

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
 Data File : BF111135.D
 Acq On : 6 Dec 2018 13:46
 Operator : JU/SJ
 Sample : J6206-11
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HLSP-SB-6B-(2-5)

Quant Time: Dec 06 14:21:48 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

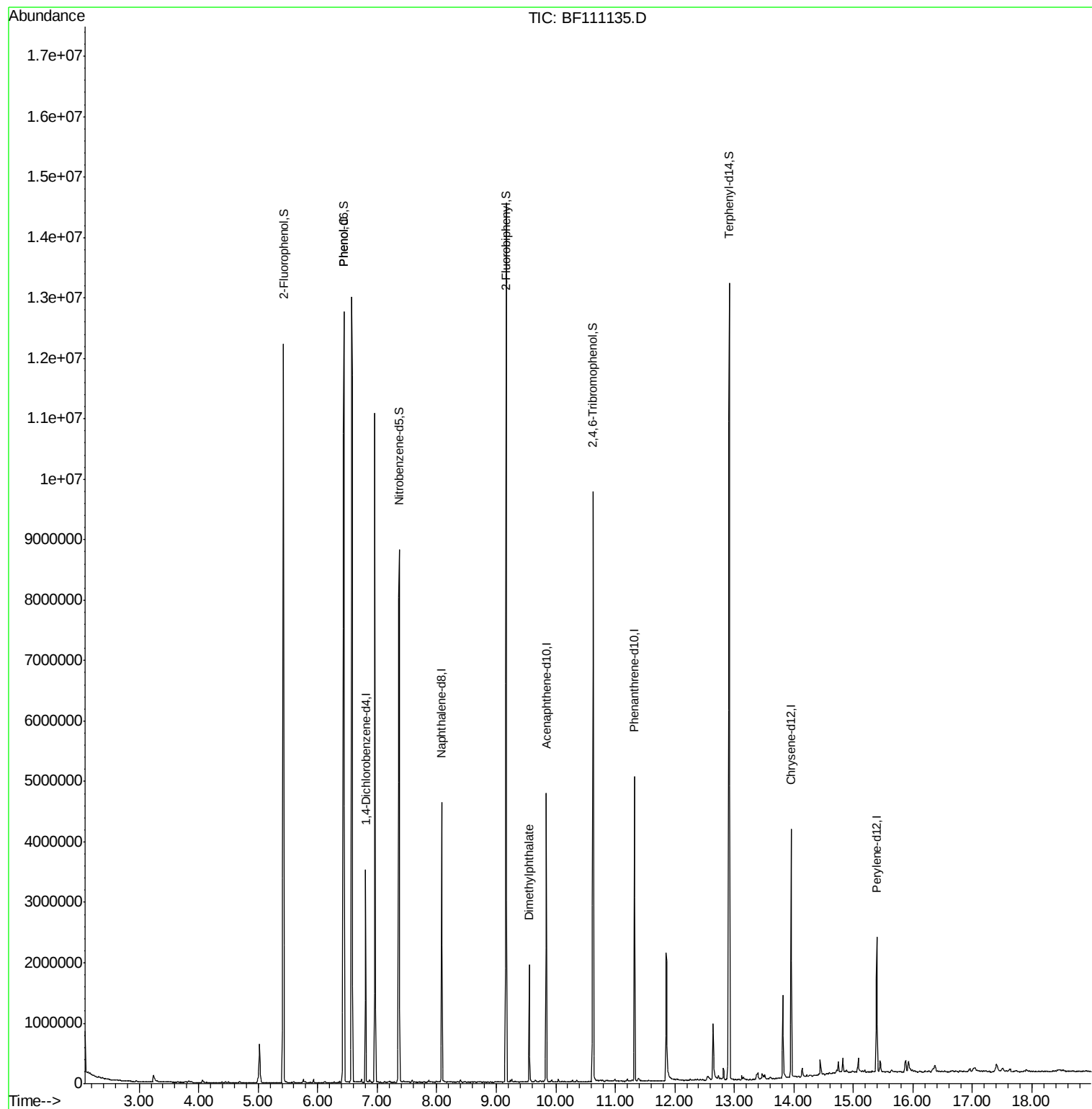
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	465693	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1809576	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	879184	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1591740	20.00	ng	0.00
76) Chrysene-d12	13.96	240	1227789	20.00	ng	-0.01
87) Perylene-d12	15.39	264	936627	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	3501588	117.33	ng	0.01
7) Phenol-d6	6.44	99	4413678	114.81	ng	0.00
23) Nitrobenzene-d5	7.37	82	2908897	95.17	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	1000272	143.13	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	4332289	92.48	ng	0.00
79) Terphenyl-d14	12.92	244	4297516	71.68	ng	0.00
Target Compounds						
10) Phenol	6.45	94	335558	8.005	ng	90
50) Dimethylphthalate	9.56	163	735751	12.024	ng	98

