

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
 Data File : BF113119.D
 Acq On : 19 Mar 2019 5:02
 Operator : JU/SJ
 Sample : K1947-08
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PST-025-B128-031319

Quant Time: Mar 19 07:17:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

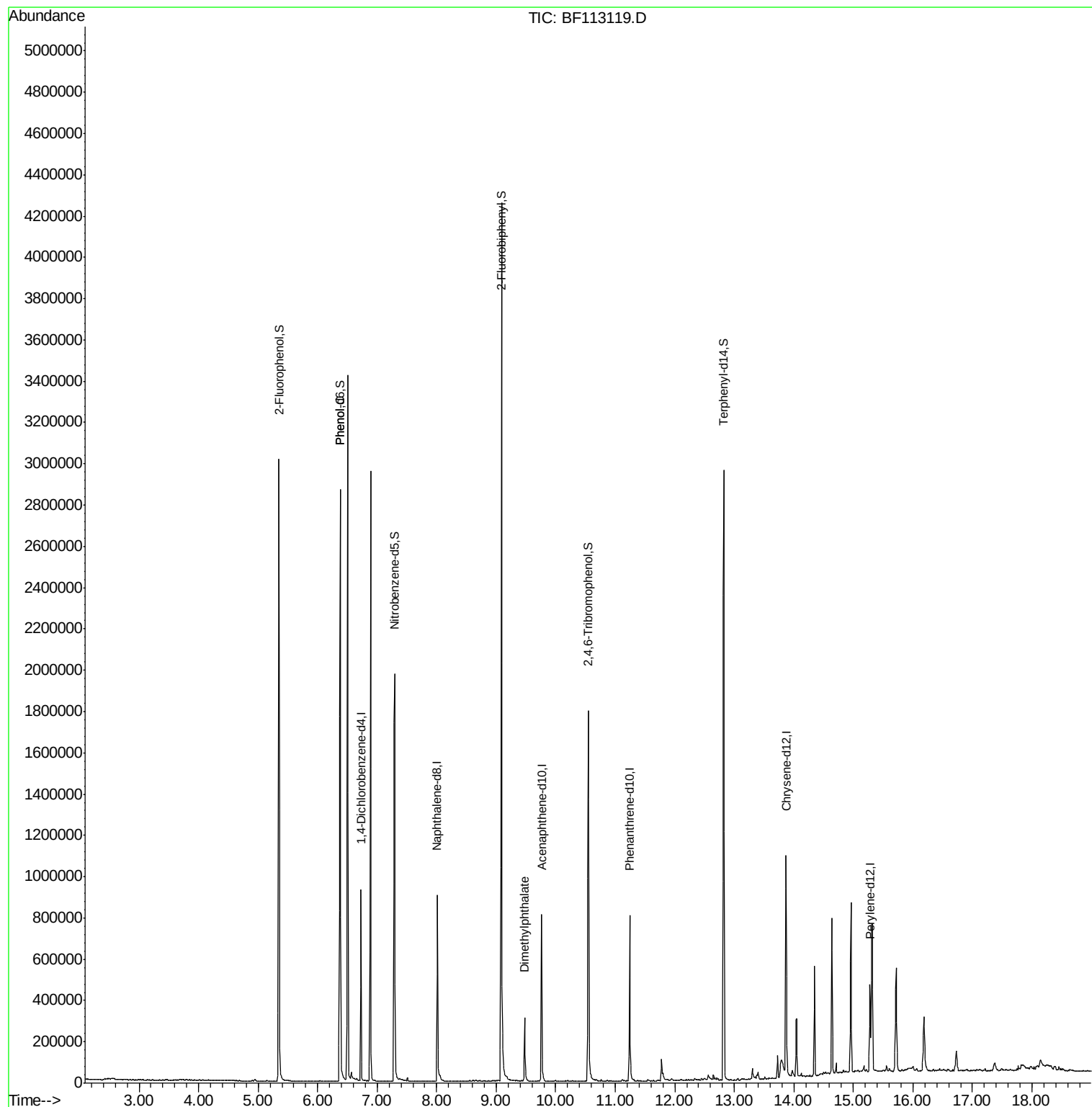
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	129919	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	461638	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	198783	20.00	ng	-0.01
64) Phenanthrene-d10	11.24	188	352472	20.00	ng	0.00
76) Chrysene-d12	13.87	240	412277	20.00	ng	0.00
87) Perylene-d12	15.28	264	219924	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	878042	105.13	ng	0.00
7) Phenol-d6	6.38	99	1146641	109.29	ng	0.00
23) Nitrobenzene-d5	7.29	82	717700	93.03	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	275897	130.74	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1493722	161.63	ng	0.00
79) Terphenyl-d14	12.82	244	1066811	50.16	ng	0.00
Target Compounds						
10) Phenol	6.39	94	53337	4.357	ng	93
50) Dimethylphthalate	9.48	163	165180	11.269	ng	98

