

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
 Data File : BF111137.D
 Acq On : 6 Dec 2018 14:41
 Operator : JU/SJ
 Sample : J6204-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HLSP-SB-2B-(2-9.75)

Quant Time: Dec 06 15:53:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 06 13:41:03 2018
 Response via : Initial Calibration

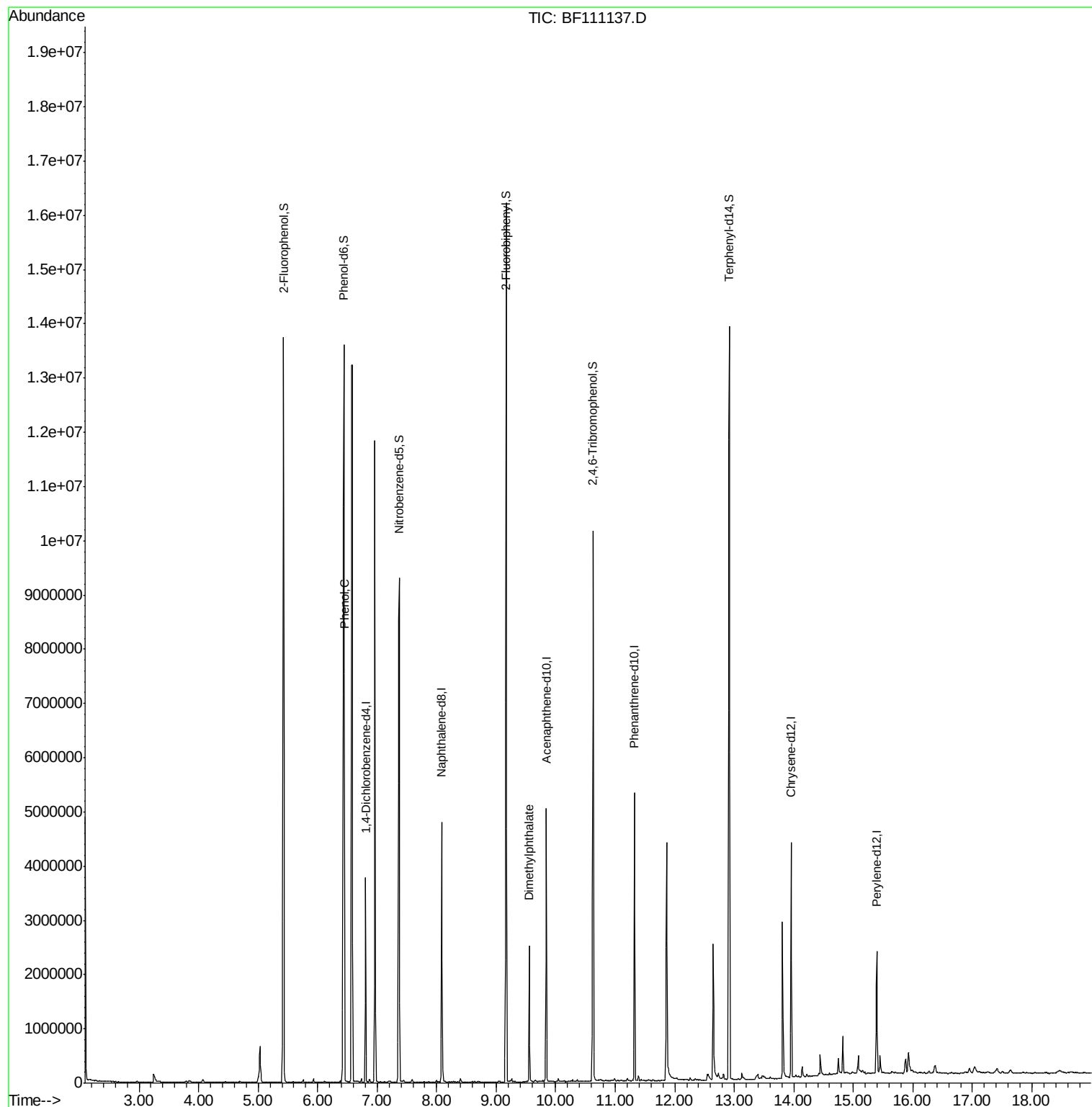
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	493670	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1943242	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	939440	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1696047	20.00	ng	0.00
76) Chrysene-d12	13.96	240	1265497	20.00	ng	-0.01
87) Perylene-d12	15.39	264	962325	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	3894209	123.09	ng	0.01
7) Phenol-d6	6.44	99	4884236	119.85	ng	0.00
23) Nitrobenzene-d5	7.37	82	3166272	96.46	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	1100660	147.39	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	4820223	97.01	ng	0.00
79) Terphenyl-d14	12.92	244	4725254	76.47	ng	0.00
Target Compounds						
10) Phenol	6.45	94	333322	7.501	ng	89
50) Dimethylphthalate	9.56	163	887818	13.579	ng	98

