

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042319\
 Data File : BF113926.D
 Acq On : 23 Apr 2019 17:53
 Operator : JU/SJ
 Sample : K2522-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-WOODBURY

Quant Time: Apr 24 06:06:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

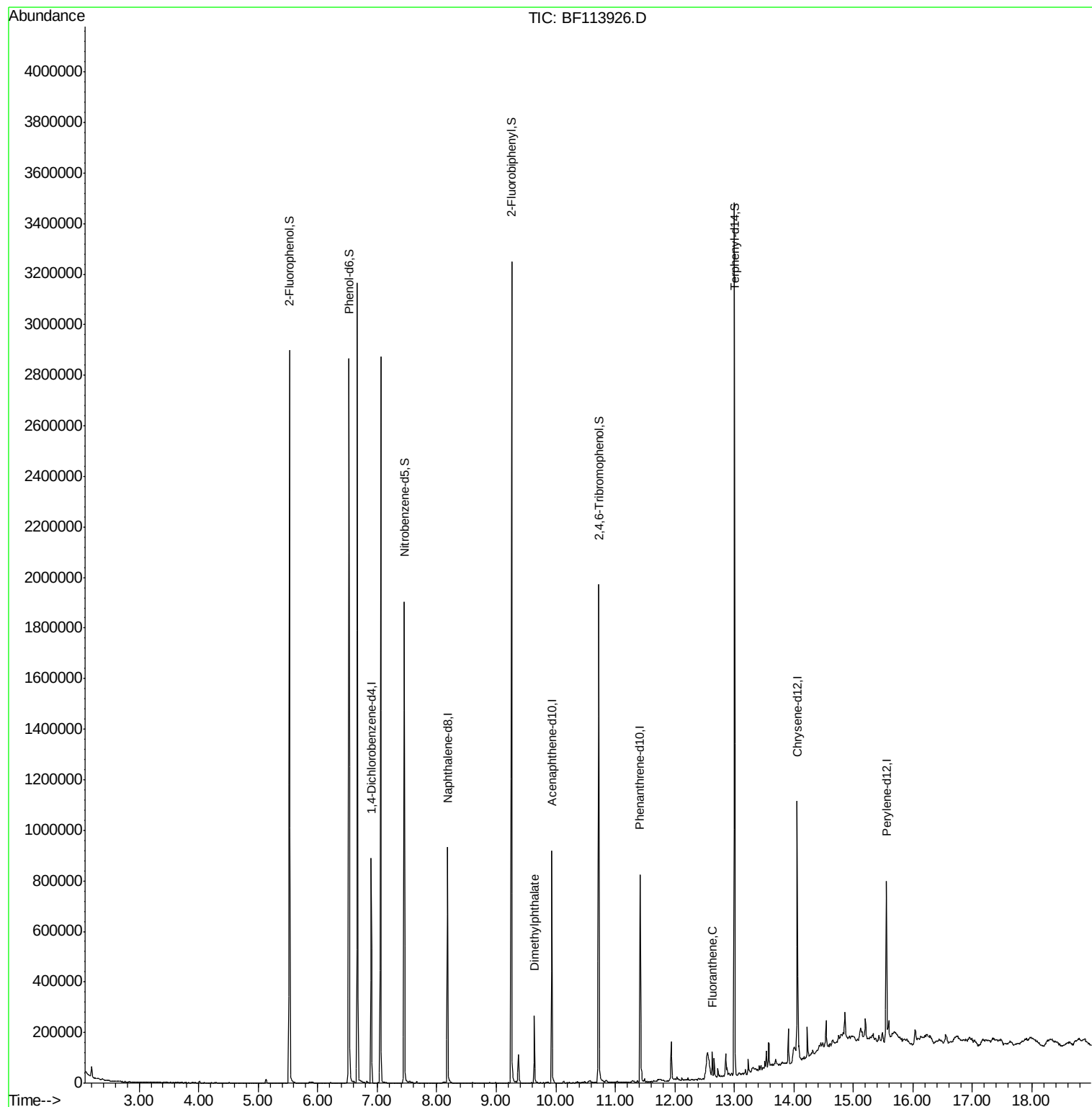
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	122999	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	415340	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	178737	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	330140	20.00	ng	0.00
76) Chrysene-d12	14.06	240	355578	20.00	ng	0.00
87) Perylene-d12	15.56	264	309699	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	865024	120.29	ng	0.01
7) Phenol-d6	6.53	99	1068372	118.41	ng	0.00
23) Nitrobenzene-d5	7.46	82	621814	92.44	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	265791	122.07	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1084209	94.87	ng	0.00
79) Terphenyl-d14	13.00	244	1197795	69.06	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.64	163	116679	9.026	ng	99
75) Fluoranthene	12.63	202	37952	2.097	ng	99

