

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
 Data File : BF116524.D
 Acq On : 24 Aug 2019 15:28
 Operator : HP/JU
 Sample : K4490-03 50X
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 26 02:09:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 23 13:38:31 2019
 Response via : Initial Calibration

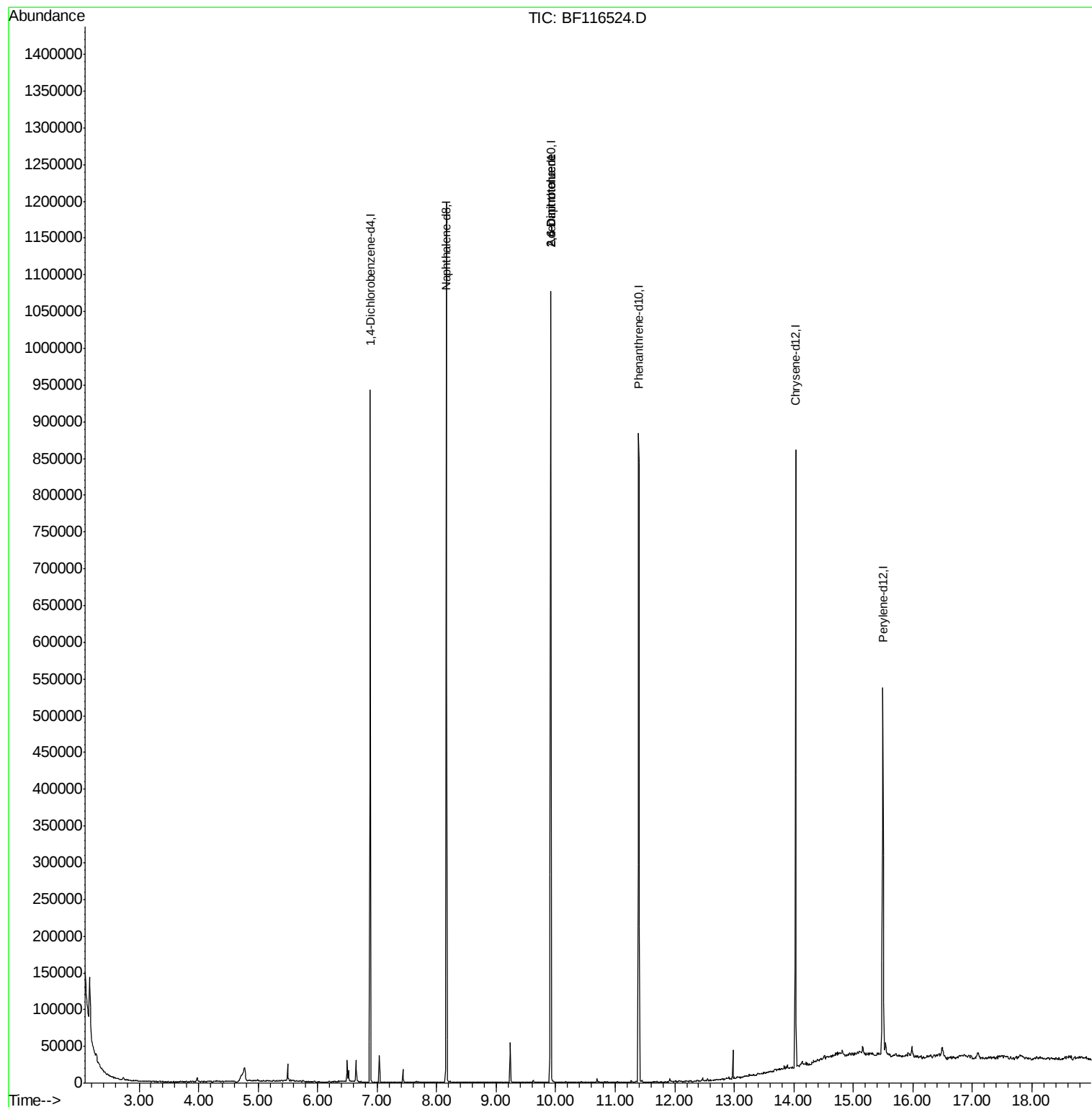
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	122891	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	470443	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	216961	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	320627	20.00	ng	0.00
76) Chrysene-d12	14.03	240	239939	20.00	ng	0.00
87) Perylene-d12	15.50	264	233115	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	6462	0.77	ng	0.00
7) Phenol-d6	6.49	99	10289	1.00	ng	-0.01
23) Nitrobenzene-d5	7.43	82	5396	0.63	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	878	0.47	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	16065	1.19	ng	0.00
79) Terphenyl-d14	12.97	244	13320	1.04	ng	0.00
Target Compounds						
51) 2,6-Dinitrotoluene	9.92	165	27882	8.999	ng	# 25
57) 2,4-Dinitrotoluene	9.92	165	27882	7.072	ng	# 21