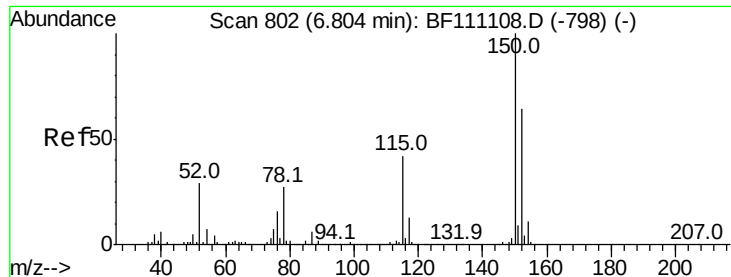
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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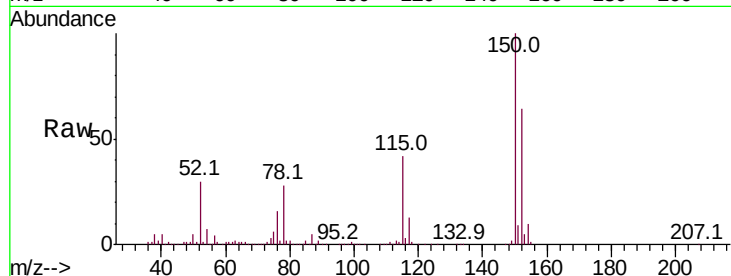


#1

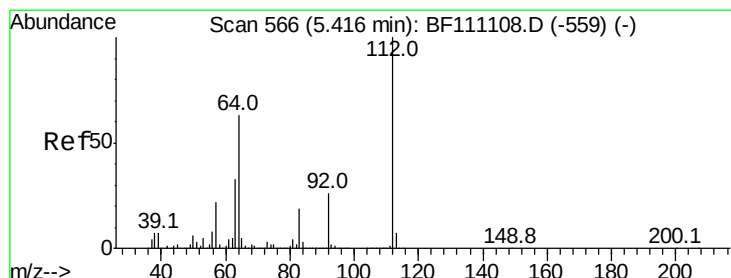
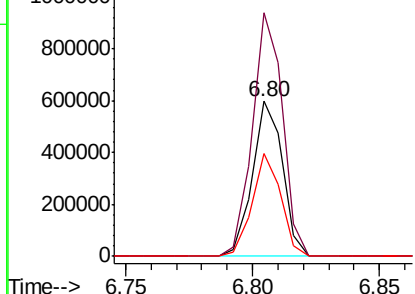
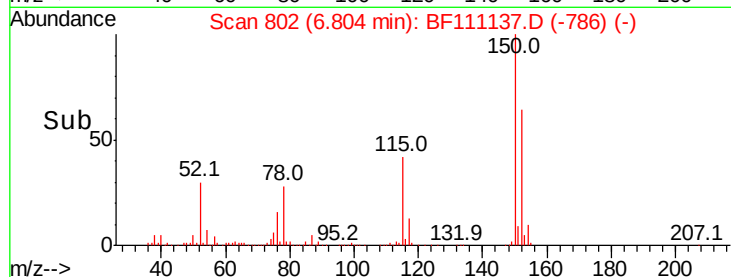
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF111137.D
Acq: 6 Dec 2018 14:41

Instrument :
BNA_F
ClientSampleId :
HLSP-SB-2B-(2-9.75)

Tot Ion:152 Resp: 493670
Ion Ratio Lower Upper
152 100
150 157.2 124.6 187.0
115 66.0 52.2 78.2



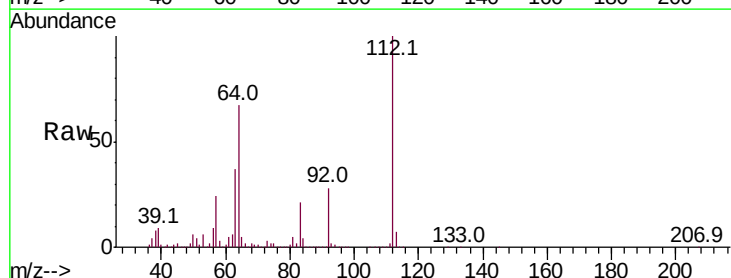
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



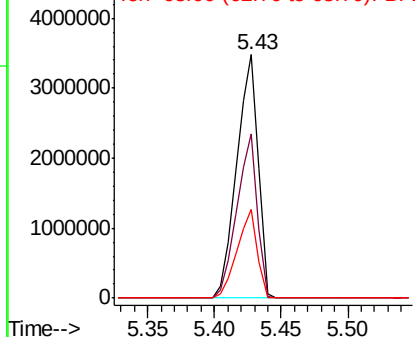
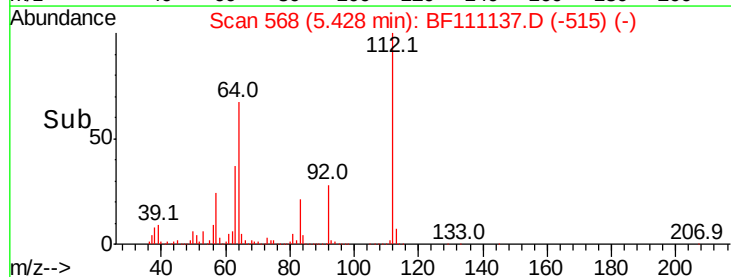
#5

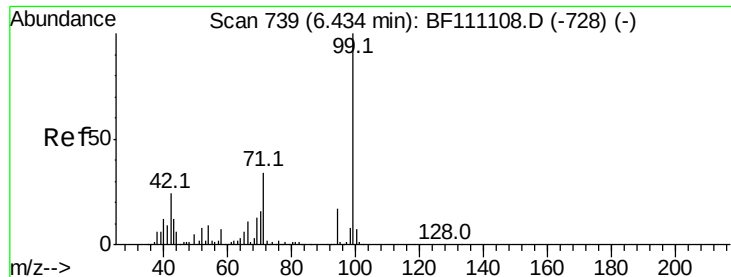
2-Fluorophenol
Concen: 123.093 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF111137.D
Acq: 6 Dec 2018 14:41

