

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\
 Data File : BF113971.D
 Acq On : 24 Apr 2019 19:33
 Operator : JU/SJ
 Sample : K2539-03 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-006-B

Quant Time: Apr 25 06:55:06 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

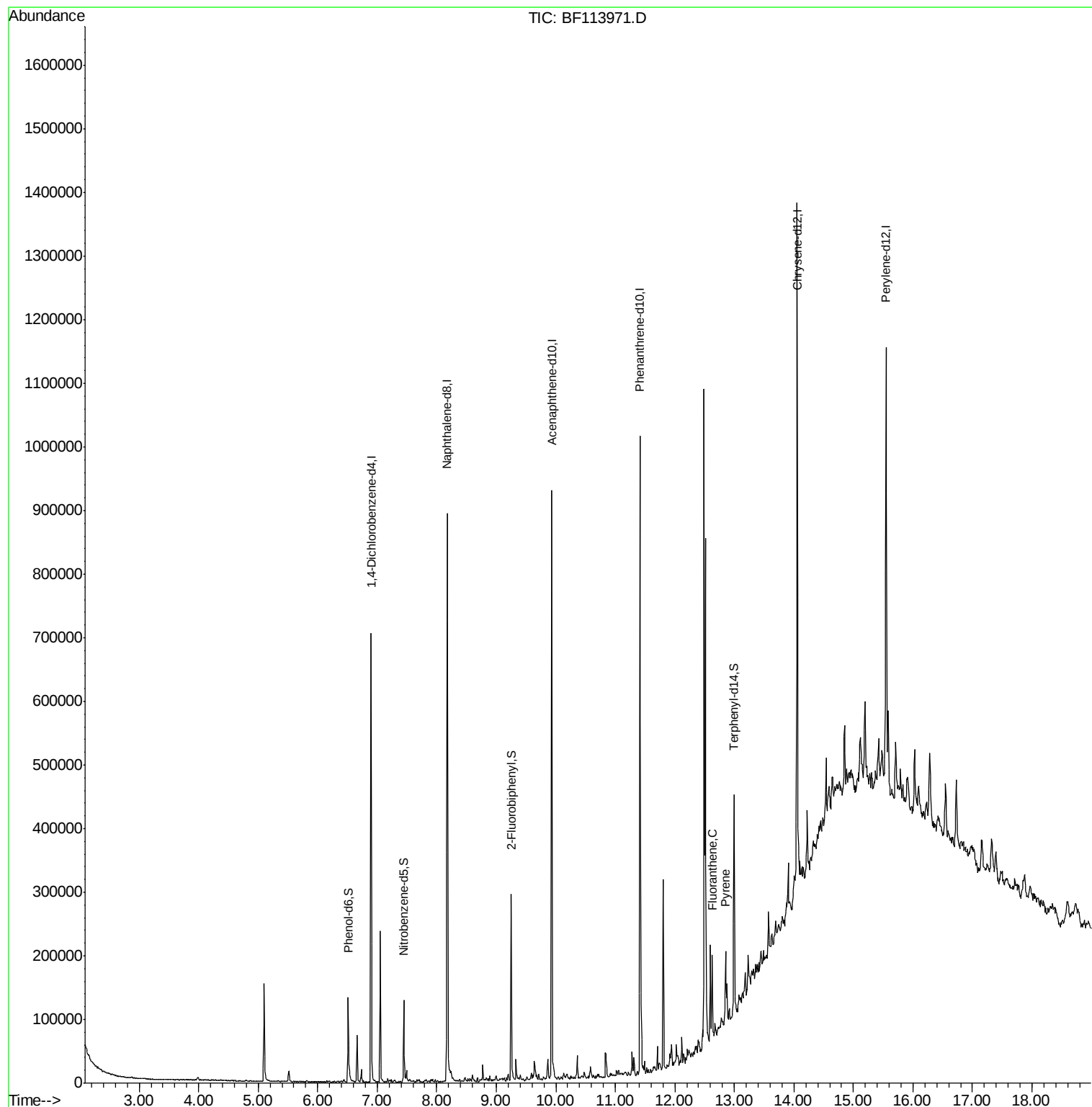
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	118713	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	439953	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	198998	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	359924	20.00	ng	0.00
76) Chrysene-d12	14.06	240	354528	20.00	ng	-0.01
87) Perylene-d12	15.55	264	352163	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	7819	1.13	ng	0.00
7) Phenol-d6	6.51	99	62565	7.18	ng	-0.01
23) Nitrobenzene-d5	7.45	82	47619	6.68	ng	-0.01
42) 2,4,6-Tribromophenol	10.72	330	276	0.11	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	107100	8.42	ng	0.00
79) Terphenyl-d14	12.99	244	116447	6.73	ng	-0.01
Target Compounds						
75) Fluoranthene	12.63	202	53281	2.700	ng	97
78) Pyrene	12.86	202	51718	2.086	ng	97

