

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
 Data File : BF117004.D
 Acq On : 12 Sep 2019 20:44
 Operator : HP/JU
 Sample : K4825-09 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 13 07:47:36 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

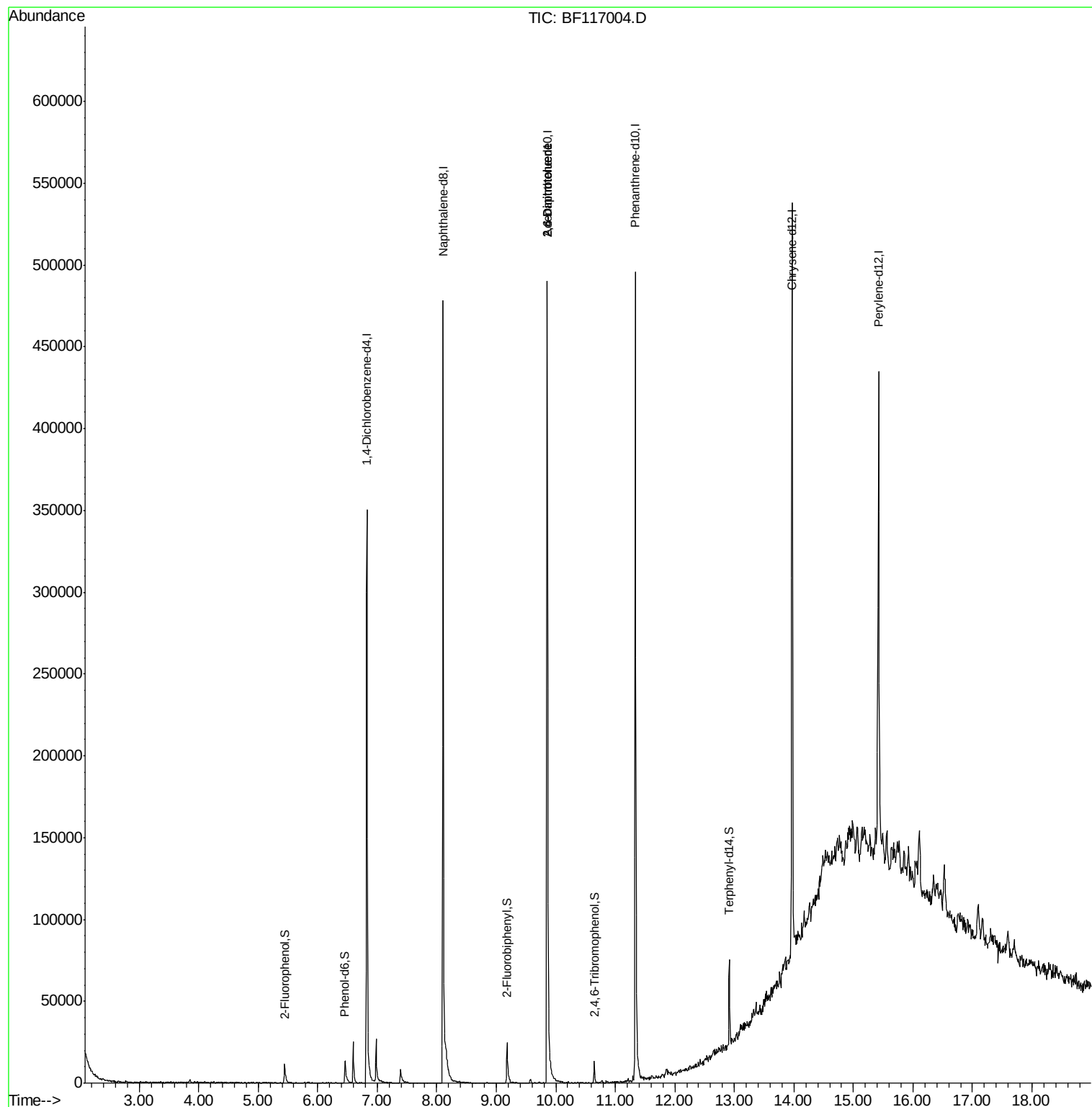
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	64128	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	286995	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	149524	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	226686	20.00	ng	0.00
76) Chrysene-d12	13.97	240	158196	20.00	ng	0.00
87) Perylene-d12	15.42	264	139051	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	8294	2.10	ng	0.00
7) Phenol-d6	6.46	99	13049	2.51	ng	0.00
23) Nitrobenzene-d5	7.39	82	7436	1.48	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	2263	2.26	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	19369	2.19	ng	0.00
79) Terphenyl-d14	12.92	244	18737	2.19	ng	0.00
Target Compounds						
51) 2,6-Dinitrotoluene	9.86	165	18409	9.347	ng	# 26
57) 2,4-Dinitrotoluene	9.86	165	18694	7.762	ng	# 18

