

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
 Data File : BF110985.D
 Acq On : 27 Nov 2018 1:09
 Operator : JU/SJ
 Sample : J6030-02DL 10X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DTW-03DL

Quant Time: Nov 27 06:26:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 26 15:26:09 2018
 Response via : Initial Calibration

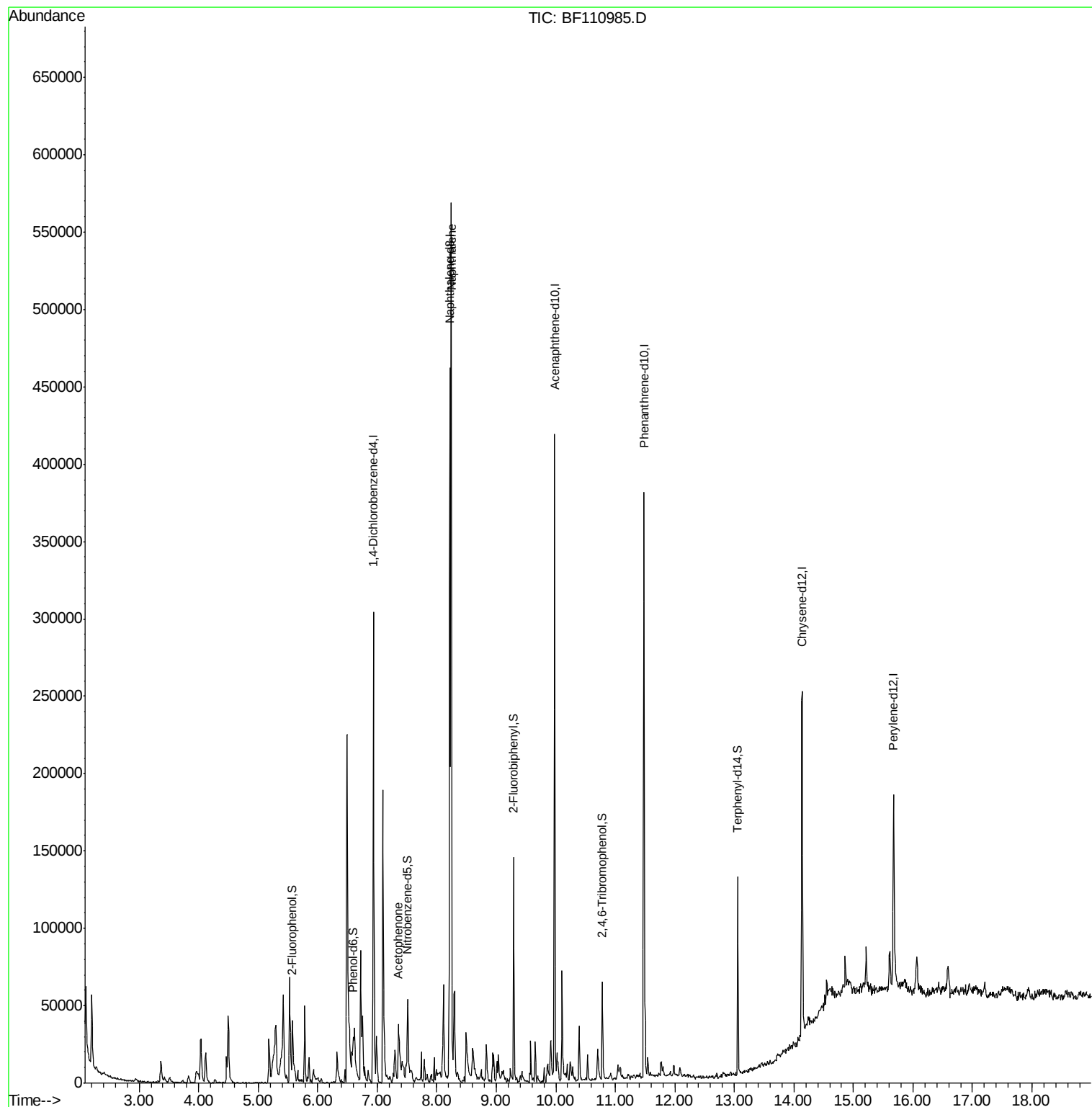
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	52098	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	193500	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	81074	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	148015	20.00	ng	0.00
76) Chrysene-d12	14.14	240	90801	20.00	ng	0.00
87) Perylene-d12	15.67	264	70509	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	22232	7.08	ng	0.02
7) Phenol-d6	6.59	99	19364	4.73	ng	0.02
23) Nitrobenzene-d5	7.51	82	24582	7.27	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	8052	10.00	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	45150	8.07	ng	0.00
79) Terphenyl-d14	13.06	244	41796	8.96	ng	0.00
Target Compounds						
22) Acetophenone	7.36	105	16780	3.700	ng	Qvalue # 93
31) Naphthalene	8.25	128	283524	31.258	ng	99

