

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
 Data File : BF116393.D
 Acq On : 19 Aug 2019 17:51
 Operator : HP/JU
 Sample : K4350-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-18_081519

Quant Time: Aug 20 01:57:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:03:31 2019
 Response via : Initial Calibration

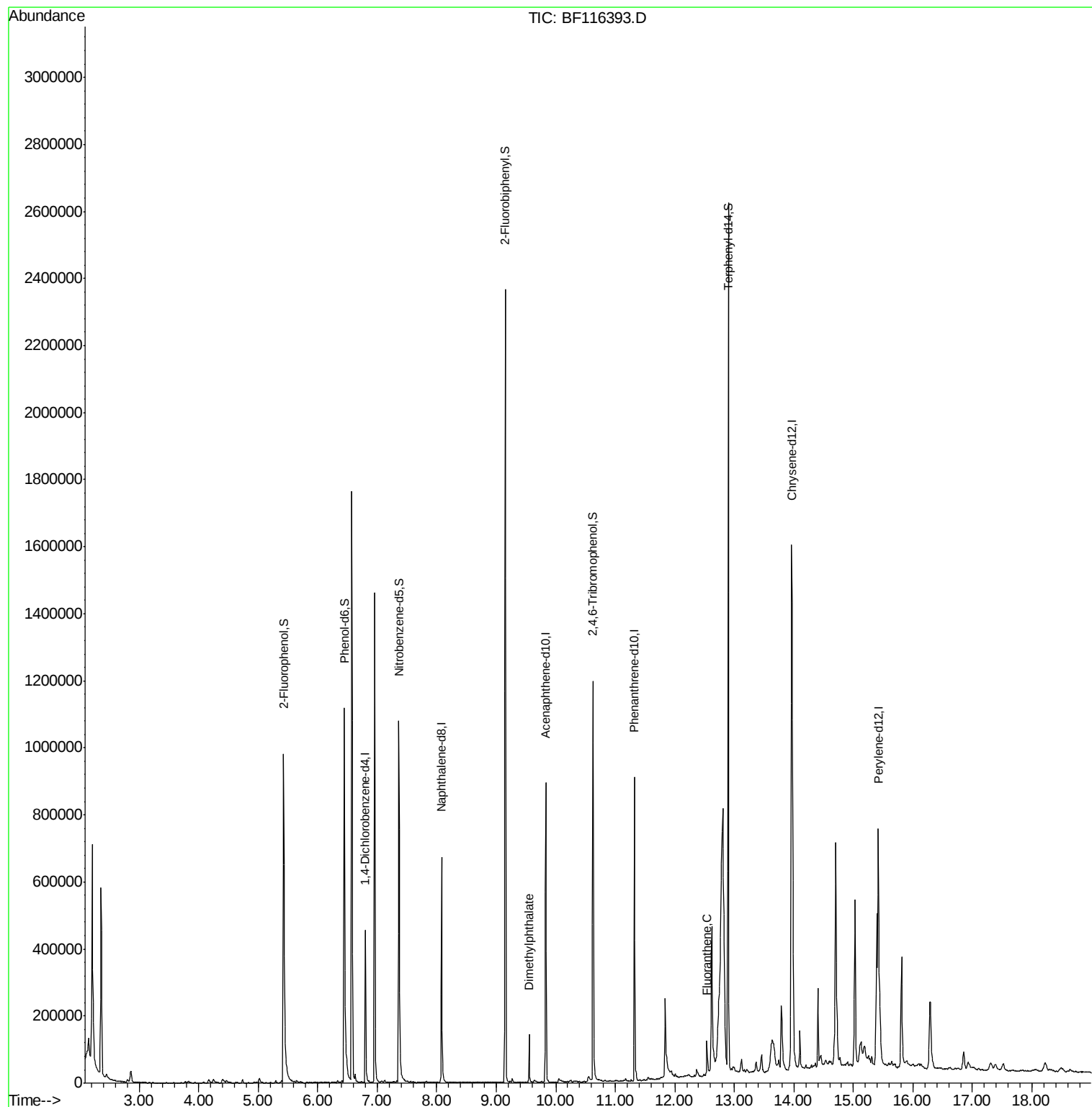
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	78353	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	304257	20.00	ng	-0.02
39) Acenaphthene-d10	9.83	164	164992	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	314593	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	296036	20.00	ng	-0.02
87) Perylene-d12	15.42	264	348743	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	396703	84.76	ng	-0.01
7) Phenol-d6	6.45	99	515937	87.37	ng	-0.02
23) Nitrobenzene-d5	7.36	82	378593	71.83	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	155038	96.92	ng	-0.02
45) 2-Fluorobiphenyl	9.15	172	672886	76.39	ng	-0.02
79) Terphenyl-d14	12.90	244	867496	61.75	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.55	163	54690	4.868	ng	98
75) Fluoranthene	12.54	202	38364	2.279	ng	96

