

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
 Data File : BF111428.D
 Acq On : 14 Dec 2018 19:34
 Operator : JU/SJ
 Sample : J6340-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-06A

Quant Time: Dec 14 22:25:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 13:26:17 2018
 Response via : Initial Calibration

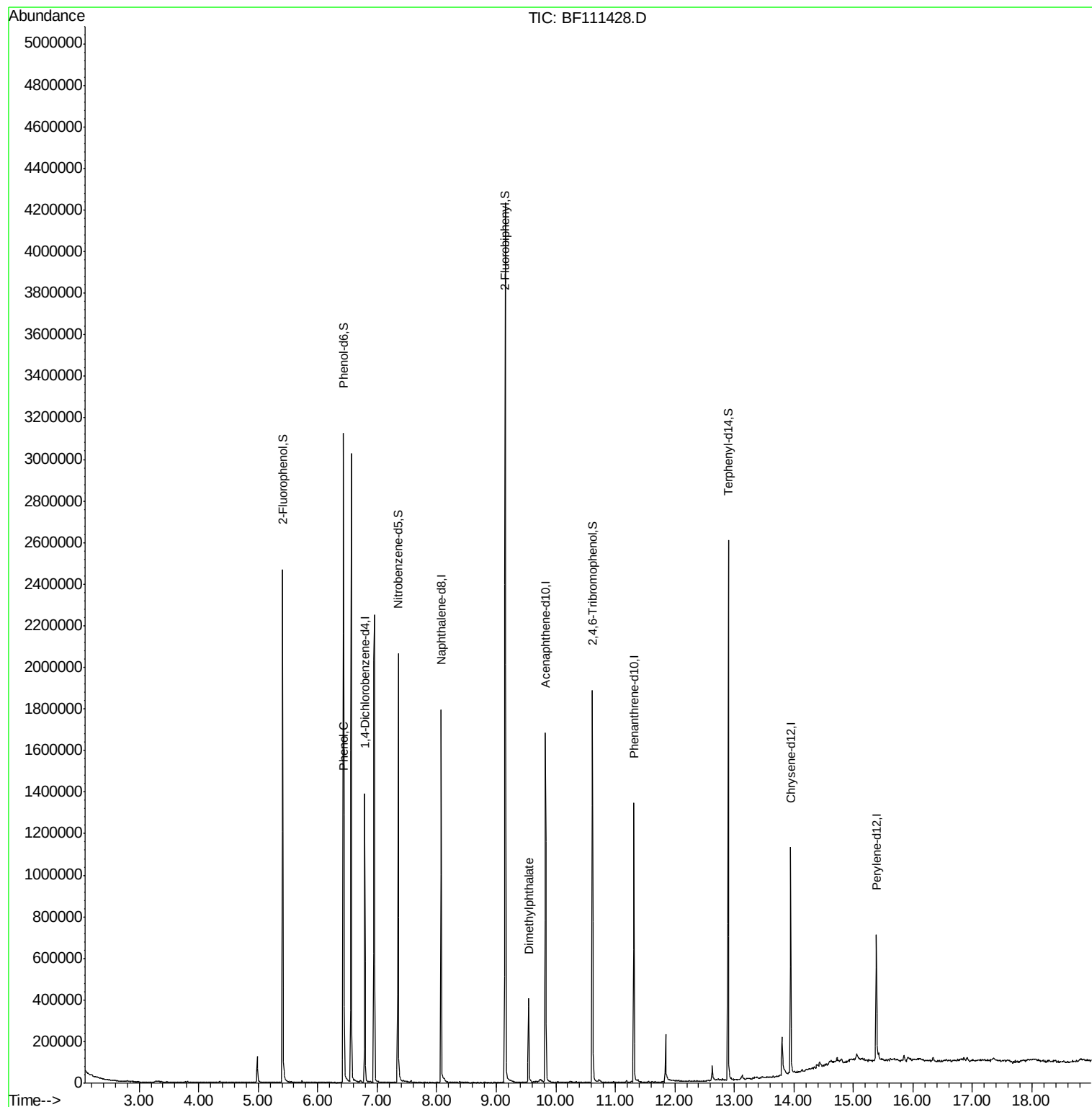
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	184431	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	736646	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	323174	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	458622	20.00	ng	0.00
76) Chrysene-d12	13.94	240	359260	20.00	ng	0.00
87) Perylene-d12	15.39	264	281626	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	668920	60.35	ng	0.00
7) Phenol-d6	6.43	99	934775	63.41	ng	0.00
23) Nitrobenzene-d5	7.35	82	578784	46.79	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	194846	67.31	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1205151	57.60	ng	0.00
79) Terphenyl-d14	12.90	244	826139	54.00	ng	0.00
Target Compounds						
10) Phenol	6.45	94	58001	3.532	ng	92
50) Dimethylphthalate	9.55	163	177928	7.645	ng	97

