

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
 Data File : BF117005.D
 Acq On : 12 Sep 2019 21:10
 Operator : HP/JU
 Sample : K4825-12 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 13 07:47:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 08:24:39 2019
 Response via : Initial Calibration

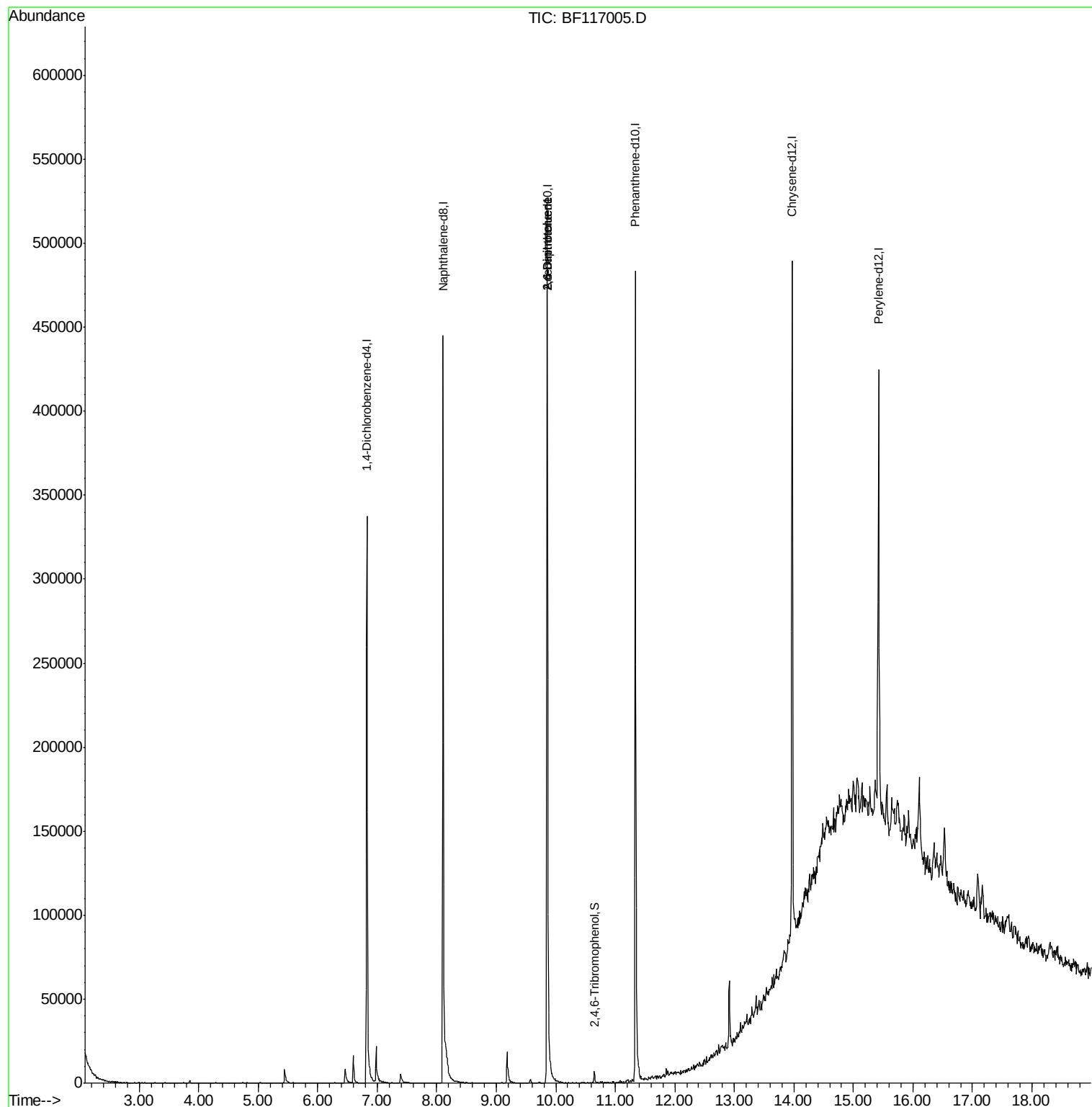
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	62590	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	280853	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	141555	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	215614	20.00	ng	0.00
76) Chrysene-d12	13.97	240	150230	20.00	ng	0.00
87) Perylene-d12	15.42	264	126971	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	6384	1.65	ng	0.00
7) Phenol-d6	6.46	99	8375	1.65	ng	0.00
23) Nitrobenzene-d5	7.39	82	4822	0.98	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	2073	2.19	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	15690	1.87	ng	0.00
79) Terphenyl-d14	12.92	244	13426	1.65	ng	0.00
Target Compounds						
51) 2,6-Dinitrotoluene	9.86	165	17014	9.125	ng	# 28
57) 2,4-Dinitrotoluene	9.86	165	17011	7.461	ng	# 20