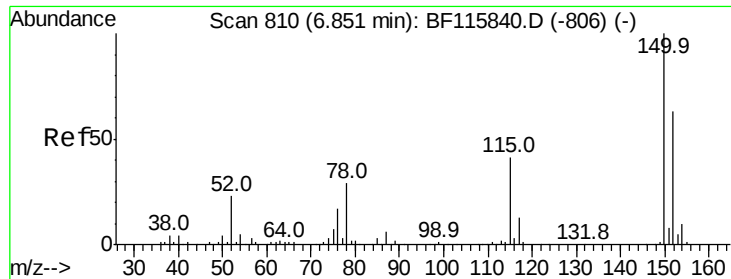
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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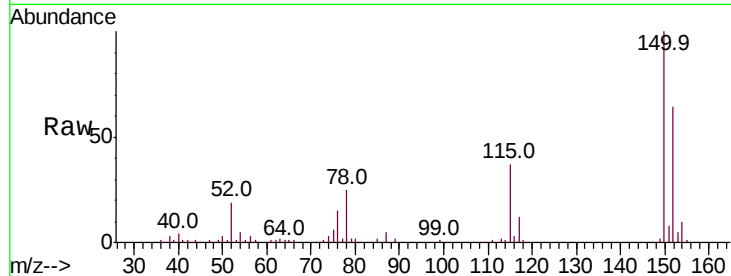


#1

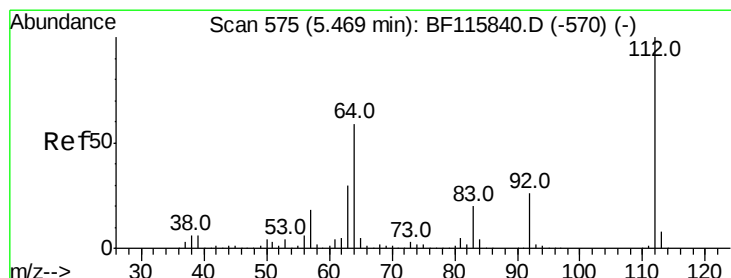
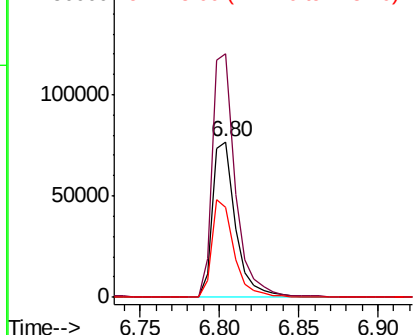
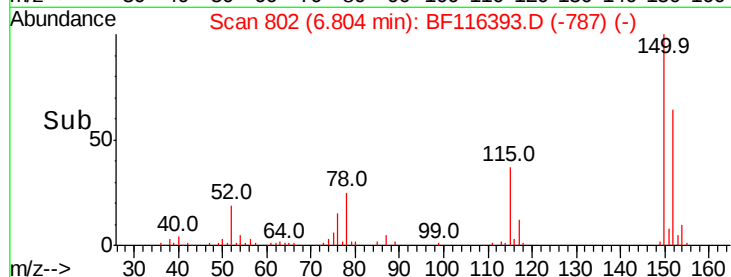
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF116393.D
Acq: 19 Aug 2019 17:51

Instrument :
BNA_F
ClientSampleId :
SS-18_081519

Tot Ion:152 Resp: 78353
Ion Ratio Lower Upper
152 100
150 156.2 126.2 189.2
115 57.9 49.9 74.9



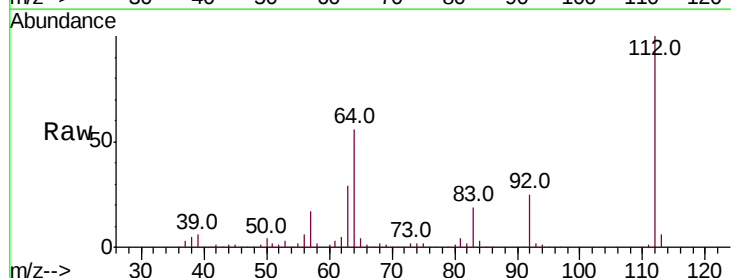
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



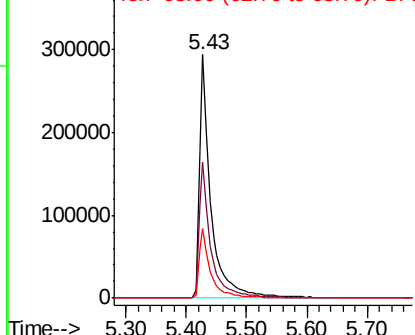
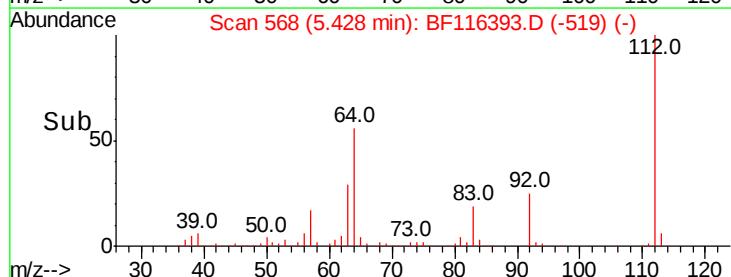
#5

2-Fluorophenol
Concen: 84.758 ng
RT: 5.43 min Scan# 568
Delta R.T. -0.01 min
Lab File: BF116393.D
Acq: 19 Aug 2019 17:51

Tgt Ion:112 Resp: 396703
Ion Ratio Lower Upper
112 100
64 56.0 45.4 68.2
63 28.8 23.7 35.5



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: 87.370 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.02 min

Lab File: BF116393.D

Acq: 19 Aug 2019 17:51

Instrument :

BNA_F

ClientSampled :