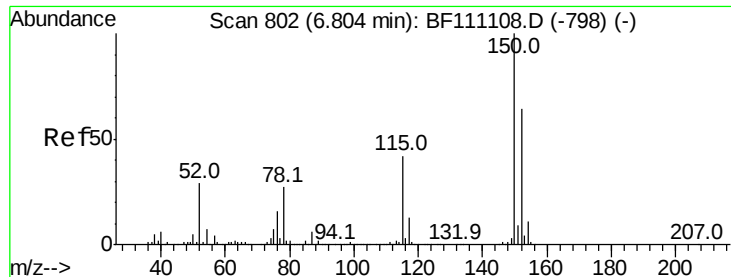
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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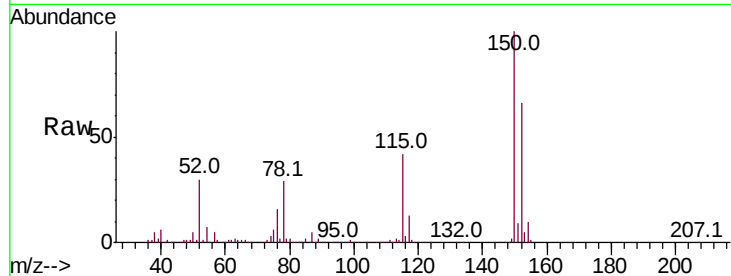


#1

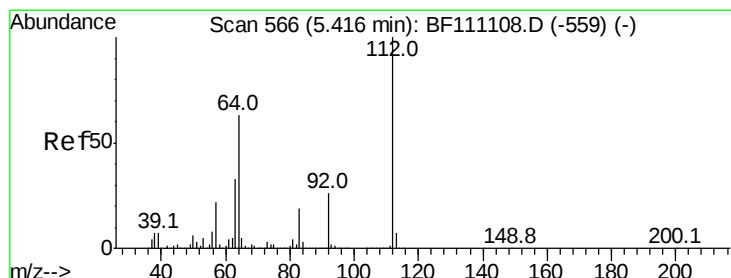
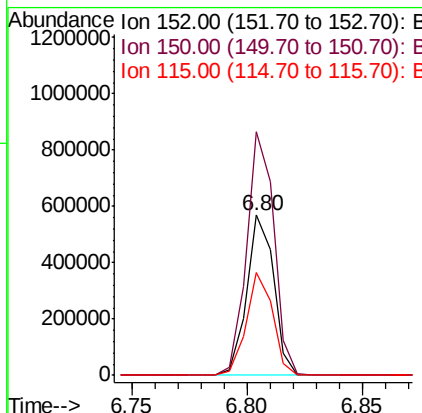
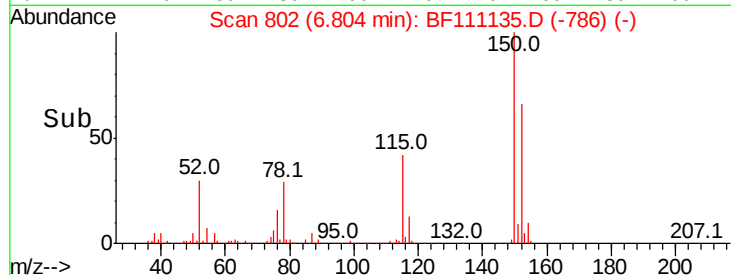
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF111135.D
Acq: 6 Dec 2018 13:46

Instrument :
BNA_F
ClientSampleId :
HLSP-SB-6B-(2-5)

Tot Ion:152 Resp: 465693
Ion Ratio Lower Upper
152 100
150 152.3 124.6 187.0
115 64.6 52.2 78.2



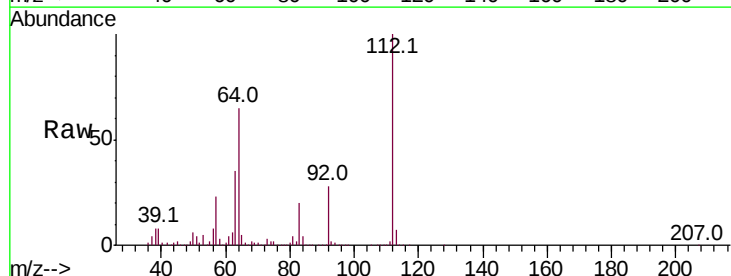
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



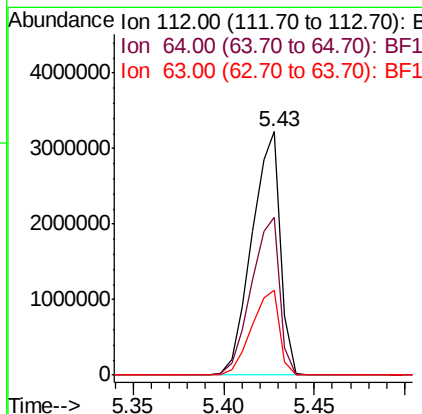
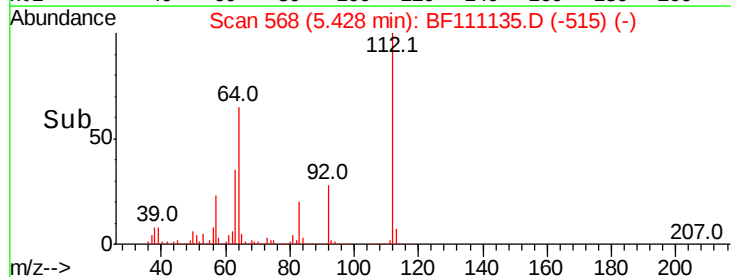
#5