Tgt Ion:112 Resp: 3894209
Ion Ratio Lower Upper
112 100
64 67.5 50.2 75.4
63 36.6 26.6 39.8



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: 119.850 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF111137.D

Acq: 6 Dec 2018 14:41

Instrument :

BNA_F

ClientSampleId :

HLSP-SB-2B-(2-9.75)

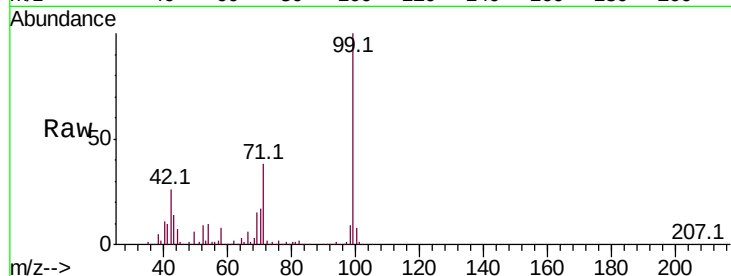
Tot Ion: 99 Resp: 4884236

Ion Ratio Lower Upper

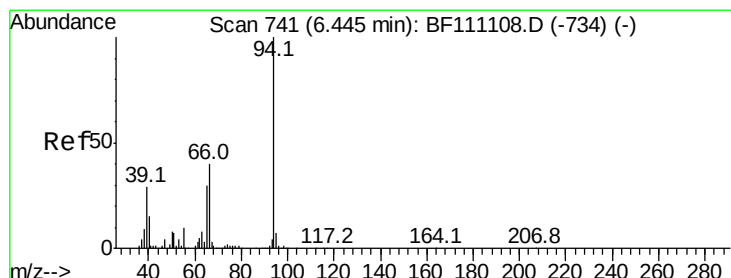
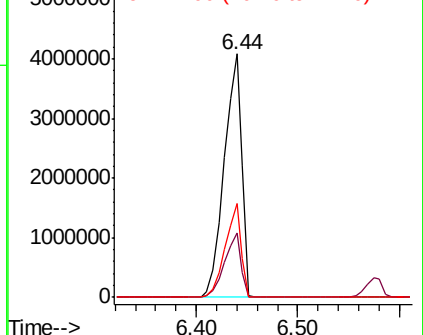
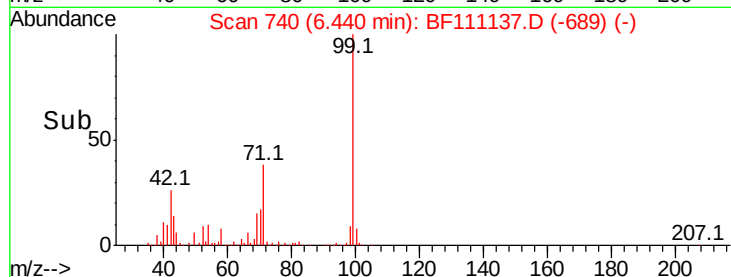
99 100

42 26.4 19.3 28.9

71 38.5 27.4 41.2



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: 7.501 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF111137.D

Acq: 6 Dec 2018 14:41

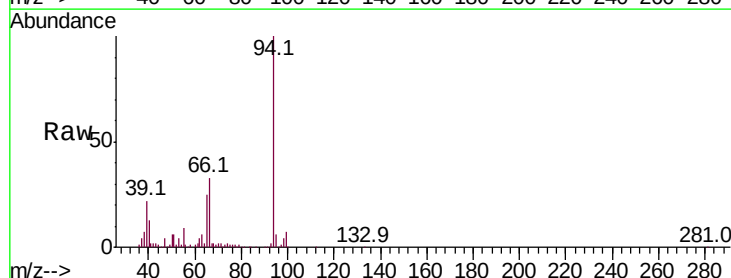
Tgt Ion: 94 Resp: 333322

Ion Ratio Lower Upper

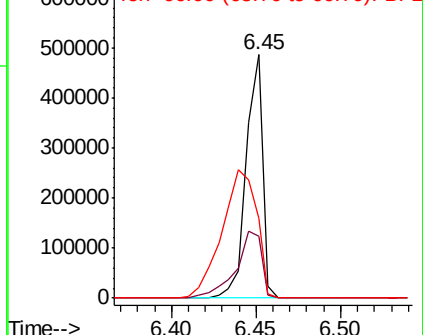
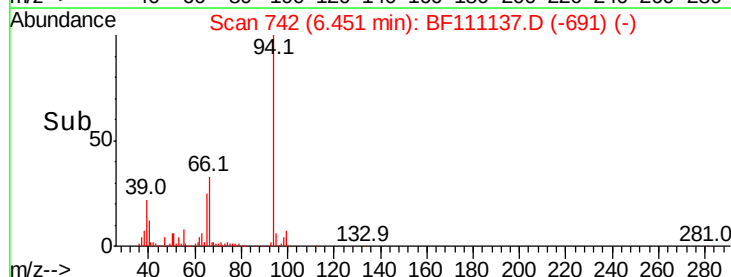
94 100