SS-18_081519

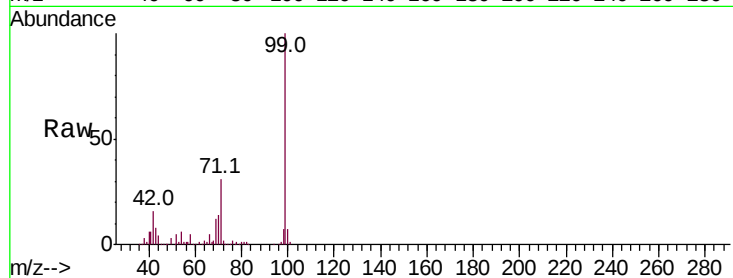
Tot Ion: 99 Resp: 515937

Ion Ratio Lower Upper

99 100

42 15.7 13.8 20.8

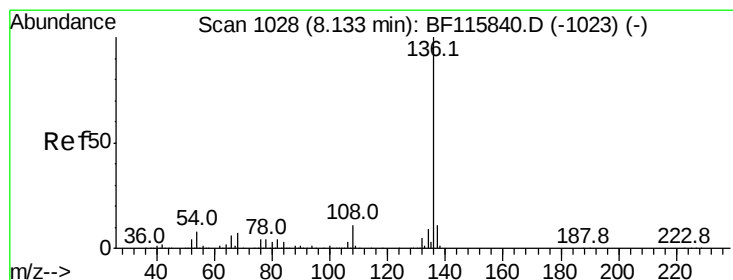
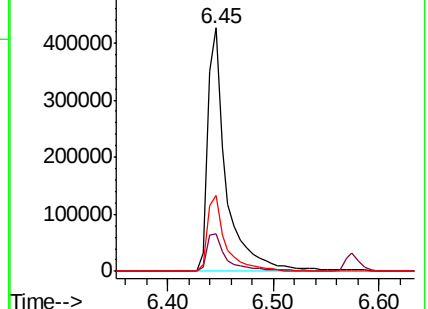
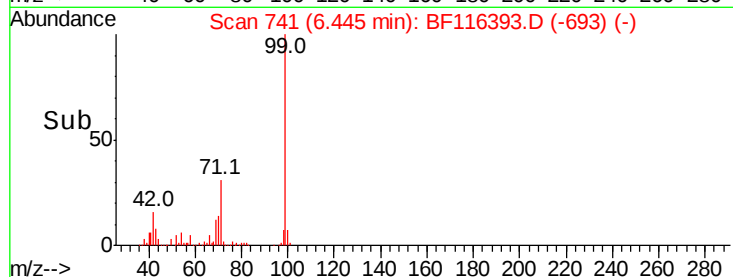
71 31.3 27.3 40.9



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: 8.08 min Scan# 1019

Delta R.T. -0.02 min

Lab File: BF116393.D

Acq: 19 Aug 2019 17:51

Tgt Ion: 136 Resp: 304257

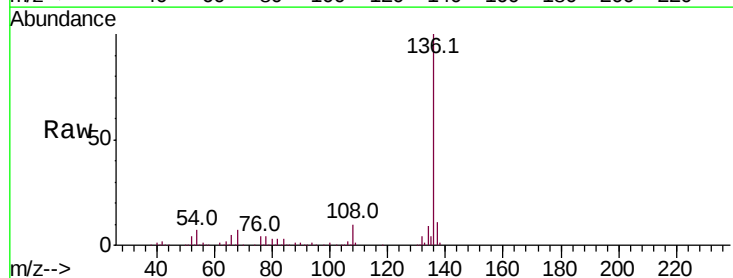
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 7.1 5.8 8.6

68 6.7 5.2 7.8

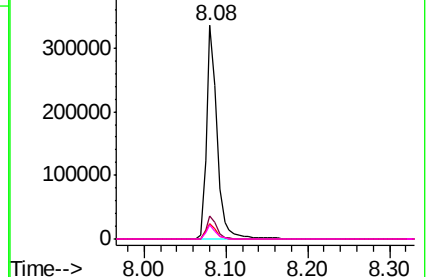
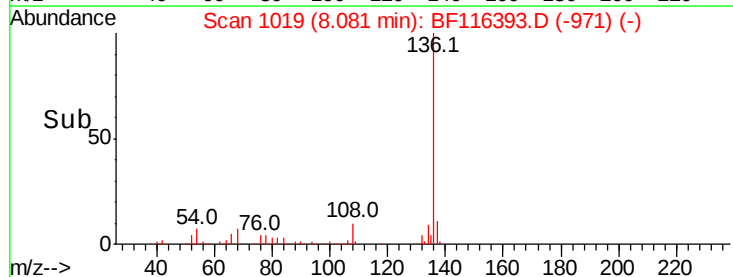


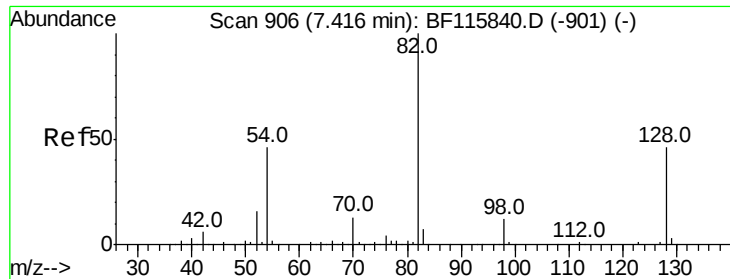
Abundance Ion 136.00 (135.70 to 136.70): E

