

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081719\
 Data File : BF116361.D
 Acq On : 17 Aug 2019 16:59
 Operator : HP/JU
 Sample : K4391-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-CORNER-1

Quant Time: Aug 19 06:55:55 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

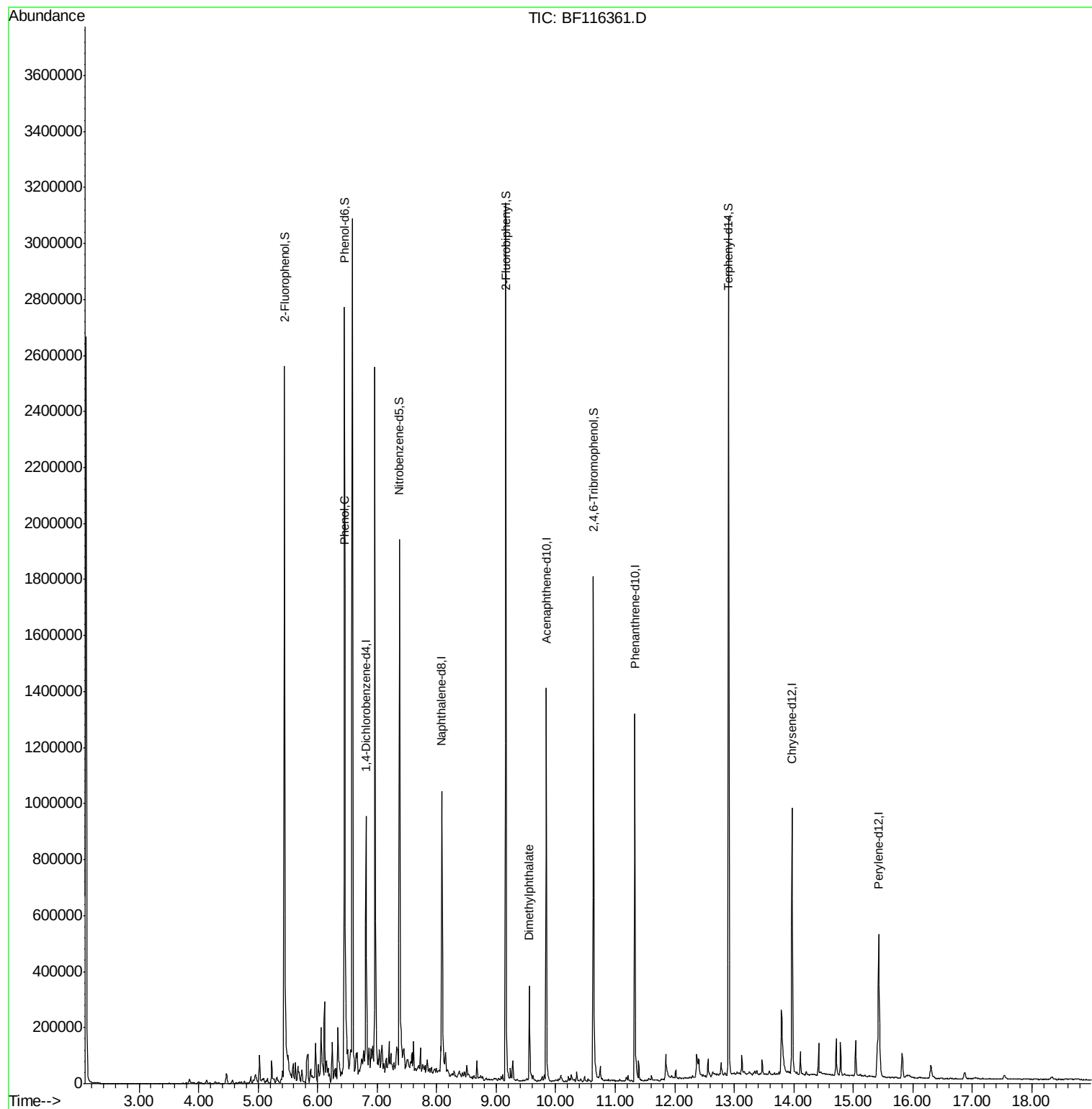
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	133915	20.00	ng	-0.04
21) Naphthalene-d8	8.09	136	521775	20.00	ng	-0.04
39) Acenaphthene-d10	9.84	164	273536	20.00	ng	-0.05
64) Phenanthrene-d10	11.33	188	464687	20.00	ng	-0.04
76) Chrysene-d12	13.97	240	320083	20.00	ng	-0.04
87) Perylene-d12	15.42	264	292228	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	857879	107.24	ng	-0.03
7) Phenol-d6	6.45	99	1079287	106.94	ng	-0.04
23) Nitrobenzene-d5	7.37	82	690137	76.35	ng	-0.04
42) 2,4,6-Tribromophenol	10.63	330	263582	99.39	ng	-0.04
45) 2-Fluorobiphenyl	9.16	172	1047968	71.76	ng	-0.04
79) Terphenyl-d14	12.90	244	1040048	68.47	ng	-0.05
Target Compounds						
10) Phenol	6.46	94	57177	4.811	ng	89
50) Dimethylphthalate	9.56	163	136786	7.344	ng	99

