

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071919\
 Data File : BF115689.D
 Acq On : 19 Jul 2019 23:11
 Operator : HP/JU
 Sample : K3615-03 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-071719-B

Quant Time: Jul 20 04:18:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

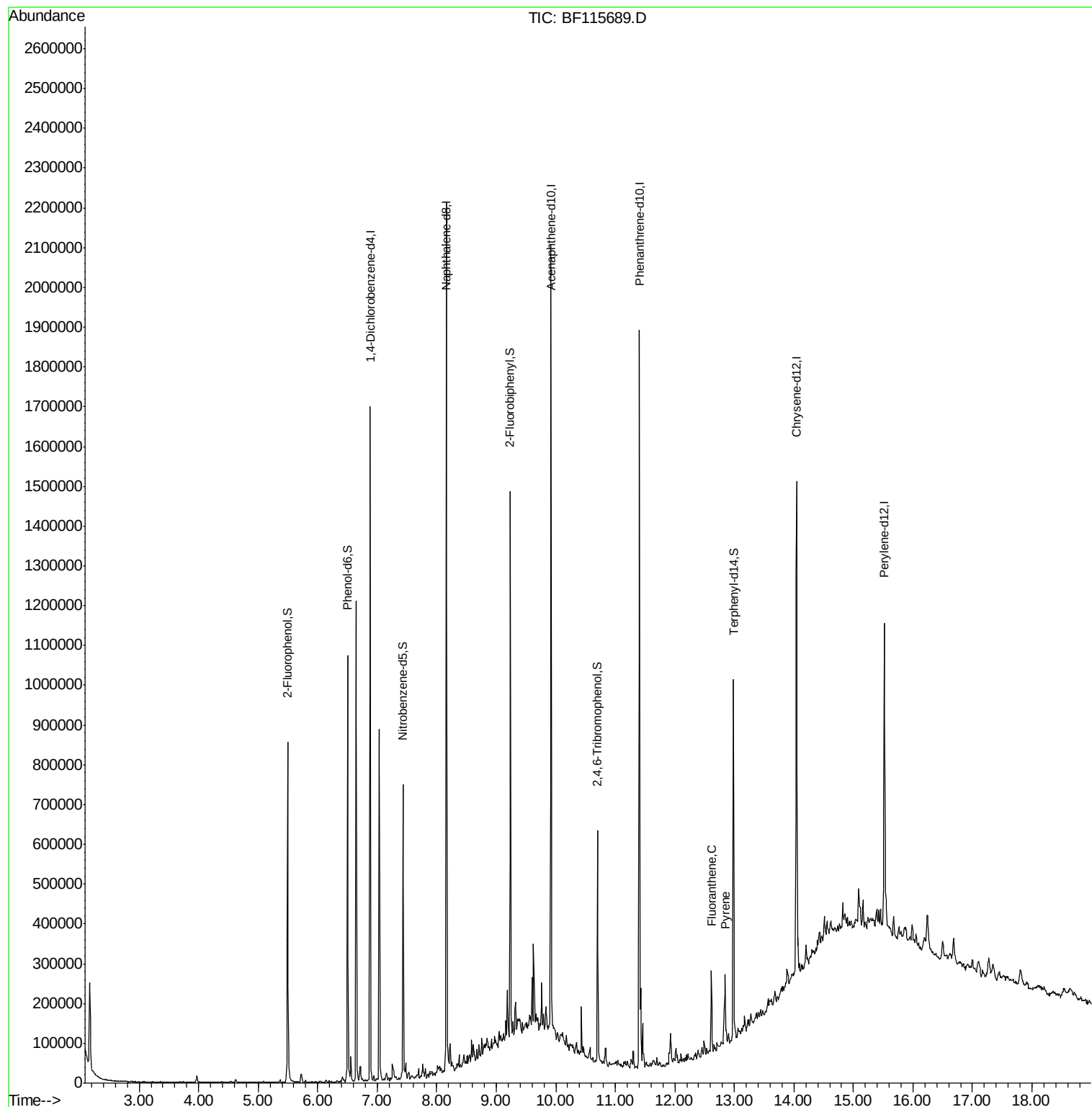
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	229649	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	896179	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	397531	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	611898	20.00	ng	0.00
76) Chrysene-d12	14.04	240	386537	20.00	ng	0.00
87) Perylene-d12	15.52	264	361676	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	260742	18.57	ng	-0.01
7) Phenol-d6	6.50	99	370230	20.78	ng	-0.01
23) Nitrobenzene-d5	7.43	82	227080	14.73	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	67529	14.55	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	421654	18.56	ng	-0.02
79) Terphenyl-d14	12.99	244	297641	14.21	ng	-0.01
Target Compounds						
75) Fluoranthene	12.62	202	73641	2.222	ng	100
78) Pyrene	12.84	202	66811	2.040	ng	96

