

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
 Data File : BF116523.D
 Acq On : 24 Aug 2019 15:01
 Operator : HP/JU
 Sample : K4490-07 20X
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 26 02:09:29 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

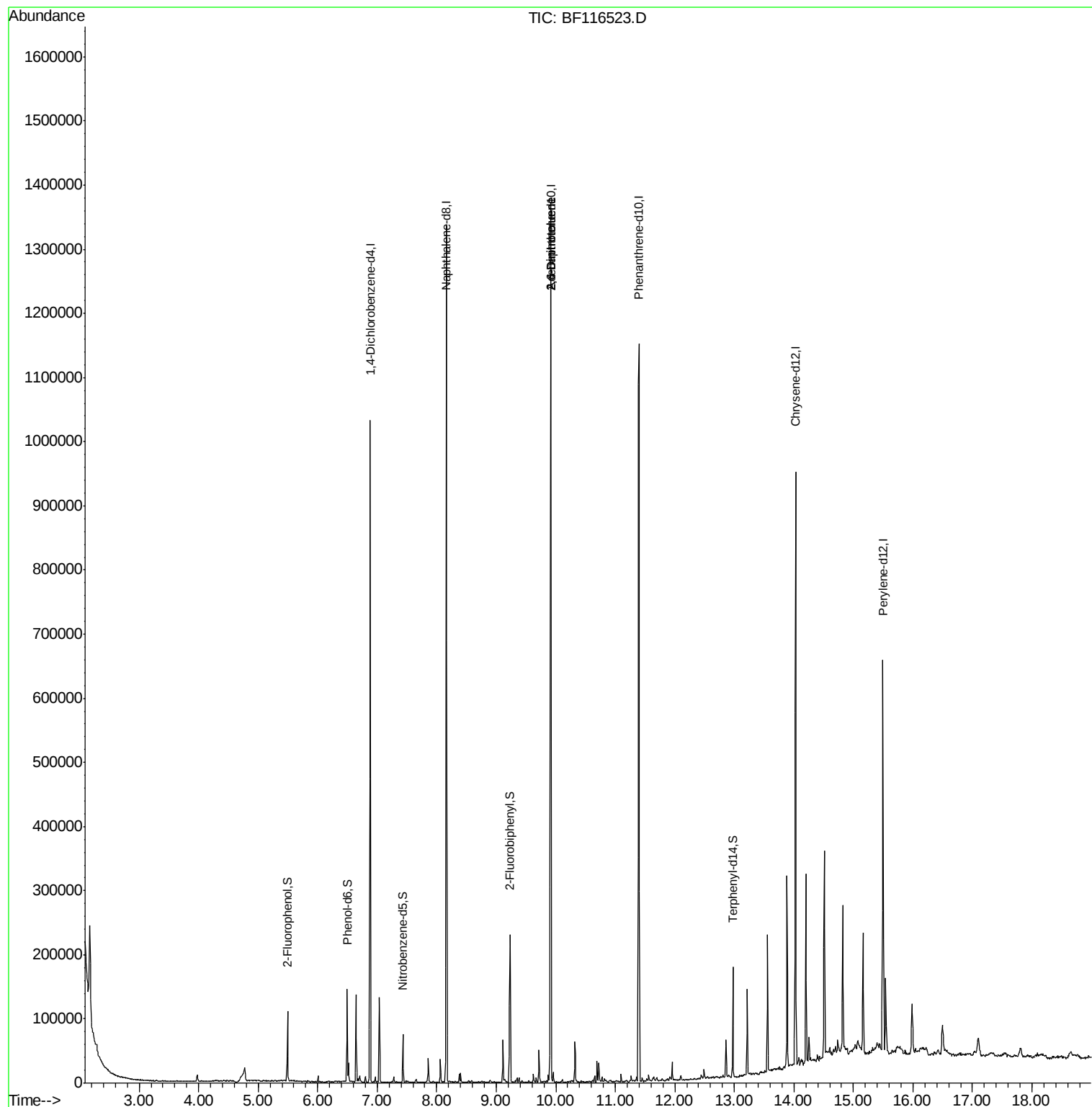
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	142488	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	540220	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	262459	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	413745	20.00	ng	0.00
76) Chrysene-d12	14.03	240	269709	20.00	ng	0.00
87) Perylene-d12	15.50	264	266619	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	30349	3.11	ng	0.00
7) Phenol-d6	6.49	99	43031	3.60	ng	-0.01
23) Nitrobenzene-d5	7.43	82	22633	2.29	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	3517	1.56	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	60076	3.69	ng	0.00
79) Terphenyl-d14	12.97	244	50894	3.52	ng	0.00
Target Compounds						
51) 2,6-Dinitrotoluene	9.92	165	33352	8.898	ng	# 26
57) 2,4-Dinitrotoluene	9.92	165	33352	6.993	ng	# 21

