

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
 Data File : BF111642.D
 Acq On : 20 Dec 2018 16:51
 Operator : JU/SJ
 Sample : J6445-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EB05_12-14

Quant Time: Dec 21 06:40:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

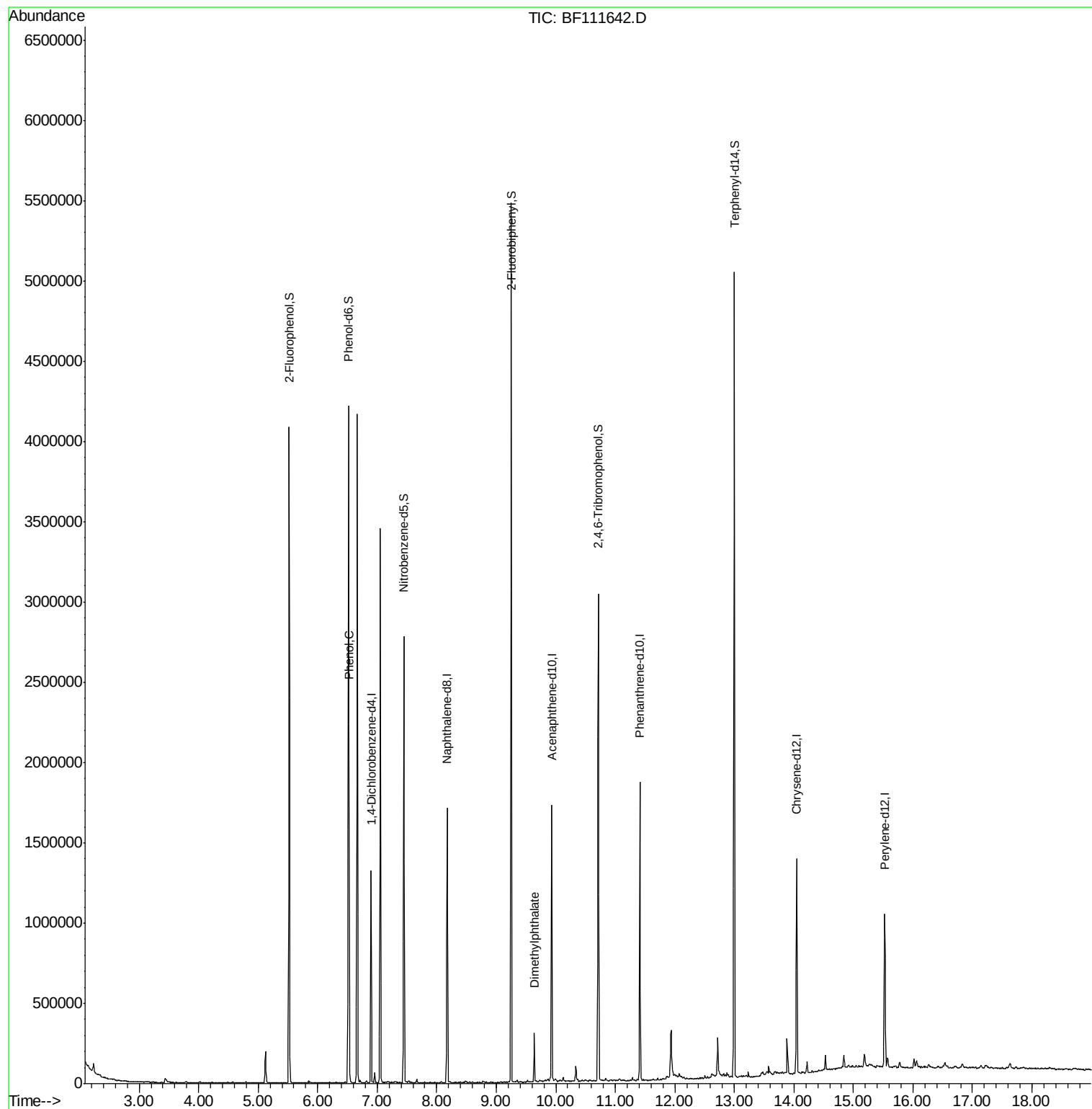
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	190795	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	706151	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	349896	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	658823	20.00	ng	0.00
76) Chrysene-d12	14.04	240	453344	20.00	ng	0.00
87) Perylene-d12	15.53	264	448806	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1044460	93.31	ng	0.00
7) Phenol-d6	6.52	99	1351933	94.90	ng	0.00
23) Nitrobenzene-d5	7.45	82	837059	69.00	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	348794	84.37	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1624338	67.67	ng	0.00
79) Terphenyl-d14	13.00	244	1623413	67.91	ng	0.00
Target Compounds						
10) Phenol	6.53	94	82145	5.111	ng	95
50) Dimethylphthalate	9.64	163	107252	4.192	ng	97