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

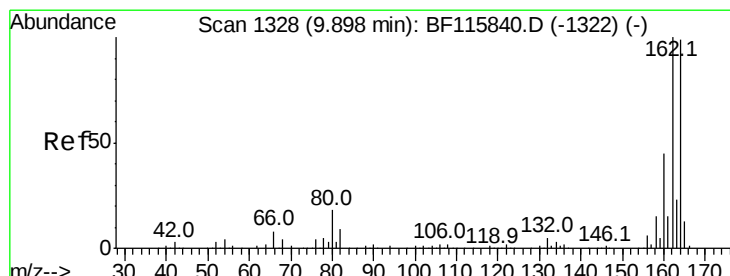
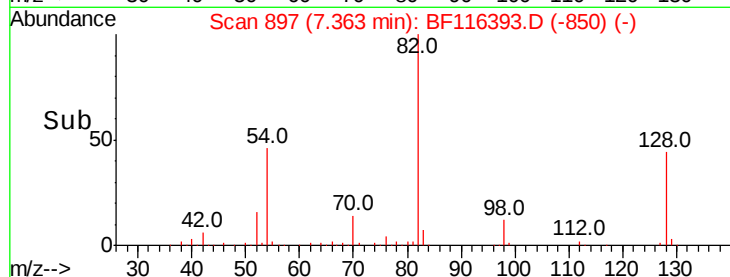
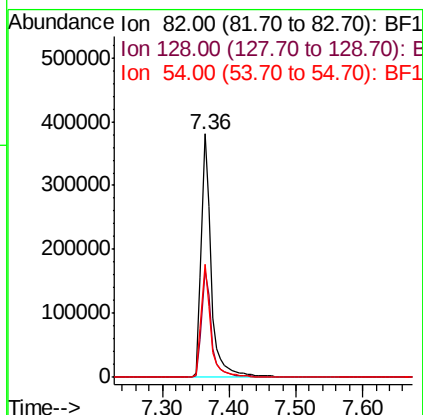
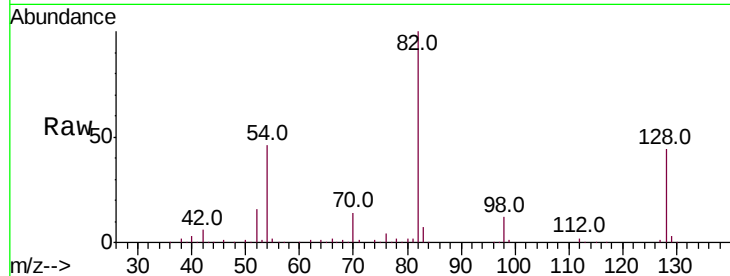




#23
 Nitrobenzene-d5
 Concen: 71.826 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.02 min
 Lab File: BF116393.D
 Acq: 19 Aug 2019 17:51

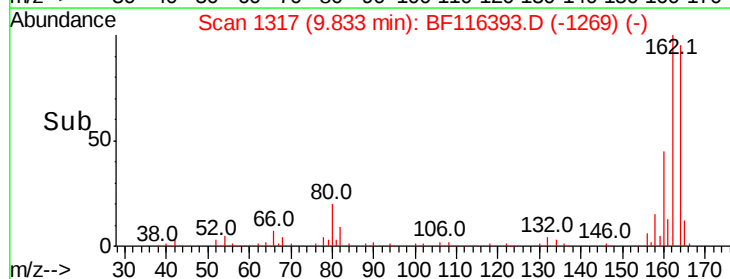
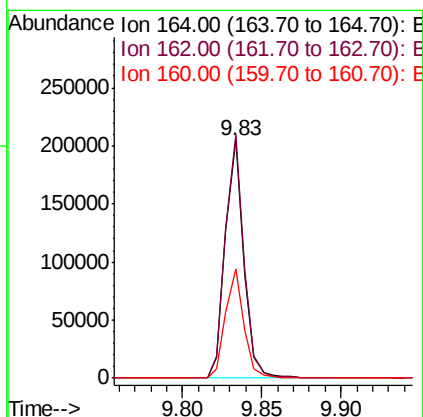
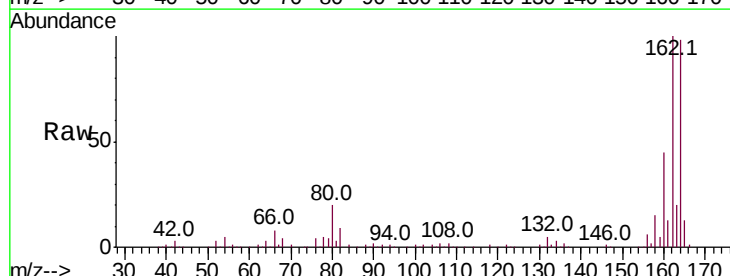
Instrument :
 BNA_F
 ClientSampleId :
 SS-18_081519

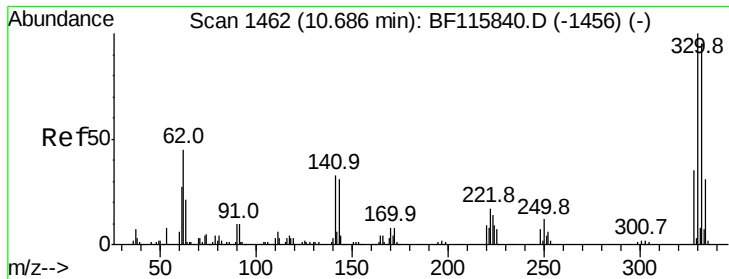
Tot Ion: 82 Resp: 378593
 Ion Ratio Lower Upper
 82 100
 128 44.0 36.5 54.7
 54 46.2 36.0 54.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.02 min
 Lab File: BF116393.D
 Acq: 19 Aug 2019 17:51