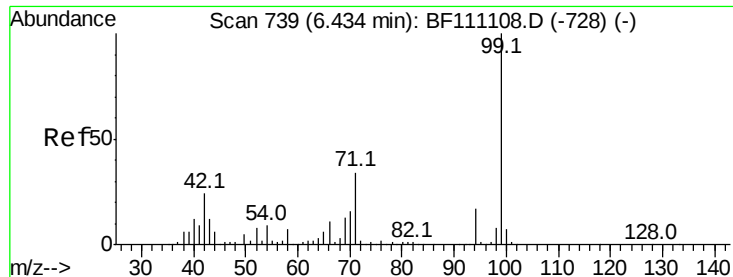
2-Fluorophenol
Concen: 117.332 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF111135.D
Acq: 6 Dec 2018 13:46

Tgt Ion:112 Resp: 3501588
Ion Ratio Lower Upper
112 100
64 64.6 50.2 75.4
63 34.7 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: 114.810 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF111135.D

Acq: 6 Dec 2018 13:46

Instrument :

BNA_F

ClientSampleId :

HLSP-SB-6B-(2-5)

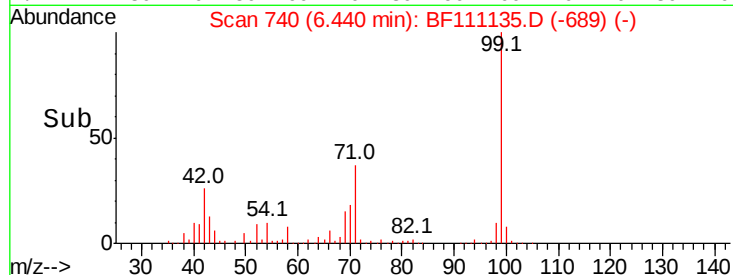
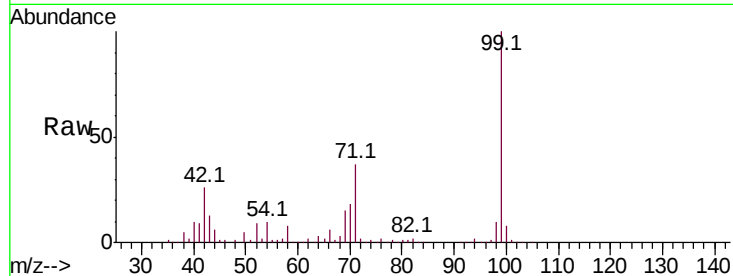
Tot Ion: 99 Resp: 4413678

Ion Ratio Lower Upper

99 100

42 25.8 19.3 28.9

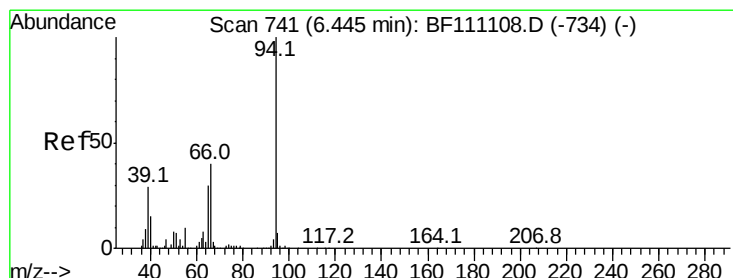
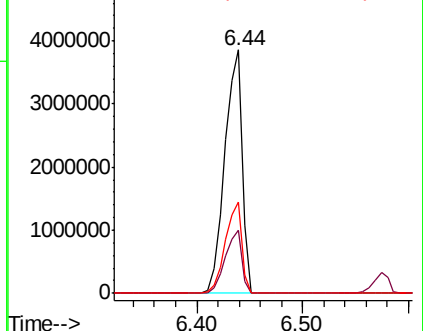
71 37.4 27.4 41.2



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: 8.005 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF111135.D

Acq: 6 Dec 2018 13:46

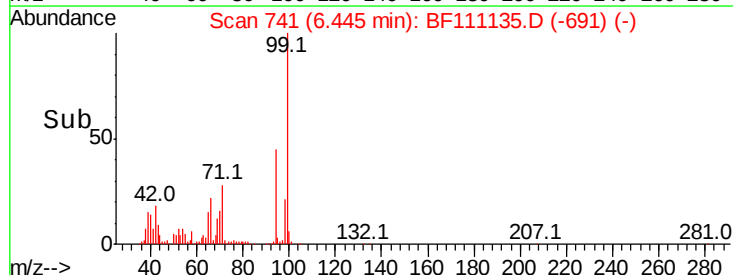
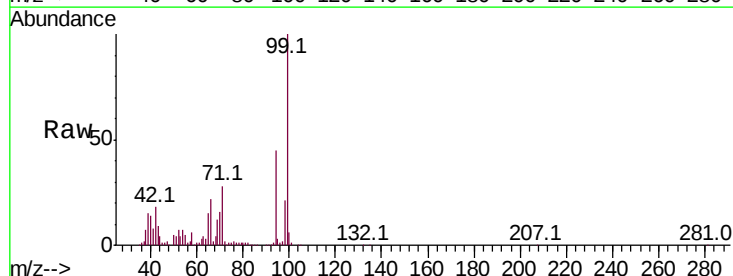
Tgt Ion: 94 Resp: 335558