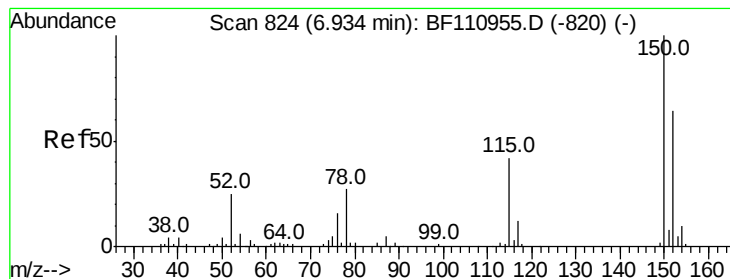
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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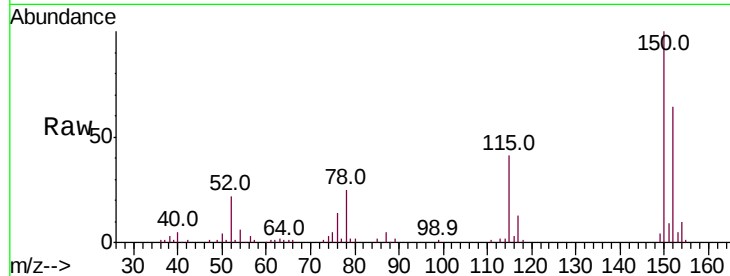


#1

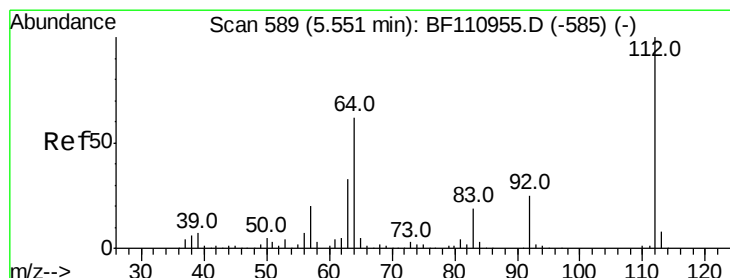
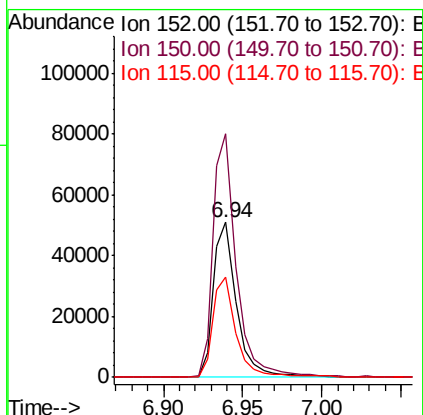
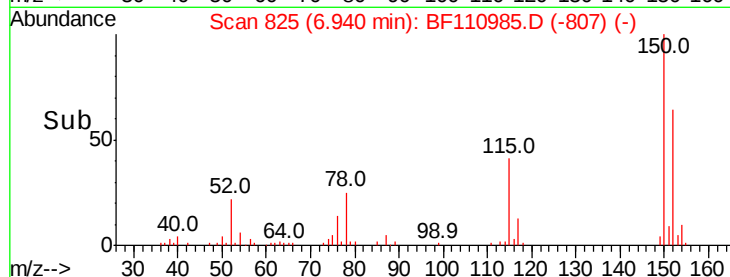
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.01 min
Lab File: BF110985.D
Acq: 27 Nov 2018 1:09

Instrument :
BNA_F
ClientSampleId :
DTW-03DL

Tot Ion:152 Resp: 52098
Ion Ratio Lower Upper
152 100
150 157.1 122.7 184.1
115 64.9 49.1 73.7



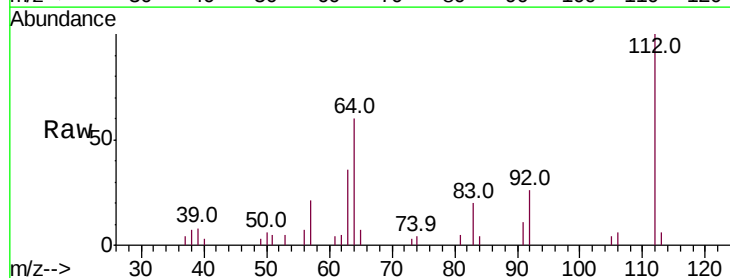
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



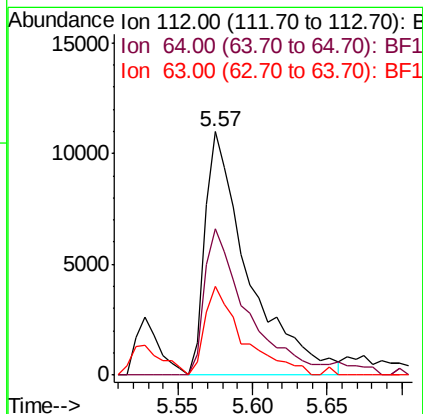
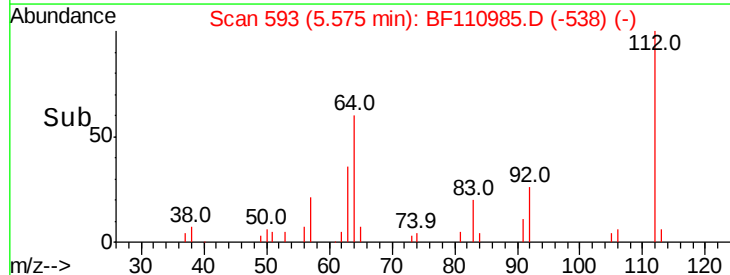
#5

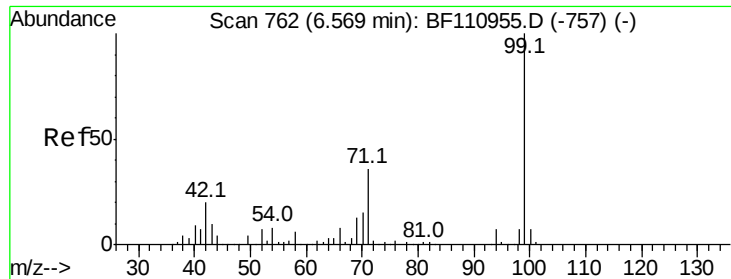
2-Fluorophenol
Concen: 7.077 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.02 min
Lab File: BF110985.D
Acq: 27 Nov 2018 1:09

