

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081719\
 Data File : BF116360.D
 Acq On : 17 Aug 2019 16:32
 Operator : HP/JU
 Sample : K4391-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-CORNER-2

Quant Time: Aug 19 06:54:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

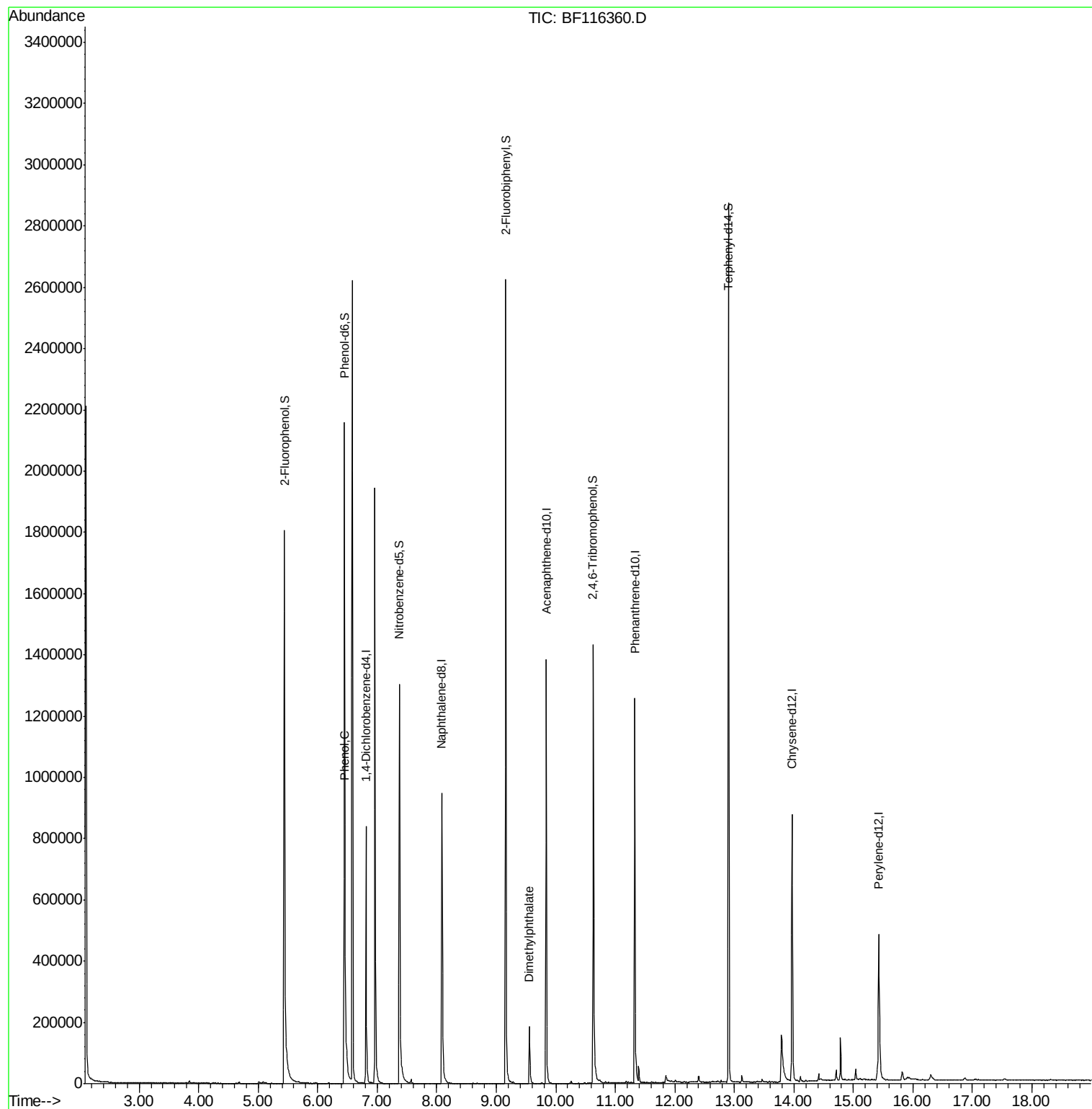
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	132920	20.00	ng	-0.04
21) Naphthalene-d8	8.09	136	522577	20.00	ng	-0.04
39) Acenaphthene-d10	9.84	164	272996	20.00	ng	-0.05
64) Phenanthrene-d10	11.33	188	467956	20.00	ng	-0.04
76) Chrysene-d12	13.97	240	326169	20.00	ng	-0.04
87) Perylene-d12	15.43	264	289793	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	686367	86.44	ng	-0.03
7) Phenol-d6	6.45	99	878922	87.74	ng	-0.04
23) Nitrobenzene-d5	7.37	82	546224	60.34	ng	-0.04
42) 2,4,6-Tribromophenol	10.63	330	211134	79.77	ng	-0.04
45) 2-Fluorobiphenyl	9.16	172	854333	58.62	ng	-0.05
79) Terphenyl-d14	12.90	244	935546	60.44	ng	-0.05
Target Compounds						
10) Phenol	6.46	94	52946	4.488	ng	87
50) Dimethylphthalate	9.56	163	89202	4.799	ng	99