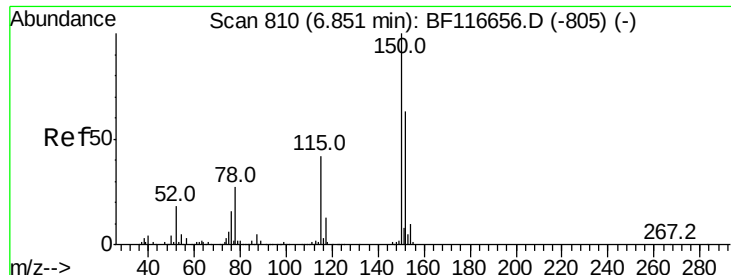
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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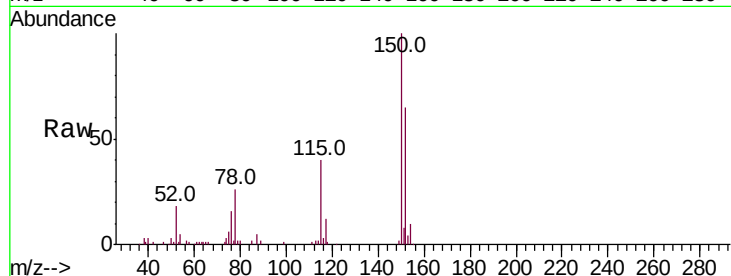


#1

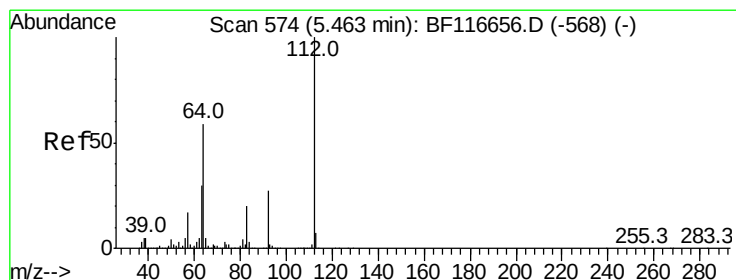
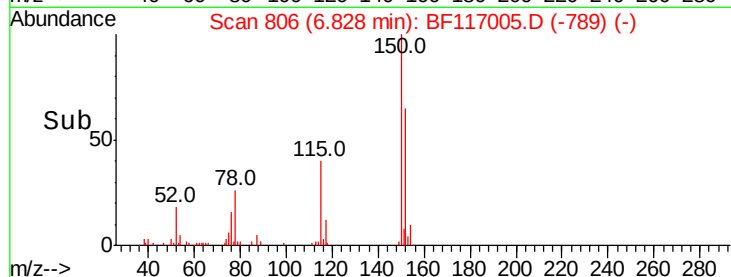
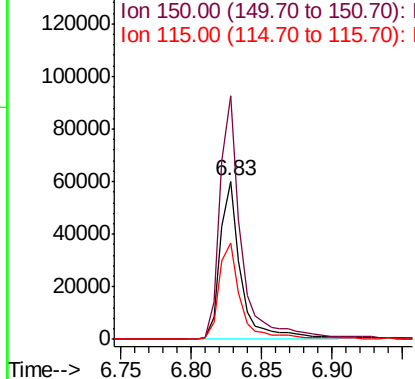
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF117005.D
Acq: 12 Sep 2019 21:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 62590
Ion Ratio Lower Upper
152 100
150 154.0 126.2 189.2
115 61.3 50.2 75.2



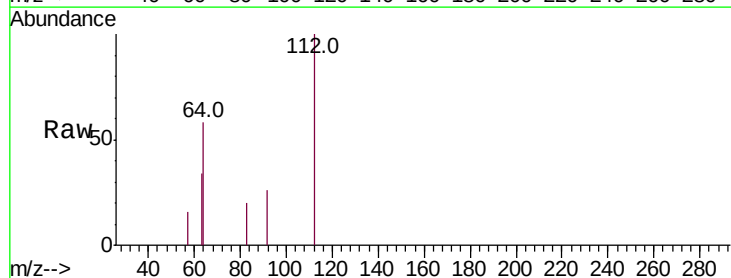
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



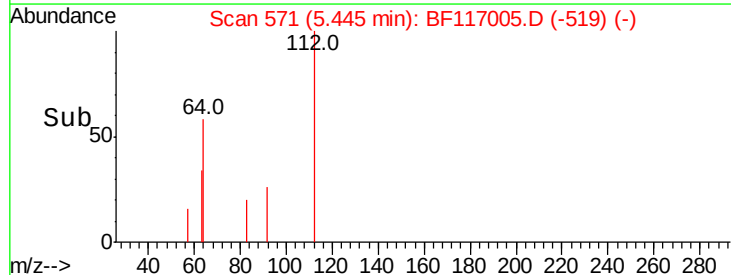
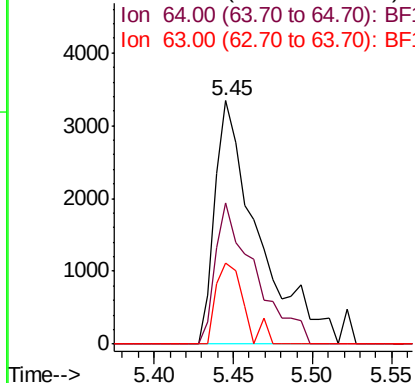
#5

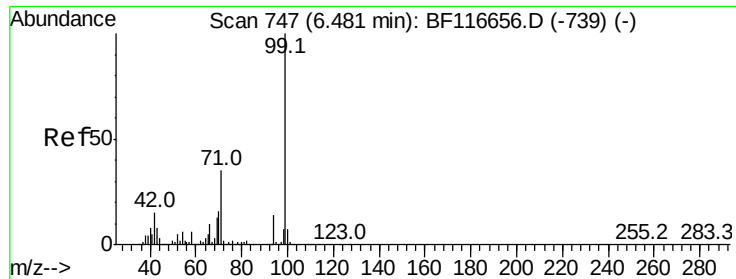
2-Fluorophenol
Concen: 1.652 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF117005.D
Acq: 12 Sep 2019 21:10