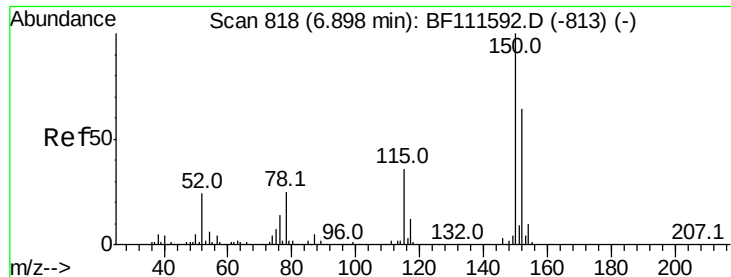
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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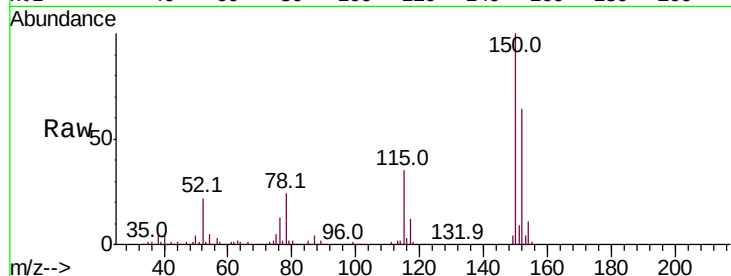


#1

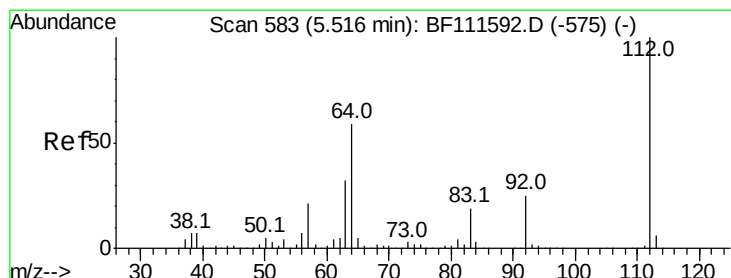
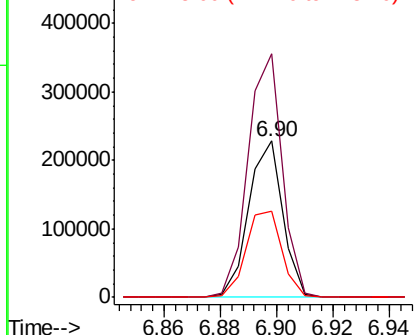
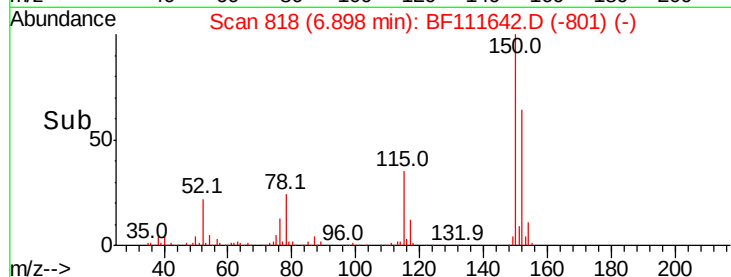
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111642.D
Acq: 20 Dec 2018 16:51

Instrument :
BNA_F
ClientSampleId :
EB05_12-14

Tot Ion:152 Resp: 190795
Ion Ratio Lower Upper
152 100
150 155.6 126.6 189.8
115 55.1 50.7 76.1



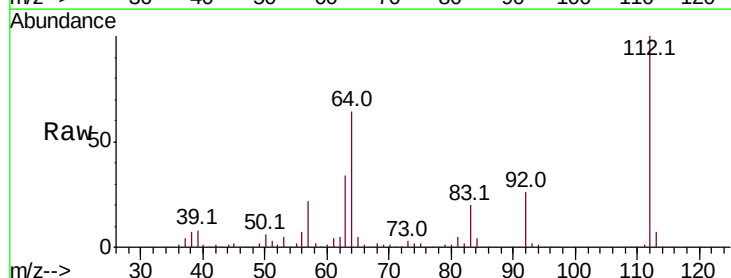
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



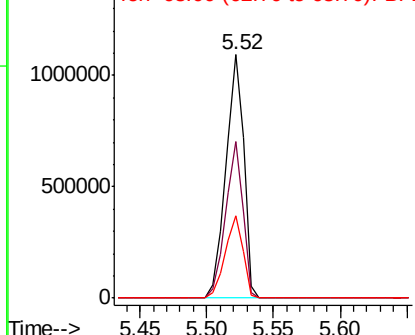
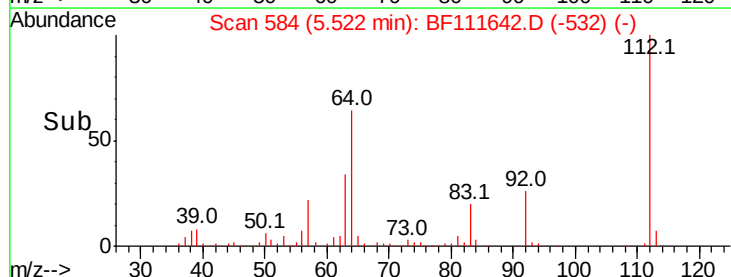
#5

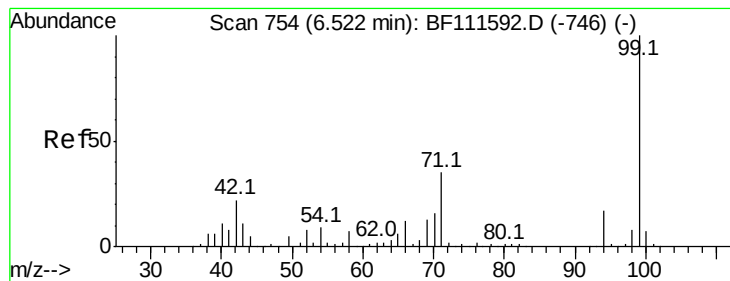
2-Fluorophenol
Concen: 93.310 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF111642.D
Acq: 20 Dec 2018 16:51