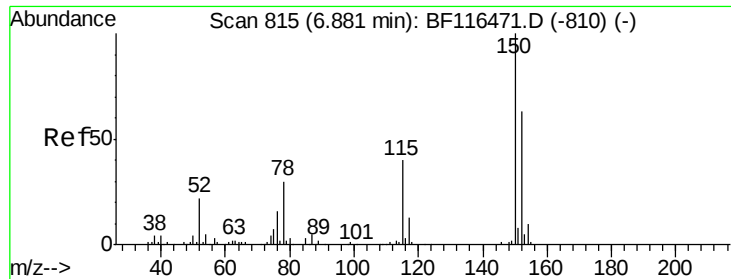
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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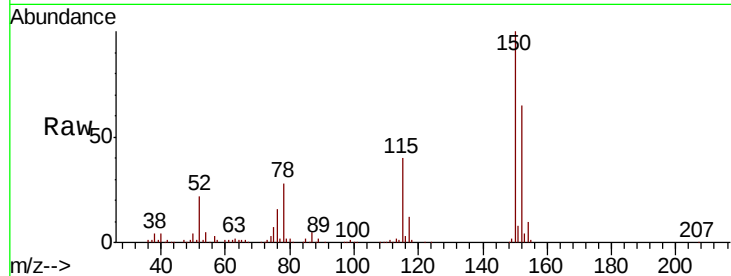


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF116523.D
Acq: 24 Aug 2019 15:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	126.7	190.1
115	61.7	50.9	76.3

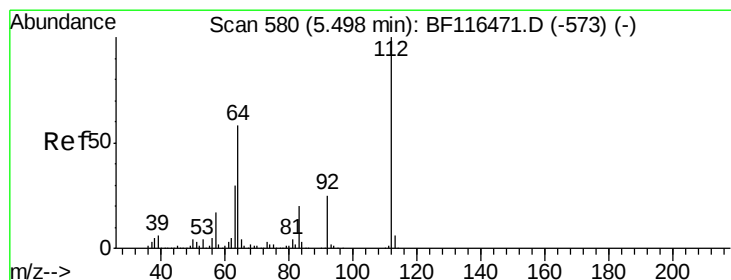
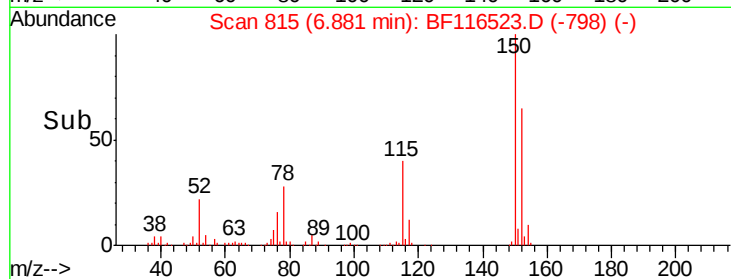
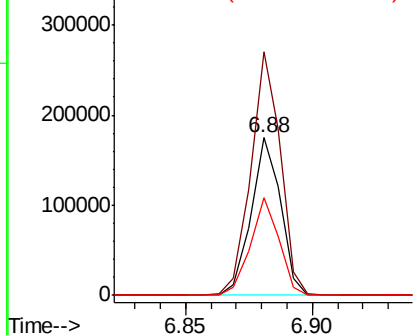


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

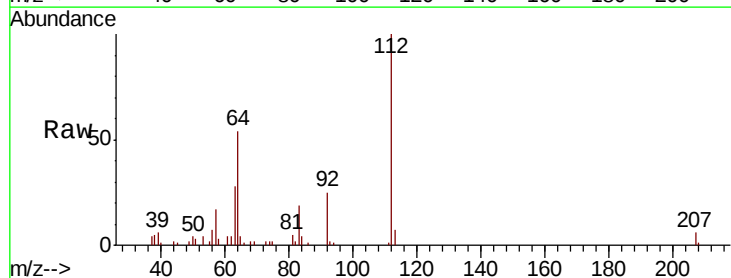
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 3.112 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.01 min
Lab File: BF116523.D
Acq: 24 Aug 2019 15:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.7	46.3	69.5
63	28.2	24.2	36.4

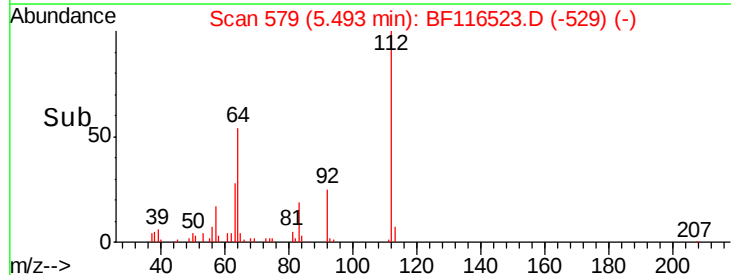
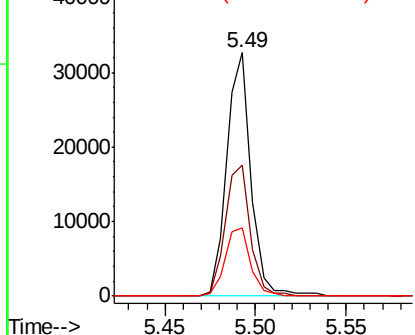


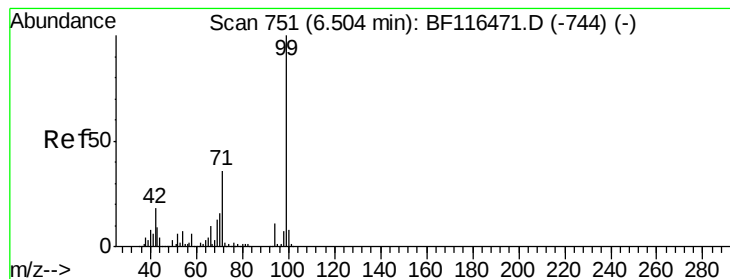
Abundance

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: 3.599 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF116523.D