Ion Ratio Lower Upper

94 100

65 32.6 10.5 50.5

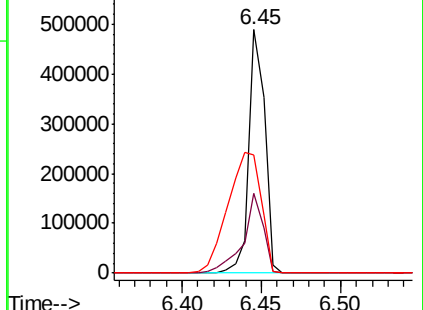
66 48.5 19.8 59.8

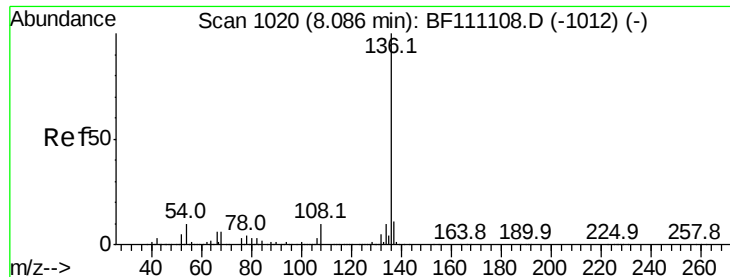


Abundance Ion 94.00 (93.70 to 94.70): BF1

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: BF111135.D

Acq: 6 Dec 2018 13:46

Instrument :

BNA_F

ClientSampleId :

HLSP-SB-6B-(2-5)

Tot Ion:136 Resp: 1809576

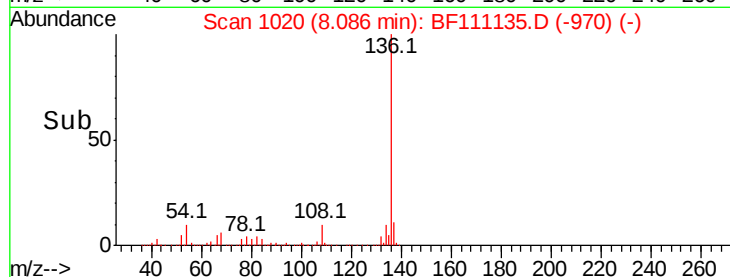
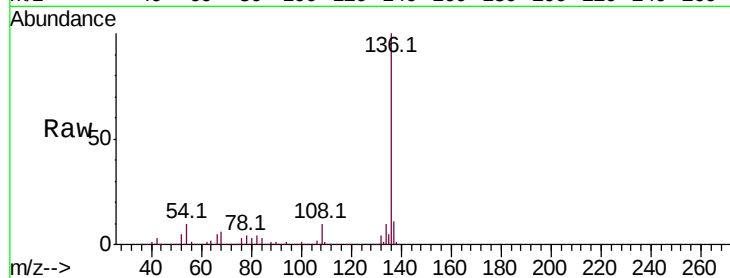
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.6

54 9.9 8.4 12.6

68 5.9 5.0 7.4

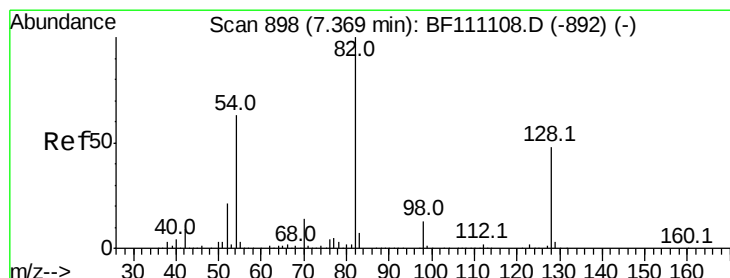
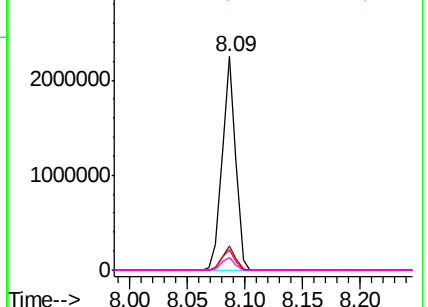


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 95.170 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF111135.D

Acq: 6 Dec 2018 13:46

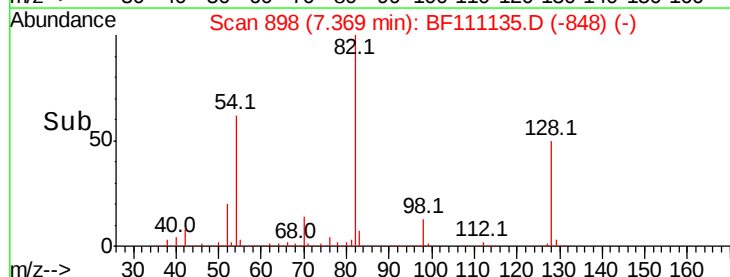
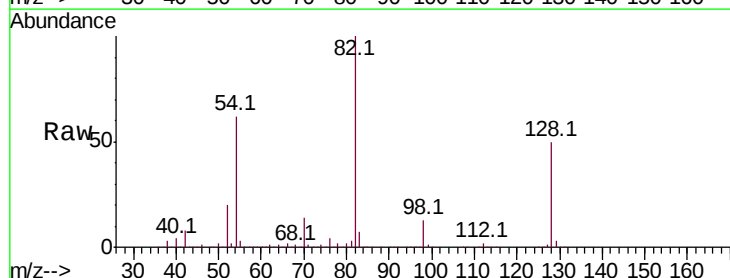
Tgt Ion: 82 Resp: 2908897