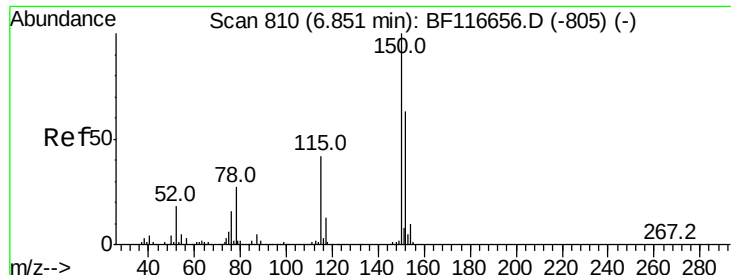
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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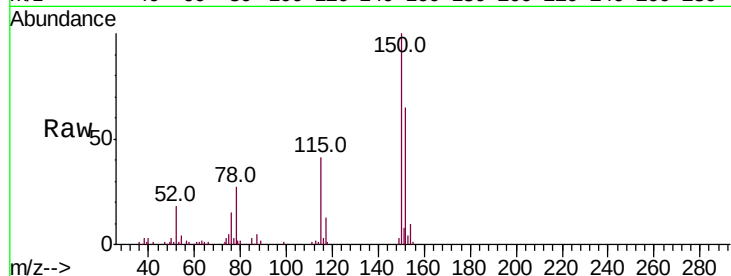


#1

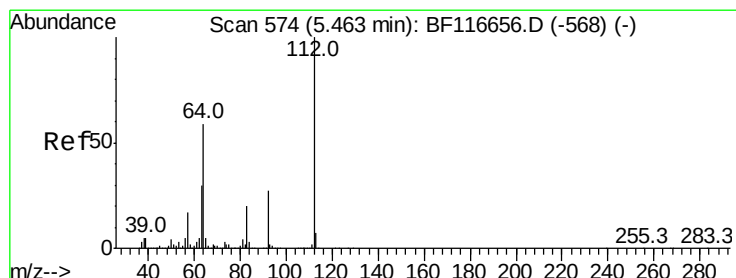
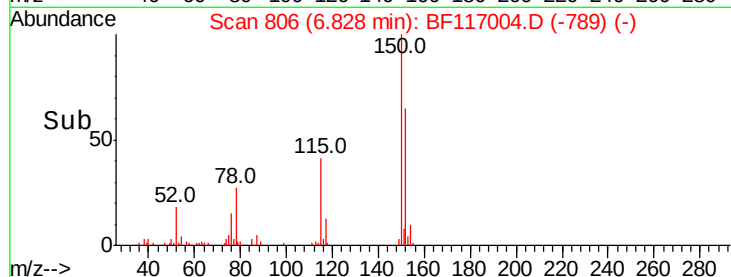
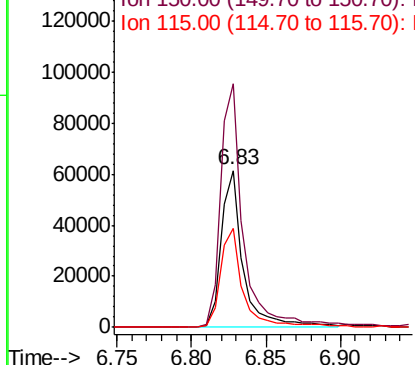
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF117004.D
Acq: 12 Sep 2019 20:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 64128
Ion Ratio Lower Upper
152 100
150 154.9 126.2 189.2
115 63.1 50.2 75.2



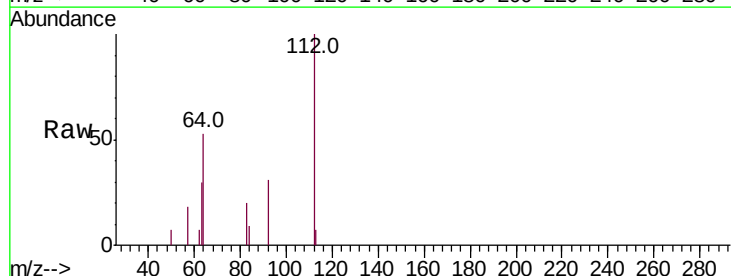
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



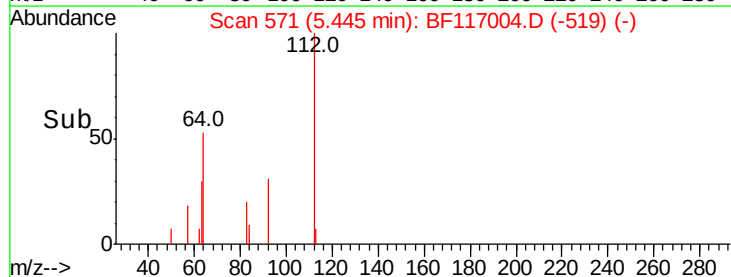
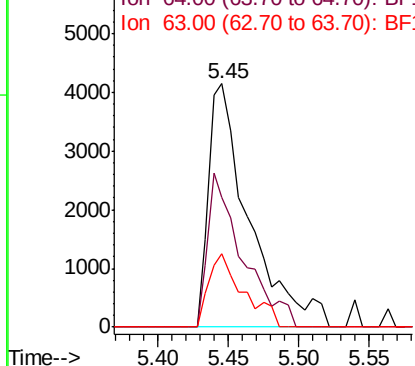
#5

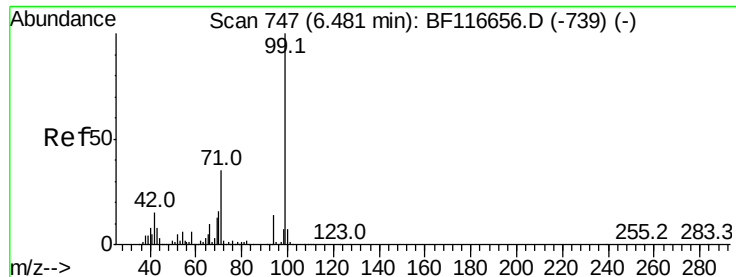
2-Fluorophenol
Concen: 2.095 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF117004.D
Acq: 12 Sep 2019 20:44