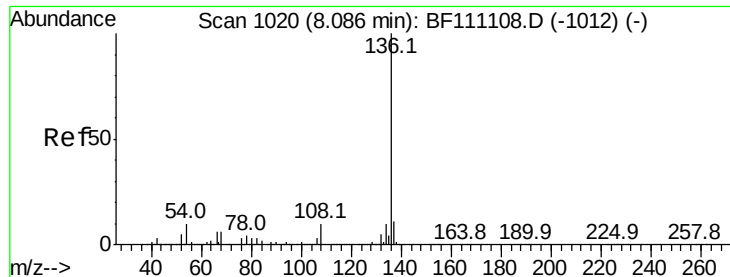
65 25.4 10.5 50.5

66 32.7 19.8 59.8



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: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF111137.D

Acq: 6 Dec 2018 14:41

Instrument :

BNA_F

ClientSampleId :

HLSP-SB-2B-(2-9.75)

Tot Ion:136 Resp: 1943242

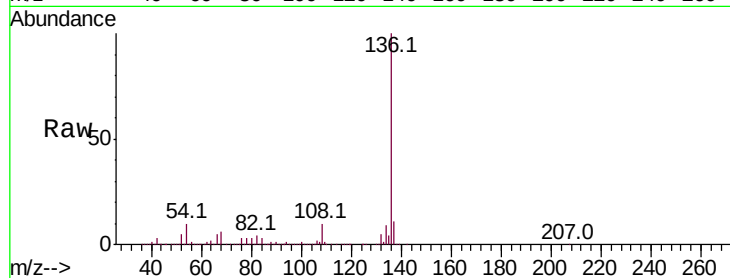
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	10.1	8.4	12.6
68	5.6	5.0	7.4

136 100

137 11.5 9.0 13.6

54 10.1 8.4 12.6

68 5.6 5.0 7.4

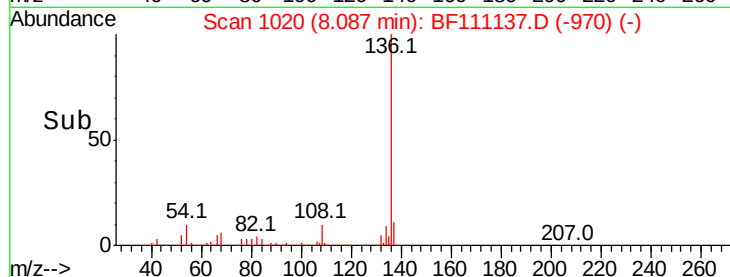


Abundance Ion 136.00 (135.70 to 136.70): E

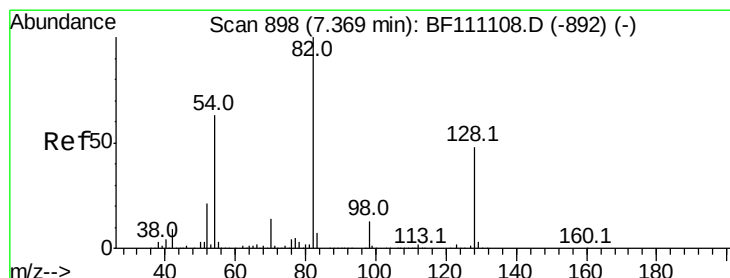
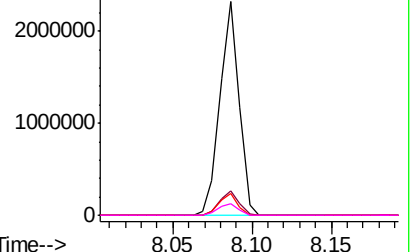
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#23

Nitrobenzene-d5

Concen: 96.465 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF111137.D

Acq: 6 Dec 2018 14:41

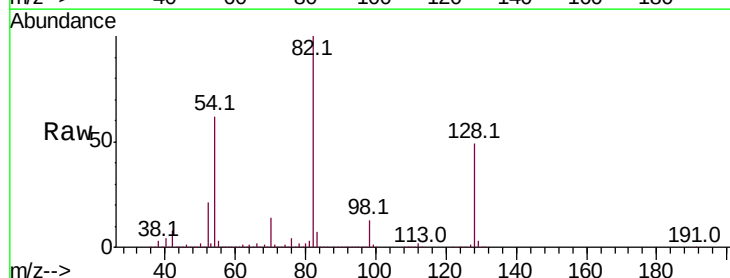
Tgt Ion: 82 Resp: 3166272

Ion	Ratio	Lower	Upper
82	100		
128	49.1	38.1	57.1
54	61.7	50.3	75.5

82 100

128 49.1 38.1 57.1

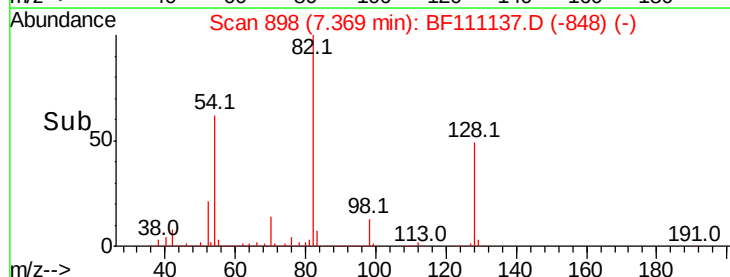
54 61.7 50.3 75.5



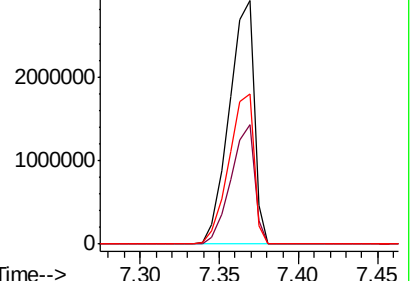
Abundance Ion 82.00 (81.70 to 82.70): BF1

