

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022520\
 Data File : BF119071.D
 Acq On : 25 Feb 2020 18:18
 Operator : CG/JU
 Sample : L1671-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E156-B4-022420-GW

Quant Time: Feb 26 03:10:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 17:40:17 2020
 Response via : Initial Calibration

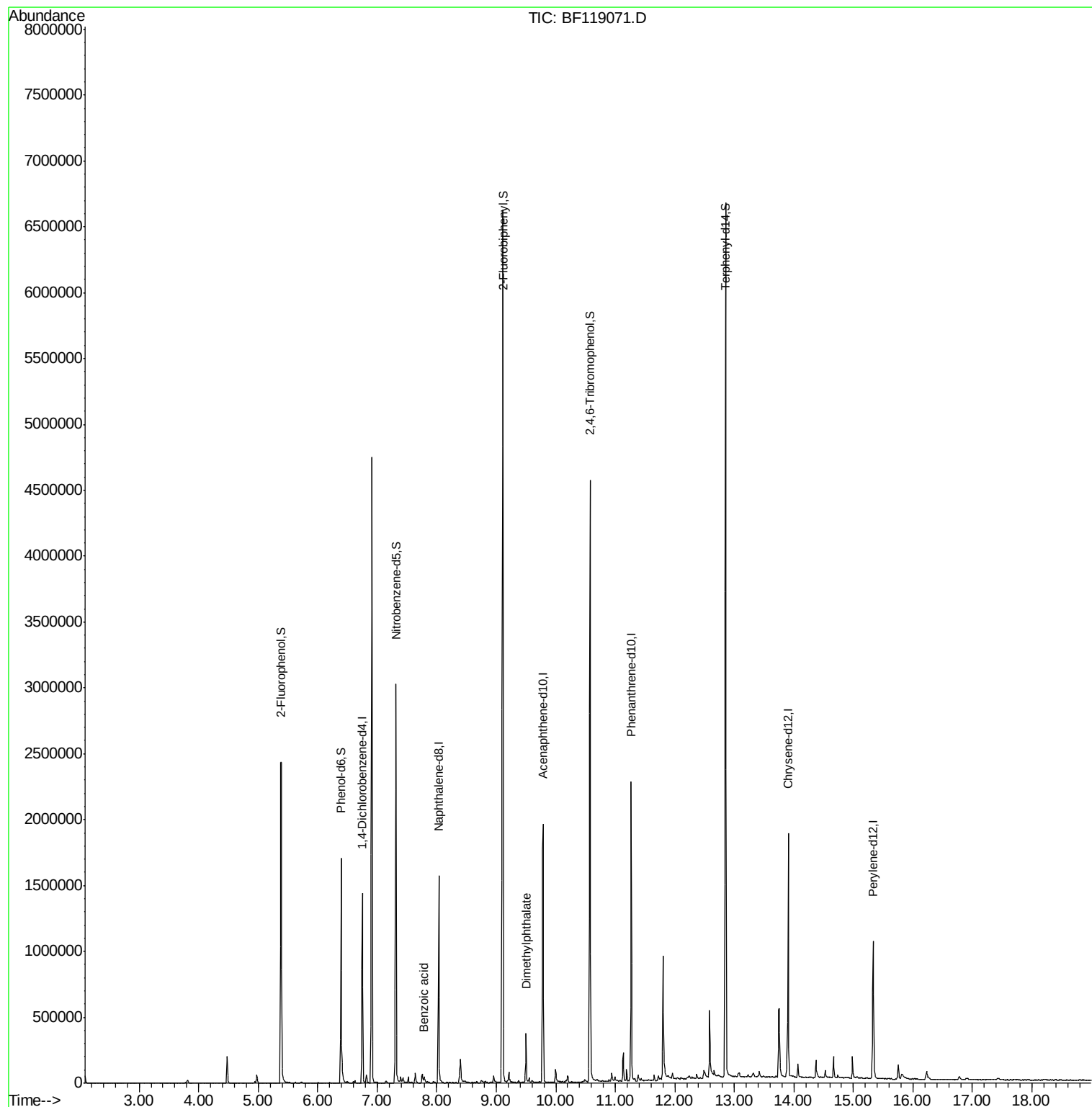
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	216069	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	815363	20.00	ng	-0.01
39) Acenaphthene-d10	9.79	164	456358	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	838327	20.00	ng	0.00
76) Chrysene-d12	13.90	240	641739	20.00	ng	0.00
87) Perylene-d12	15.33	264	512957	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	813539	62.92	ng	0.00
7) Phenol-d6	6.39	99	629869	40.06	ng	-0.01
23) Nitrobenzene-d5	7.32	82	1369579	88.69	ng	-0.01
42) 2,4,6-Tribromophenol	10.58	330	775955	129.98	ng	0.00
45) 2-Fluorobiphenyl	9.11	172	2594725	83.76	ng	-0.01
79) Terphenyl-d14	12.86	244	2715380	72.85	ng	0.00
Target Compounds						
32) Benzoic acid	7.80	122	3051	7.008	ng	94
50) Dimethylphthalate	9.50	163	165593	4.745	ng	98