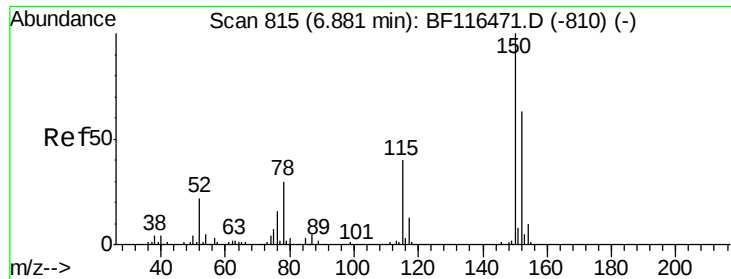
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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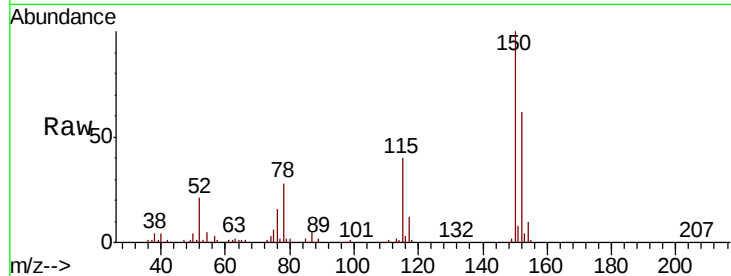


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF116524.D
Acq: 24 Aug 2019 15:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	152	Resp	122891
Ion Ratio	Lower	Upper	
152	100		
150	161.0	126.7	190.1
115	64.1	50.9	76.3

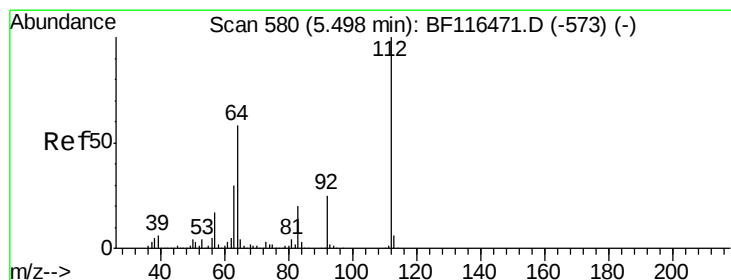
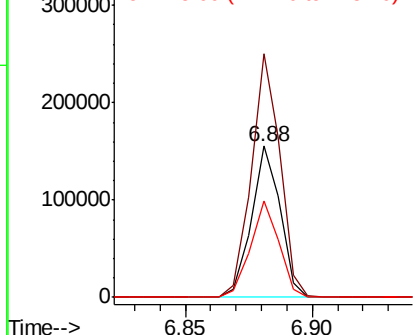
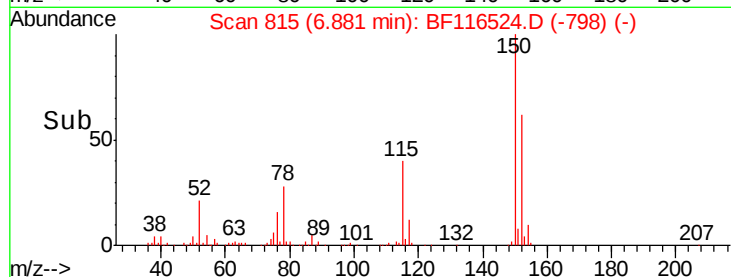


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

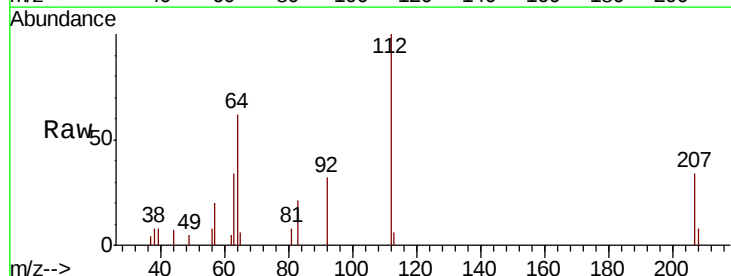
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 0.768 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.01 min
Lab File: BF116524.D
Acq: 24 Aug 2019 15:28

Tgt Ion	112	Resp	6462
Ion Ratio	Lower	Upper	
112	100		
64	62.1	46.3	69.5
63	34.4	24.2	36.4

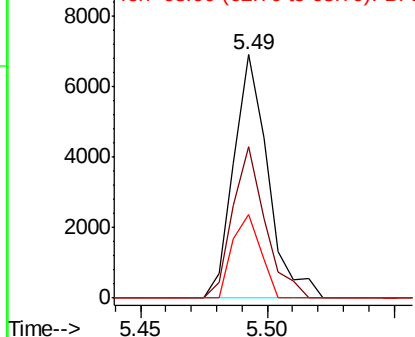
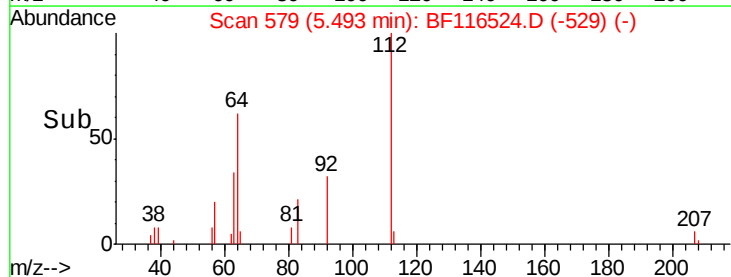


