

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
 Data File : BF114958.D
 Acq On : 11 Jun 2019 22:01
 Operator : HP/JU
 Sample : K3265-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-02-COMP

Quant Time: Jun 12 05:22:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 16:44:00 2019
 Response via : Initial Calibration

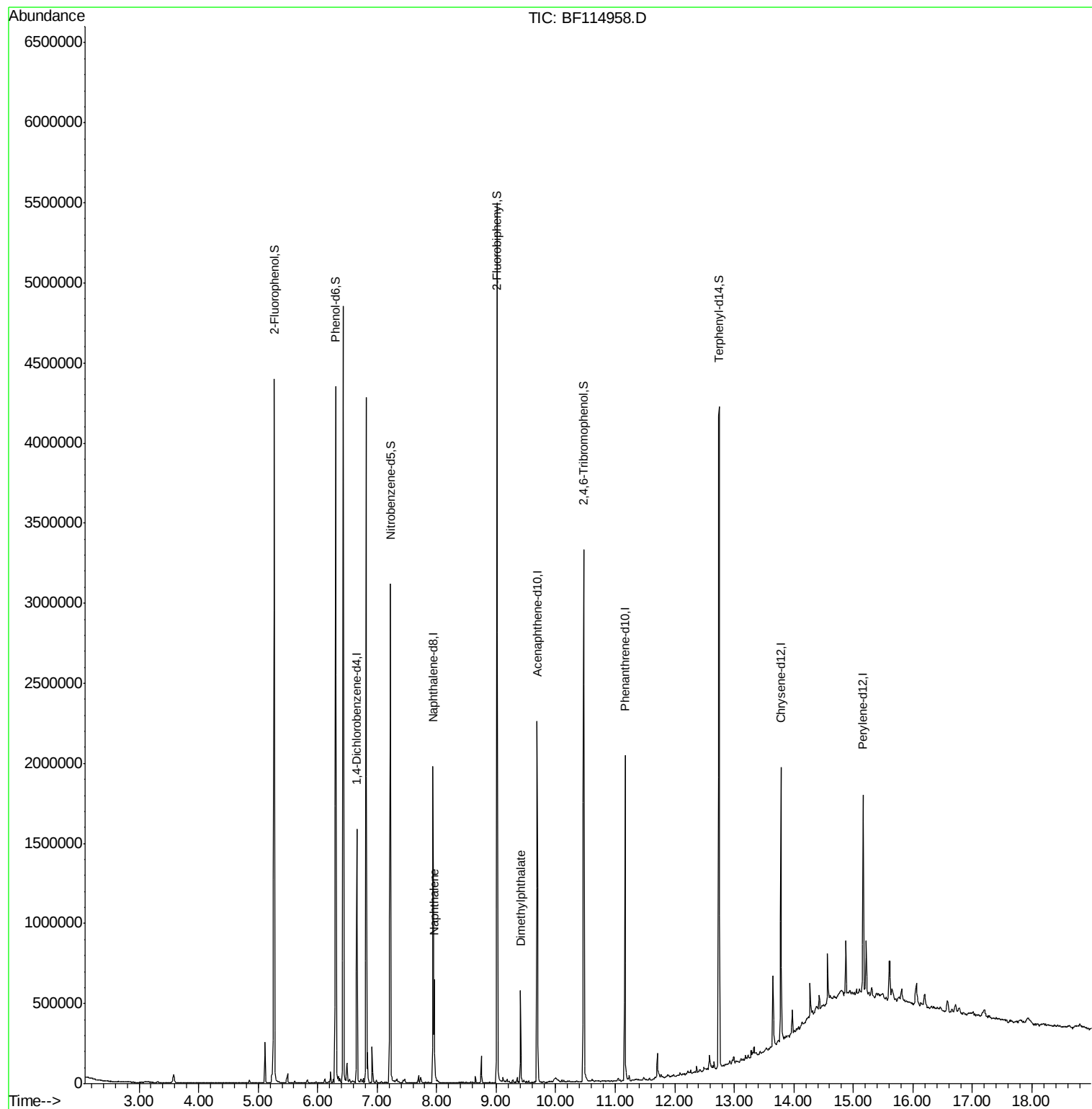
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	225024	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	864360	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	408201	20.00	ng	0.00
64) Phenanthrene-d10	11.16	188	747224	20.00	ng	0.00
76) Chrysene-d12	13.78	240	568671	20.00	ng	-0.01
87) Perylene-d12	15.16	264	535916	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1347301	101.33	ng	0.00
7) Phenol-d6	6.30	99	1676821	104.56	ng	0.00
23) Nitrobenzene-d5	7.22	82	958028	68.10	ng	0.00
42) 2,4,6-Tribromophenol	10.47	330	410927	92.54	ng	-0.01
45) 2-Fluorobiphenyl	9.02	172	1650894	64.19	ng	0.00
79) Terphenyl-d14	12.75	244	1502039	52.53	ng	0.00
Target Compounds						
31) Naphthalene	7.96	128	296000	7.432	ng	96
50) Dimethylphthalate	9.41	163	242141	7.892	ng	97