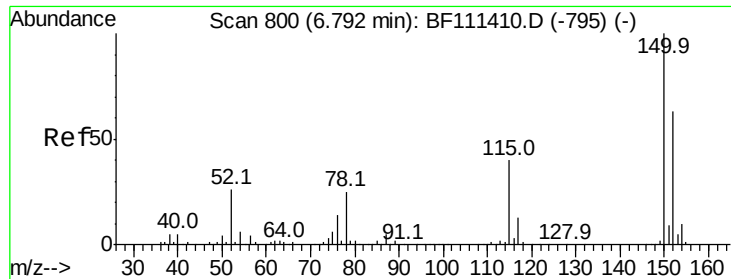
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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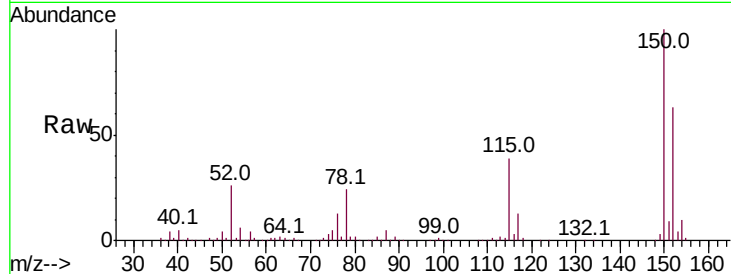


#1

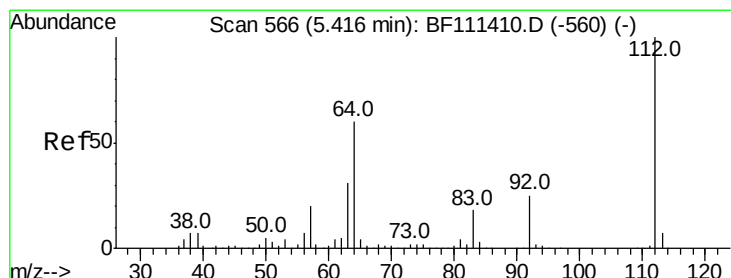
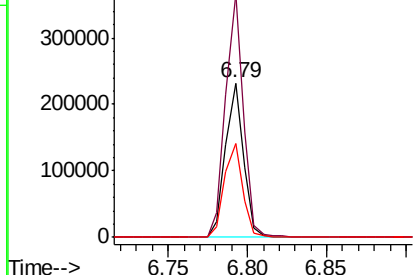
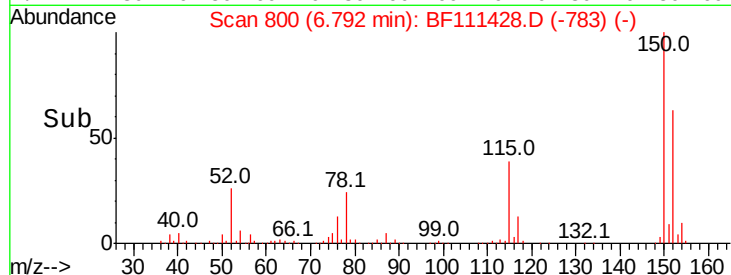
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF111428.D
Acq: 14 Dec 2018 19:34

Instrument :
BNA_F
ClientSampled :
SB-06A

Tot Ion:152 Resp: 184431
Ion Ratio Lower Upper
152 100
150 158.0 126.6 189.8
115 61.1 50.7 76.1



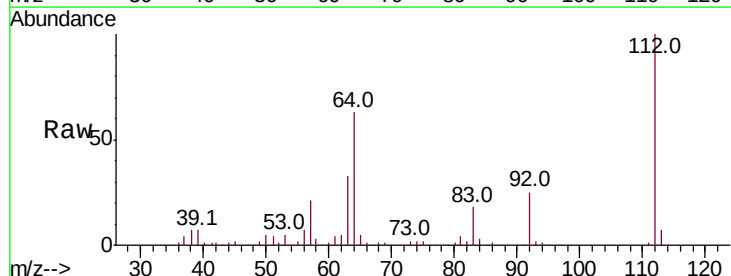
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



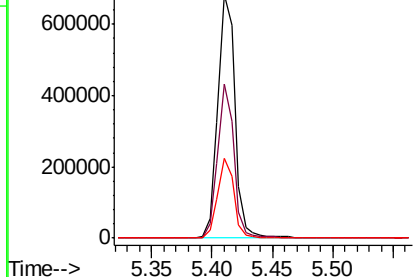
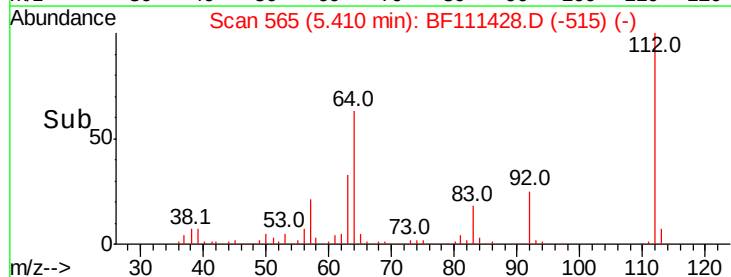
#5

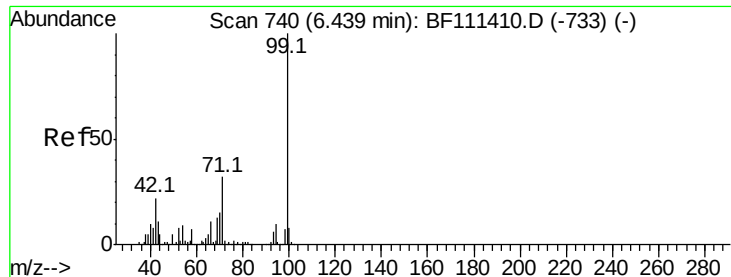
2-Fluorophenol
Concen: 60.354 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.00 min
Lab File: BF111428.D
Acq: 14 Dec 2018 19:34