Acq: 24 Aug 2019 15:01

Instrument :

BNA_F

ClientSampleId :

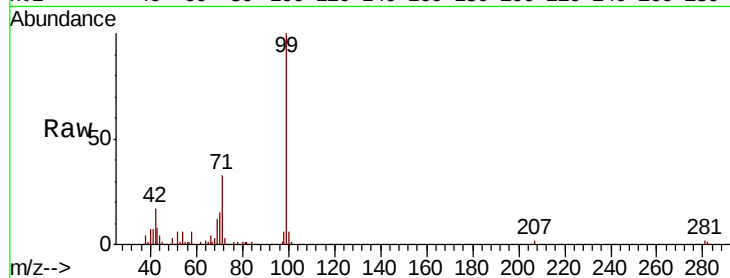
Tot Ion: 99 Resp: 43031

Ion Ratio Lower Upper

99 100

42 17.1 14.6 21.8

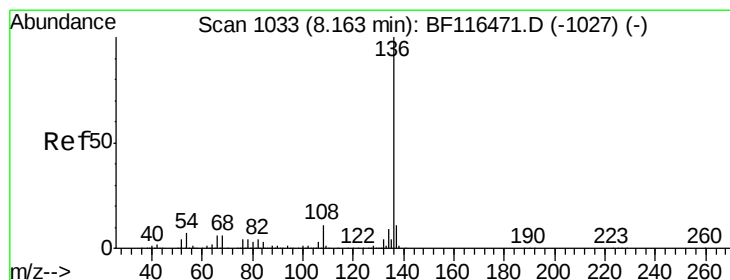
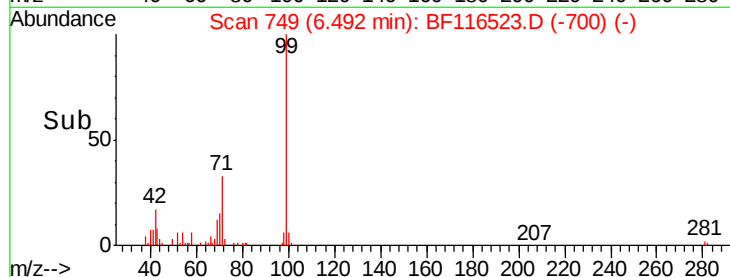
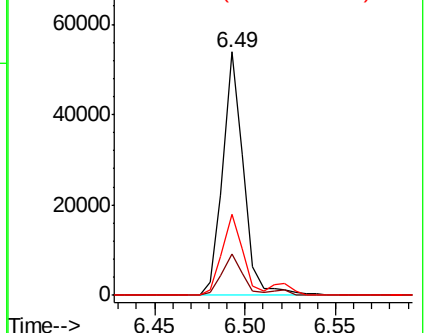
71 33.4 28.5 42.7



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: BF116523.D

Acq: 24 Aug 2019 15:01

Tgt Ion: 136 Resp: 540220

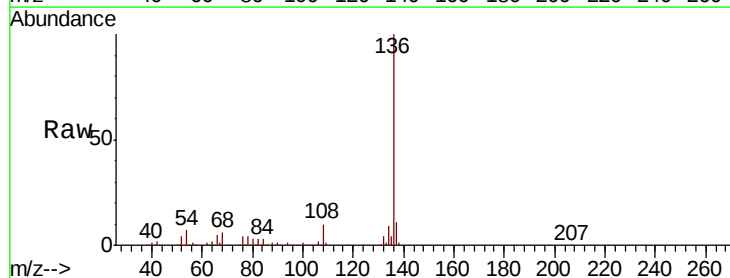
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 6.9 5.8 8.6

68 6.1 5.1 7.7

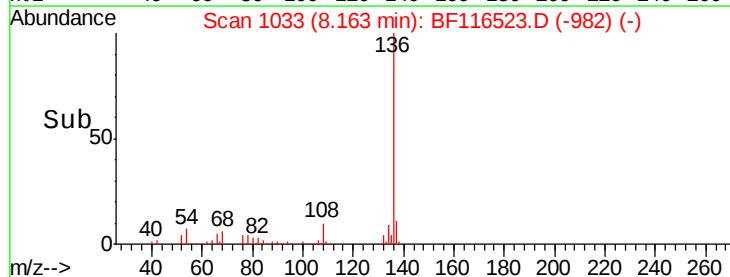
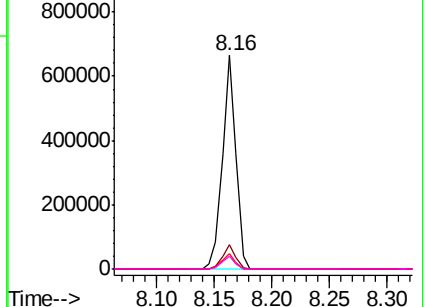


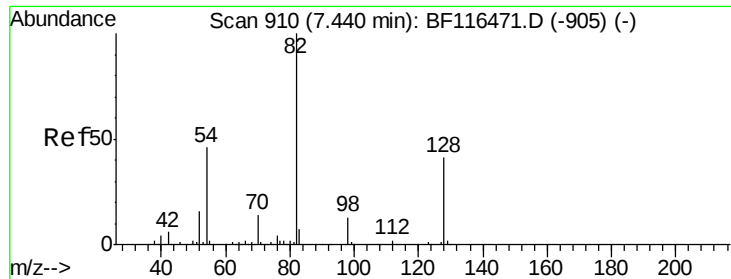
Abundance Ion 136.00 (135.70 to 136.70): E