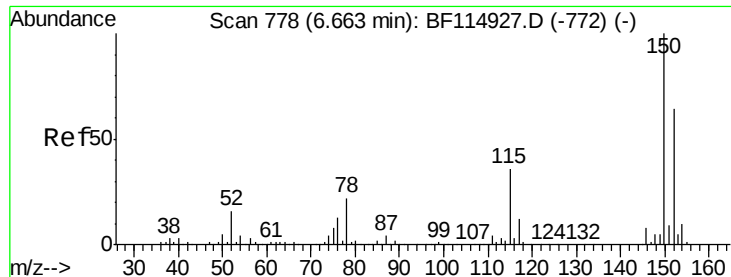
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 12 05:22:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF114958.D

Acq: 11 Jun 2019 22:01

Instrument :

BNA_F

ClientSampleId :

B-02-COMP

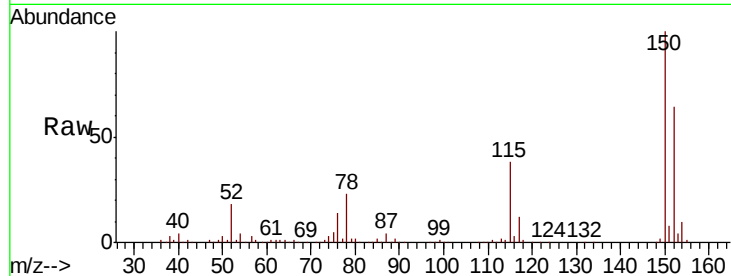
Tot Ion:152 Resp: 225024

Ion Ratio Lower Upper

152 100

150 156.2 125.2 187.8

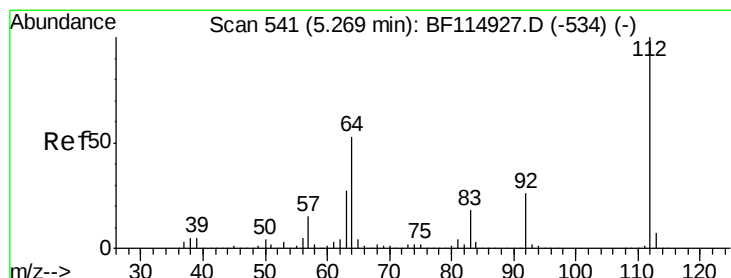
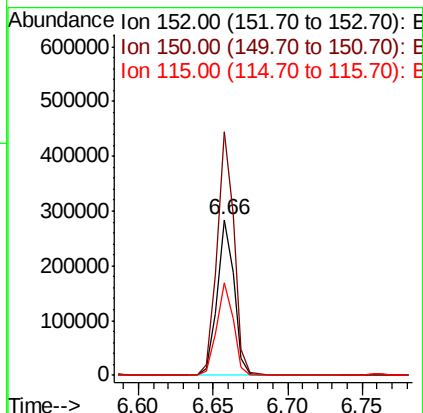
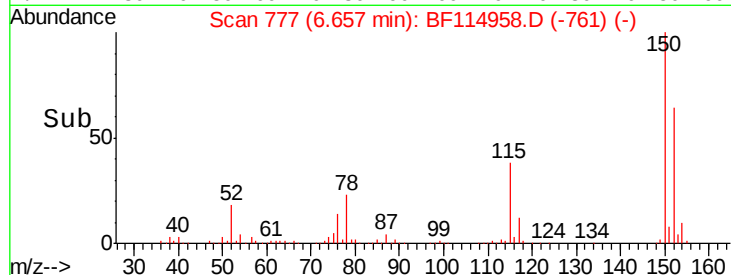
115 59.1 45.0 67.4