Tgt Ion:112 Resp: 1044460
Ion Ratio Lower Upper
112 100
64 64.3 51.8 77.6
63 34.0 26.8 40.2



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: 94.904 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF111642.D

Acq: 20 Dec 2018 16:51

Instrument :

BNA_F

ClientSampleId :

EB05_12-14

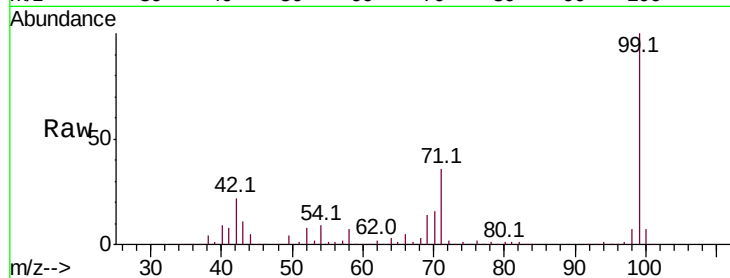
Tot Ion: 99 Resp: 1351933

Ion	Ratio	Lower	Upper
99	100		
42	22.5	17.4	26.0
71	36.2	26.1	39.1

99 100

42 22.5 17.4 26.0

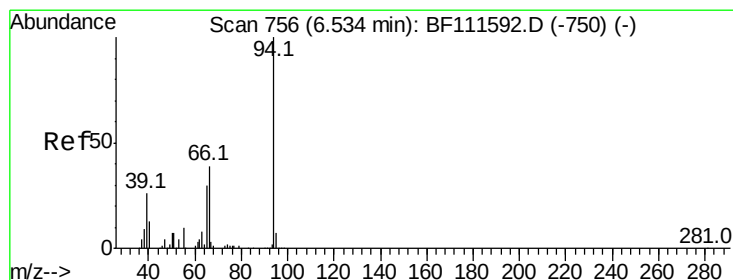
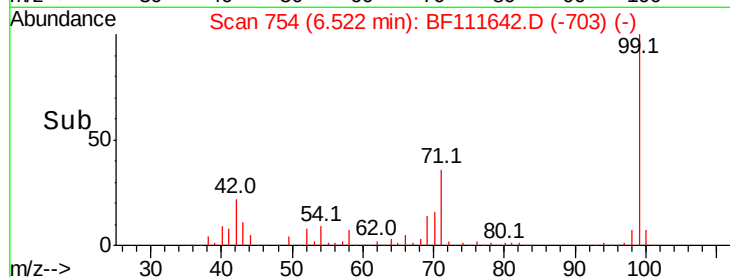
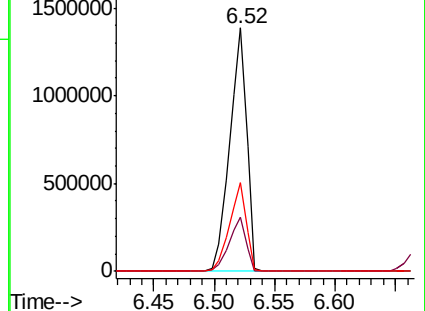
71 36.2 26.1 39.1



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: 5.111 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF111642.D

Acq: 20 Dec 2018 16:51

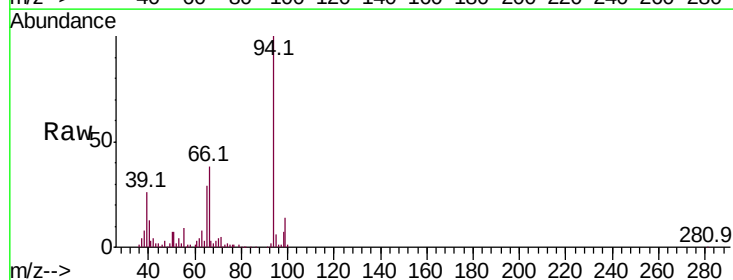
Tgt Ion: 94 Resp: 82145

Ion	Ratio	Lower	Upper
94	100		
65	29.2	11.7	51.7
66	37.7	21.0	61.0

94 100

65 29.2 11.7 51.7

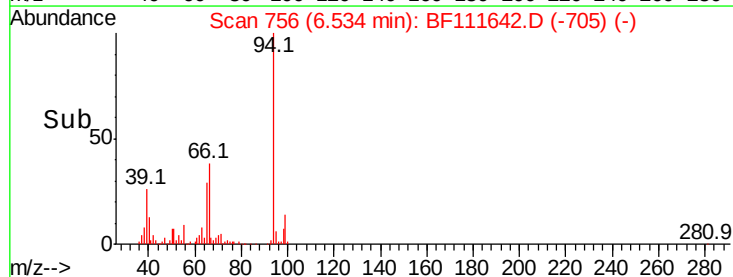
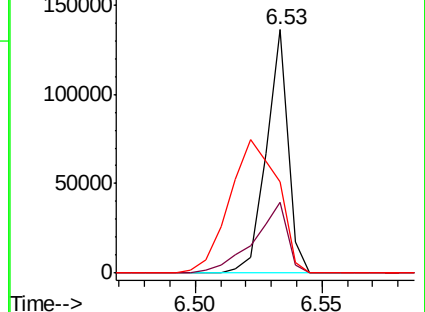
66 37.7 21.0 61.0