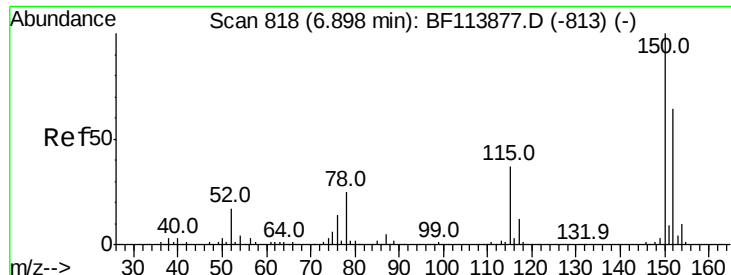
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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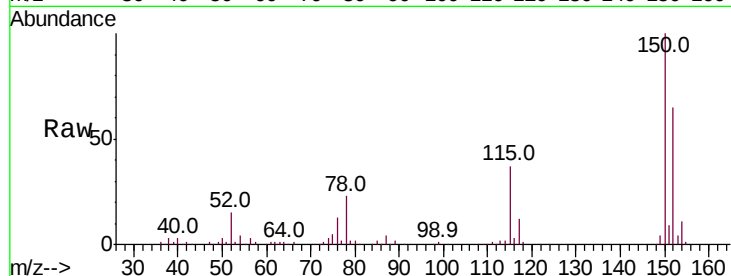


#1

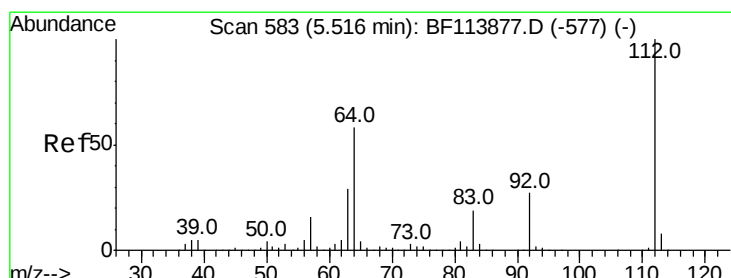
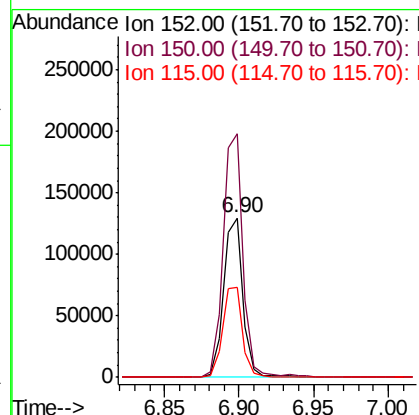
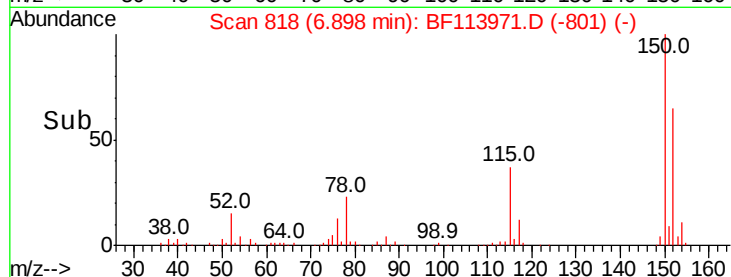
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF113971.D
Acq: 24 Apr 2019 19:33

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-006-B

Tot Ion:152 Resp: 118713
Ion Ratio Lower Upper
152 100
150 152.7 125.9 188.9
115 56.9 45.9 68.9



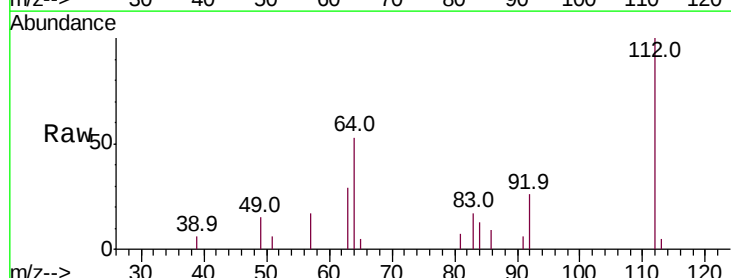
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



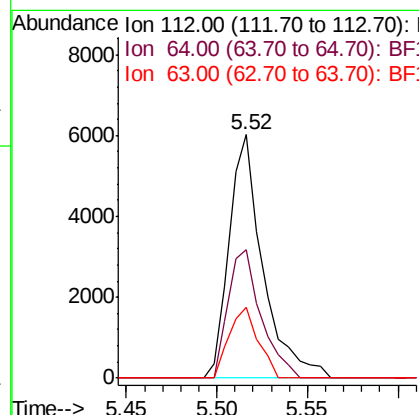
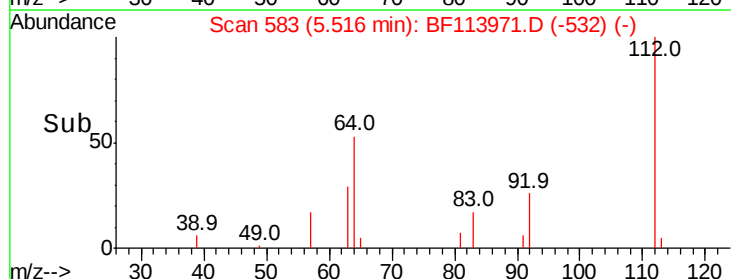
#5

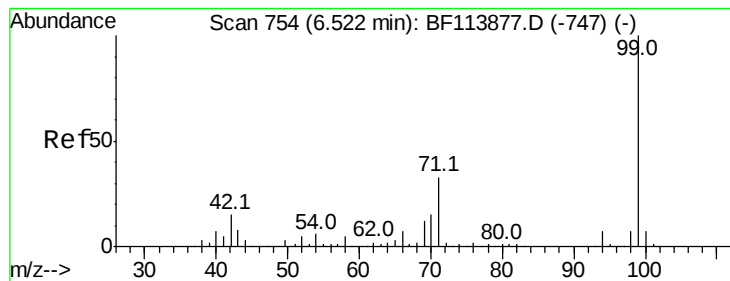
2-Fluorophenol
Concen: 1.127 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF113971.D
Acq: 24 Apr 2019 19:33