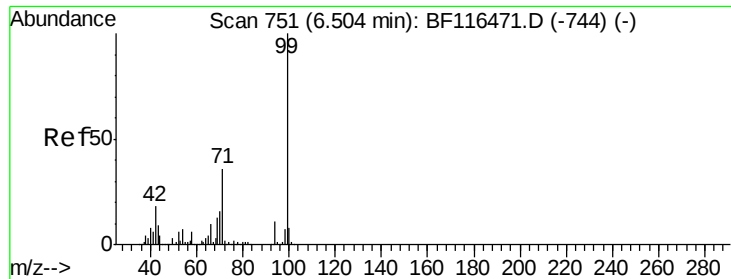
Abundance

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: 0.998 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF116524.D

Acq: 24 Aug 2019 15:28

Instrument :

BNA_F

ClientSampleId :

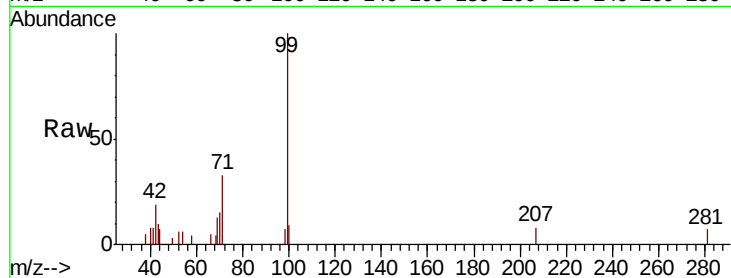
Tot Ion: 99 Resp: 10289

Ion Ratio Lower Upper

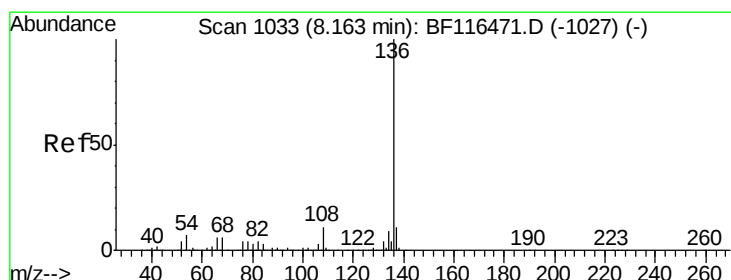
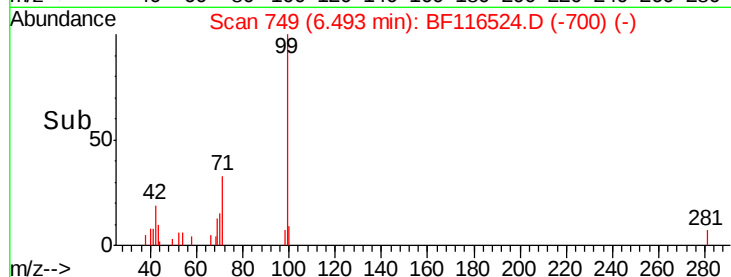
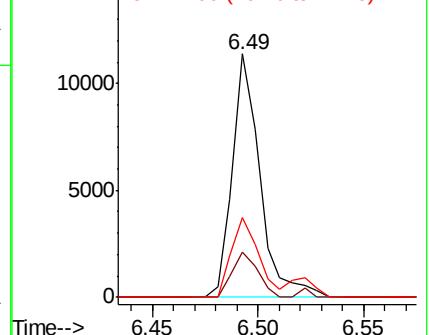
99 100

42 18.8 14.6 21.8

71 32.9 28.5 42.7



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: 8.16 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF116524.D

Acq: 24 Aug 2019 15:28

Tgt Ion: 136 Resp: 470443

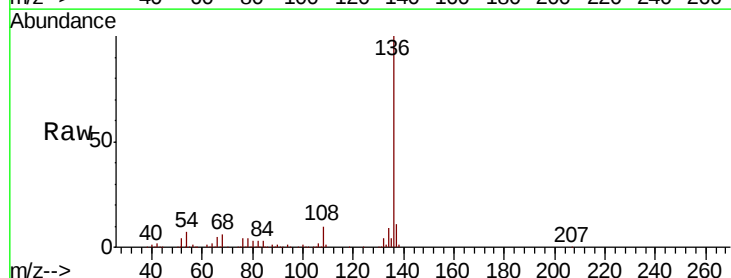
Ion Ratio Lower Upper

136 100

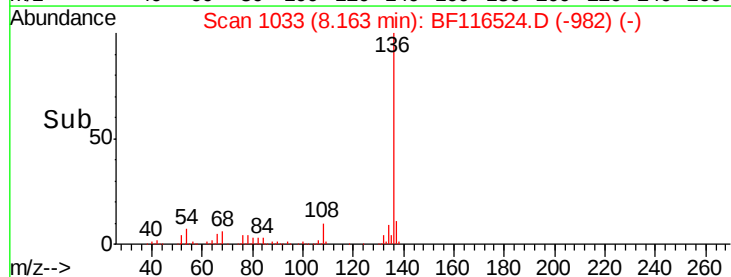
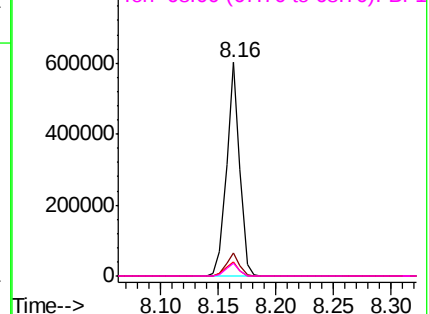
137 11.1 9.0 13.4

