

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
 Data File : BF110115.D
 Acq On : 24 Oct 2018 15:20
 Operator : JU/SJ
 Sample : J5610-11 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 25 02:11:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

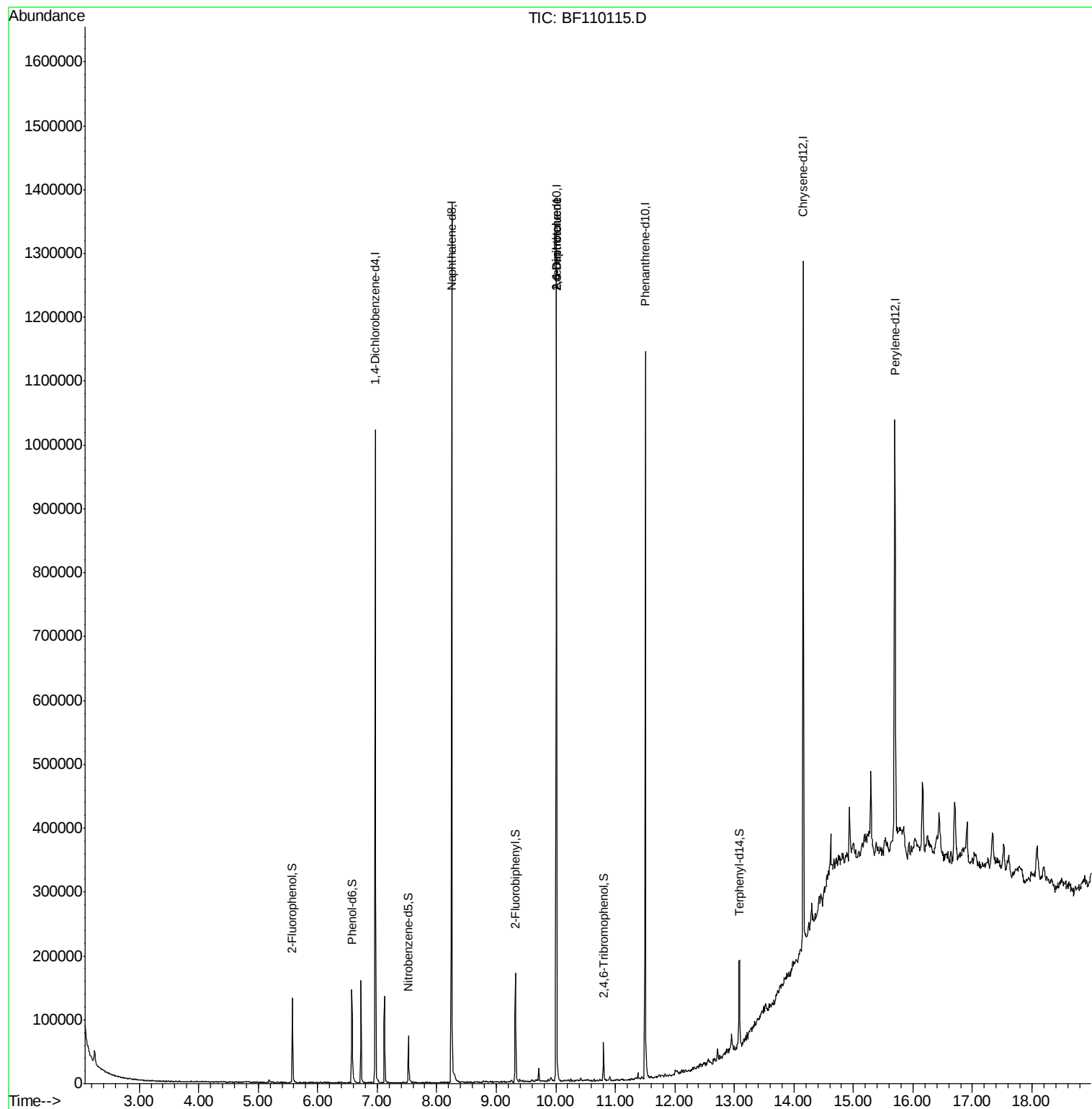
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	152949	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	601229	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	240792	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	381837	20.00	ng	-0.01
76) Chrysene-d12	14.16	240	343380	20.00	ng	0.00
87) Perylene-d12	15.70	264	255166	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	37047	3.94	ng	-0.02
7) Phenol-d6	6.57	99	47769	3.98	ng	-0.03
23) Nitrobenzene-d5	7.52	82	25685	2.53	ng	-0.03
42) 2,4,6-Tribromophenol	10.80	330	6334	2.66	ng	-0.02
45) 2-Fluorobiphenyl	9.32	172	54741	3.57	ng	-0.02
79) Terphenyl-d14	13.09	244	43005	2.60	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.73	77	807	Below Cal		Qvalue # 80
51) 2,6-Dinitrotoluene	10.01	165	30515	7.970	ng	# 23
57) 2,4-Dinitrotoluene	10.01	165	30515	6.275	ng	# 19