Tgt Ion:112 Resp: 7819
Ion Ratio Lower Upper
112 100
64 52.7 46.6 69.8
63 29.0 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: 7.185 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF113971.D

Acq: 24 Apr 2019 19:33

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-006-B

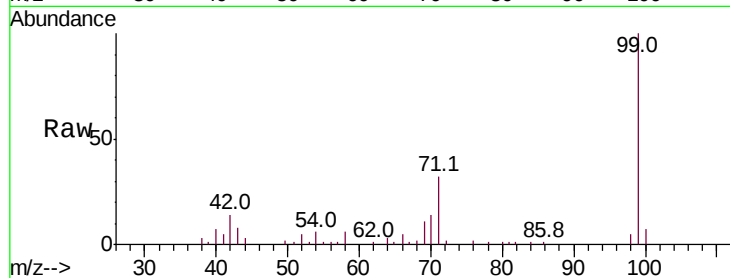
Tot Ion: 99 Resp: 62565

Ion Ratio Lower Upper

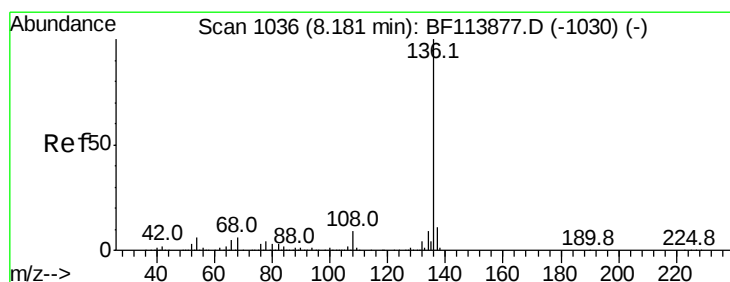
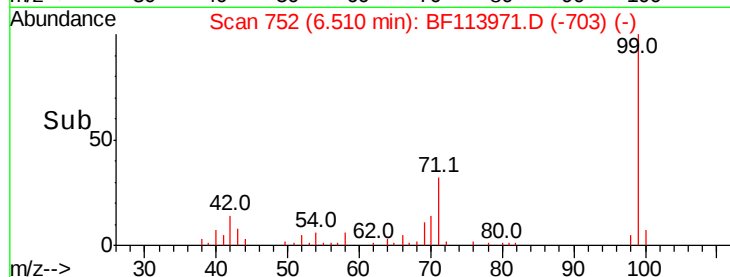
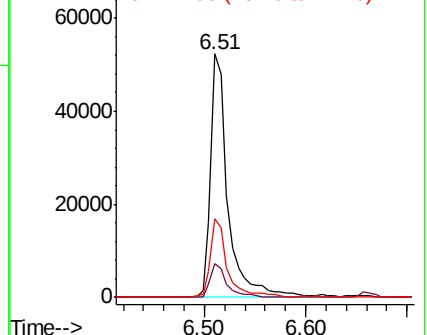
99 100

42 14.1 12.5 18.7

71 32.2 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: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF113971.D

Acq: 24 Apr 2019 19:33

Tgt Ion: 136 Resp: 439953

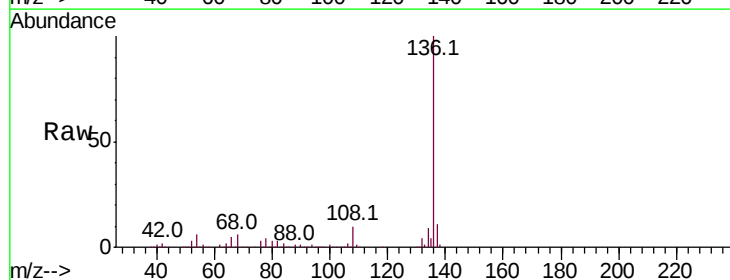
Ion Ratio Lower Upper

136 100

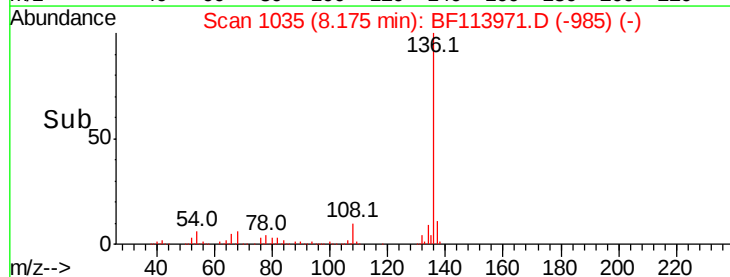
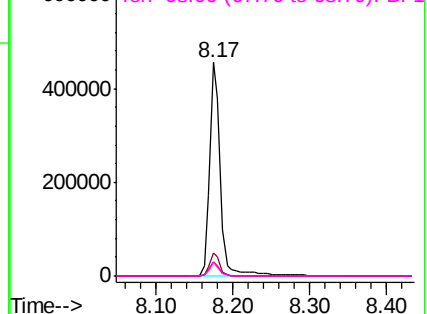
137 10.8 8.6 12.8