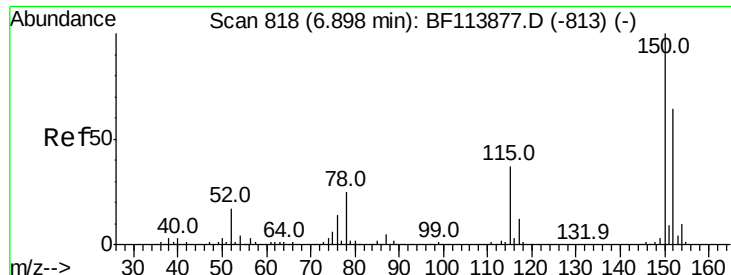
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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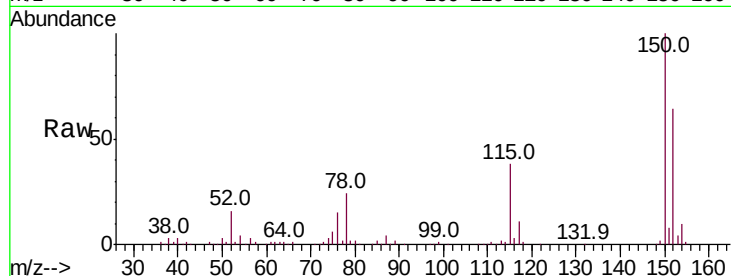


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF113926.D
 Acq: 23 Apr 2019 17:53

Instrument :
 BNA_F
 ClientSampleId :
 SP-WOODBURY

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	125.9	188.9
115	58.8	45.9	68.9

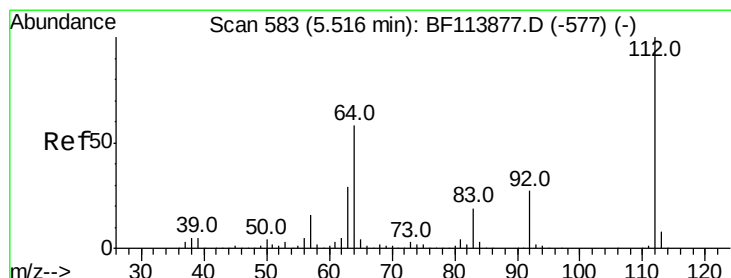
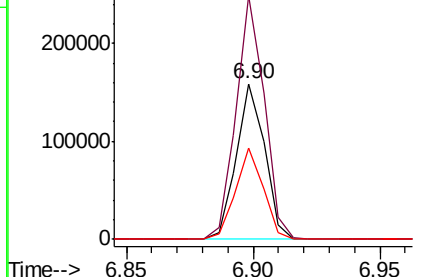
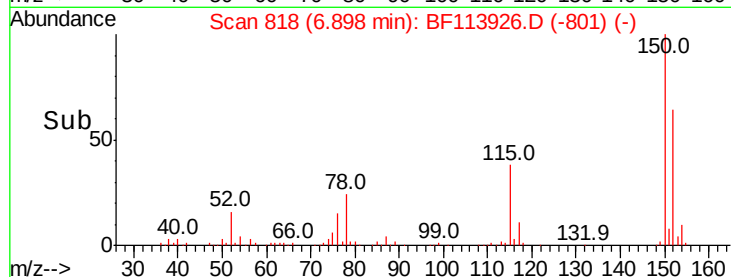


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

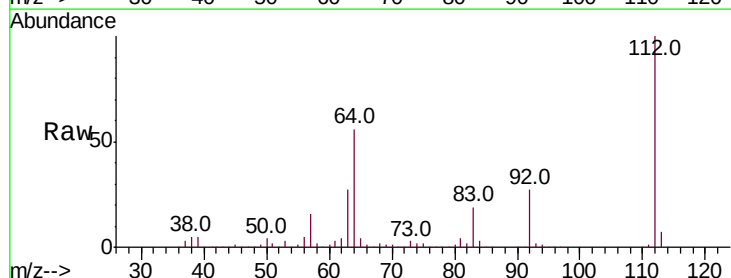
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 120.285 ng
 RT: 5.53 min Scan# 585
 Delta R.T. 0.01 min
 Lab File: BF113926.D
 Acq: 23 Apr 2019 17:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.0	46.6	69.8
63	27.4	23.1	34.7

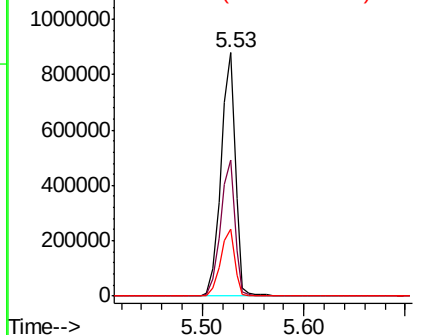
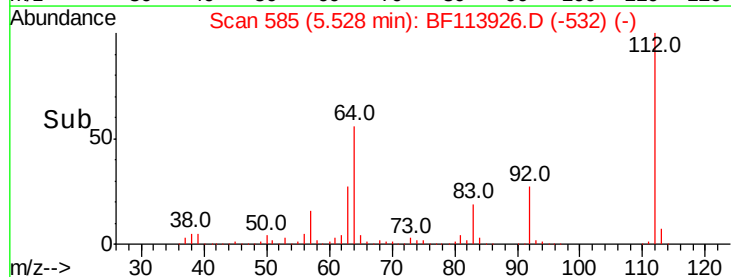


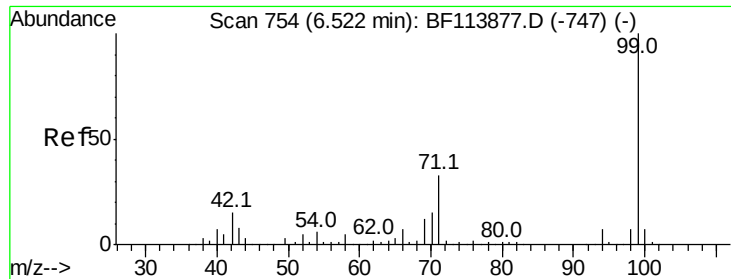
Abundance

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: 118.412 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF113926.D