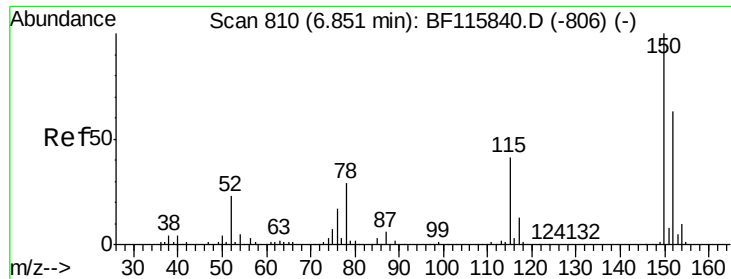
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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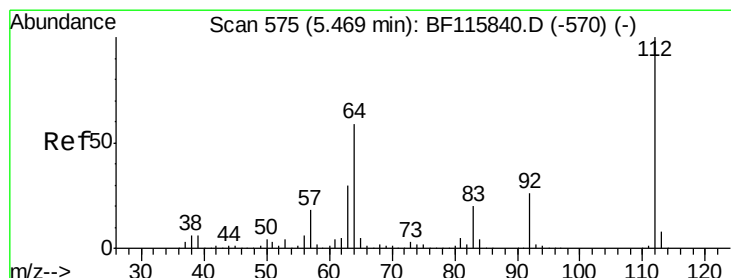
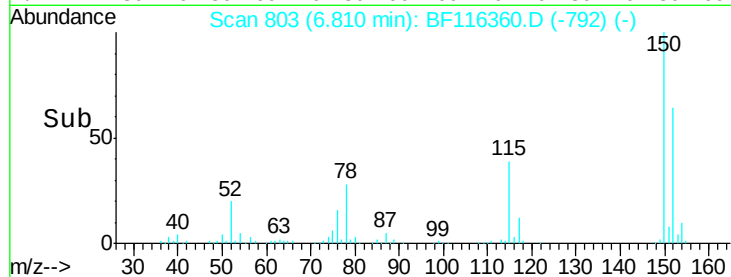
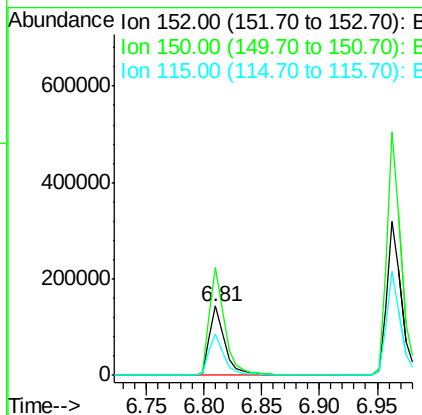
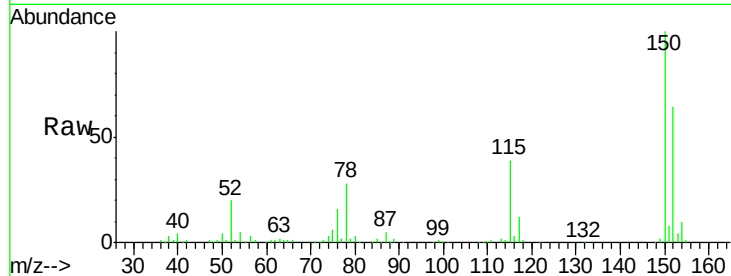


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.04 min
Lab File: BF116360.D
Acq: 17 Aug 2019 16:32

Instrument :
BNA_F
ClientSampleId :
S-CORNER-2

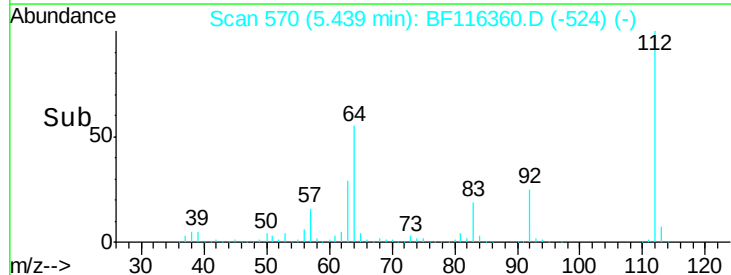
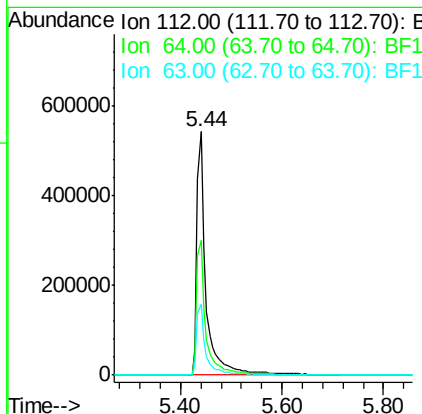
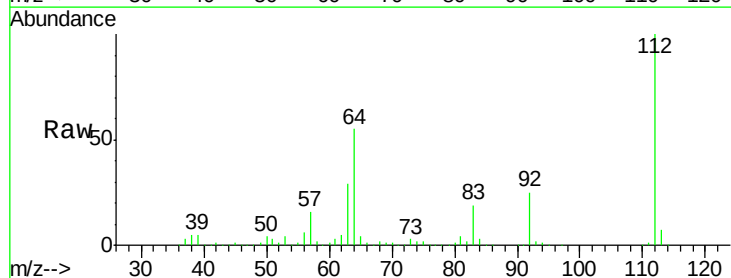
Tot Ion:152 Resp: 132920
Ion Ratio Lower Upper
152 100
150 155.5 126.2 189.2
115 60.5 49.9 74.9