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: 101.331 ng

RT: 5.27 min Scan# 541

Delta R.T. 0.00 min

Lab File: BF114958.D

Acq: 11 Jun 2019 22:01

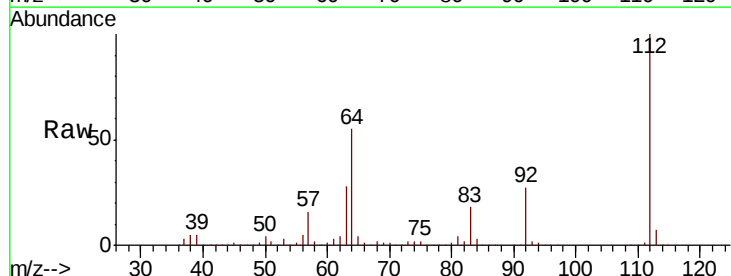
Tgt Ion:112 Resp: 1347301

Ion Ratio Lower Upper

112 100

64 55.1 42.1 63.1

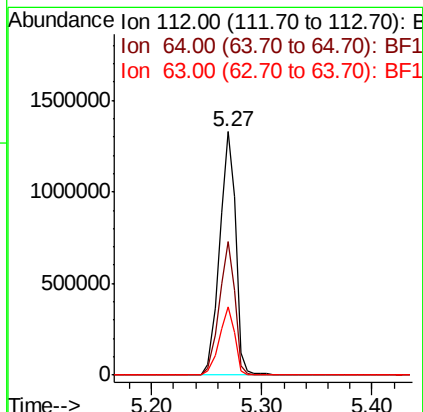
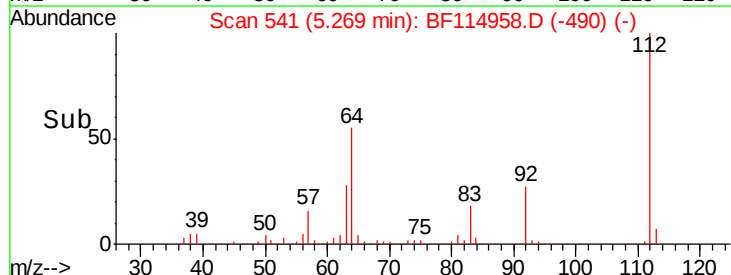
63 28.1 21.8 32.8



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: 104.556 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF114958.D

Acq: 11 Jun 2019 22:01

Instrument :

BNA_F

ClientSampleId :

B-02-COMP

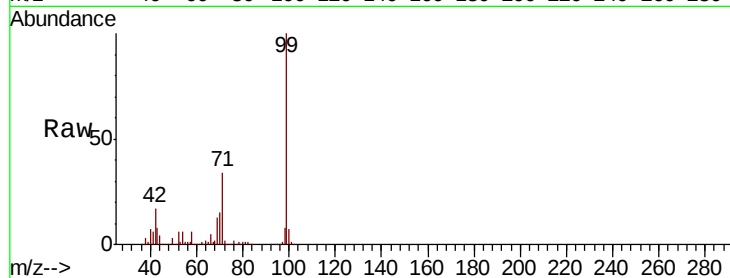
Tot Ion: 99 Resp: 1676821

Ion Ratio Lower Upper

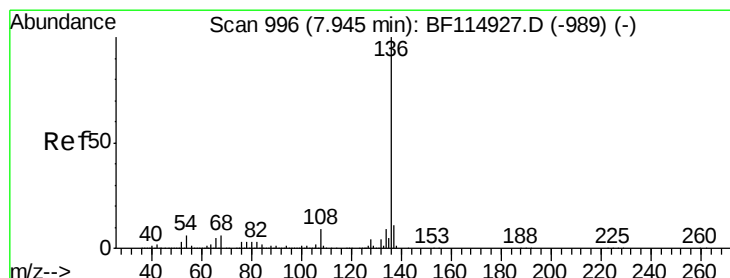
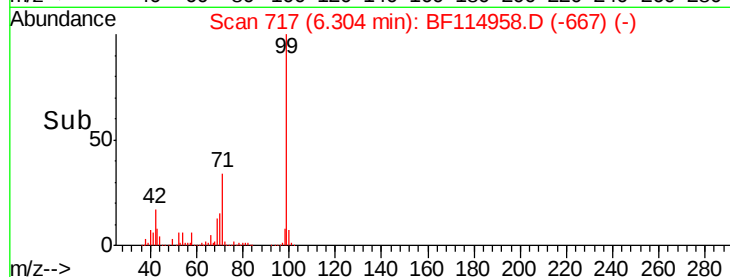
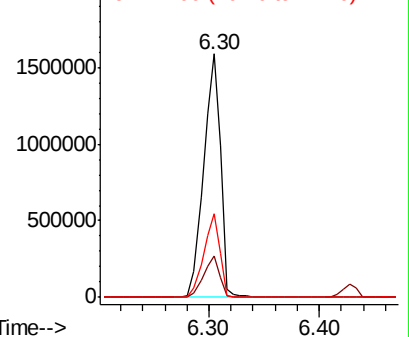
99 100

42 17.0 13.1 19.7

71 34.3 26.8 40.2



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: 7.94 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF114958.D