Acq: 23 Apr 2019 17:53

Instrument :

BNA_F

ClientSampleId :

SP-WOODBURY

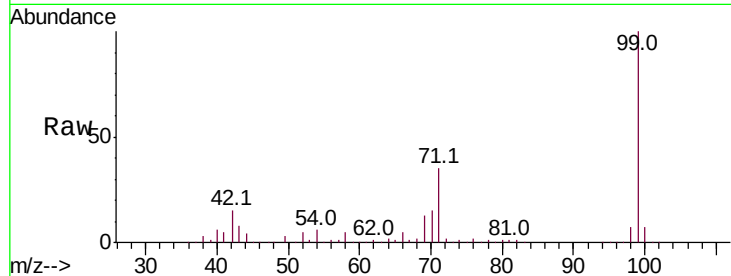
Tot Ion: 99 Resp: 1068372

Ion Ratio Lower Upper

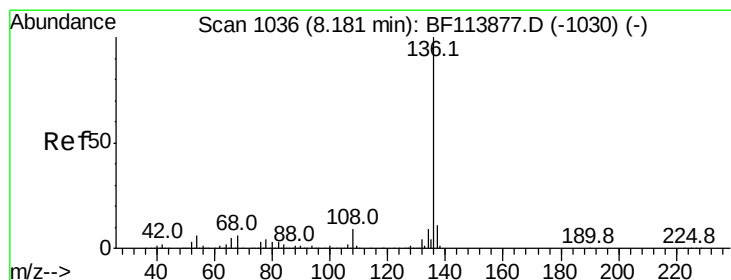
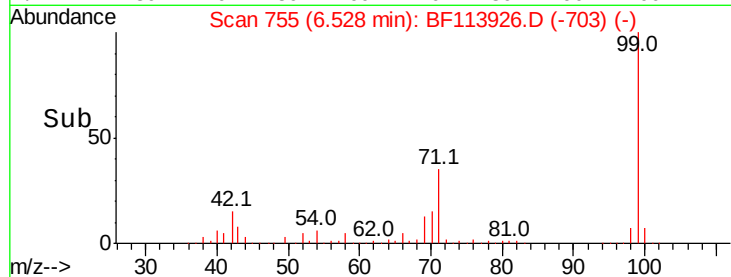
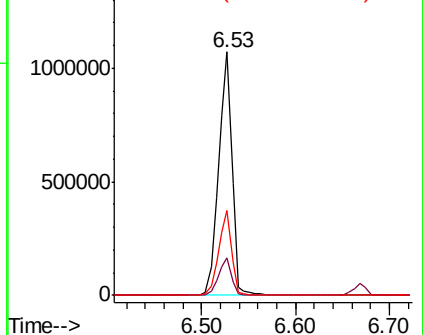
99 100

42 15.4 12.5 18.7

71 34.8 26.9 40.3



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: 8.18 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF113926.D

Acq: 23 Apr 2019 17:53

Tgt Ion: 136 Resp: 415340

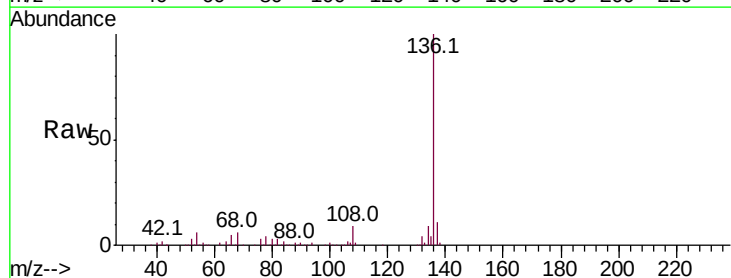
Ion Ratio Lower Upper

136 100

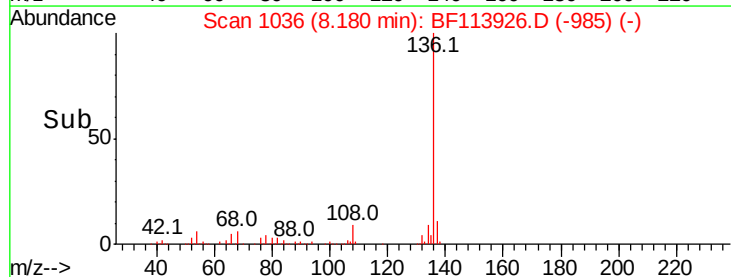
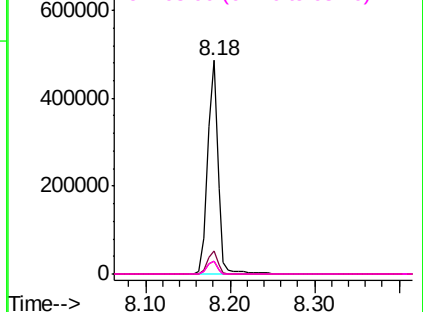
137 10.8 8.6 12.8

