

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
 Data File : BF110281.D
 Acq On : 30 Oct 2018 00:00
 Operator : JU/SJ
 Sample : J5194-07 5X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 30 08:49:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 17:29:00 2018
 Response via : Initial Calibration

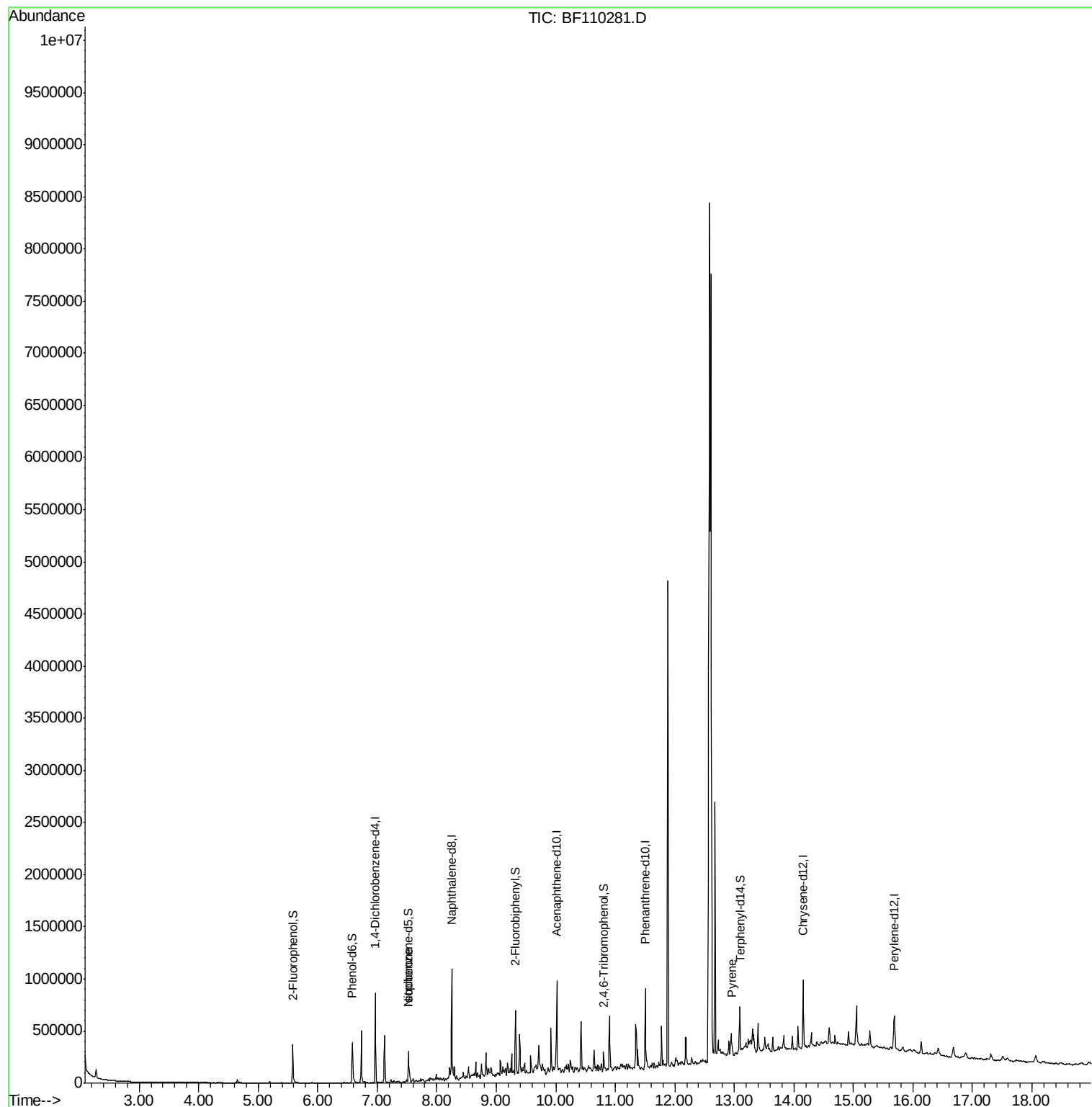
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	120460	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	464245	20.00	ng	0.00
39) Acenaphthene-d10	10.01	164	183500	20.00	ng	0.00
64) Phenanthrene-d10	11.50	188	281513	20.00	ng	0.00
76) Chrysene-d12	14.16	240	203140	20.00	ng	0.00
87) Perylene-d12	15.69	264	137973	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	112753	15.24	ng	0.00
7) Phenol-d6	6.58	99	144532	15.28	ng	-0.01
23) Nitrobenzene-d5	7.53	82	90409	11.55	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	20397	11.22	ng	0.00
45) 2-Fluorobiphenyl	9.32	172	184574	15.79	ng	0.00
79) Terphenyl-d14	13.09	244	134903	13.81	ng	0.00
Target Compounds						
9) Benzaldehyde	6.59	77	113	Below Cal	#	1
25) Isophorone	7.53	82	88078	6.602 ng	#	67
77) Benzidine	12.83	184	465	Below Cal	#	1
78) Pyrene	12.96	202	29420	2.020 ng	#	94