Ion Ratio Lower Upper

82 100

128 50.0 38.1 57.1

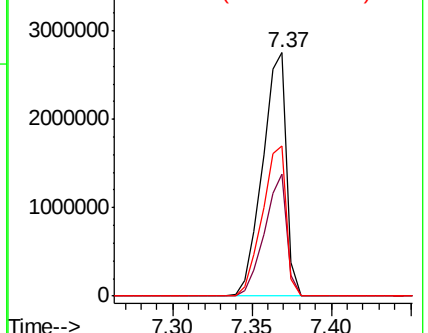
54 61.6 50.3 75.5

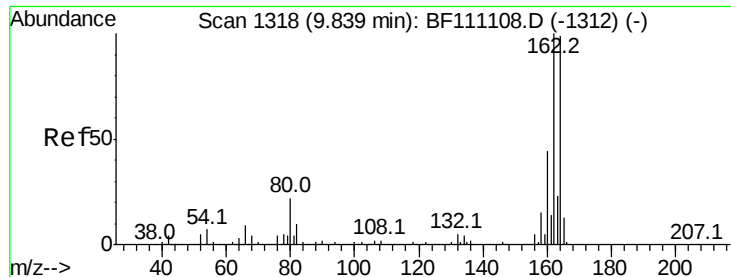


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

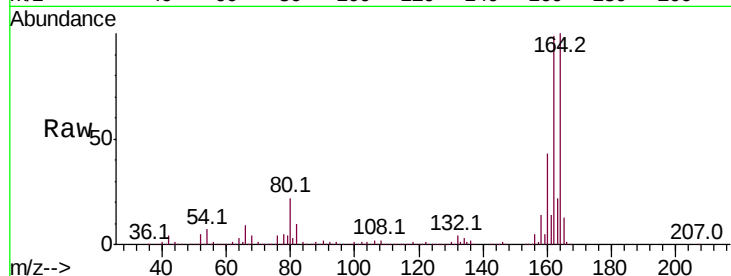




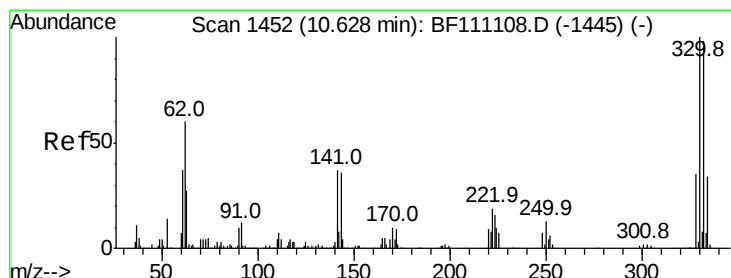
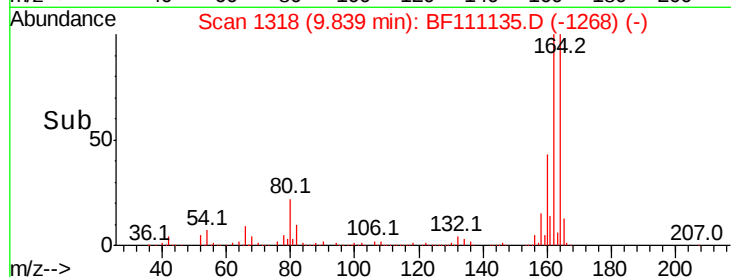
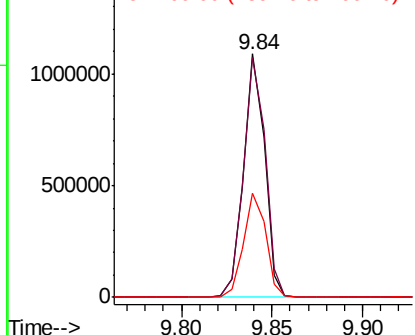
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF111135.D
Acq: 6 Dec 2018 13:46

Instrument :
BNA_F
ClientSampleId :
HLSP-SB-6B-(2-5)

Tot Ion:164 Resp: 879184
Ion Ratio Lower Upper
164 100
162 98.6 80.6 120.8
160 42.7 35.5 53.3

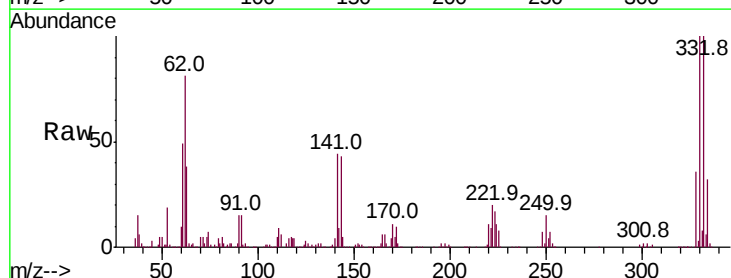


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

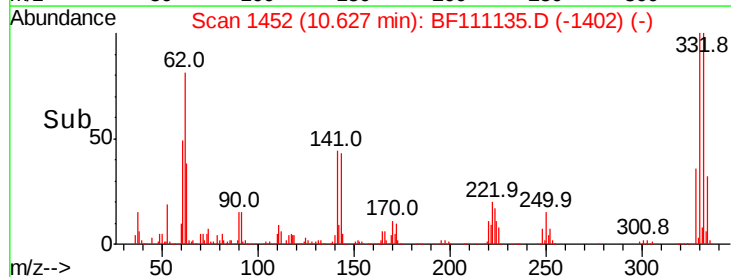
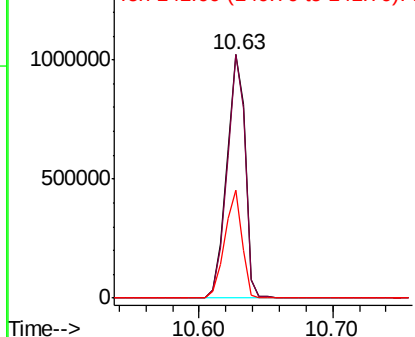