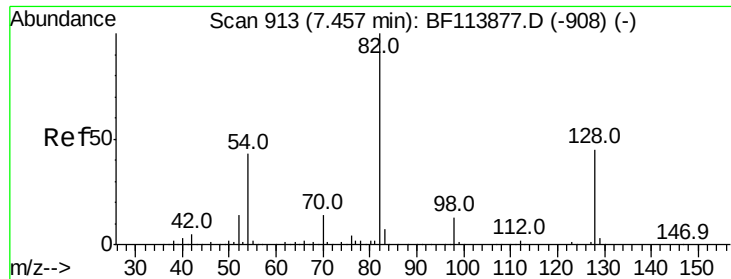
54 5.9 5.0 7.6

68 5.8 4.9 7.3



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

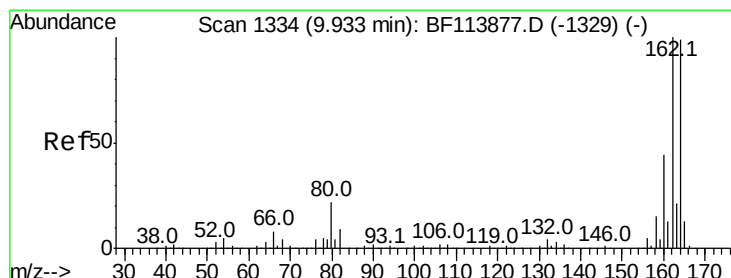
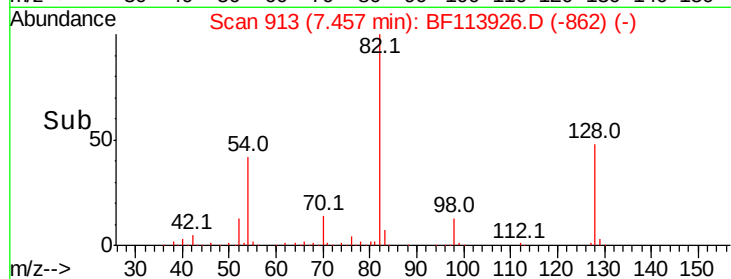
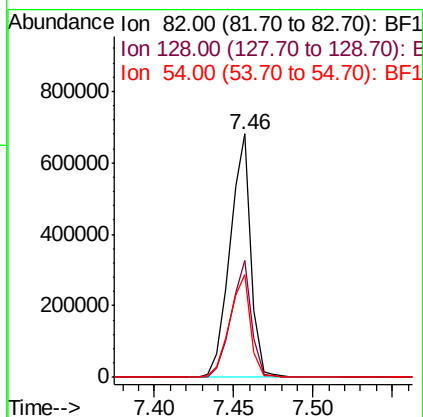
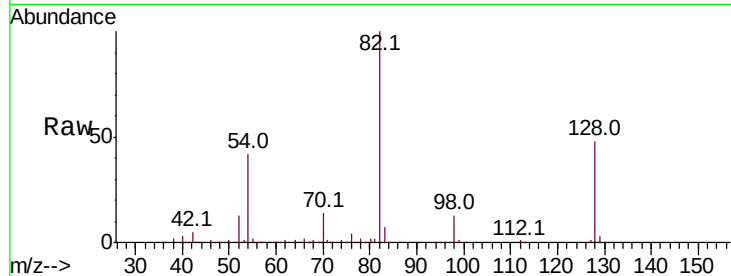




#23
 Nitrobenzene-d5
 Concen: 92.438 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.00 min
 Lab File: BF113926.D
 Acq: 23 Apr 2019 17:53

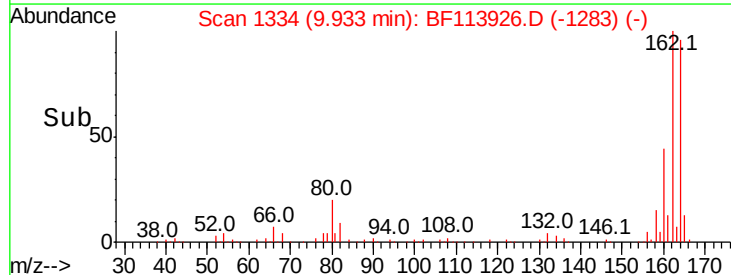
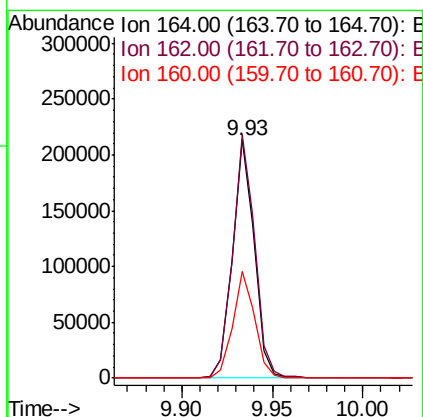
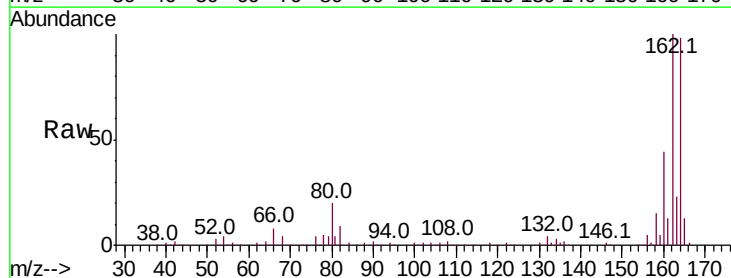
Instrument :
 BNA_F
 ClientSampleId :
 SP-WOODBURY