Tgt Ion:112 Resp: 6384
Ion Ratio Lower Upper
112 100
64 58.0 47.1 70.7
63 33.5 25.4 38.0



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: 1.651 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF117005.D

Acq: 12 Sep 2019 21:10

Instrument :

BNA_F

ClientSampled :

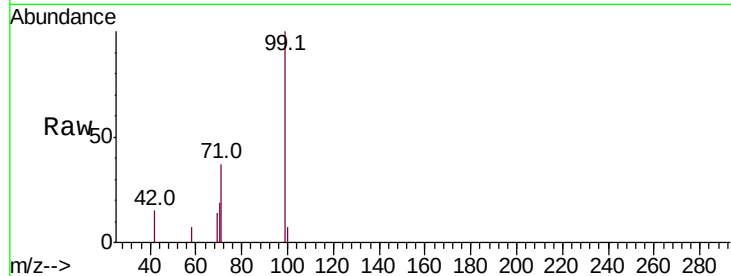
Tot Ion: 99 Resp: 8375

Ion Ratio Lower Upper

99 100

42 14.5 12.0 18.0

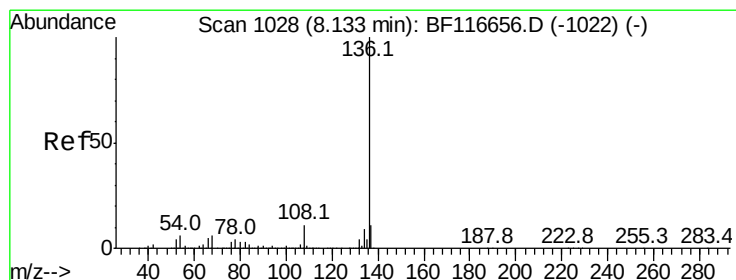
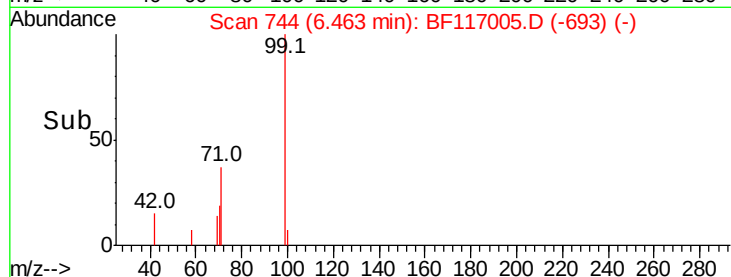
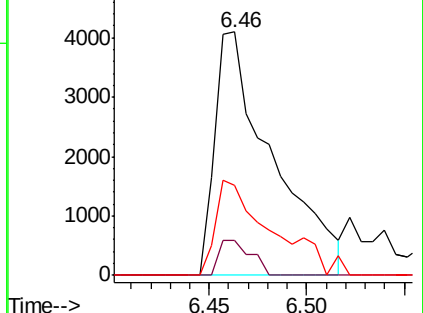
71 36.8 29.7 44.5



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: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF117005.D

Acq: 12 Sep 2019 21:10

Tgt Ion: 136 Resp: 280853

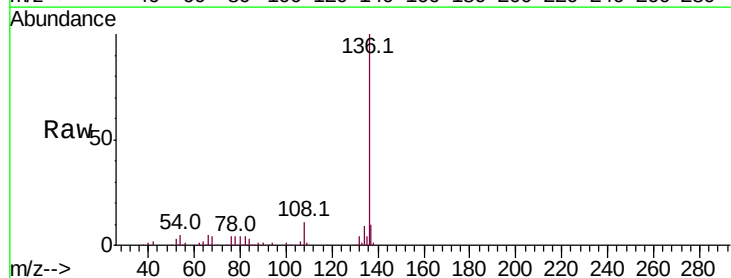
Ion Ratio Lower Upper

136 100

137 10.4 8.5 12.7

54 5.4 3.8 5.8

68 4.5 3.6 5.4

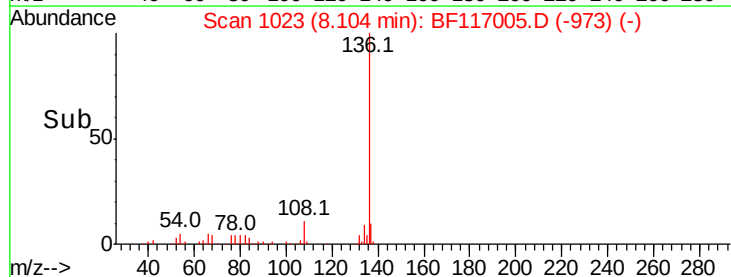
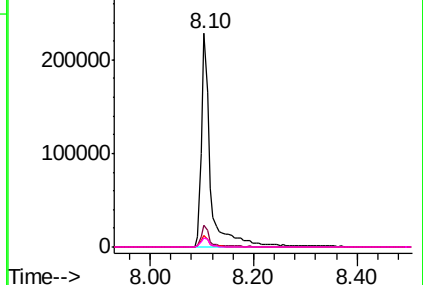