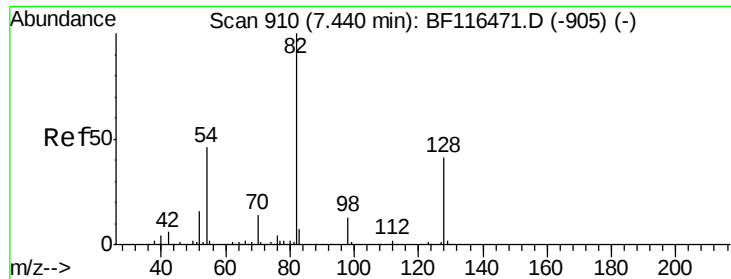
54 6.7 5.8 8.6

68 5.9 5.1 7.7



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

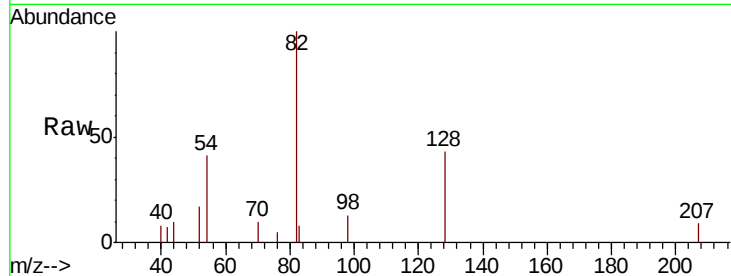




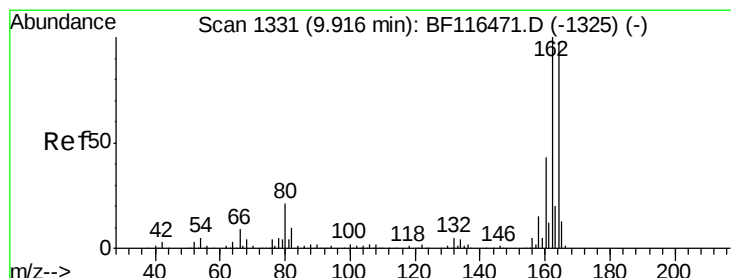
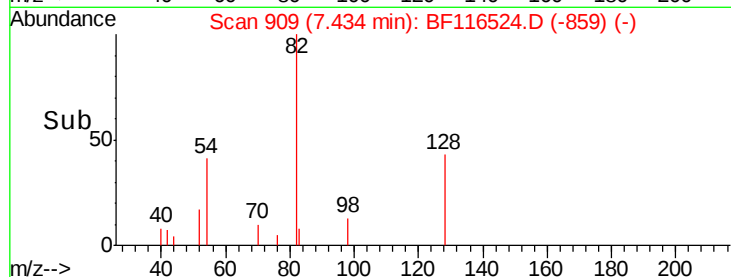
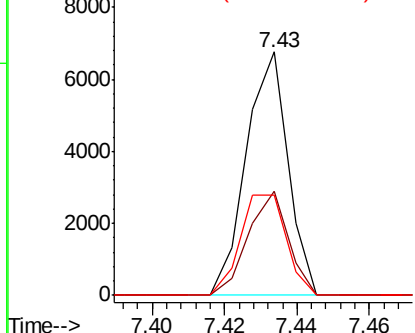
#23
Nitrobenzene-d5
Concen: 0.628 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF116524.D
Acq: 24 Aug 2019 15:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	5396
Ion Ratio	Lower	Upper	
82	100		
128	42.9	32.2	48.4
54	41.0	36.5	54.7

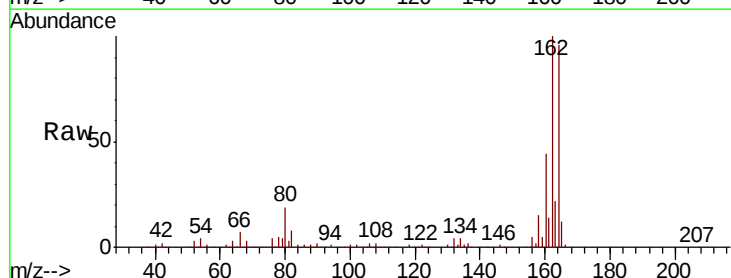


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

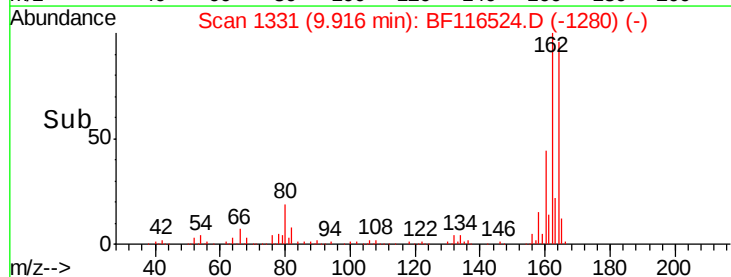
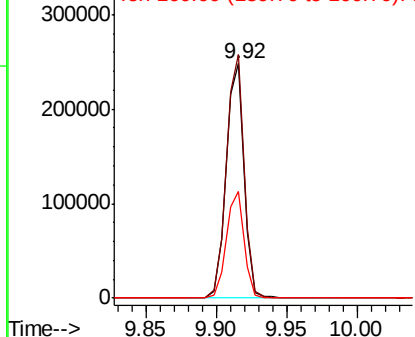