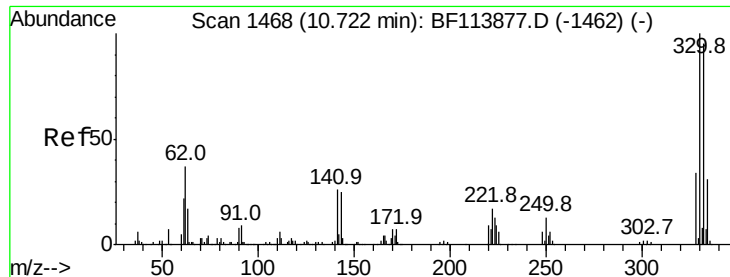
Tot Ion	82	Resp	621814
Ion Ratio	Lower	Upper	
82	100		
128	47.9	36.8	55.2
54	42.1	33.8	50.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF113926.D
 Acq: 23 Apr 2019 17:53

Tgt Ion	164	Resp	178737
Ion Ratio	Lower	Upper	
164	100		
162	102.2	81.1	121.7
160	44.6	35.8	53.6

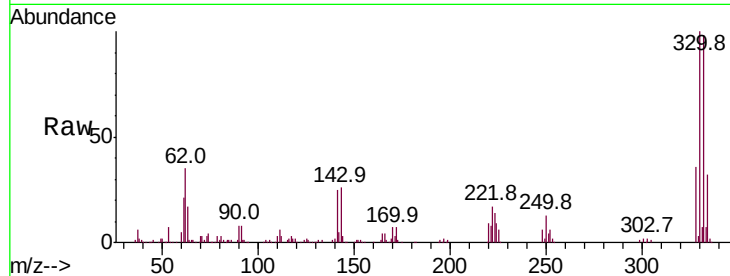




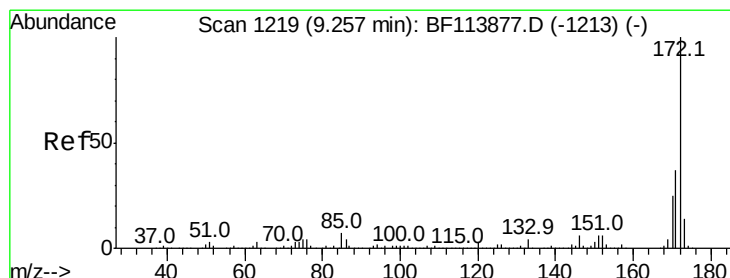
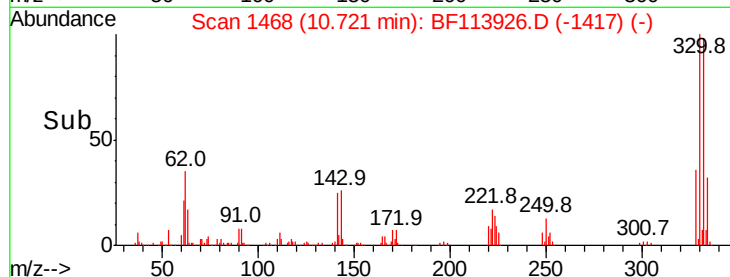
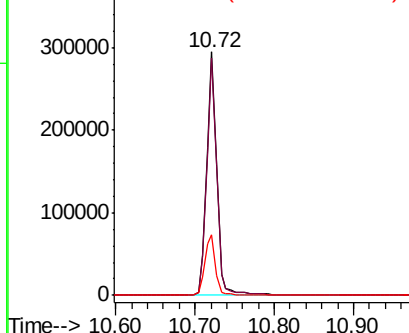
#42
 2,4,6-Tribromophenol
 Concen: 122.069 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: BF113926.D
 Acq: 23 Apr 2019 17:53

Instrument :
 BNA_F
 ClientSampleId :
 SP-WOODBURY

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.5	116.3
141	26.1	22.2	33.2

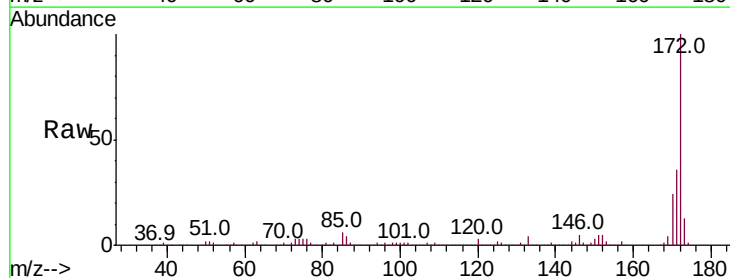


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

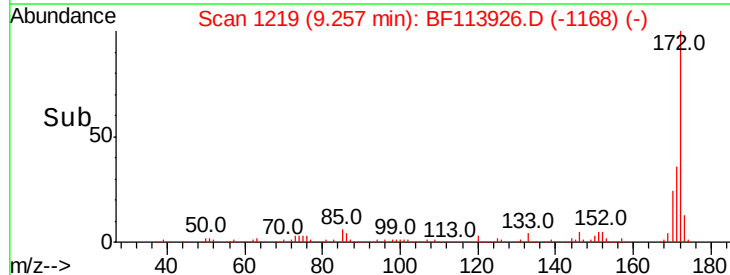
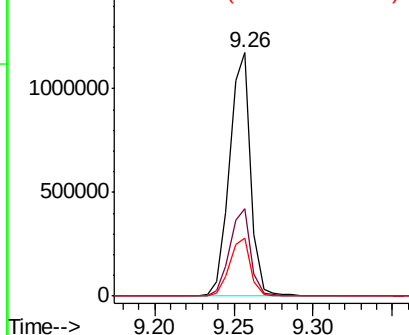