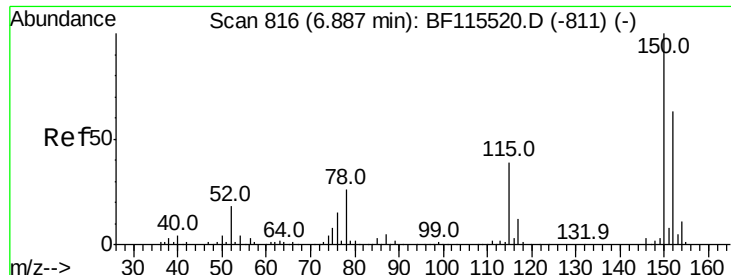
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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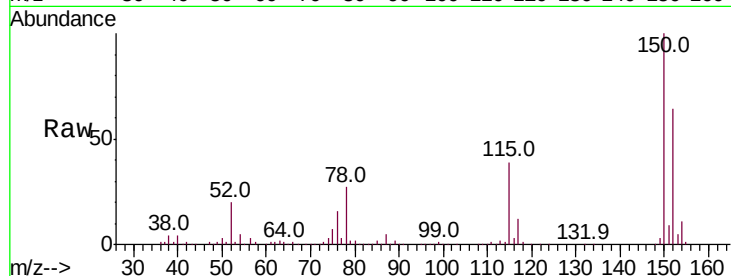


#1

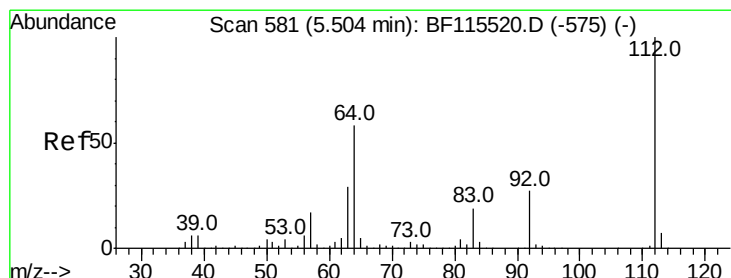
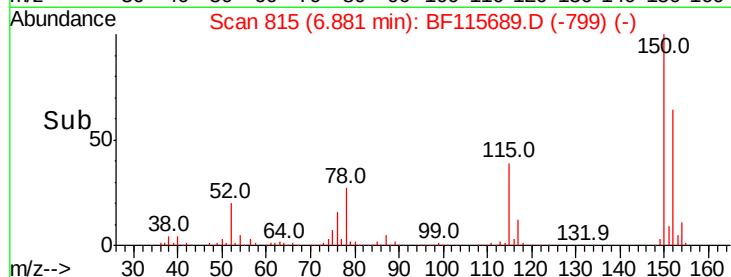
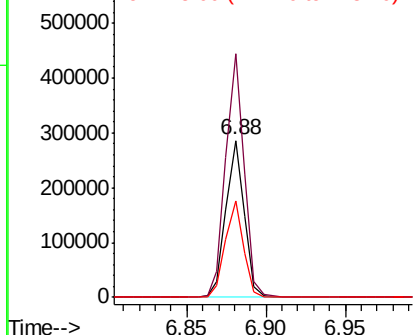
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115689.D
Acq: 19 Jul 2019 23:11

Instrument :
BNA_F
ClientSampleId :
HR-06-071719-B

Tot Ion:152 Resp: 229649
Ion Ratio Lower Upper
152 100
150 155.1 129.7 194.5
115 61.2 48.2 72.4



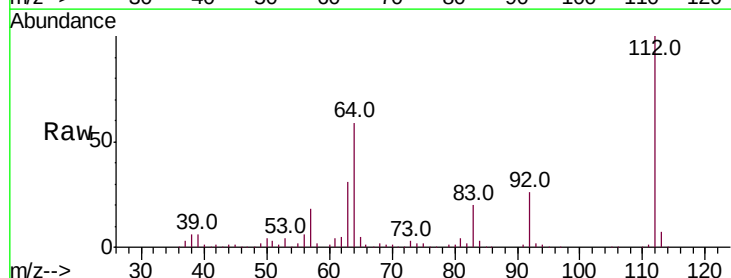
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



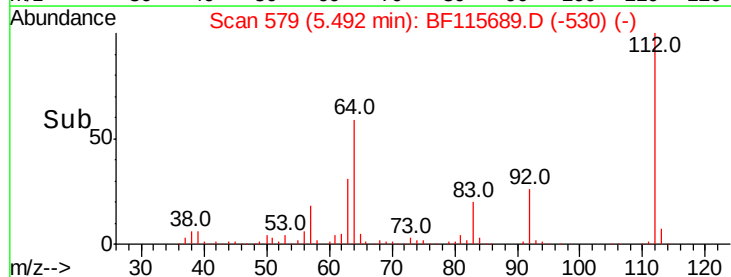
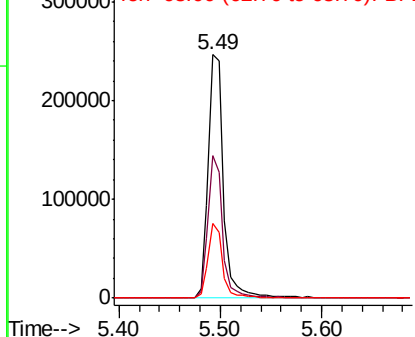
#5

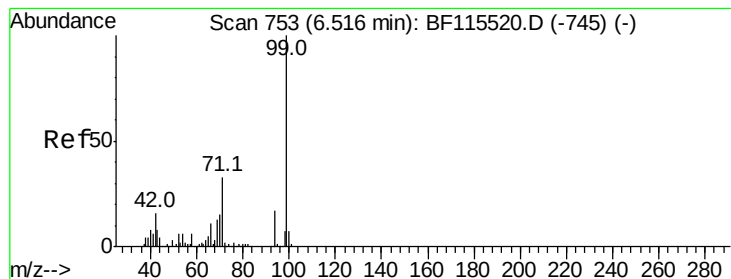
2-Fluorophenol
Concen: 18.572 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.01 min
Lab File: BF115689.D
Acq: 19 Jul 2019 23:11