Tgt Ion:112 Resp: 22232
Ion Ratio Lower Upper
112 100
64 60.3 44.1 66.1
63 36.2 23.7 35.5#



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: 4.730 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.02 min

Lab File: BF110985.D

Acq: 27 Nov 2018 1:09

Instrument :

BNA_F

ClientSampleId :

DTW-03DL

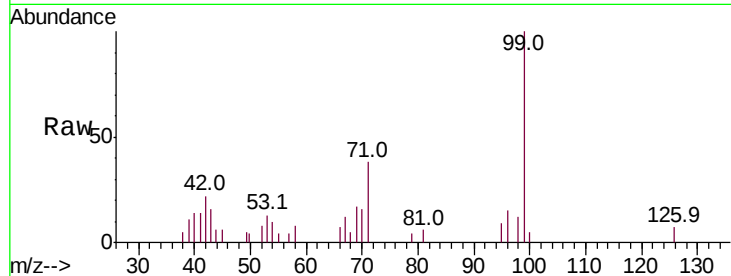
Tot Ion: 99 Resp: 19364

Ion Ratio Lower Upper

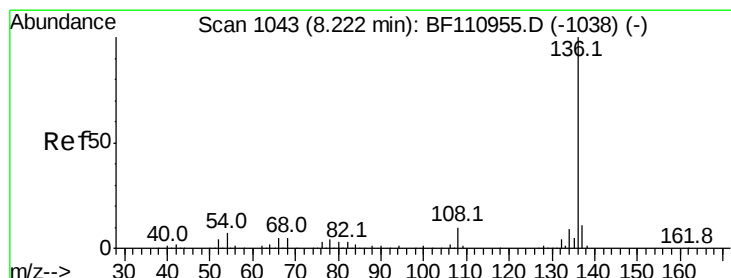
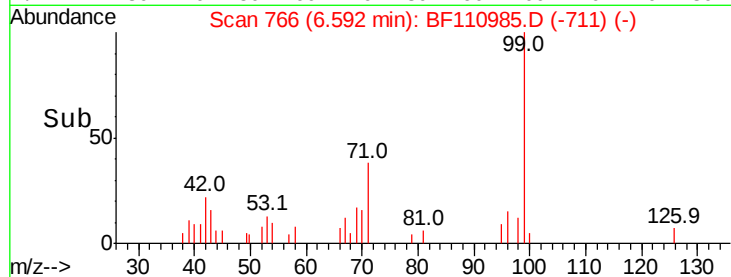
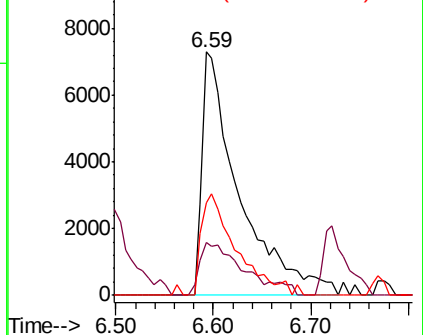
99 100

42 21.8 15.8 23.6

71 37.8 28.0 42.0



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: 8.22 min Scan# 1043

Delta R.T. 0.00 min

Lab File: BF110985.D

Acq: 27 Nov 2018 1:09

Tgt Ion: 136 Resp: 193500

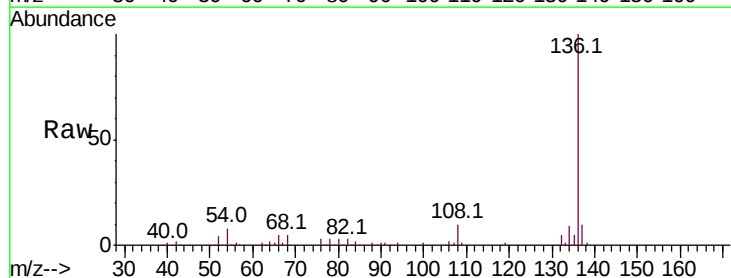
Ion Ratio Lower Upper

136 100

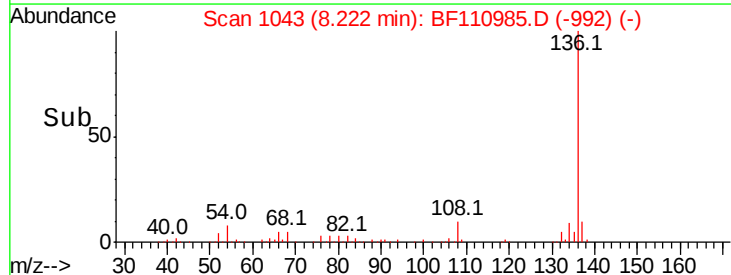
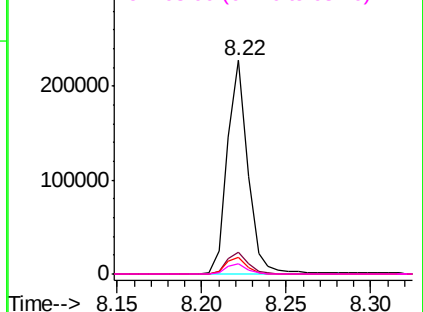
137 10.5 8.8 13.2