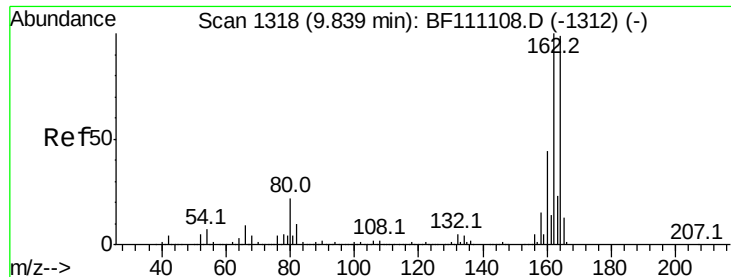
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



Time-->





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF111137.D

Acq: 6 Dec 2018 14:41

Instrument :

BNA_F

ClientSampleId :

HLSP-SB-2B-(2-9.75)

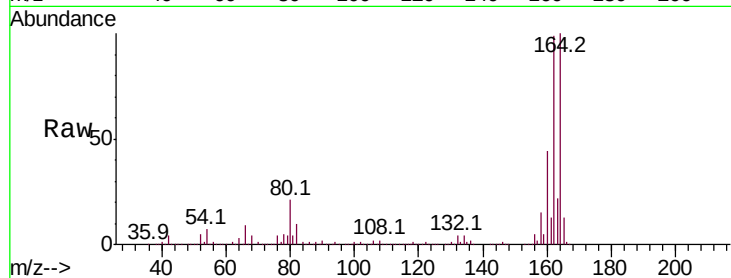
Tot Ion:164 Resp: 939440

Ion Ratio Lower Upper

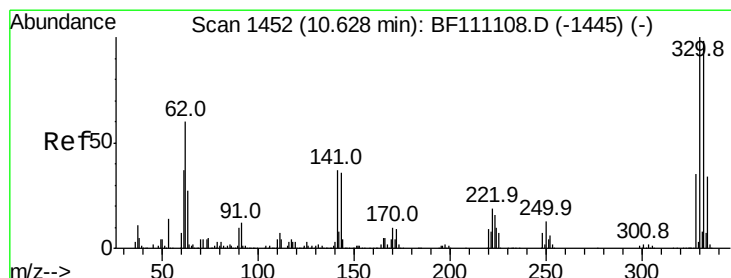
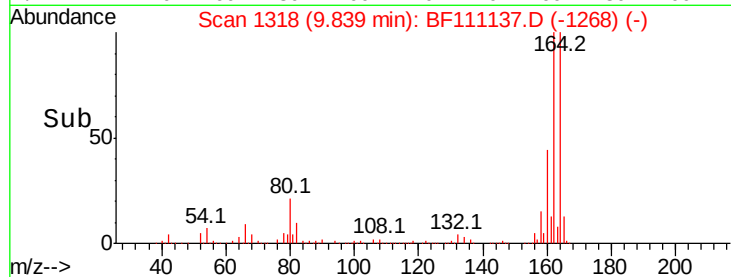
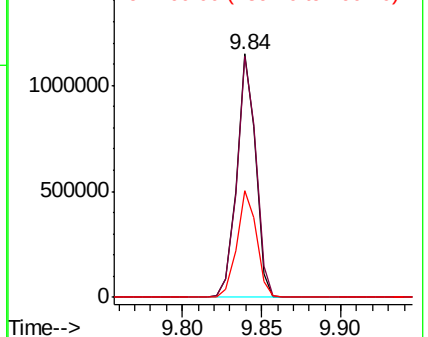
164 100

162 98.8 80.6 120.8

160 43.8 35.5 53.3



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: 147.394 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF111137.D

Acq: 6 Dec 2018 14:41

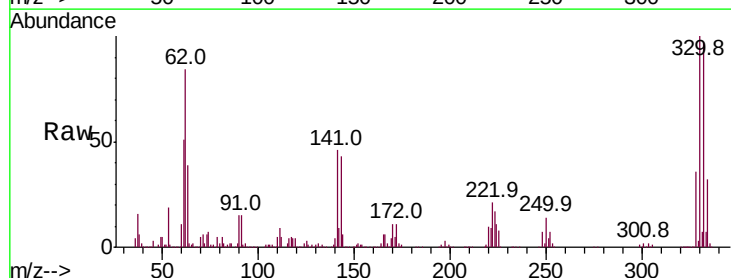
Tgt Ion:330 Resp: 1100660

Ion Ratio Lower Upper

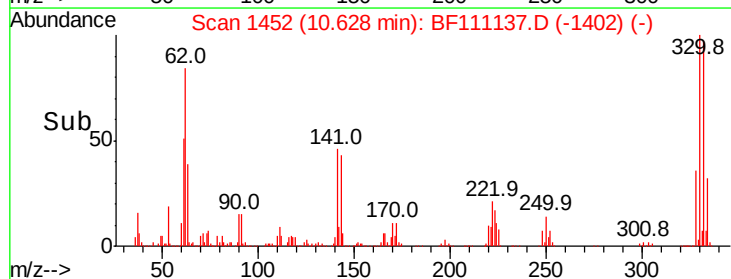
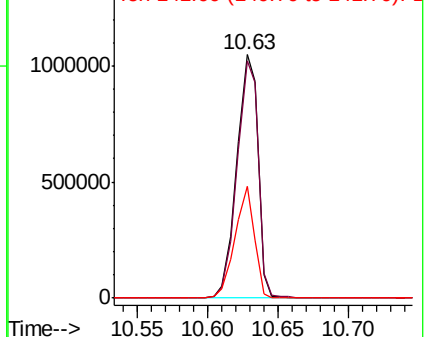
330 100