Tgt Ion:112 Resp: 8294
Ion Ratio Lower Upper
112 100
64 53.2 47.1 70.7
63 30.4 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: 2.510 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF117004.D

Acq: 12 Sep 2019 20:44

Instrument :

BNA_F

ClientSampleId :

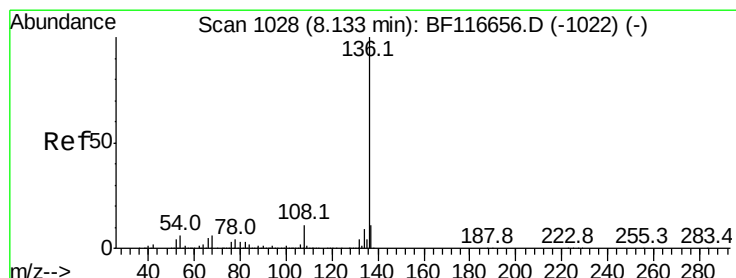
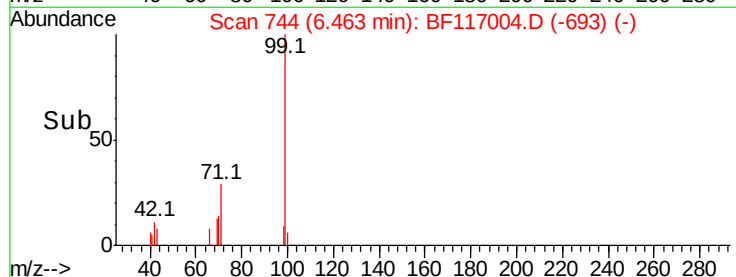
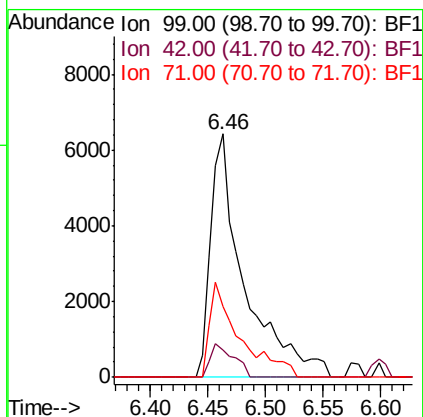
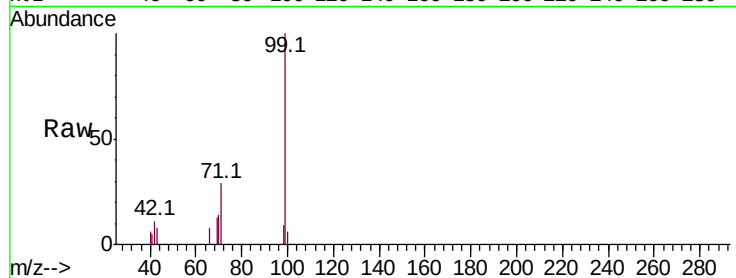
Tot Ion: 99 Resp: 13049

Ion Ratio Lower Upper

99 100

42 11.0 12.0 18.0#

71 28.9 29.7 44.5#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF117004.D

Acq: 12 Sep 2019 20:44

Tgt Ion: 136 Resp: 286995

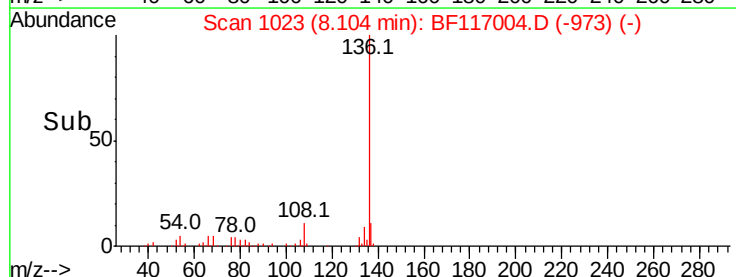
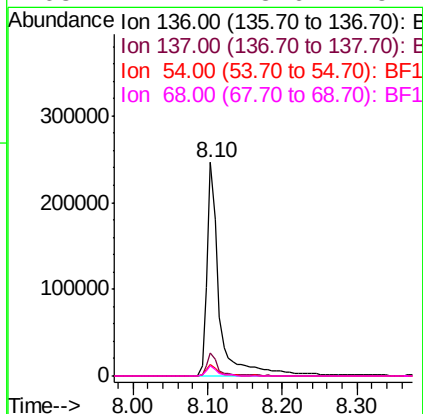
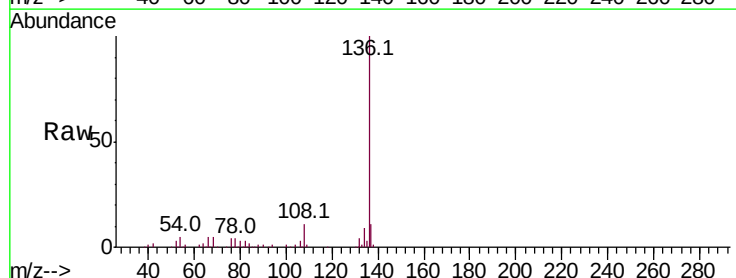
Ion Ratio Lower Upper