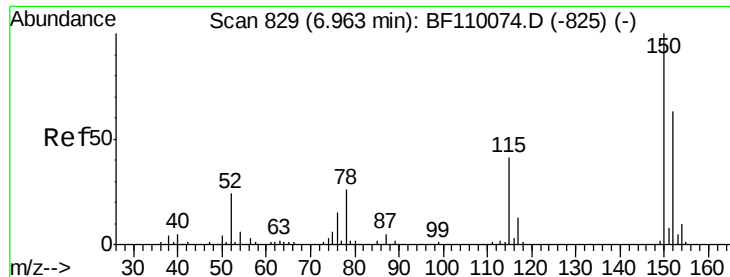
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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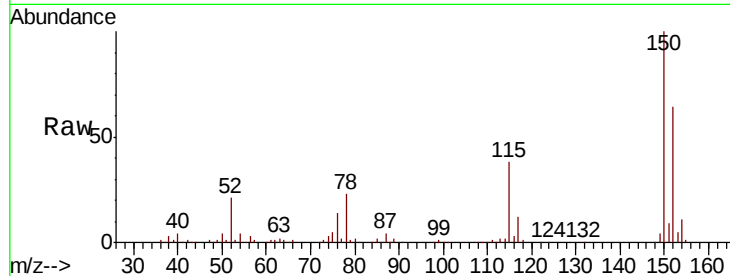


#1

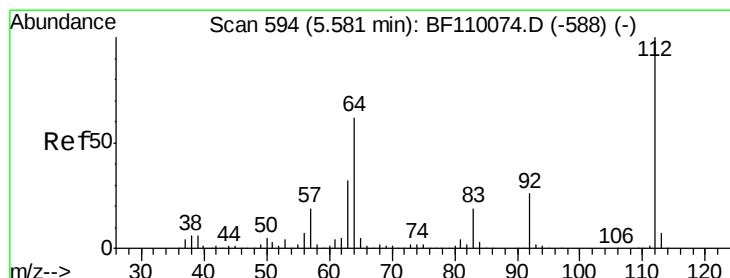
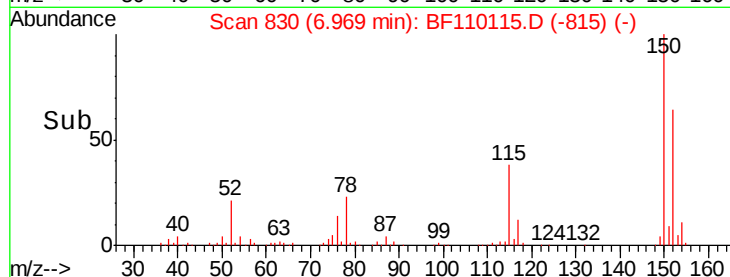
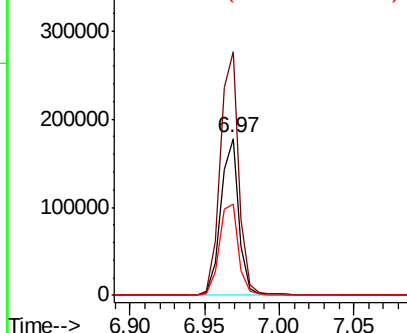
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110115.D
Acq: 24 Oct 2018 15:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 152949
Ion Ratio Lower Upper
152 100
150 155.1 122.7 184.1
115 58.5 49.1 73.7



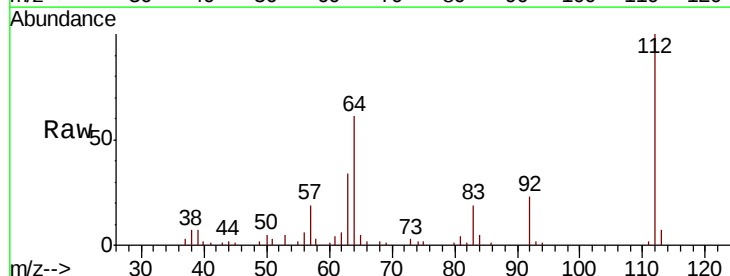
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



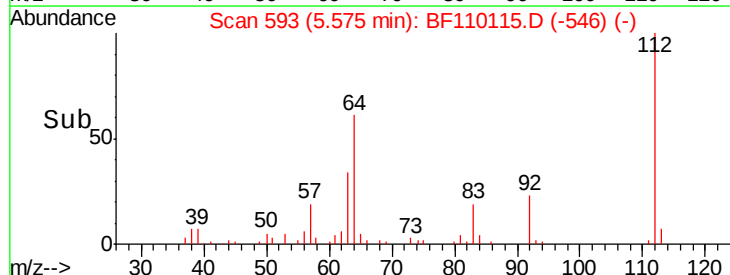
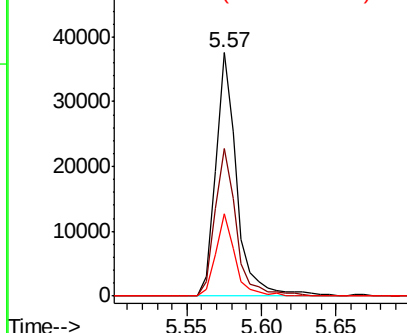
#5

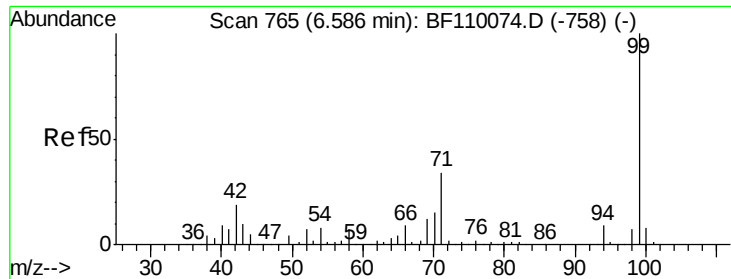
2-Fluorophenol
Concen: 3.944 ng
RT: 5.57 min Scan# 593
Delta R.T. -0.02 min
Lab File: BF110115.D
Acq: 24 Oct 2018 15:20