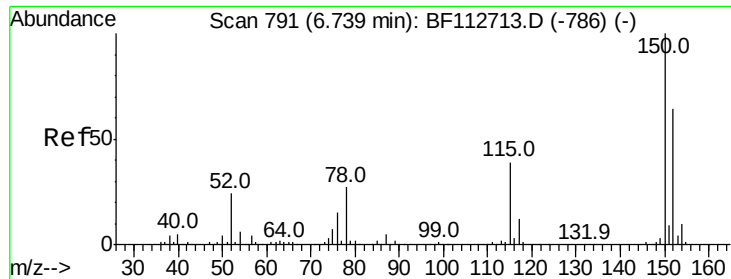
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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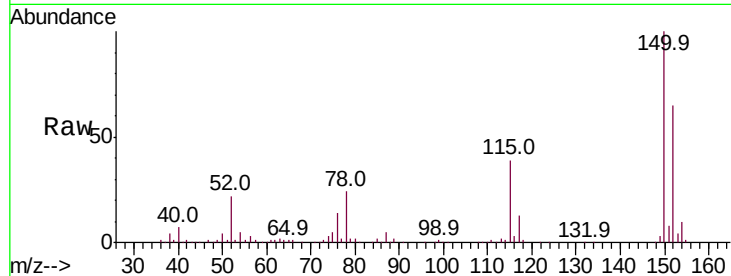


#1

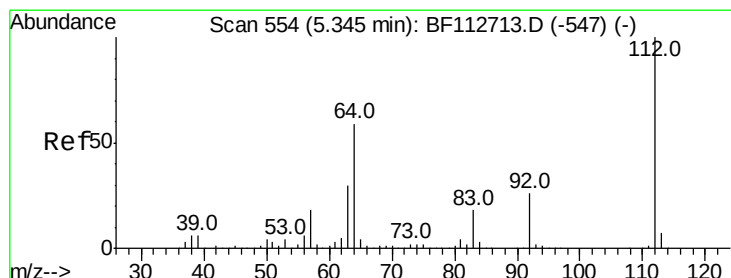
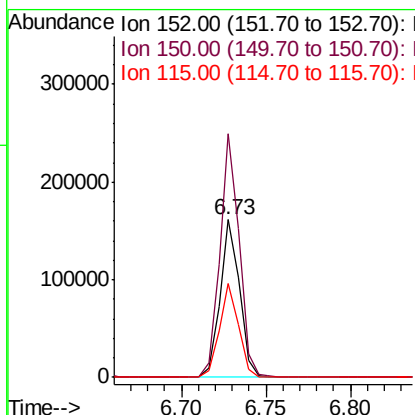
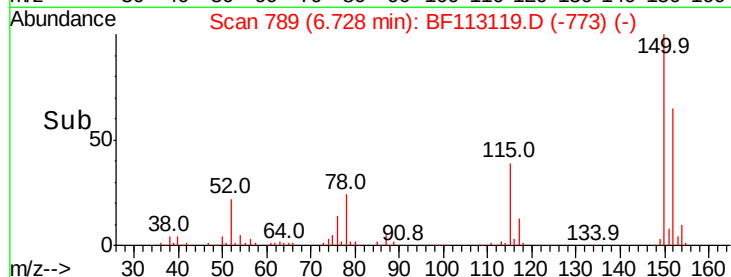
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF113119.D
Acq: 19 Mar 2019 5:02

Instrument :
BNA_F
ClientSampleId :
PST-025-B128-031319

Tot Ion:152 Resp: 129919
Ion Ratio Lower Upper
152 100
150 154.8 124.2 186.2
115 59.7 48.2 72.4



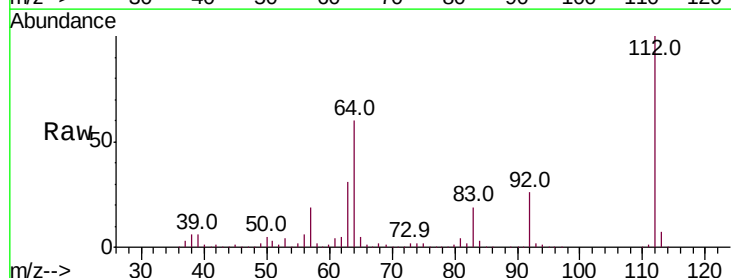
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



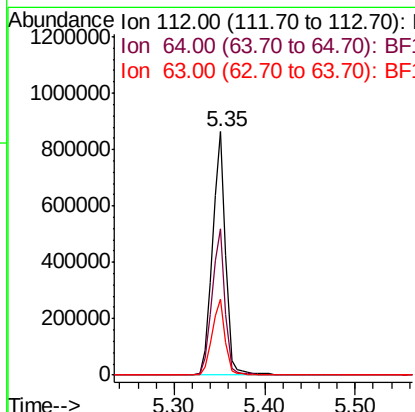
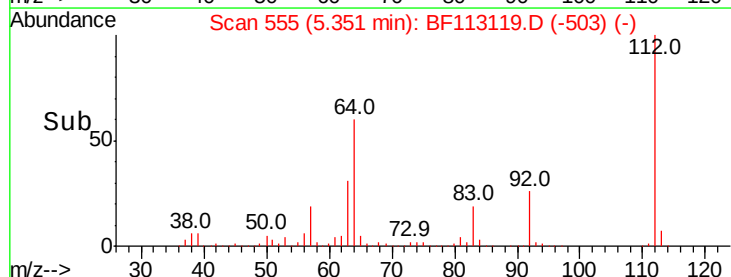
#5

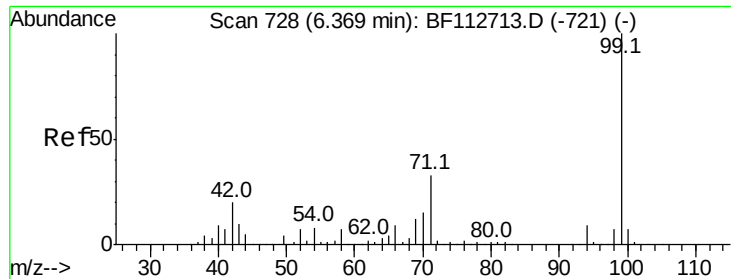
2-Fluorophenol
Concen: 105.130 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF113119.D
Acq: 19 Mar 2019 5:02

