

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120918\
 Data File : BF111240.D
 Acq On : 10 Dec 2018 14:12
 Operator : JU/SJ
 Sample : 6243-03 20X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 10 15:12:02 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 01:15:27 2018
 Response via : Initial Calibration

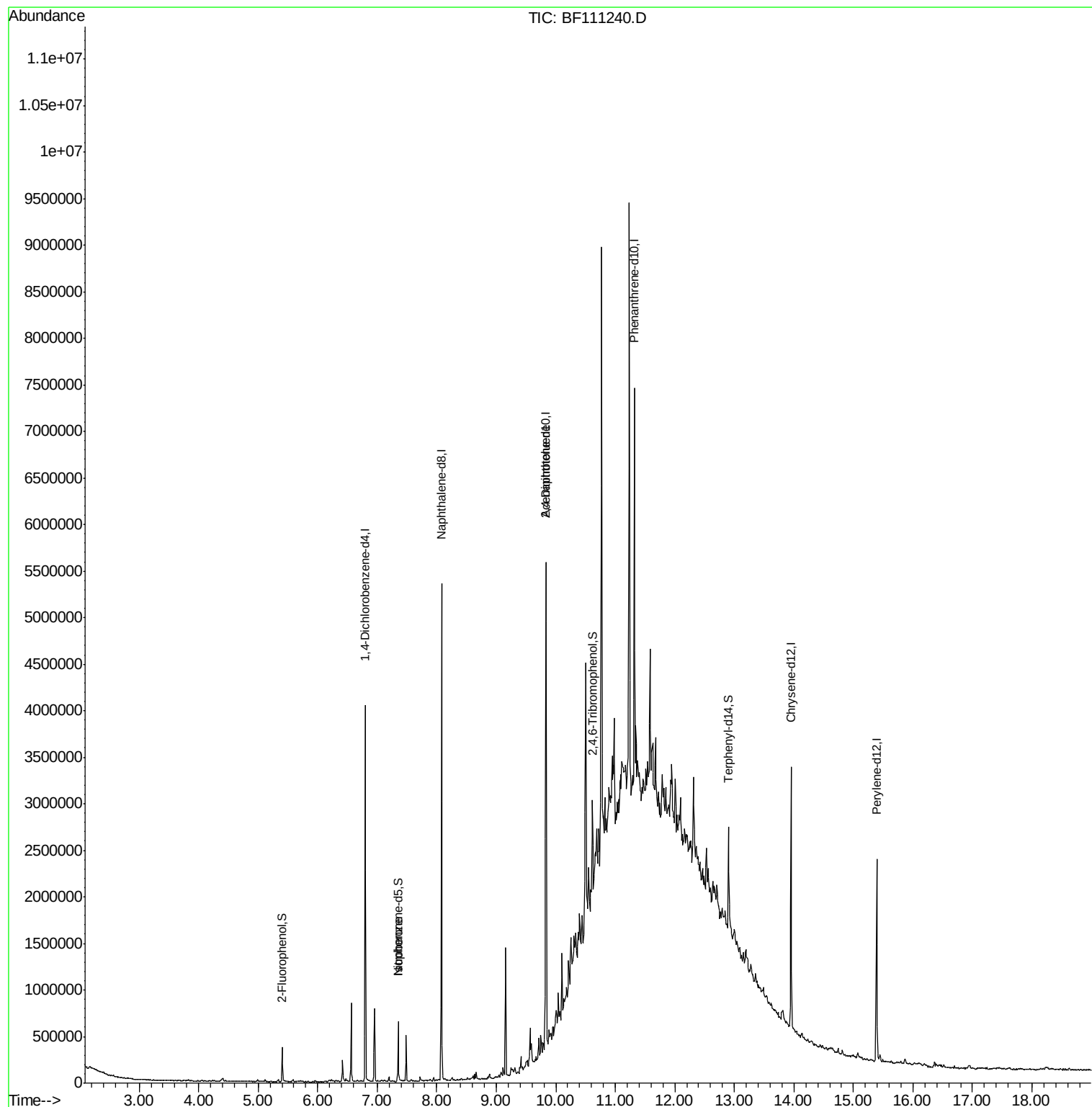
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	555341	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	2229706	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	1020796	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1589651	20.00	ng	0.00
76) Chrysene-d12	13.95	240	942393	20.00	ng	0.00
87) Perylene-d12	15.39	264	909226	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	105351	3.00	ng	0.00
7) Phenol-d6	6.42	99	78165	1.79	ng	-0.02
23) Nitrobenzene-d5	7.35	82	187685	4.72	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	61350	6.78	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	395534	1.63	ng	0.00
79) Terphenyl-d14	12.90	244	283109	7.21	ng	0.00
Target Compounds						
9) Benzaldehyde	6.35	77	695	Below Cal	#	77
25) Isophorone	7.35	82	182017	2.688 ng	#	64
46) 1,1'-Biphenyl	9.26	154	1519	Below Cal	#	28
57) 2,4-Dinitrotoluene	9.83	165	137923	6.726 ng	#	25