Tgt Ion:112 Resp: 37047
Ion Ratio Lower Upper
112 100
64 60.8 44.1 66.1
63 33.6 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: 3.976 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.03 min

Lab File: BF110115.D

Acq: 24 Oct 2018 15:20

Instrument :

BNA_F

ClientSampleId :

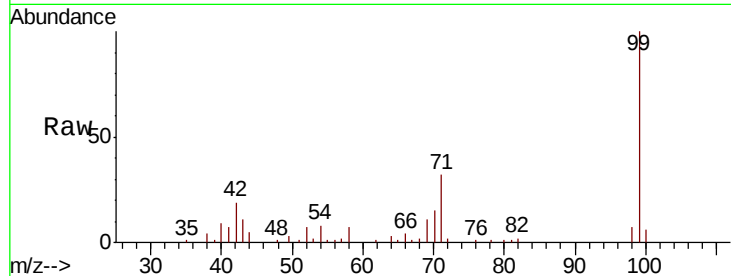
Tot Ion: 99 Resp: 47769

Ion Ratio Lower Upper

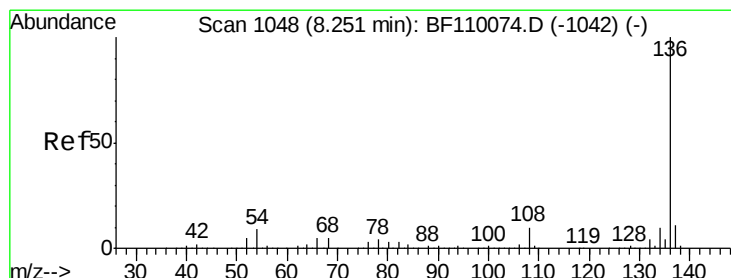
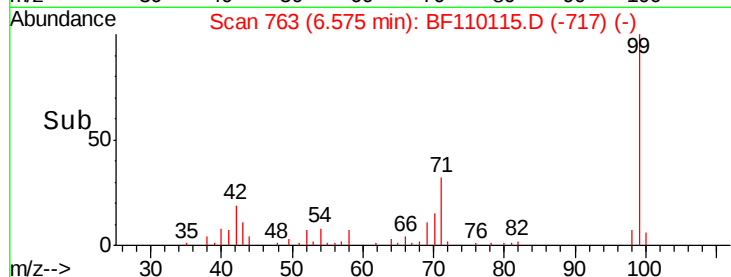
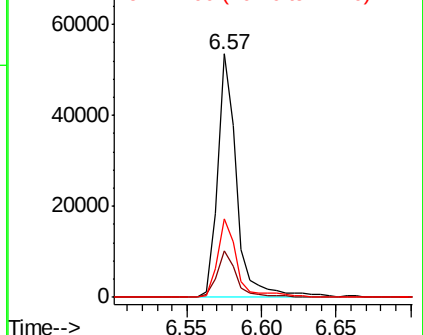
99 100

42 19.1 15.8 23.6

71 32.0 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: 8.25 min Scan# 1048

Delta R.T. -0.02 min

Lab File: BF110115.D

Acq: 24 Oct 2018 15:20

Tgt Ion: 136 Resp: 601229

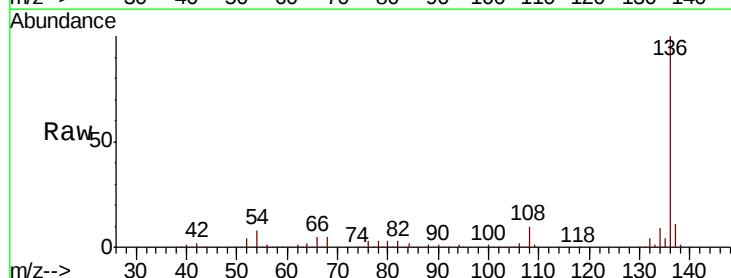
Ion Ratio Lower Upper

136 100

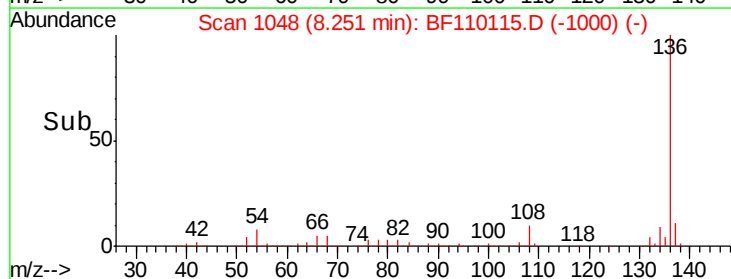
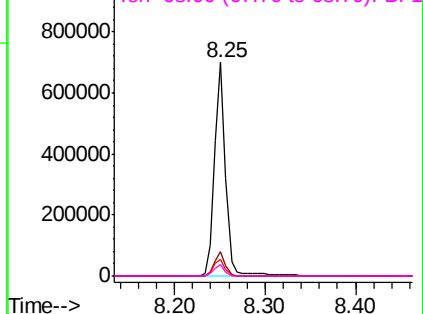
137 11.3 8.8 13.2