Tgt Ion: 164 Resp: 164992
 Ion Ratio Lower Upper
 164 100
 162 102.2 82.6 124.0
 160 45.9 37.6 56.4

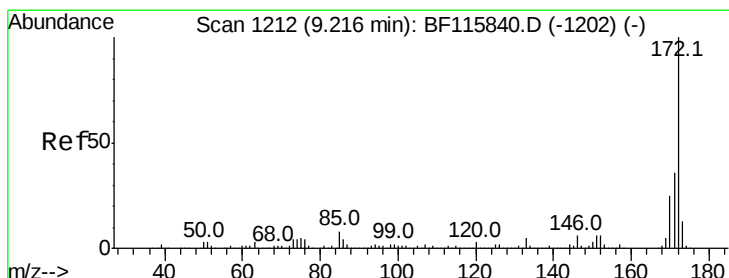
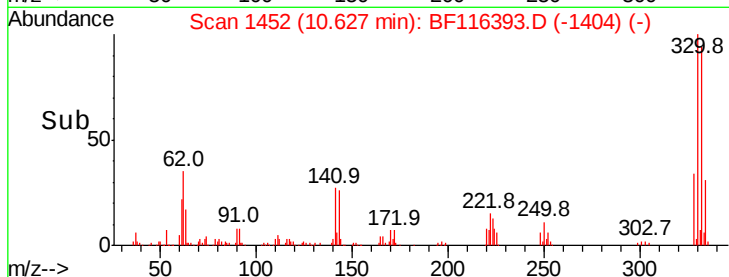
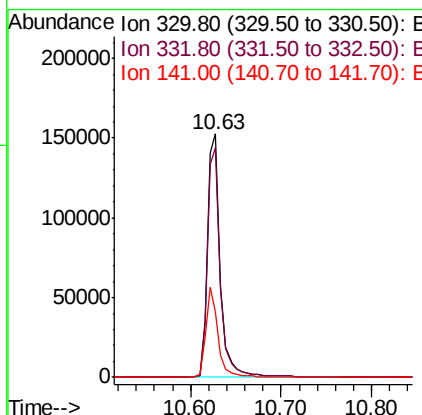
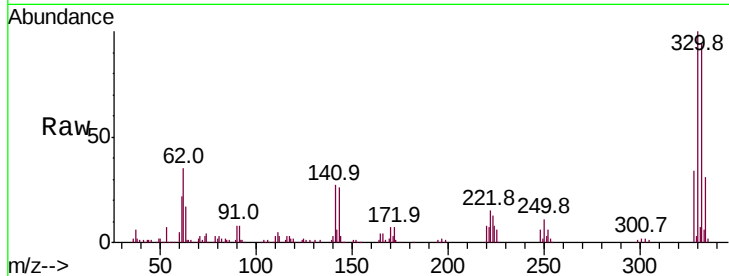




#42
 2,4,6-Tribromophenol
 Concen: 96.920 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.02 min
 Lab File: BF116393.D
 Acq: 19 Aug 2019 17:51

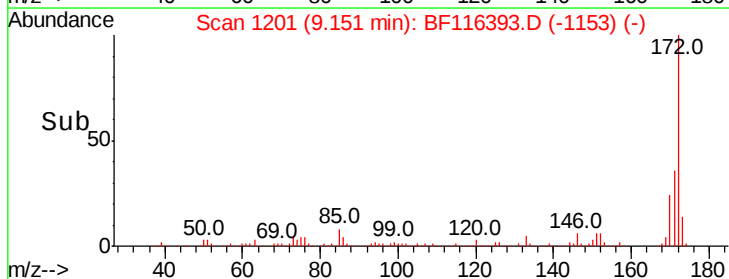
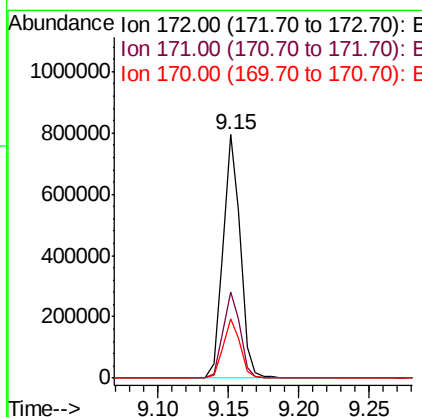
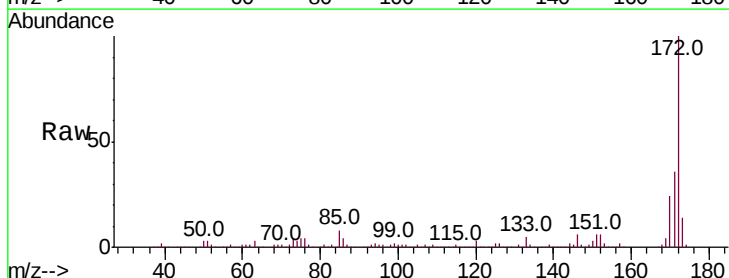
Instrument :
 BNA_F
 ClientSampleId :
 SS-18_081519