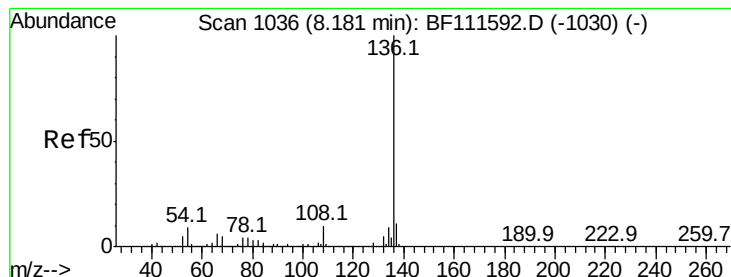


Abundance Ion 94.00 (93.70 to 94.70): BF1

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: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF111642.D

Acq: 20 Dec 2018 16:51

Instrument :

BNA_F

ClientSampleId :

EB05_12-14

Tot Ion:136 Resp: 706151

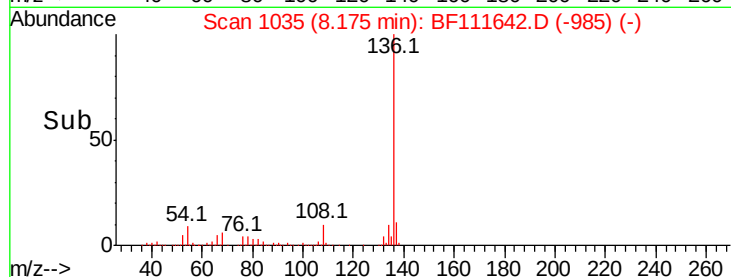
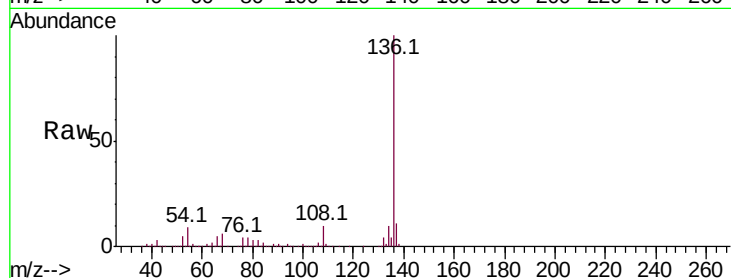
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 9.2 7.7 11.5

68 5.9 4.9 7.3

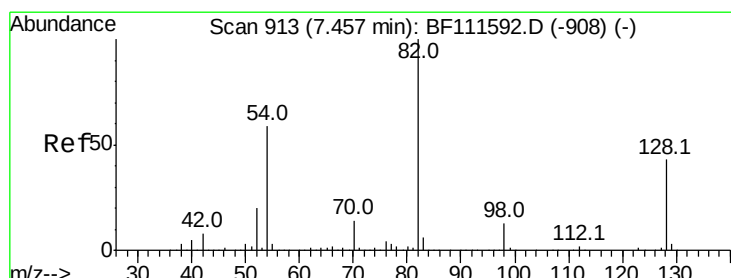
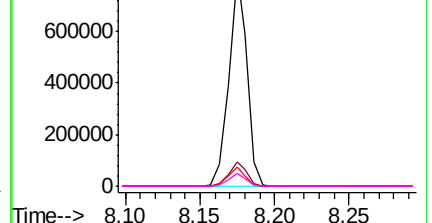


Abundance Ion 136.00 (135.70 to 136.70): E

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: 68.998 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF111642.D

Acq: 20 Dec 2018 16:51

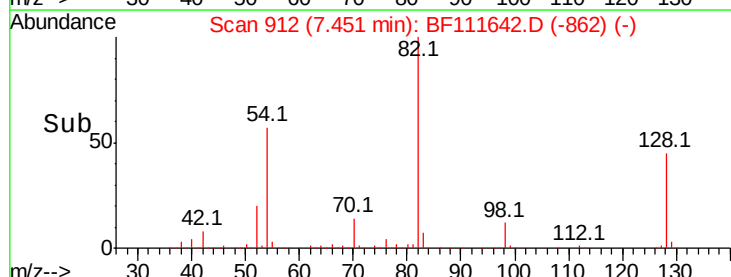
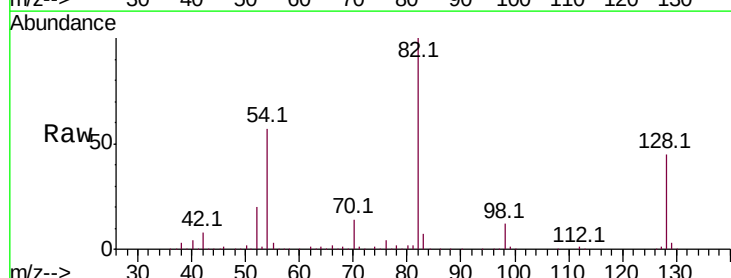
Tgt Ion: 82 Resp: 837059