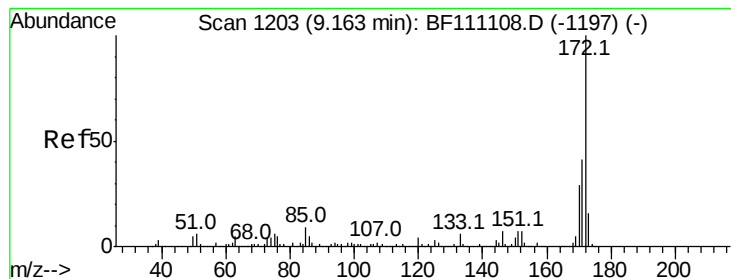
#42
2,4,6-Tribromophenol
Concen: 143.131 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF111135.D
Acq: 6 Dec 2018 13:46

Tgt Ion:330 Resp: 1000272
Ion Ratio Lower Upper
330 100
332 98.1 77.2 115.8
141 41.9 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: 92.478 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.00 min

Lab File: BF111135.D

Acq: 6 Dec 2018 13:46

Instrument :

BNA_F

ClientSampleId :

HLSP-SB-6B-(2-5)

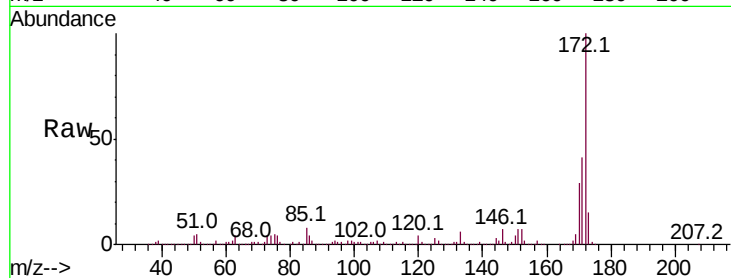
Tot Ion:172 Resp: 4332289

Ion Ratio Lower Upper

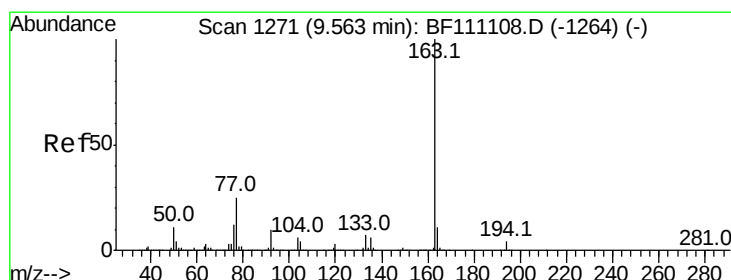
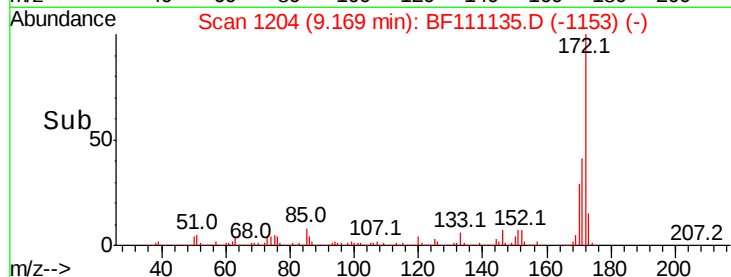
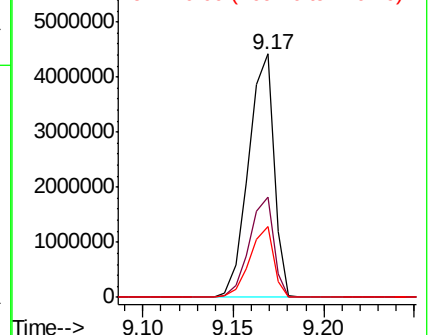
172 100

171 41.3 33.2 49.8

170 29.1 22.9 34.3



Abundance Ion 172.00 (171.70 to 172.70): E
6000000
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