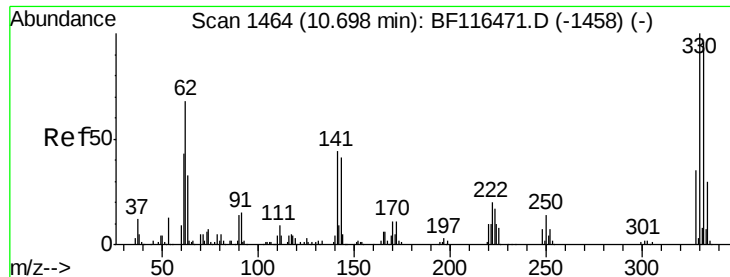
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF116524.D
Acq: 24 Aug 2019 15:28

Tgt Ion	164	Resp	216961
Ion Ratio	Lower	Upper	
164	100		
162	104.0	82.6	123.8
160	45.6	35.8	53.8



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

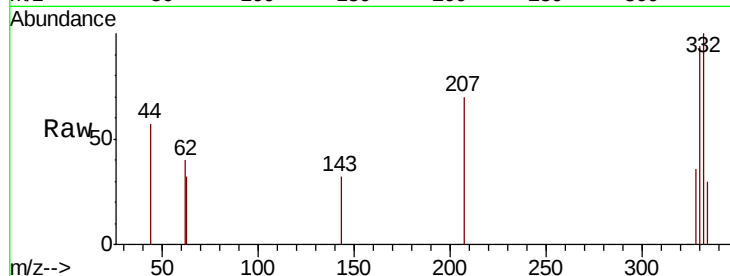




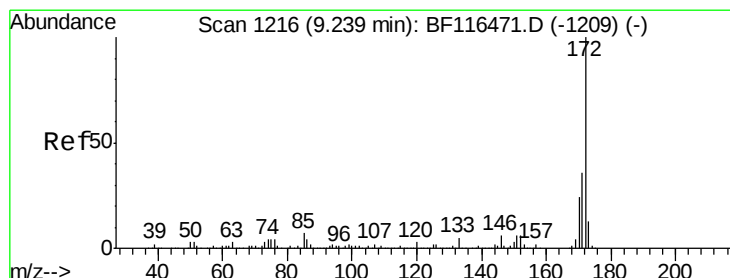
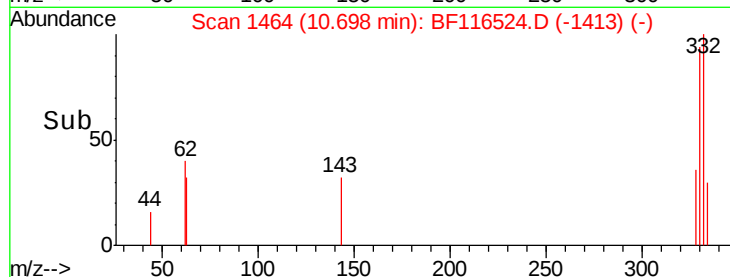
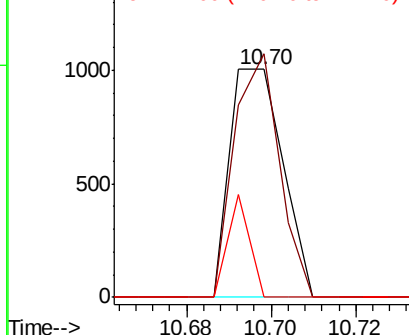
#42
 2,4,6-Tribromophenol
 Concen: 0.471 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: BF116524.D
 Acq: 24 Aug 2019 15:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 878
 Ion Ratio Lower Upper
 330 100
 332 90.3 77.2 115.8
 141 18.2 33.3 49.9#

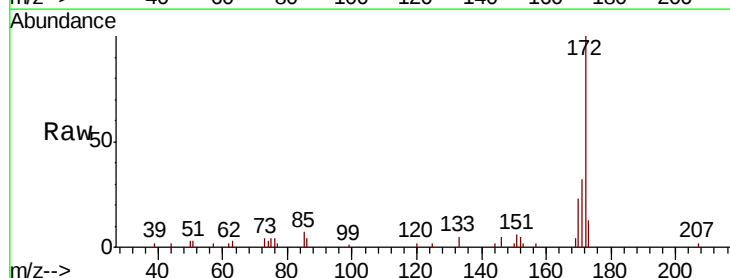


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

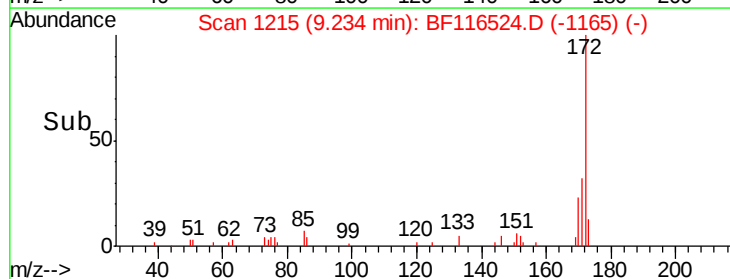
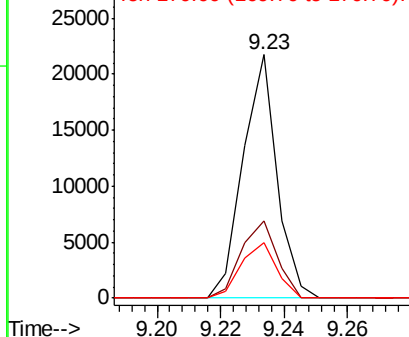