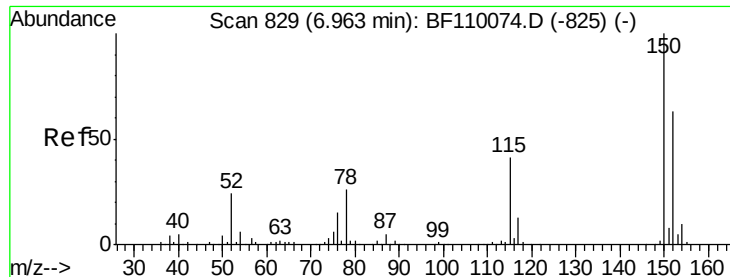
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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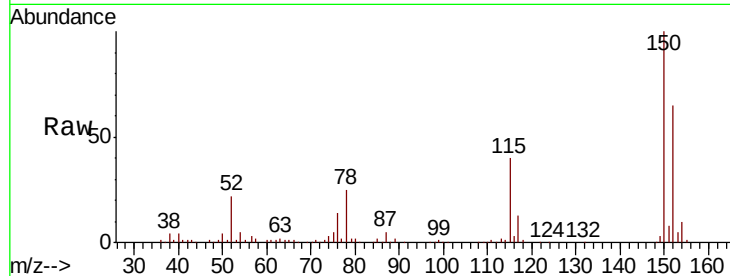


#1

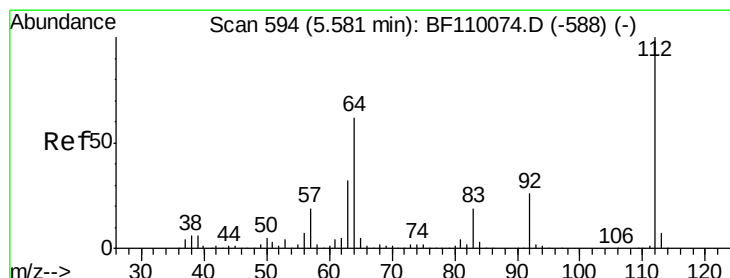
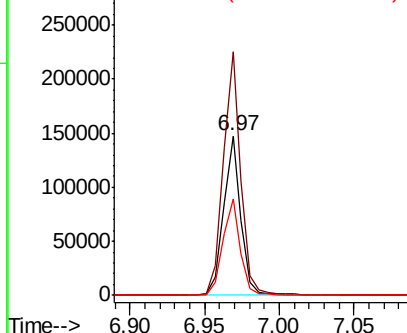
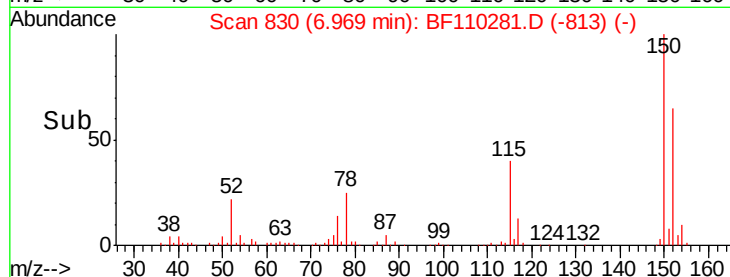
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF110281.D
Acq: 30 Oct 2018 00:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 120460
Ion Ratio Lower Upper
152 100
150 152.8 122.7 184.1
115 60.5 49.1 73.7



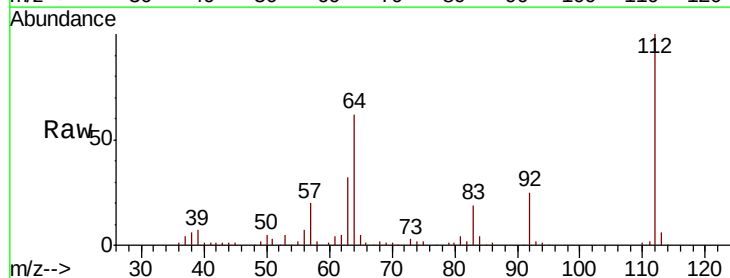
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



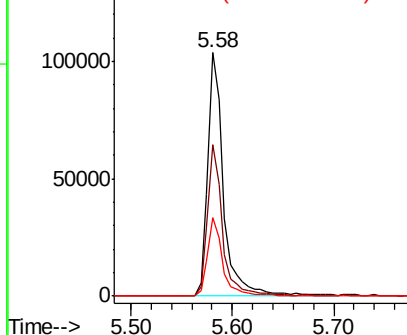
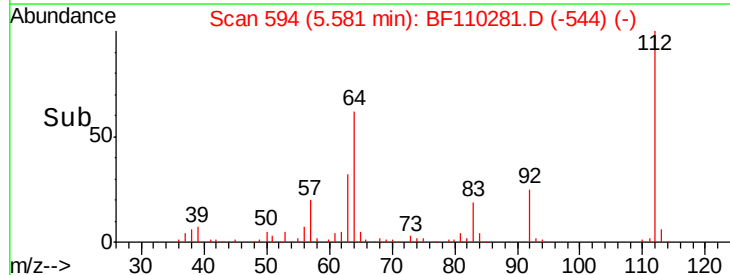
#5

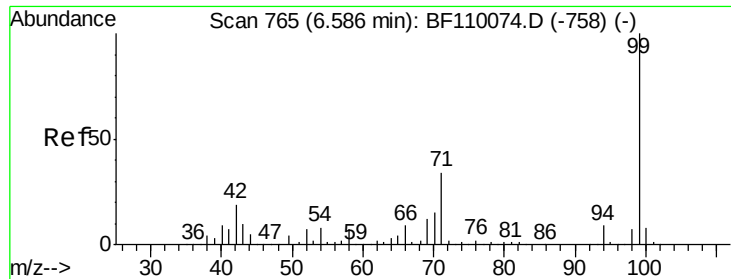
2-Fluorophenol
Concen: 15.243 ng
RT: 5.58 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF110281.D
Acq: 30 Oct 2018 00:00