#50

Dimethylphthalate

Concen: 12.024 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BF111135.D

Acq: 6 Dec 2018 13:46

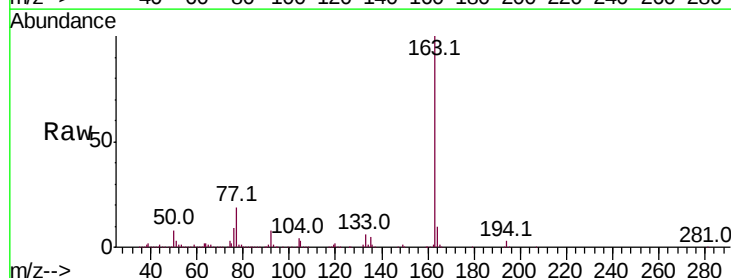
Tgt Ion:163 Resp: 735751

Ion Ratio Lower Upper

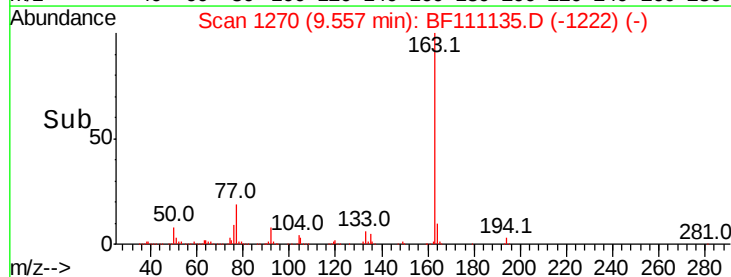
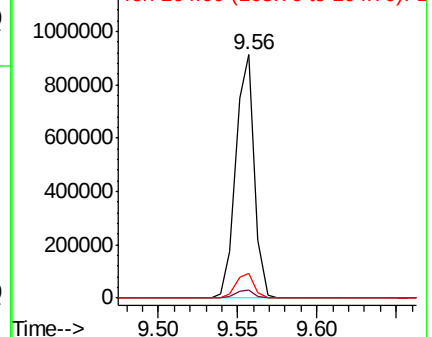
163 100

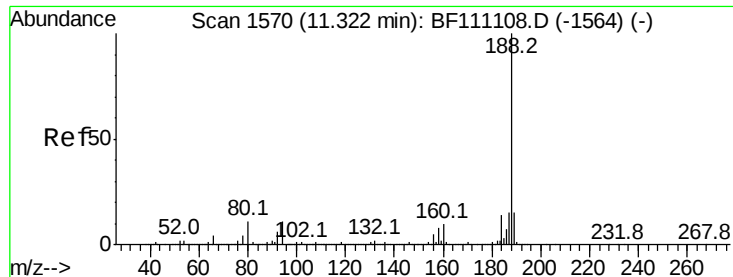
194 3.4 3.0 4.4

164 10.2 8.9 13.3



Abundance Ion 163.00 (162.70 to 163.70): E
1200000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

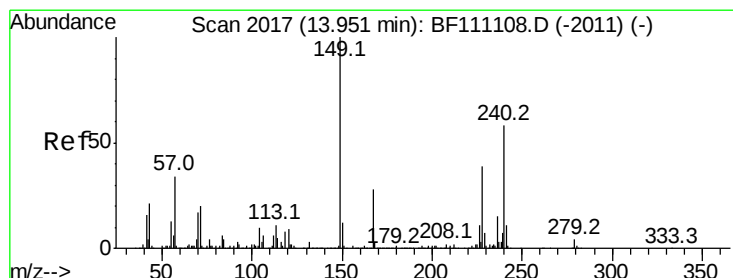
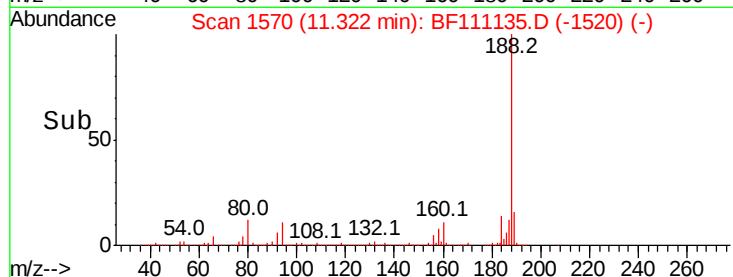
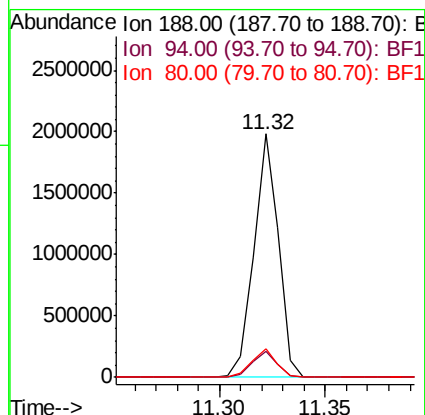
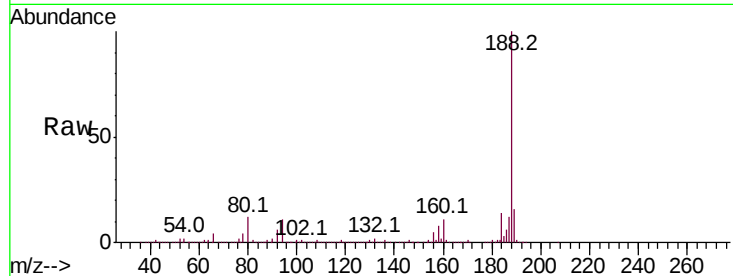




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF111135.D
Acq: 6 Dec 2018 13:46