Tgt Ion:112 Resp: 878042
Ion Ratio Lower Upper
112 100
64 60.0 47.6 71.4
63 31.4 24.4 36.6



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: 109.293 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF113119.D

Acq: 19 Mar 2019 5:02

Instrument :

BNA_F

ClientSampleId :

PST-025-B128-031319

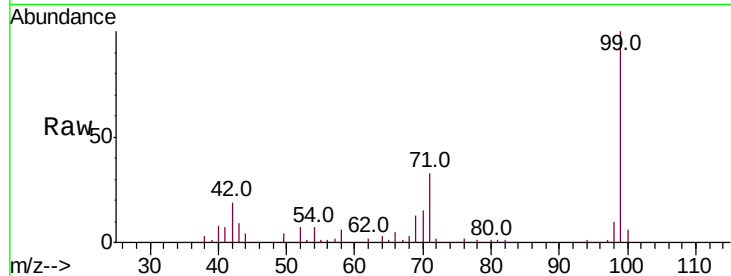
Tot Ion: 99 Resp: 1146641

Ion Ratio Lower Upper

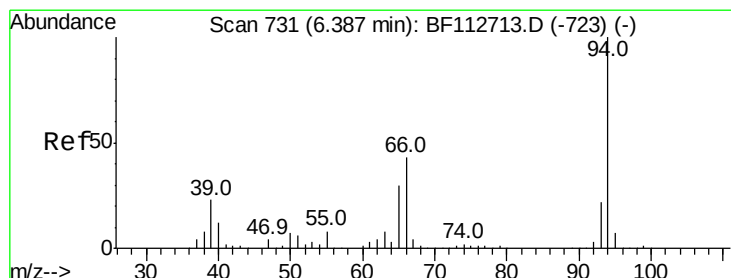
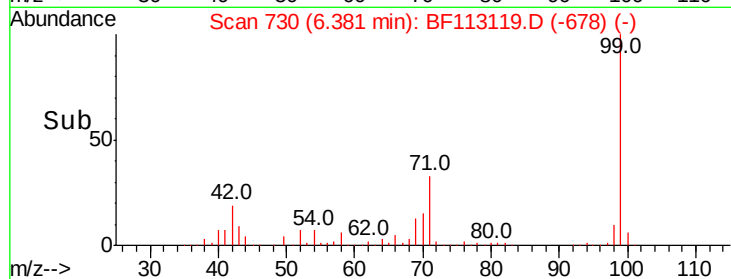
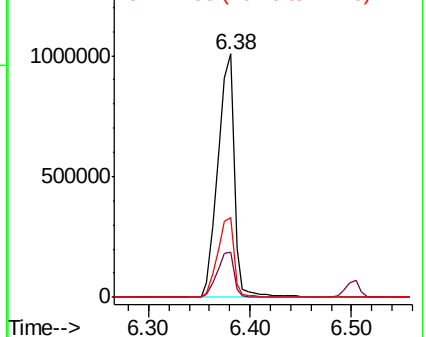
99 100

42 18.6 16.3 24.5

71 33.0 26.2 39.4



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: 4.357 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF113119.D

Acq: 19 Mar 2019 5:02

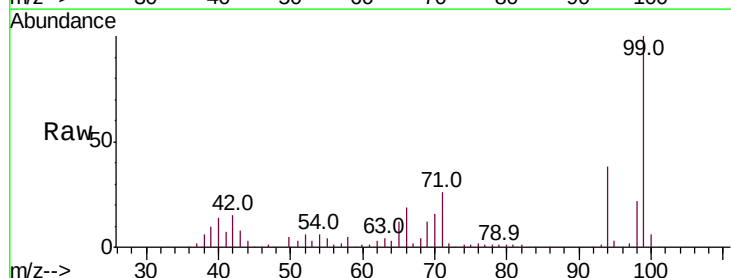
Tgt Ion: 94 Resp: 53337

Ion Ratio Lower Upper

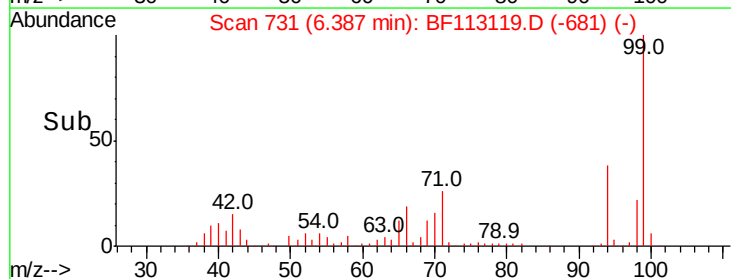
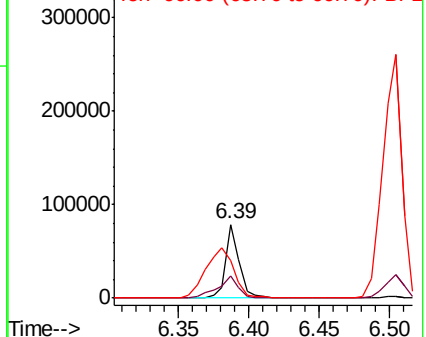
94 100