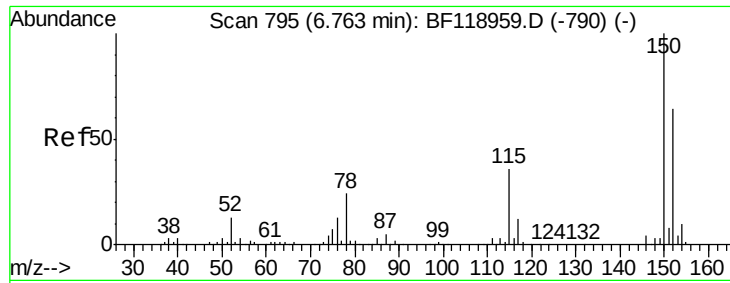
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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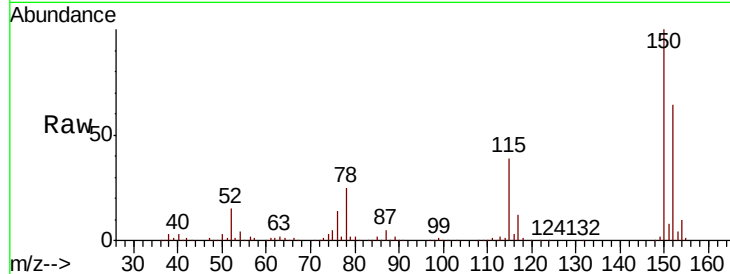


#1

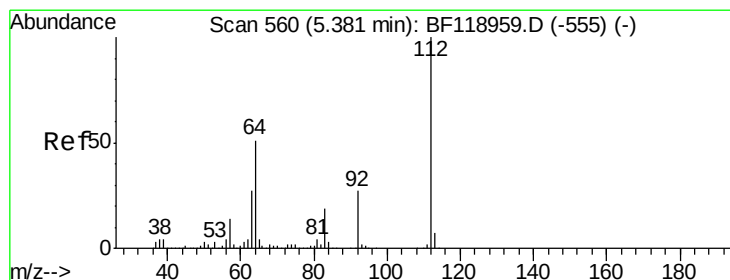
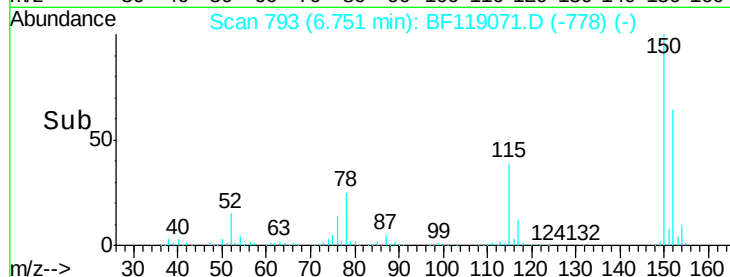
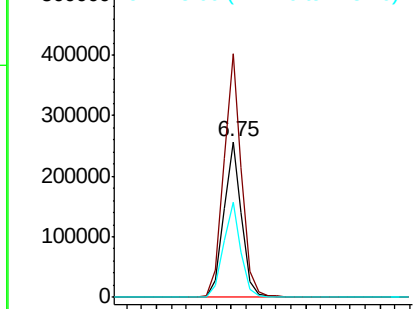
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF119071.D
Acq: 25 Feb 2020 18:18

Instrument :
BNA_F
ClientSampleId :
E156-B4-022420-GW

Tot Ion:152 Resp: 216069
Ion Ratio Lower Upper
152 100
150 156.2 124.3 186.5
115 60.8 44.6 67.0



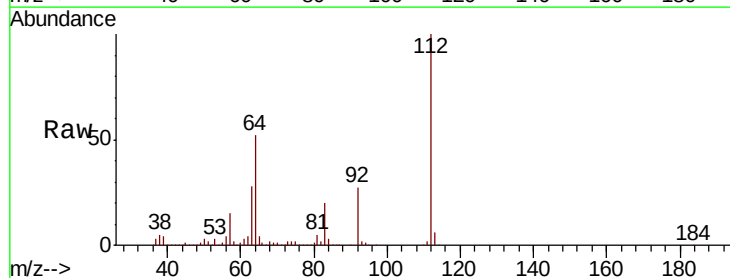
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



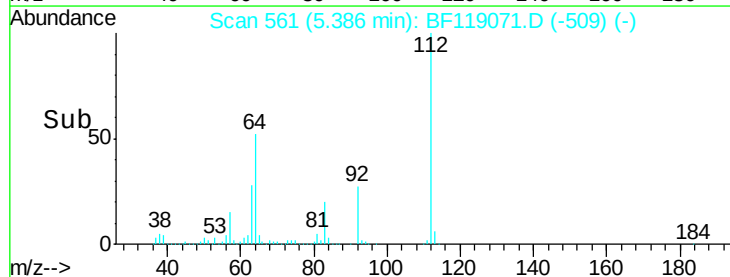
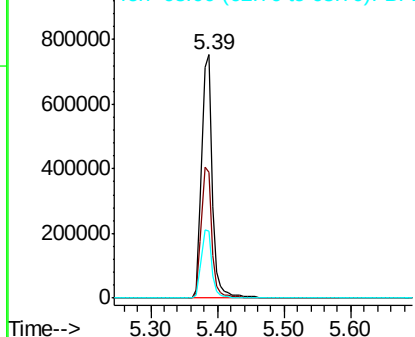
#5

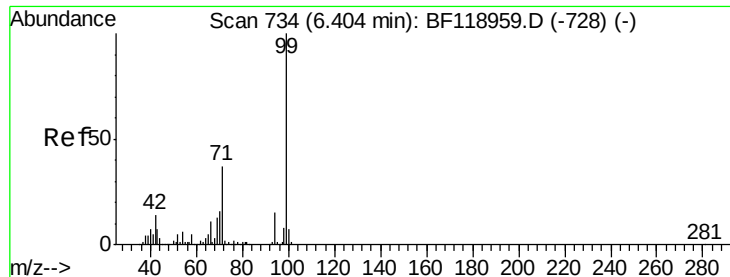
2-Fluorophenol
Concen: 62.923 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF119071.D
Acq: 25 Feb 2020 18:18