Ion Ratio Lower Upper

82 100

128 44.8 37.4 56.2

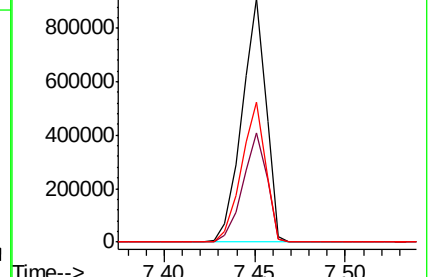
54 57.3 47.6 71.4

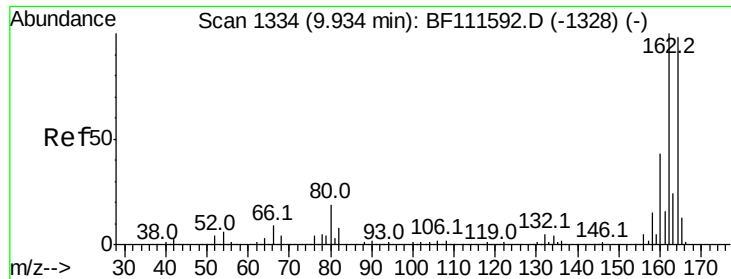


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

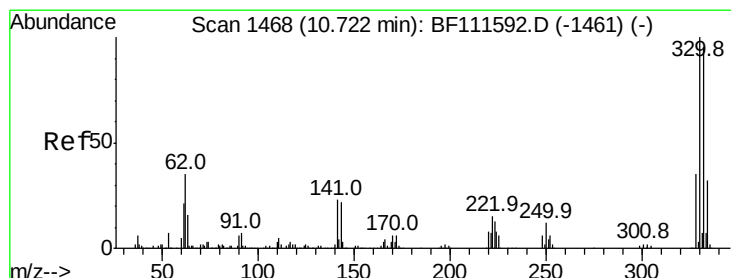
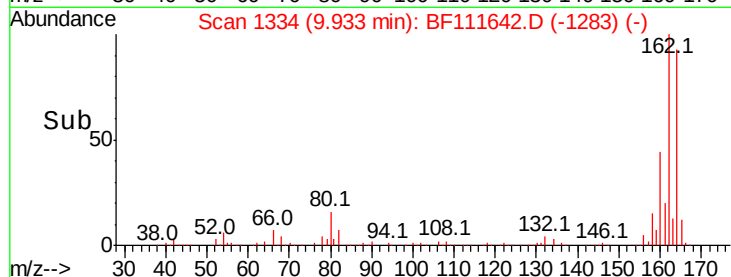
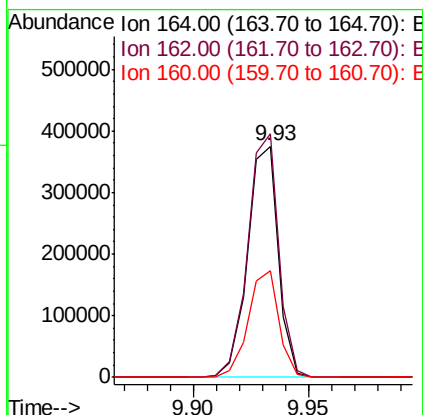
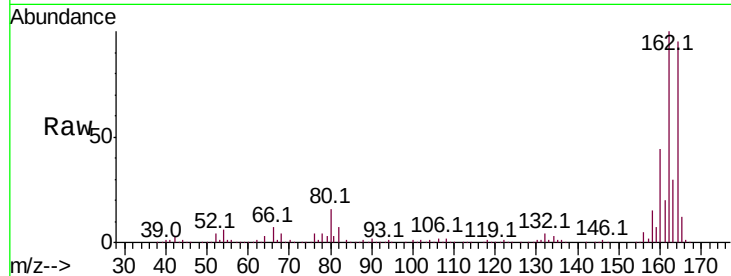




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF111642.D
 Acq: 20 Dec 2018 16:51

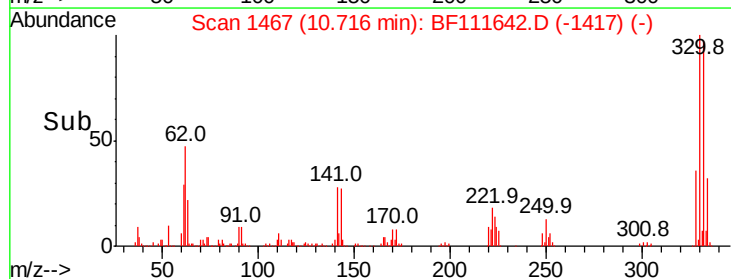
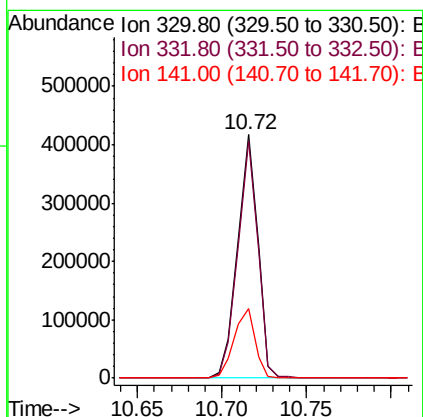
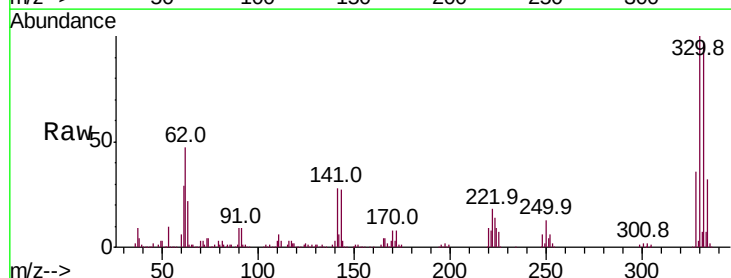
Instrument :
 BNA_F
 ClientSampleId :
 EB05_12-14