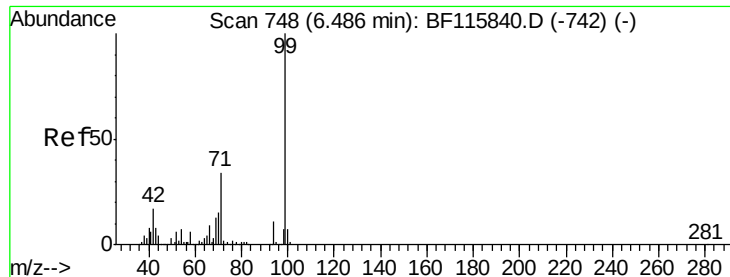


#5

2-Fluorophenol
Concen: 86.445 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.03 min
Lab File: BF116360.D
Acq: 17 Aug 2019 16:32

Tgt Ion:112 Resp: 686367
Ion Ratio Lower Upper
112 100
64 55.3 45.4 68.2
63 28.9 23.7 35.5





#7

Phenol-d6

Concen: 87.737 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.04 min

Lab File: BF116360.D

Acq: 17 Aug 2019 16:32

Instrument :

BNA_F

ClientSampleId :

S-CORNER-2

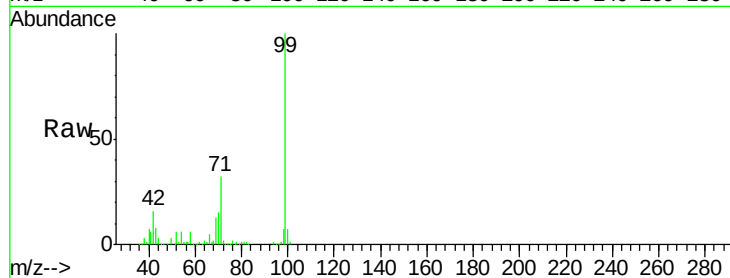
Tot Ion: 99 Resp: 878922

Ion Ratio Lower Upper

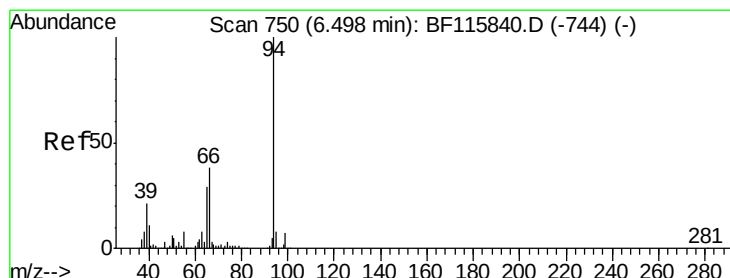
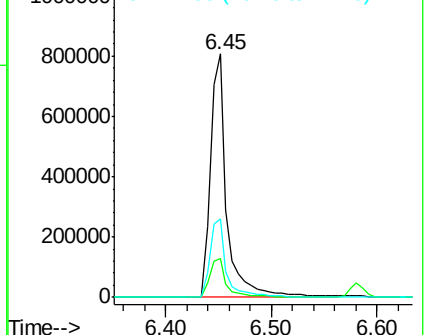
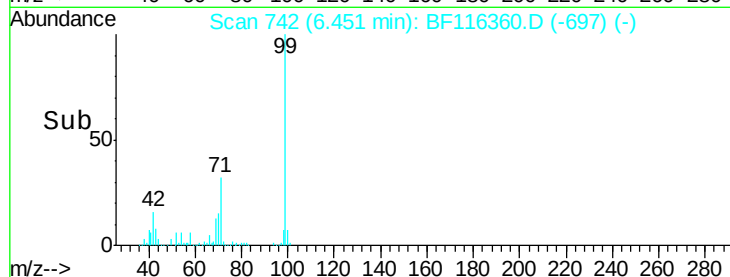
99 100

42 16.0 13.8 20.8

71 32.3 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



#10

Phenol

Concen: 4.488 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.04 min

Lab File: BF116360.D

Acq: 17 Aug 2019 16:32

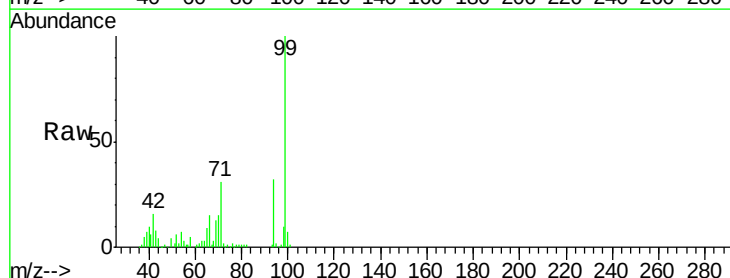
Tgt Ion: 94 Resp: 52946

Ion Ratio Lower Upper

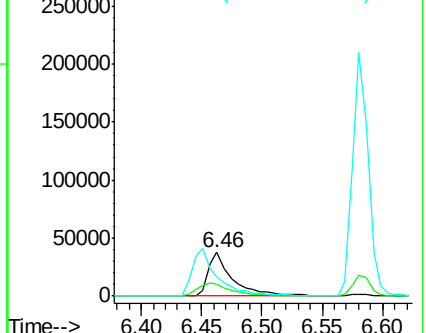
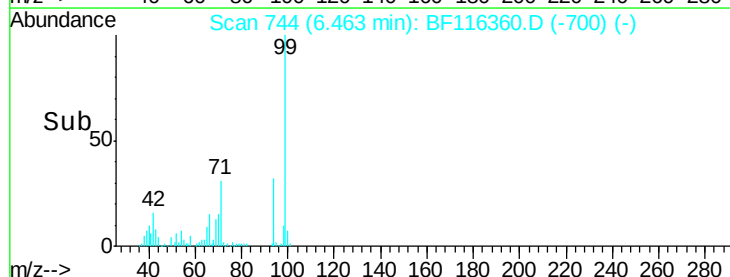
94 100