Tgt Ion:112 Resp: 813539
Ion Ratio Lower Upper
112 100
64 51.8 40.4 60.6
63 27.7 21.3 31.9



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: 40.057 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119071.D

Acq: 25 Feb 2020 18:18

Instrument :

BNA_F

ClientSampleId :

E156-B4-022420-GW

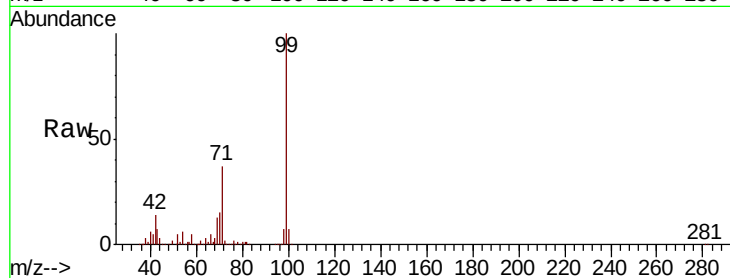
Tot Ion: 99 Resp: 629869

Ion Ratio Lower Upper

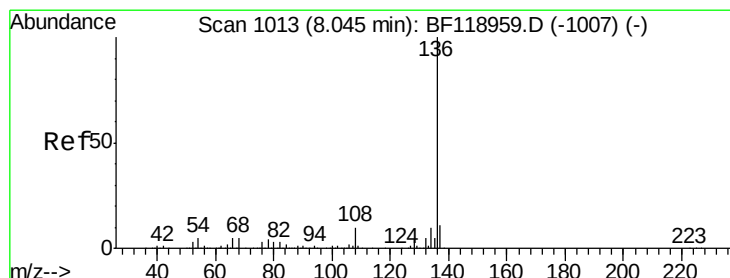
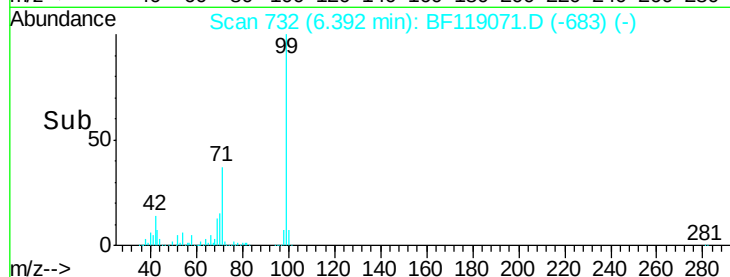
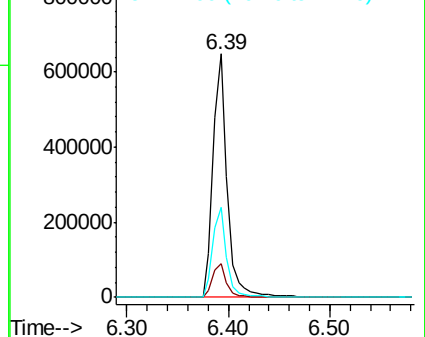
99 100

42 14.0 11.4 17.0

71 37.2 29.8 44.6



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: 8.03 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF119071.D

Acq: 25 Feb 2020 18:18

Tgt Ion: 136 Resp: 815363

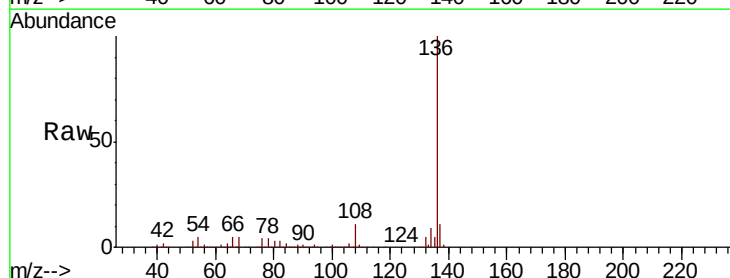
Ion Ratio Lower Upper

136 100

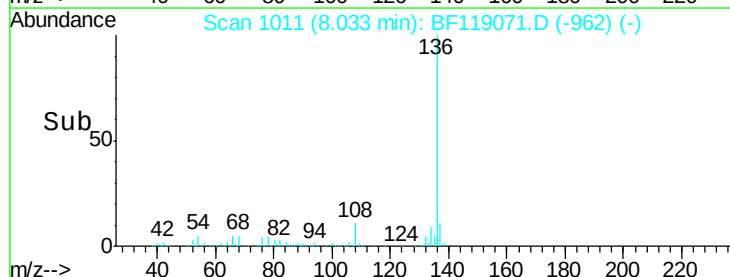
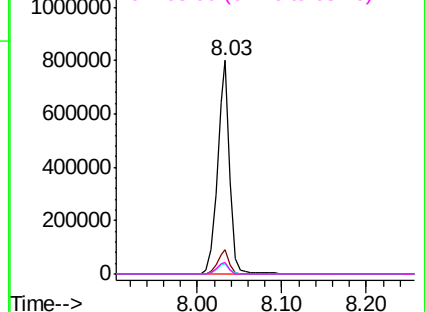
137 11.2 8.9 13.3