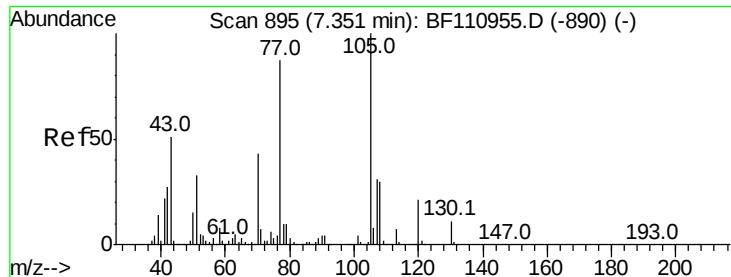
54 7.8 5.4 8.2

68 4.5 4.2 6.2



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

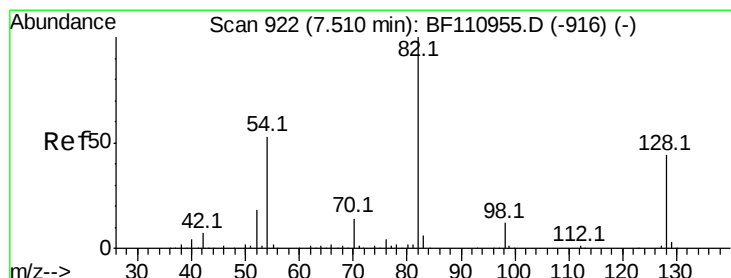
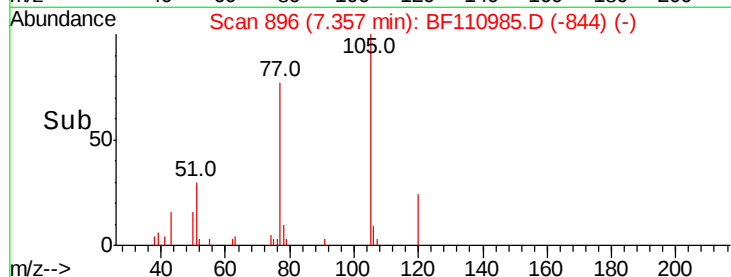
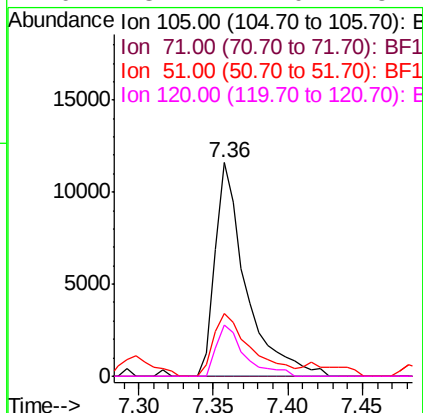
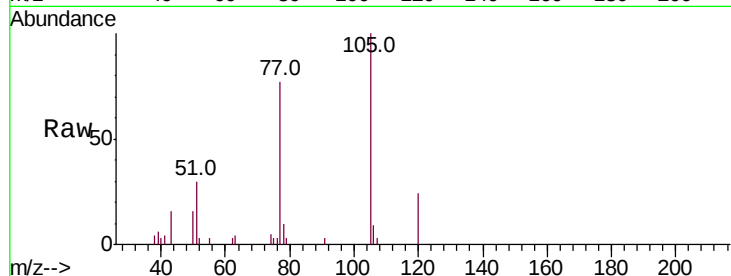




#22
Acetophenone
Concen: 3.700 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.01 min
Lab File: BF110985.D
Acq: 27 Nov 2018 1:09

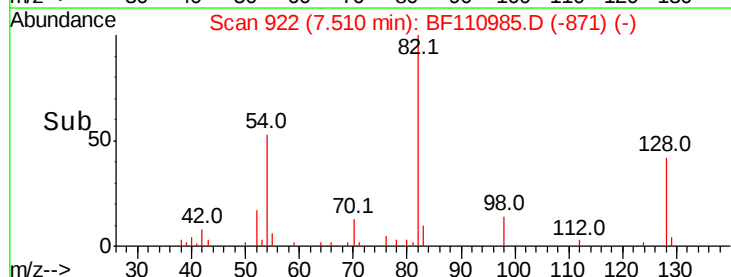
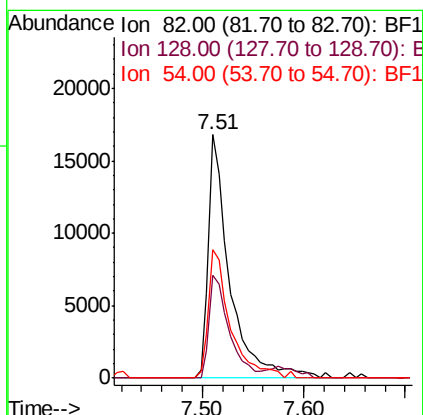
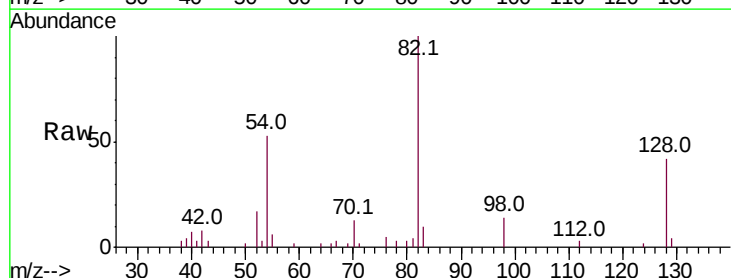
Instrument :
BNA_F
ClientSampleId :
DTW-03DL