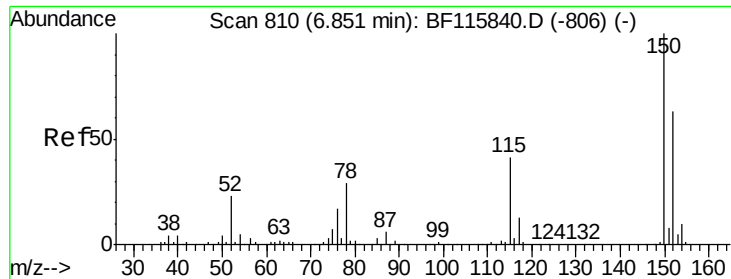
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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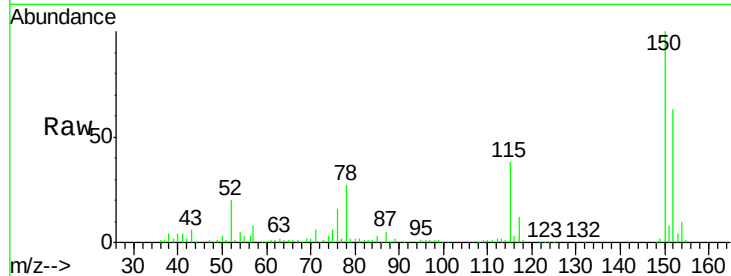


#1

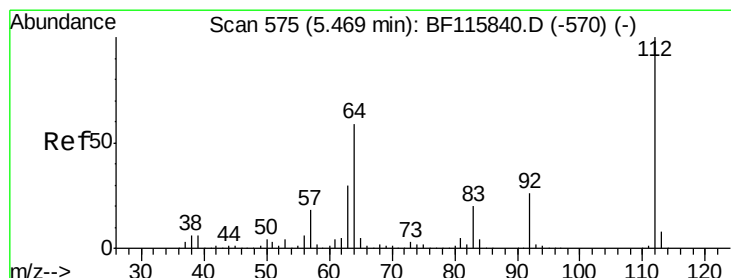
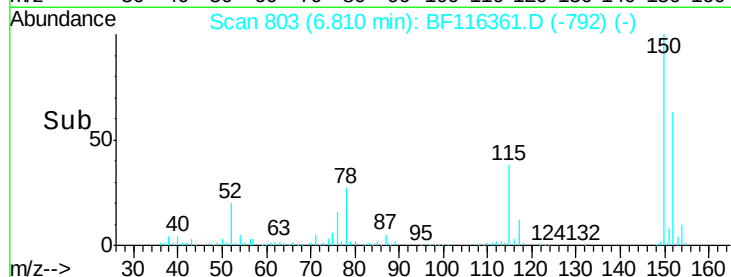
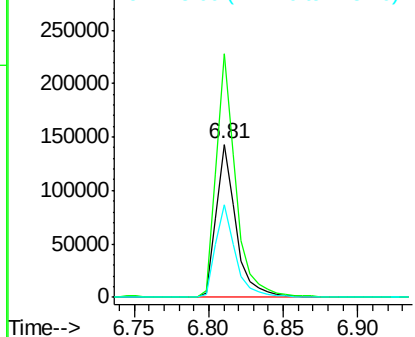
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.04 min
Lab File: BF116361.D
Acq: 17 Aug 2019 16:59

Instrument :
BNA_F
ClientSampleId :
S-CORNER-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	126.2	189.2
115	60.5	49.9	74.9



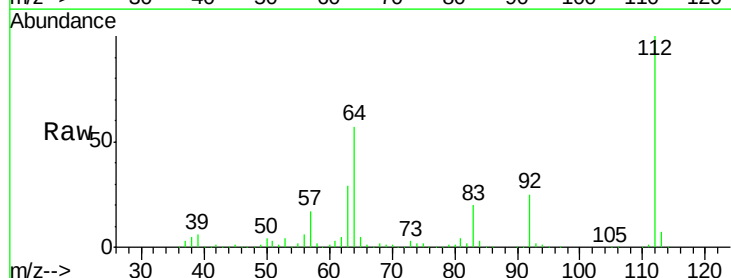
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



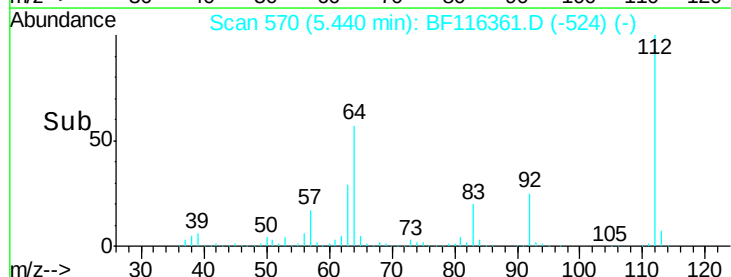
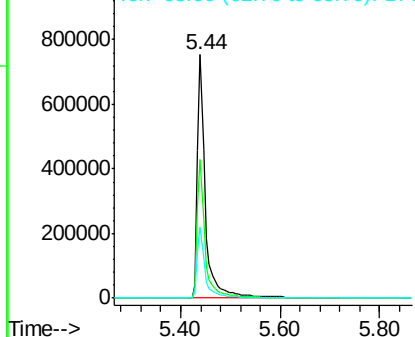
#5