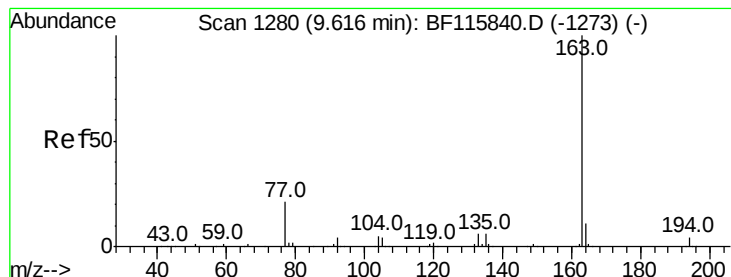
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	76.8	115.2
141	34.7	26.3	39.5



#45
 2-Fluorobiphenyl
 Concen: 76.389 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.02 min
 Lab File: BF116393.D
 Acq: 19 Aug 2019 17:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	24.4	20.1	30.1





#50

Dimethylphthalate

Concen: 4.868 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.02 min

Lab File: BF116393.D

Acq: 19 Aug 2019 17:51

Instrument :

BNA_F

ClientSampleId :

SS-18_081519

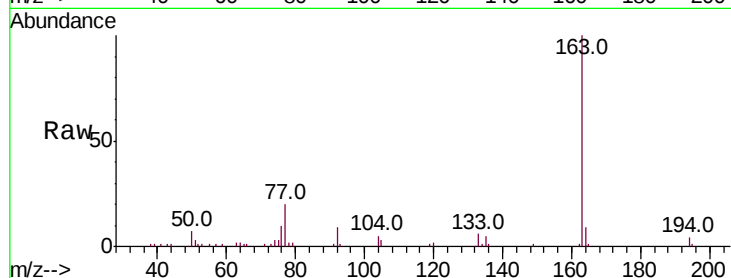
Tot Ion:163 Resp: 54690

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.6

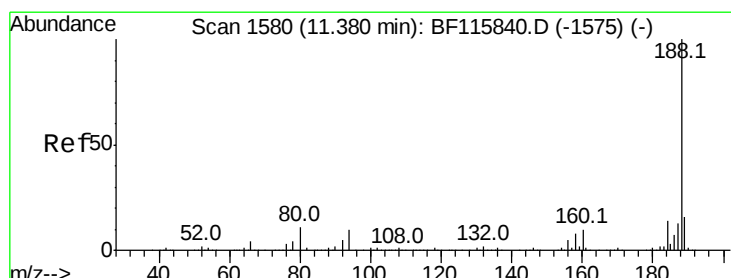
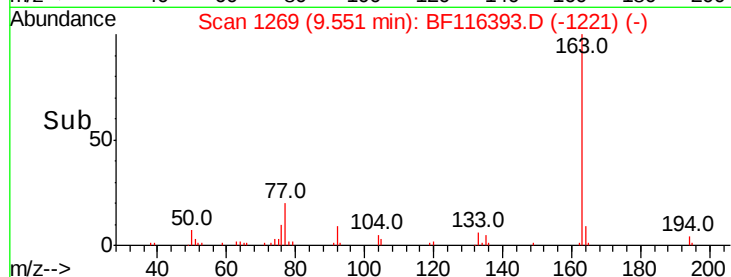
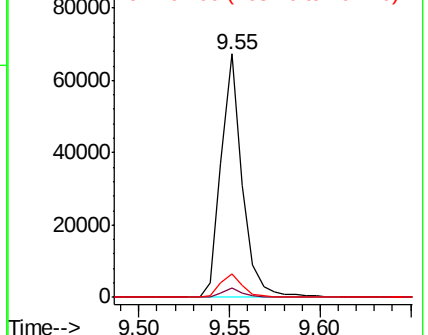
164 9.4 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.02 min

Lab File: BF116393.D

Acq: 19 Aug 2019 17:51

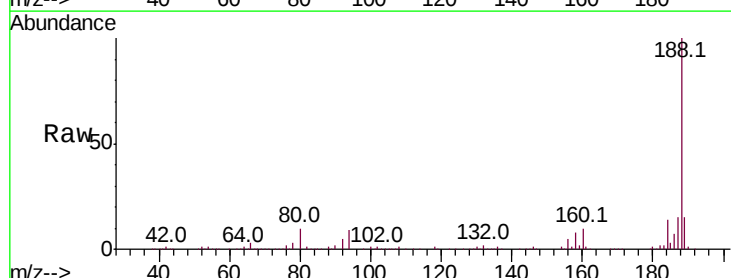
Tgt Ion:188 Resp: 314593

Ion Ratio Lower Upper

188 100

94 9.4 8.1 12.1

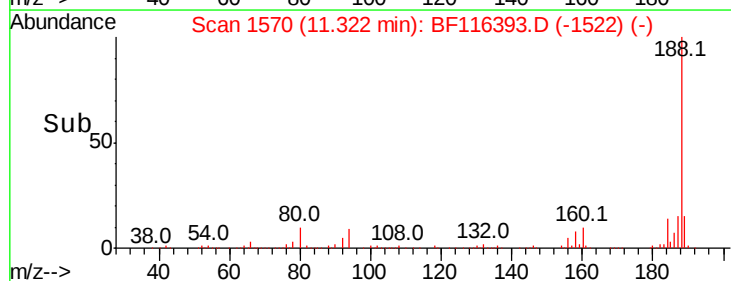
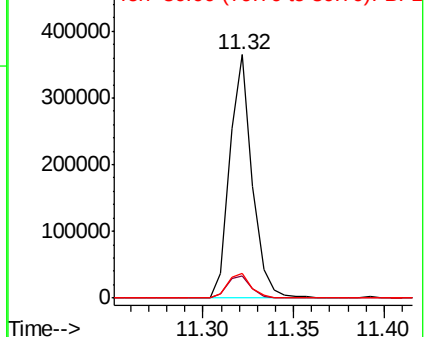
80 10.0 8.7 13.1