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

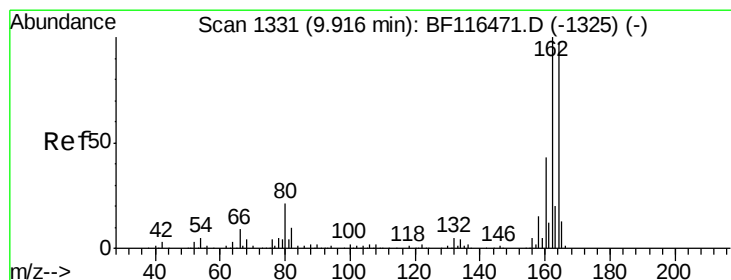
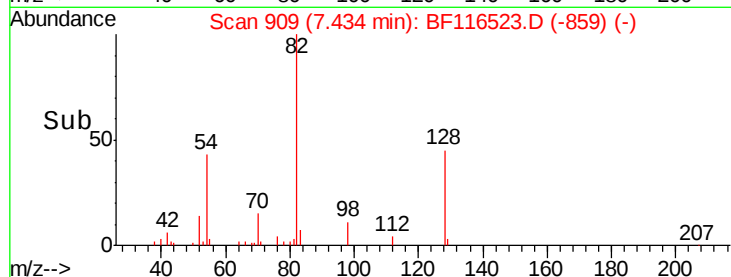
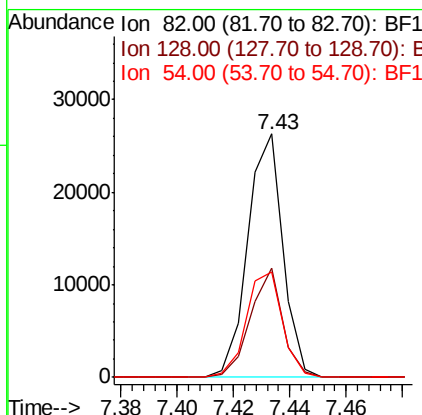
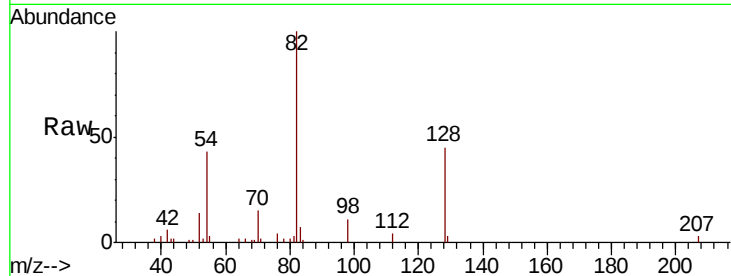




#23
 Nitrobenzene-d5
 Concen: 2.292 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF116523.D
 Acq: 24 Aug 2019 15:01

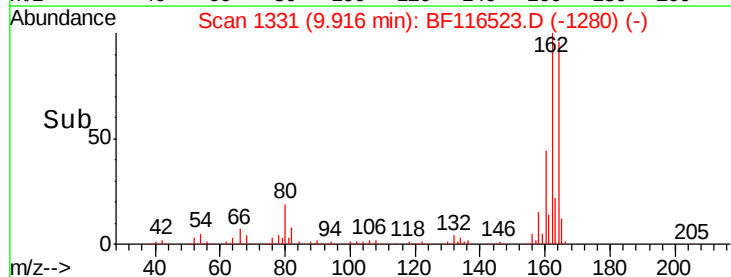
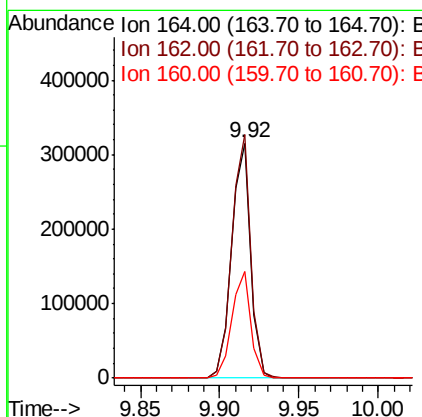
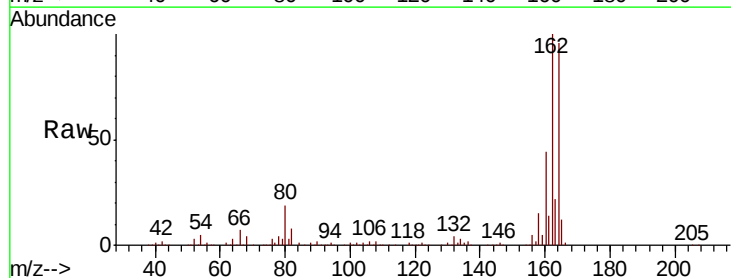
Instrument :
 BNA_F
 ClientSampleId :