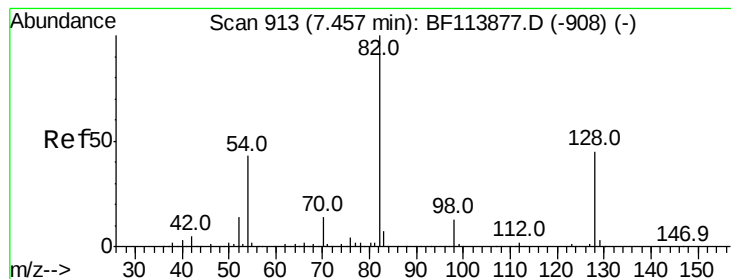
54 6.5 5.0 7.6

68 6.4 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: 6.683 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF113971.D

Acq: 24 Apr 2019 19:33

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-006-B

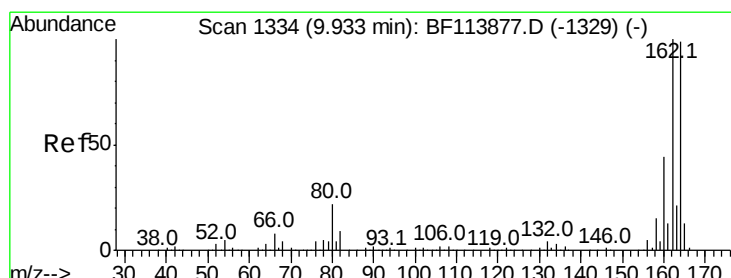
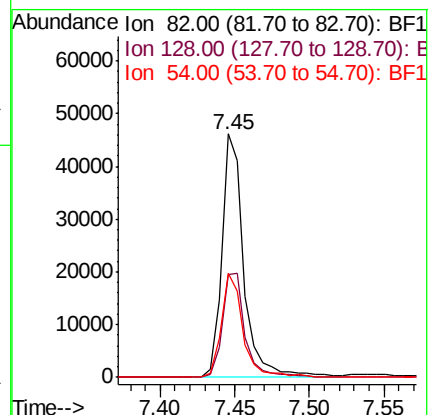
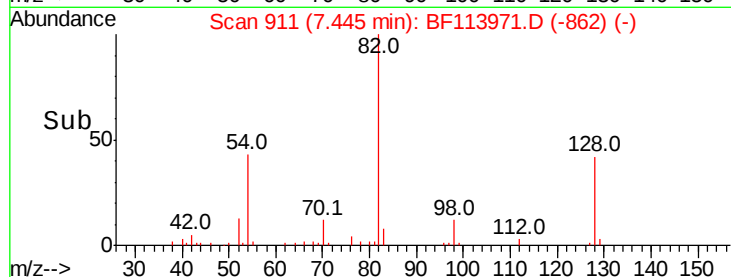
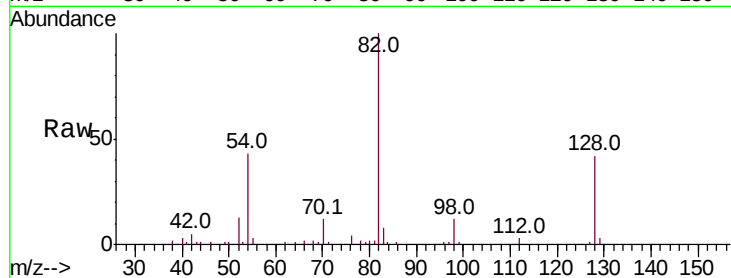
Tot Ion: 82 Resp: 47619

Ion Ratio Lower Upper

82 100

128 42.2 36.8 55.2

54 42.9 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: BF113971.D

Acq: 24 Apr 2019 19:33

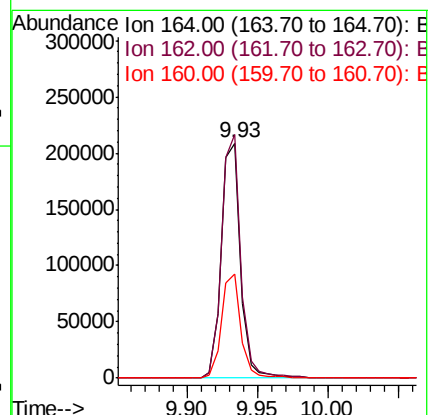
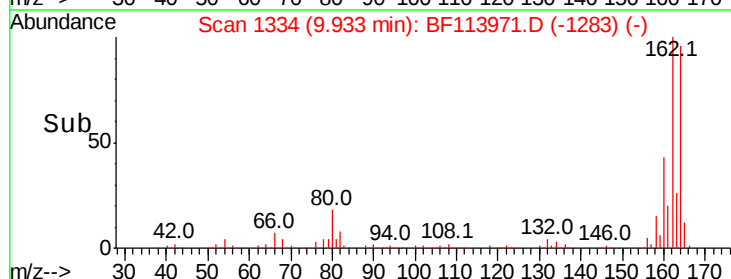
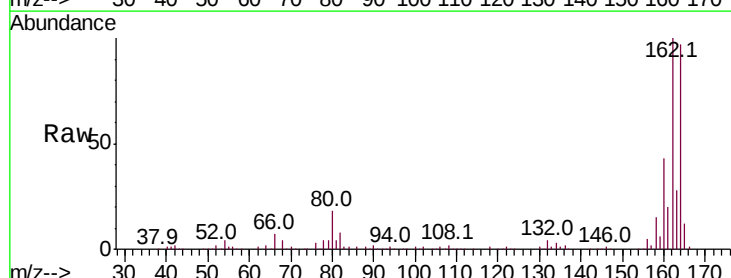
Tgt Ion:164 Resp: 198998