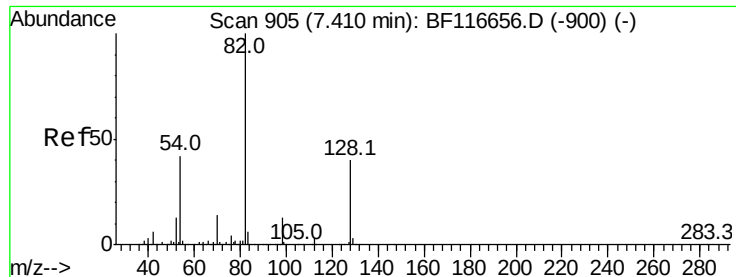
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.980 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.00 min

Lab File: BF117005.D

Acq: 12 Sep 2019 21:10

Instrument :

BNA_F

ClientSampleId :

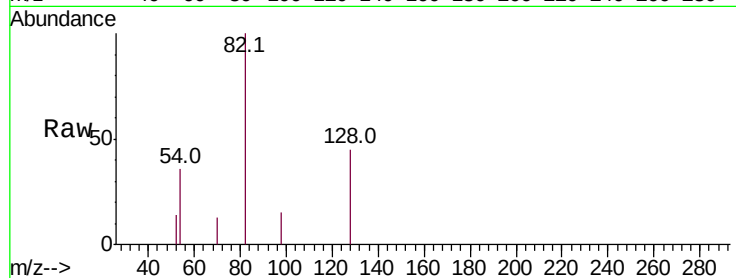
Tot Ion: 82 Resp: 4822

Ion Ratio Lower Upper

82 100

128 44.9 35.0 52.4

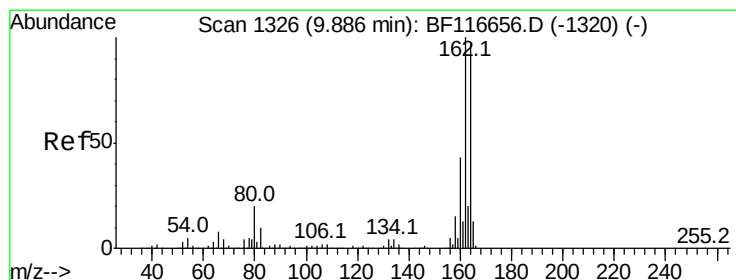
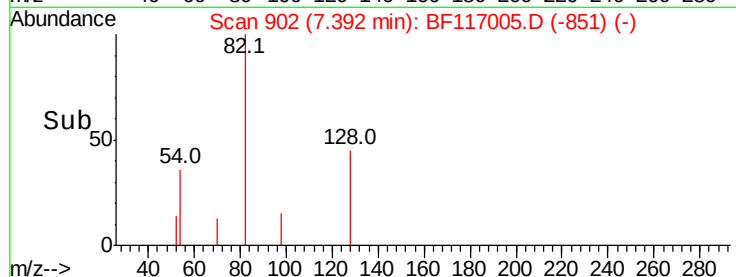
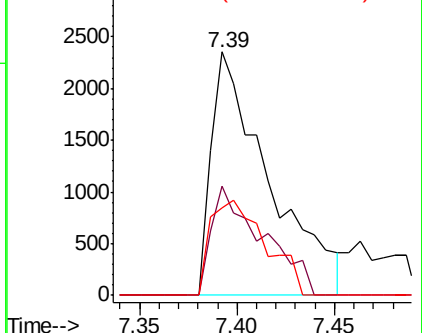
54 36.0 32.6 48.8



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.00 min

Lab File: BF117005.D

Acq: 12 Sep 2019 21:10

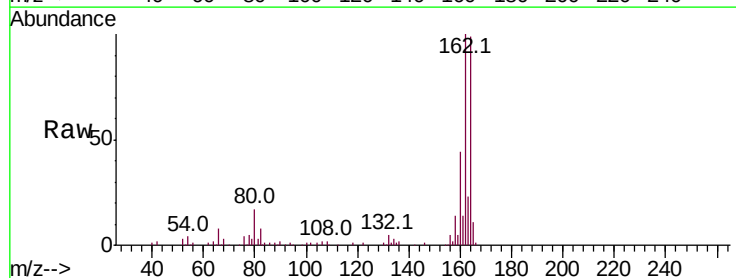
Tgt Ion: 164 Resp: 141555

Ion Ratio Lower Upper

164 100

162 101.5 81.8 122.6

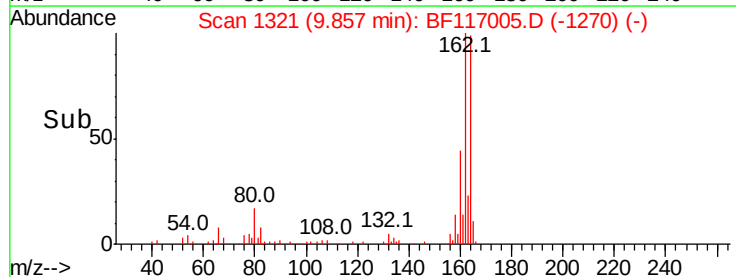
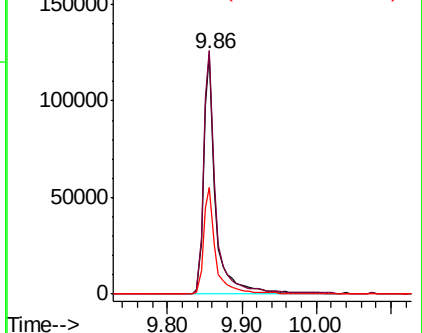
160 44.2 35.7 53.5