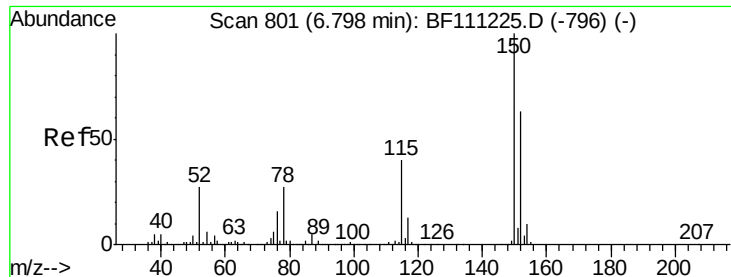
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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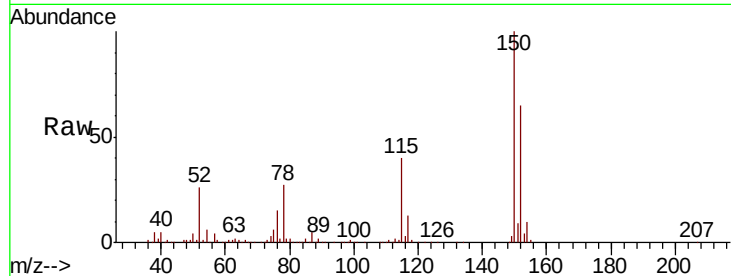


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF111240.D
Acq: 10 Dec 2018 14:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	126.6	189.8
115	61.6	50.7	76.1

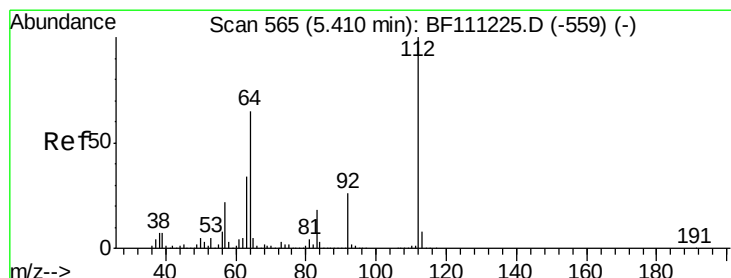
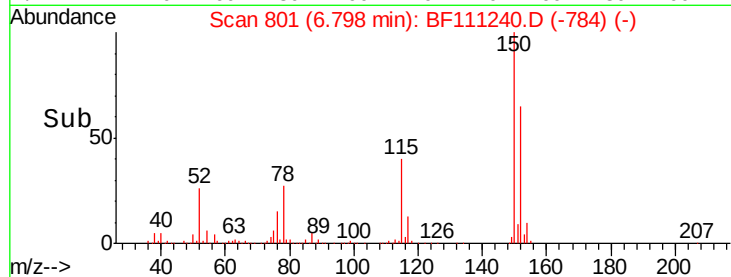
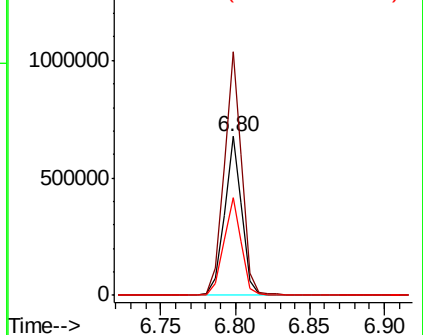


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

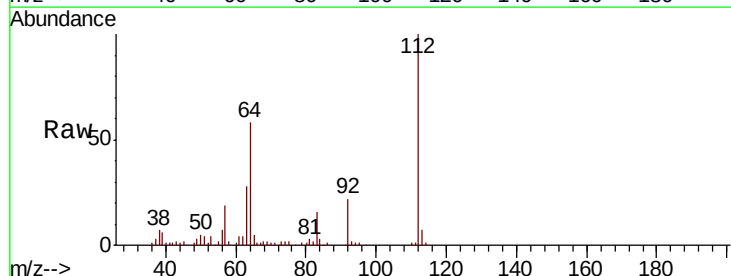
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 2.996 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF111240.D
Acq: 10 Dec 2018 14:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.5	51.8	77.6
63	27.8	26.8	40.2

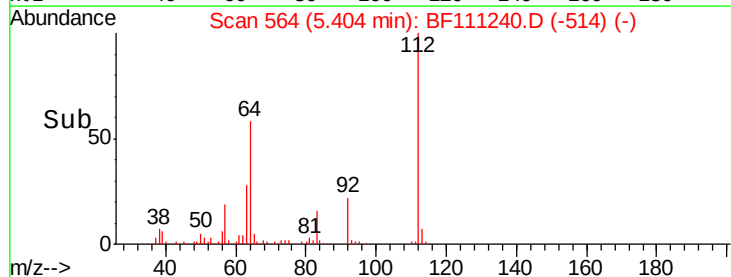
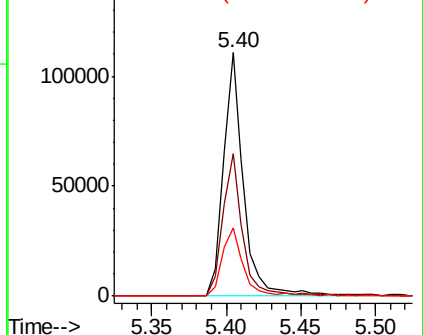


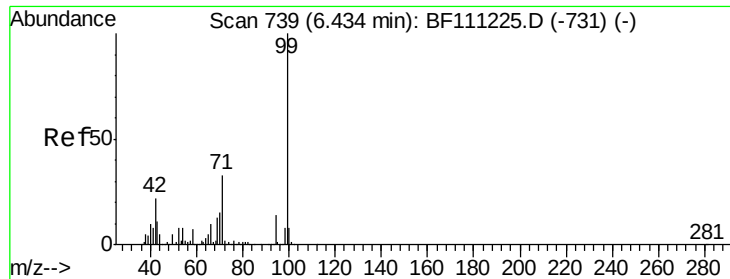
Abundance

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: 1.788 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.02 min