Tgt Ion:112 Resp: 668920
Ion Ratio Lower Upper
112 100
64 63.2 51.8 77.6
63 32.9 26.8 40.2



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: 63.406 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF111428.D

Acq: 14 Dec 2018 19:34

Instrument :

BNA_F

ClientSampled :

SB-06A

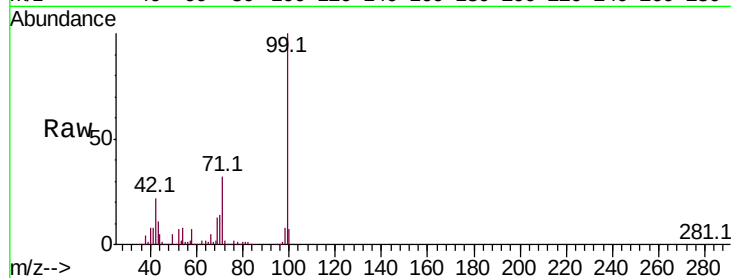
Tot Ion: 99 Resp: 934775

Ion Ratio Lower Upper

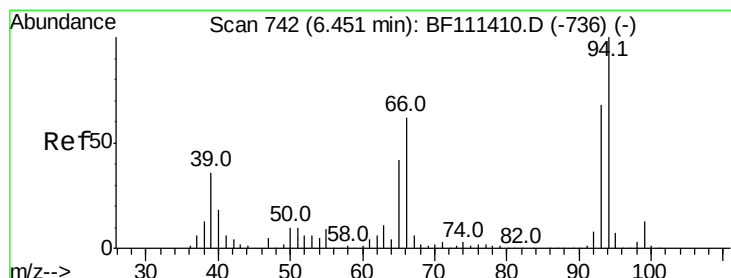
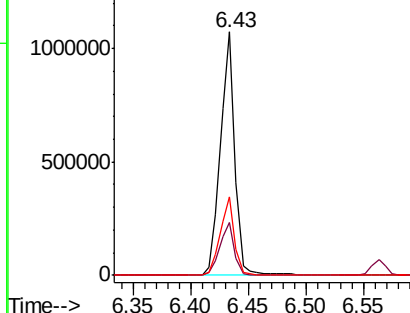
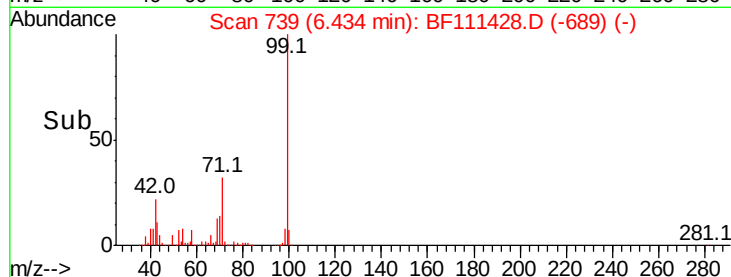
99 100

42 21.7 17.4 26.0

71 32.5 26.1 39.1



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: 3.532 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF111428.D

Acq: 14 Dec 2018 19:34

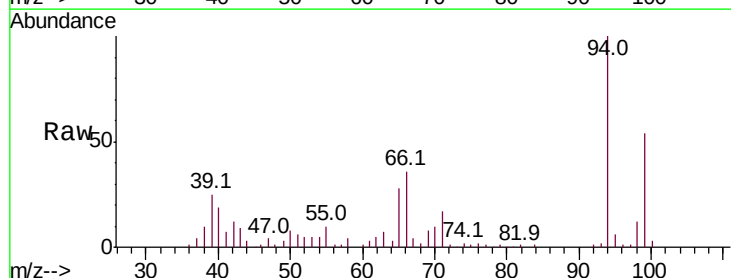
Tgt Ion: 94 Resp: 58001

Ion Ratio Lower Upper

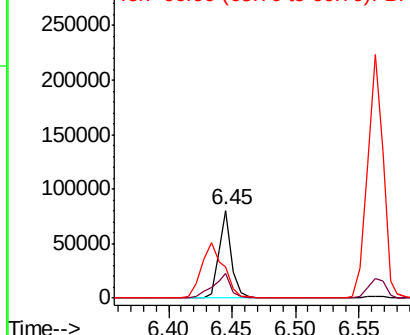
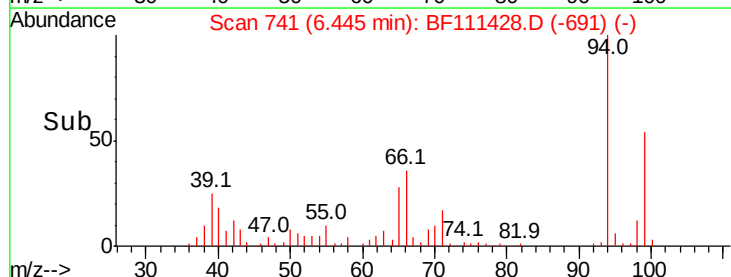
94 100