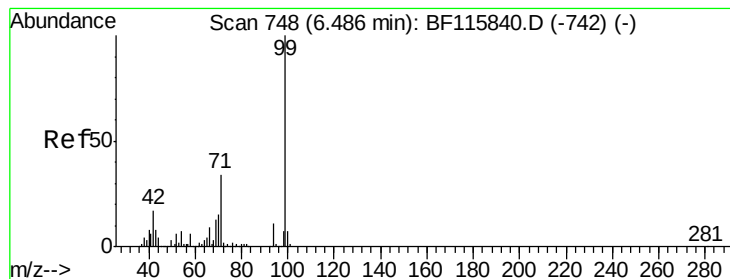
2-Fluorophenol
Concen: 107.243 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.03 min
Lab File: BF116361.D
Acq: 17 Aug 2019 16:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.2	45.4	68.2
63	29.2	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: 106.938 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.04 min

Lab File: BF116361.D

Acq: 17 Aug 2019 16:59

Instrument :

BNA_F

ClientSampleId :

S-CORNER-1

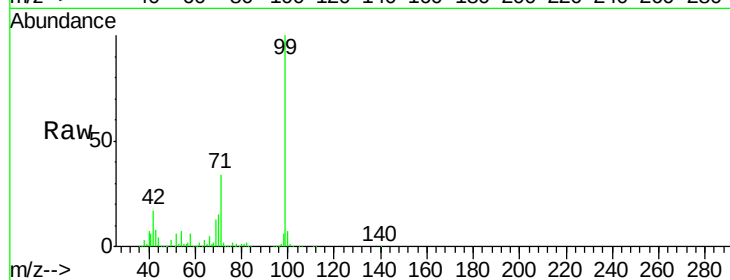
Tot Ion: 99 Resp: 1079287

Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.8	20.8
71	34.3	27.3	40.9

99 100

42 16.9 13.8 20.8

71 34.3 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

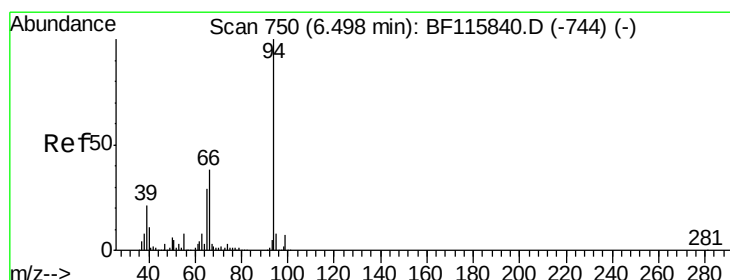
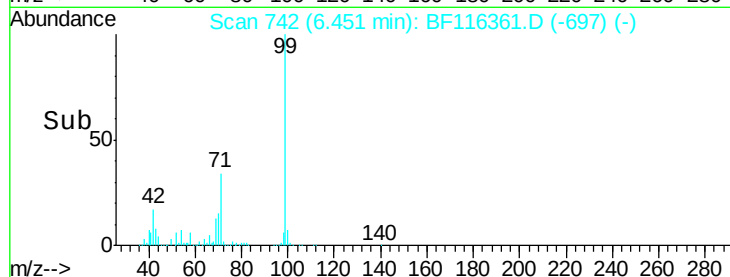
1000000