Lab File: BF111240.D

Acq: 10 Dec 2018 14:12

Instrument :

BNA_F

ClientSampled :

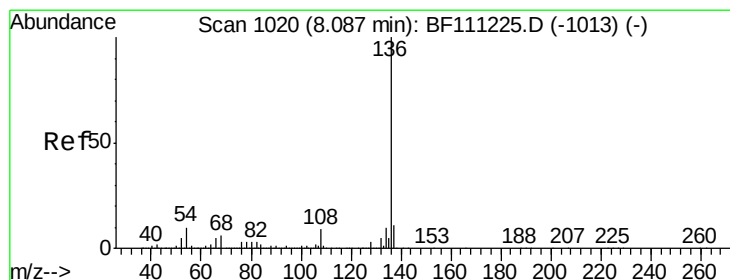
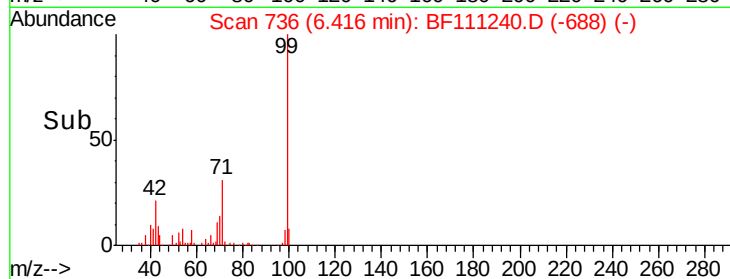
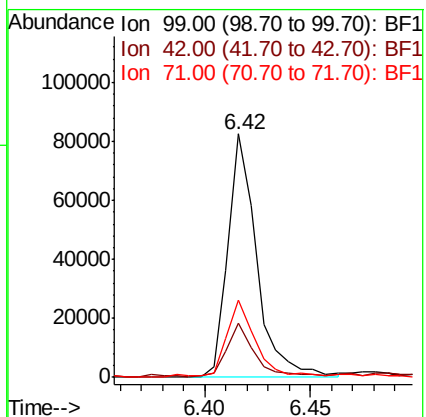
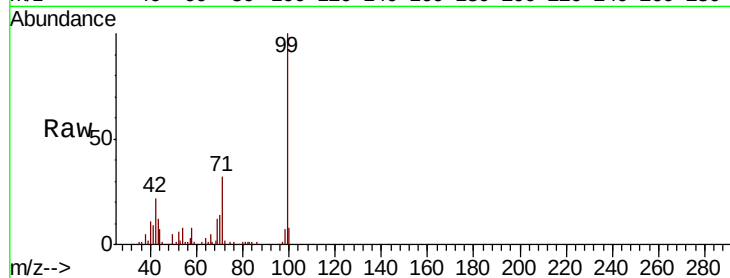
Tot Ion: 99 Resp: 78165

Ion Ratio Lower Upper

99 100

42 22.0 17.4 26.0

71 31.9 26.1 39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF111240.D

Acq: 10 Dec 2018 14:12

Tgt Ion: 136 Resp: 2229706

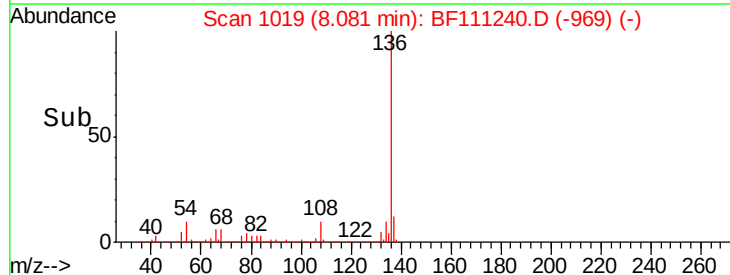
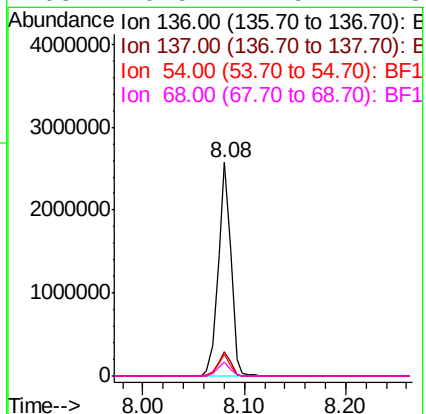
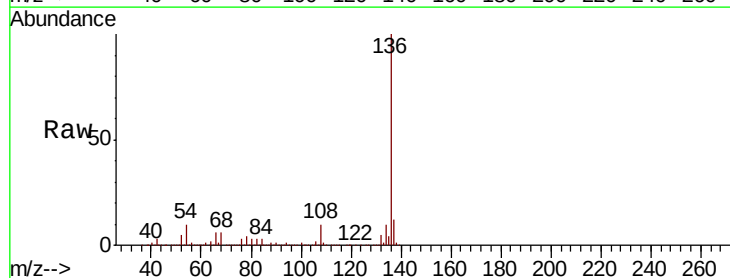
Ion Ratio Lower Upper