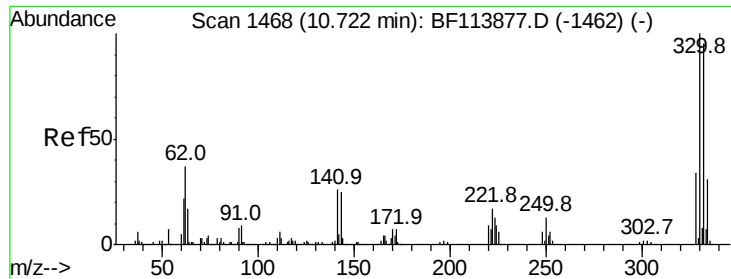
Ion Ratio Lower Upper

164 100

162 103.6 81.1 121.7

160 44.2 35.8 53.6

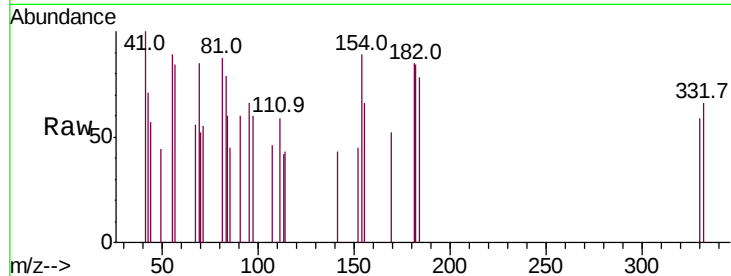




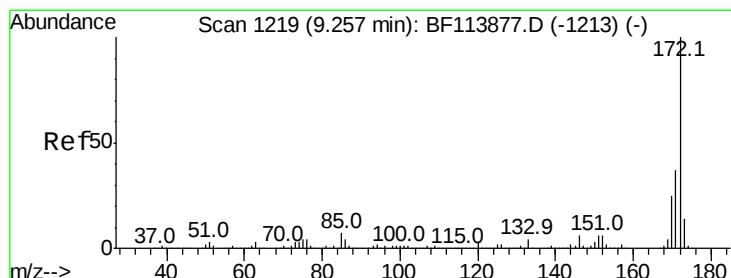
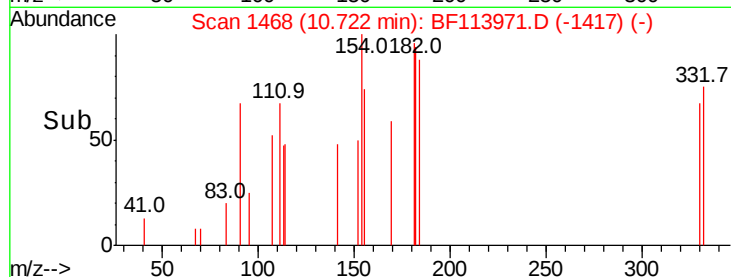
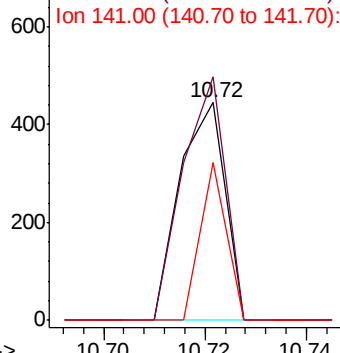
#42
 2,4,6-Tribromophenol
 Concen: 0.114 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.00 min
 Lab File: BF113971.D
 Acq: 24 Apr 2019 19:33

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-006-B

Tot Ion:330 Resp: 276
 Ion Ratio Lower Upper
 330 100
 332 104.7 77.5 116.3
 141 41.3 22.2 33.2#

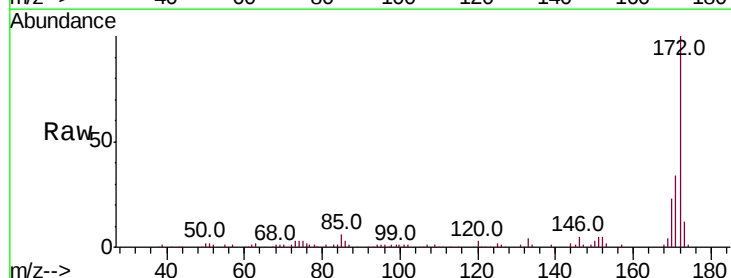


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

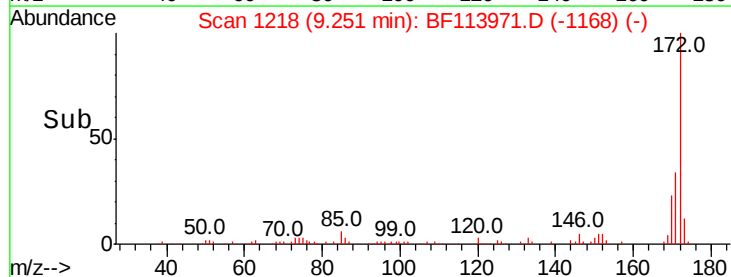
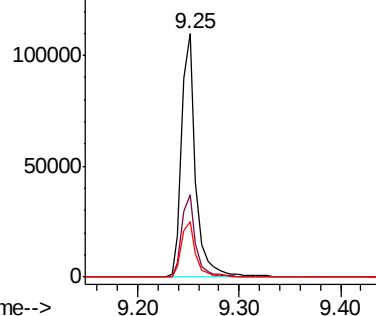