Tgt Ion:112 Resp: 260742
Ion Ratio Lower Upper
112 100
64 58.6 46.8 70.2
63 30.5 24.1 36.1



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: 20.782 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF115689.D

Acq: 19 Jul 2019 23:11

Instrument :

BNA_F

ClientSampleId :

HR-06-071719-B

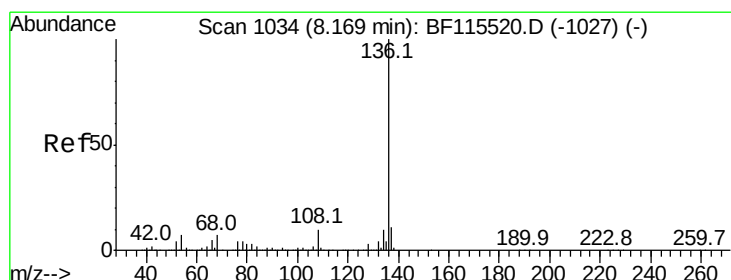
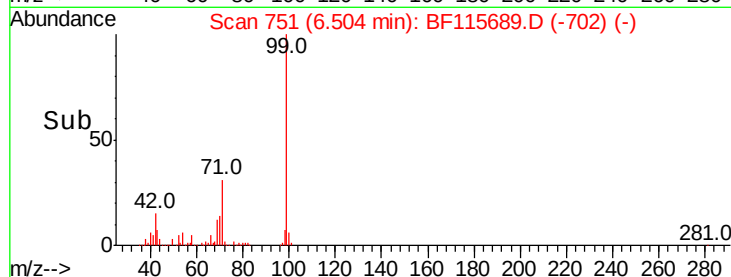
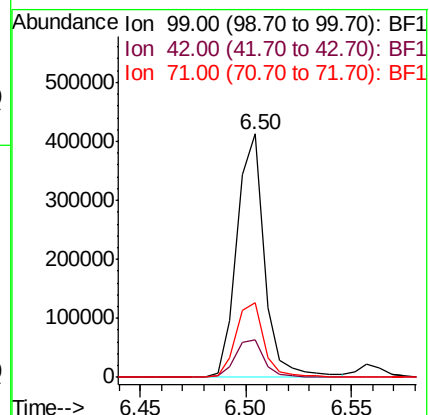
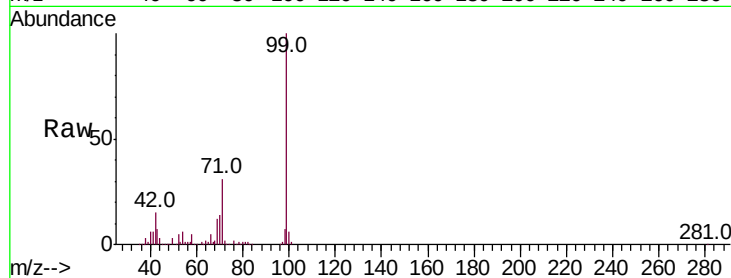
Tot Ion: 99 Resp: 370230

Ion Ratio Lower Upper

99 100

42 15.5 13.6 20.4

71 30.6 28.5 42.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF115689.D

Acq: 19 Jul 2019 23:11

Tgt Ion: 136 Resp: 896179

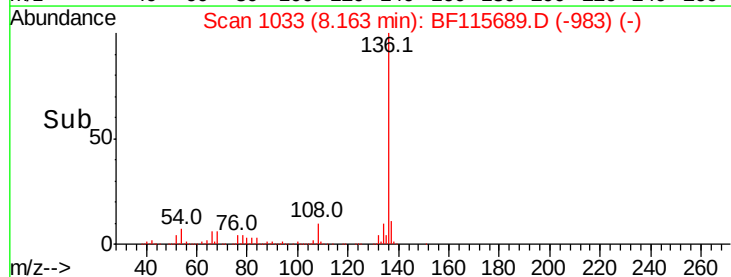
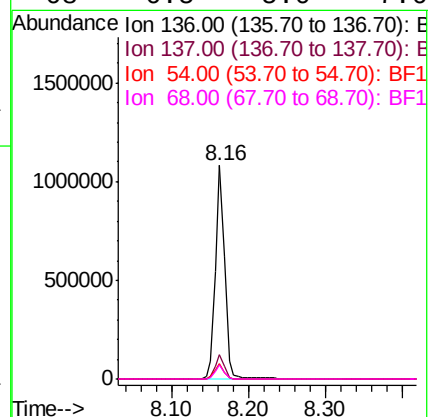
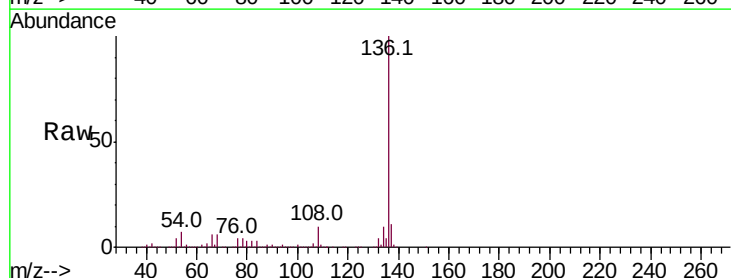
Ion Ratio Lower Upper