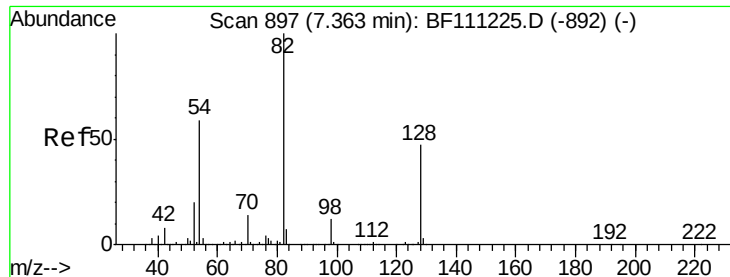
136 100

137 11.7 9.1 13.7

54 10.2 7.7 11.5

68 6.5 4.9 7.3

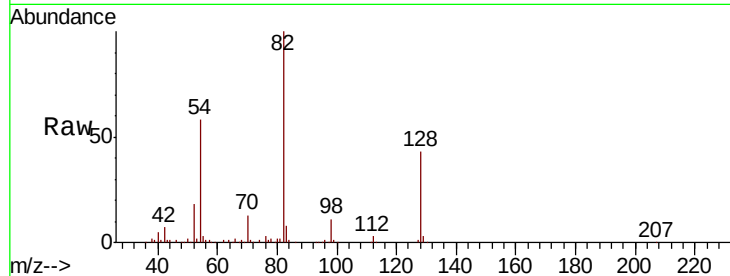




#23
Nitrobenzene-d5
Concen: 4.721 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111240.D
Acq: 10 Dec 2018 14:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	187685
Ion Ratio	Lower	Upper	
82	100		
128	43.3	37.4	56.2
54	57.6	47.6	71.4

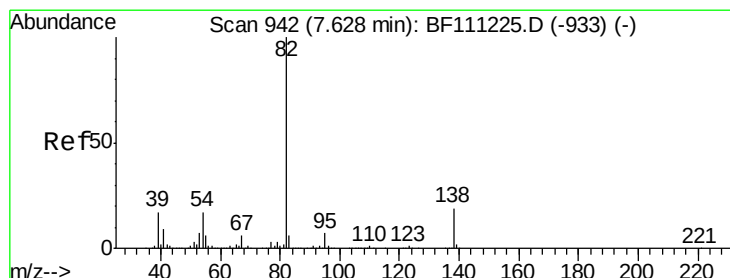
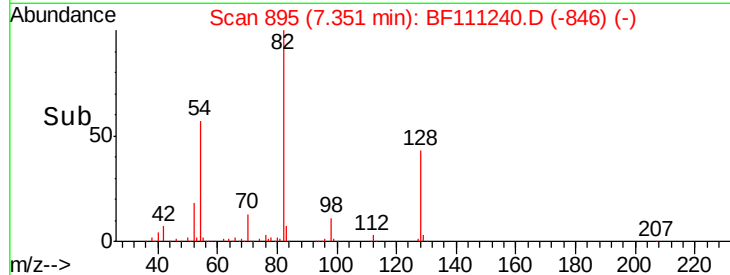
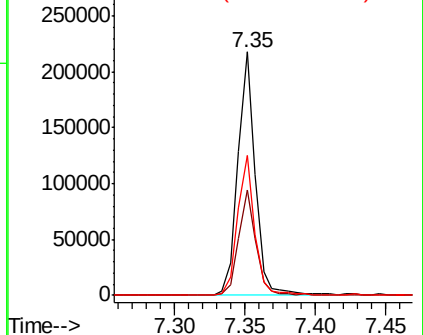


Abundance

Ion 82.00 (81.70 to 82.70): BF1

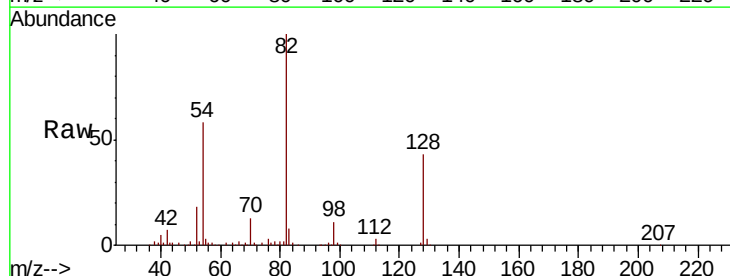
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25
Isophorone
Concen: 2.688 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.28 min
Lab File: BF111240.D
Acq: 10 Dec 2018 14:12

Tgt Ion	82	Resp	182017
Ion Ratio	Lower	Upper	
82	100		
95	0.2	5.4	8.2#
138	0.0	15.1	22.7#

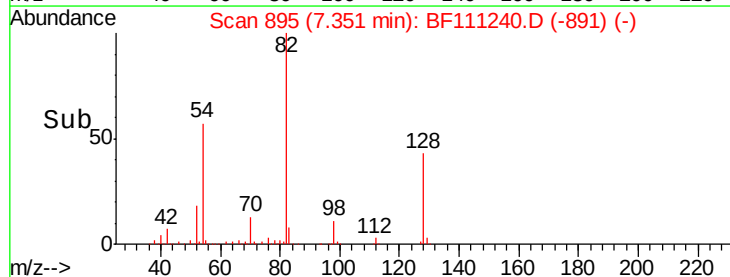
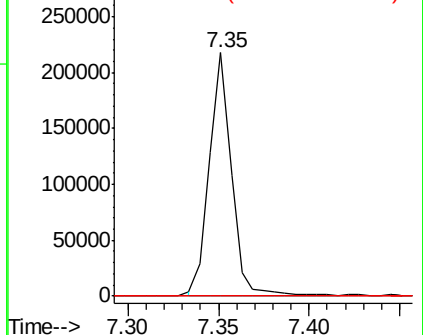