500000

0

6.45

Time-->



#10

Phenol

Concen: 4.811 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.04 min

Lab File: BF116361.D

Acq: 17 Aug 2019 16:59

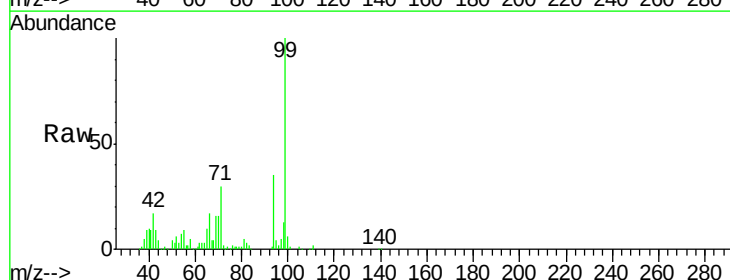
Tgt Ion: 94 Resp: 57177

Ion	Ratio	Lower	Upper
94	100		
65	29.6	16.8	56.8
66	47.4	34.2	74.2

94 100

65 29.6 16.8 56.8

66 47.4 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

300000

250000

200000

150000

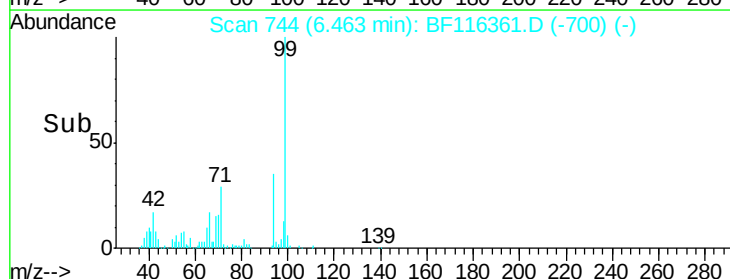
100000

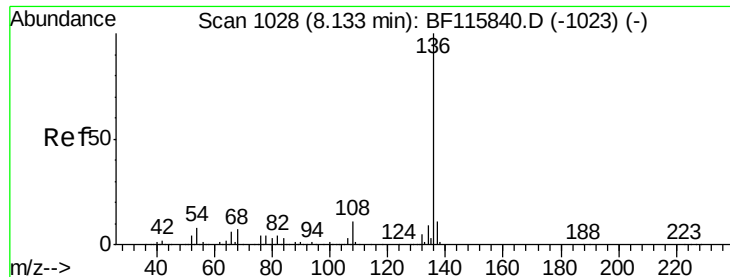
50000

0

6.46

Time-->

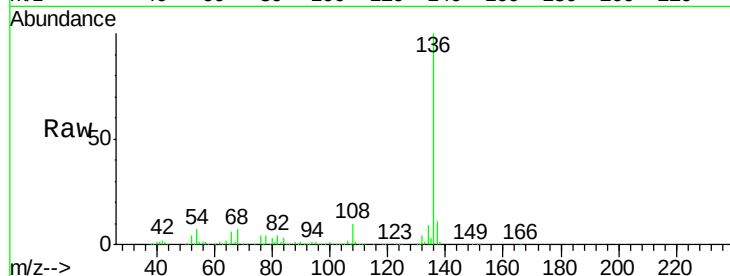




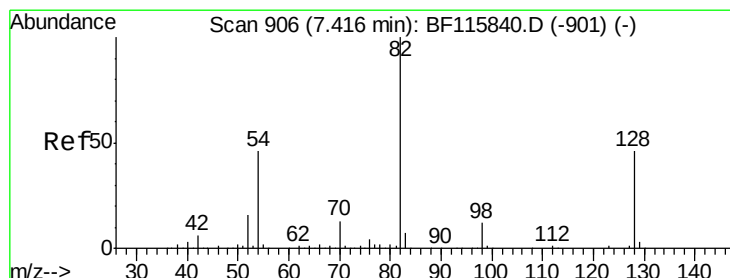
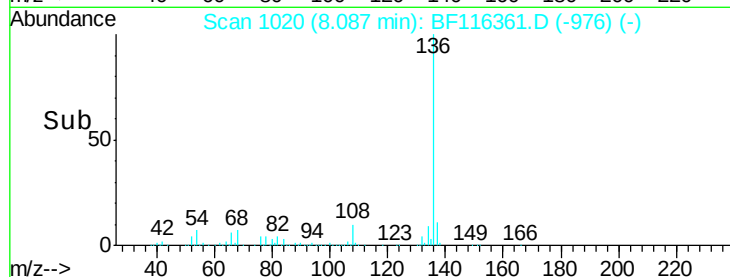
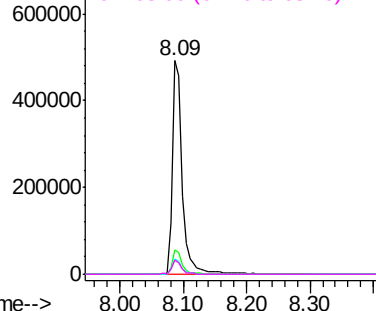
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.04 min
Lab File: BF116361.D
Acq: 17 Aug 2019 16:59

Instrument :
BNA_F
ClientSampleId :
S-CORNER-1

Tot Ion:136	Resp:	521775
Ion	Ratio	Lower Upper
136	100	
137	11.1	9.0 13.4
54	7.4	5.8 8.6
68	6.6	5.2 7.8

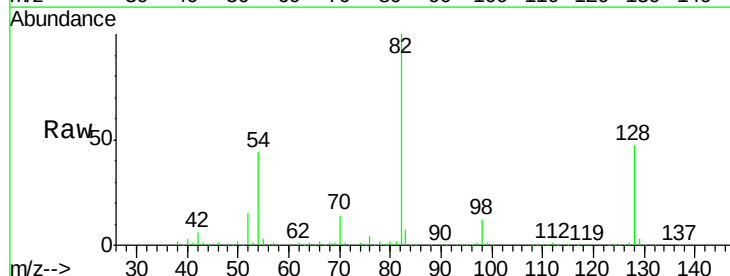


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

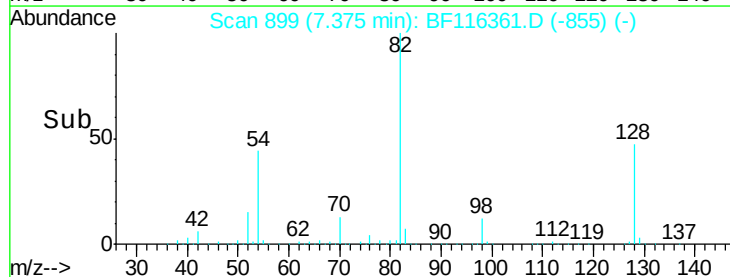
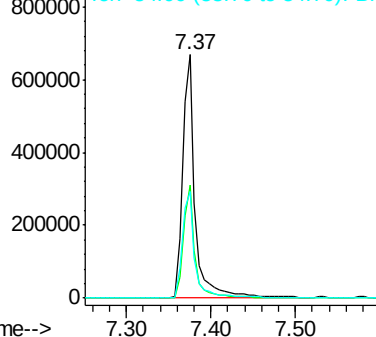