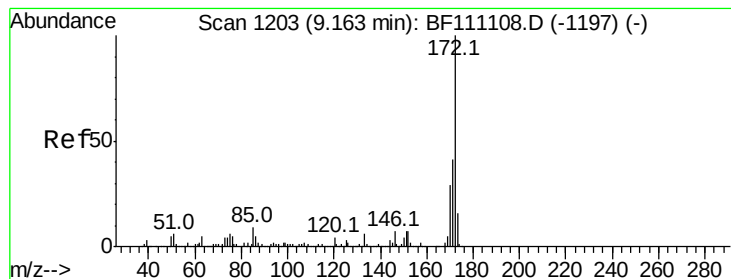
332 97.1 77.2 115.8

141 42.1 36.1 54.1



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: 97.008 ng

RT: 9.17 min Scan# 1204

Delta R.T. 0.00 min

Lab File: BF111137.D

Acq: 6 Dec 2018 14:41

Instrument :

BNA_F

ClientSampleId :

HLSP-SB-2B-(2-9.75)

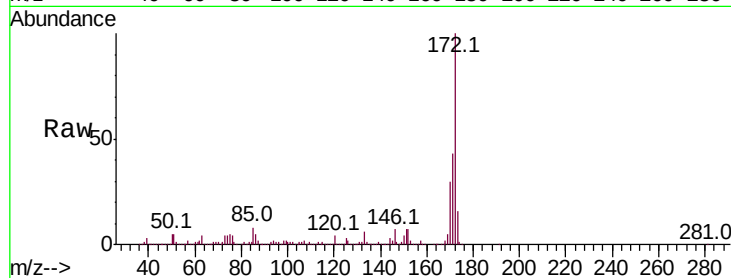
Tot Ion:172 Resp: 4820223

Ion Ratio Lower Upper

172 100

171 42.8 33.2 49.8

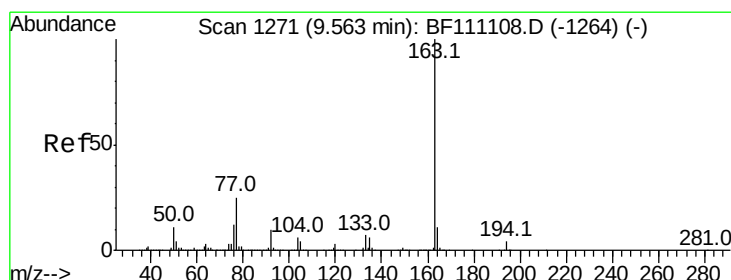
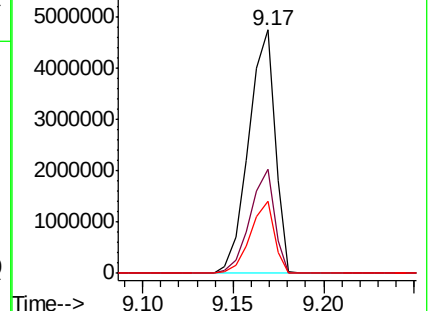
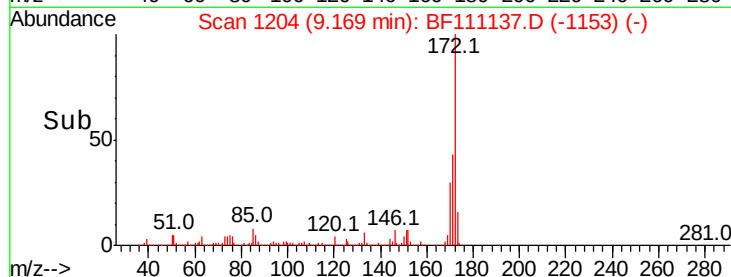
170 29.5 22.9 34.3



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: 13.579 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BF111137.D