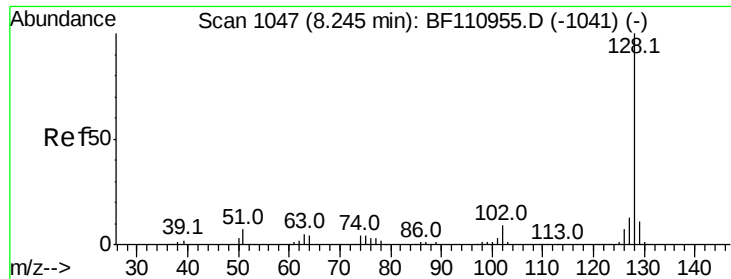
Tot Ion:105 Resp: 16780
Ion Ratio Lower Upper
105 100
71 0.0 5.2 7.8#
51 29.6 21.8 32.8
120 23.7 17.0 25.4



#23
Nitrobenzene-d5
Concen: 7.271 ng
RT: 7.51 min Scan# 922
Delta R.T. 0.00 min
Lab File: BF110985.D
Acq: 27 Nov 2018 1:09

Tgt Ion: 82 Resp: 24582
Ion Ratio Lower Upper
82 100
128 42.3 34.2 51.2
54 52.8 38.6 58.0

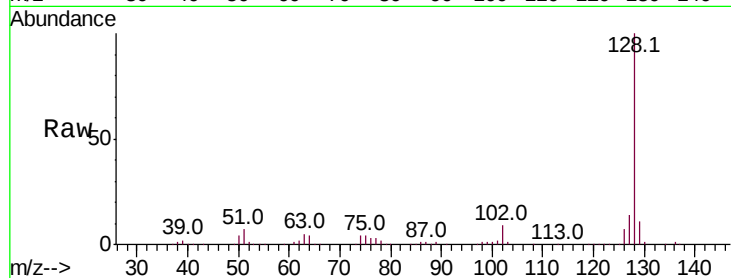




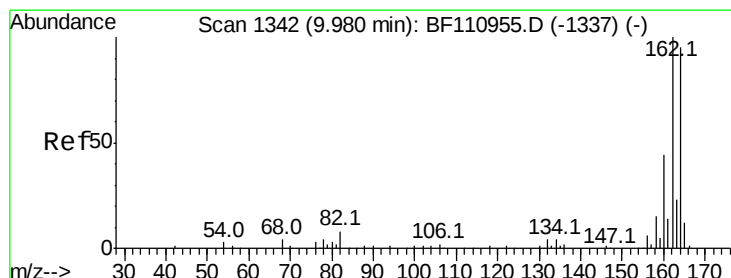
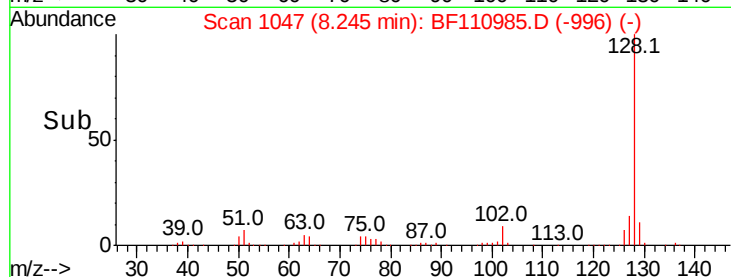
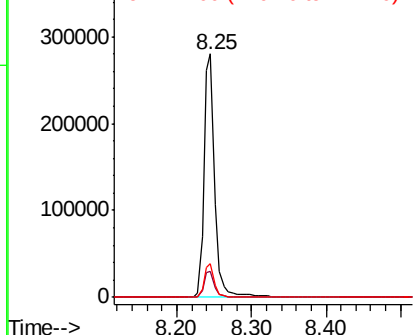
#31
Naphthalene
Concen: 31.258 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF110985.D
Acq: 27 Nov 2018 1:09

Instrument :
BNA_F
ClientSampleId :
DTW-03DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.8	13.2
127	13.6	10.8	16.2

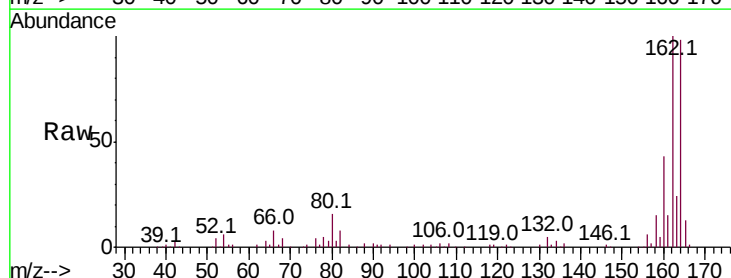


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

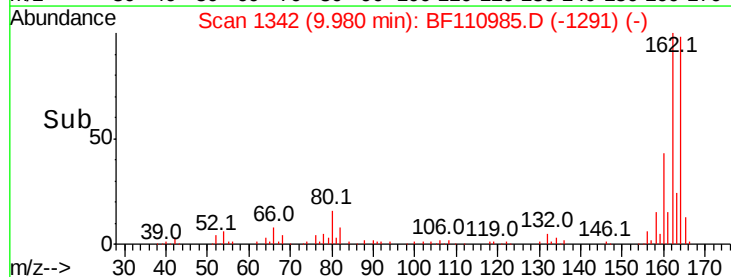
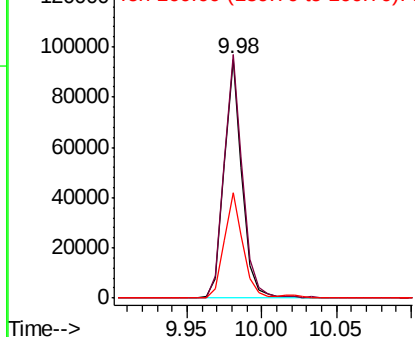