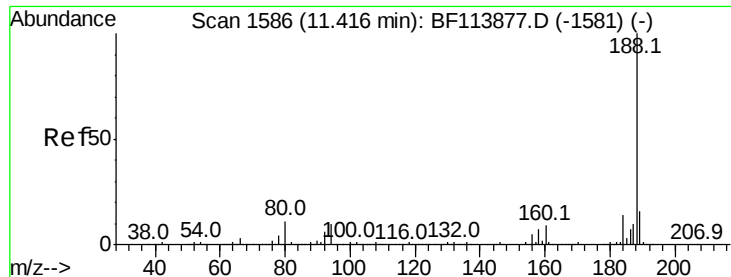
#45
 2-Fluorobiphenyl
 Concen: 8.418 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BF113971.D
 Acq: 24 Apr 2019 19:33

Tgt Ion:172 Resp: 107100
 Ion Ratio Lower Upper
 172 100
 171 34.1 29.4 44.0
 170 22.9 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

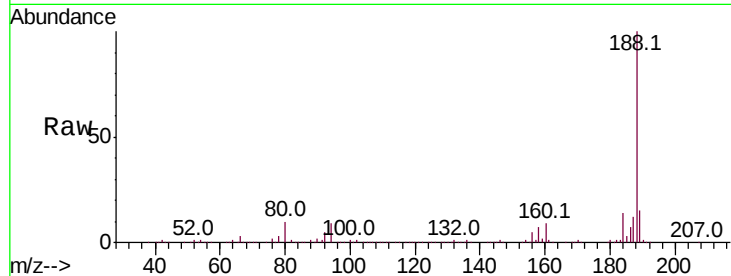




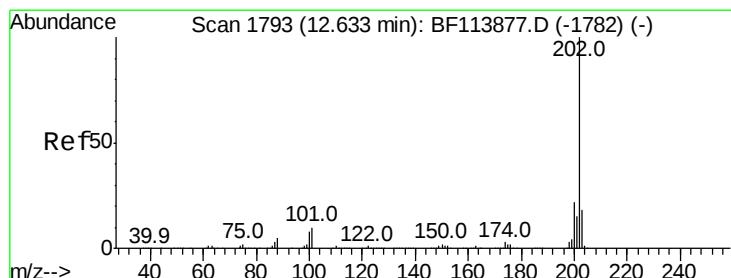
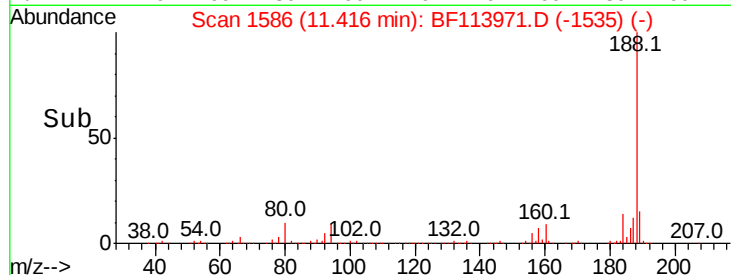
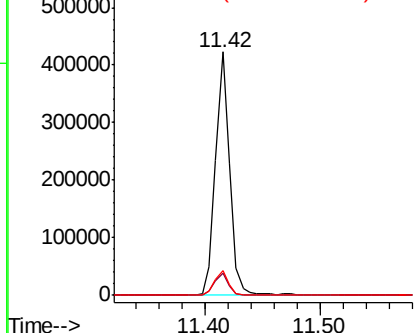
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF113971.D
Acq: 24 Apr 2019 19:33

Instrument :
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ClientSampleId :
FK-SF-03-006-B

Tot Ion:188 Resp: 359924
Ion Ratio Lower Upper
188 100
94 9.0 8.2 12.4
80 10.4 9.0 13.6

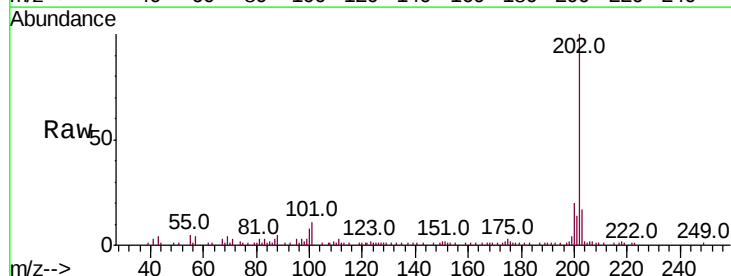


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

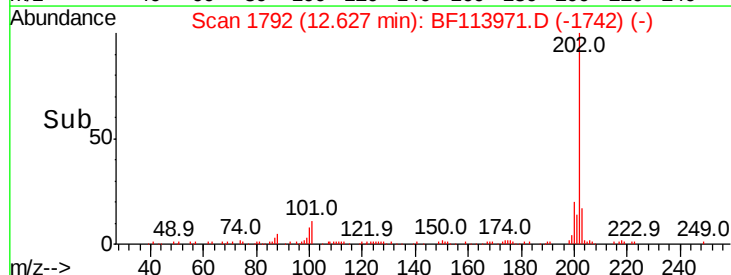
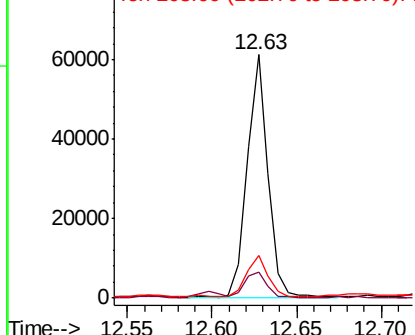