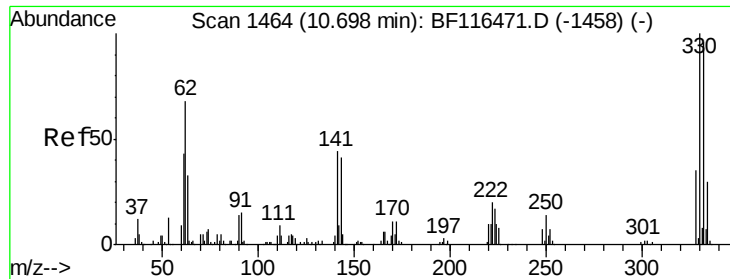
Tot Ion	82.00 (81.70 to 82.70): BF1	Resp	22633
Ion Ratio	Lower	Upper	
82	100		
128	44.7	32.2	48.4
54	43.2	36.5	54.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.00 min
 Lab File: BF116523.D
 Acq: 24 Aug 2019 15:01

Tgt Ion	164.00 (163.70 to 164.70): BF1	Resp	262459
Ion Ratio	Lower	Upper	
164	100		
162	103.7	82.6	123.8
160	45.4	35.8	53.8

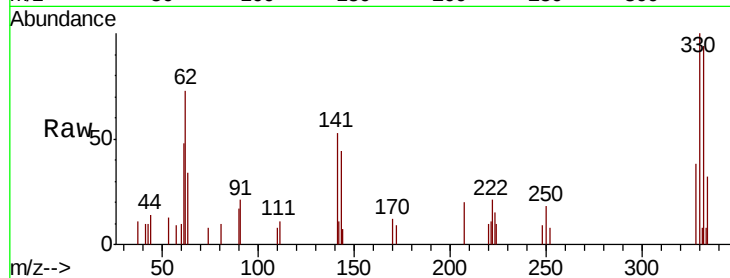




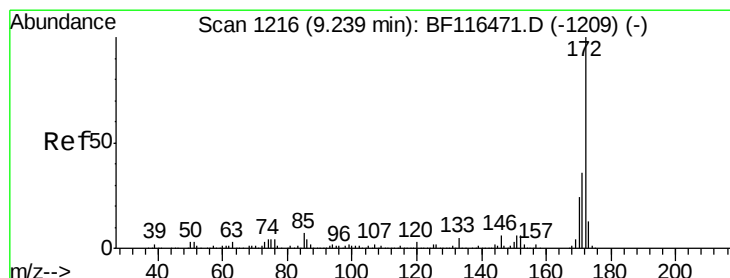
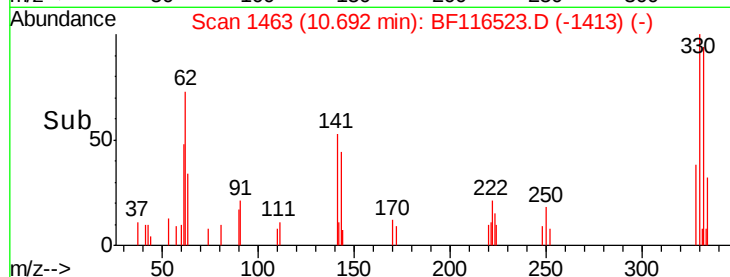
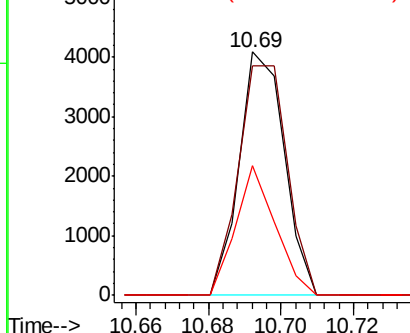
#42
 2,4,6-Tribromophenol
 Concen: 1.561 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF116523.D
 Acq: 24 Aug 2019 15:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 3517
 Ion Ratio Lower Upper
 330 100
 332 102.9 77.2 115.8
 141 47.1 33.3 49.9

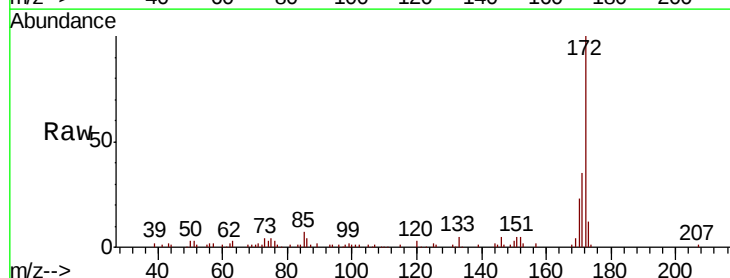


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

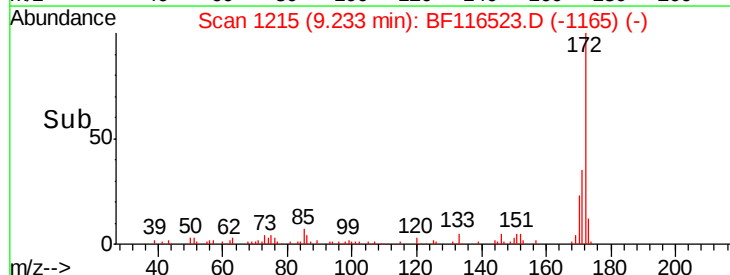
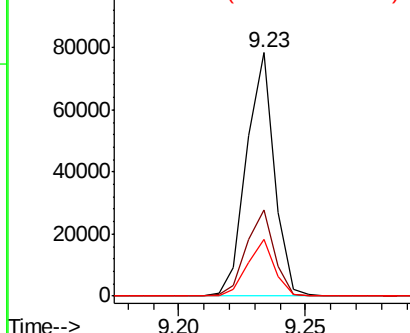