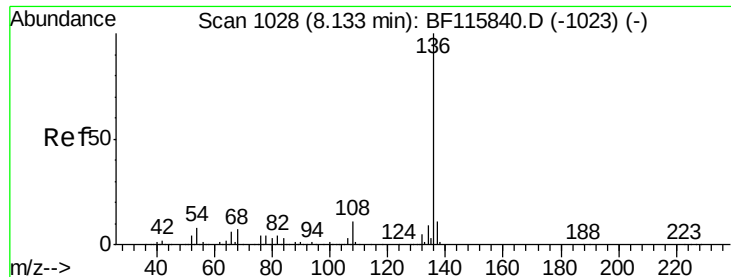
65 28.1 16.8 56.8

66 46.0 34.2 74.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

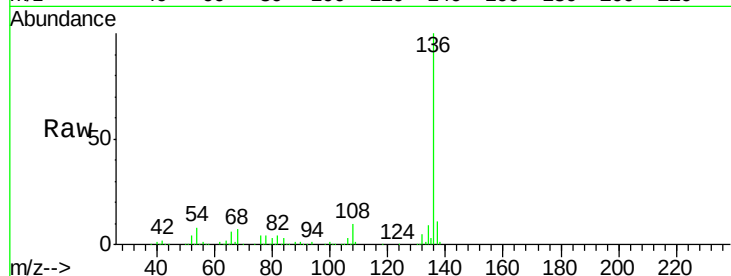




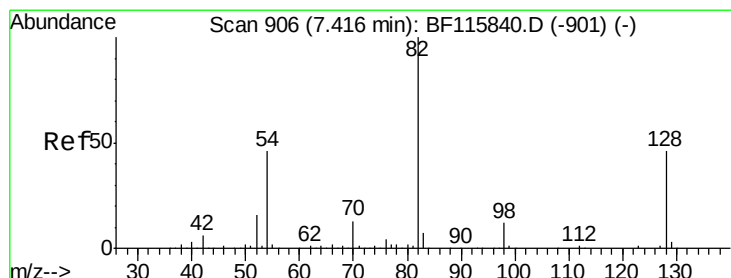
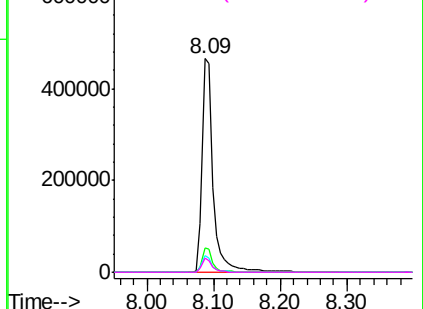
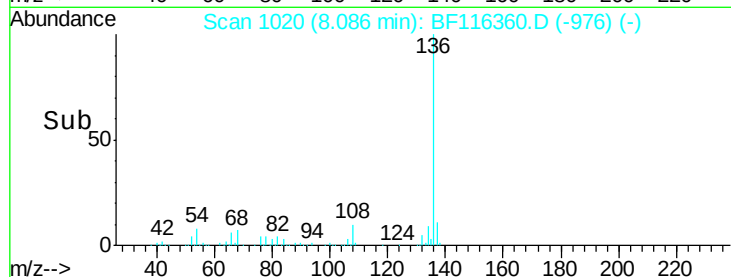
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.04 min
Lab File: BF116360.D
Acq: 17 Aug 2019 16:32

Instrument :
BNA_F
ClientSampleId :
S-CORNER-2

Tot Ion:136	Resp:	522577
Ion Ratio	Lower	Upper
136 100		
137 11.2	9.0	13.4
54 7.9	5.8	8.6
68 6.9	5.2	7.8

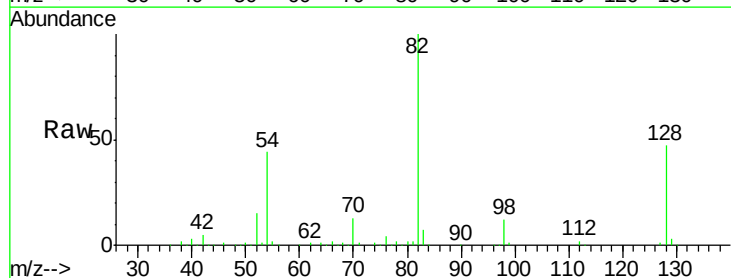


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

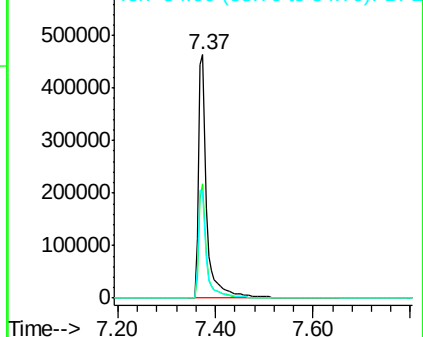
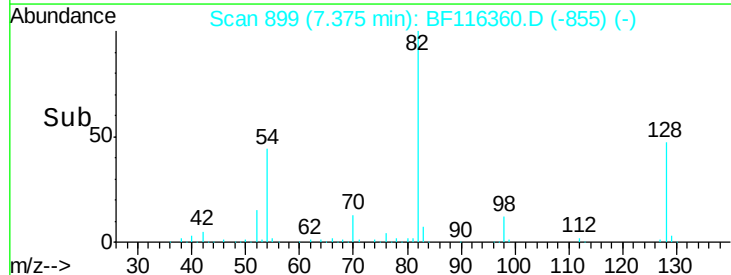