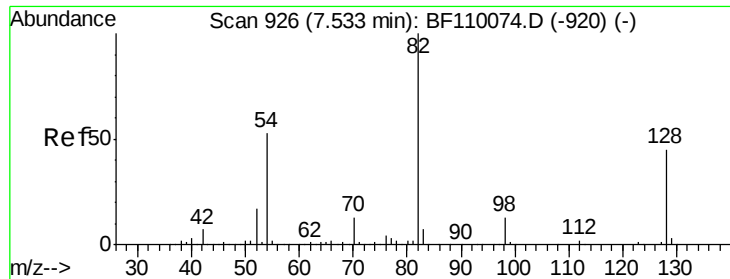
54 8.1 5.4 8.2

68 5.4 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

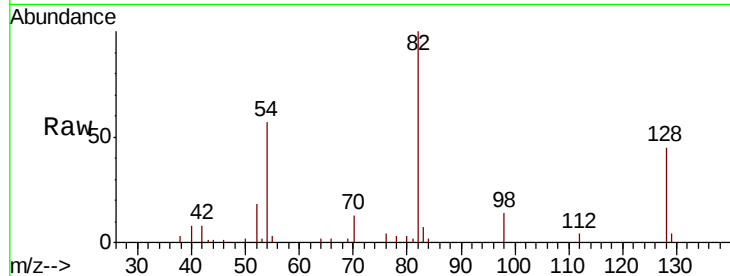




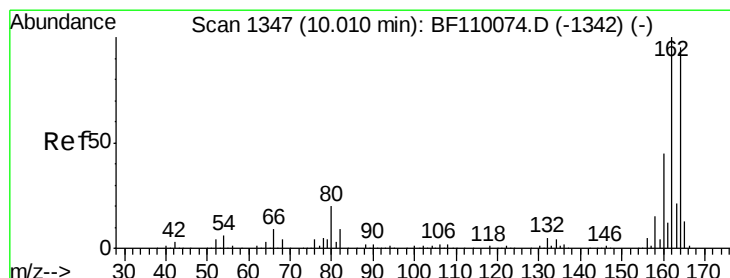
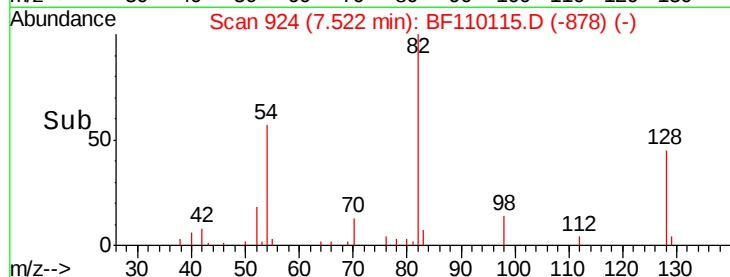
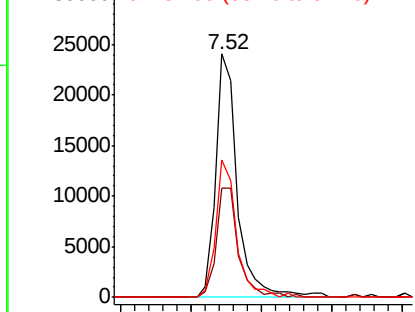
#23
 Nitrobenzene-d5
 Concen: 2.534 ng
 RT: 7.52 min Scan# 924
 Delta R.T. -0.03 min
 Lab File: BF110115.D
 Acq: 24 Oct 2018 15:20

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 25685
 Ion Ratio Lower Upper
 82 100
 128 45.1 34.2 51.2
 54 56.6 38.6 58.0

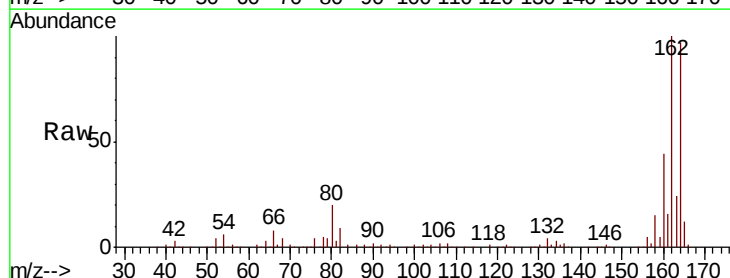


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

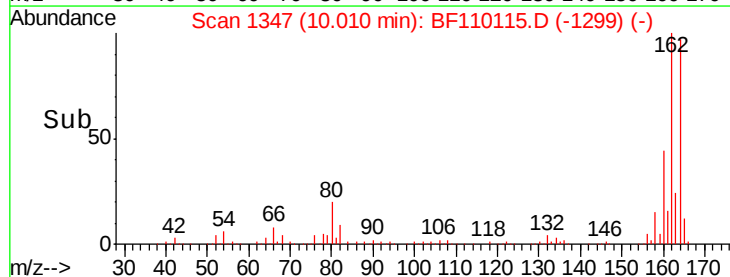
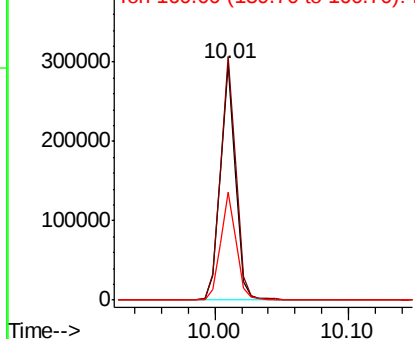