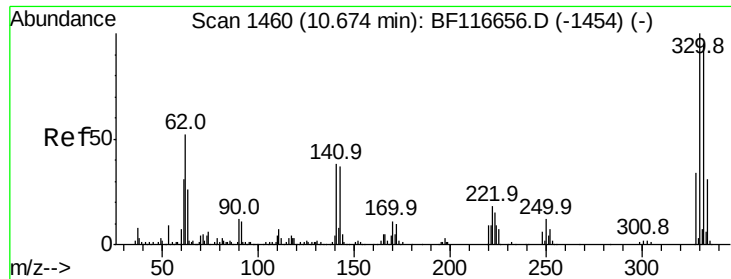


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

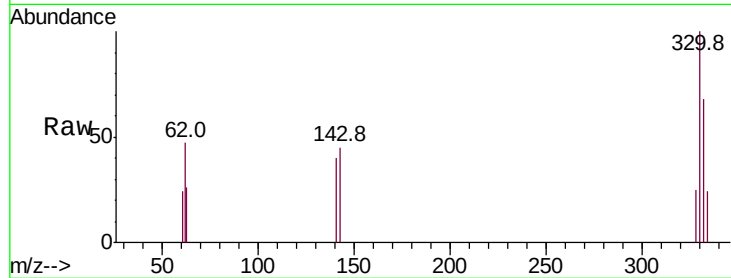




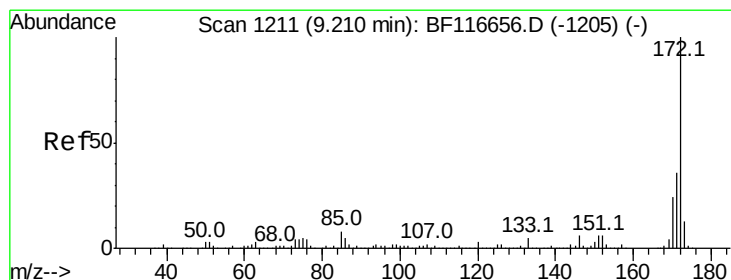
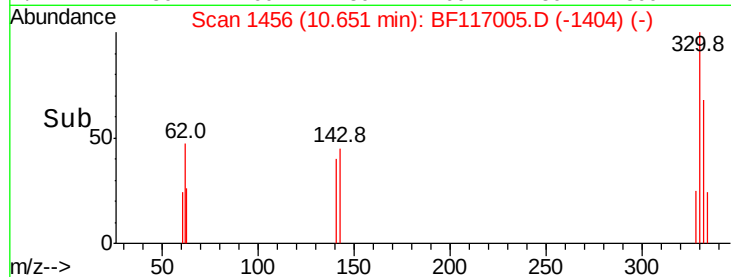
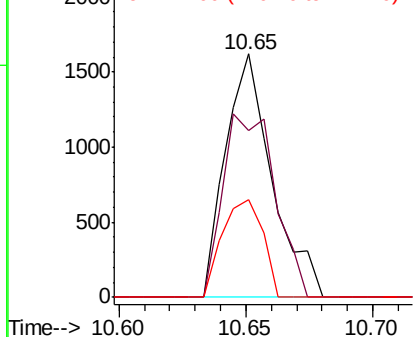
#42
 2,4,6-Tribromophenol
 Concen: 2.191 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. 0.01 min
 Lab File: BF117005.D
 Acq: 12 Sep 2019 21:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 2073
 Ion Ratio Lower Upper
 330 100
 332 84.3 75.9 113.9
 141 34.8 35.6 53.4#

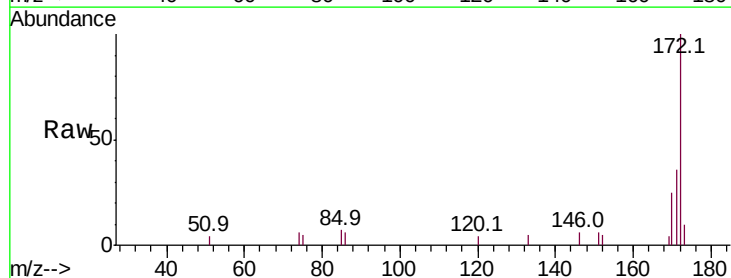


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

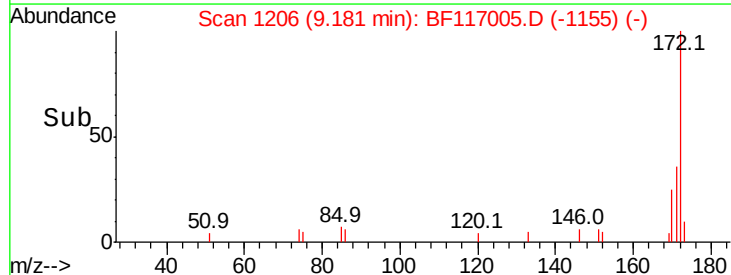
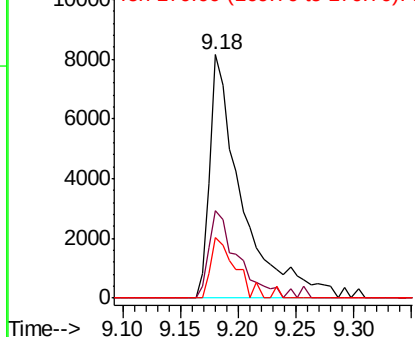