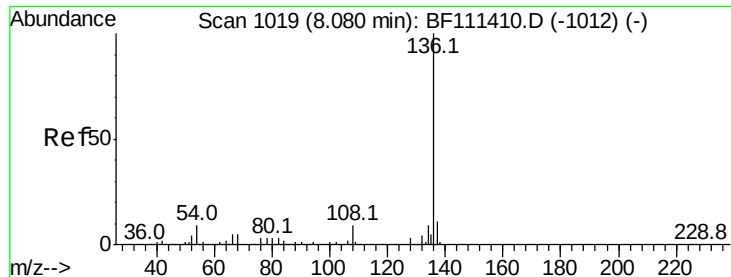
65 28.0 11.7 51.7

66 35.7 21.0 61.0



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

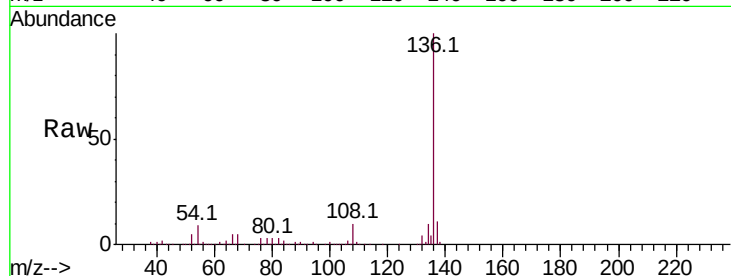




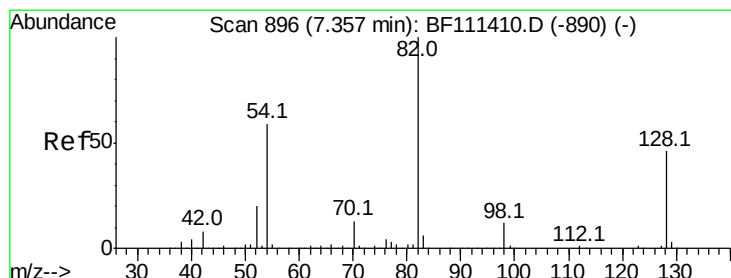
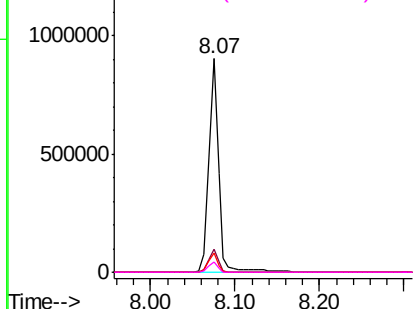
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111428.D
Acq: 14 Dec 2018 19:34

Instrument :
BNA_F
ClientSampleId :
SB-06A

Tot Ion:136	Resp:	736646
Ion	Ratio	Lower Upper
136	100	
137	11.0	9.1 13.7
54	9.3	7.7 11.5
68	4.9	4.9 7.3

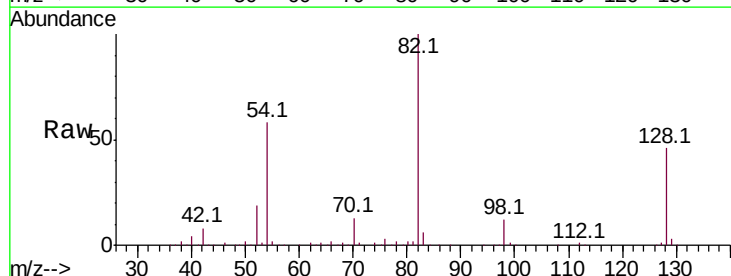


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

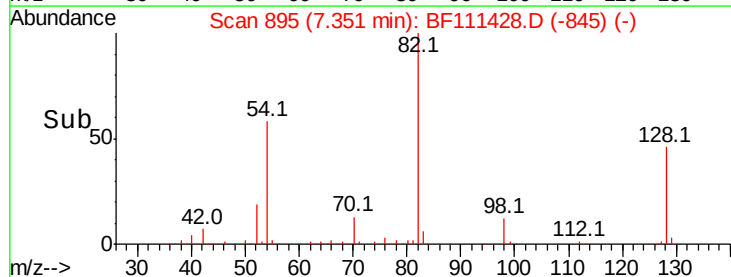
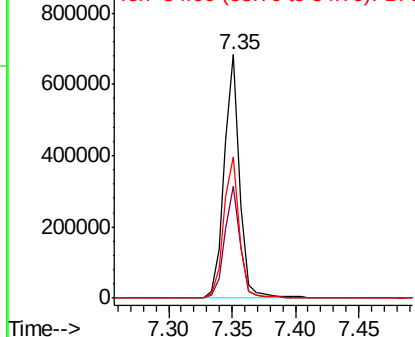


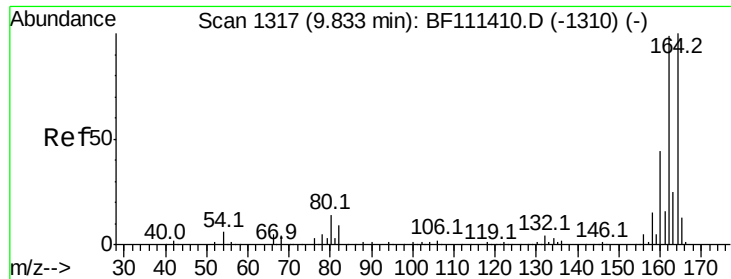
#23
Nitrobenzene-d5
Concen: 46.787 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111428.D
Acq: 14 Dec 2018 19:34