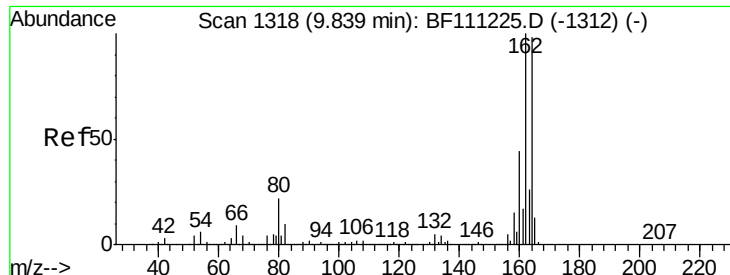
Abundance

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: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF111240.D

Acq: 10 Dec 2018 14:12

Instrument :

BNA_F

ClientSampleId :

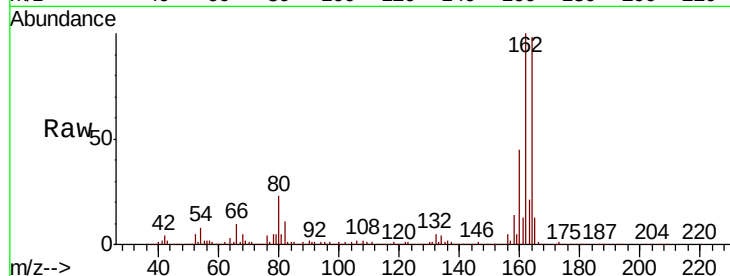
Tot Ion:164 Resp: 1020796

Ion Ratio Lower Upper

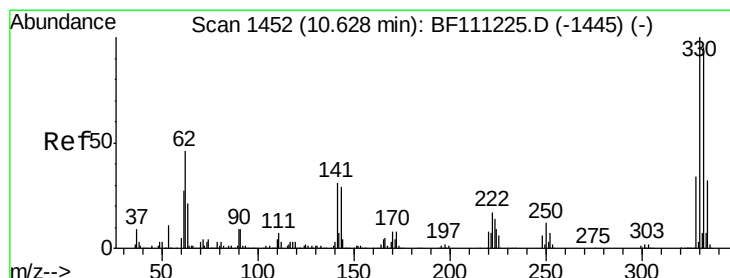
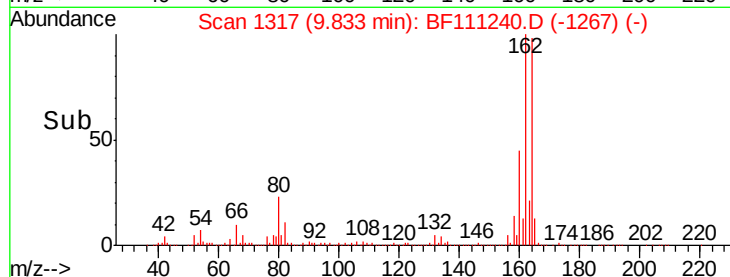
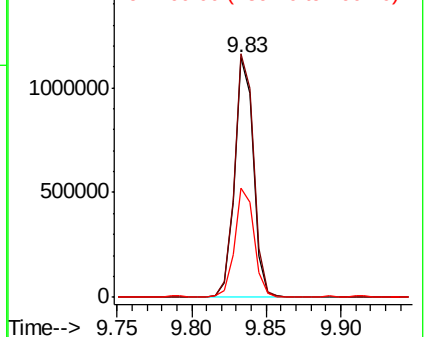
164 100

162 101.7 81.4 122.0

160 45.4 35.7 53.5



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: 6.785 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF111240.D

Acq: 10 Dec 2018 14:12

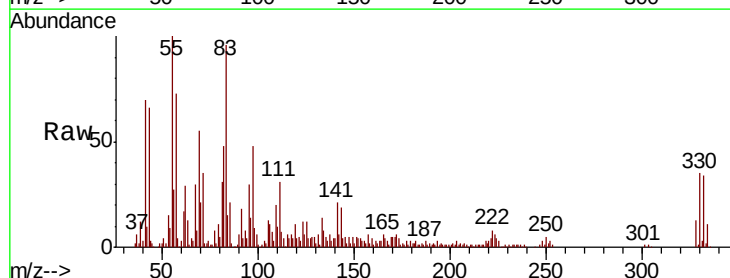
Tgt Ion:330 Resp: 61350

Ion Ratio Lower Upper

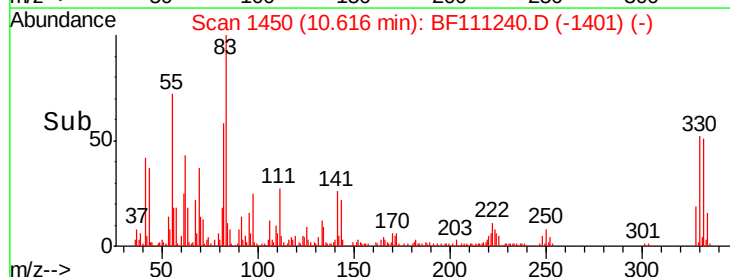
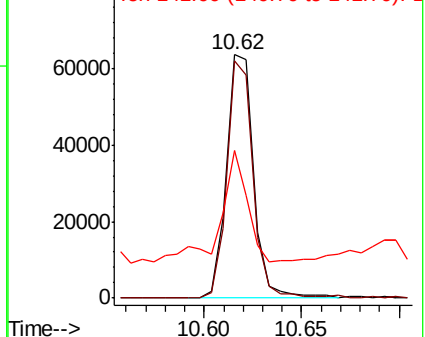
330 100