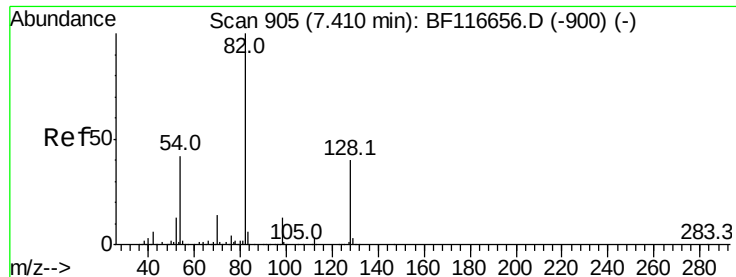
136 100

137 11.0 8.5 12.7

54 5.5 3.8 5.8

68 4.7 3.6 5.4

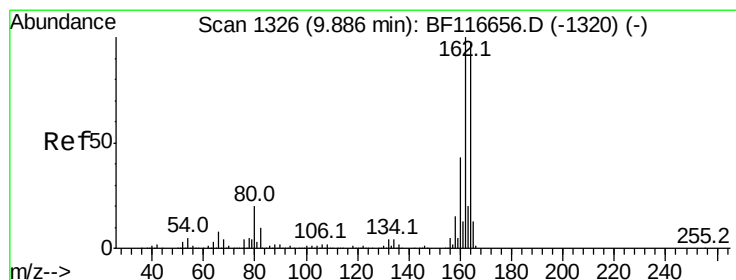
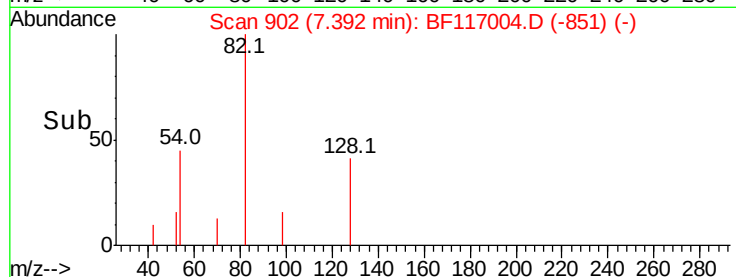
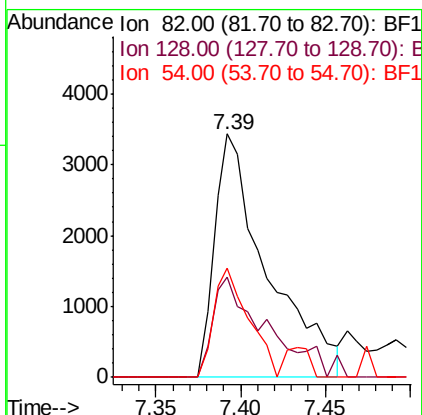
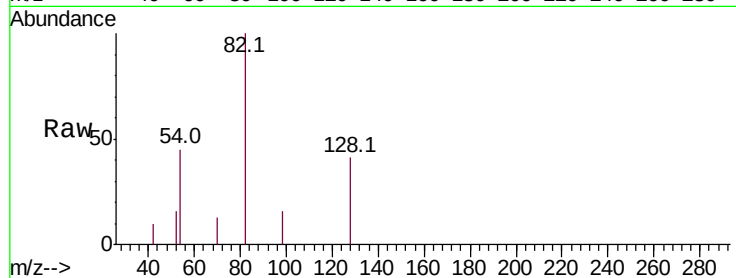




#23
Nitrobenzene-d5
Concen: 1.479 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.00 min
Lab File: BF117004.D
Acq: 12 Sep 2019 20:44

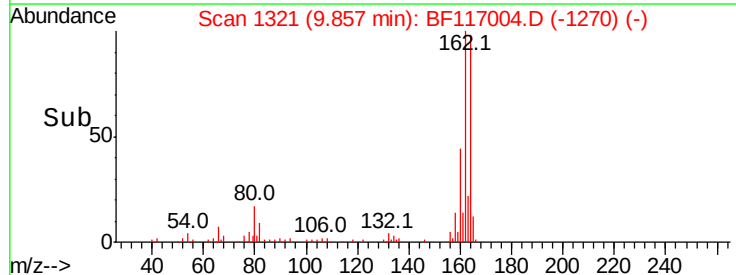
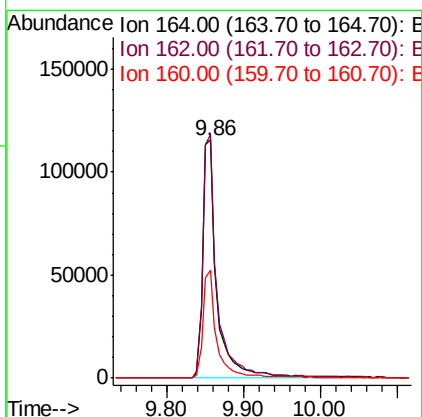
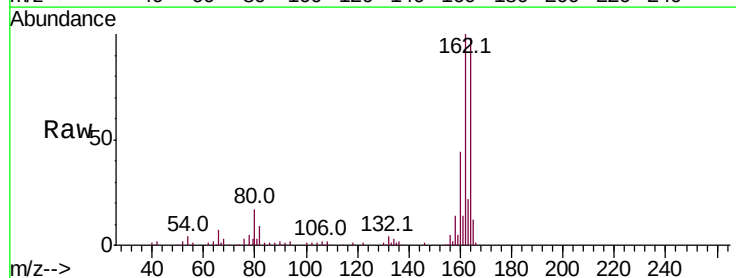
Instrument :
BNA_F
ClientSampleId :