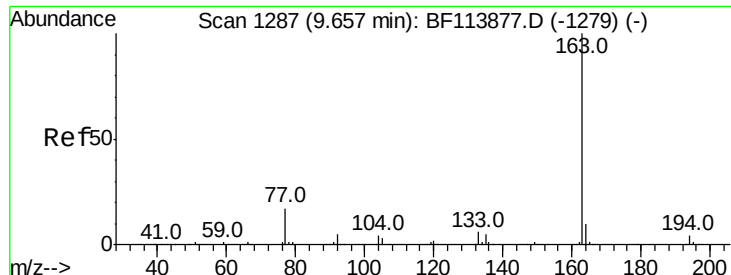
#45
 2-Fluorobiphenyl
 Concen: 94.873 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: BF113926.D
 Acq: 23 Apr 2019 17:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.0
170	23.9	19.9	29.9



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

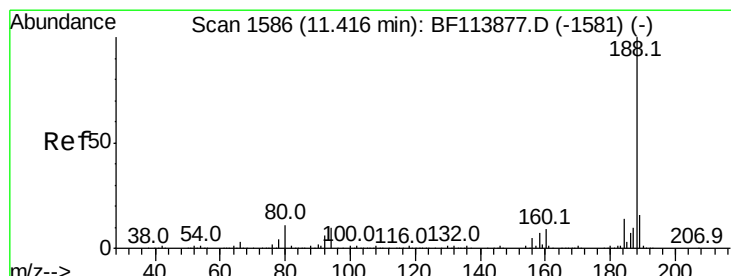
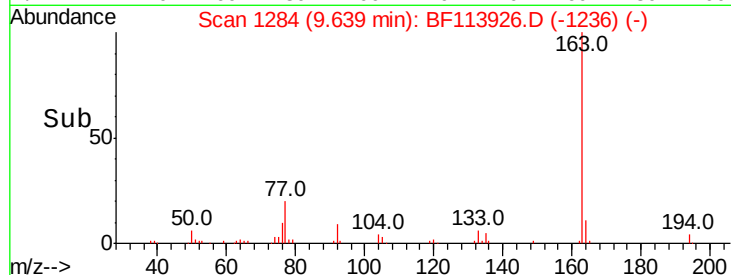
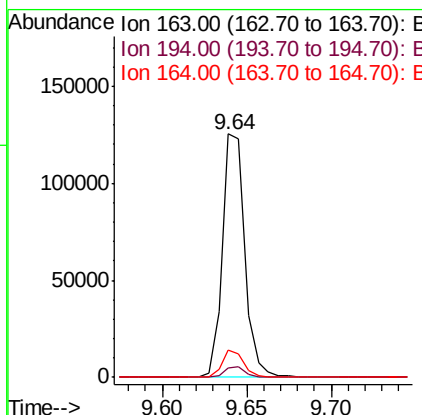
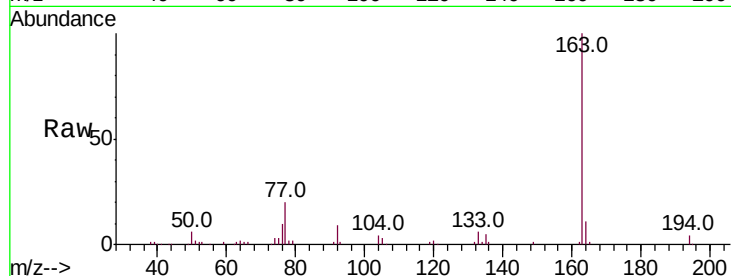




#50
Dimethylphthalate
Concen: 9.026 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF113926.D
Acq: 23 Apr 2019 17:53

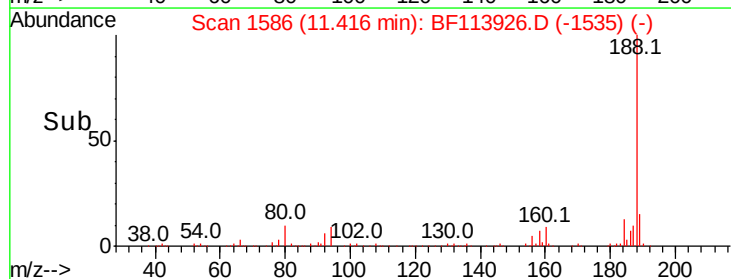
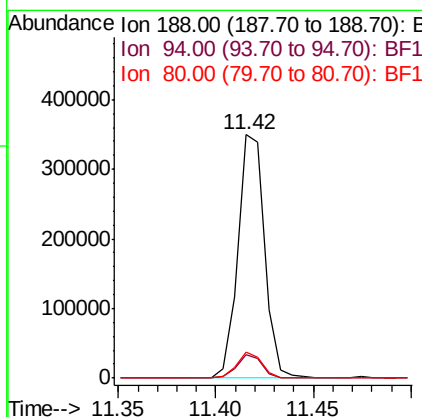
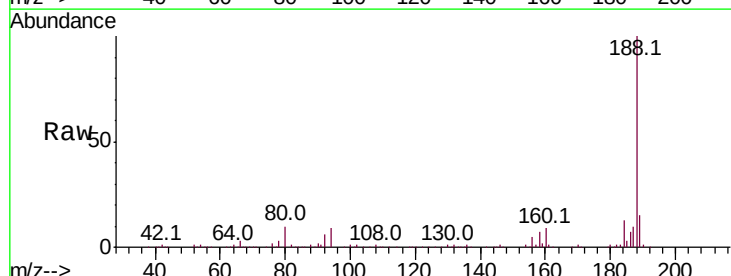
Instrument :
BNA_F
ClientSampleId :
SP-WOODBURY