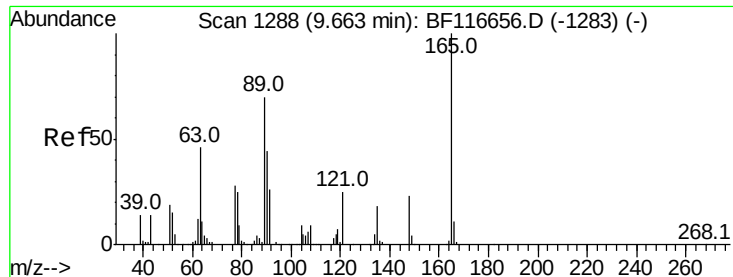
#45
 2-Fluorobiphenyl
 Concen: 1.870 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BF117005.D
 Acq: 12 Sep 2019 21:10

Tgt Ion:172 Resp: 15690
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.1 43.7
 170 24.9 19.2 28.8



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

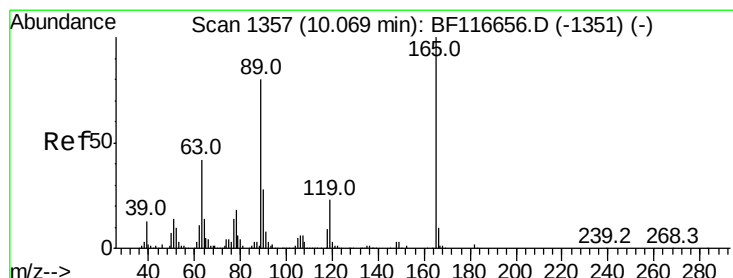
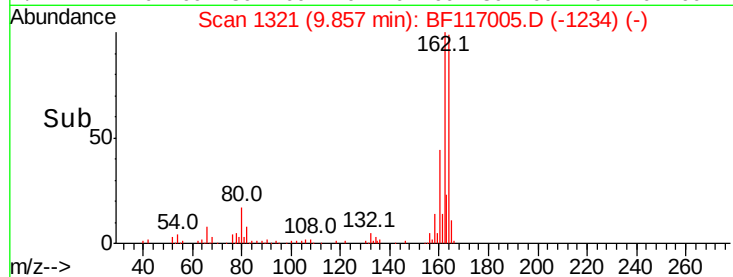
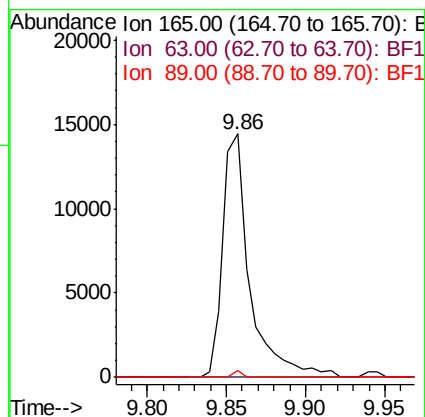
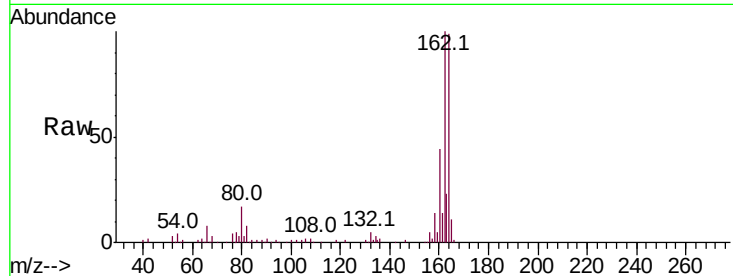




#51
 2,6-Dinitrotoluene
 Concen: 9.125 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. 0.21 min
 Lab File: BF117005.D
 Acq: 12 Sep 2019 21:10

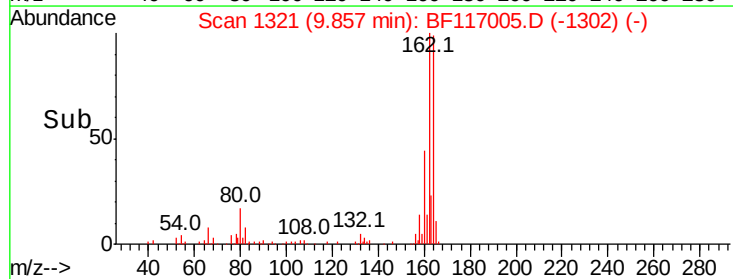
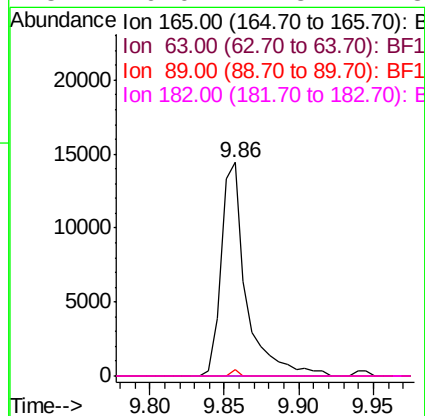
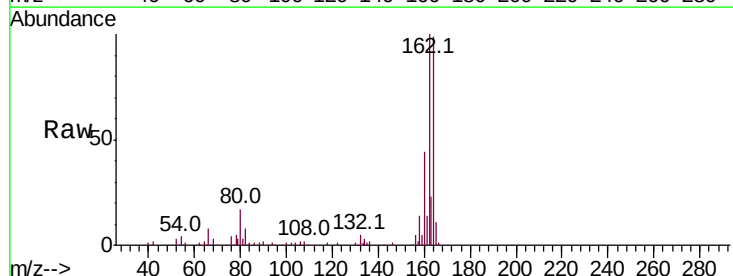
Instrument :
 BNA_F
 ClientSampleId :