Tgt Ion: 82	Resp:	578784
Ion	Ratio	Lower Upper
82	100	
128	45.9	37.4 56.2
54	58.2	47.6 71.4



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

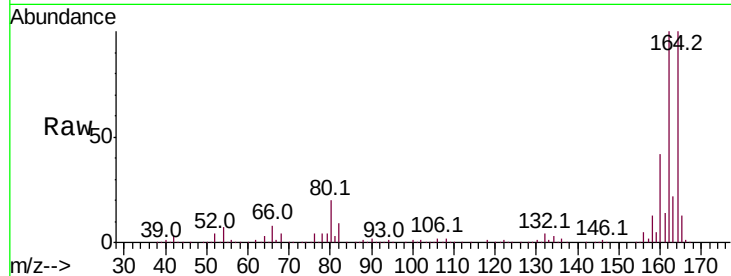




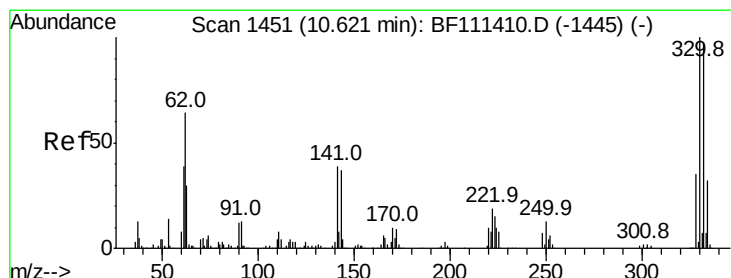
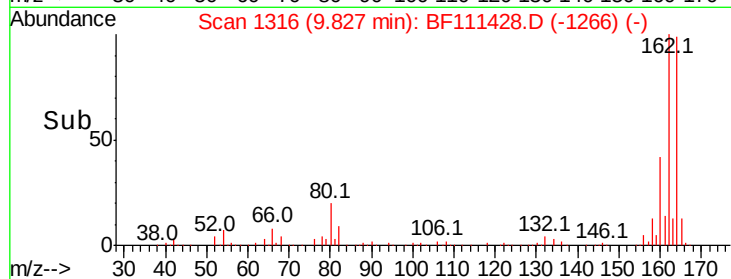
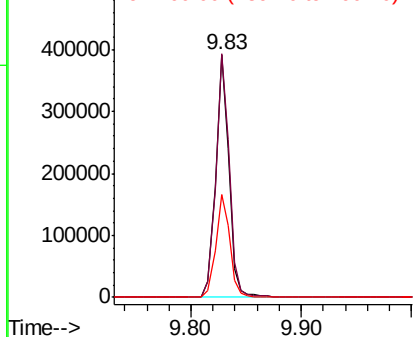
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111428.D
Acq: 14 Dec 2018 19:34

Instrument :
BNA_F
ClientSampleId :
SB-06A

Tot Ion:164 Resp: 323174
Ion Ratio Lower Upper
164 100
162 100.3 81.4 122.0
160 42.3 35.7 53.5

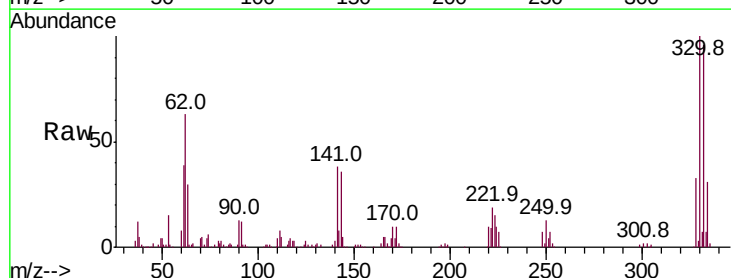


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

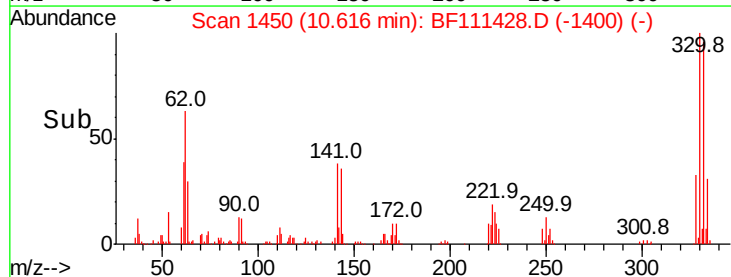
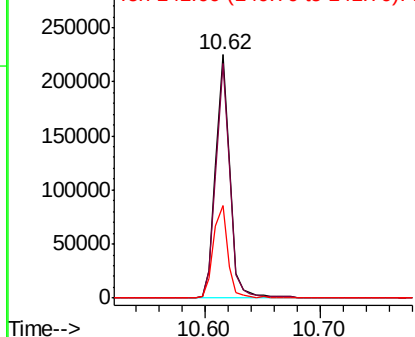