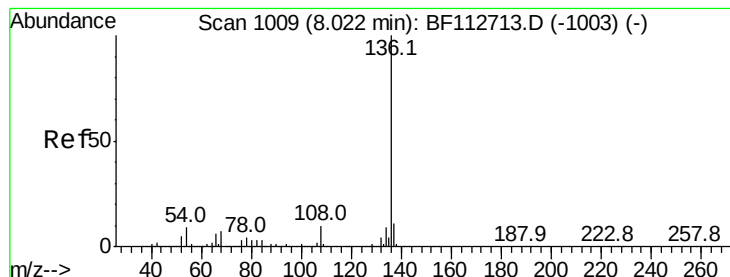
65 30.8 10.5 50.5

66 50.3 22.6 62.6



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: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF113119.D

Acq: 19 Mar 2019 5:02

Instrument :

BNA_F

ClientSampleId :

PST-025-B128-031319

Tot Ion:136 Resp: 461638

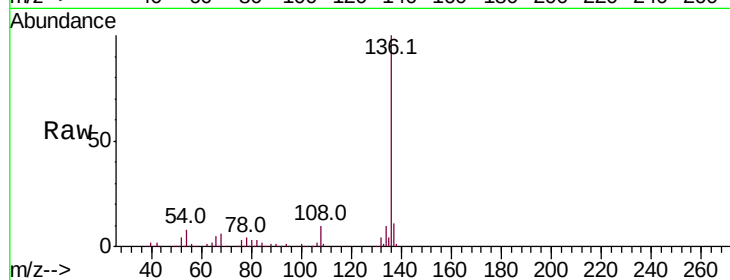
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.9 7.3 10.9

68 5.7 5.4 8.2

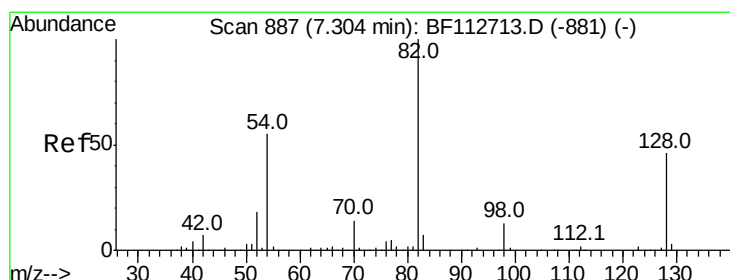
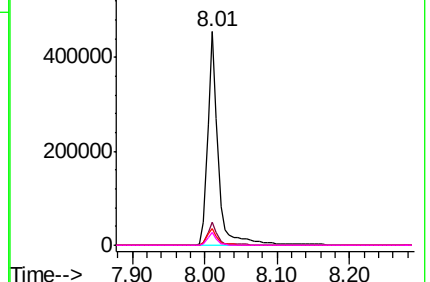
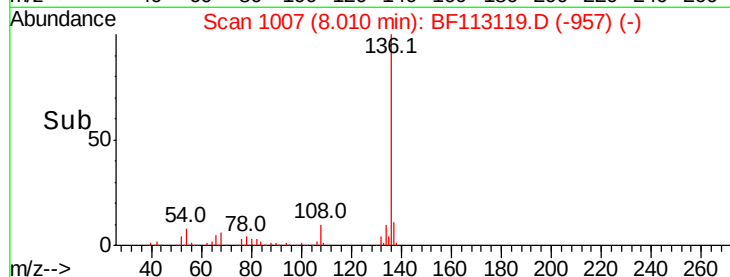


Abundance Ion 136.00 (135.70 to 136.70): E

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: 93.029 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF113119.D

Acq: 19 Mar 2019 5:02

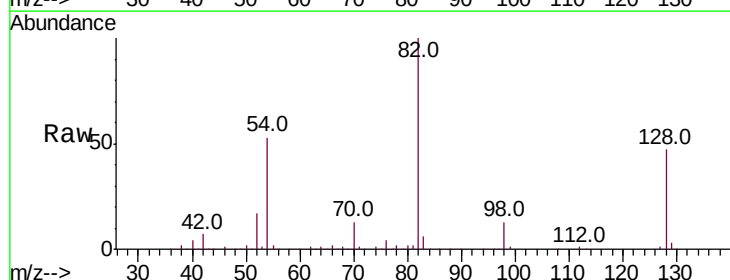
Tgt Ion: 82 Resp: 717700

Ion Ratio Lower Upper

82 100

128 46.8 36.3 54.5

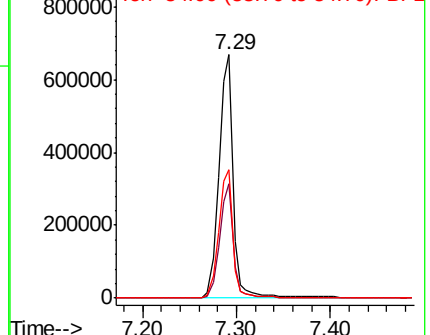
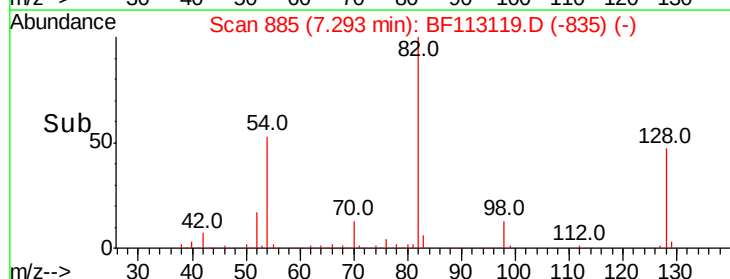
54 52.7 43.7 65.5