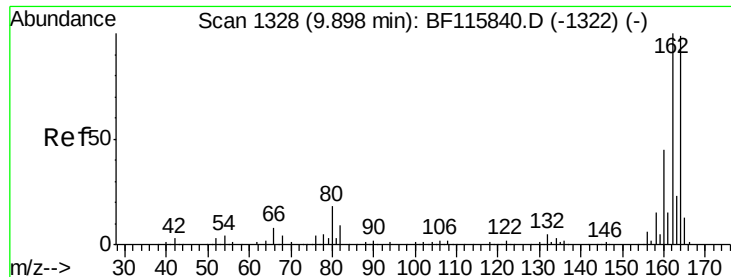
#23
Nitrobenzene-d5
Concen: 76.349 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.04 min
Lab File: BF116361.D
Acq: 17 Aug 2019 16:59

Tgt Ion: 82	Resp:	690137
Ion	Ratio	Lower Upper
82	100	
128	46.7	36.5 54.7
54	43.8	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: BF116361.D

Acq: 17 Aug 2019 16:59

Instrument :

BNA_F

ClientSampleId :

S-CORNER-1

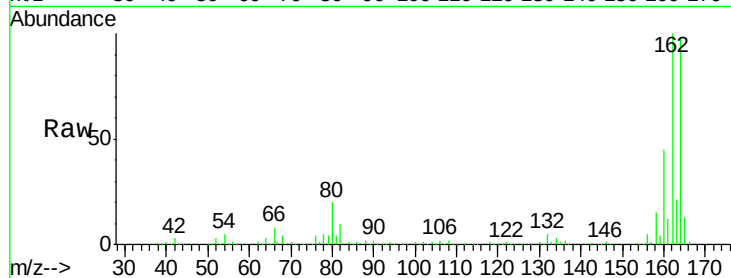
Tot Ion:164 Resp: 273536

Ion Ratio Lower Upper

164 100

162 102.0 82.6 124.0

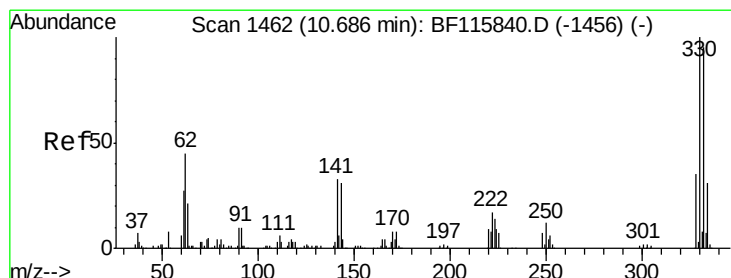
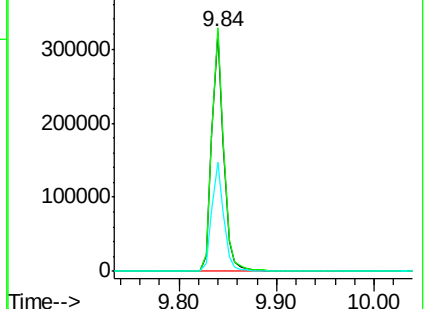
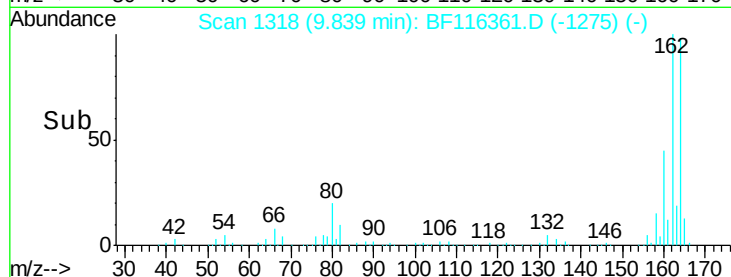
160 45.9 37.6 56.4



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: 99.390 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.04 min

Lab File: BF116361.D

Acq: 17 Aug 2019 16:59

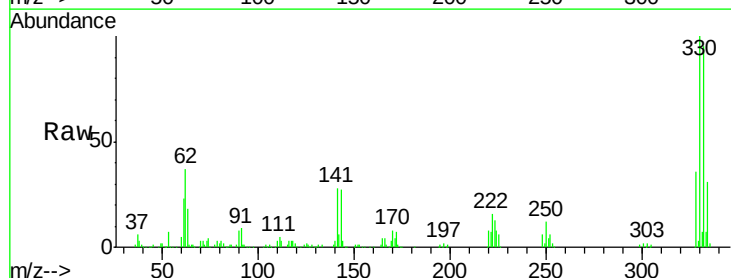
Tgt Ion:330 Resp: 263582

Ion Ratio Lower Upper

330 100

332 95.6 76.8 115.2

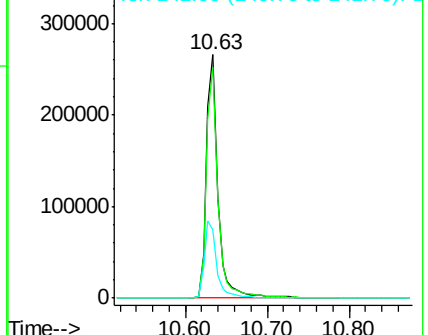
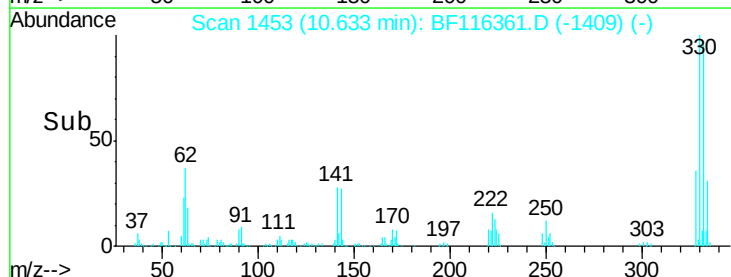
141 34.3 26.3 39.5