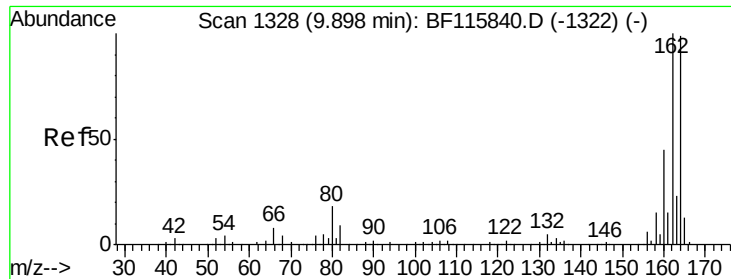
#23
Nitrobenzene-d5
Concen: 60.335 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.04 min
Lab File: BF116360.D
Acq: 17 Aug 2019 16:32

Tgt Ion: 82	Resp: 546224
Ion Ratio	Lower Upper
82 100	
128 46.8	36.5 54.7
54 43.9	36.0 54.0



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.05 min

Lab File: BF116360.D

Acq: 17 Aug 2019 16:32

Instrument :

BNA_F

ClientSampleId :

S-CORNER-2

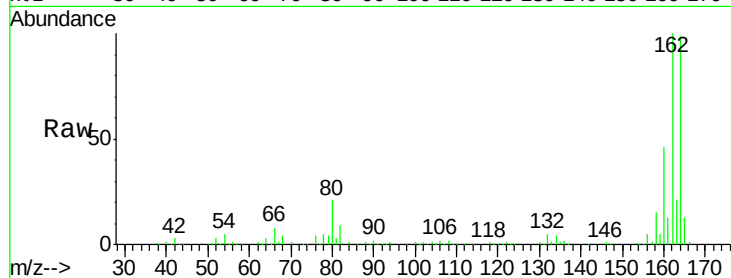
Tot Ion:164 Resp: 272996

Ion Ratio Lower Upper

164 100

162 100.6 82.6 124.0

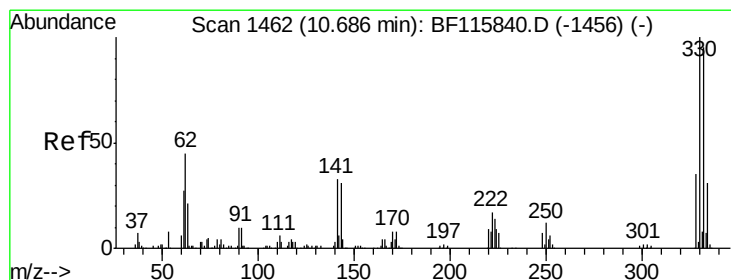
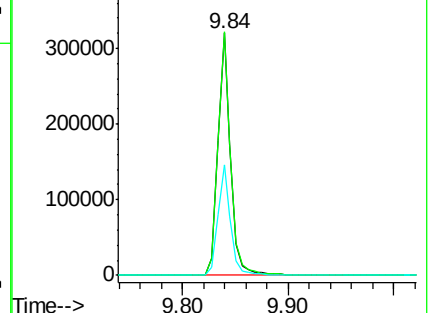
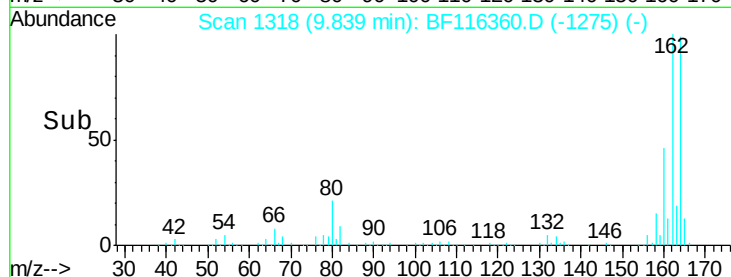
160 45.9 37.6 56.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 79.770 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.04 min

Lab File: BF116360.D

Acq: 17 Aug 2019 16:32

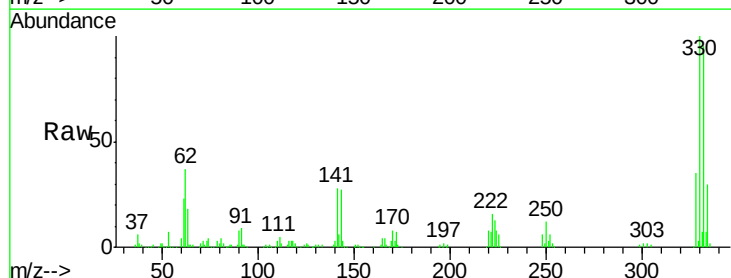
Tgt Ion:330 Resp: 211134

Ion Ratio Lower Upper

330 100

332 95.6 76.8 115.2

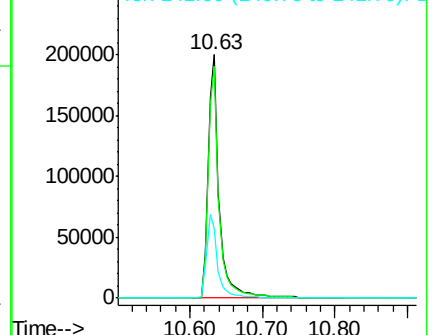
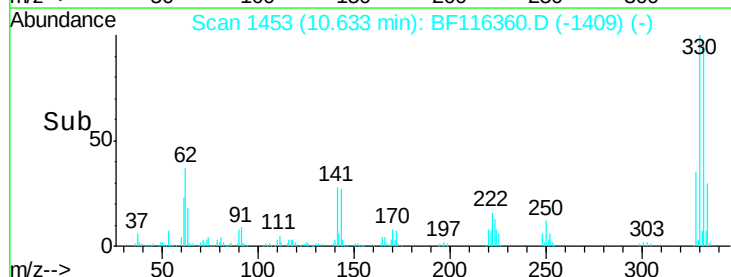
141 34.4 26.3 39.5