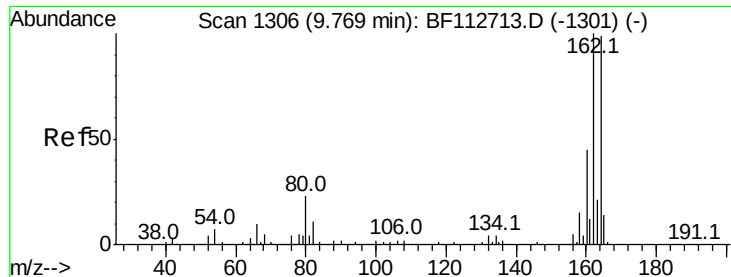


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

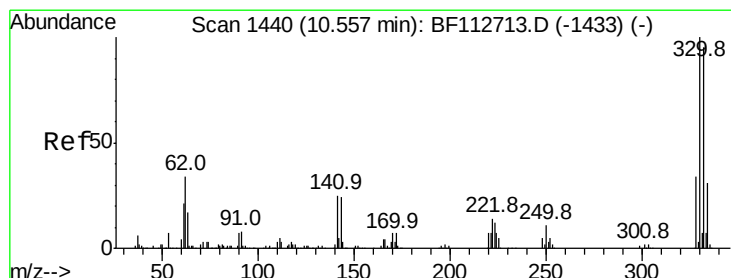
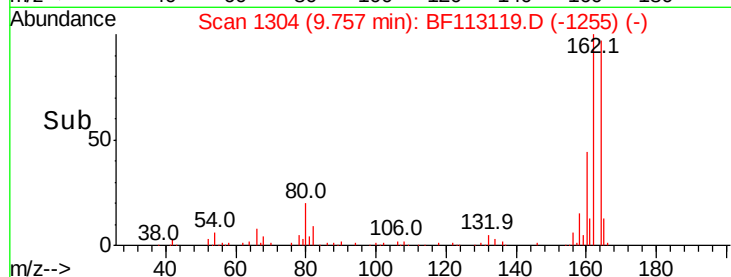
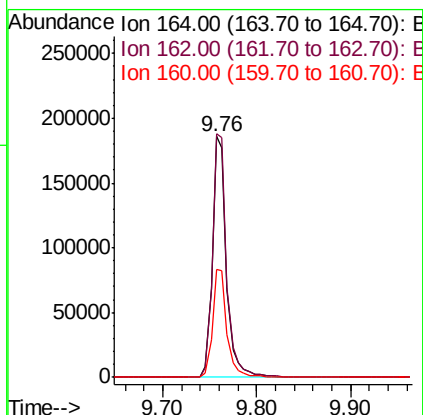
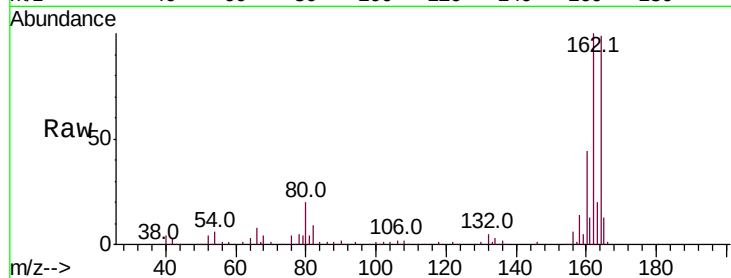




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF113119.D
Acq: 19 Mar 2019 5:02

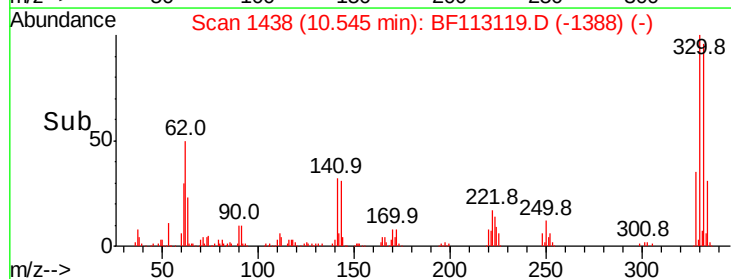
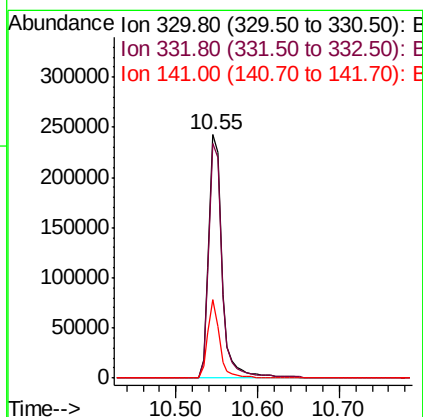
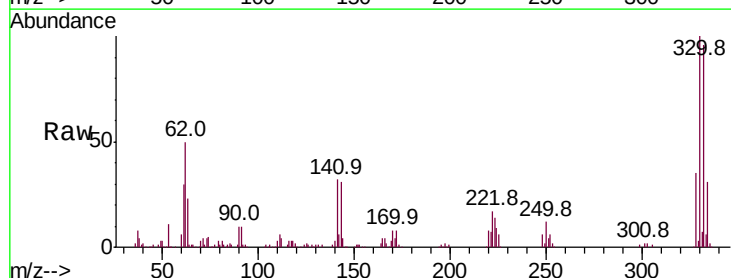
Instrument :
BNA_F
ClientSampleId :
PST-025-B128-031319