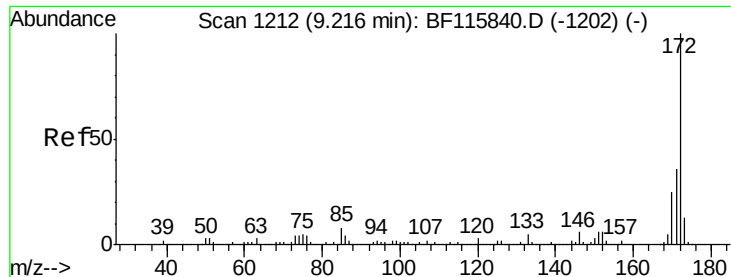


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



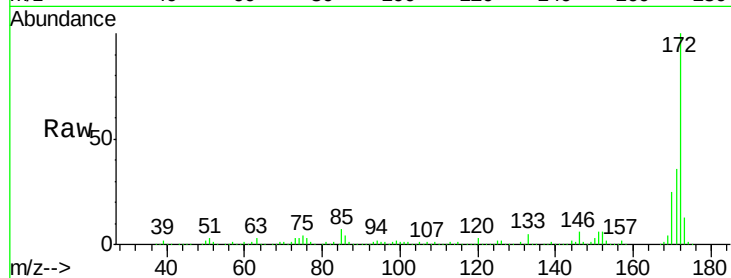


#45
2-Fluorobiphenyl
Concen: 71.761 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.04 min
Lab File: BF116361.D
Acq: 17 Aug 2019 16:59

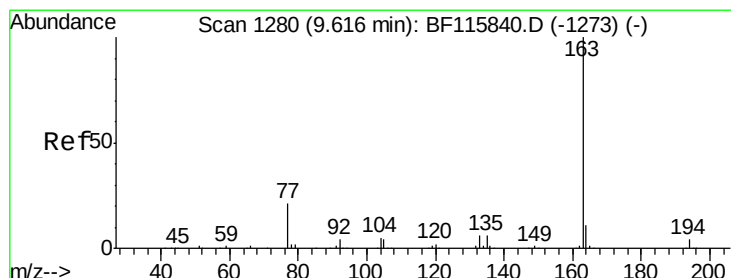
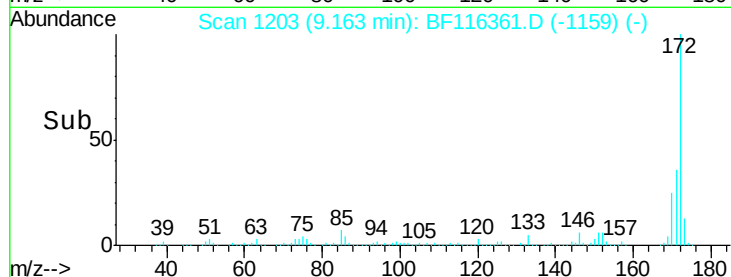
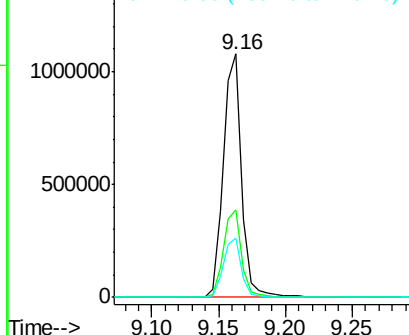
Instrument :
BNA_F
ClientSampleId :
S-CORNER-1

Tot Ion:172 Resp: 1047968

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	24.5	20.1	30.1



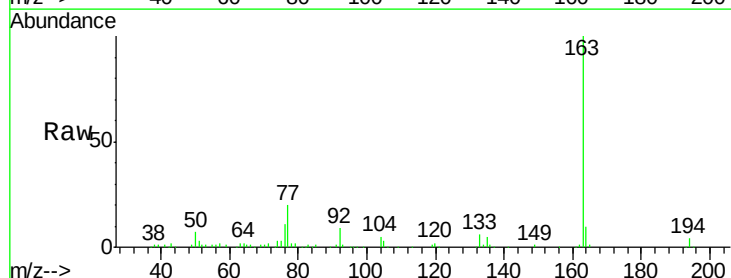
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



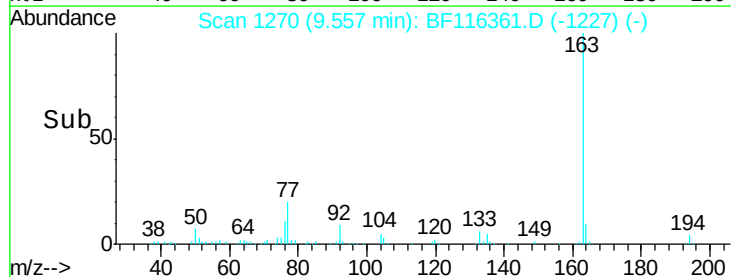
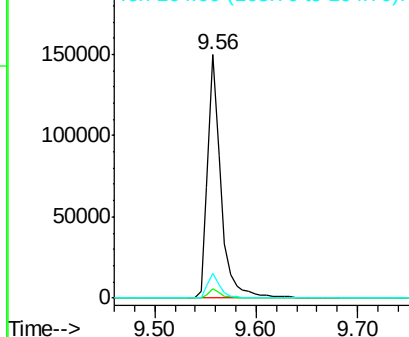
#50
Dimethylphthalate
Concen: 7.344 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.05 min
Lab File: BF116361.D
Acq: 17 Aug 2019 16:59