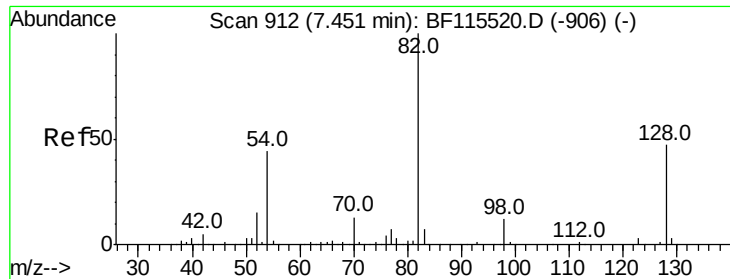
136 100

137 11.4 9.0 13.4

54 7.3 5.6 8.4

68 6.5 5.0 7.6

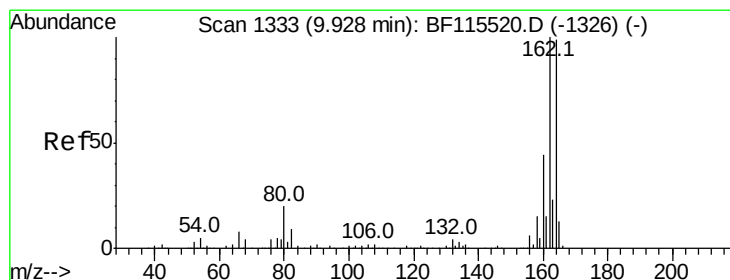
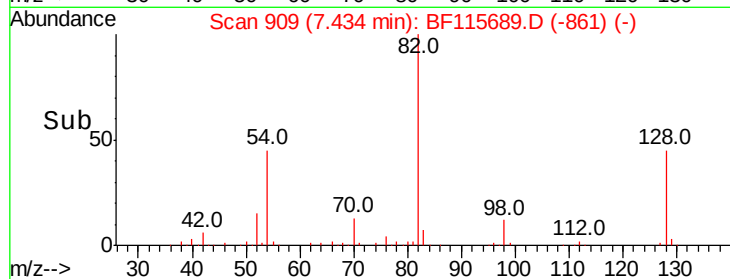
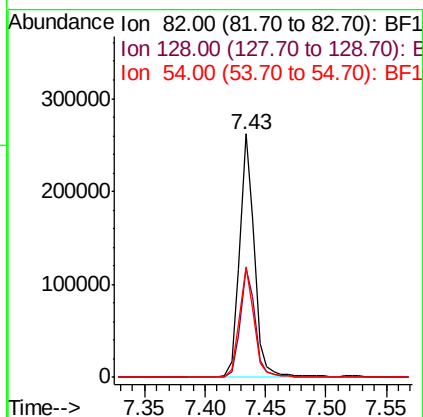
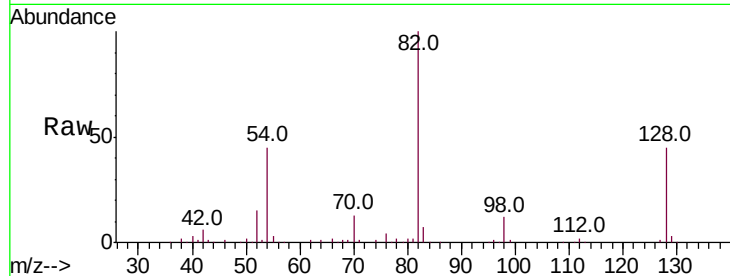




#23
 Nitrobenzene-d5
 Concen: 14.734 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.02 min
 Lab File: BF115689.D
 Acq: 19 Jul 2019 23:11

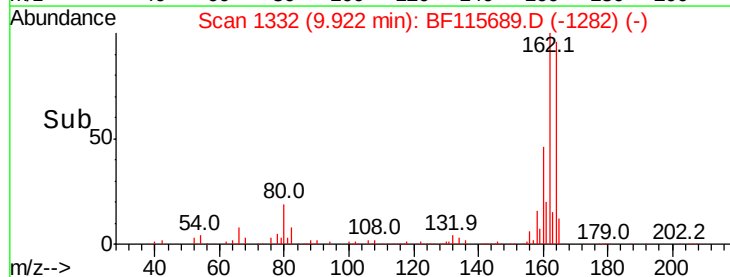
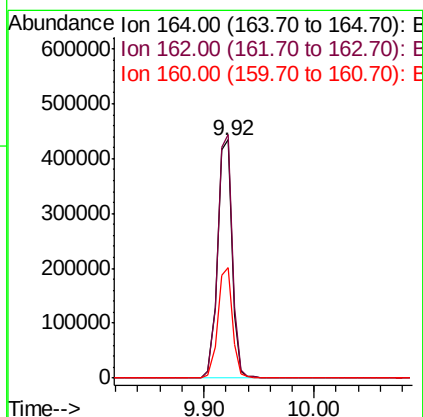
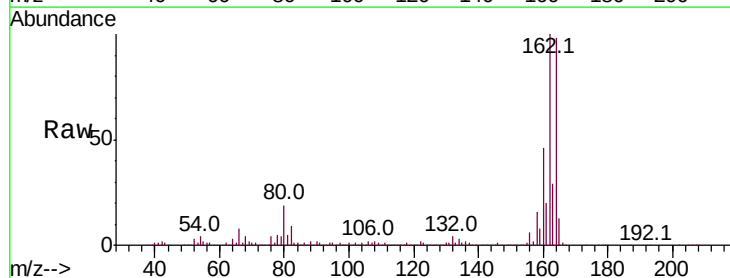
Instrument :
 BNA_F
 ClientSampleId :
 HR-06-071719-B