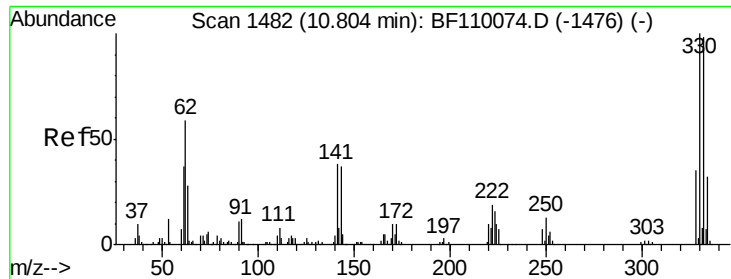
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.02 min
 Lab File: BF110115.D
 Acq: 24 Oct 2018 15:20

Tgt Ion:164 Resp: 240792
 Ion Ratio Lower Upper
 164 100
 162 103.1 83.0 124.6
 160 45.7 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

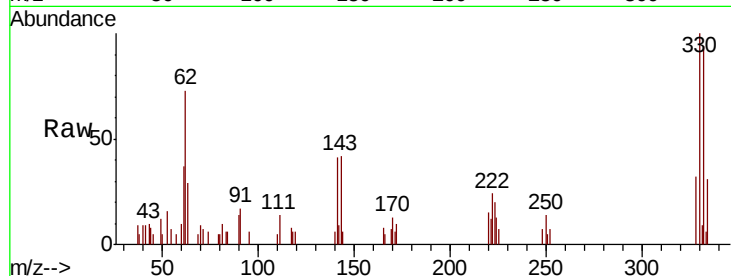




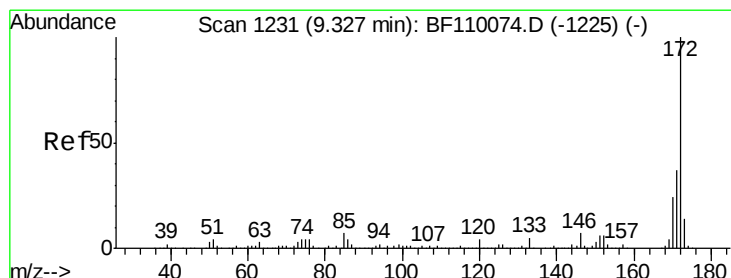
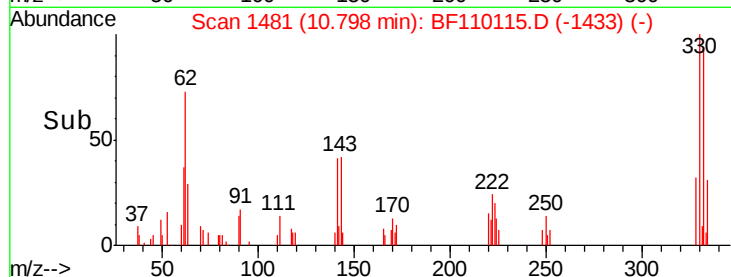
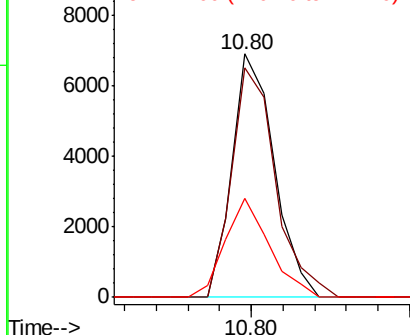
#42
 2,4,6-Tribromophenol
 Concen: 2.656 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.02 min
 Lab File: BF110115.D
 Acq: 24 Oct 2018 15:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 6334
 Ion Ratio Lower Upper
 330 100
 332 98.5 77.1 115.7
 141 43.1 27.0 40.4#

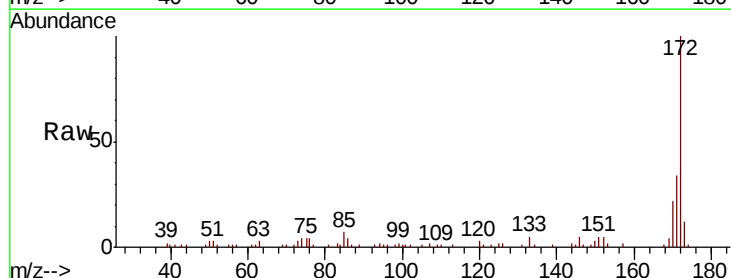


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

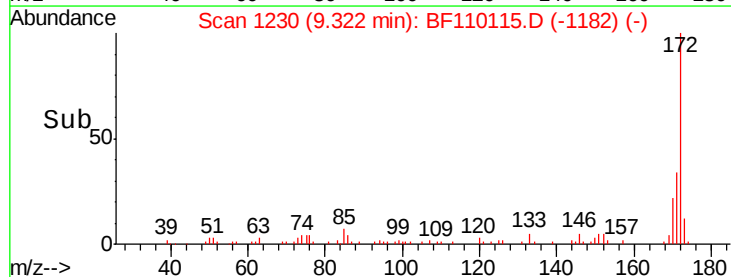
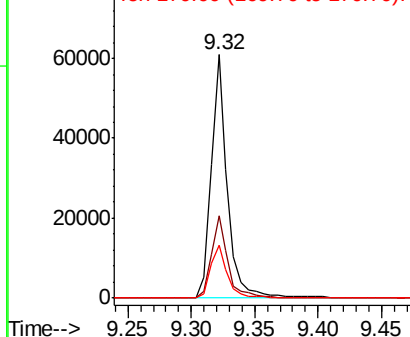