Tgt Ion:112 Resp: 112753
Ion Ratio Lower Upper
112 100
64 62.1 44.1 66.1
63 32.0 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: 15.276 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110281.D

Acq: 30 Oct 2018 00:00

Instrument :

BNA_F

ClientSampleId :

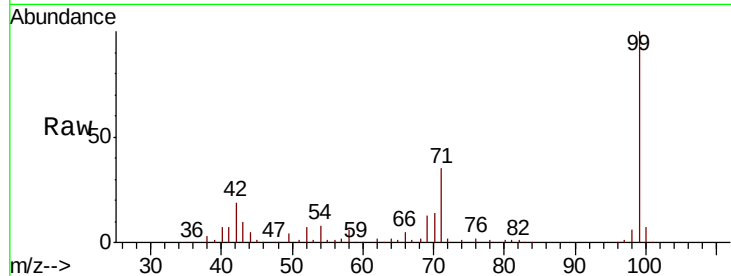
Tot Ion: 99 Resp: 144532

Ion Ratio Lower Upper

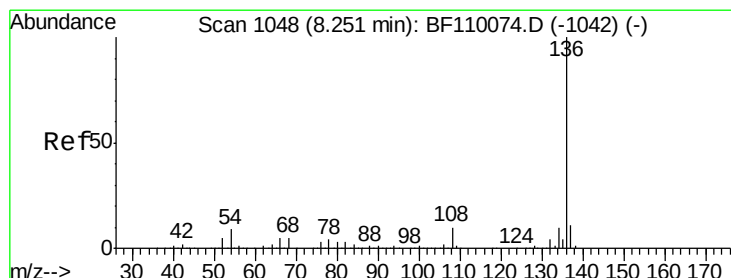
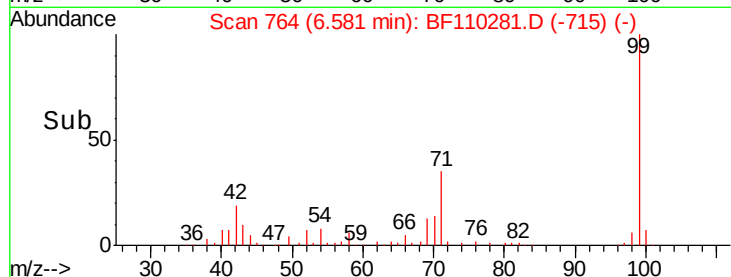
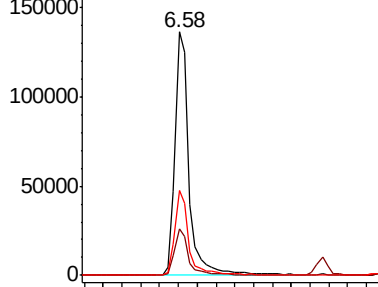
99 100

42 19.1 15.8 23.6

71 34.7 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. -0.00 min

Lab File: BF110281.D

Acq: 30 Oct 2018 00:00

Tgt Ion: 136 Resp: 464245

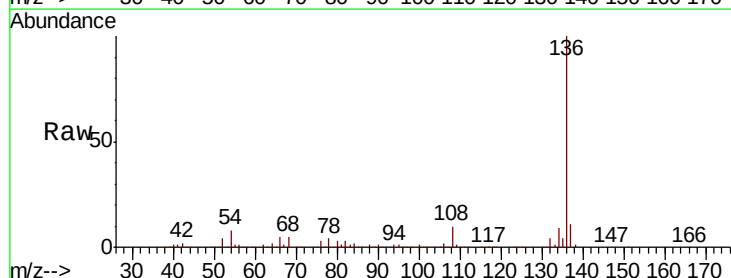
Ion Ratio Lower Upper

136 100

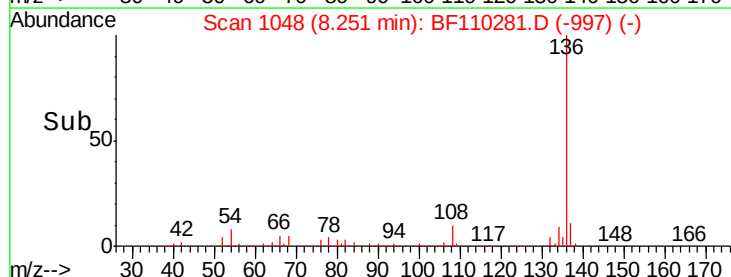
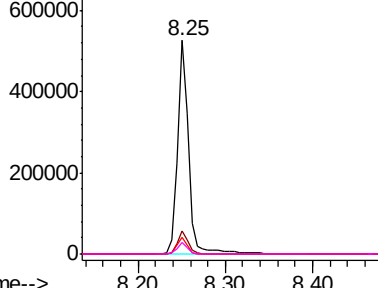
137 10.9 8.8 13.2