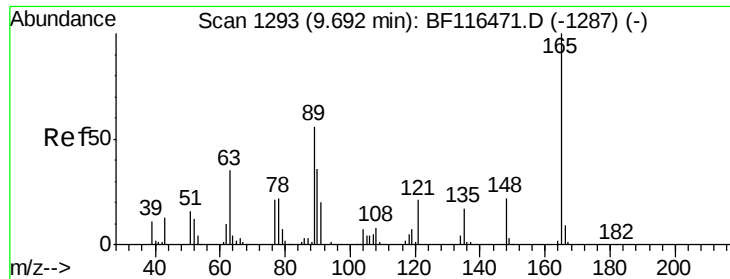
#45
 2-Fluorobiphenyl
 Concen: 1.192 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF116524.D
 Acq: 24 Aug 2019 15:28

Tgt Ion:172 Resp: 16065
 Ion Ratio Lower Upper
 172 100
 171 31.9 28.9 43.3
 170 22.8 19.4 29.0



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

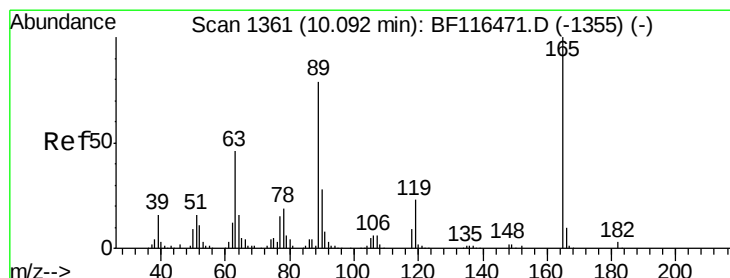
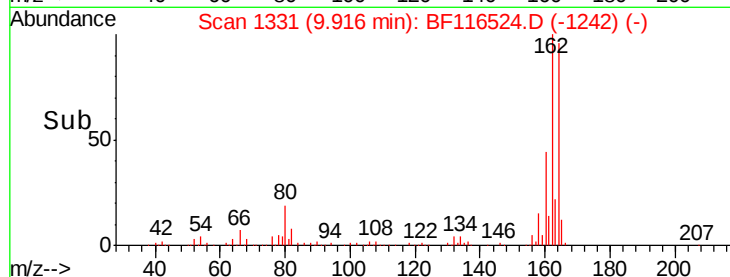
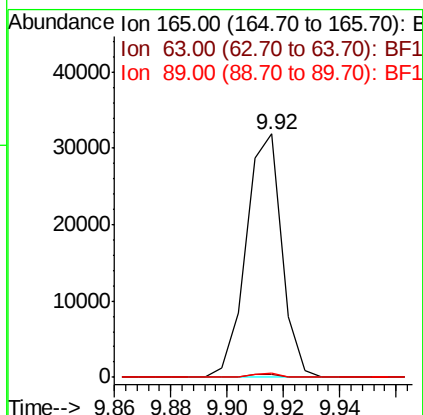
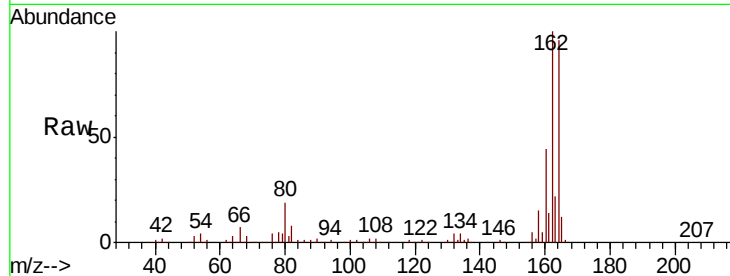




#51
 2,6-Dinitrotoluene
 Concen: 8.999 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.22 min
 Lab File: BF116524.D
 Acq: 24 Aug 2019 15:28

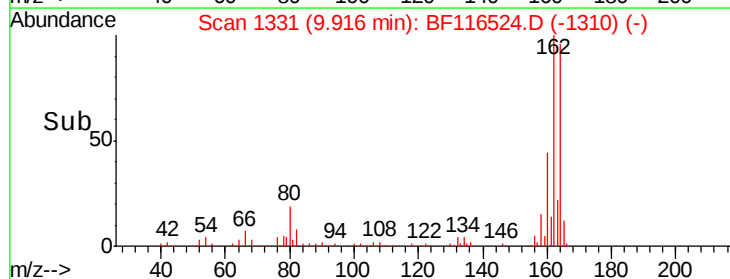
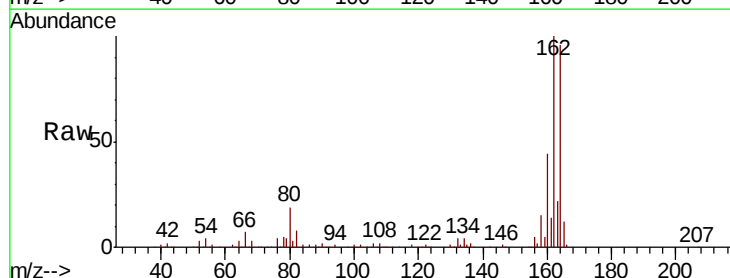
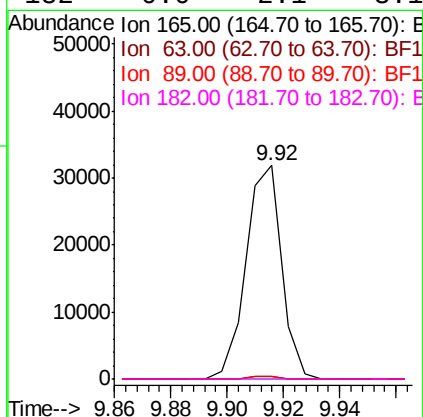
Instrument :
 BNA_F
 ClientSampleId :