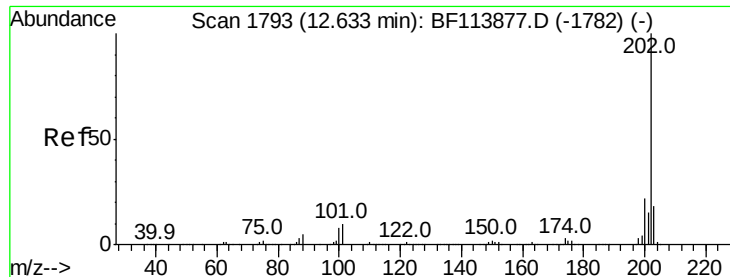
Tot Ion:163 Resp: 116679
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.2
164 11.1 8.5 12.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF113926.D
Acq: 23 Apr 2019 17:53

Tgt Ion:188 Resp: 330140
Ion Ratio Lower Upper
188 100
94 9.4 8.2 12.4
80 10.4 9.0 13.6





#75

Fluoranthene

Concen: 2.097 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF113926.D

Acq: 23 Apr 2019 17:53

Instrument :

BNA_F

ClientSampleId :

SP-WOODBURY

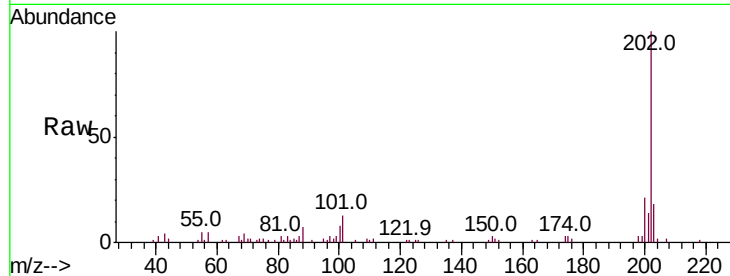
Tot Ion:202 Resp: 37952

Ion Ratio Lower Upper

202 100

101 13.2 0.0 32.9

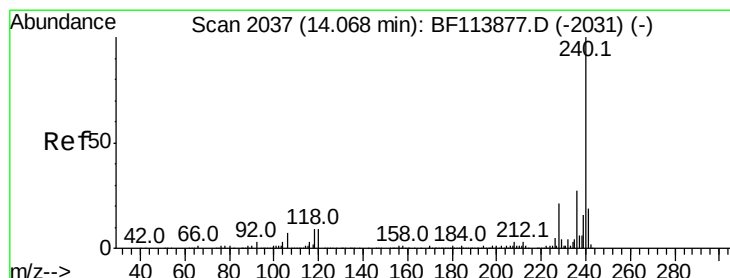
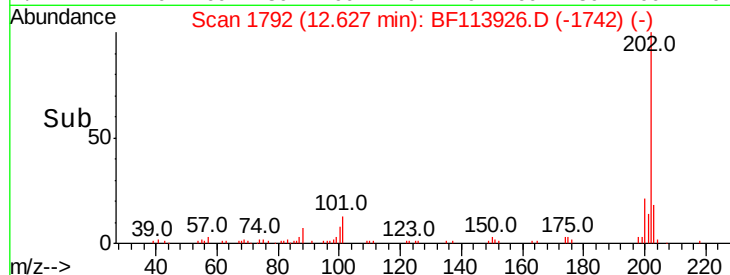
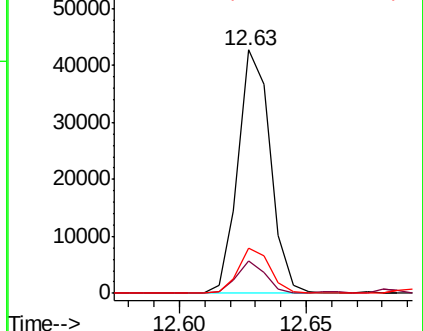
203 18.4 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF113926.D