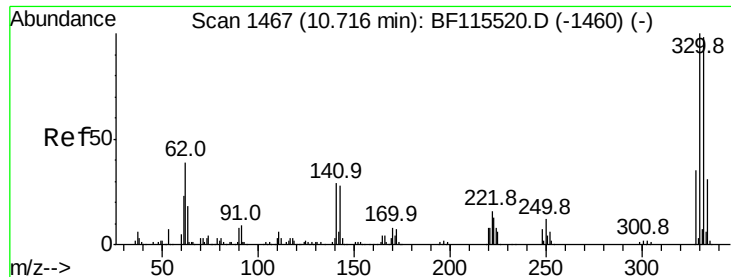
Tot Ion	82	Resp	227080
Ion Ratio	Lower	Upper	
82	100		
128	44.9	38.6	57.8
54	45.3	35.6	53.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.01 min
 Lab File: BF115689.D
 Acq: 19 Jul 2019 23:11

Tgt Ion	164	Resp	397531
Ion Ratio	Lower	Upper	
164	100		
162	102.3	82.9	124.3
160	46.7	36.8	55.2

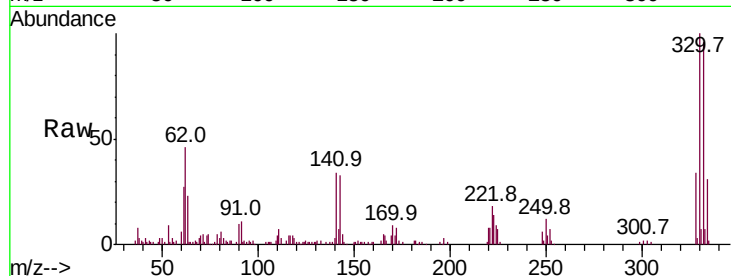




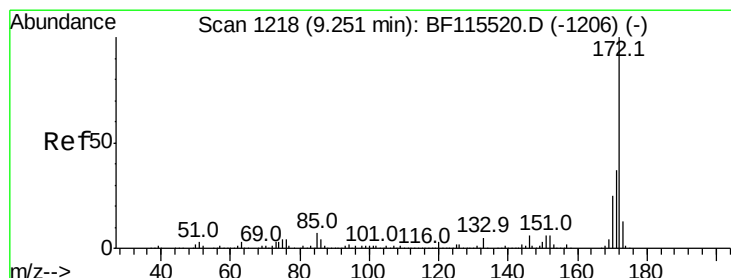
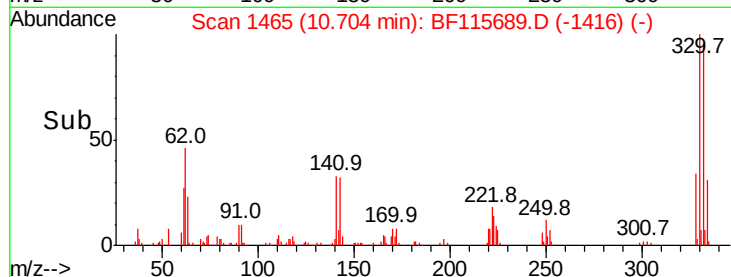
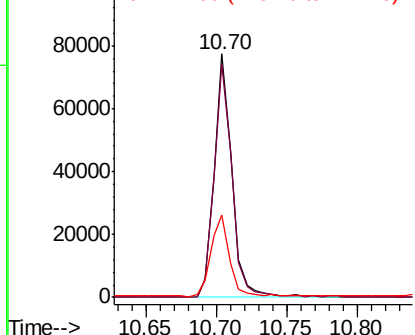
#42
 2,4,6-Tribromophenol
 Concen: 14.553 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF115689.D
 Acq: 19 Jul 2019 23:11

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-071719-B

Tot Ion:330 Resp: 67529
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.4 116.2
 141 35.0 22.4 33.6#

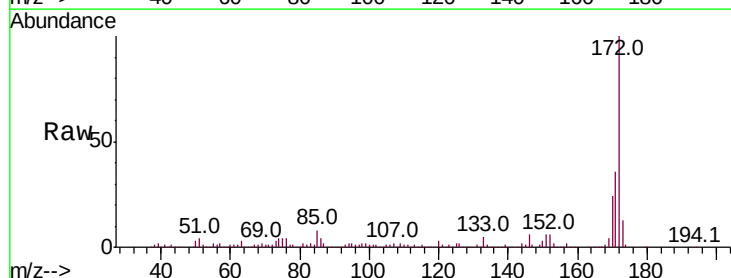


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

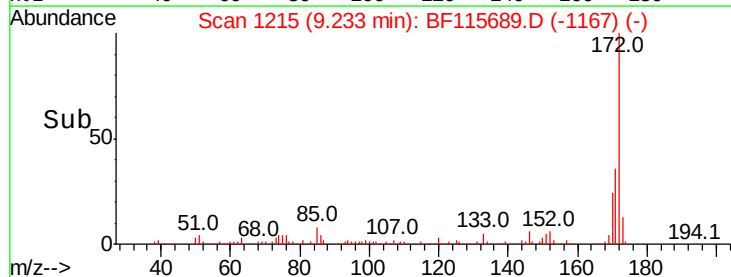
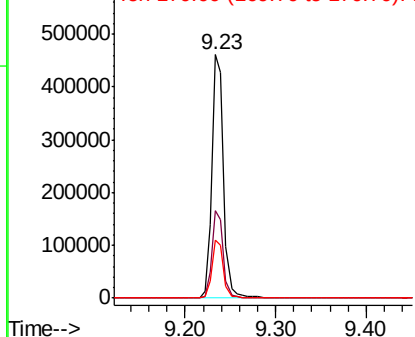