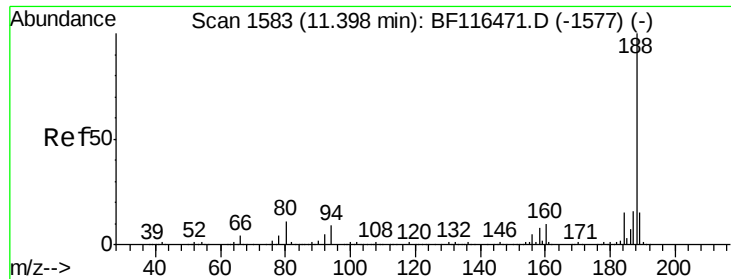
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	43.7	65.5#
89	1.5	45.1	67.7#



#57
 2,4-Dinitrotoluene
 Concen: 7.072 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.18 min
 Lab File: BF116524.D
 Acq: 24 Aug 2019 15:28

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.9	55.3#
89	1.5	63.4	95.0#
182	0.0	2.1	3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF116524.D

Acq: 24 Aug 2019 15:28

Instrument :

BNA_F

ClientSampleId :

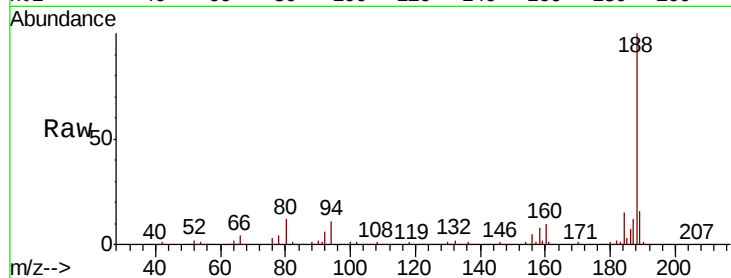
Tot Ion:188 Resp: 320627

Ion Ratio Lower Upper

188 100

94 11.2 7.4 11.2#

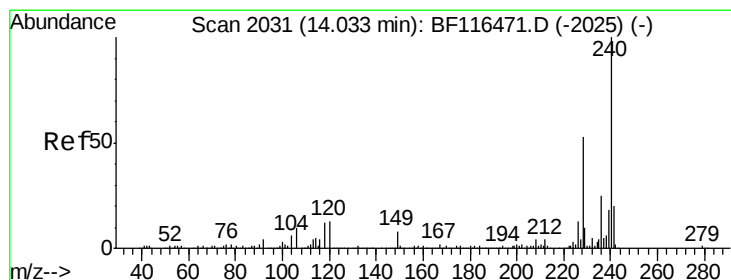
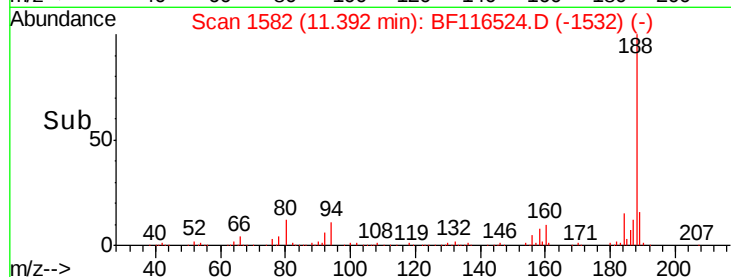
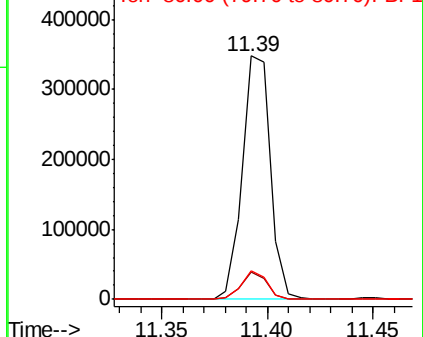
80 12.0 8.6 12.8



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: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF116524.D