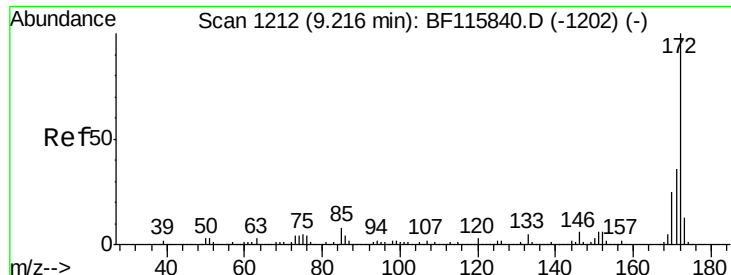


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

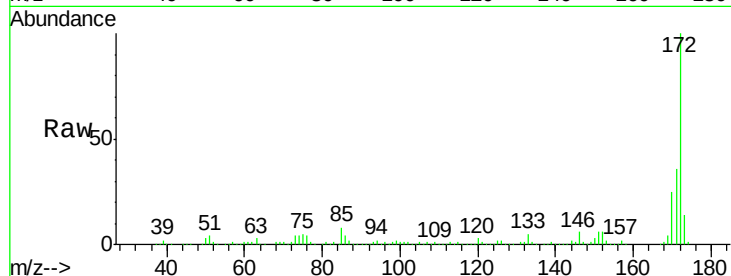




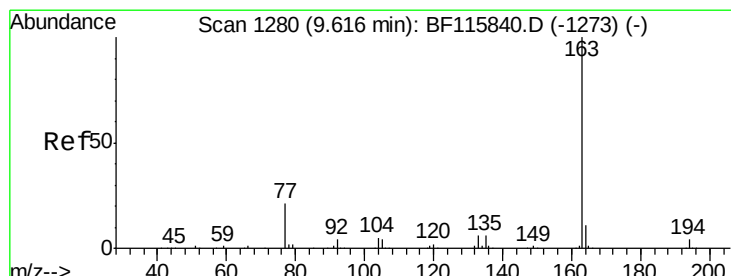
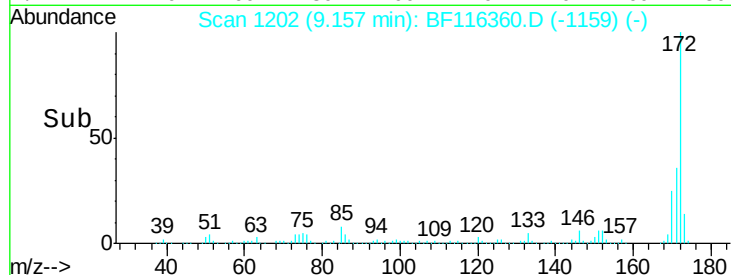
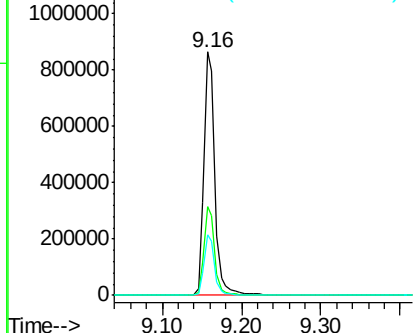
#45
2-Fluorobiphenyl
Concen: 58.617 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.05 min
Lab File: BF116360.D
Acq: 17 Aug 2019 16:32

Instrument :
BNA_F
ClientSampleId :
S-CORNER-2

Tot Ion:172 Resp: 854333
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 25.0 20.1 30.1

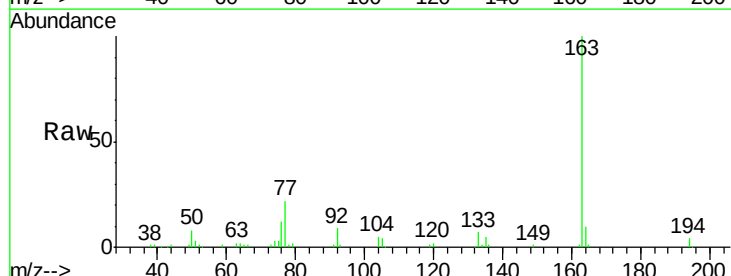


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

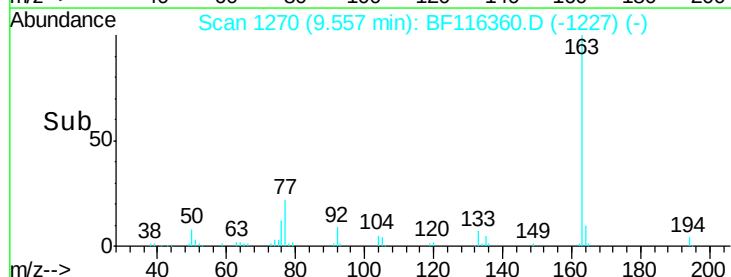
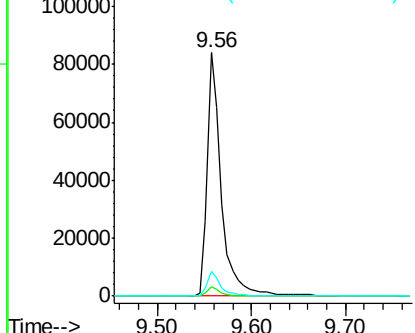