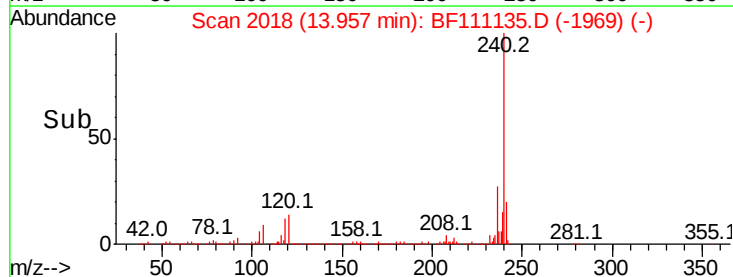
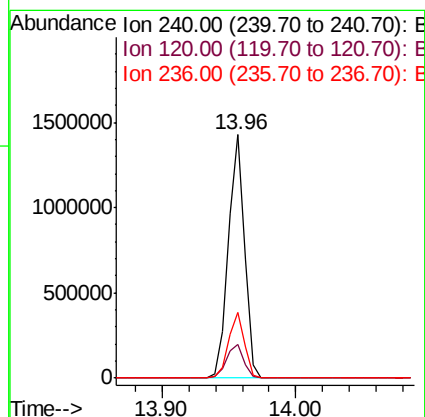
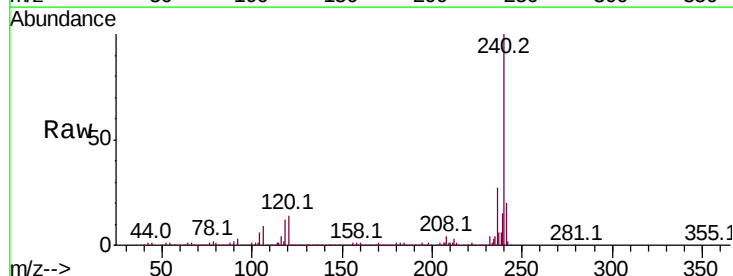
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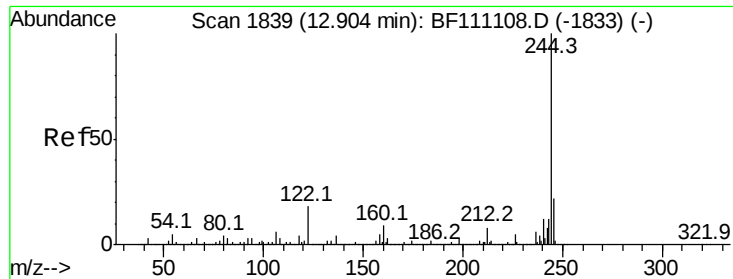
Tot Ion:188 Resp: 1591740
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 11.9 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF111135.D
Acq: 6 Dec 2018 13:46

Tgt Ion:240 Resp: 1227789
Ion Ratio Lower Upper
240 100
120 13.6 12.8 19.2
236 27.0 21.1 31.7

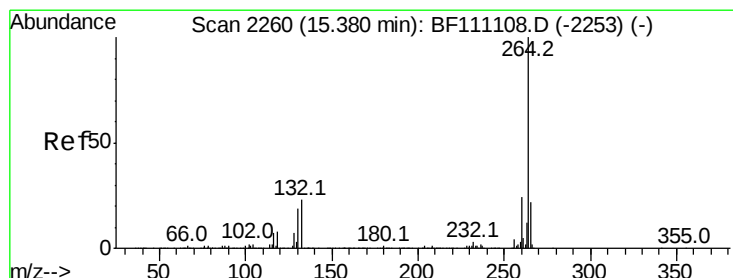
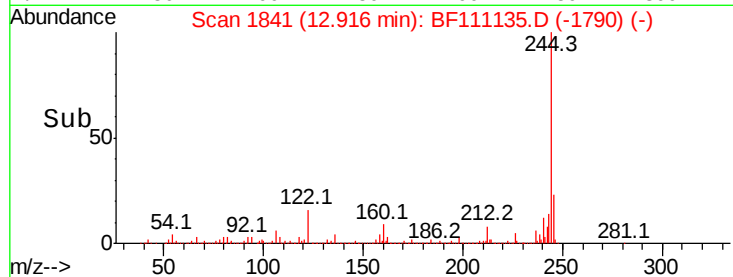
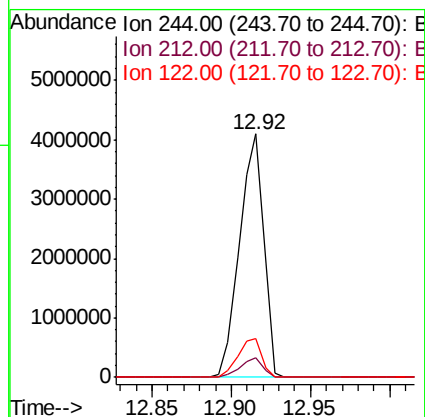
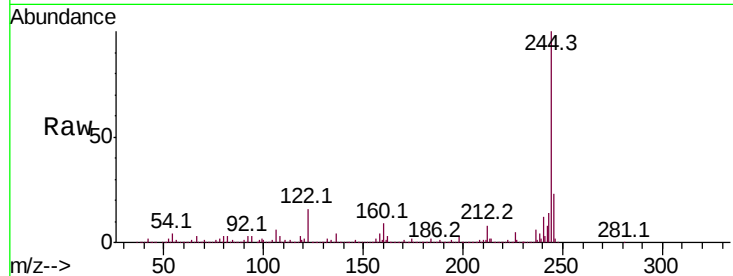




#79
 Terphenyl-d14
 Concen: 71.684 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BF111135.D
 Acq: 6 Dec 2018 13:46

Instrument :
 BNA_F
 ClientSampleId :
 HLSP-SB-6B-(2-5)

Tot Ion:244 Resp: 4297516
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.6 9.8
 122 16.1 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: BF111135.D
 Acq: 6 Dec 2018 13:46

Tgt Ion:264 Resp: 936627
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.4 29.0
 265 21.3 17.4 26.0