Acq: 6 Dec 2018 14:41

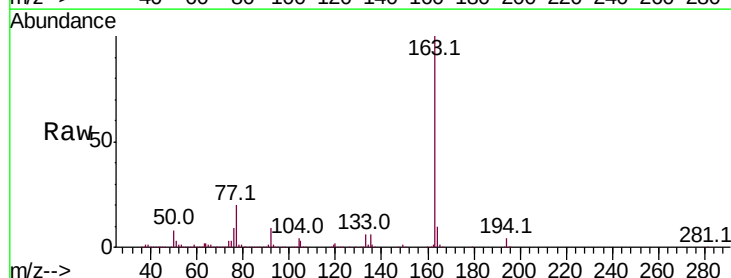
Tgt Ion:163 Resp: 887818

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

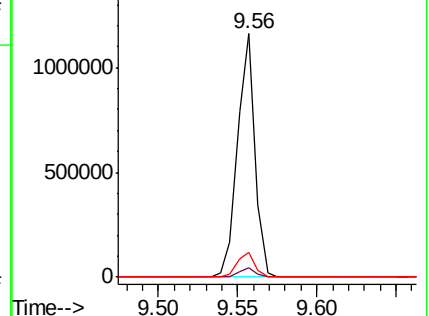
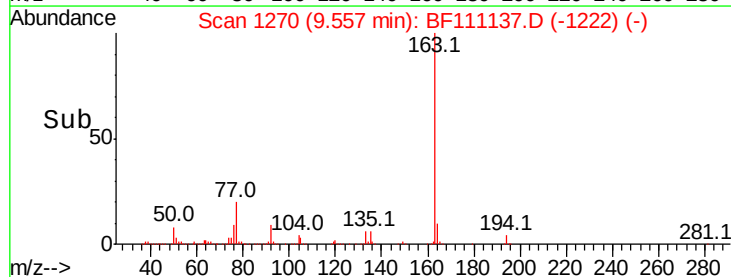
164 10.1 8.9 13.3

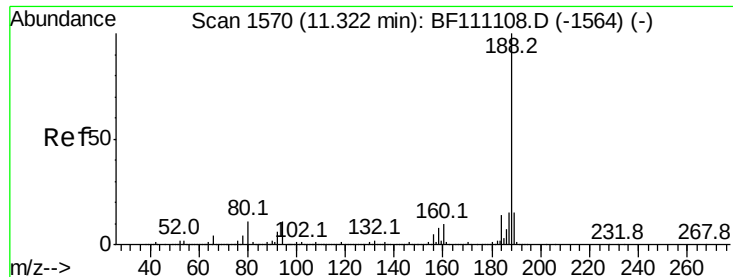


Abundance Ion 163.00 (162.70 to 163.70): E

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: 11.32 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BF111137.D

Acq: 6 Dec 2018 14:41

Instrument :

BNA_F

ClientSampleId :

HLSP-SB-2B-(2-9.75)

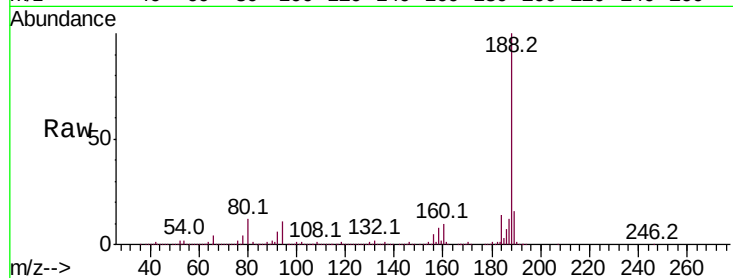
Tot Ion:188 Resp: 1696047

Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.5	12.7
80	11.5	9.0	13.6

188 100

94 11.0 8.5 12.7

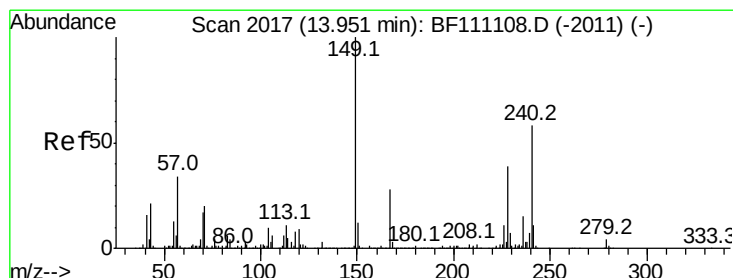
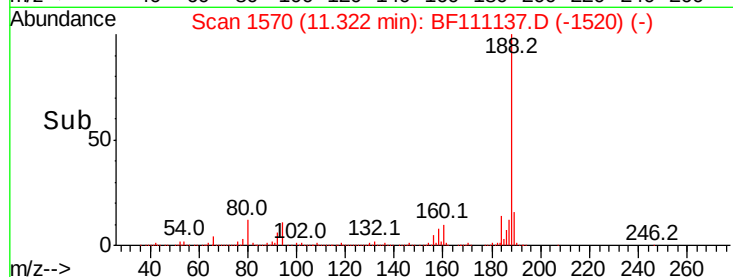
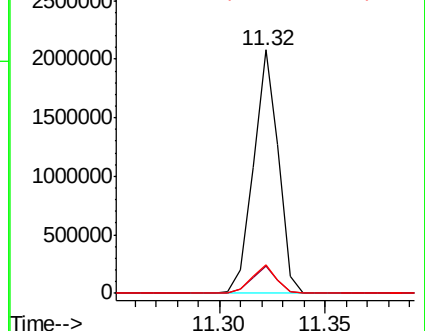
80 11.5 9.0 13.6