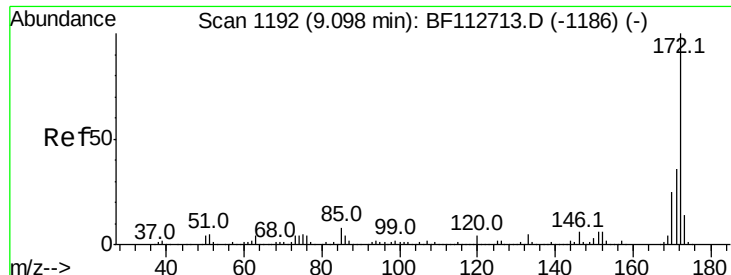
Tot Ion:164 Resp: 198783
Ion Ratio Lower Upper
164 100
162 101.0 80.6 120.8
160 44.7 36.0 54.0



#42
2,4,6-Tribromophenol
Concen: 130.736 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF113119.D
Acq: 19 Mar 2019 5:02

Tgt Ion:330 Resp: 275897
Ion Ratio Lower Upper
330 100
332 96.5 76.2 114.4
141 29.1 27.0 40.6



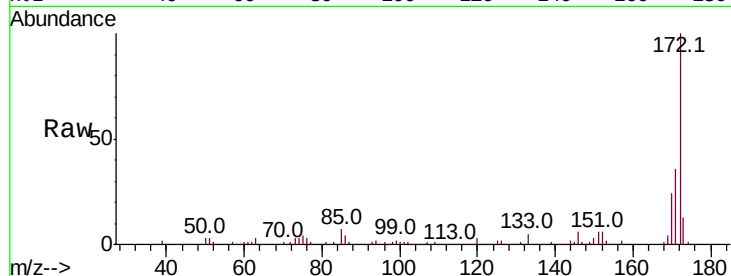


#45
2-Fluorobiphenyl
Concen: 161.627 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF113119.D
Acq: 19 Mar 2019 5:02

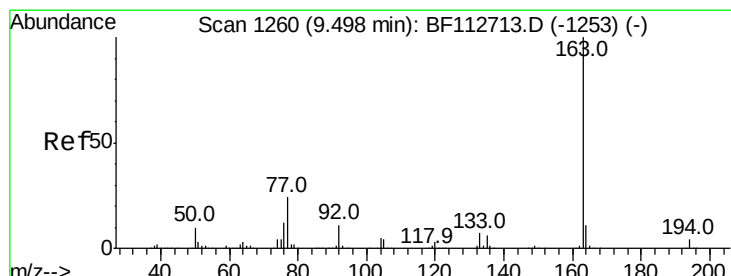
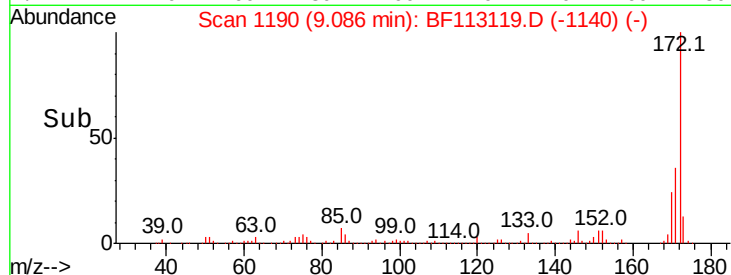
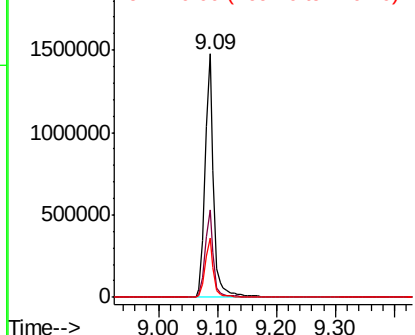
Instrument :
BNA_F
ClientSampleId :
PST-025-B128-031319

Tot Ion:172 Resp: 1493722

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.4
170	24.3	20.0	30.0



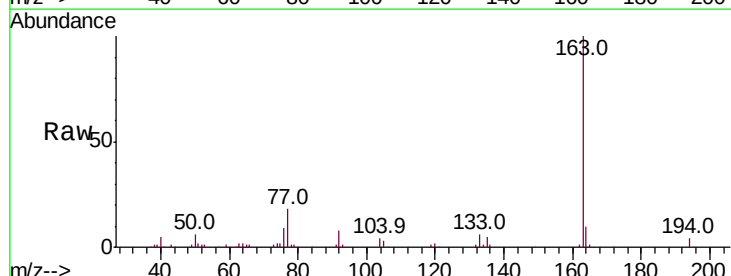
Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



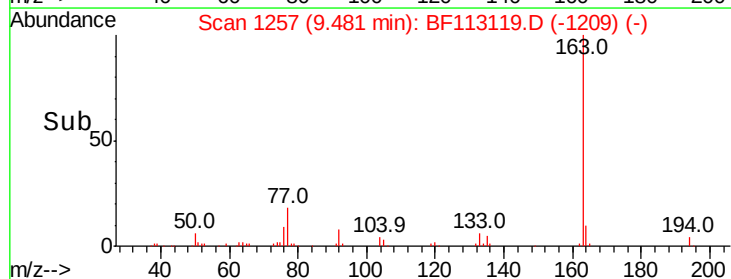
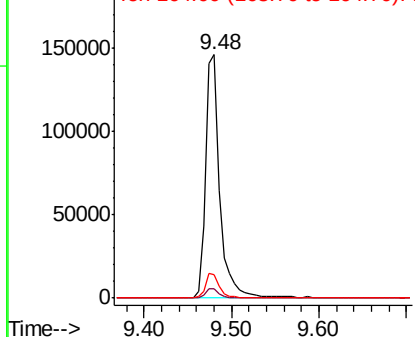
#50
Dimethylphthalate
Concen: 11.269 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF113119.D
Acq: 19 Mar 2019 5:02