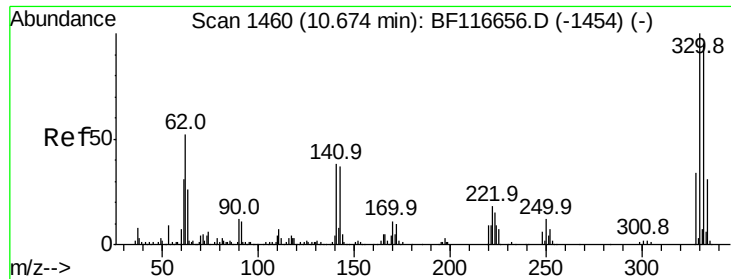
Tot Ion	82	Resp	7436
Ion Ratio	Lower	Upper	
82	100		
128	41.2	35.0	52.4
54	45.1	32.6	48.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF117004.D
Acq: 12 Sep 2019 20:44

Tgt Ion	164	Resp	149524
Ion Ratio	Lower	Upper	
164	100		
162	102.2	81.8	122.6
160	45.4	35.7	53.5

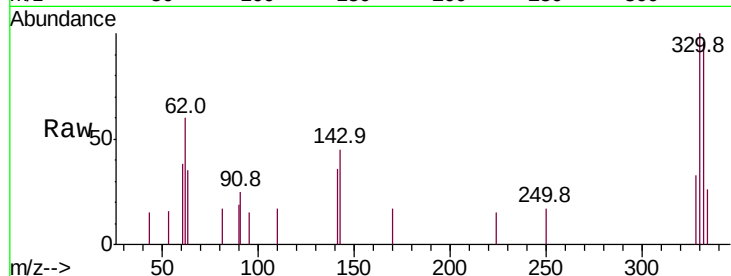




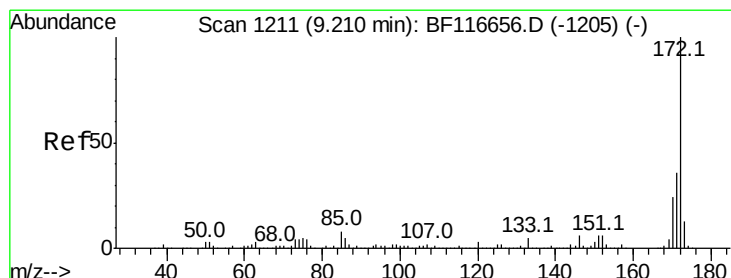
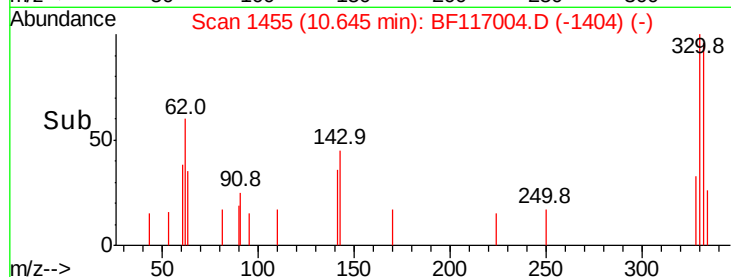
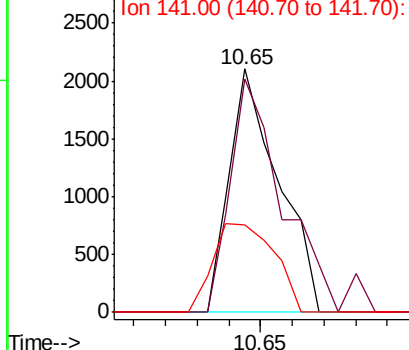
#42
 2,4,6-Tribromophenol
 Concen: 2.264 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BF117004.D
 Acq: 12 Sep 2019 20:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	106.3	75.9	113.9
141	45.3	35.6	53.4

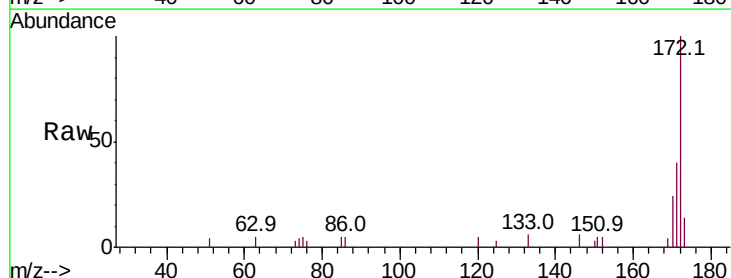


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

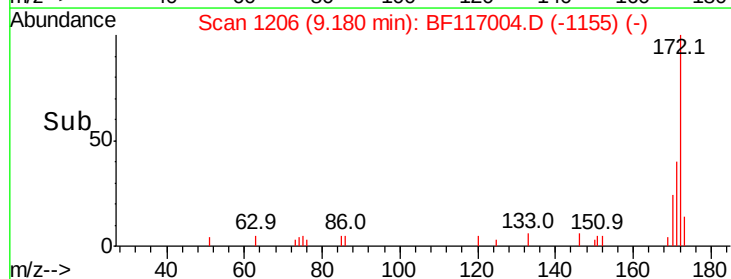
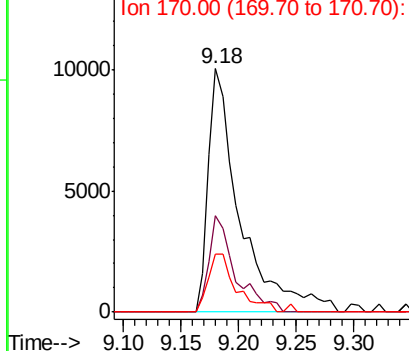