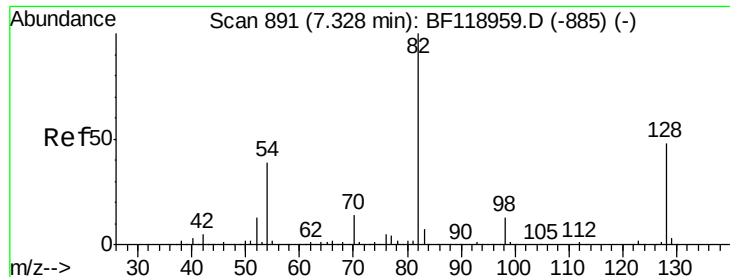
54 4.9 3.8 5.6

68 5.1 4.2 6.2



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

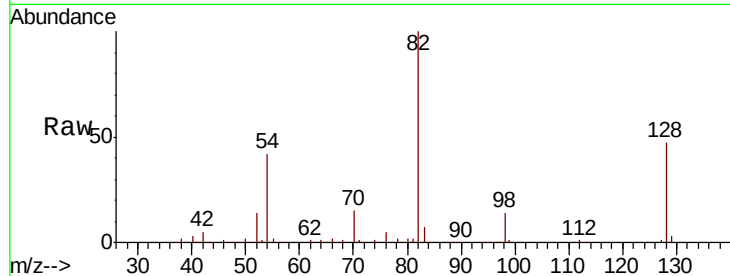




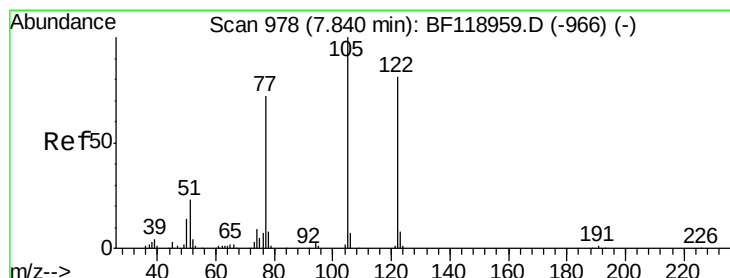
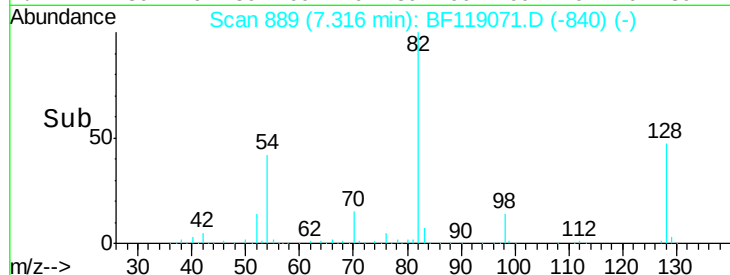
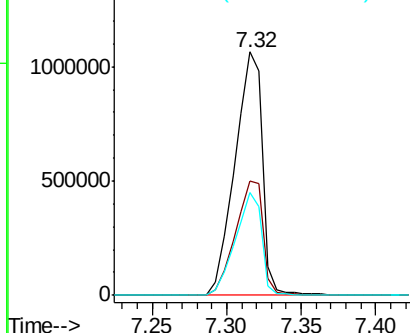
#23
 Nitrobenzene-d5
 Concen: 88.689 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF119071.D
 Acq: 25 Feb 2020 18:18

Instrument :
 BNA_F
 ClientSampleId :
 E156-B4-022420-GW

Tot Ion: 82 Resp: 1369579
 Ion Ratio Lower Upper
 82 100
 128 46.7 38.2 57.2
 54 42.0 31.3 46.9

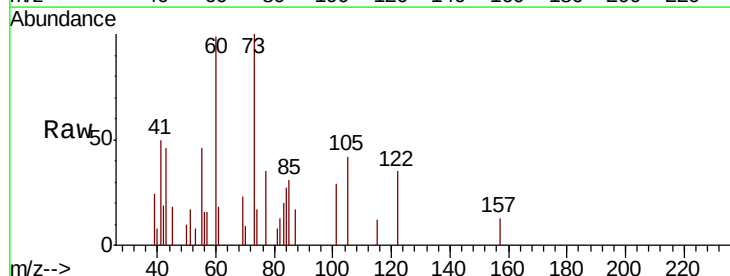


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

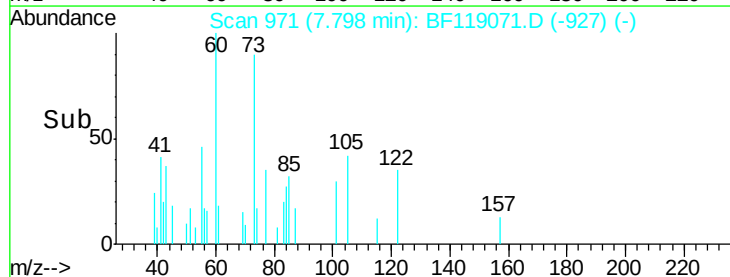
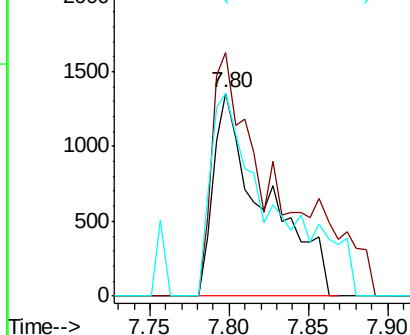