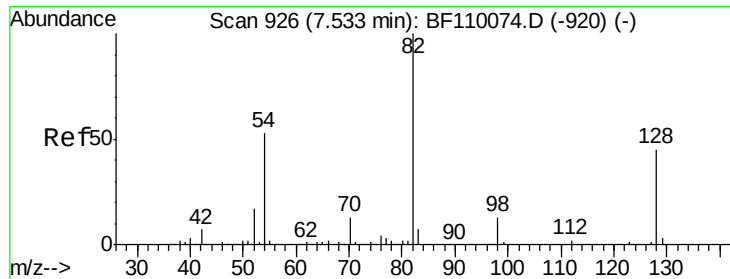
54 7.9 5.4 8.2

68 5.2 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

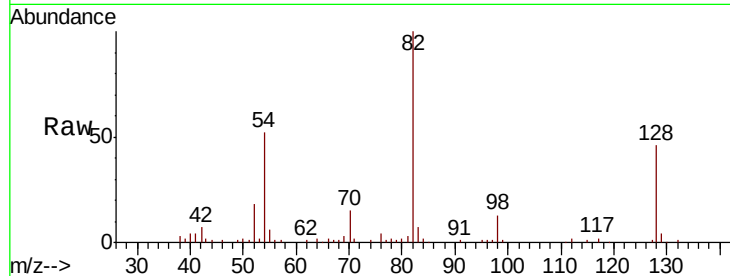




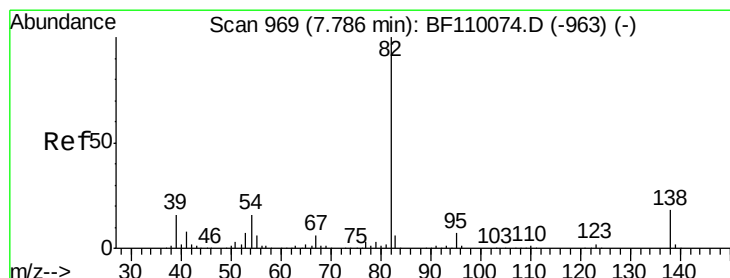
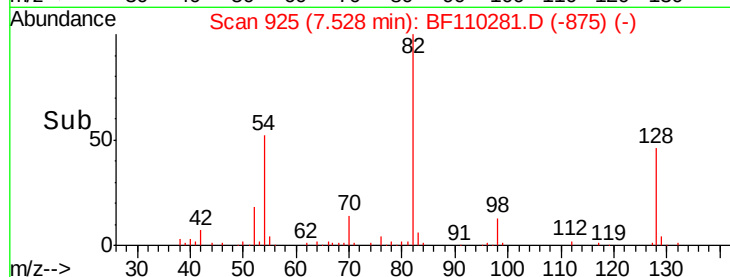
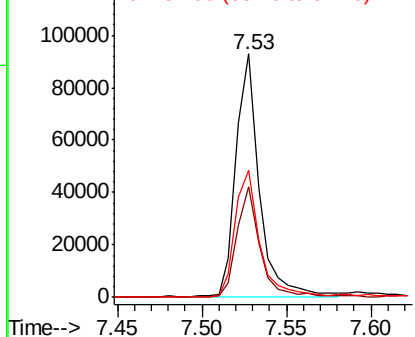
#23
Nitrobenzene-d5
Concen: 11.551 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF110281.D
Acq: 30 Oct 2018 00:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	90409
Ion Ratio	Lower	Upper	
82	100		
128	45.6	34.2	51.2
54	52.2	38.6	58.0

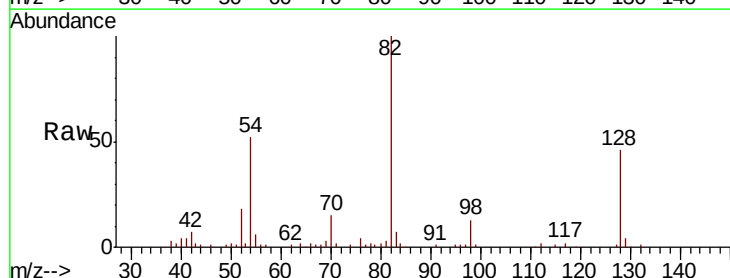


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

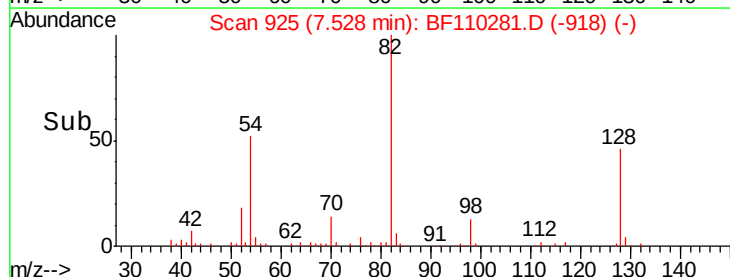
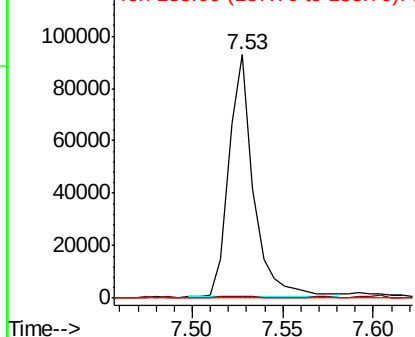