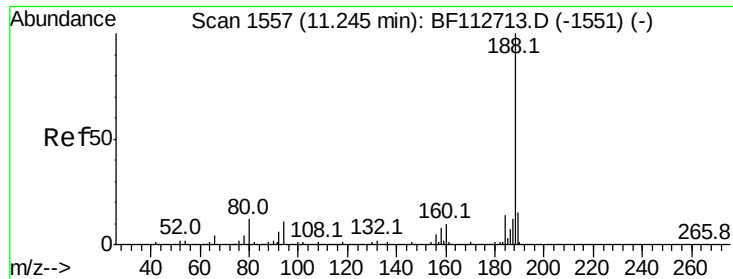
Tgt Ion:163 Resp: 165180

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.4
164	9.8	8.4	12.6



Abundance Ion 163.00 (162.70 to 163.70): E
200000 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: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF113119.D

Acq: 19 Mar 2019 5:02

Instrument :

BNA_F

ClientSampleId :

PST-025-B128-031319

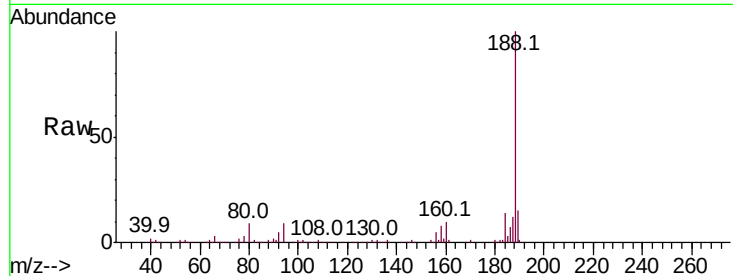
Tot Ion:188 Resp: 352472

Ion Ratio Lower Upper

188 100

94 9.1 9.0 13.4

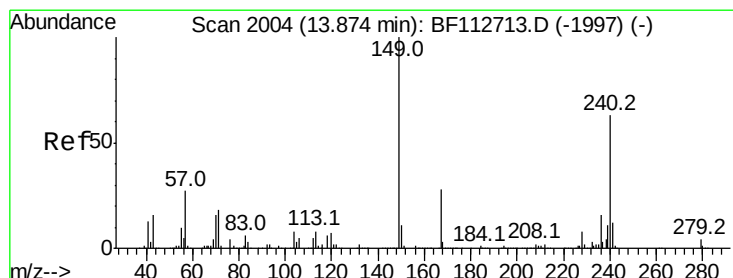
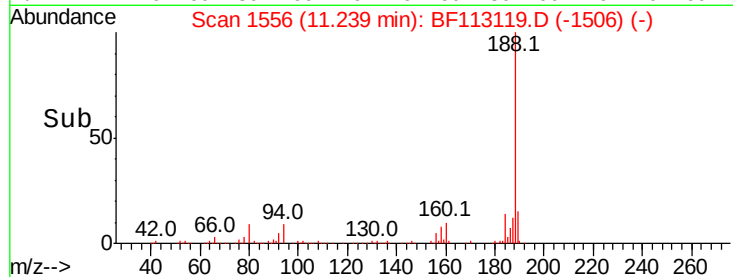
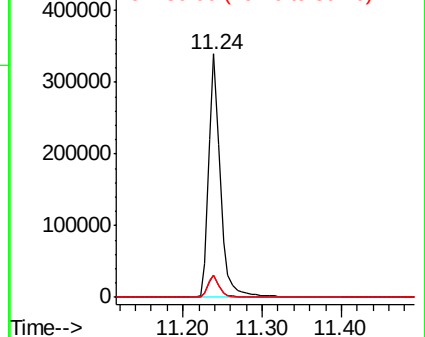
80 9.1 9.2 13.8#



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: 13.87 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BF113119.D