Acq: 11 Jun 2019 22:01

Tgt Ion: 136 Resp: 864360

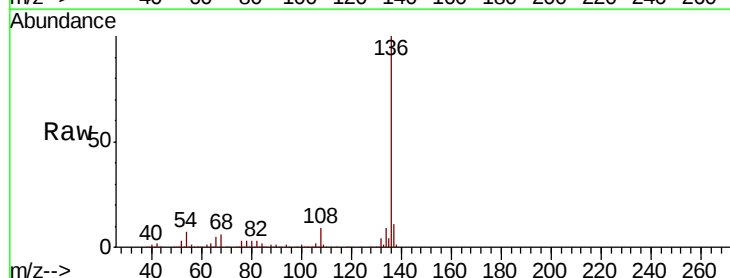
Ion Ratio Lower Upper

136 100

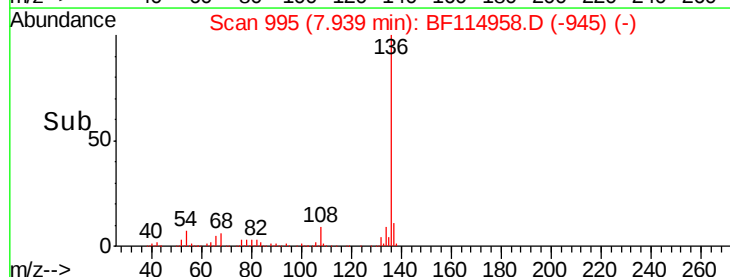
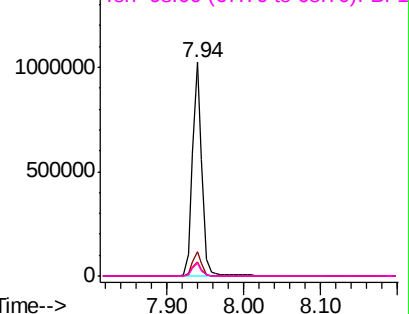
137 11.2 9.0 13.6

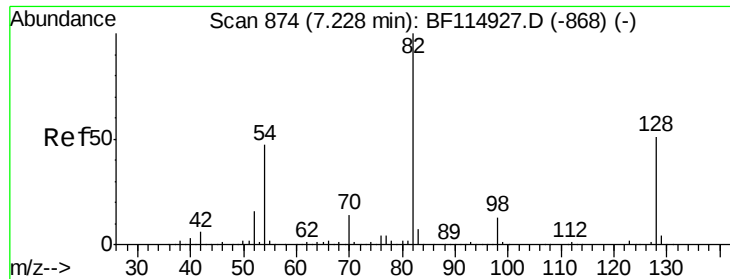
54 6.7 5.2 7.8

68 5.9 4.6 7.0



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

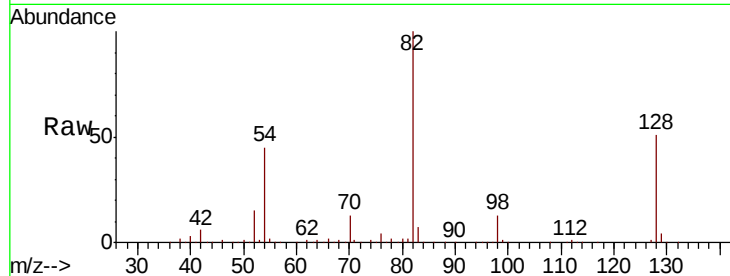




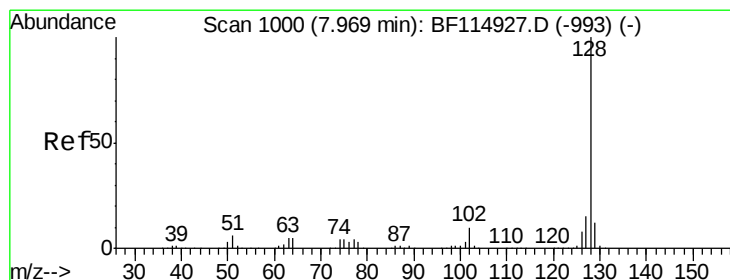
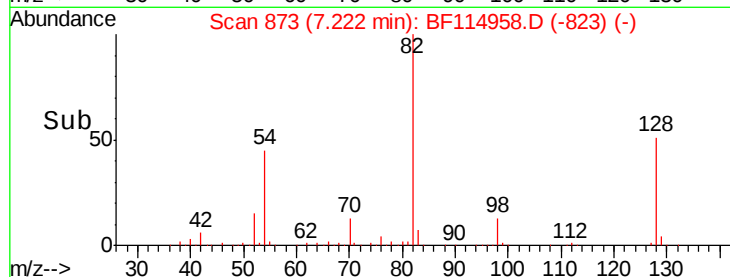
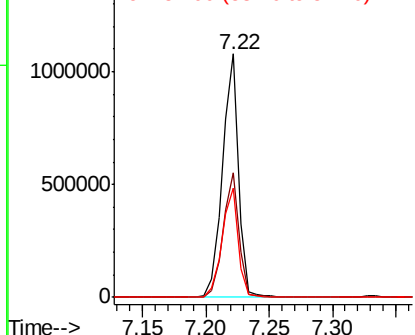
#23
 Nitrobenzene-d5
 Concen: 68.100 ng
 RT: 7.22 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: BF114958.D
 Acq: 11 Jun 2019 22:01