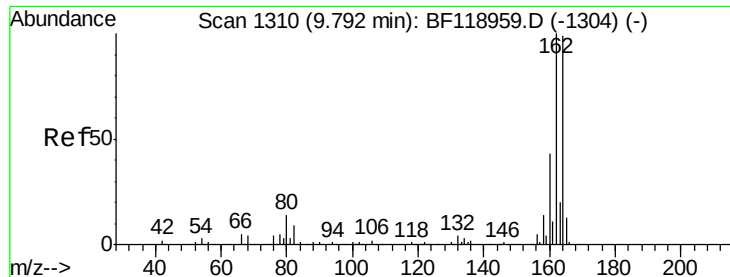
#32
 Benzoic acid
 Concen: 7.008 ng
 RT: 7.80 min Scan# 971
 Delta R.T. -0.04 min
 Lab File: BF119071.D
 Acq: 25 Feb 2020 18:18

Tgt Ion:122 Resp: 3051
 Ion Ratio Lower Upper
 122 100
 105 119.8 102.2 142.2
 77 99.6 68.6 108.6



Abundance Ion 122.00 (121.70 to 122.70): BF1
 Ion 105.00 (104.70 to 105.70): BF1
 Ion 77.00 (76.70 to 77.70): BF1

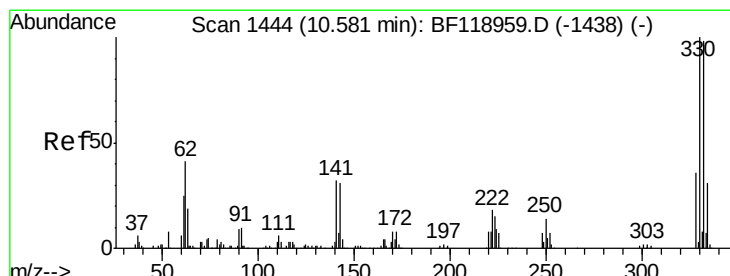
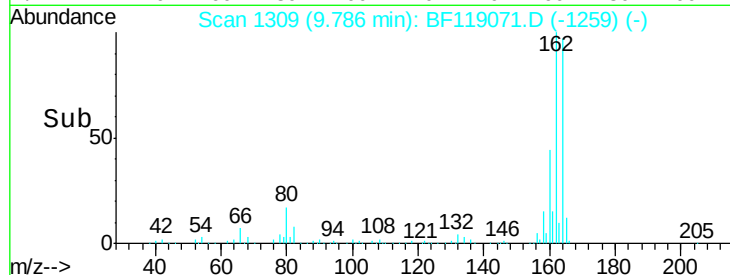
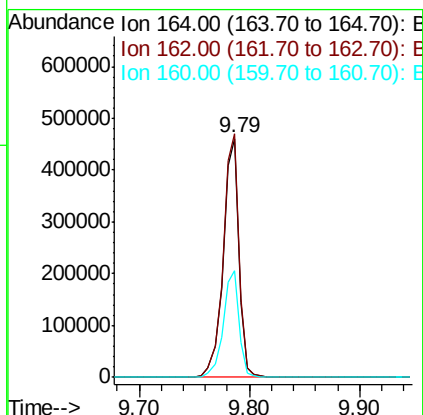
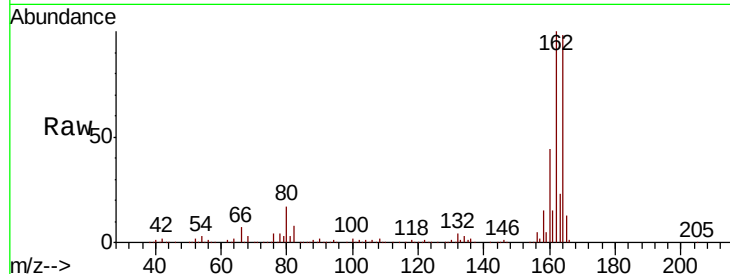




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF119071.D
 Acq: 25 Feb 2020 18:18

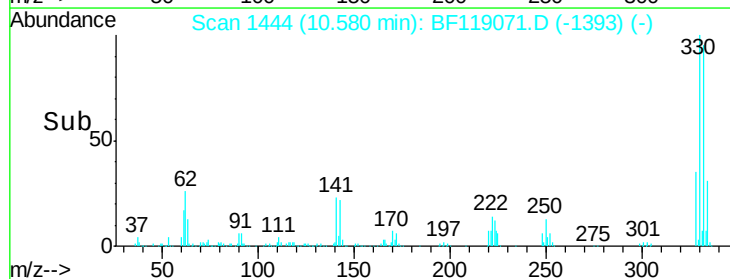
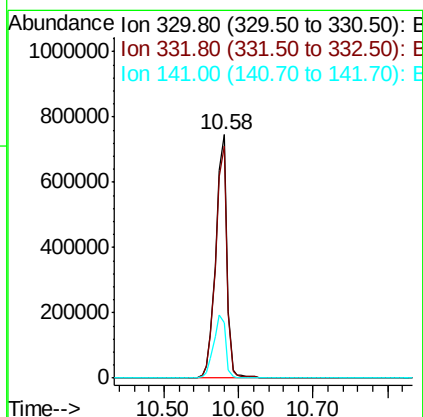
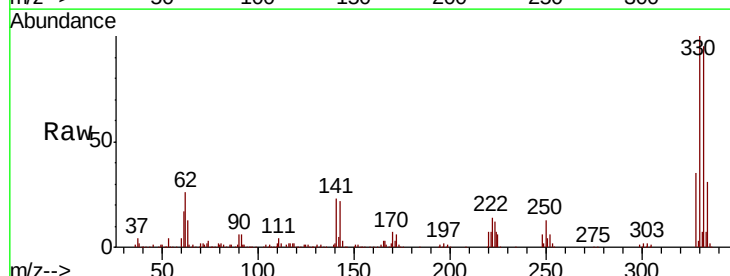
Instrument :
 BNA_F
 ClientSampleId :
 E156-B4-022420-GW