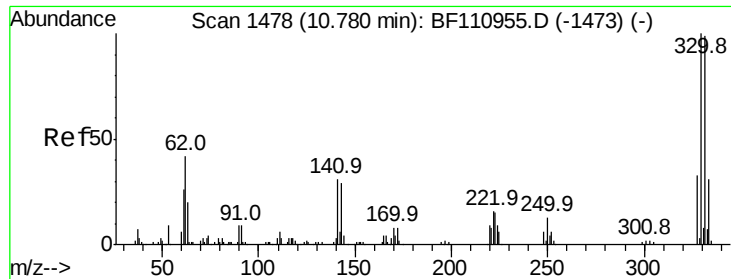
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF110985.D
Acq: 27 Nov 2018 1:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	83.0	124.6
160	44.3	37.0	55.6



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

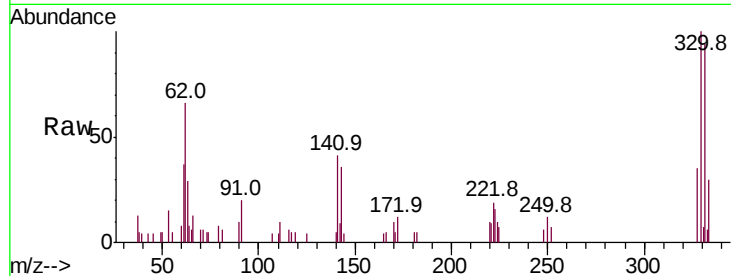




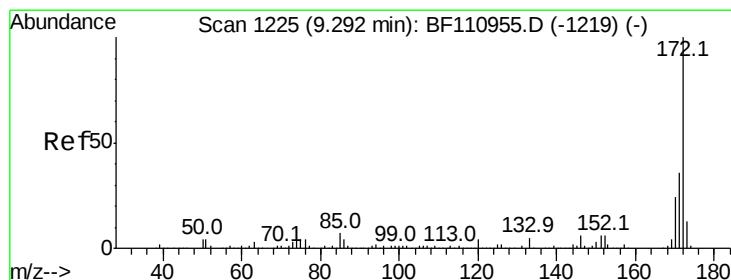
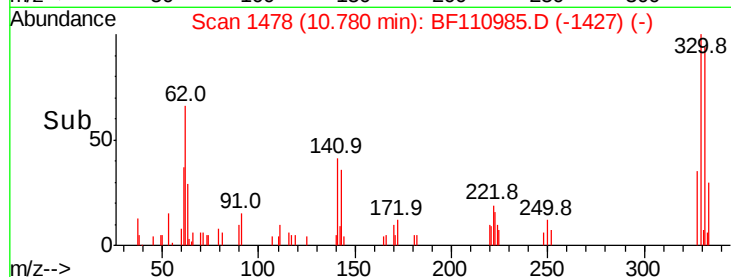
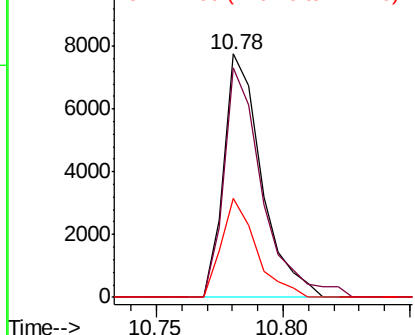
#42
 2,4,6-Tribromophenol
 Concen: 10.000 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. 0.00 min
 Lab File: BF110985.D
 Acq: 27 Nov 2018 1:09

Instrument :
 BNA_F
 ClientSampleId :
 DTW-03DL

Tot Ion:330 Resp: 8052
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.1 115.7
 141 37.5 27.0 40.4

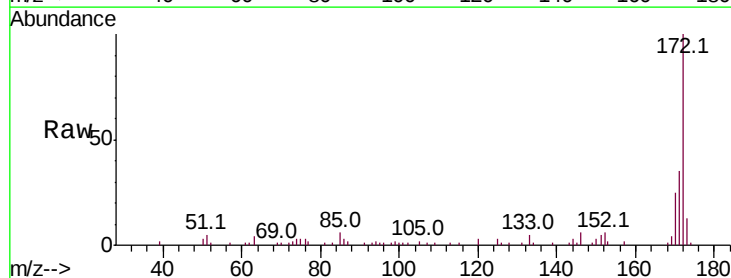


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

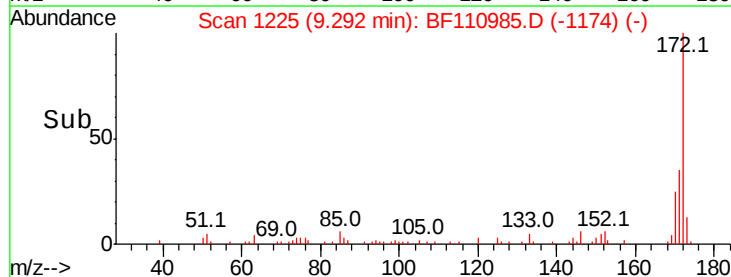
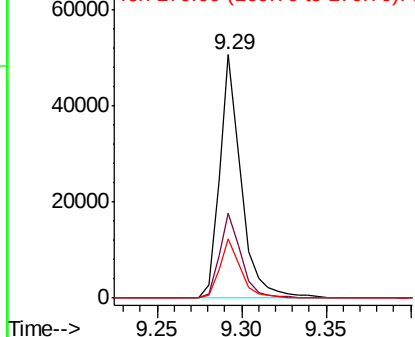