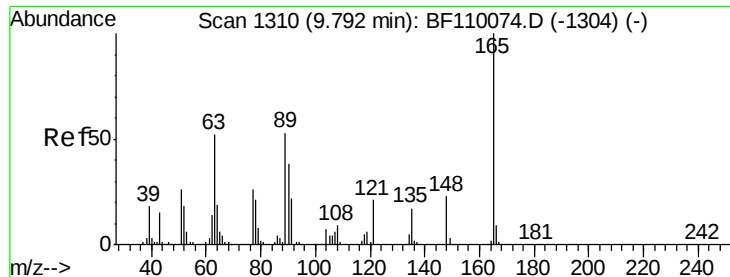
#45
 2-Fluorobiphenyl
 Concen: 3.570 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.02 min
 Lab File: BF110115.D
 Acq: 24 Oct 2018 15:20

Tgt Ion:172 Resp: 54741
 Ion Ratio Lower Upper
 172 100
 171 33.6 28.6 43.0
 170 22.0 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





#51

2,6-Dinitrotoluene

Concen: 7.970 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.21 min

Lab File: BF110115.D

Acq: 24 Oct 2018 15:20

Instrument :

BNA_F

ClientSampleId :

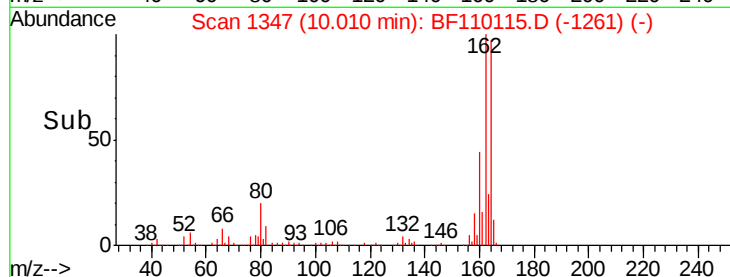
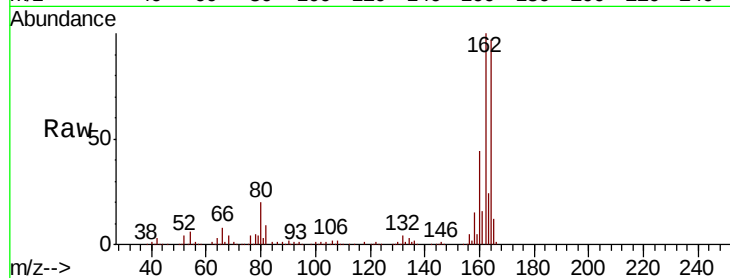
Tot Ion:165 Resp: 30515

Ion Ratio Lower Upper

165 100

63 1.1 48.9 73.3#

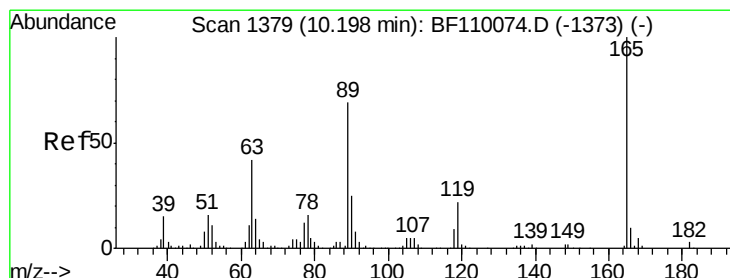
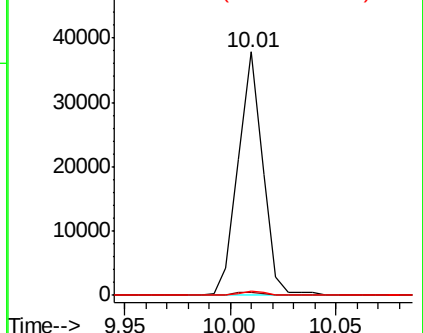
89 1.5 46.6 69.8#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#57

2,4-Dinitrotoluene

Concen: 6.275 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.20 min

Lab File: BF110115.D

Acq: 24 Oct 2018 15:20

Tgt Ion:165 Resp: 30515

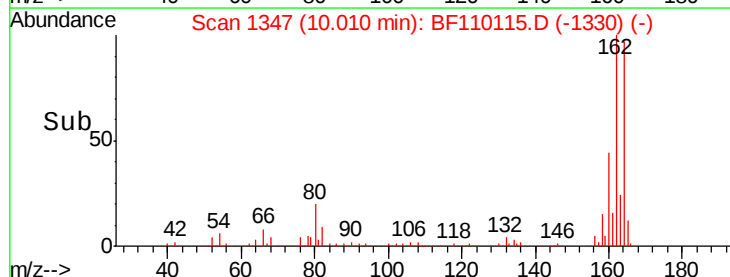
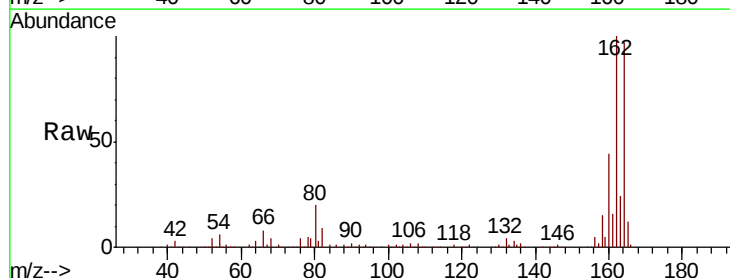
Ion Ratio Lower Upper