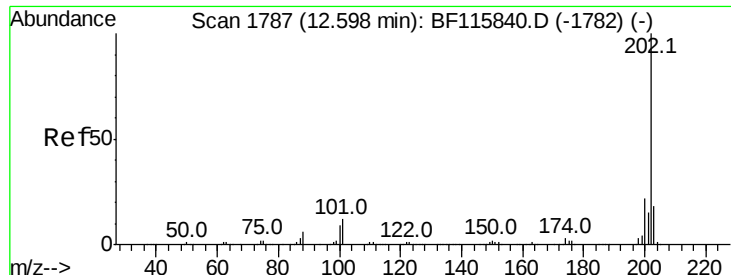


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

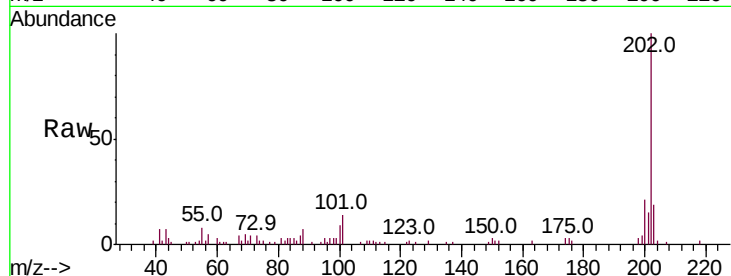




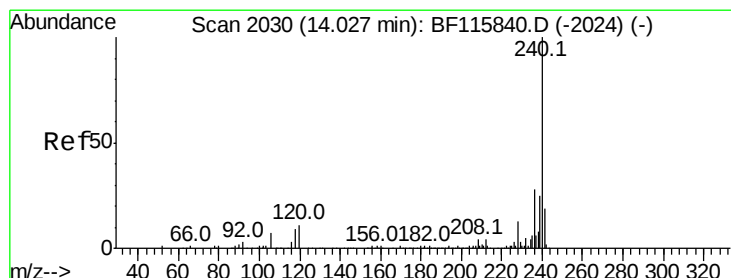
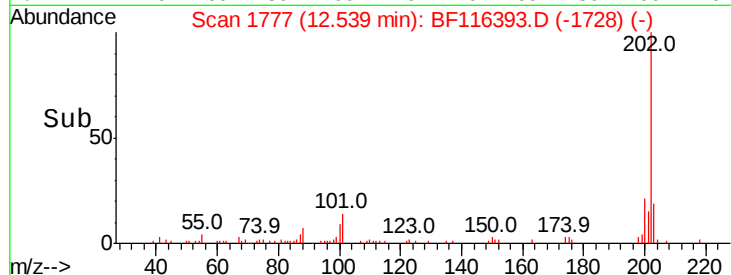
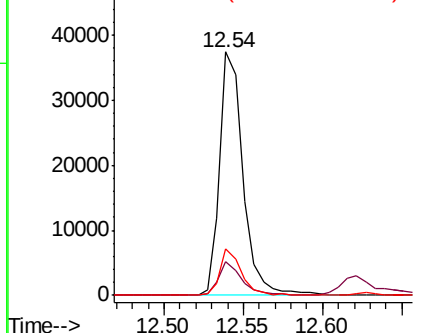
#75
 Fluoranthene
 Concen: 2.279 ng
 RT: 12.54 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BF116393.D
 Acq: 19 Aug 2019 17:51

Instrument :
 BNA_F
 ClientSampleId :
 SS-18_081519

Tot Ion:	202	Resp:	38364
Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	31.2
203	19.0	0.0	37.8

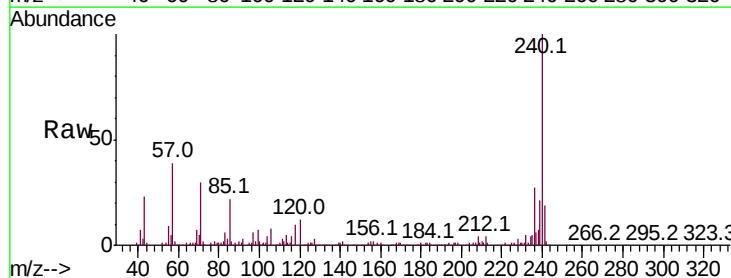


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

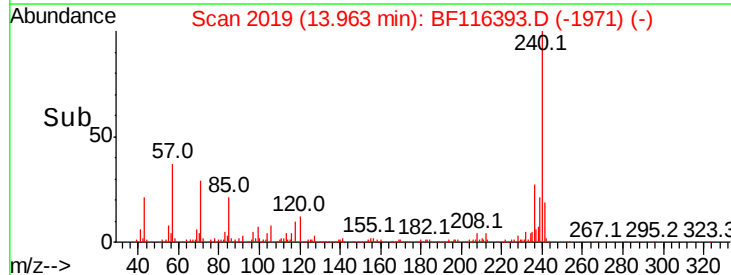
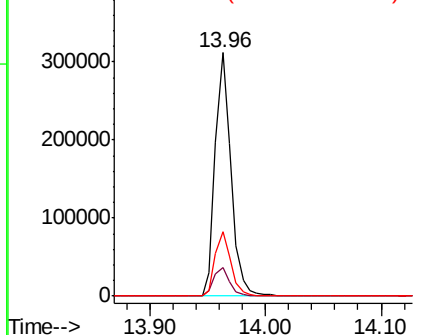