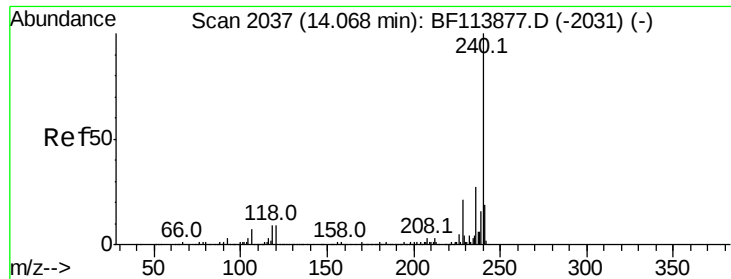
#75
Fluoranthene
Concen: 2.700 ng
RT: 12.63 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BF113971.D
Acq: 24 Apr 2019 19:33

Tgt Ion:202 Resp: 53281
Ion Ratio Lower Upper
202 100
101 10.6 0.0 32.9
203 17.4 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# 2035

Delta R.T. -0.01 min

Lab File: BF113971.D

Acq: 24 Apr 2019 19:33

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ClientSampleId :

FK-SF-03-006-B

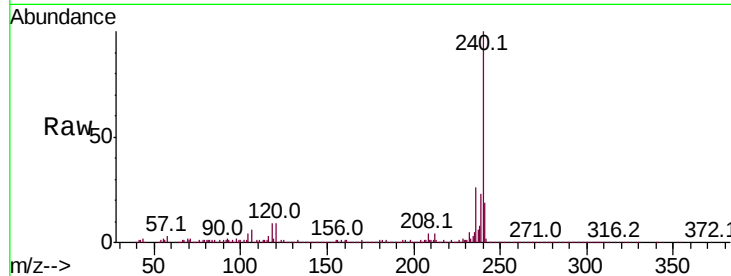
Tot Ion:240 Resp: 354528

Ion Ratio Lower Upper

240 100

120 9.1 9.3 13.9#

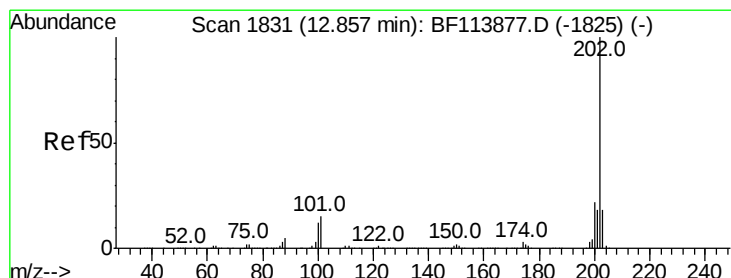
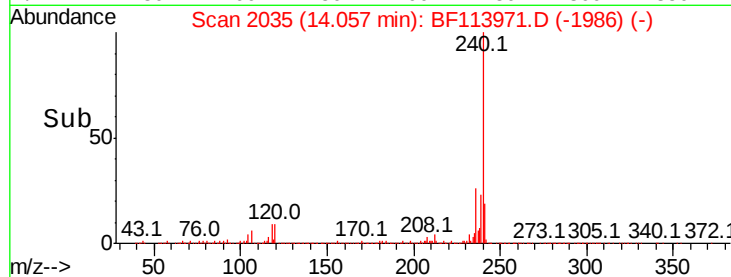
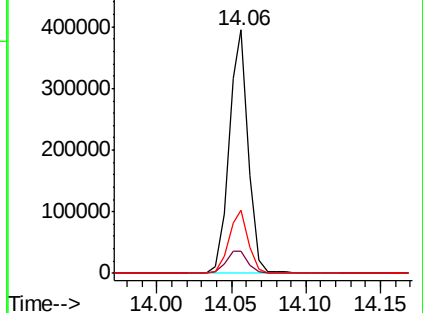
236 26.0 21.2 31.8