Acq: 23 Apr 2019 17:53

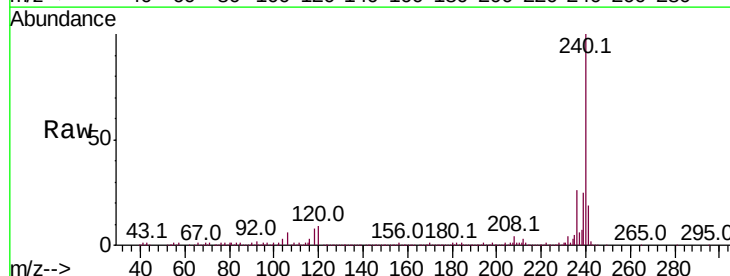
Tgt Ion:240 Resp: 355578

Ion Ratio Lower Upper

240 100

120 8.5 9.3 13.9#

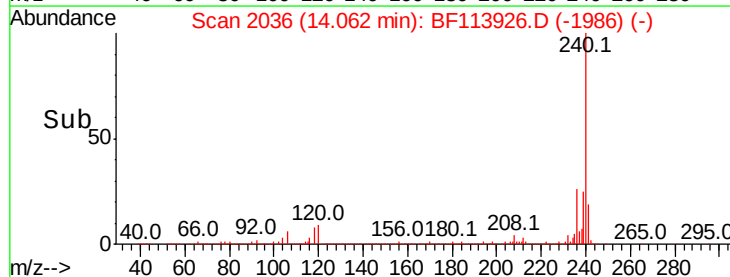
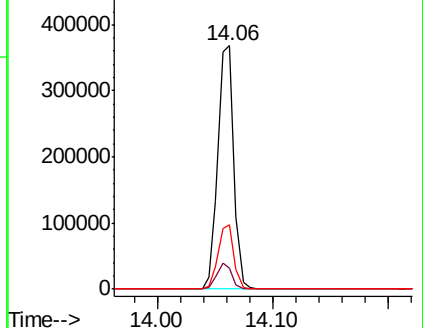
236 26.5 21.2 31.8

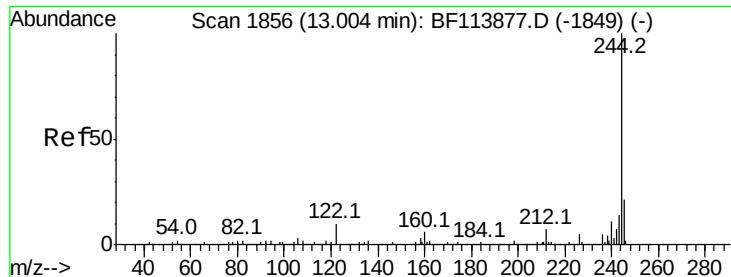


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 69.060 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.00 min

Lab File: BF113926.D

Acq: 23 Apr 2019 17:53

Instrument :

BNA_F

ClientSampleId :

SP-WOODBURY

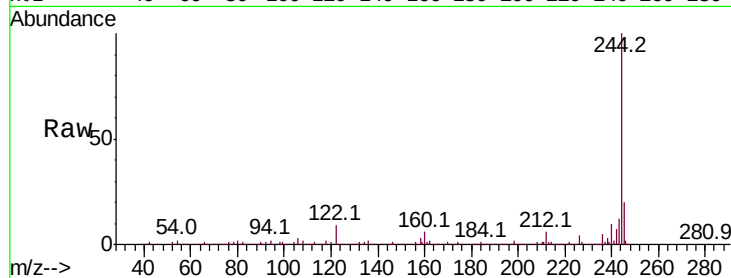
Tot Ion:244 Resp: 1197795

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.2

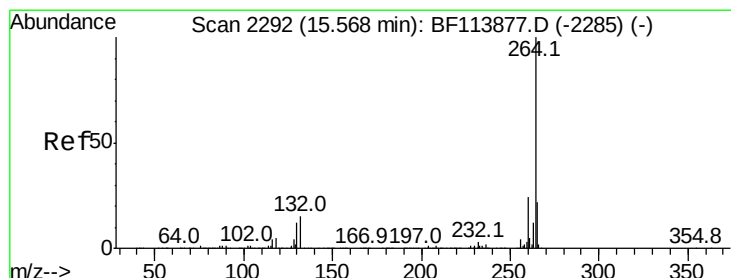
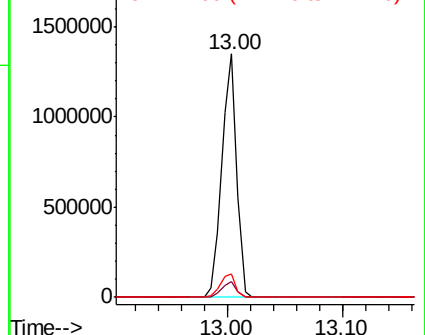
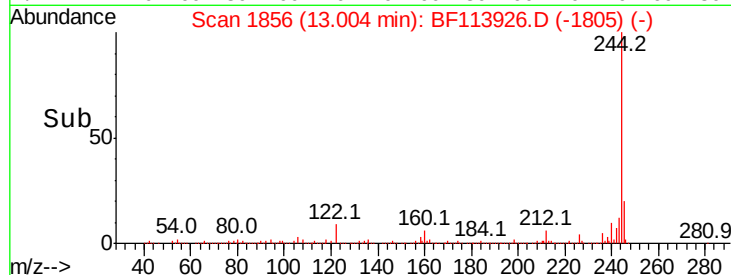
122 9.4 7.6 11.4



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: 15.56 min Scan# 2290

Delta R.T. -0.01 min

Lab File: BF113926.D

Acq: 23 Apr 2019 17:53

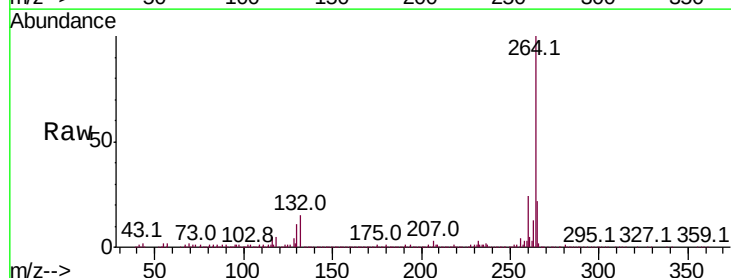
Tgt Ion:264 Resp: 309699

Ion Ratio Lower Upper

264 100

260 24.2 18.9 28.3

265 21.8 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