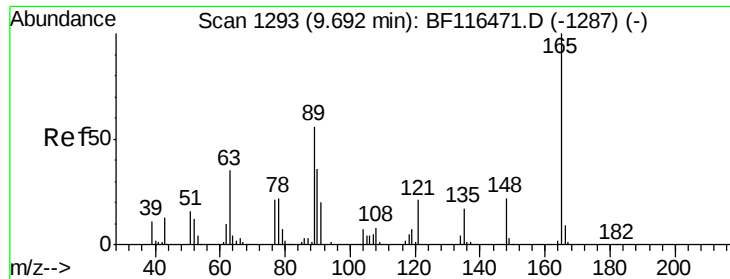
#45
 2-Fluorobiphenyl
 Concen: 3.686 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF116523.D
 Acq: 24 Aug 2019 15:01

Tgt Ion:172 Resp: 60076
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.9 43.3
 170 23.3 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

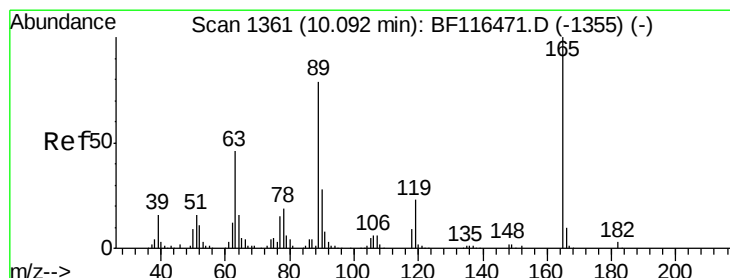
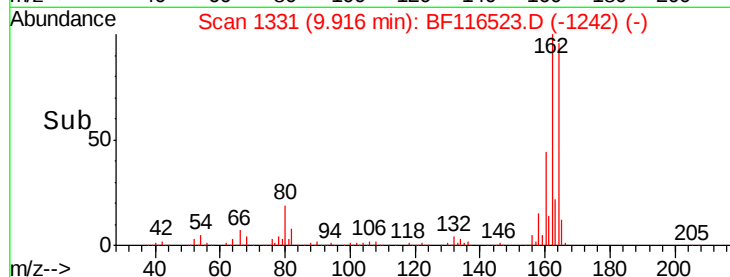
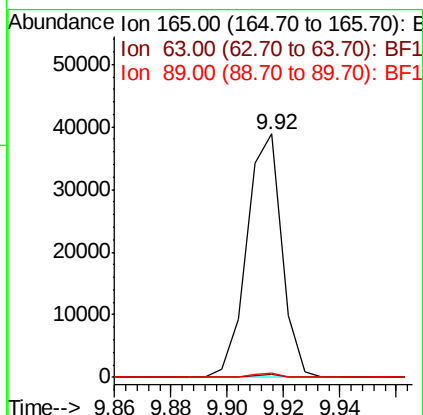
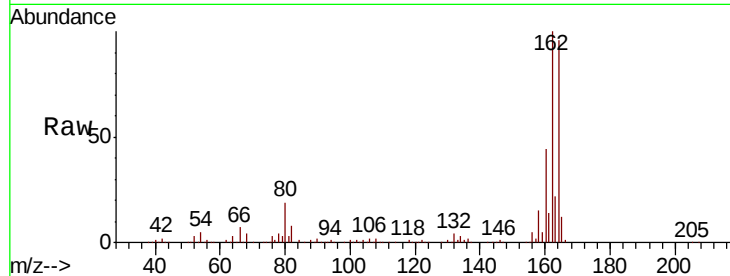




#51
 2,6-Dinitrotoluene
 Concen: 8.898 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.22 min
 Lab File: BF116523.D
 Acq: 24 Aug 2019 15:01

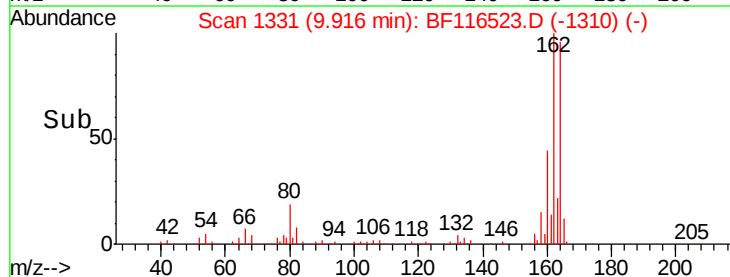
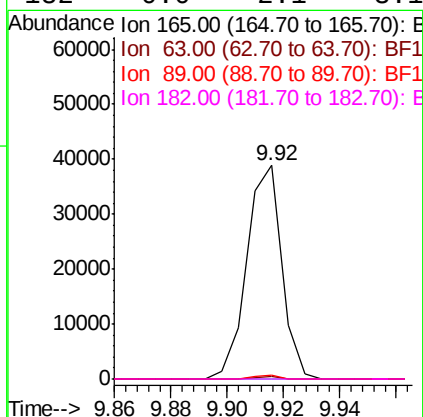
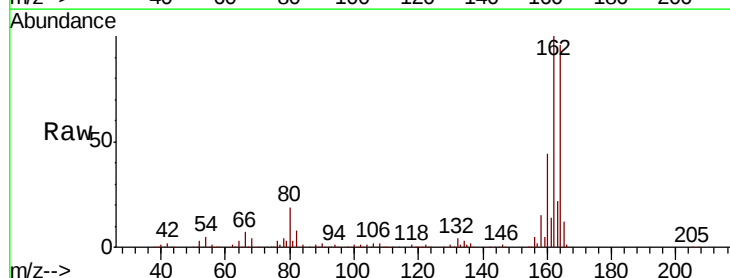
Instrument :
 BNA_F
 ClientSampled :