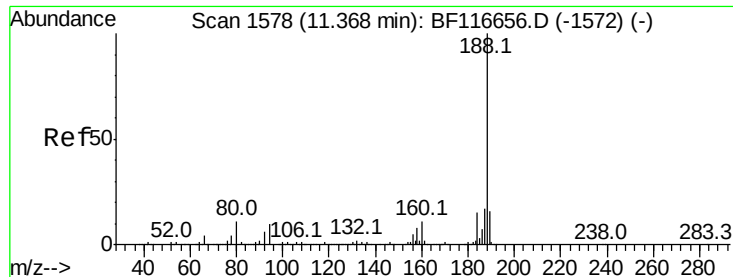
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.0	57.0#
89	2.8	44.1	66.1#



#57
 2,4-Dinitrotoluene
 Concen: 7.461 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.19 min
 Lab File: BF117005.D
 Acq: 12 Sep 2019 21:10

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.2	54.2#
89	2.8	66.1	99.1#
182	0.0	1.8	2.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.00 min

Lab File: BF117005.D

Acq: 12 Sep 2019 21:10

Instrument :

BNA_F

ClientSampled :

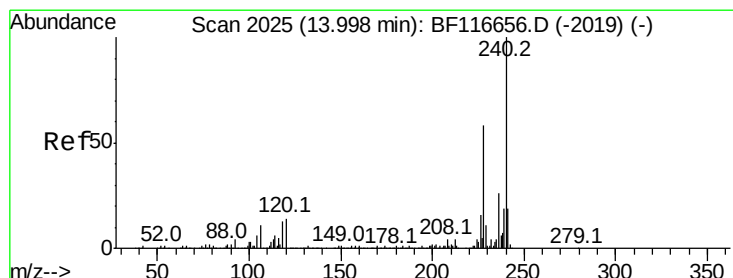
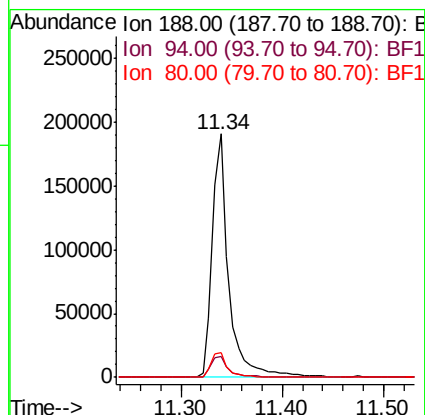
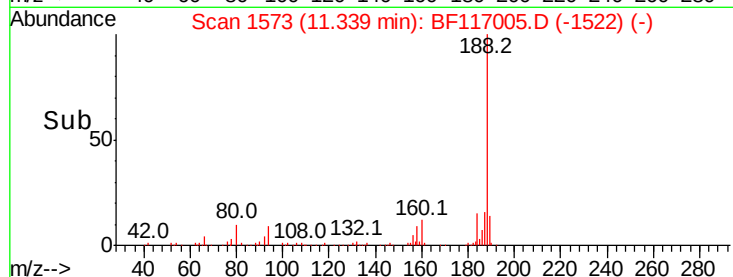
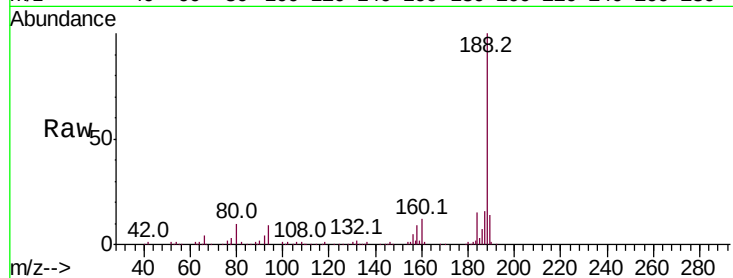
Tot Ion:188 Resp: 215614

Ion Ratio Lower Upper

188 100

94 8.8 7.4 11.2

80 9.9 8.5 12.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF117005.D

Acq: 12 Sep 2019 21:10

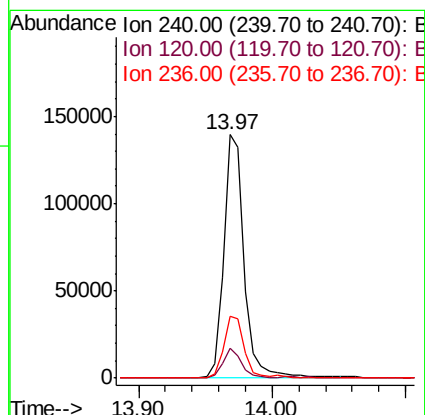
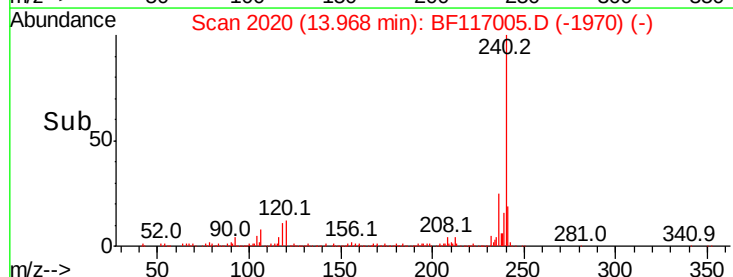
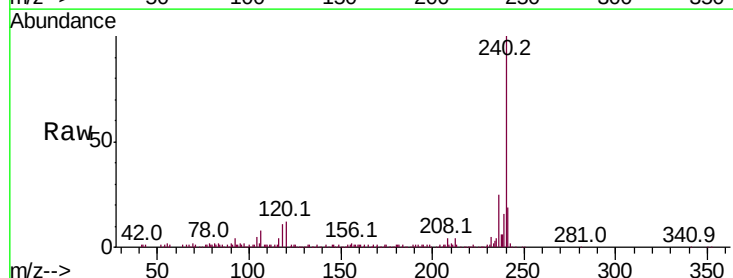
Tgt Ion:240 Resp: 150230