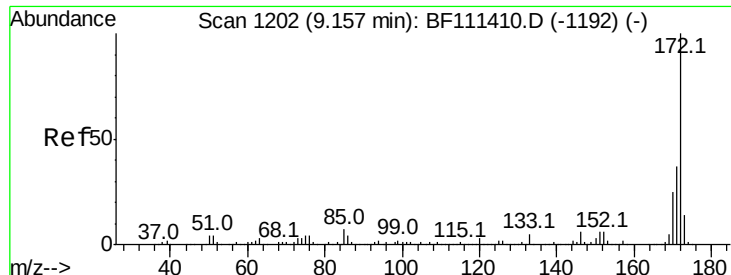
#42
2,4,6-Tribromophenol
Concen: 67.305 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111428.D
Acq: 14 Dec 2018 19:34

Tgt Ion:330 Resp: 194846
Ion Ratio Lower Upper
330 100
332 95.9 76.0 114.0
141 39.0 31.0 46.6



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



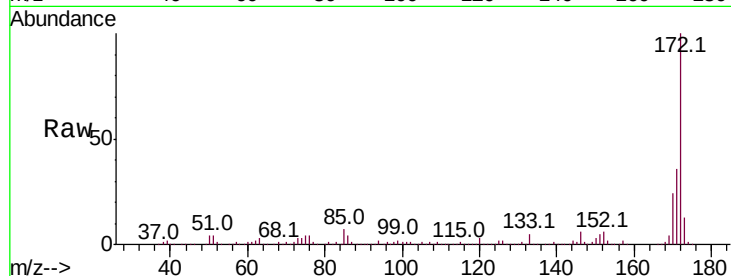


#45
 2-Fluorobiphenyl
 Concen: 57.601 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF111428.D
 Acq: 14 Dec 2018 19:34

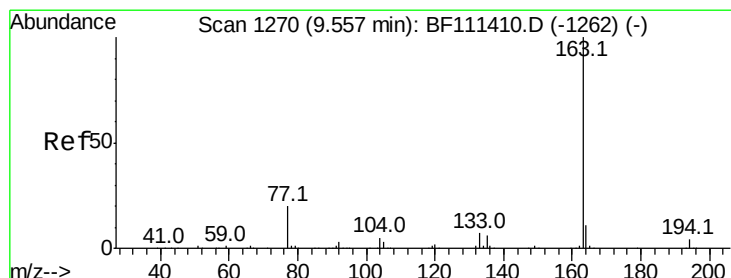
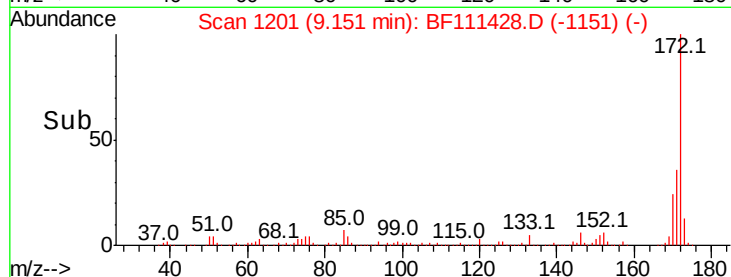
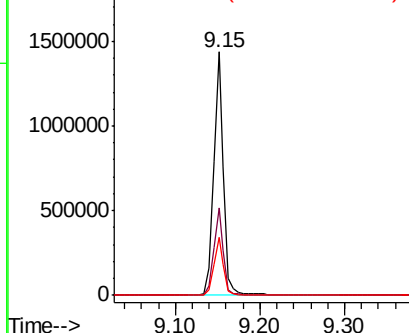
Instrument :
 BNA_F
 ClientSampleId :
 SB-06A

Tot Ion:172 Resp: 1205151

Ion	Ratio	Lower	Upper
172	100		
171	36.1	33.0	49.4
170	23.8	22.3	33.5



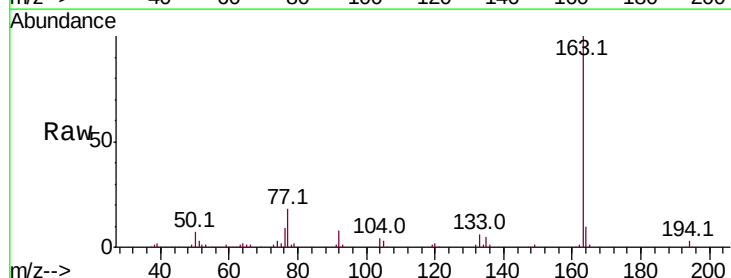
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



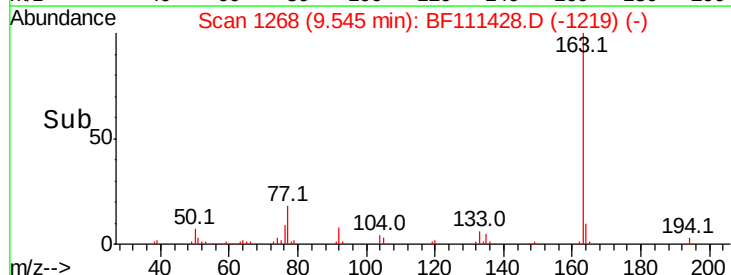
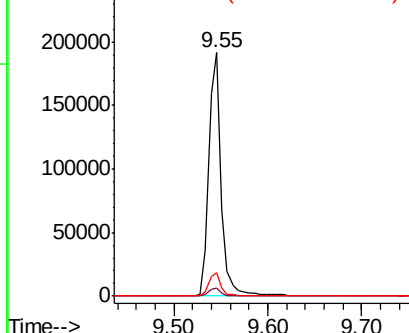
#50
 Dimethylphthalate
 Concen: 7.645 ng
 RT: 9.55 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: BF111428.D
 Acq: 14 Dec 2018 19:34