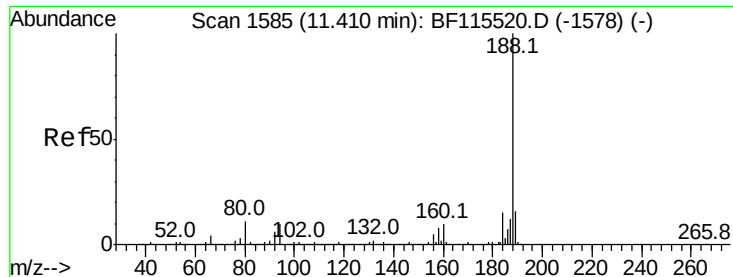
#45
 2-Fluorobiphenyl
 Concen: 18.565 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.02 min
 Lab File: BF115689.D
 Acq: 19 Jul 2019 23:11

Tgt Ion:172 Resp: 421654
 Ion Ratio Lower Upper
 172 100
 171 35.7 30.6 46.0
 170 24.0 20.5 30.7



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF115689.D

Acq: 19 Jul 2019 23:11

Instrument :

BNA_F

ClientSampleId :

HR-06-071719-B

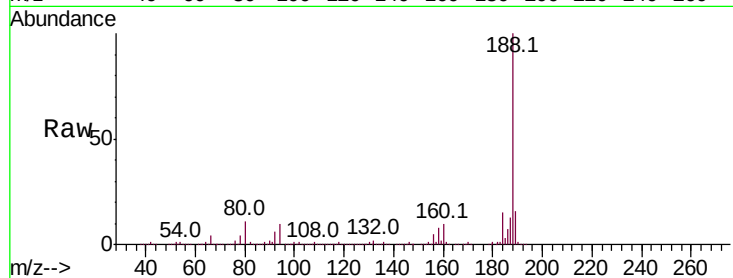
Tot Ion:188 Resp: 611898

Ion Ratio Lower Upper

188 100

94 9.9 7.8 11.6

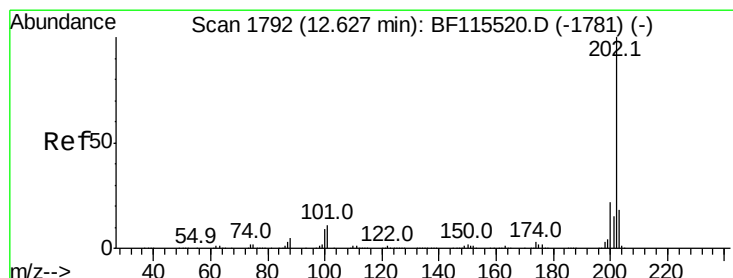
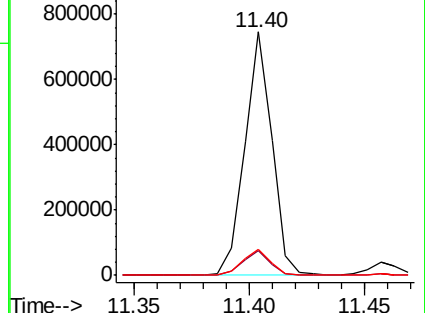
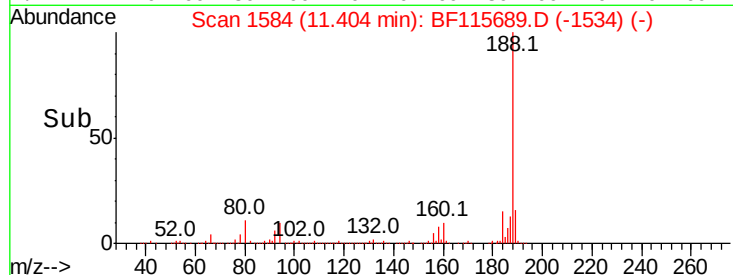
80 10.5 8.6 13.0



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



#75

Fluoranthene

Concen: 2.222 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BF115689.D

Acq: 19 Jul 2019 23:11

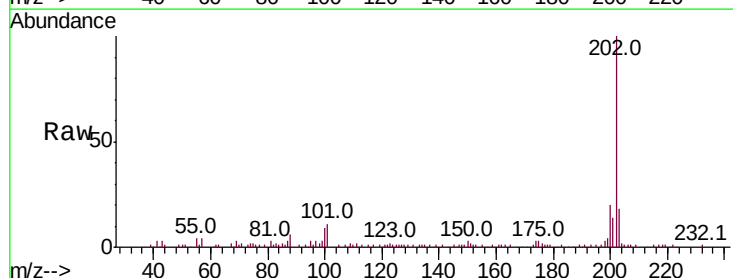
Tgt Ion:202 Resp: 73641

Ion Ratio Lower Upper

202 100

101 11.2 0.0 31.4

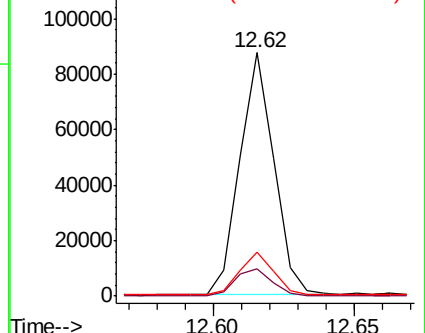
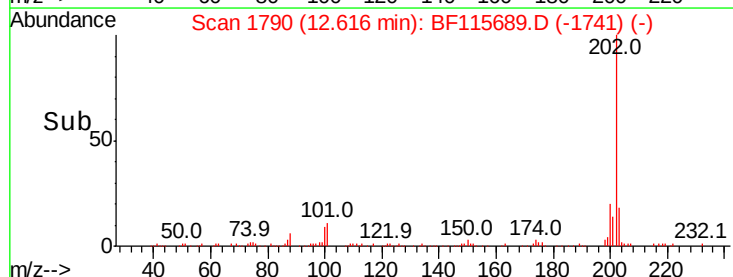
203 18.0 0.0 38.1