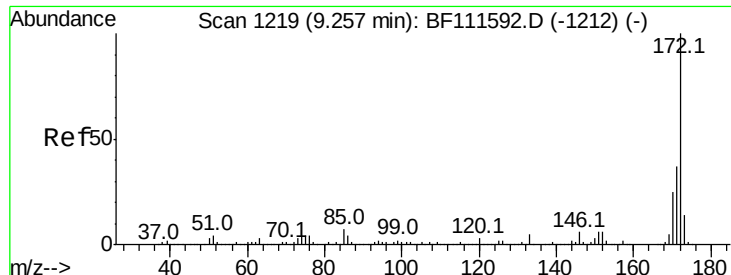
Tot Ion	Ratio	Lower	Upper
164	100		
162	105.4	81.4	122.0
160	46.0	35.7	53.5



#42
 2,4,6-Tribromophenol
 Concen: 84.366 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF111642.D
 Acq: 20 Dec 2018 16:51

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.0	114.0
141	29.6	31.0	46.6#



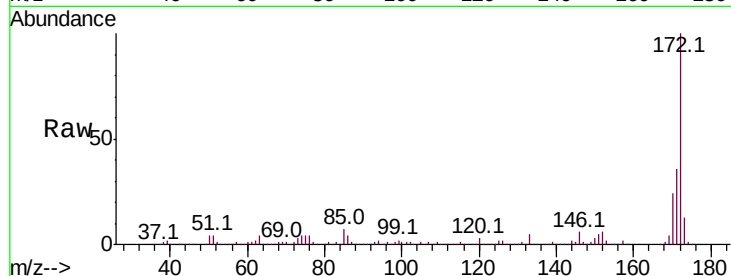


#45
 2-Fluorobiphenyl
 Concen: 67.666 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF111642.D
 Acq: 20 Dec 2018 16:51

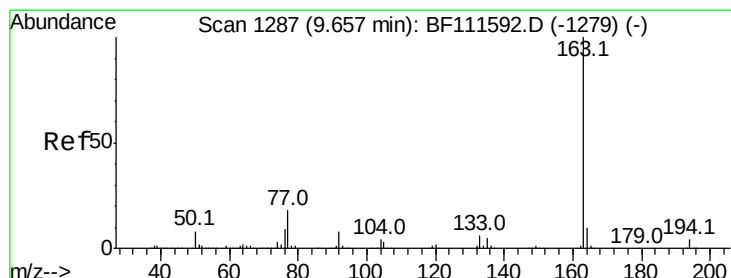
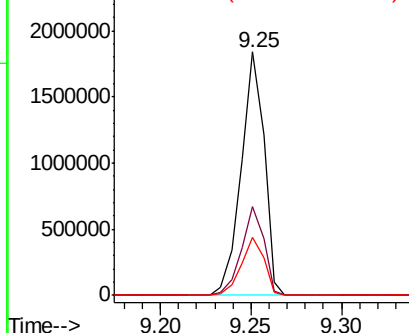
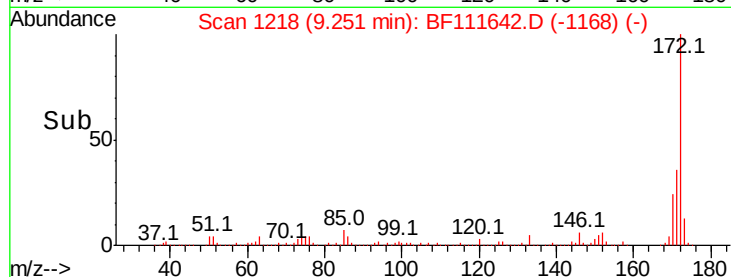
Instrument :
 BNA_F
 ClientSampleId :
 EB05_12-14

Tot Ion:172 Resp: 1624338

Ion	Ratio	Lower	Upper
172	100		
171	36.4	33.0	49.4
170	24.0	22.3	33.5



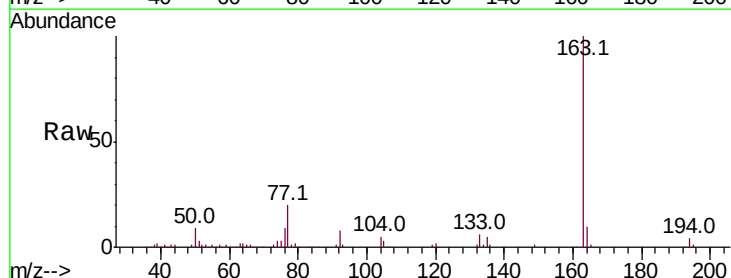
Abundance Ion 172.00 (171.70 to 172.70): E
 2500000
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



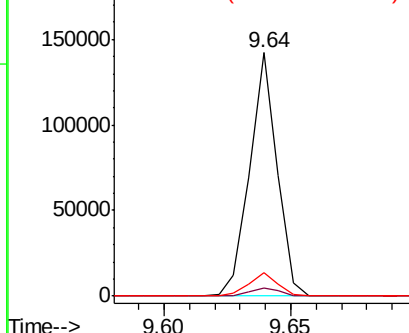
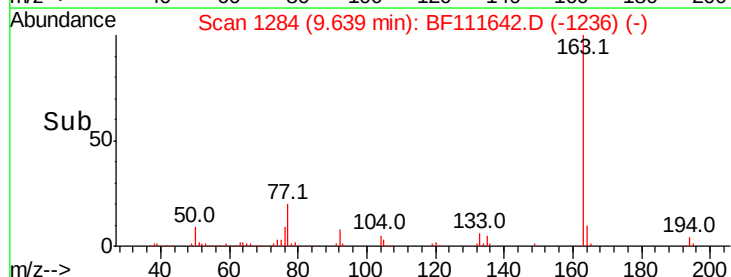
#50
 Dimethylphthalate
 Concen: 4.192 ng
 RT: 9.64 min Scan# 1284
 Delta R.T. -0.02 min
 Lab File: BF111642.D
 Acq: 20 Dec 2018 16:51