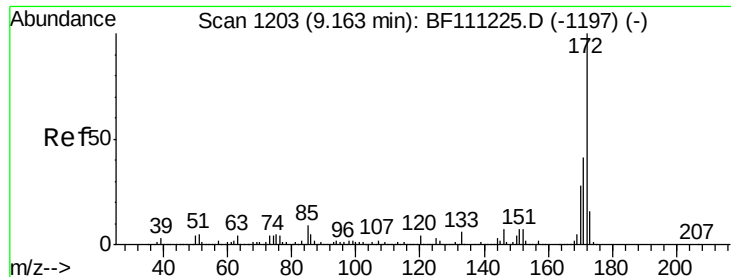
332 94.3 76.0 114.0

141 44.6 31.0 46.6



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

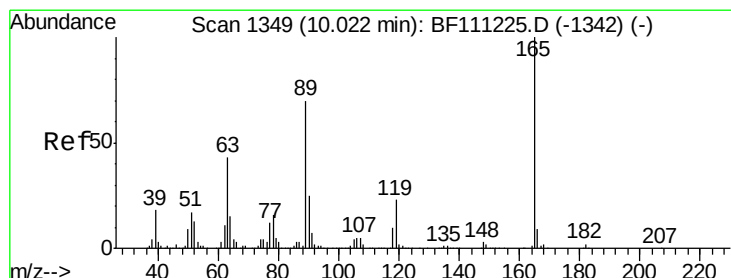
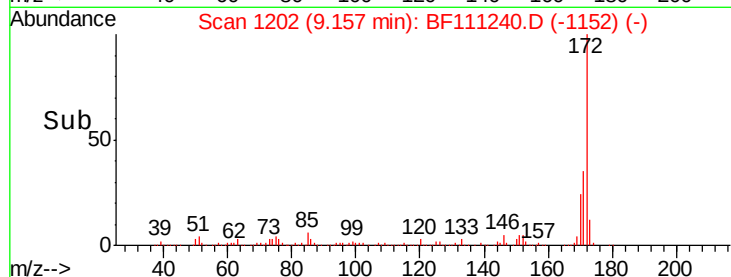
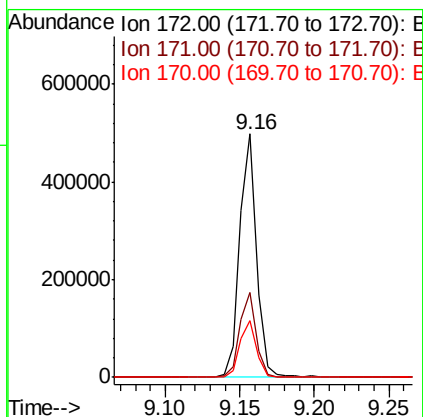
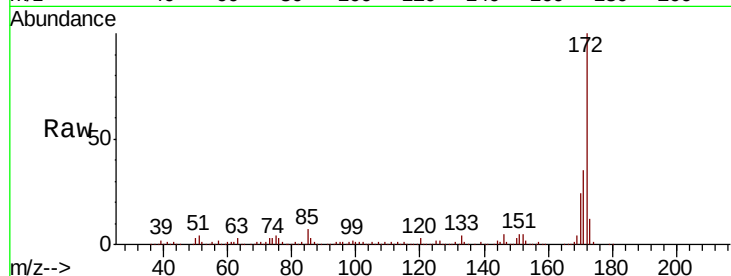




#45
2-Fluorobiphenyl
Concen: 1.628 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF111240.D
Acq: 10 Dec 2018 14:12

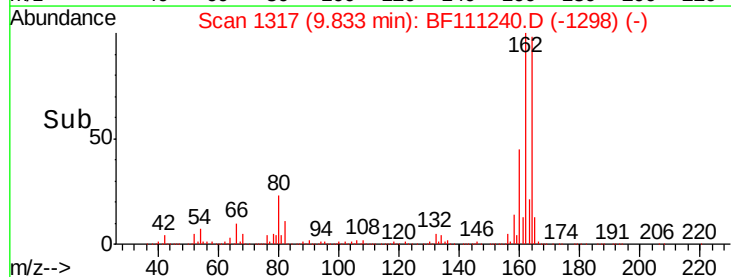
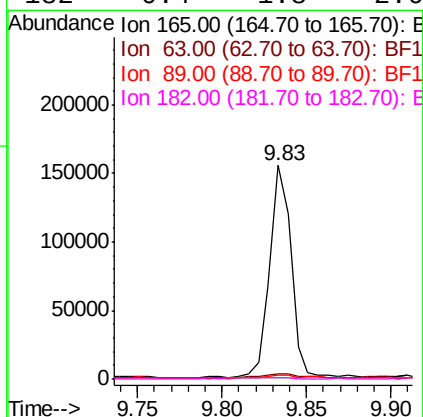
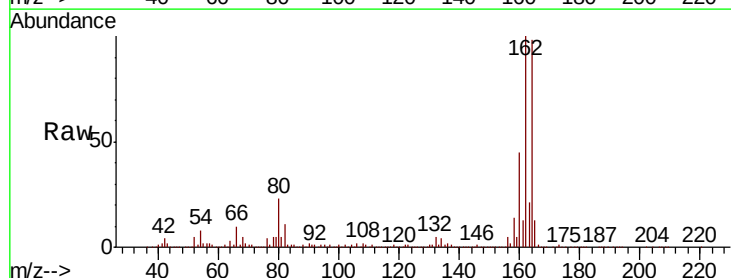
Instrument :
BNA_F
ClientSampleId :