Acq: 19 Mar 2019 5:02

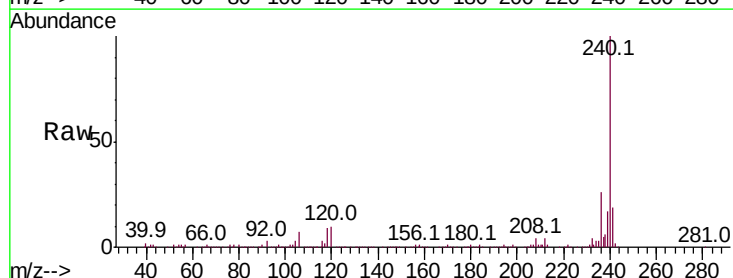
Tgt Ion:240 Resp: 412277

Ion Ratio Lower Upper

240 100

120 9.6 8.9 13.3

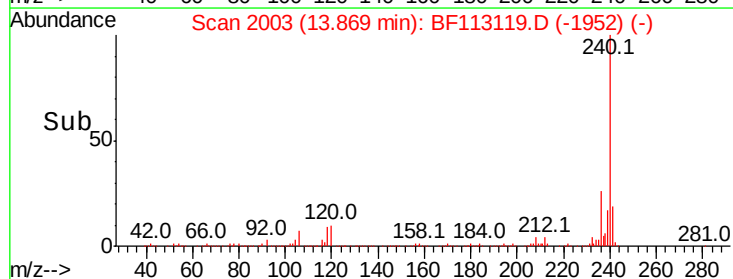
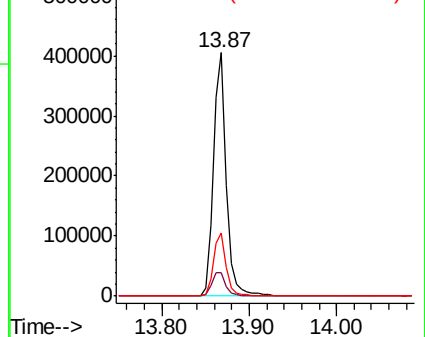
236 25.7 20.7 31.1

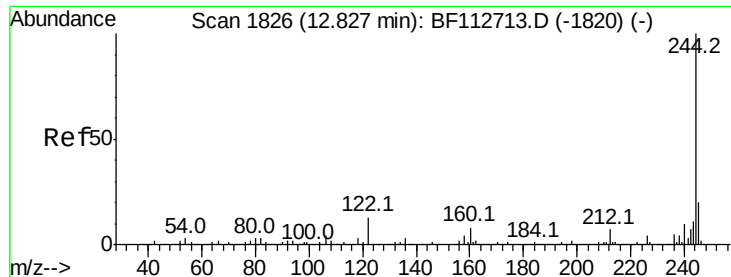


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 50.161 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BF113119.D

Acq: 19 Mar 2019 5:02

Instrument :

BNA_F

ClientSampleId :

PST-025-B128-031319

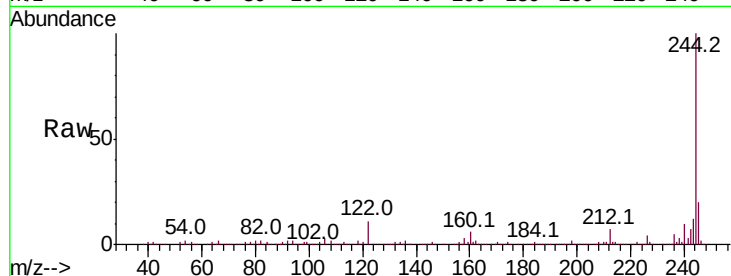
Tot Ion:244 Resp: 1066811

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

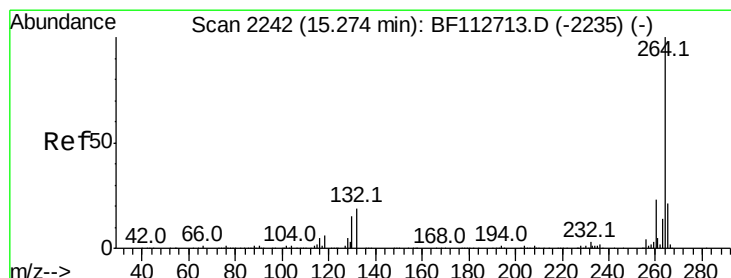
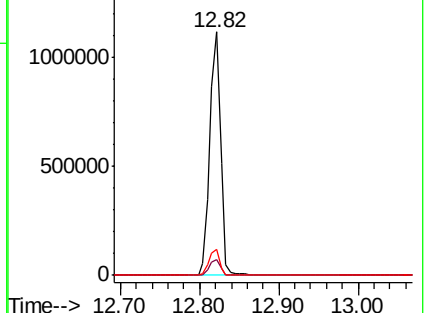
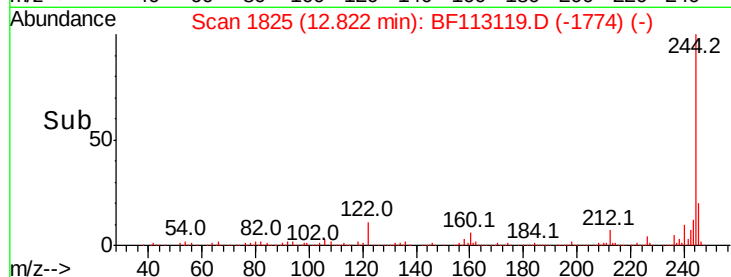
122 10.6 10.5 15.7



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: 15.28 min Scan# 2243

Delta R.T. 0.01 min

Lab File: BF113119.D

Acq: 19 Mar 2019 5:02

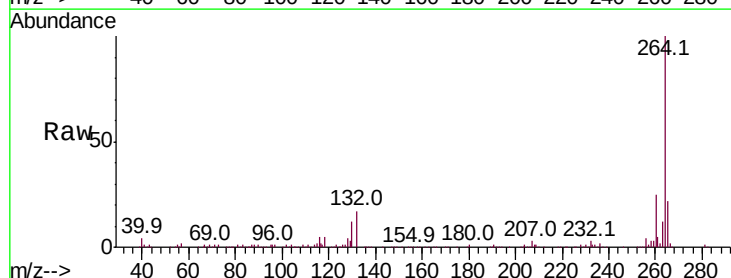
Tgt Ion:264 Resp: 219924

Ion Ratio Lower Upper

264 100

260 25.0 18.7 28.1

265 21.7 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