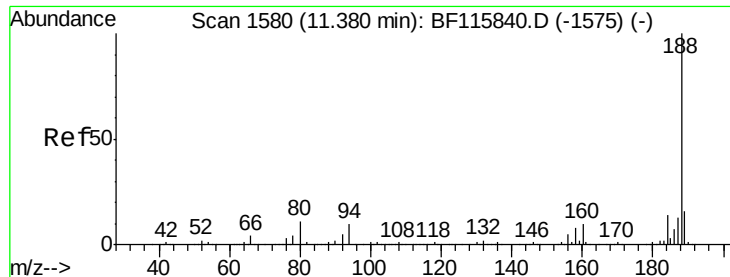
Tgt Ion:163 Resp: 136786

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	10.2	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

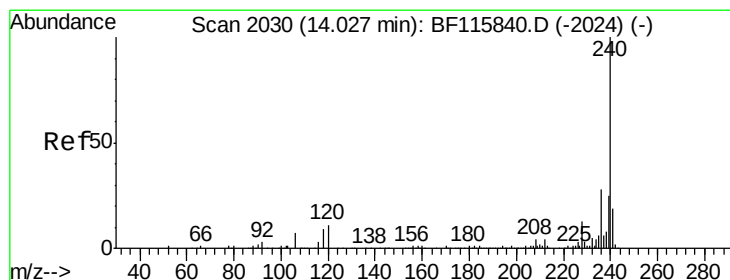
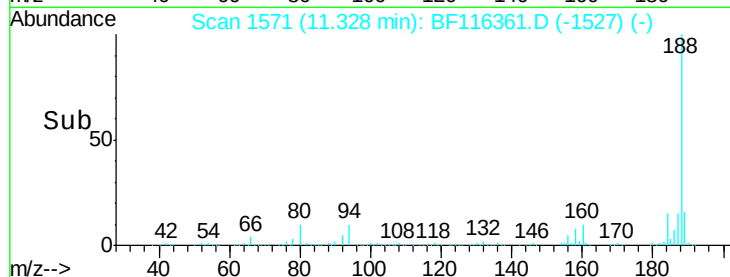
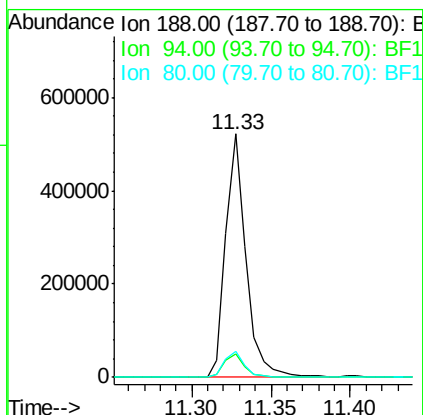
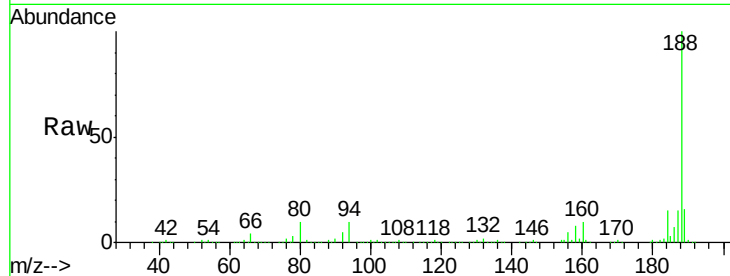




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.04 min
Lab File: BF116361.D
Acq: 17 Aug 2019 16:59

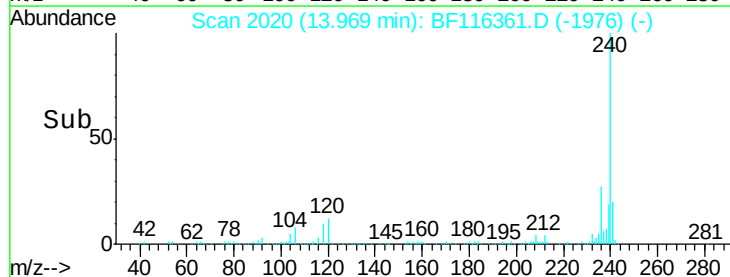
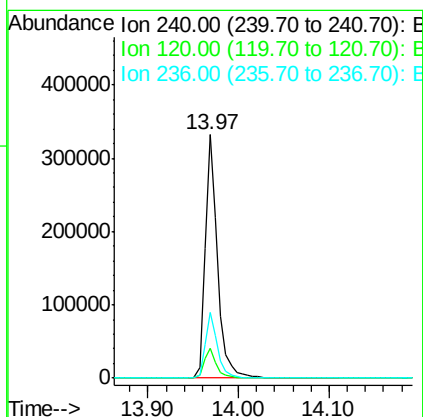
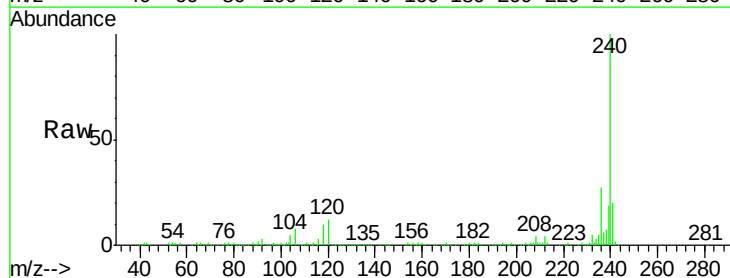
Instrument :
BNA_F
ClientSampleId :
S-CORNER-1