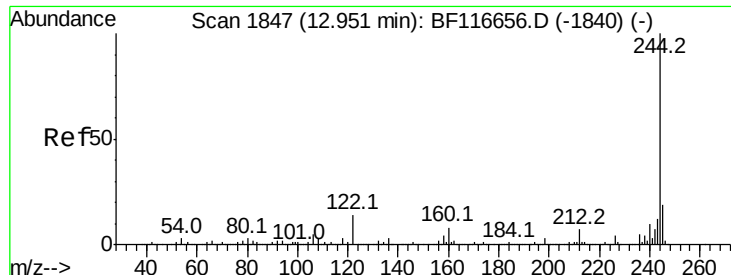
Ion Ratio Lower Upper

240 100

120 12.2 9.1 13.7

236 25.5 20.9 31.3





#79

Terphenyl-d14

Concen: 1.653 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF117005.D

Acq: 12 Sep 2019 21:10

Instrument :

BNA_F

ClientSampleId :

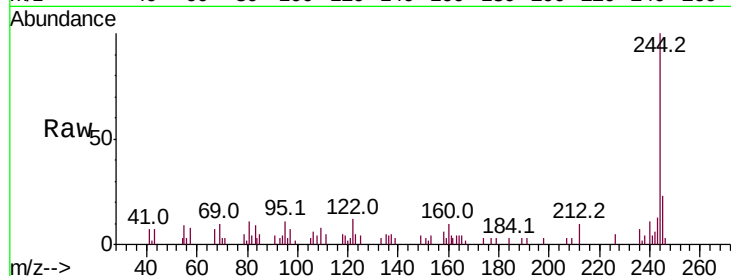
Tot Ion:244 Resp: 13426

Ion Ratio Lower Upper

244 100

212 10.2 5.7 8.5#

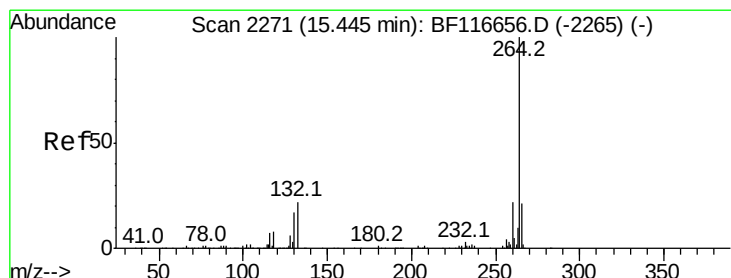
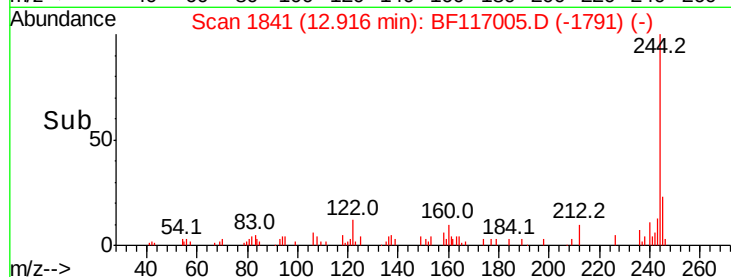
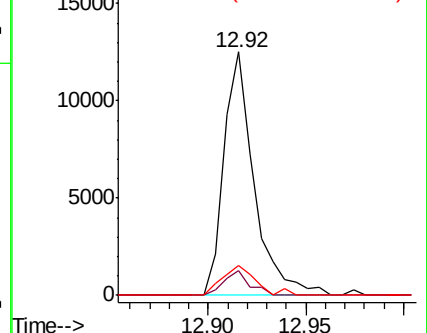
122 12.3 11.5 17.3



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: 15.42 min Scan# 2267

Delta R.T. 0.01 min

Lab File: BF117005.D

Acq: 12 Sep 2019 21:10

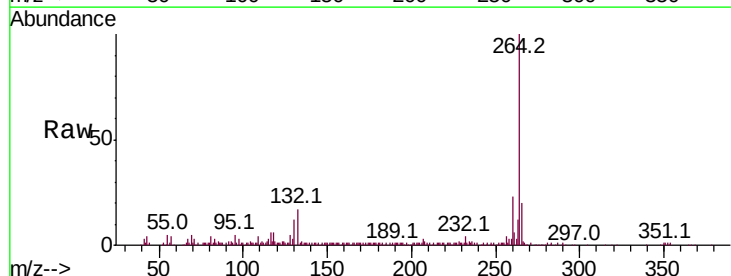
Tgt Ion:264 Resp: 126971

Ion Ratio Lower Upper

264 100

260 22.9 19.0 28.4

265 20.5 17.9 26.9



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