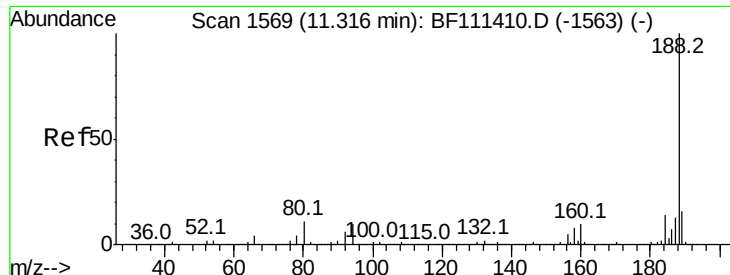
Tgt Ion:163 Resp: 177928

Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.0	4.6
164	9.9	8.9	13.3



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: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF111428.D

Acq: 14 Dec 2018 19:34

Instrument :

BNA_F

ClientSampleId :

SB-06A

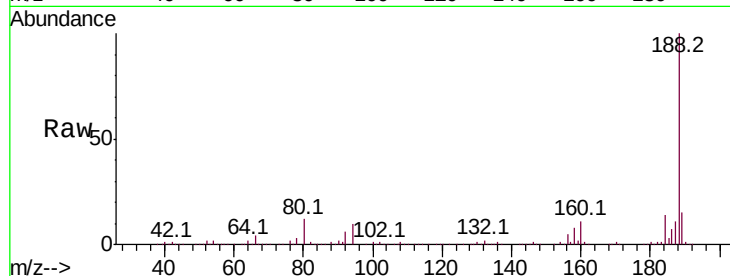
Tot Ion:188 Resp: 458622

Ion Ratio Lower Upper

188 100

94 10.1 9.6 14.4

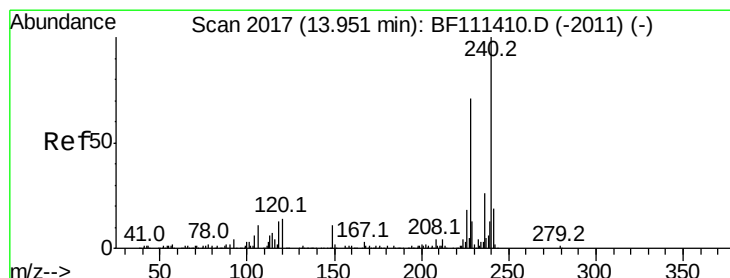
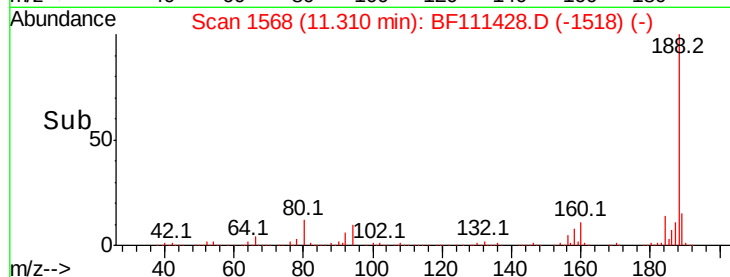
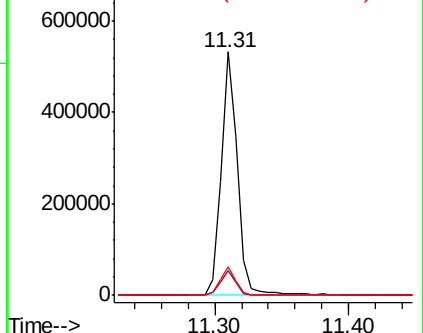
80 11.7 9.8 14.6



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: 13.94 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF111428.D