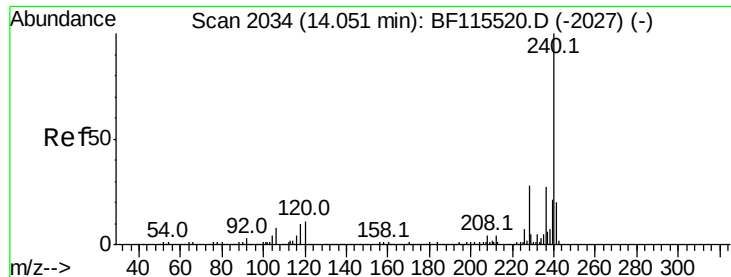


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

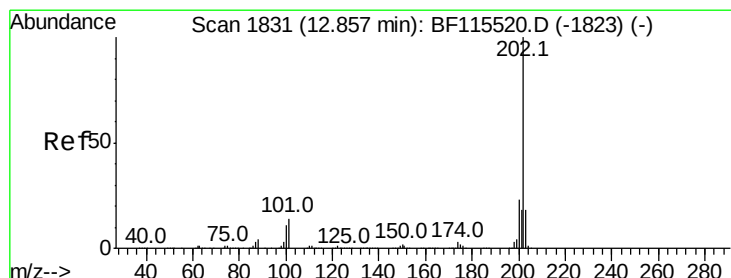
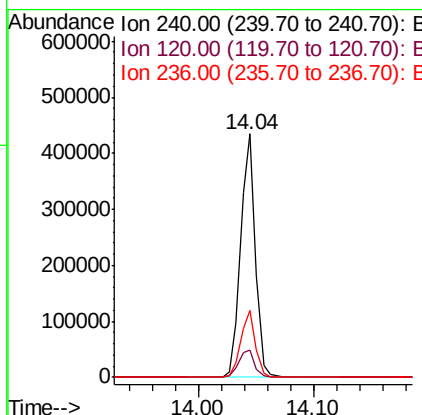
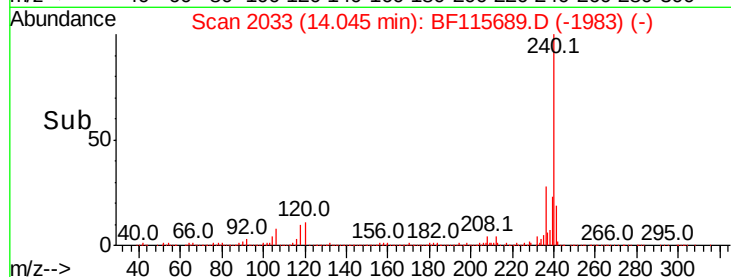
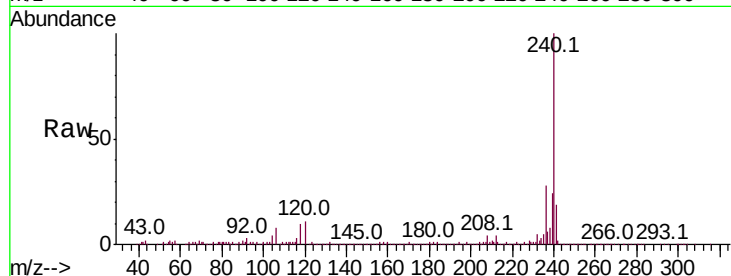




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF115689.D
Acq: 19 Jul 2019 23:11

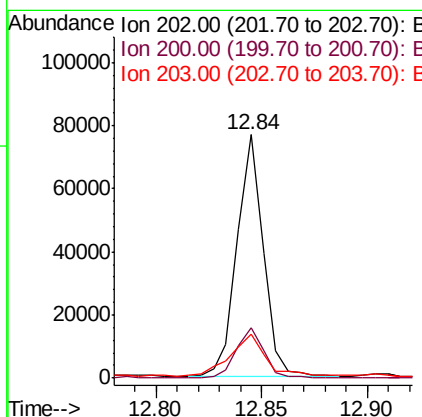
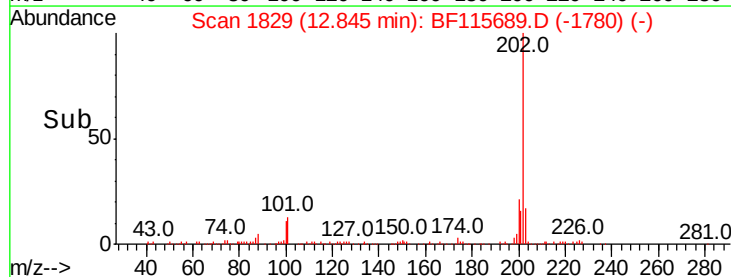
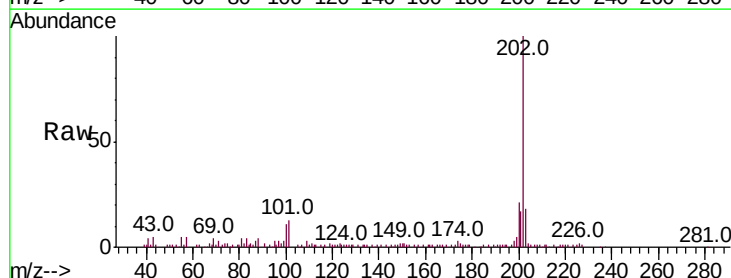
Instrument :
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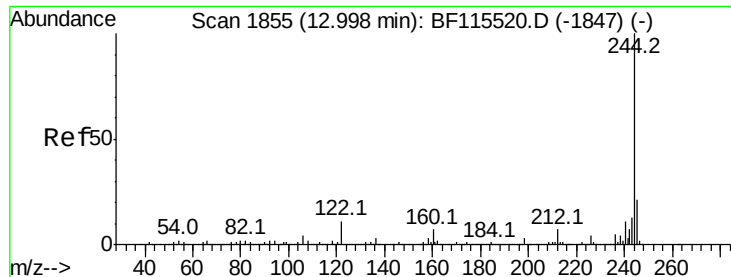
Tot Ion:240 Resp: 386537
Ion Ratio Lower Upper
240 100
120 11.1 8.6 13.0
236 27.7 21.3 31.9