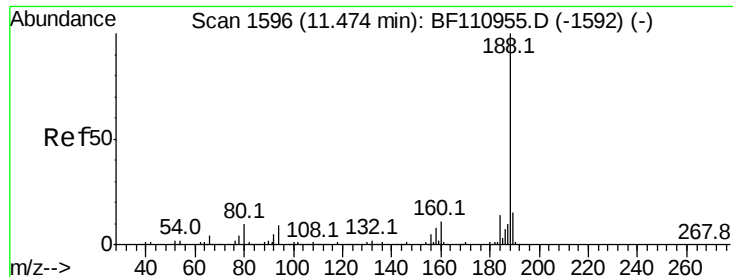
#45
 2-Fluorobiphenyl
 Concen: 8.068 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: BF110985.D
 Acq: 27 Nov 2018 1:09

Tgt Ion:172 Resp: 45150
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.6 43.0
 170 24.6 19.7 29.5



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

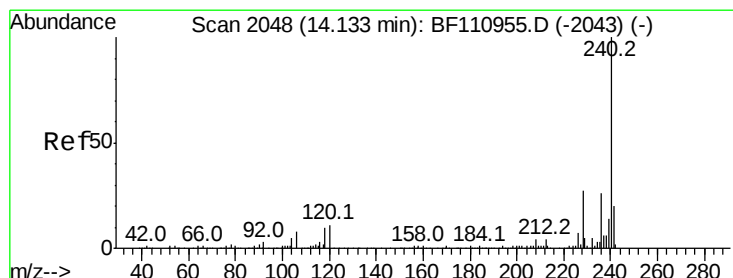
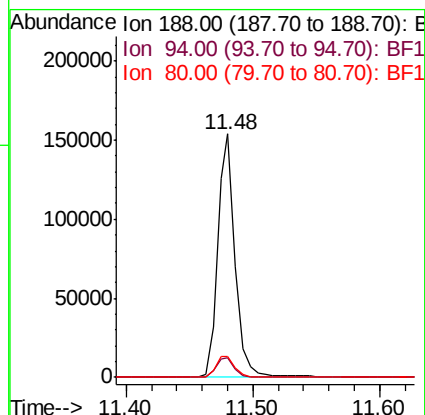
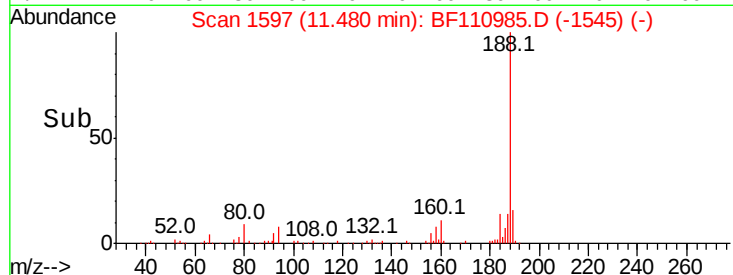
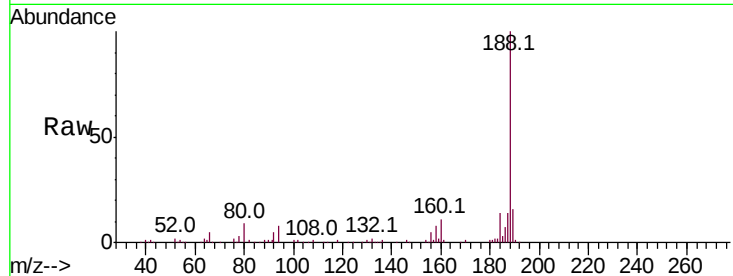




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BF110985.D
Acq: 27 Nov 2018 1:09

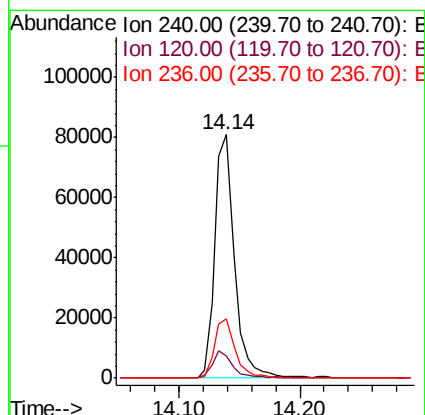
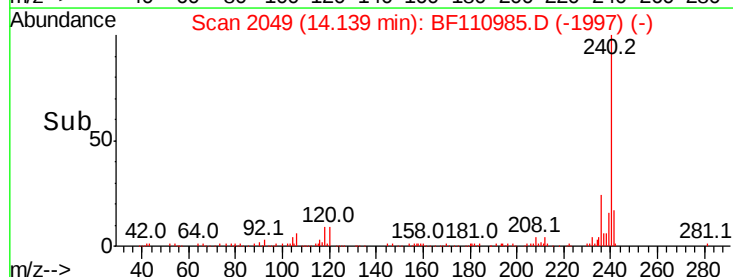
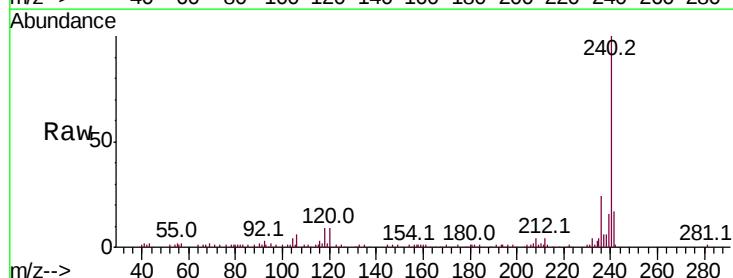
Instrument :
BNA_F
ClientSampleId :
DTW-03DL