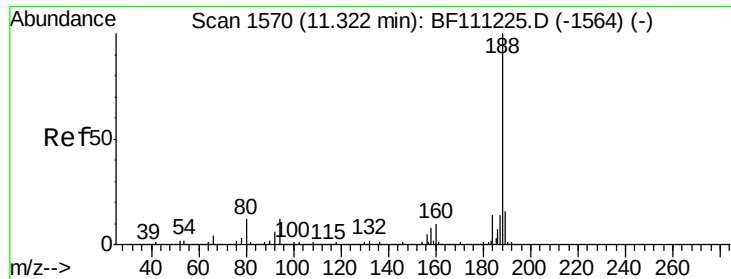
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	33.0	49.4
170	23.5	22.3	33.5



#57
2,4-Dinitrotoluene
Concen: 6.726 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.19 min
Lab File: BF111240.D
Acq: 10 Dec 2018 14:12

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.2	34.6	52.0#
89	1.8	56.2	84.4#
182	0.4	1.8	2.6#

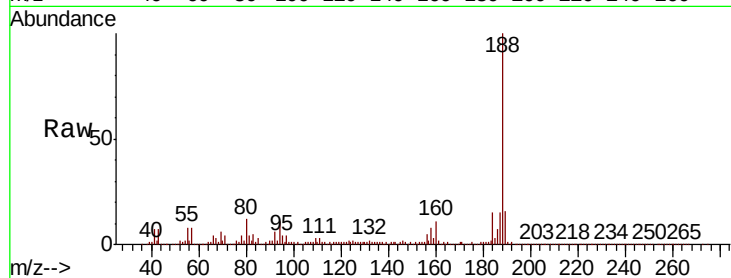




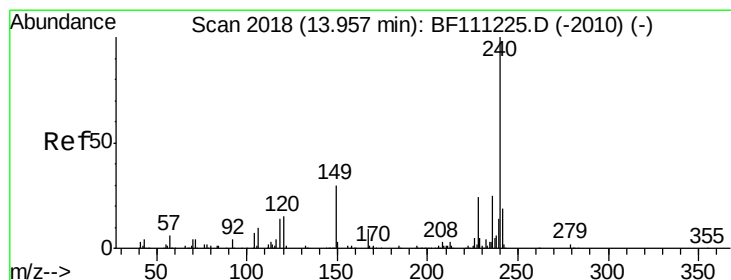
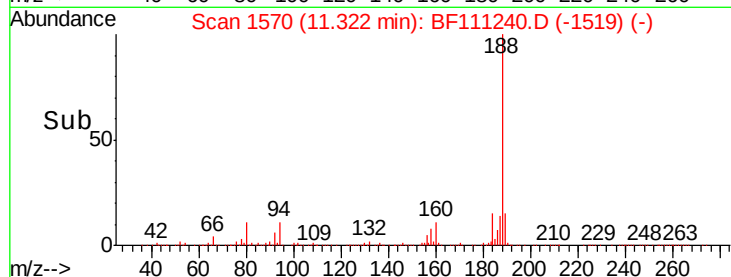
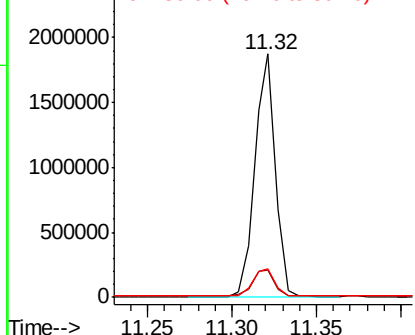
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF111240.D
Acq: 10 Dec 2018 14:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 1589651
Ion Ratio Lower Upper
188 100
94 11.1 9.6 14.4
80 11.7 9.8 14.6

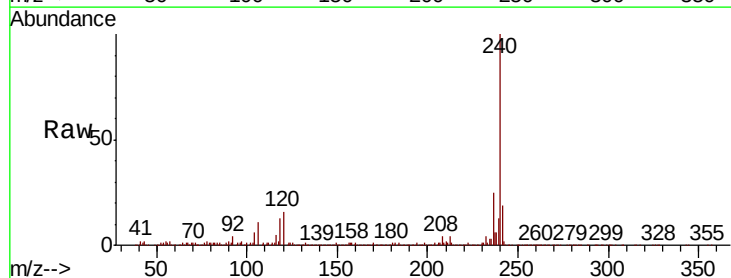


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

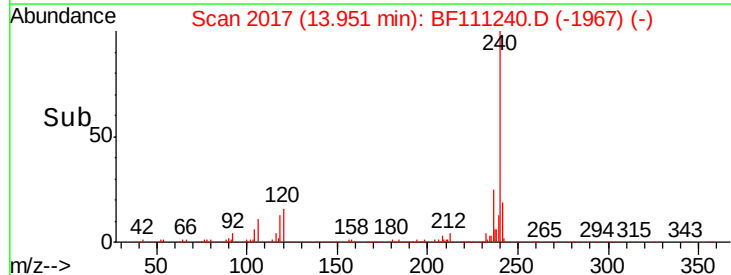
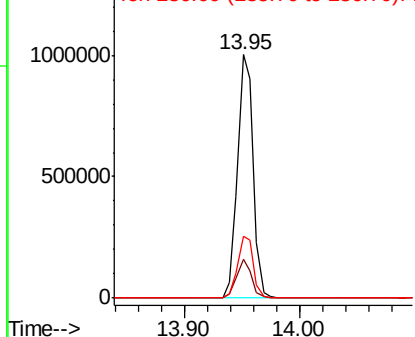