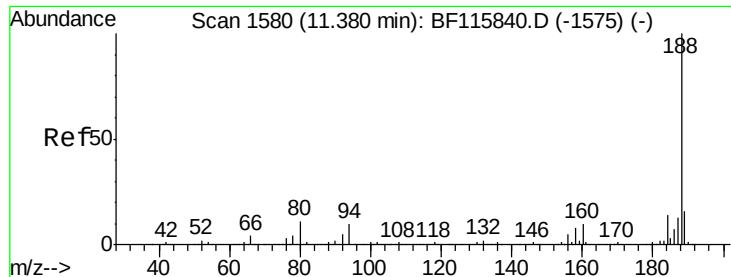
#50
Dimethylphthalate
Concen: 4.799 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.05 min
Lab File: BF116360.D
Acq: 17 Aug 2019 16:32

Tgt Ion:163 Resp: 89202
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.6
164 10.1 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

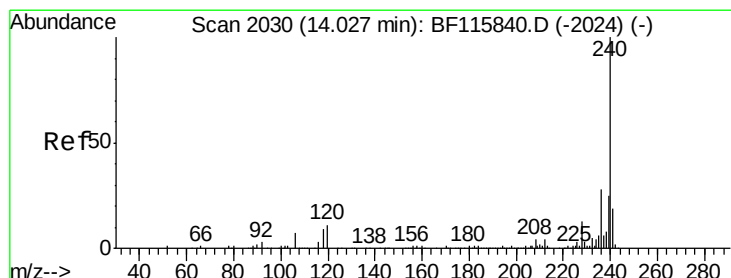
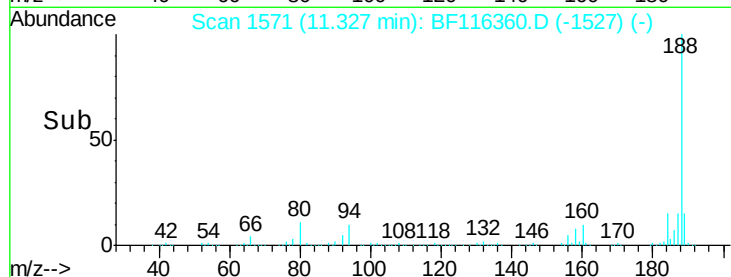
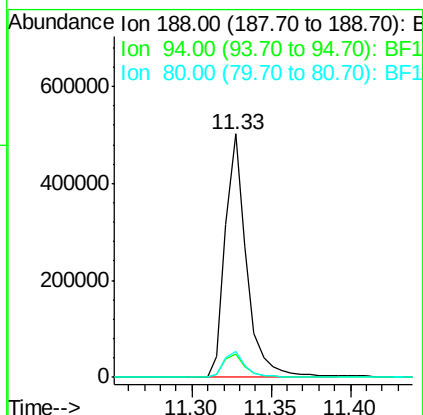
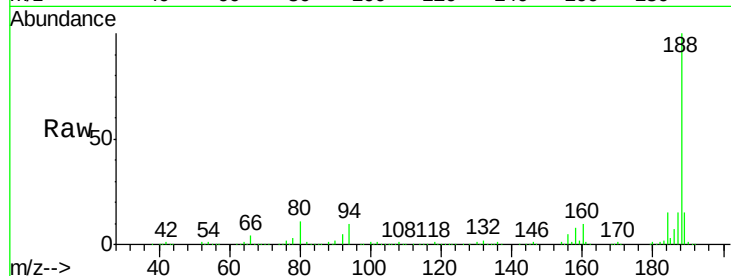




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.04 min
Lab File: BF116360.D
Acq: 17 Aug 2019 16:32

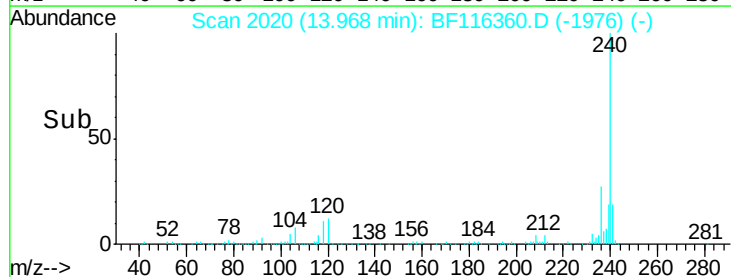
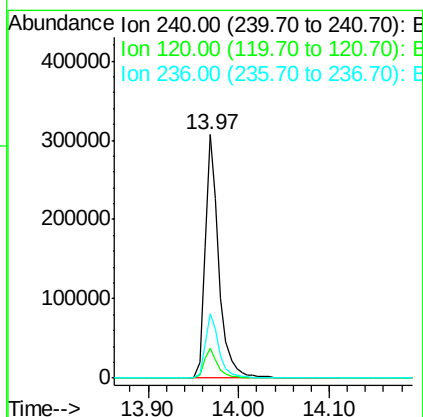
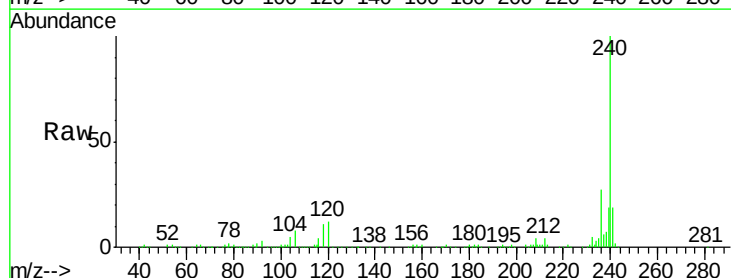
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BNA_F
ClientSampleId :
S-CORNER-2