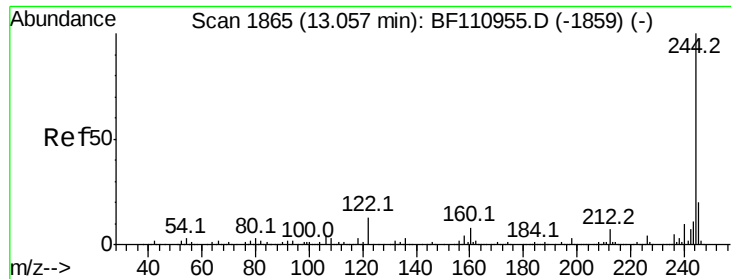
Tot Ion:188 Resp: 148015
Ion Ratio Lower Upper
188 100
94 7.8 7.2 10.8
80 8.7 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2049
Delta R.T. 0.01 min
Lab File: BF110985.D
Acq: 27 Nov 2018 1:09

Tgt Ion:240 Resp: 90801
Ion Ratio Lower Upper
240 100
120 9.0 8.3 12.5
236 24.4 21.2 31.8





#79

Terphenyl-d14

Concen: 8.960 ng

RT: 13.06 min Scan# 1865

Delta R.T. 0.00 min

Lab File: BF110985.D

Acq: 27 Nov 2018 1:09

Instrument :

BNA_F

ClientSampleId :

DTW-03DL

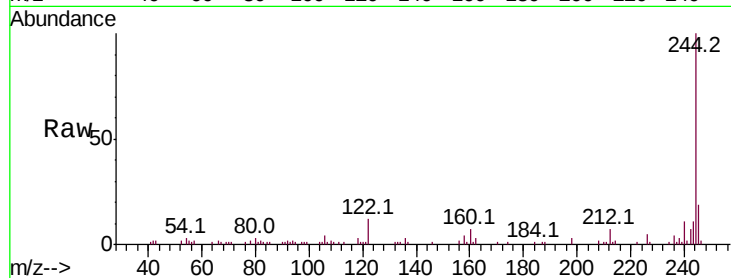
Tot Ion:244 Resp: 41796

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

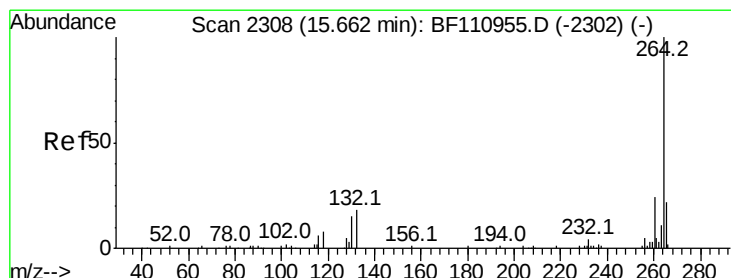
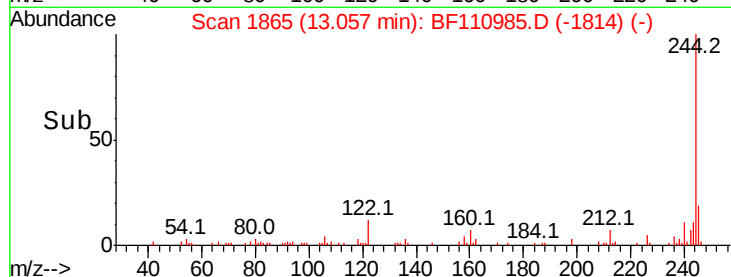
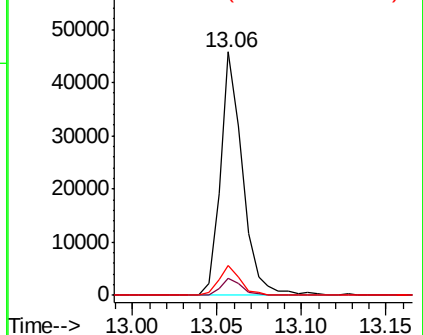
122 12.2 8.7 13.1



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: 15.67 min Scan# 2310

Delta R.T. 0.01 min

Lab File: BF110985.D

Acq: 27 Nov 2018 1:09

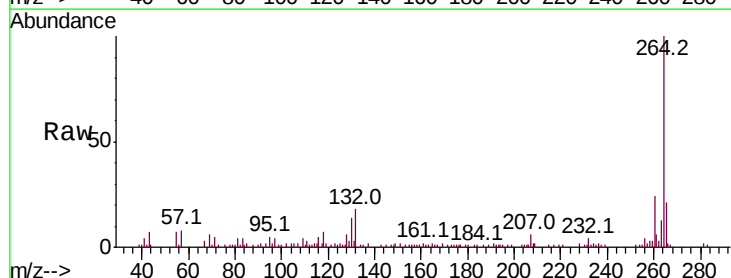
Tgt Ion:264 Resp: 70509

Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

265 21.4 16.7 25.1



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