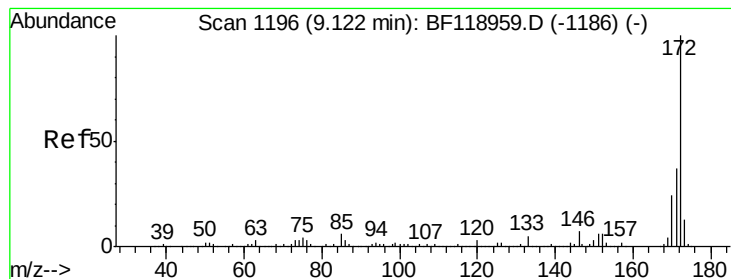
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.2	121.8
160	44.9	35.2	52.8



#42
 2,4,6-Tribromophenol
 Concen: 129.977 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BF119071.D
 Acq: 25 Feb 2020 18:18

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.1	115.7
141	28.4	23.0	34.6





#45

2-Fluorobiphenyl

Concen: 83.760 ng

RT: 9.11 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BF119071.D

Acq: 25 Feb 2020 18:18

Instrument :

BNA_F

ClientSampleId :

E156-B4-022420-GW

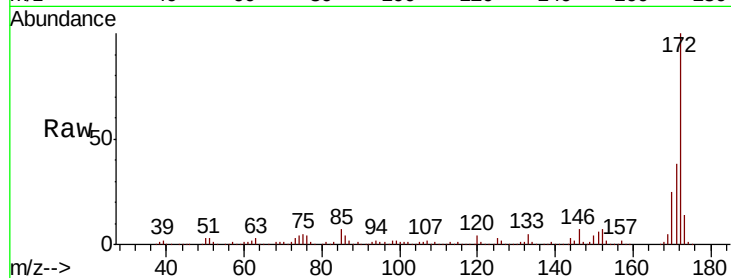
Tot Ion:172 Resp: 2594725

Ion Ratio Lower Upper

172 100

171 37.9 29.4 44.2

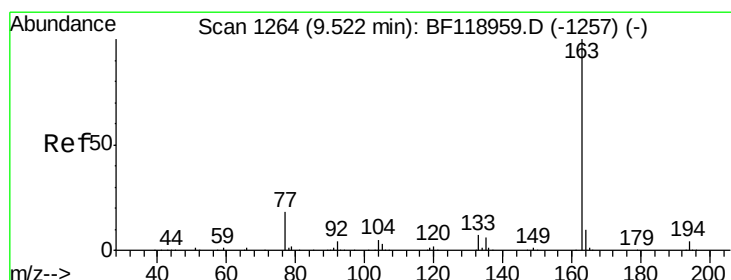
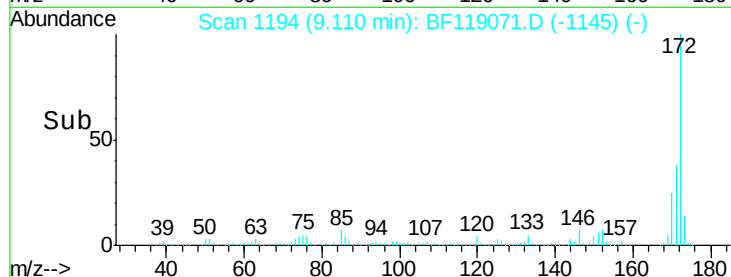
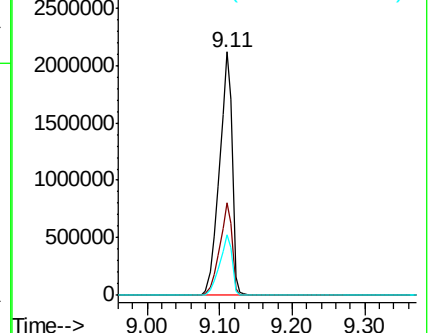
170 24.8 19.6 29.4



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: 4.745 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.02 min

Lab File: BF119071.D

Acq: 25 Feb 2020 18:18

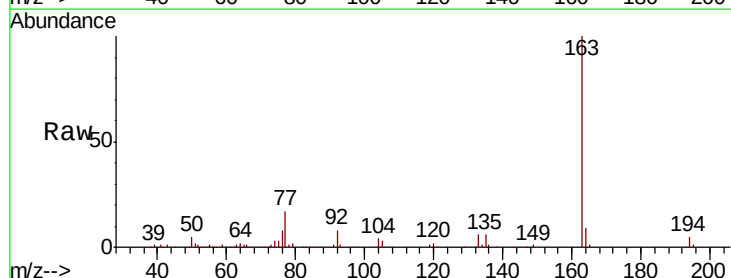
Tgt Ion:163 Resp: 165593

Ion Ratio Lower Upper

163 100

194 4.8 3.4 5.2

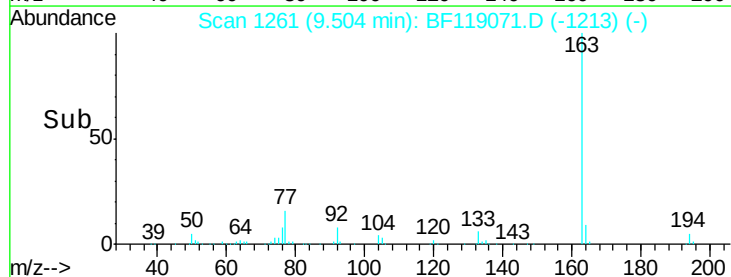
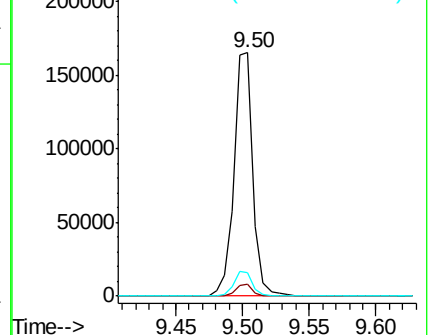
164 9.4 8.2 12.2