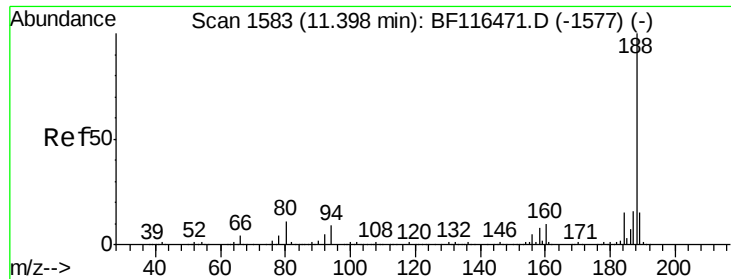
Tot Ion:165 Resp: 33352
 Ion Ratio Lower Upper
 165 100
 63 1.0 43.7 65.5#
 89 1.7 45.1 67.7#



#57
 2,4-Dinitrotoluene
 Concen: 6.993 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.18 min
 Lab File: BF116523.D
 Acq: 24 Aug 2019 15:01

Tgt Ion:165 Resp: 33352
 Ion Ratio Lower Upper
 165 100
 63 1.0 36.9 55.3#
 89 1.7 63.4 95.0#
 182 0.0 2.1 3.1#

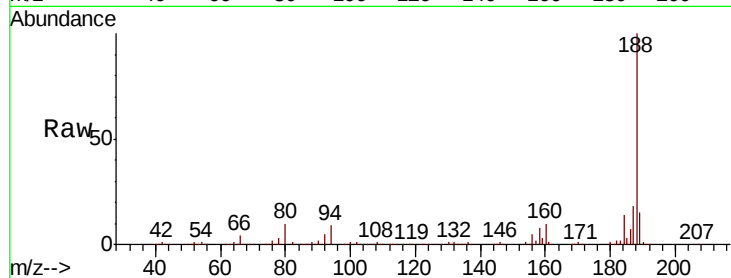




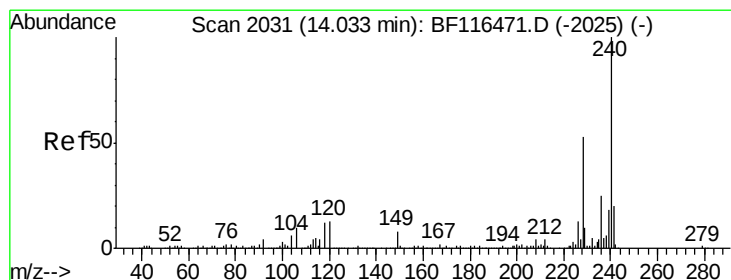
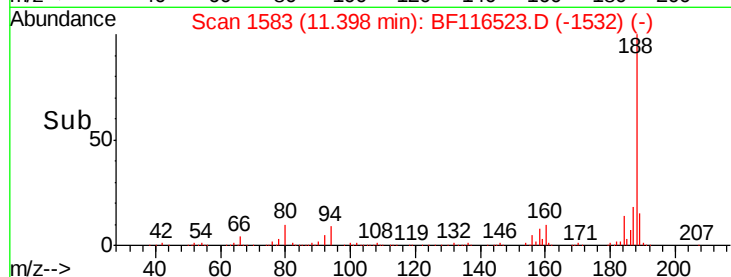
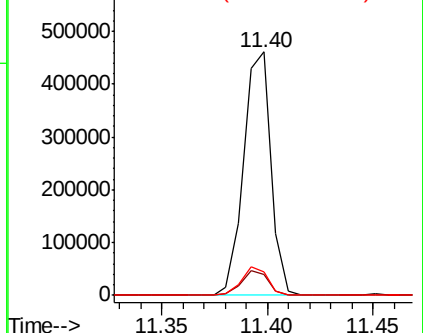
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF116523.D
Acq: 24 Aug 2019 15:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 413745
Ion Ratio Lower Upper
188 100
94 8.7 7.4 11.2
80 9.7 8.6 12.8