Instrument :
 BNA_F
 ClientSampleId :
 B-02-COMP

Tot Ion	82	Resp	958028
Ion Ratio	100	Lower	Upper
128	51.4	40.9	61.3
54	45.0	37.4	56.0

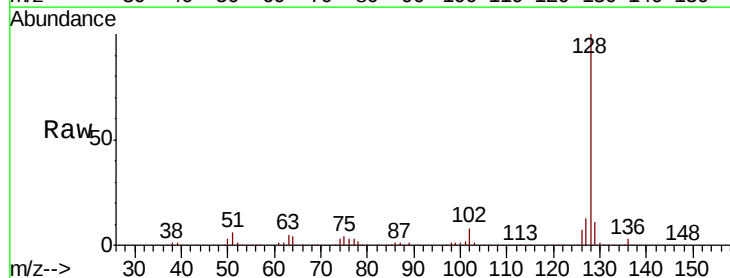


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

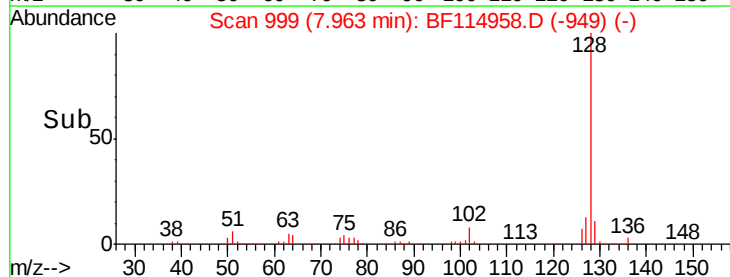
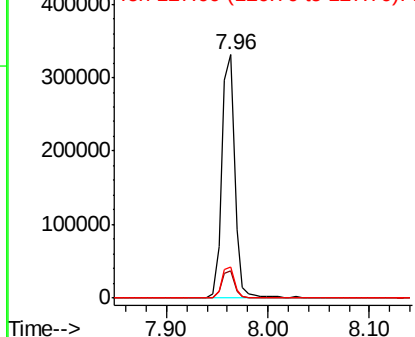


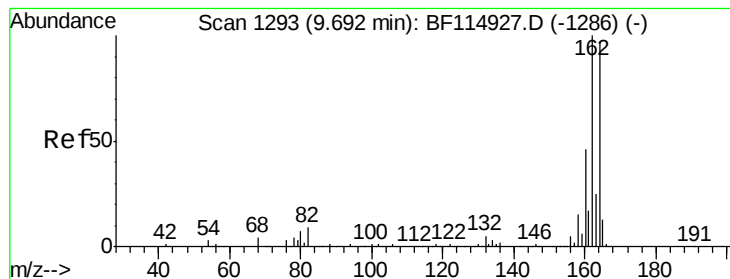
#31
 Naphthalene
 Concen: 7.432 ng
 RT: 7.96 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: BF114958.D
 Acq: 11 Jun 2019 22:01

Tgt Ion	128	Resp	296000
Ion Ratio	100	Lower	Upper
129	11.1	9.8	14.8
127	13.0	11.8	17.6



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF114958.D

Acq: 11 Jun 2019 22:01

Instrument :

BNA_F

ClientSampleId :