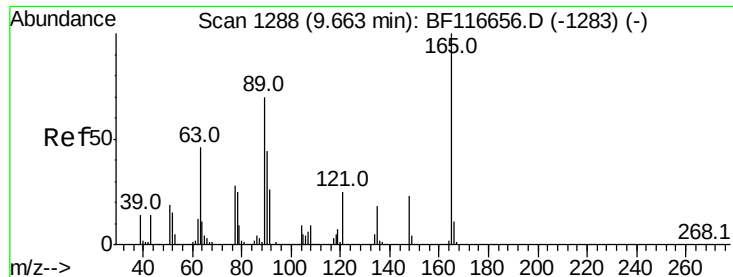
#45
 2-Fluorobiphenyl
 Concen: 2.185 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF117004.D
 Acq: 12 Sep 2019 20:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.5	29.1	43.7
170	23.6	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: 9.347 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.21 min

Lab File: BF117004.D

Acq: 12 Sep 2019 20:44

Instrument :

BNA_F

ClientSampleId :

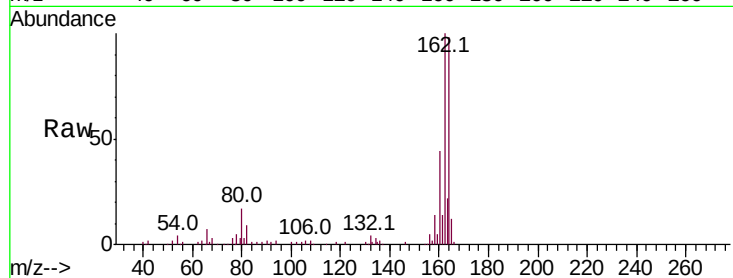
Tot Ion:165 Resp: 18409

Ion Ratio Lower Upper

165 100

63 0.0 38.0 57.0#

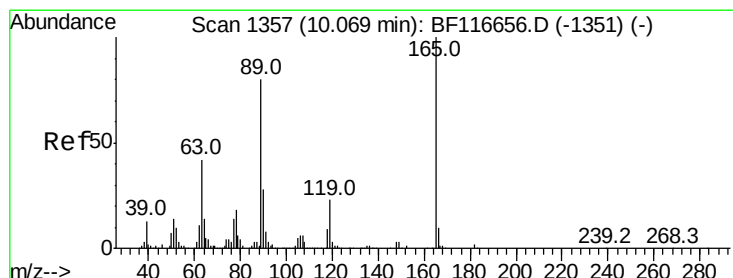
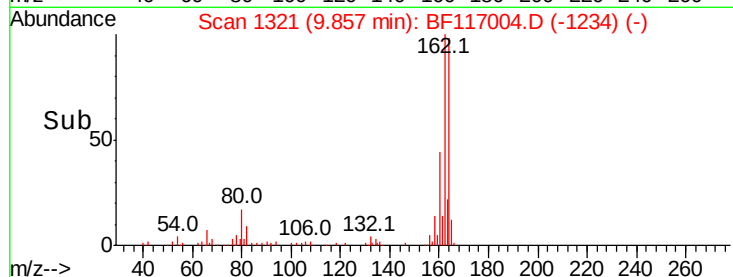
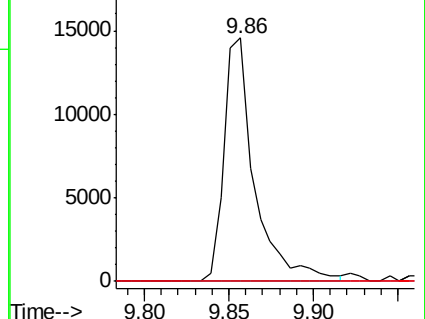
89 0.0 44.1 66.1#



