

Acq: 13 Feb 2020 19:26

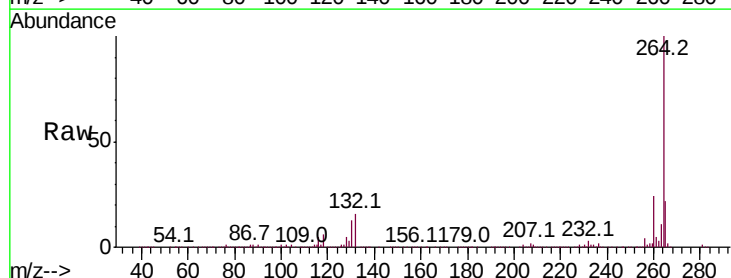
Tgt Ion:264 Resp: 763972

Ion Ratio Lower Upper

264 100

260 23.5 19.1 28.7

265 22.1 17.2 25.8



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