B-02-COMP

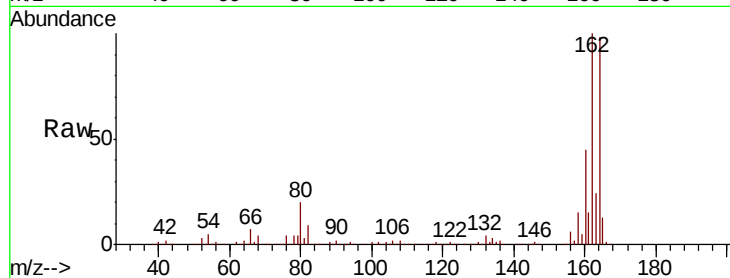
Tot Ion:164 Resp: 408201

Ion Ratio Lower Upper

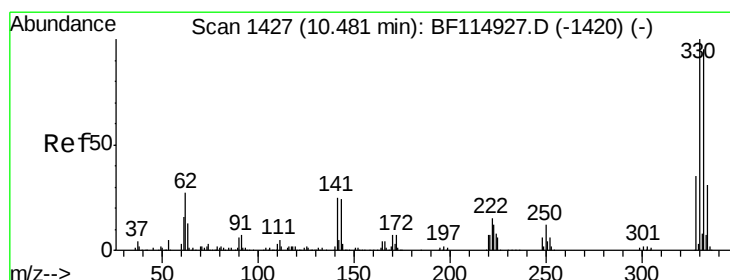
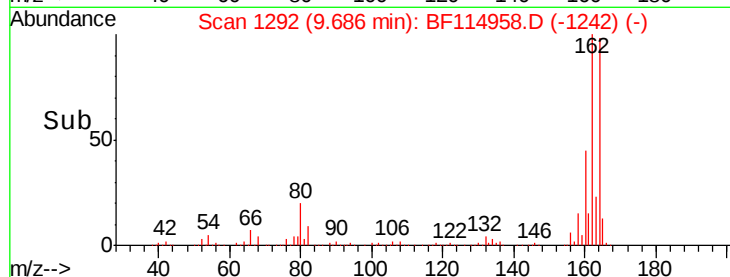
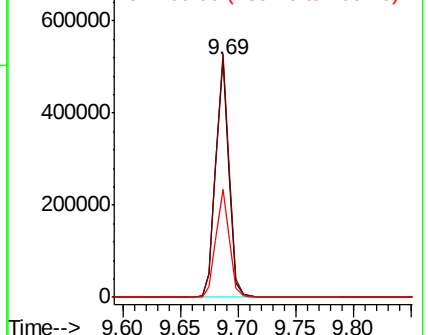
164 100

162 102.3 82.4 123.6

160 45.6 37.5 56.3



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: 92.542 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.01 min

Lab File: BF114958.D

Acq: 11 Jun 2019 22:01

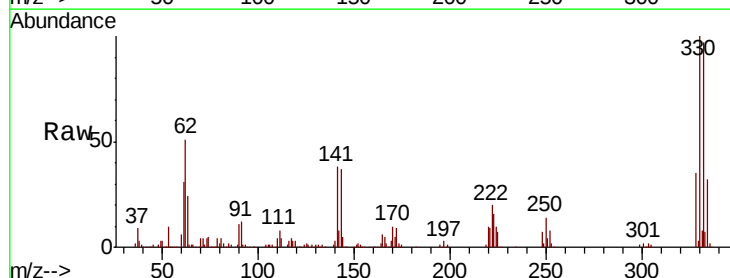
Tgt Ion:330 Resp: 410927

Ion Ratio Lower Upper

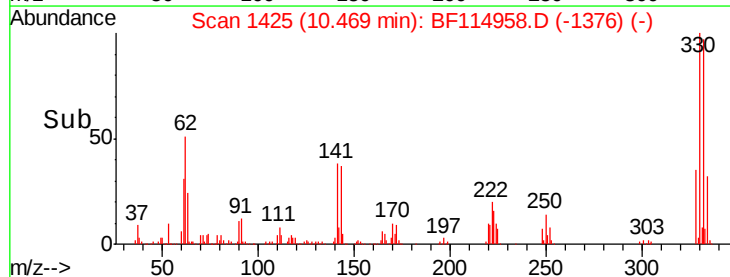
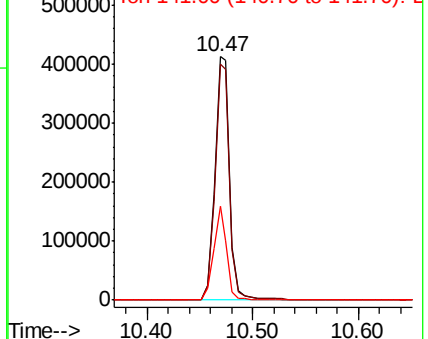
330 100