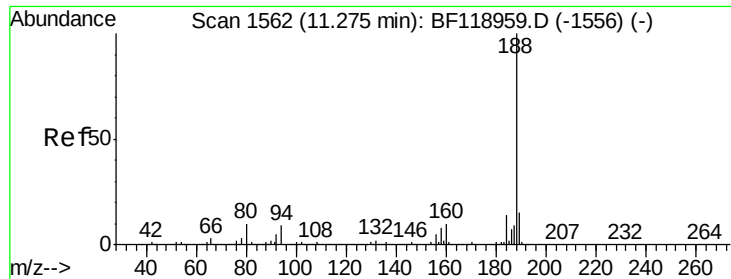


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

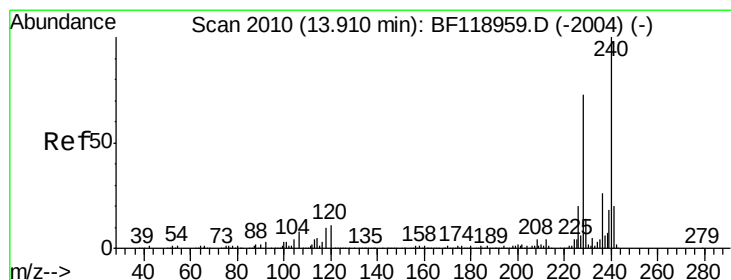
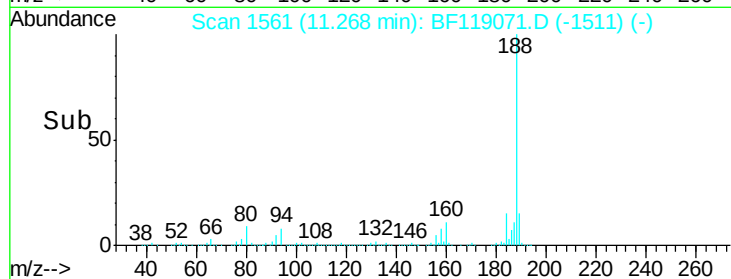
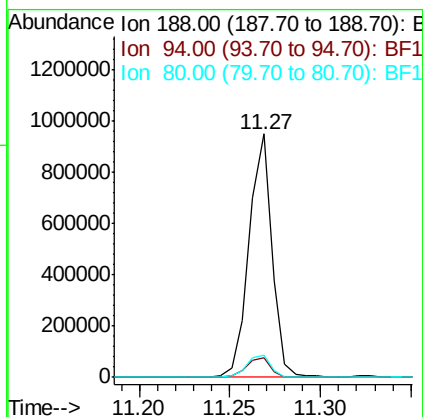
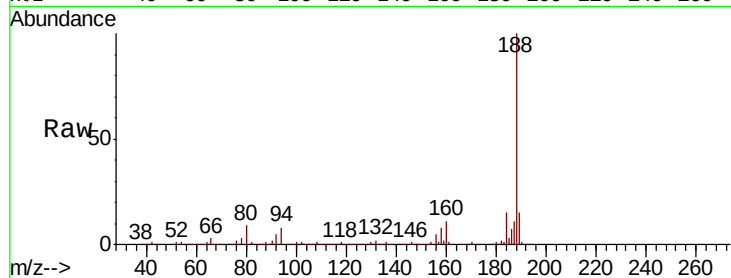




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF119071.D
Acq: 25 Feb 2020 18:18