#78
Pyrene
Concen: 2.040 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF115689.D
Acq: 19 Jul 2019 23:11

Tgt Ion:202 Resp: 66811
Ion Ratio Lower Upper
202 100
200 20.8 18.7 28.1
203 18.1 15.2 22.8





#79

Terphenyl-d14

Concen: 14.208 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF115689.D

Acq: 19 Jul 2019 23:11

Instrument :

BNA_F

ClientSampleId :

HR-06-071719-B

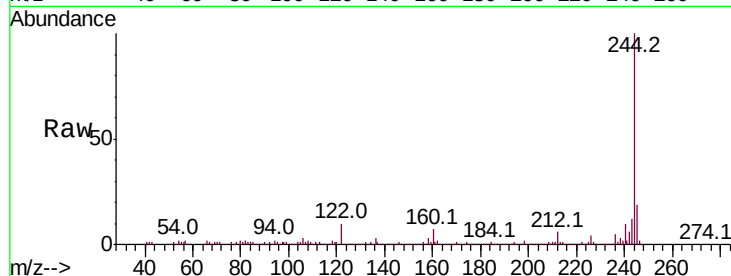
Tot Ion:244 Resp: 297641

Ion Ratio Lower Upper

244 100

212 6.3 6.0 9.0

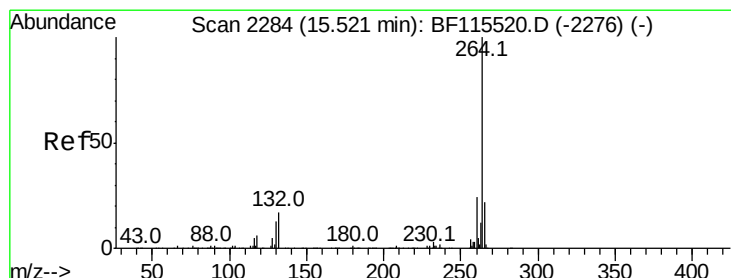
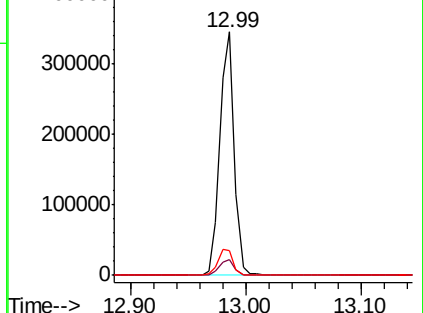
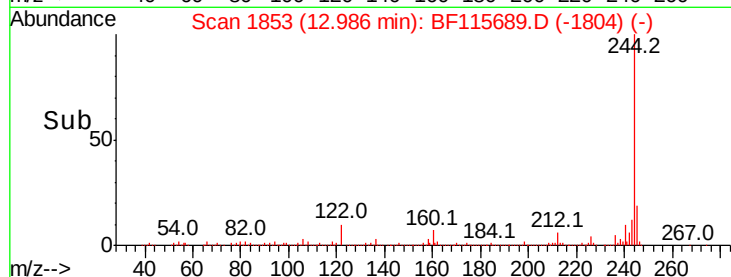
122 10.2 8.6 12.8



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: 15.52 min Scan# 2284

Delta R.T. -0.00 min

Lab File: BF115689.D

Acq: 19 Jul 2019 23:11

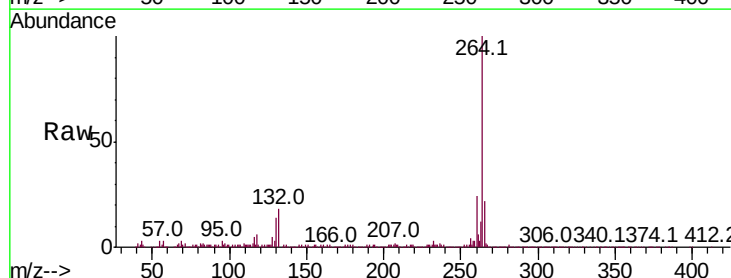
Tgt Ion:264 Resp: 361676

Ion Ratio Lower Upper

264 100

260 24.2 19.8 29.8

265 22.5 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