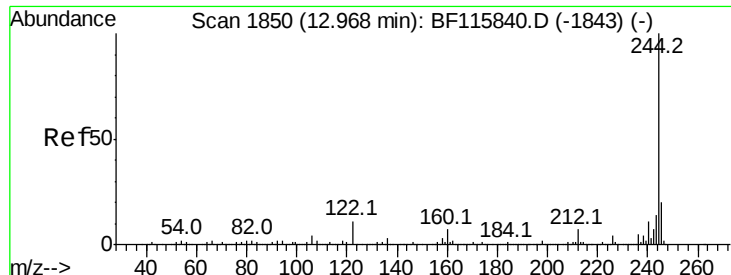
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.02 min
 Lab File: BF116393.D
 Acq: 19 Aug 2019 17:51

Tgt Ion:	240	Resp:	296036
Ion	Ratio	Lower	Upper
240	100		
120	11.6	10.7	16.1
236	26.7	22.2	33.2



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: 61.748 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BF116393.D

Acq: 19 Aug 2019 17:51

Instrument :

BNA_F

ClientSampleId :

SS-18_081519

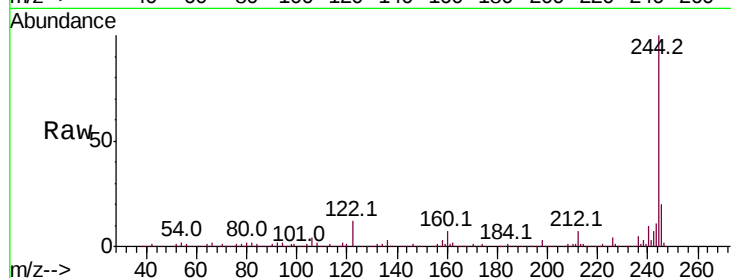
Tot Ion:244 Resp: 867496

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

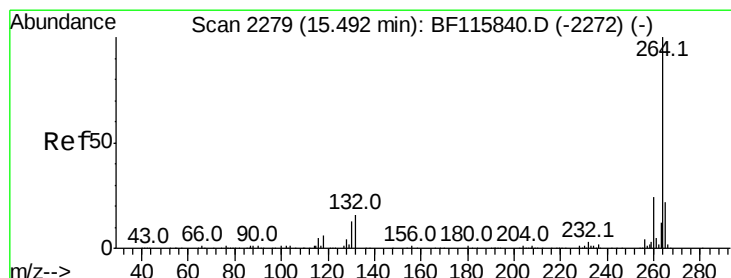
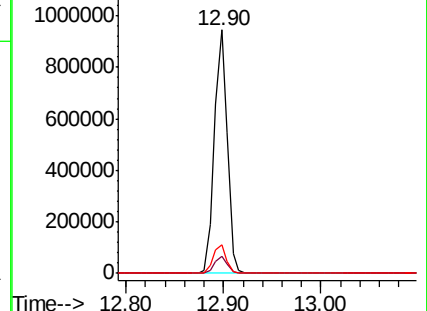
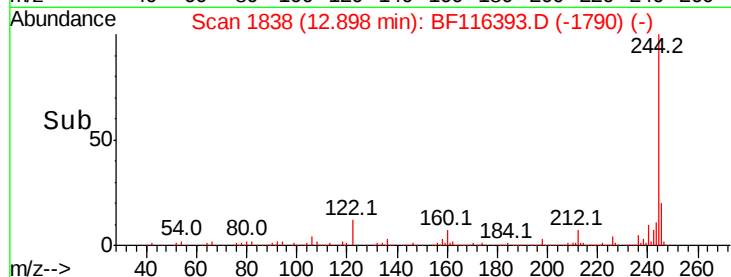
122 11.8 9.0 13.4



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: 15.42 min Scan# 2266

Delta R.T. -0.02 min

Lab File: BF116393.D

Acq: 19 Aug 2019 17:51

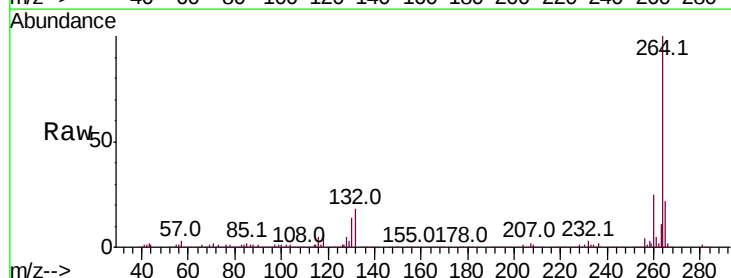
Tgt Ion:264 Resp: 348743

Ion Ratio Lower Upper

264 100

260 24.6 19.7 29.5

265 22.1 17.4 26.0



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