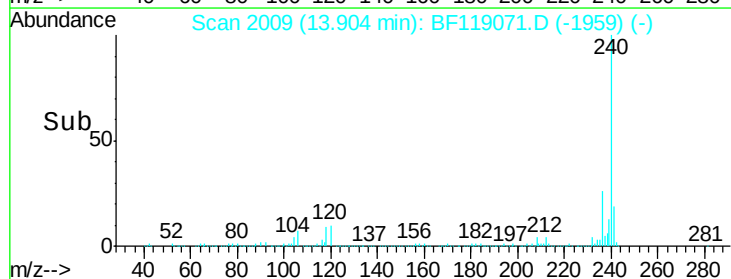
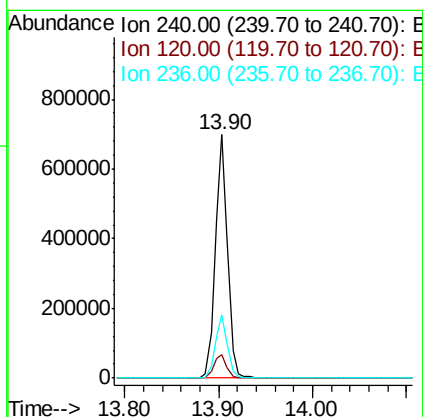
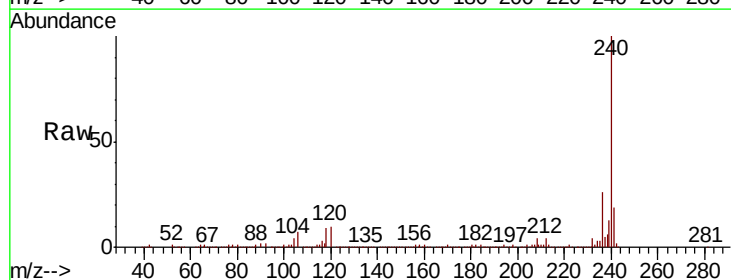
Instrument :
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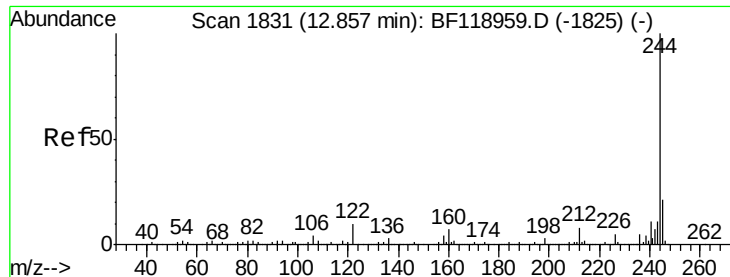
Tot Ion:188 Resp: 838327
Ion Ratio Lower Upper
188 100
94 8.2 7.0 10.6
80 8.9 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF119071.D
Acq: 25 Feb 2020 18:18

Tgt Ion:240 Resp: 641739
Ion Ratio Lower Upper
240 100
120 9.8 8.9 13.3
236 26.0 20.6 30.8





#79

Terphenyl-d14

Concen: 72.849 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF119071.D

Acq: 25 Feb 2020 18:18

Instrument :

BNA_F

ClientSampleId :

E156-B4-022420-GW

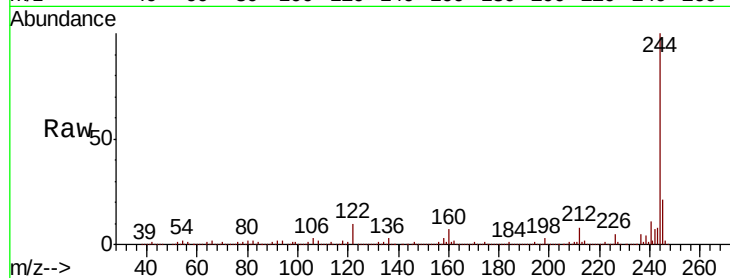
Tot Ion:244 Resp: 2715380

Ion Ratio Lower Upper

244 100

212 7.9 6.3 9.5

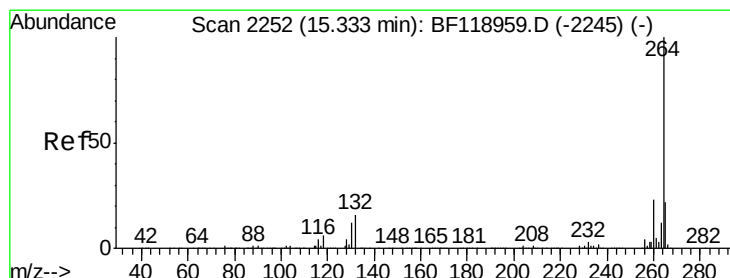
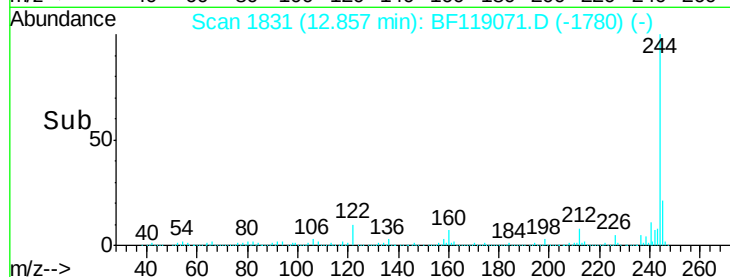
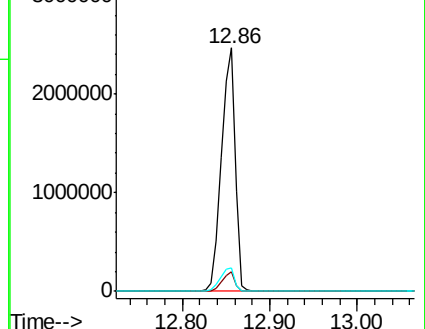
122 9.7 8.4 12.6



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: 15.33 min Scan# 2251

Delta R.T. -0.01 min

Lab File: BF119071.D

Acq: 25 Feb 2020 18:18

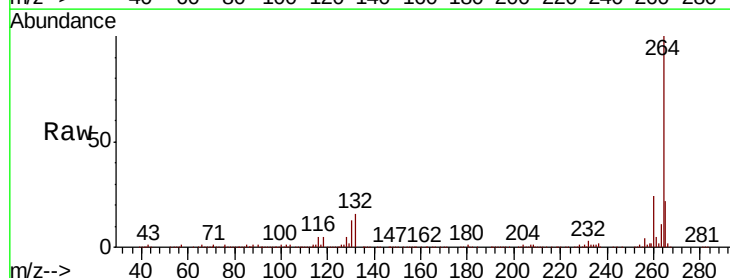
Tgt Ion:264 Resp: 512957

Ion Ratio Lower Upper

264 100

260 24.3 18.6 28.0

265 21.9 17.3 25.9



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