165 100

63 1.1 44.8 67.2#

89 1.5 62.2 93.4#

182 0.0 2.1 3.1#

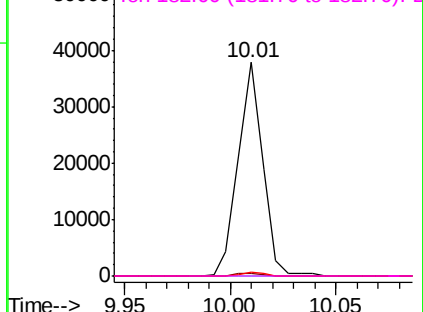


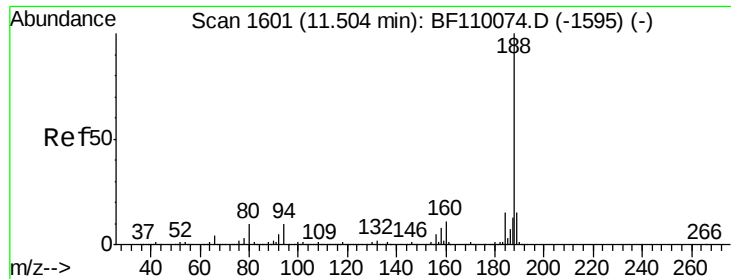
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

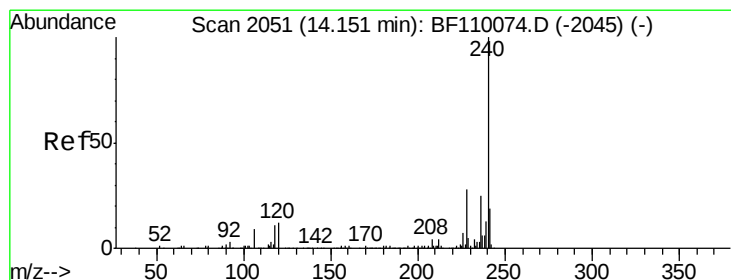
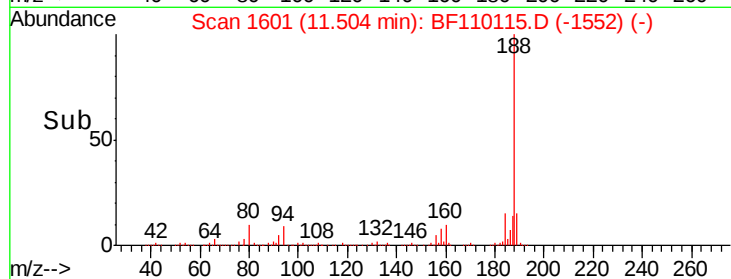
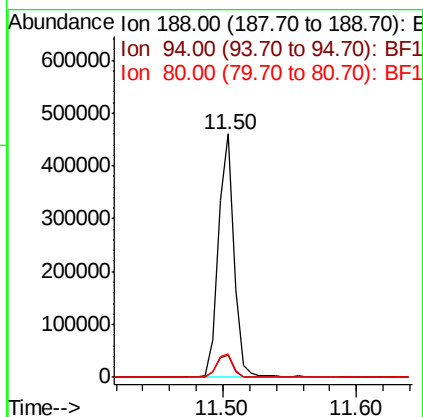
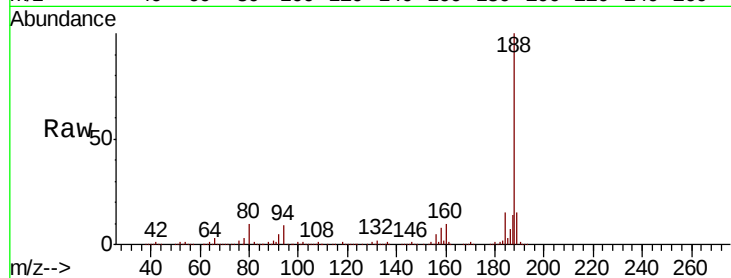




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110115.D
Acq: 24 Oct 2018 15:20

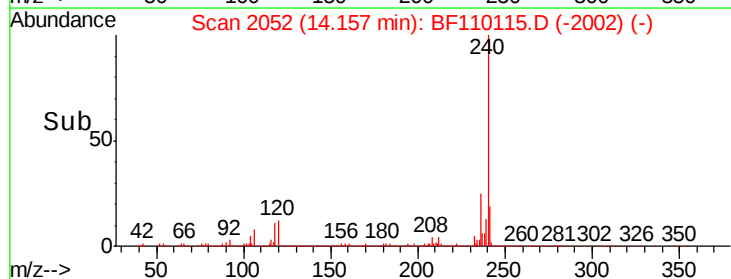
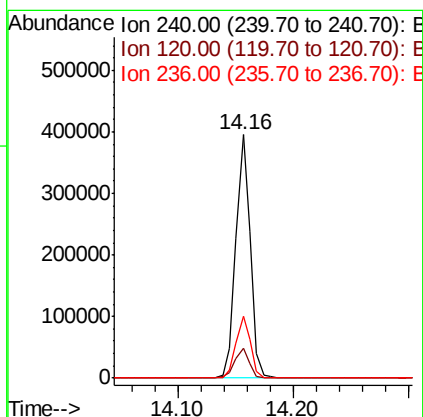
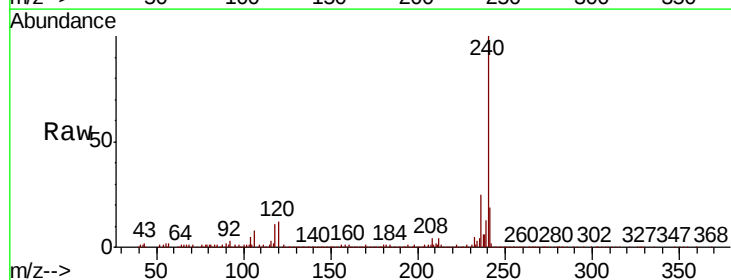
Instrument :
BNA_F
ClientSampleId :