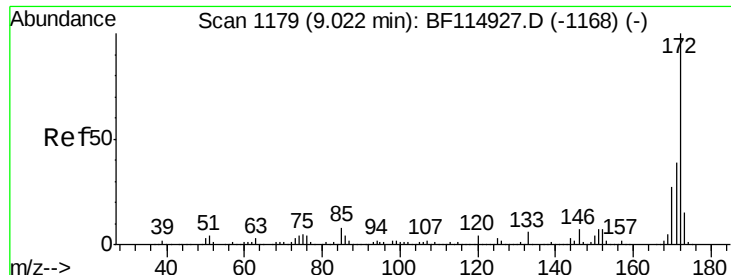
332 96.3 76.4 114.6

141 34.1 26.8 40.2



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

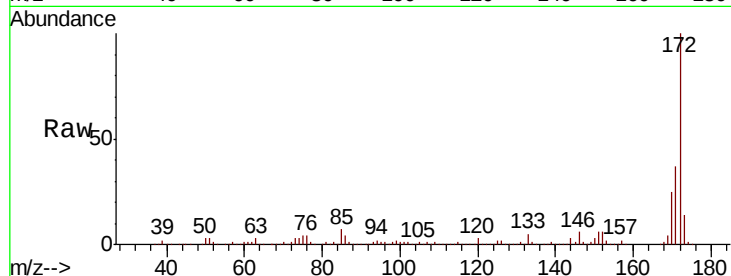




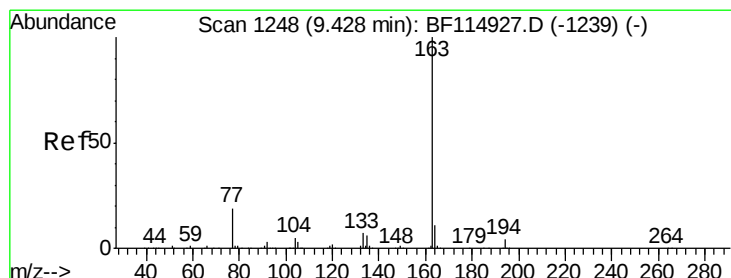
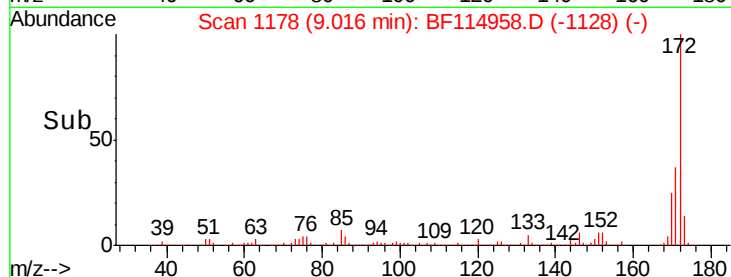
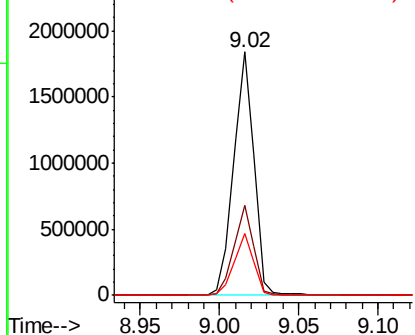
#45
2-Fluorobiphenyl
Concen: 64.186 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF114958.D
Acq: 11 Jun 2019 22:01

Instrument :
BNA_F
ClientSampleId :
B-02-COMP

Tot Ion:172 Resp: 1650894
Ion Ratio Lower Upper
172 100
171 37.1 31.3 46.9
170 25.2 21.4 32.0

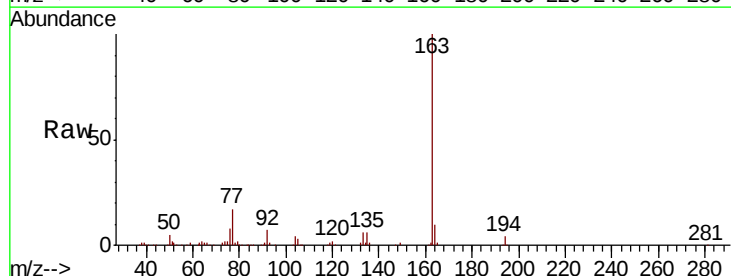


Abundance Ion 172.00 (171.70 to 172.70): E
2500000
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

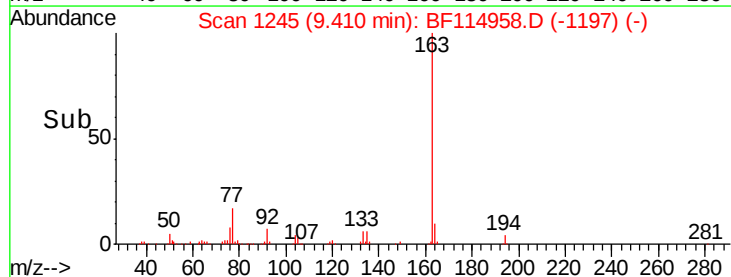
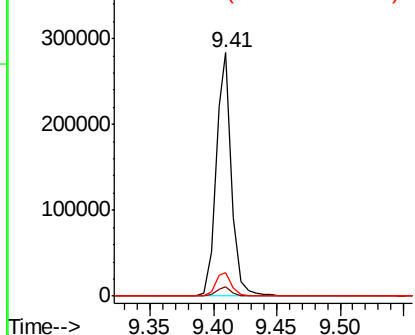


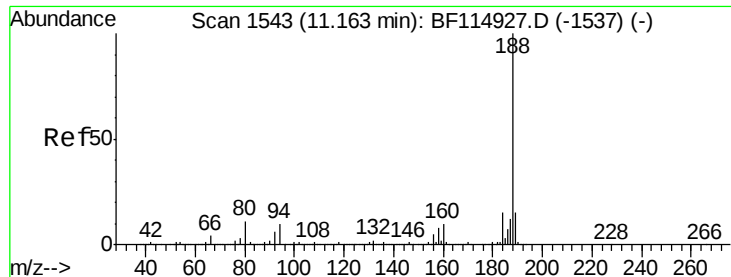
#50
Dimethylphthalate
Concen: 7.892 ng
RT: 9.41 min Scan# 1245
Delta R.T. -0.02 min
Lab File: BF114958.D
Acq: 11 Jun 2019 22:01