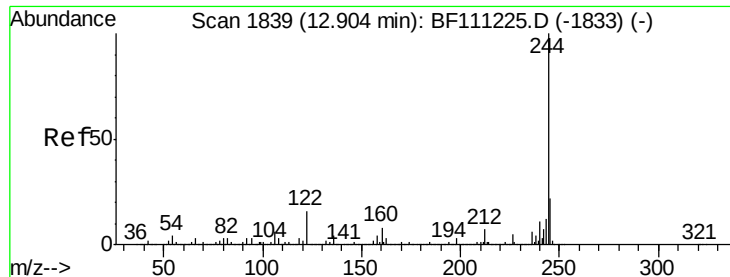
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF111240.D
Acq: 10 Dec 2018 14:12

Tgt Ion:240 Resp: 942393
Ion Ratio Lower Upper
240 100
120 16.0 12.2 18.2
236 25.4 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 7.206 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.00 min

Lab File: BF111240.D

Acq: 10 Dec 2018 14:12

Instrument :

BNA_F

ClientSampleId :

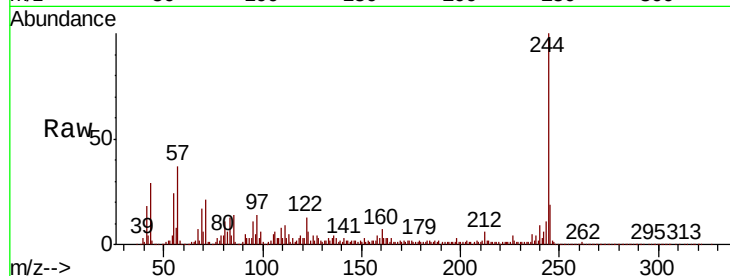
Tot Ion:244 Resp: 283109

Ion Ratio Lower Upper

244 100

212 6.4 5.7 8.5

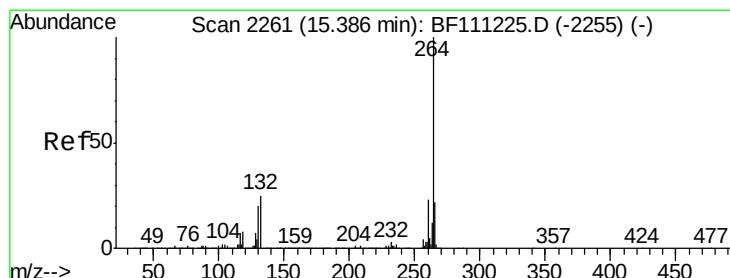
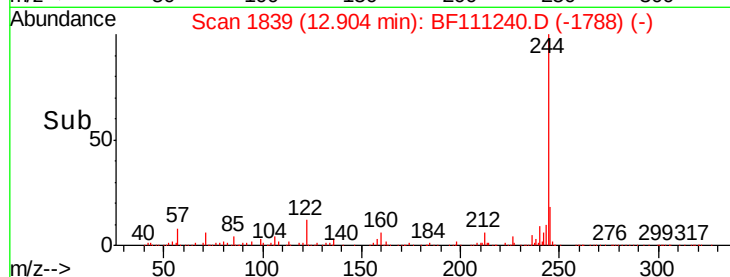
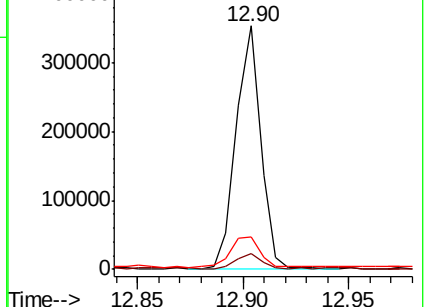
122 13.2 13.1 19.7



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: 15.39 min Scan# 2262

Delta R.T. 0.01 min

Lab File: BF111240.D

Acq: 10 Dec 2018 14:12

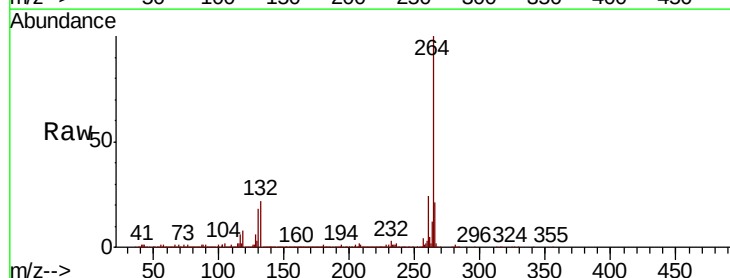
Tgt Ion:264 Resp: 909226

Ion Ratio Lower Upper

264 100

260 24.0 18.3 27.5

265 21.1 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