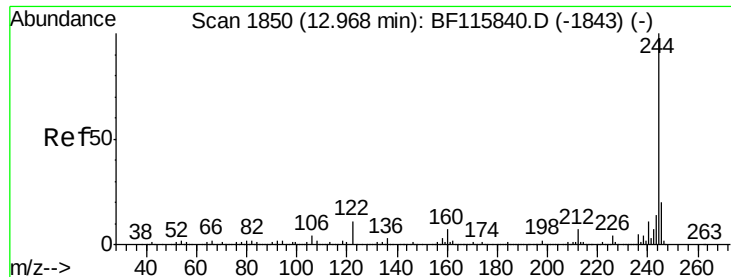
Tot Ion:188 Resp: 467956
Ion Ratio Lower Upper
188 100
94 9.7 8.1 12.1
80 10.7 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.04 min
Lab File: BF116360.D
Acq: 17 Aug 2019 16:32

Tgt Ion:240 Resp: 326169
Ion Ratio Lower Upper
240 100
120 12.2 10.7 16.1
236 26.6 22.2 33.2





#79

Terphenyl-d14

Concen: 60.440 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.05 min

Lab File: BF116360.D

Acq: 17 Aug 2019 16:32

Instrument :

BNA_F

ClientSampleId :

S-CORNER-2

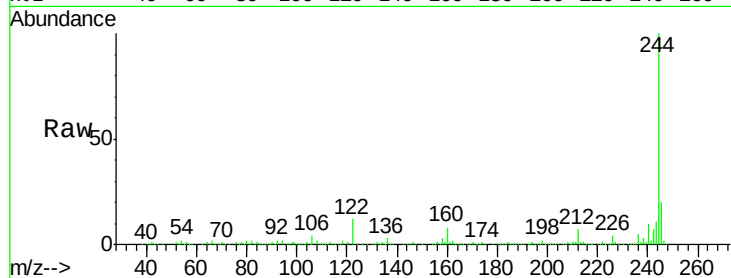
Tot Ion:244 Resp: 935546

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

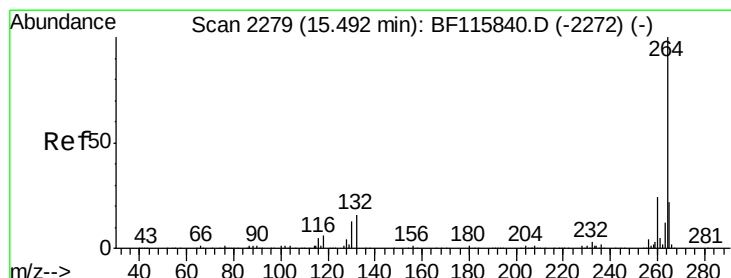
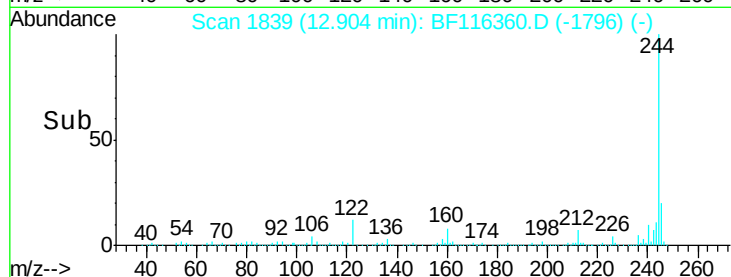
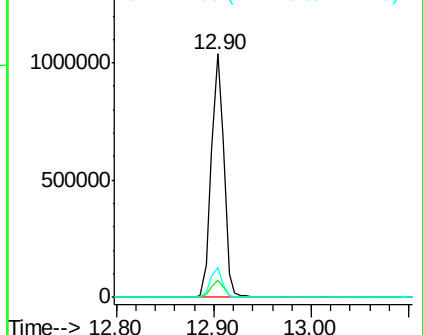
122 12.4 9.0 13.4



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: 15.43 min Scan# 2268

Delta R.T. -0.05 min

Lab File: BF116360.D

Acq: 17 Aug 2019 16:32

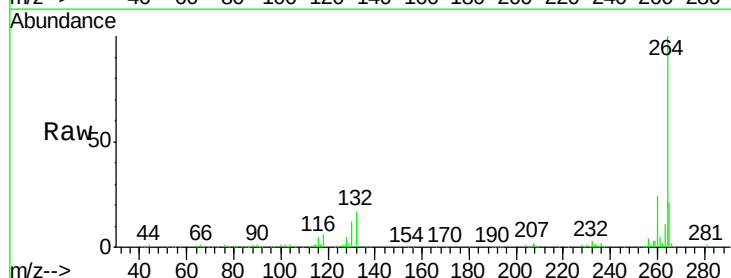
Tgt Ion:264 Resp: 289793

Ion Ratio Lower Upper

264 100

260 24.0 19.7 29.5

265 21.2 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