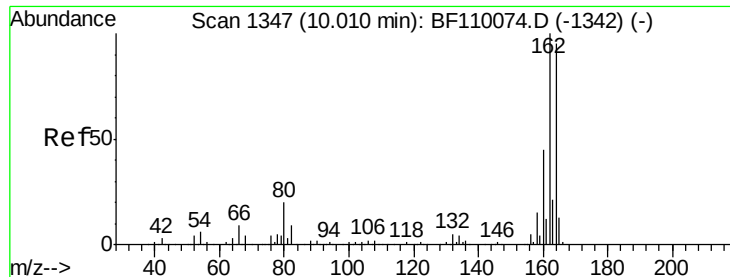
#25
Isophorone
Concen: 6.602 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.26 min
Lab File: BF110281.D
Acq: 30 Oct 2018 00:00

Tgt Ion	82	Resp	88078
Ion Ratio	Lower	Upper	
82	100		
95	0.6	5.7	8.5#
138	0.0	13.2	19.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

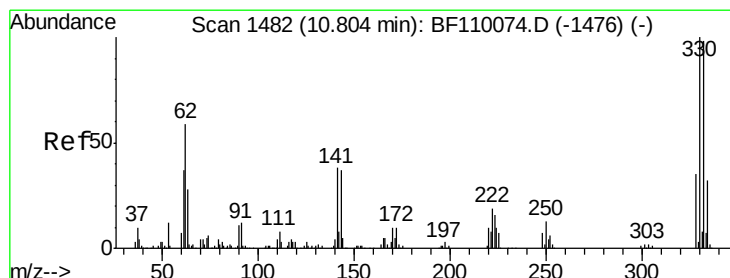
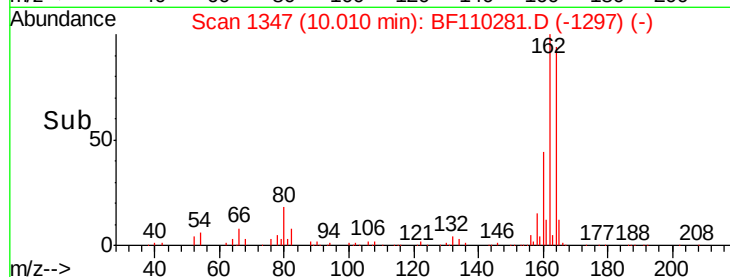
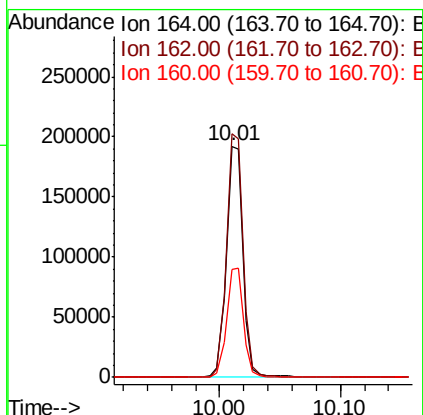
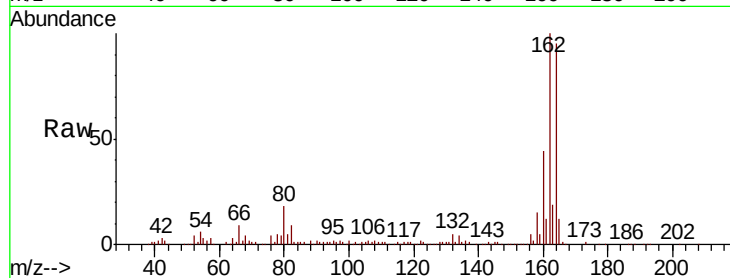




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF110281.D
Acq: 30 Oct 2018 00:00

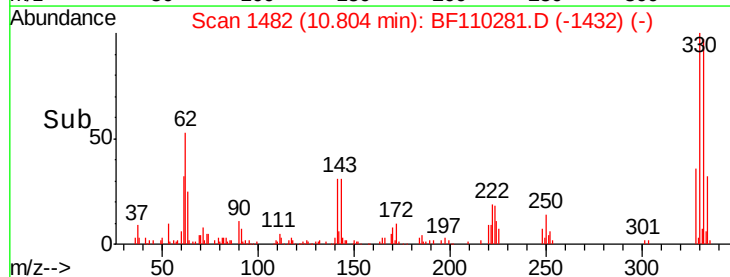
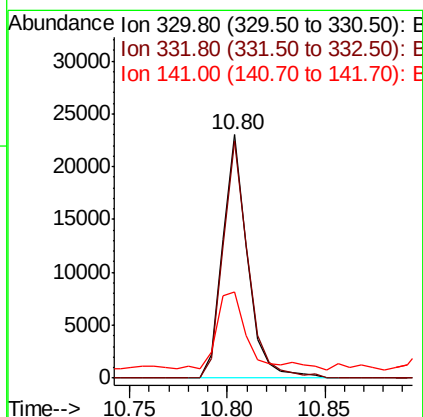
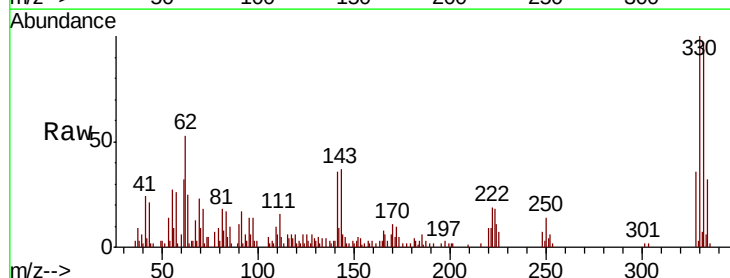
Instrument :
BNA_F
ClientSampleId :