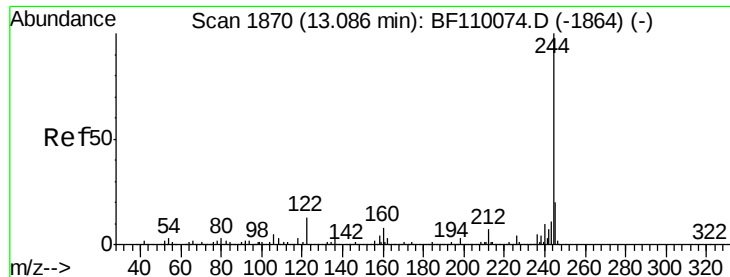
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	9.7	7.9	11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF110115.D
Acq: 24 Oct 2018 15:20

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.3	8.3	12.5
236	25.3	21.2	31.8

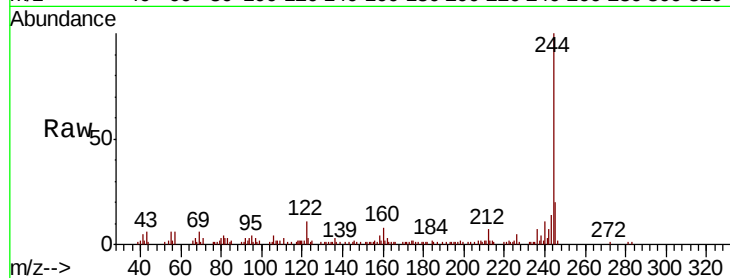




#79
 Terphenyl-d14
 Concen: 2.605 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. -0.02 min
 Lab File: BF110115.D
 Acq: 24 Oct 2018 15:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	11.4	8.7	13.1

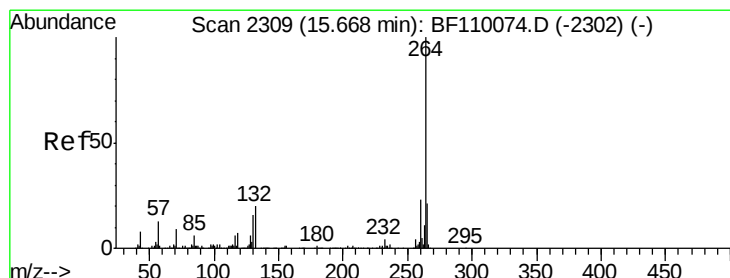
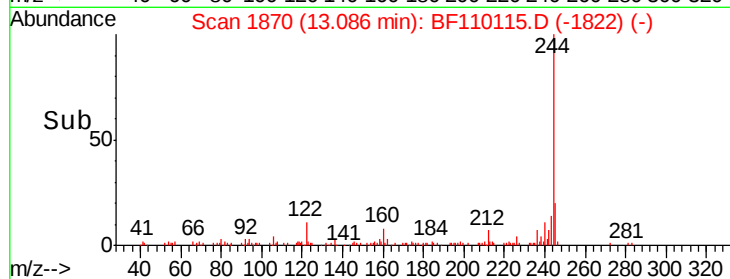
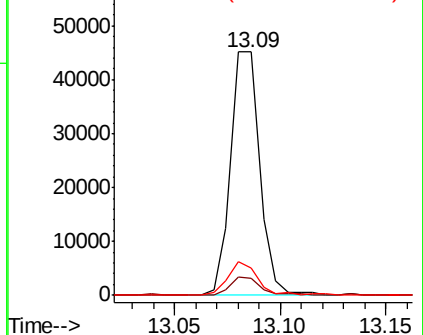


Abundance

Ion 244.00 (243.70 to 244.70): E

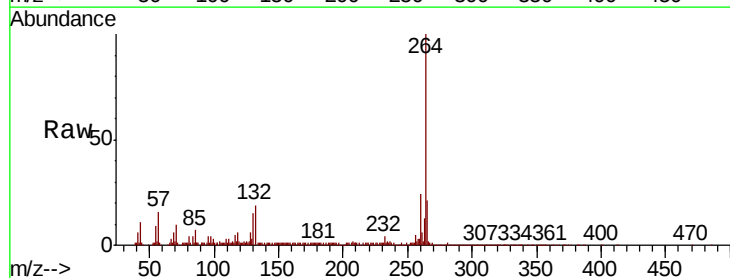
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2314
 Delta R.T. 0.01 min
 Lab File: BF110115.D
 Acq: 24 Oct 2018 15:20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	20.6	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