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



#57

2,4-Dinitrotoluene

Concen: 7.762 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.19 min

Lab File: BF117004.D

Acq: 12 Sep 2019 20:44

Tgt Ion:165 Resp: 18694

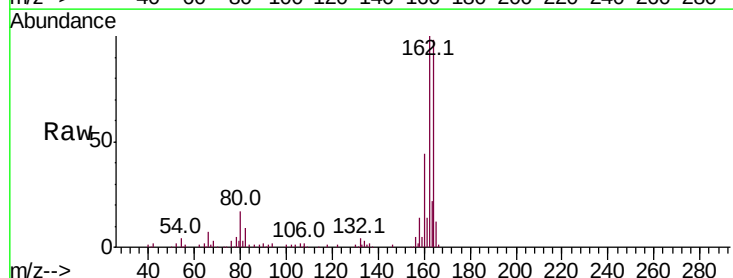
Ion Ratio Lower Upper

165 100

63 0.0 36.2 54.2#

89 0.0 66.1 99.1#

182 0.0 1.8 2.8#

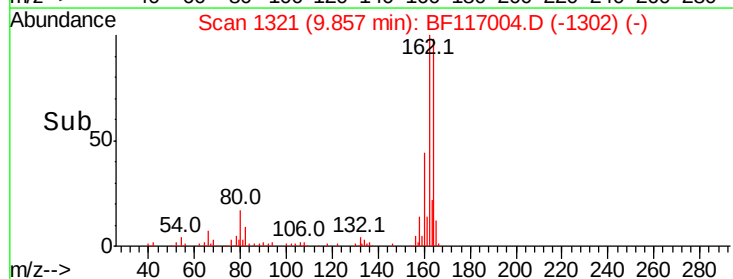
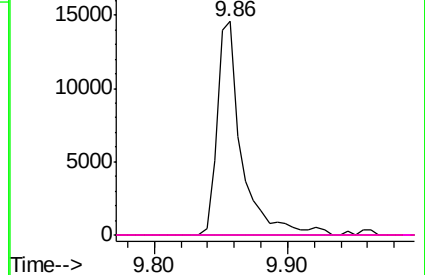


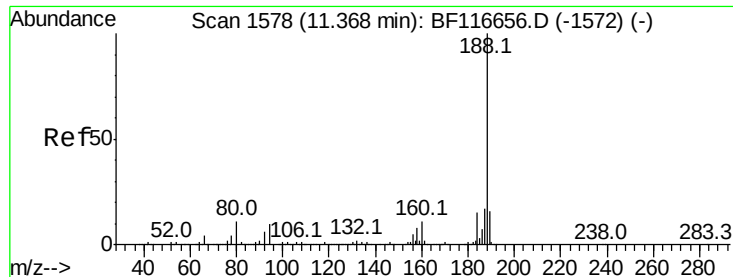
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BF117004.D

Acq: 12 Sep 2019 20:44

Instrument :

BNA_F

ClientSampleId :

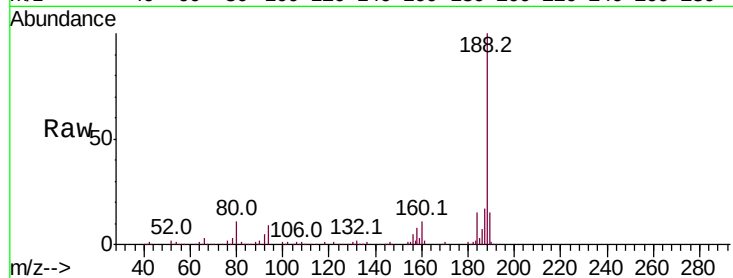
Tot Ion:188 Resp: 226686

Ion Ratio Lower Upper

188 100

94 8.7 7.4 11.2

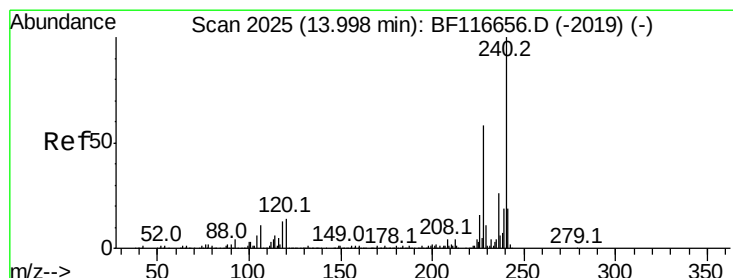
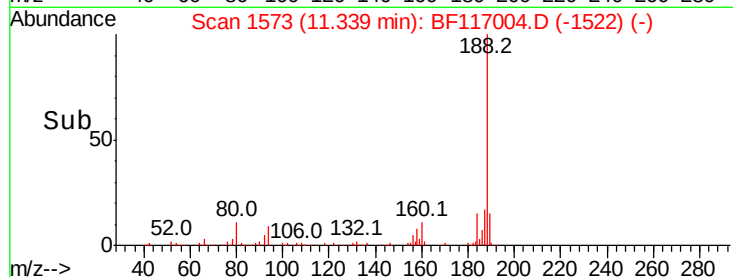
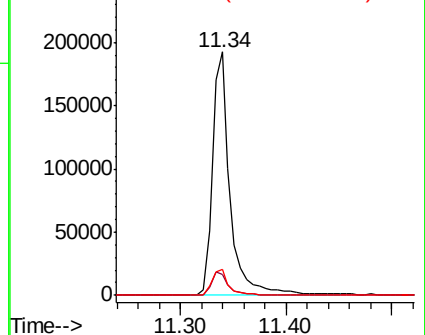
80 10.5 8.5 12.7



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: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF117004.D