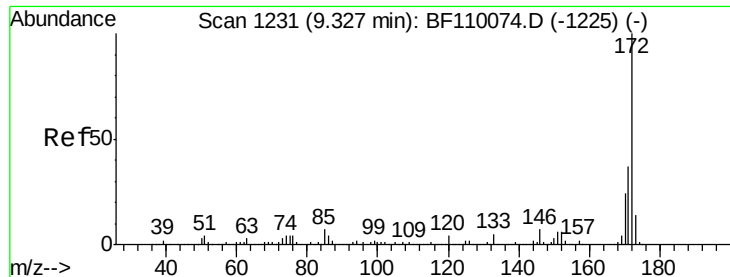
Tot Ion:164 Resp: 183500
Ion Ratio Lower Upper
164 100
162 105.2 83.0 124.6
160 46.4 37.0 55.6



#42
2,4,6-Tribromophenol
Concen: 11.221 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF110281.D
Acq: 30 Oct 2018 00:00

Tgt Ion:330 Resp: 20397
Ion Ratio Lower Upper
330 100
332 98.3 77.1 115.7
141 36.9 27.0 40.4

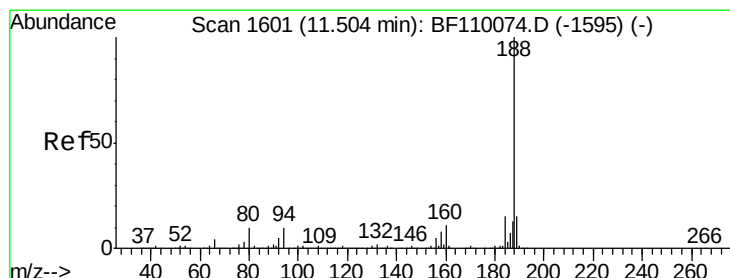
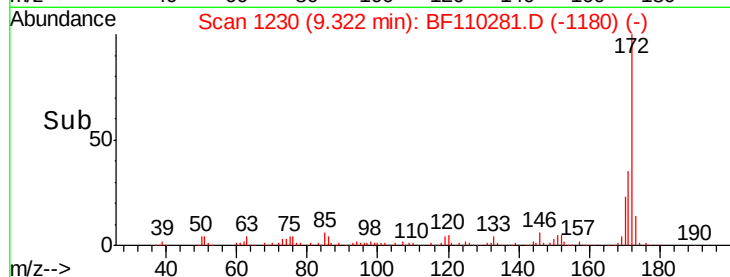
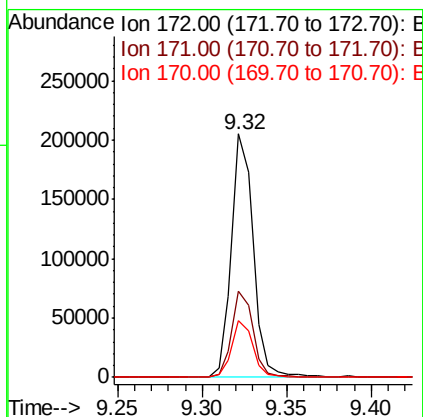
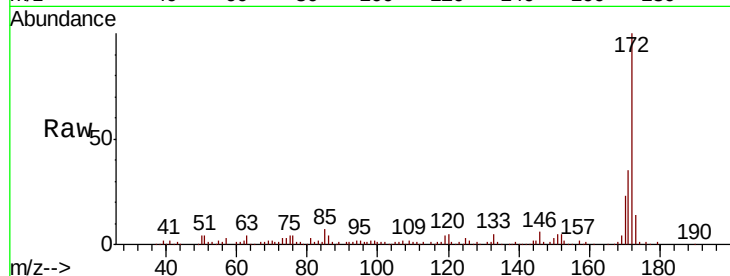




#45
2-Fluorobiphenyl
Concen: 15.794 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BF110281.D
Acq: 30 Oct 2018 00:00

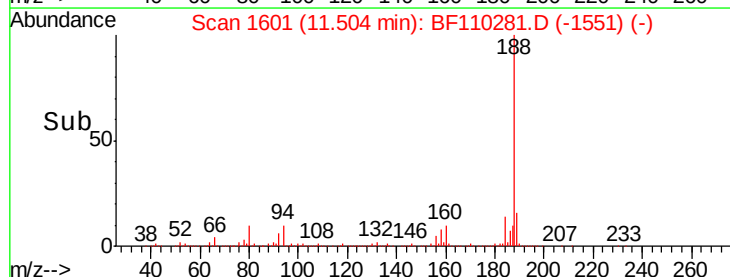
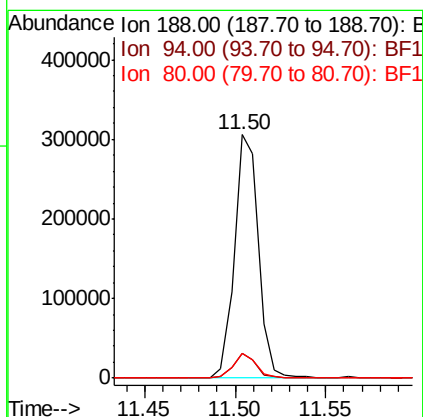
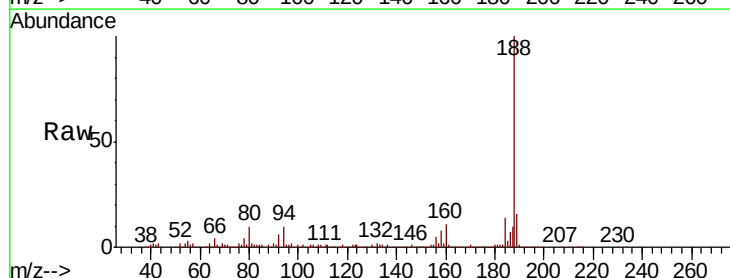
Instrument :
BNA_F
ClientSampled :