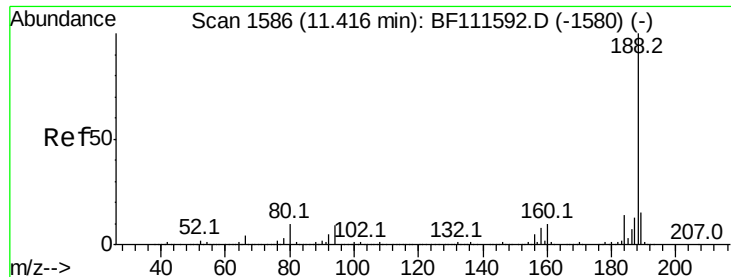
Tgt Ion:163 Resp: 107252

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.6
164	9.5	8.9	13.3



Abundance Ion 163.00 (162.70 to 163.70): E
 150000
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

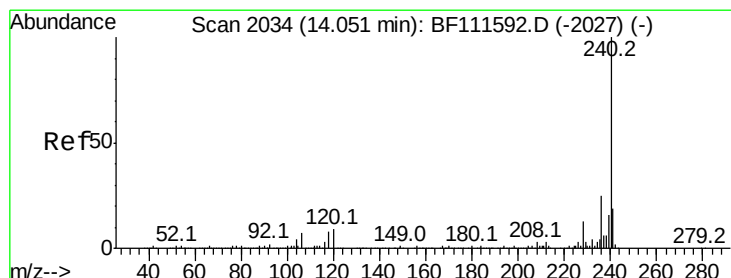
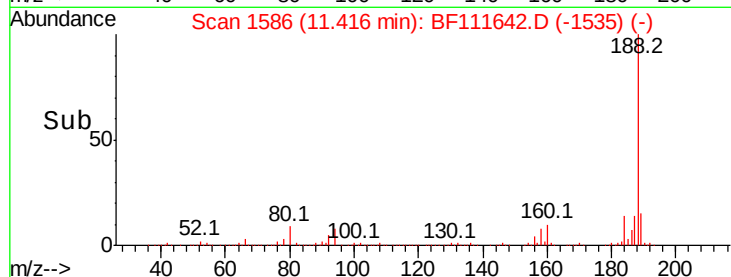
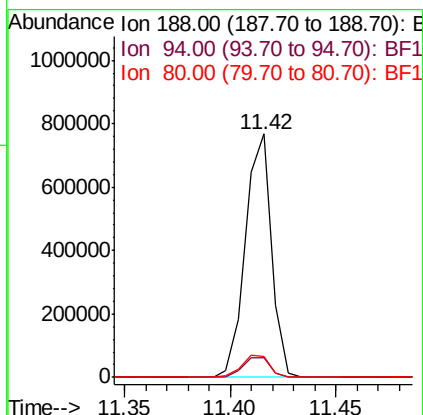
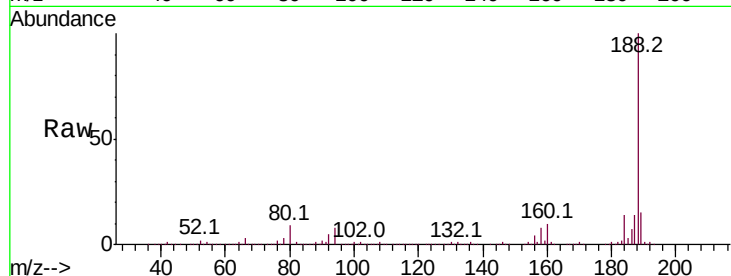




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF111642.D
Acq: 20 Dec 2018 16:51

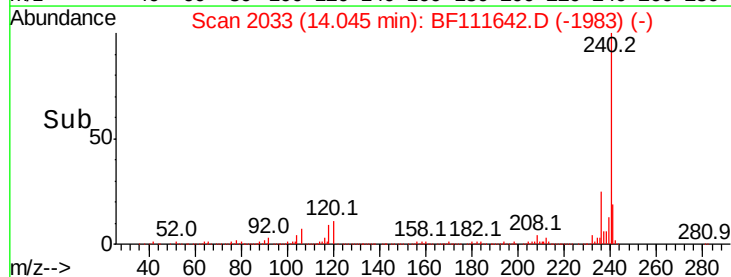
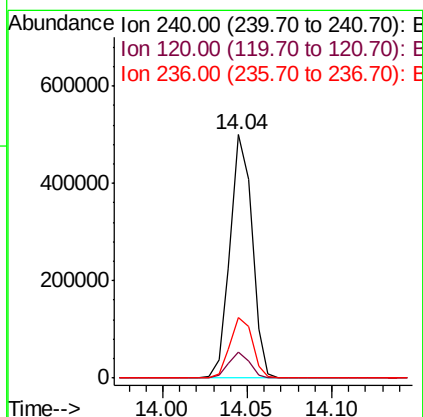
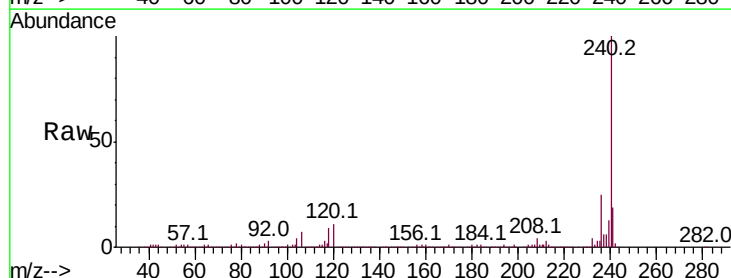
Instrument :
BNA_F
ClientSampleId :
EB05_12-14