Acq: 24 Aug 2019 15:28

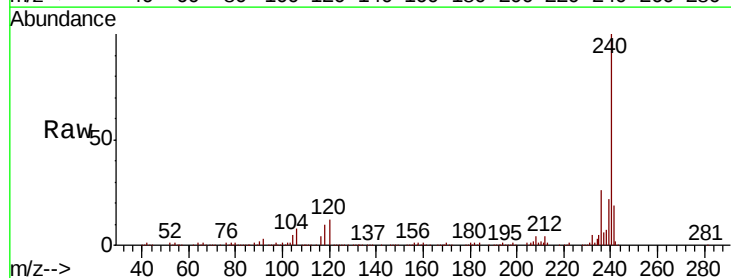
Tgt Ion:240 Resp: 239939

Ion Ratio Lower Upper

240 100

120 11.8 10.5 15.7

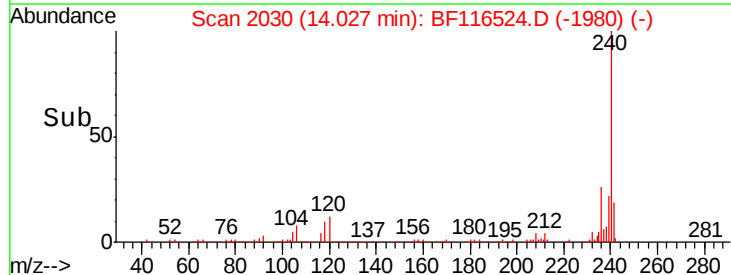
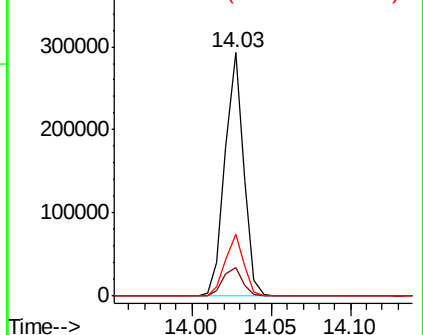
236 25.6 20.2 30.2

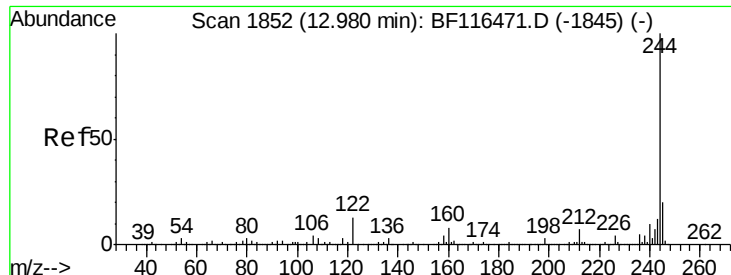


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 1.037 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BF116524.D

Acq: 24 Aug 2019 15:28

Instrument :

BNA_F

ClientSampleId :

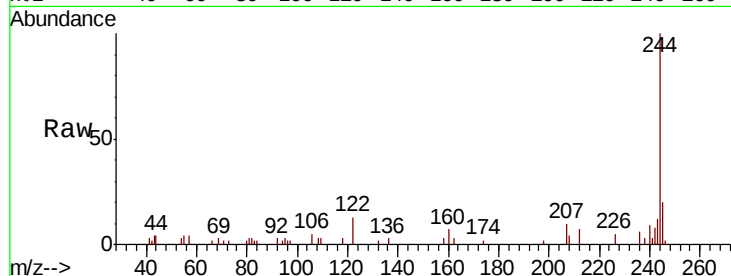
Tot Ion:244 Resp: 13320

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

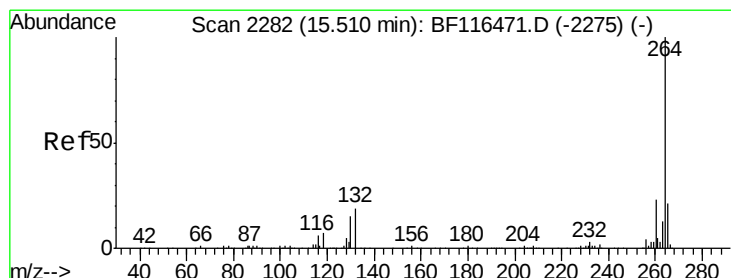
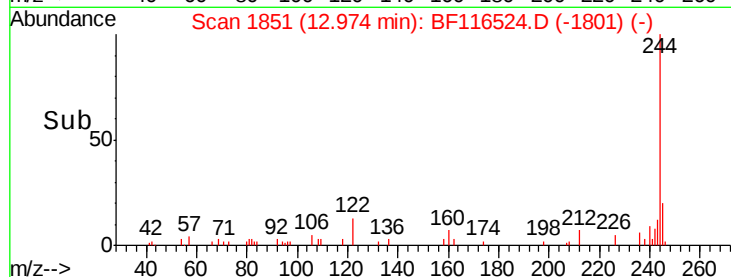
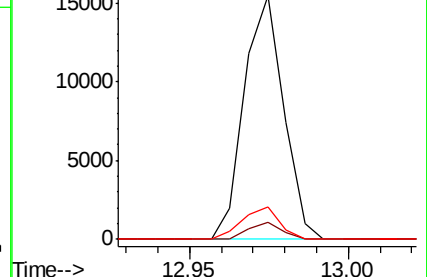
122 13.4 10.2 15.4



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: 15.50 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BF116524.D

Acq: 24 Aug 2019 15:28

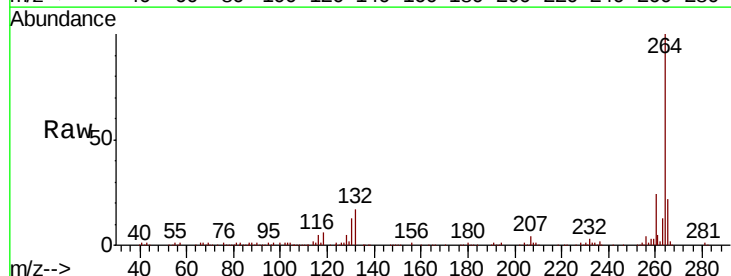
Tgt Ion:264 Resp: 233115

Ion Ratio Lower Upper

264 100

260 24.0 18.8 28.2

265 21.7 17.1 25.7



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