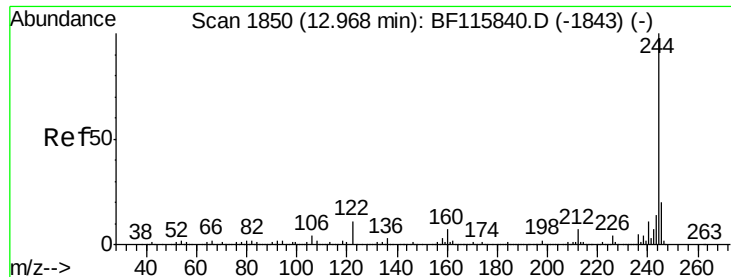
Tot Ion:188 Resp: 464687
Ion Ratio Lower Upper
188 100
94 9.9 8.1 12.1
80 10.4 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.04 min
Lab File: BF116361.D
Acq: 17 Aug 2019 16:59

Tgt Ion:240 Resp: 320083
Ion Ratio Lower Upper
240 100
120 12.1 10.7 16.1
236 27.0 22.2 33.2





#79

Terphenyl-d14

Concen: 68.468 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.05 min

Lab File: BF116361.D

Acq: 17 Aug 2019 16:59

Instrument :

BNA_F

ClientSampled :

S-CORNER-1

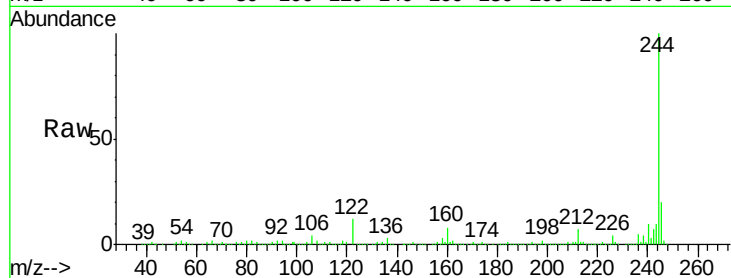
Tot Ion:244 Resp: 1040048

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

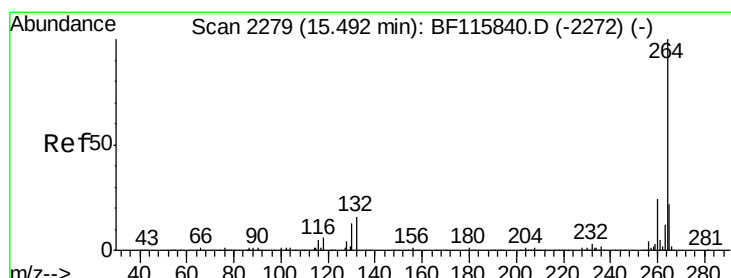
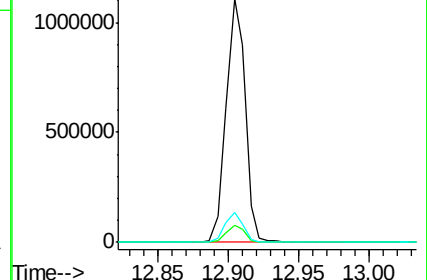
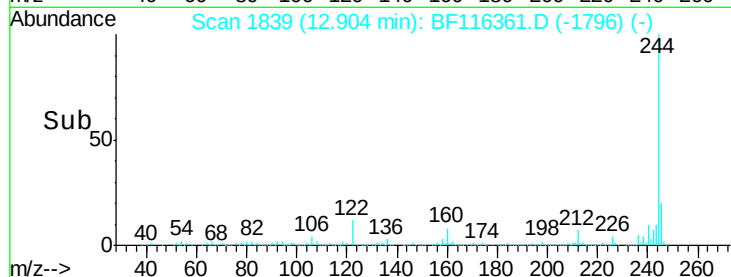
122 12.3 9.0 13.4



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# 2267

Delta R.T. -0.05 min

Lab File: BF116361.D

Acq: 17 Aug 2019 16:59

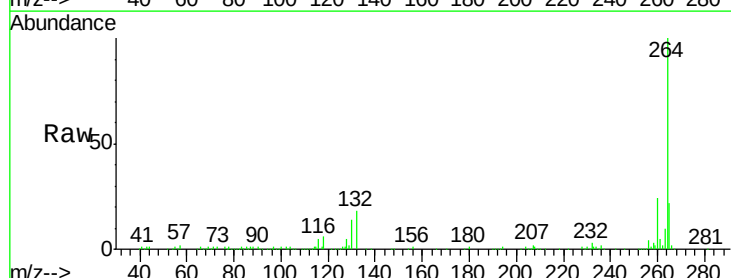
Tgt Ion:264 Resp: 292228

Ion Ratio Lower Upper

264 100

260 24.0 19.7 29.5

265 22.0 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