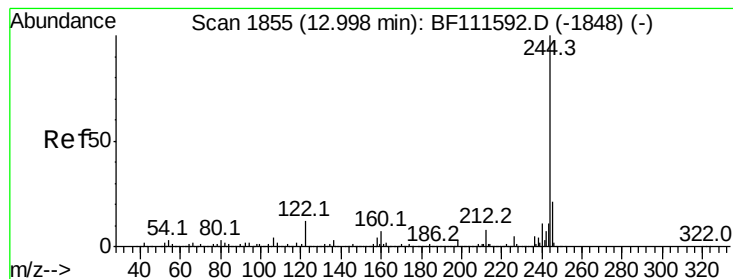
Tot Ion:188 Resp: 658823
Ion Ratio Lower Upper
188 100
94 8.3 9.6 14.4#
80 8.7 9.8 14.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF111642.D
Acq: 20 Dec 2018 16:51

Tgt Ion:240 Resp: 453344
Ion Ratio Lower Upper
240 100
120 10.9 12.2 18.2#
236 25.1 20.2 30.2





#79

Terphenyl-d14

Concen: 67.910 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF111642.D

Acq: 20 Dec 2018 16:51

Instrument :

BNA_F

ClientSampleId :

EB05_12-14

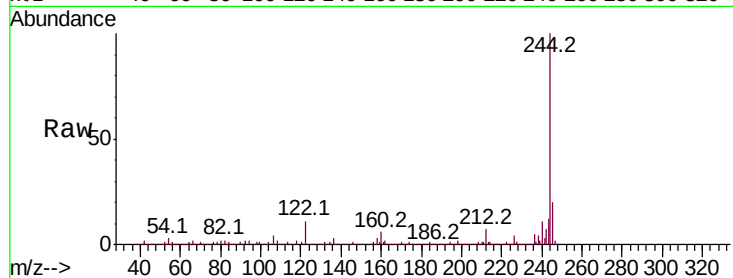
Tot Ion:244 Resp: 1623413

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

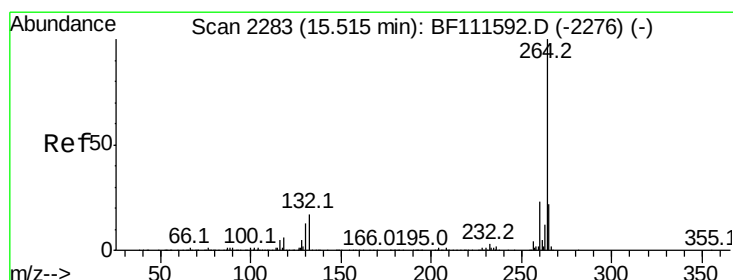
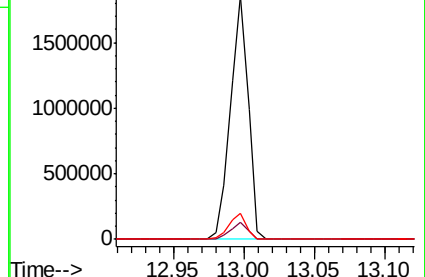
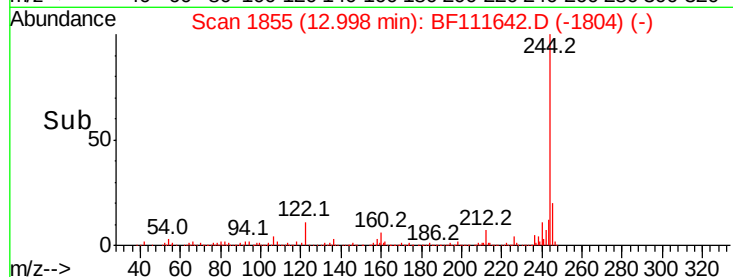
122 10.9 13.1 19.7#



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: 15.53 min Scan# 2285

Delta R.T. 0.01 min

Lab File: BF111642.D

Acq: 20 Dec 2018 16:51

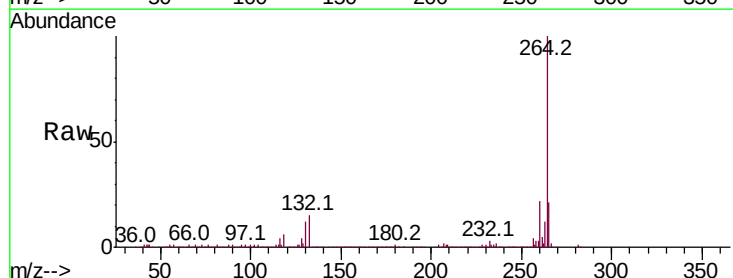
Tgt Ion:264 Resp: 448806

Ion Ratio Lower Upper

264 100

260 22.4 18.3 27.5

265 21.3 17.7 26.5



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