Acq: 14 Dec 2018 19:34

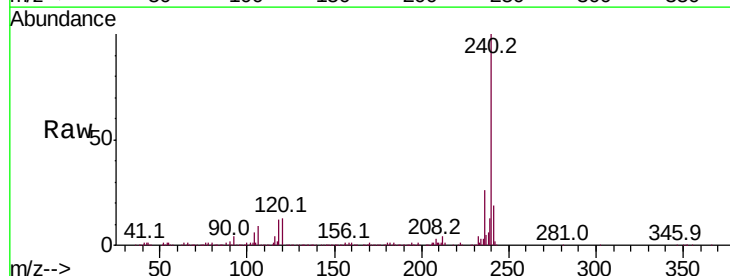
Tgt Ion:240 Resp: 359260

Ion Ratio Lower Upper

240 100

120 12.5 12.2 18.2

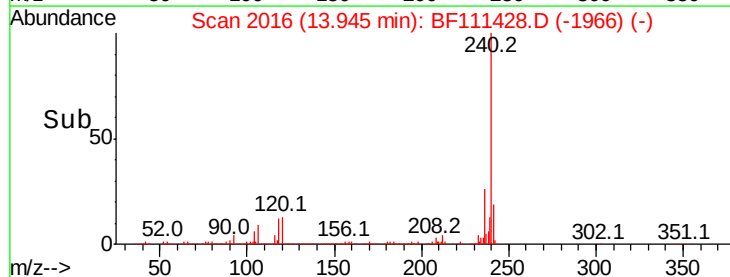
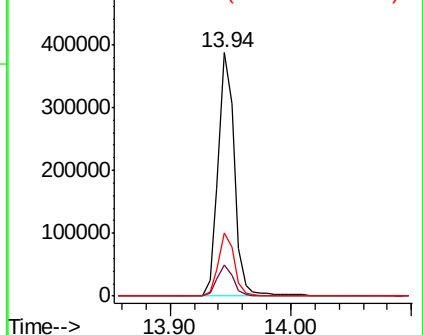
236 25.9 20.2 30.2

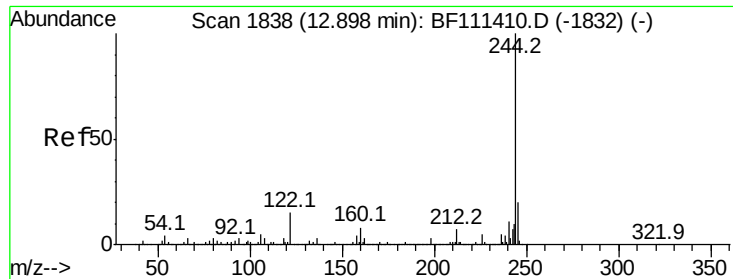


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 53.999 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF111428.D

Acq: 14 Dec 2018 19:34

Instrument :

BNA_F

ClientSampleId :

SB-06A

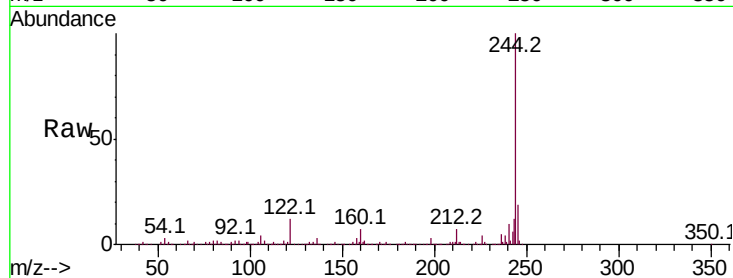
Tot Ion:244 Resp: 826139

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

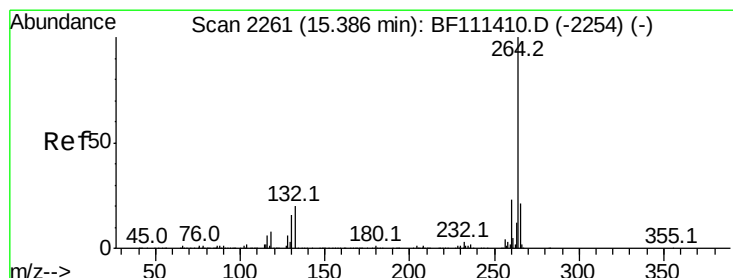
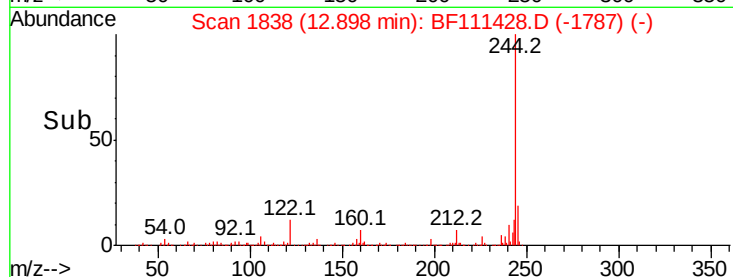
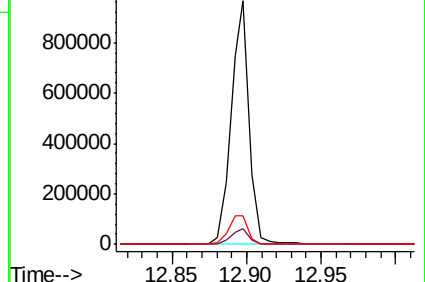
122 11.7 13.1 19.7#



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: 15.39 min Scan# 2261

Delta R.T. 0.00 min

Lab File: BF111428.D

Acq: 14 Dec 2018 19:34

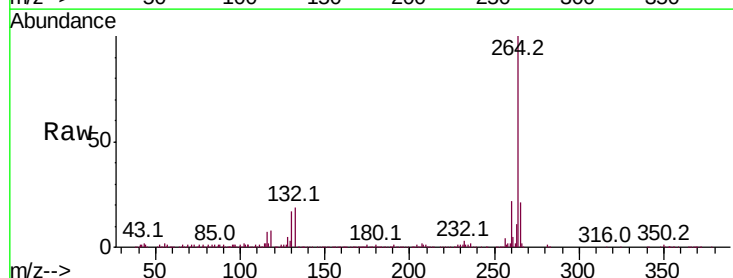
Tgt Ion:264 Resp: 281626

Ion Ratio Lower Upper

264 100

260 21.7 18.3 27.5

265 21.3 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