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



#78

Pyrene

Concen: 2.086 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BF113971.D

Acq: 24 Apr 2019 19:33

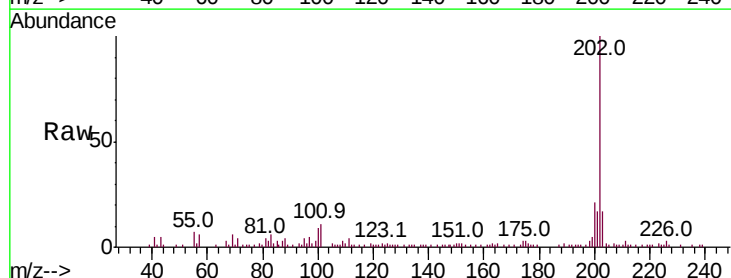
Tgt Ion:202 Resp: 51718

Ion Ratio Lower Upper

202 100

200 21.1 17.7 26.5

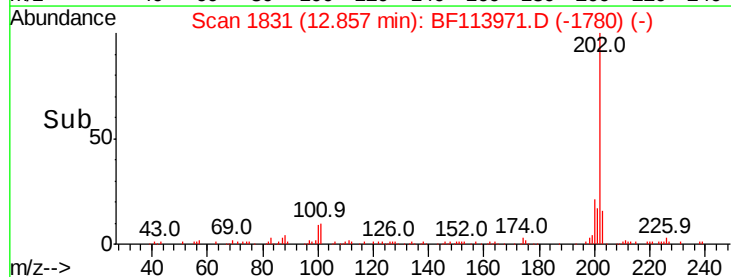
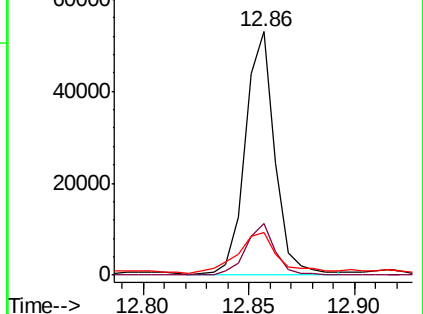
203 17.3 15.0 22.6

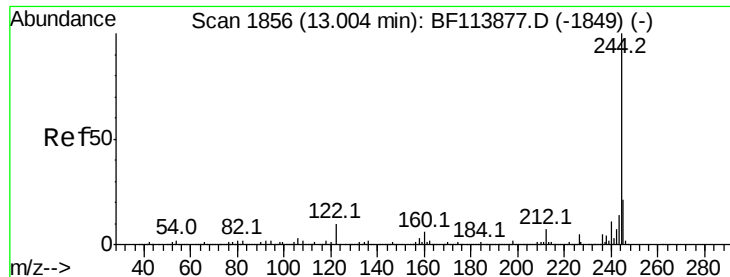


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 6.734 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF113971.D

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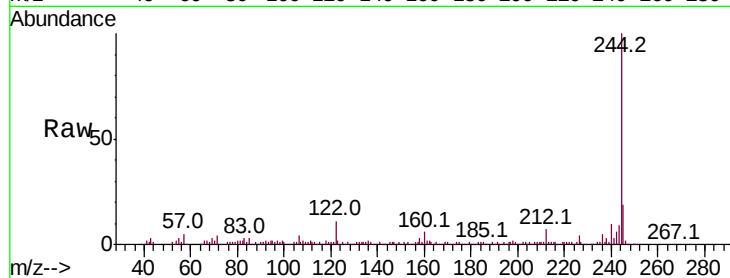
Tot Ion:244 Resp: 116447

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

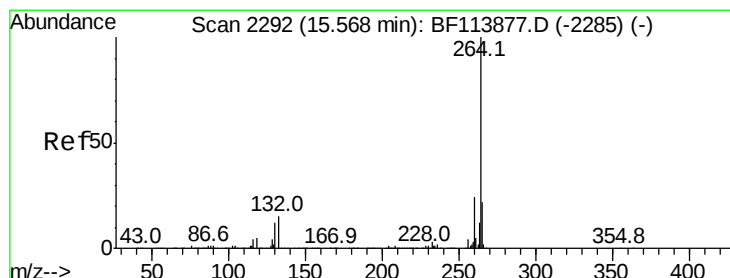
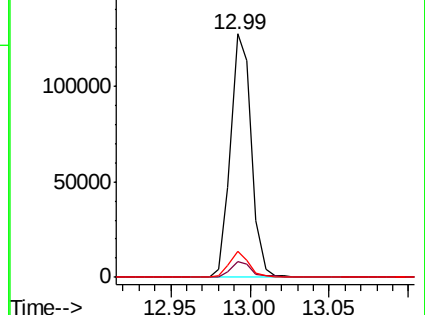
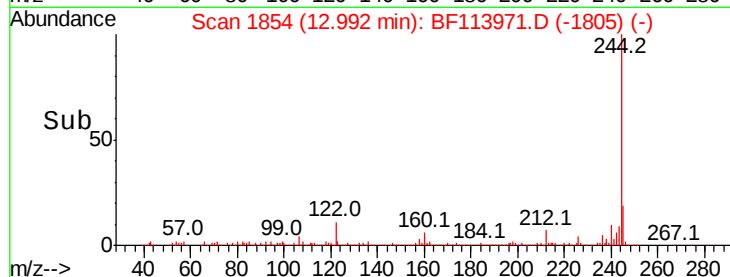
122 10.6 7.6 11.4



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: 15.55 min Scan# 2289

Delta R.T. -0.02 min

Lab File: BF113971.D

Acq: 24 Apr 2019 19:33

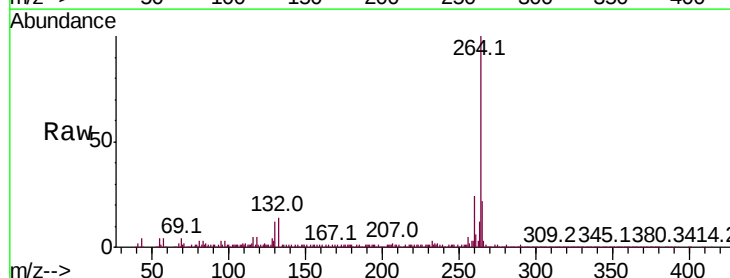
Tgt Ion:264 Resp: 352163

Ion Ratio Lower Upper

264 100

260 23.9 18.9 28.3

265 22.4 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