Acq: 12 Sep 2019 20:44

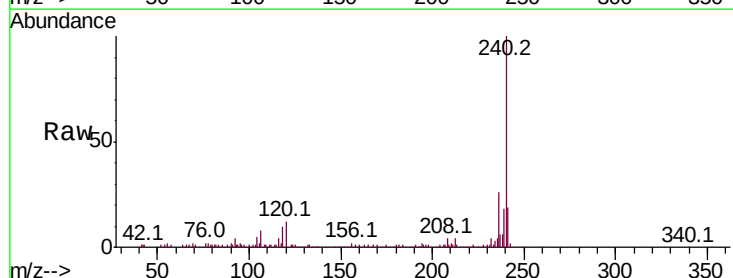
Tgt Ion:240 Resp: 158196

Ion Ratio Lower Upper

240 100

120 11.5 9.1 13.7

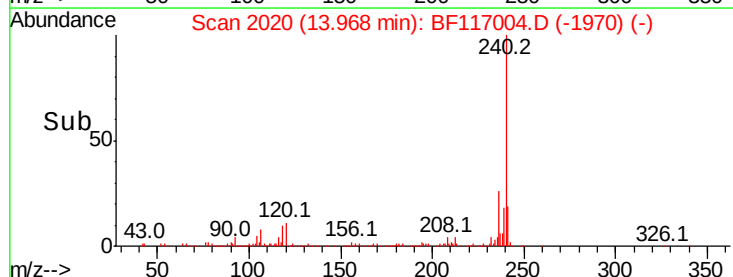
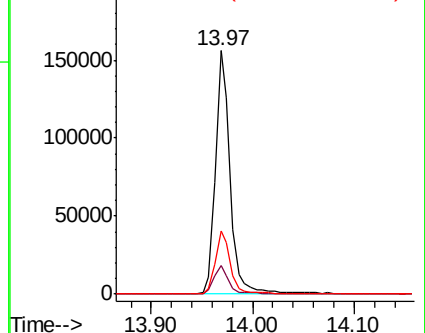
236 25.7 20.9 31.3

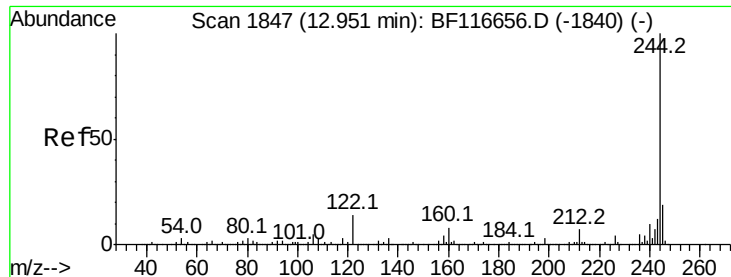


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 2.191 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF117004.D

Acq: 12 Sep 2019 20:44

Instrument :

BNA_F

ClientSampleId :

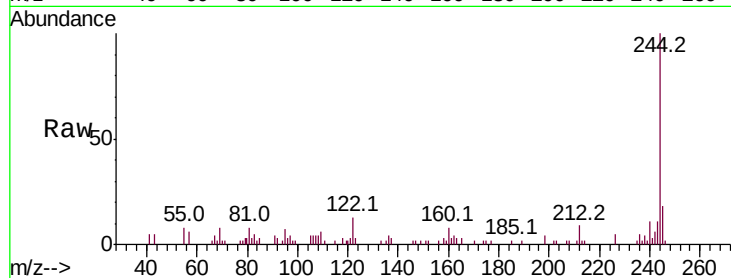
Tot Ion:244 Resp: 18737

Ion Ratio Lower Upper

244 100

212 8.6 5.7 8.5#

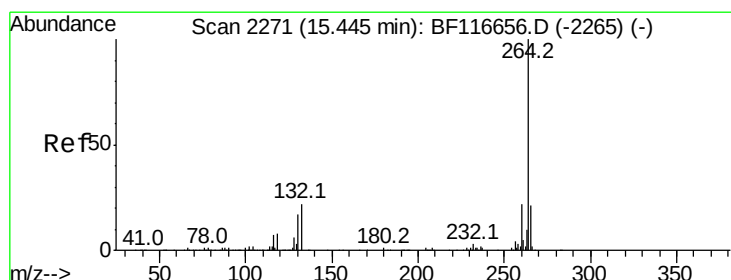
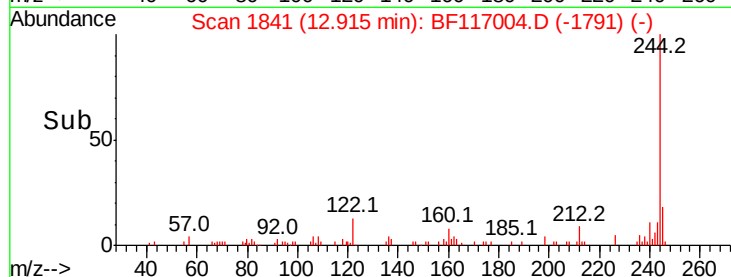
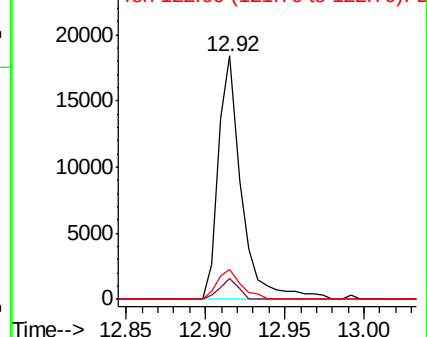
122 12.5 11.5 17.3



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: BF117004.D

Acq: 12 Sep 2019 20:44

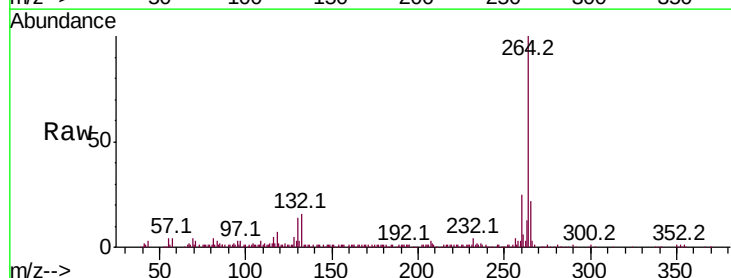
Tgt Ion:264 Resp: 139051

Ion Ratio Lower Upper

264 100

260 24.9 19.0 28.4

265 21.9 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