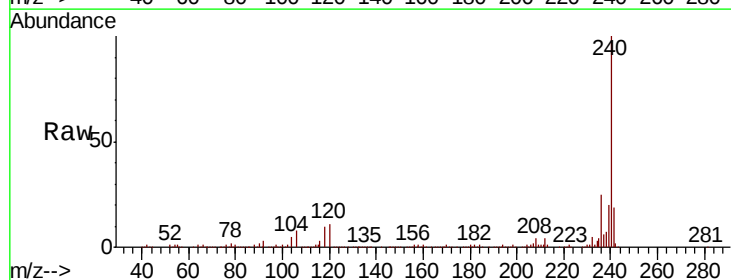


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

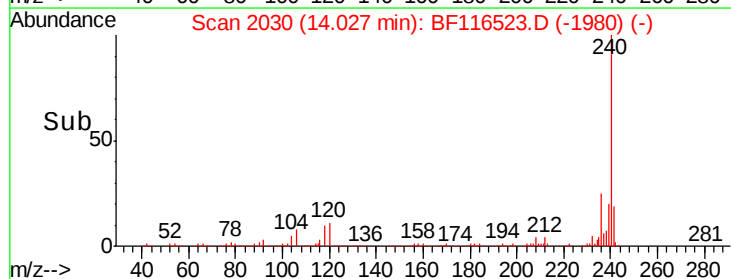
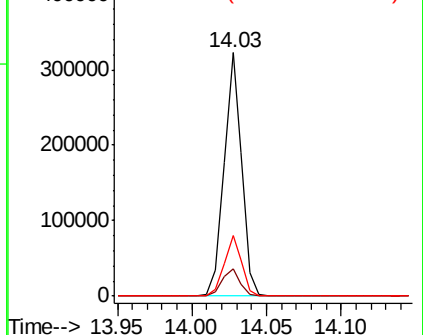


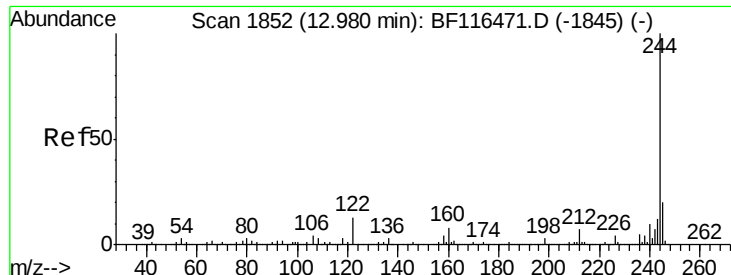
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF116523.D
Acq: 24 Aug 2019 15:01

Tgt Ion:240 Resp: 269709
Ion Ratio Lower Upper
240 100
120 11.2 10.5 15.7
236 25.0 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: 3.525 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BF116523.D

Acq: 24 Aug 2019 15:01

Instrument :

BNA_F

ClientSampleId :

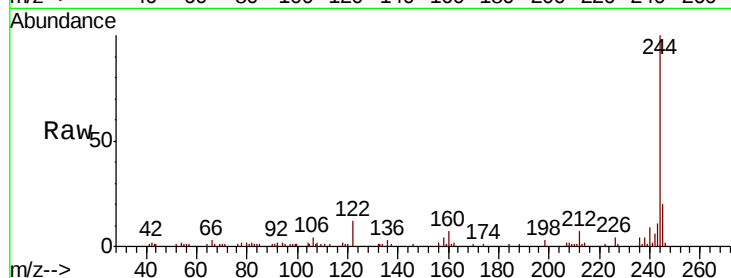
Tot Ion:244 Resp: 50894

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

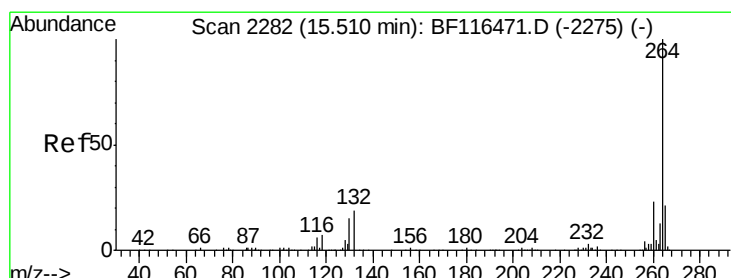
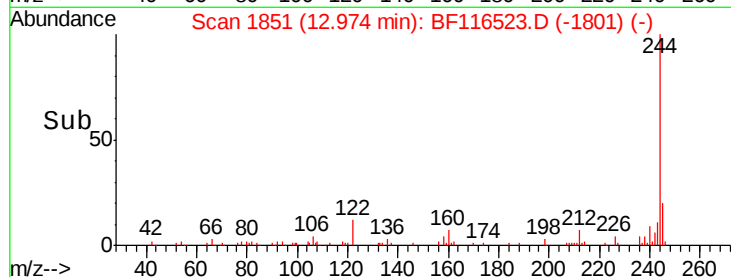
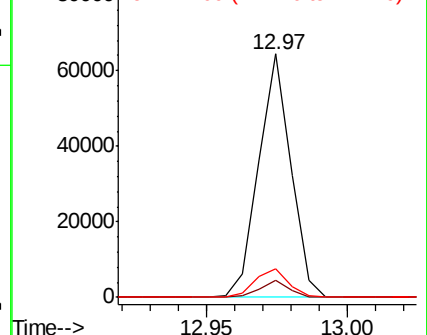
122 11.7 10.2 15.4



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: BF116523.D

Acq: 24 Aug 2019 15:01

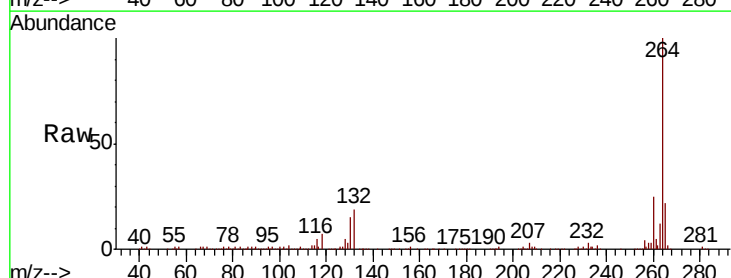
Tgt Ion:264 Resp: 266619

Ion Ratio Lower Upper

264 100

260 25.2 18.8 28.2

265 21.6 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