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF111137.D

Acq: 6 Dec 2018 14:41

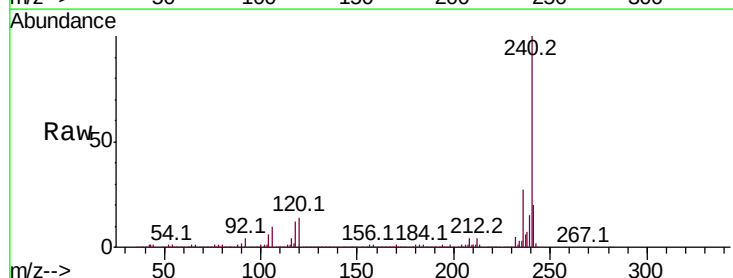
Tgt Ion:240 Resp: 1265497

Ion	Ratio	Lower	Upper
240	100		
120	14.4	12.8	19.2
236	26.6	21.1	31.7

240 100

120 14.4 12.8 19.2

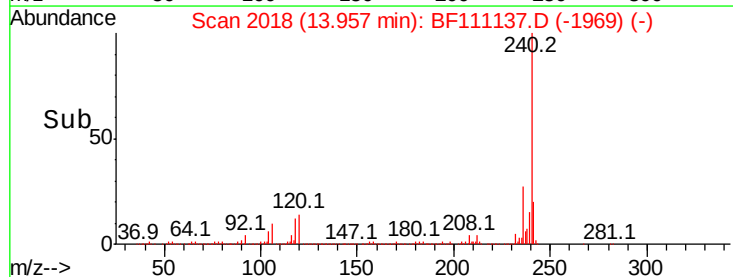
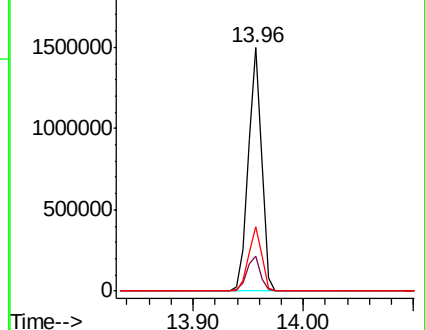
236 26.6 21.1 31.7

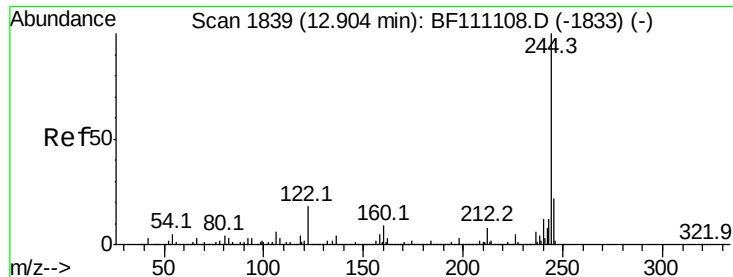


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



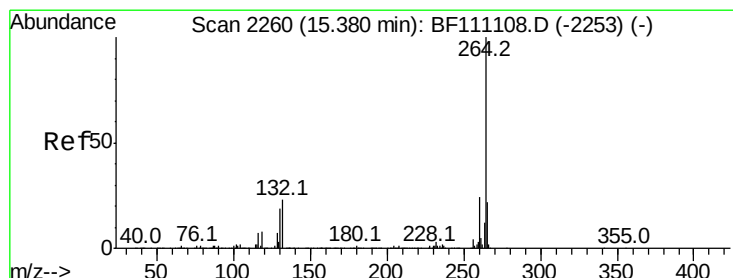
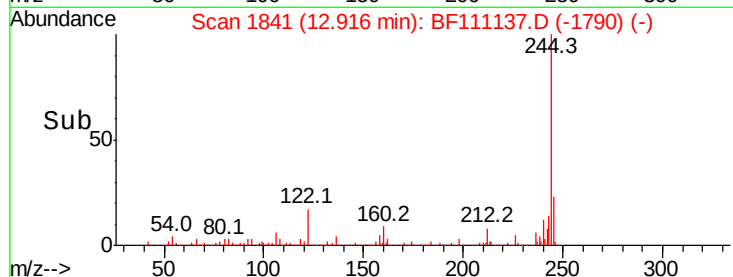
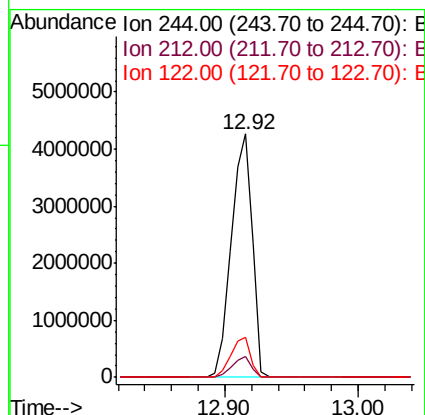
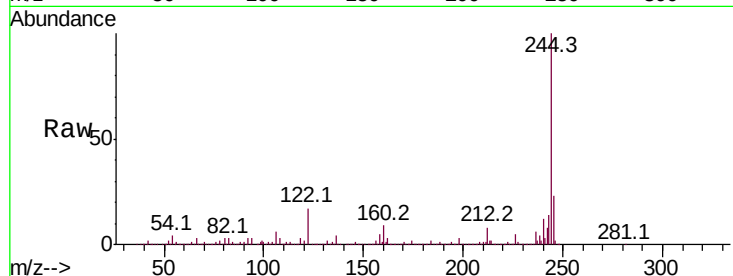


#79
 Terphenyl-d14
 Concen: 76.470 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BF111137.D
 Acq: 6 Dec 2018 14:41

Instrument :
 BNA_F
 ClientSampleId :
 HLSP-SB-2B-(2-9.75)

Tot Ion:244 Resp: 4725254

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.6	9.8
122	16.6	14.2	21.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.39 min Scan# 2262
 Delta R.T. -0.01 min
 Lab File: BF111137.D
 Acq: 6 Dec 2018 14:41

Tgt Ion:264 Resp: 962325

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.0
265	21.2	17.4	26.0