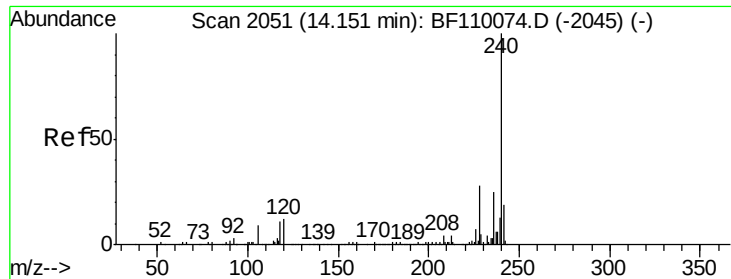
Tot Ion:172 Resp: 184574
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 23.5 19.7 29.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110281.D
Acq: 30 Oct 2018 00:00

Tgt Ion:188 Resp: 281513
Ion Ratio Lower Upper
188 100
94 10.0 7.2 10.8
80 10.1 7.9 11.9

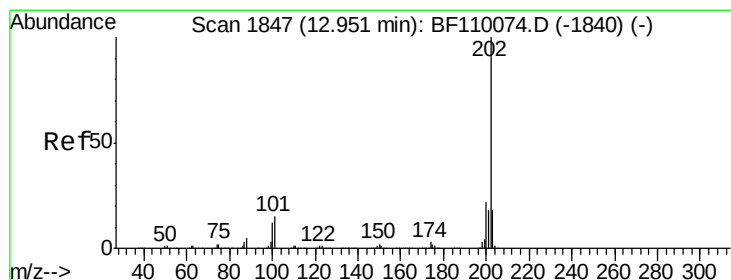
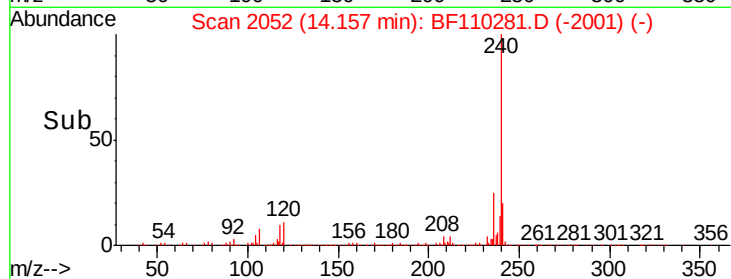
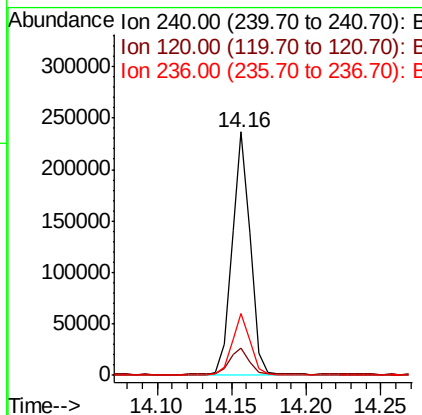
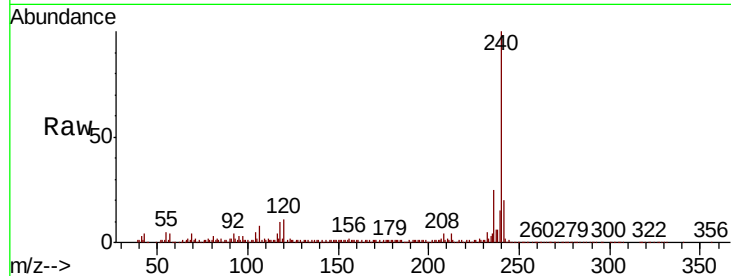




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BF110281.D
Acq: 30 Oct 2018 00:00

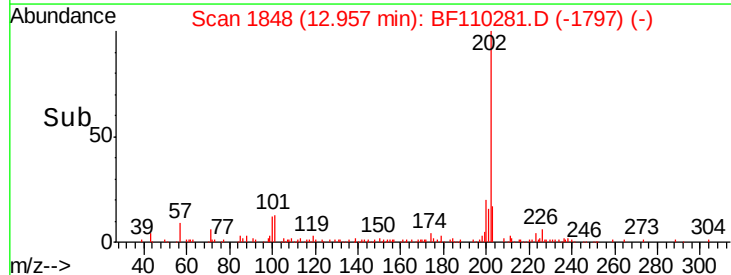
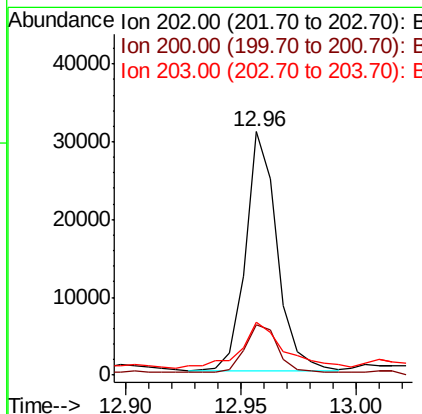
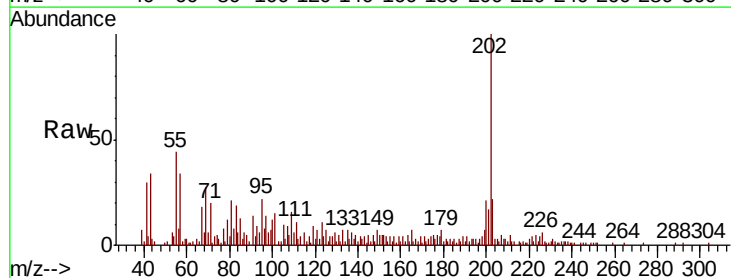
Instrument :
BNA_F
ClientSampleId :

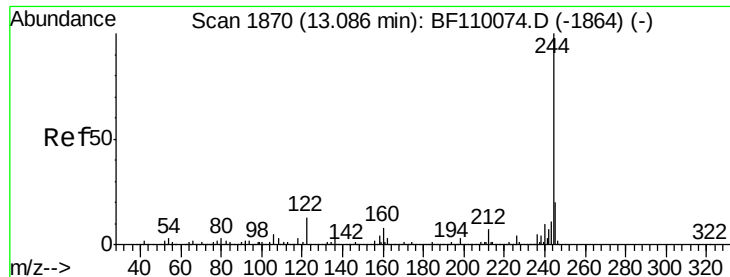
Tot Ion:240 Resp: 203140
Ion Ratio Lower Upper
240 100
120 11.5 8.3 12.5
236 25.3 21.2 31.8



#78
Pyrene
Concen: 2.020 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.00 min
Lab File: BF110281.D
Acq: 30 Oct 2018 00:00

Tgt Ion:202 Resp: 29420
Ion Ratio Lower Upper
202 100
200 20.7 17.8 26.6
203 21.6 14.2 21.4#

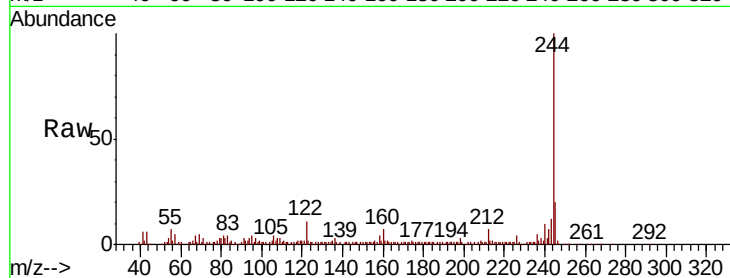




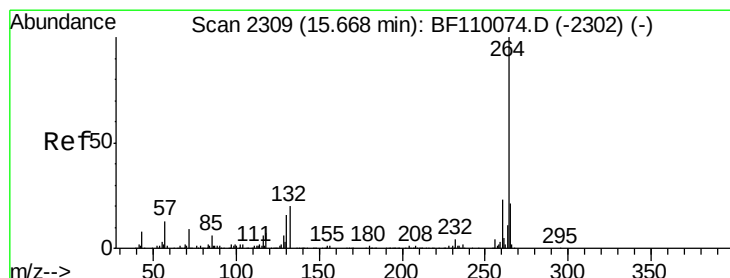
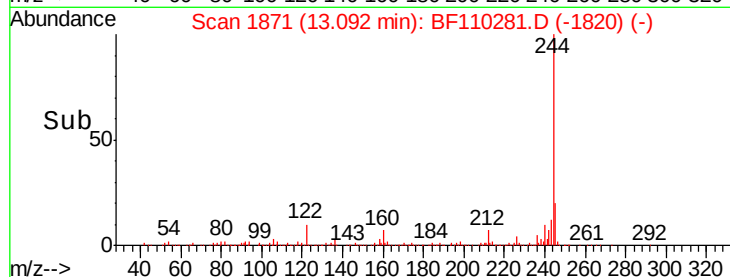
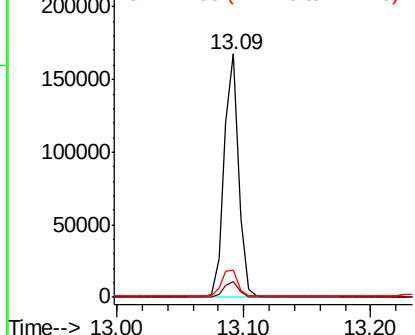
#79
 Terphenyl-d14
 Concen: 13.811 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. -0.00 min
 Lab File: BF110281.D
 Acq: 30 Oct 2018 00:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.8
122	11.0	8.7	13.1

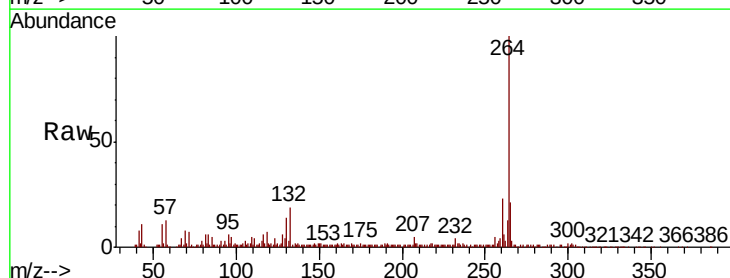


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2313
 Delta R.T. 0.01 min
 Lab File: BF110281.D
 Acq: 30 Oct 2018 00:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	21.5	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