Tgt Ion:163 Resp: 242141
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.0
164 9.6 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E
300000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

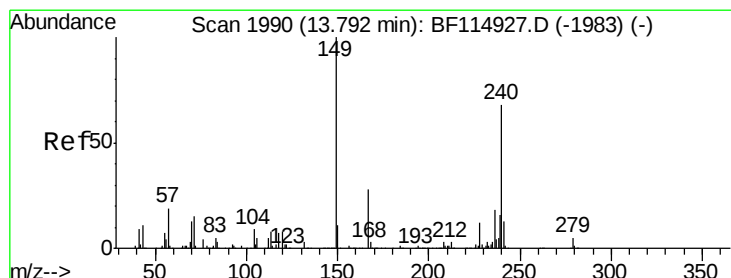
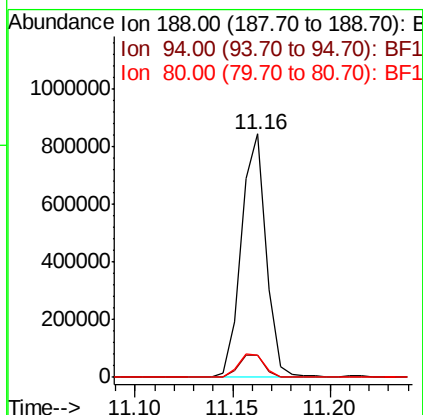
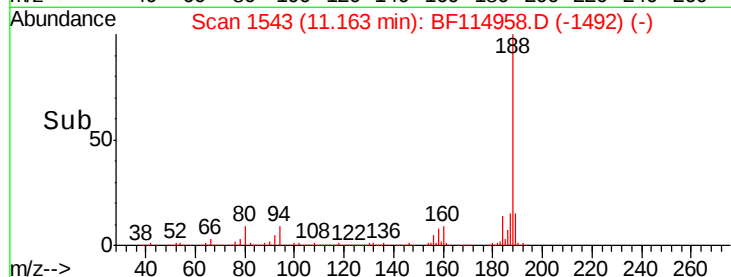
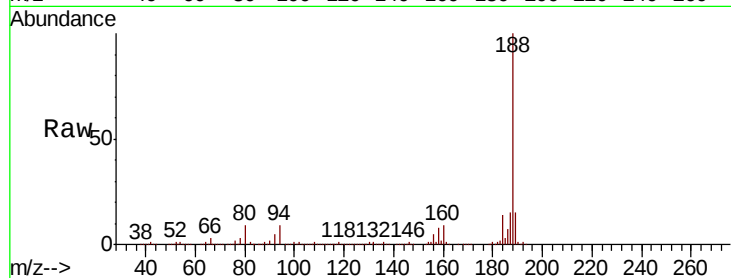




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. 0.00 min
Lab File: BF114958.D
Acq: 11 Jun 2019 22:01

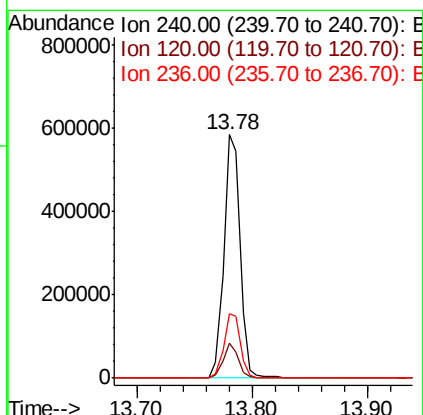
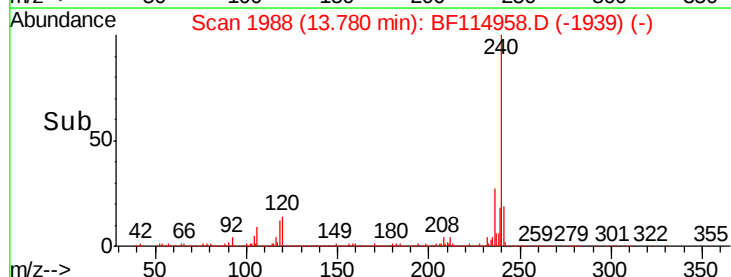
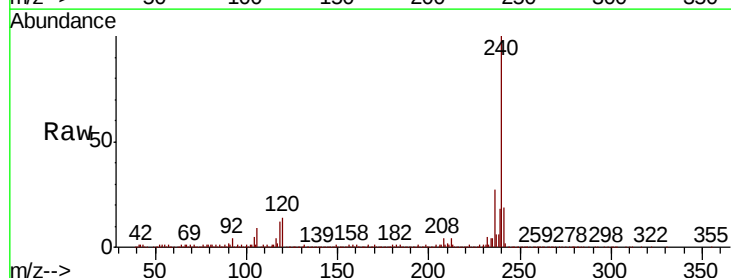
Instrument :
BNA_F
ClientSampled :
B-02-COMP

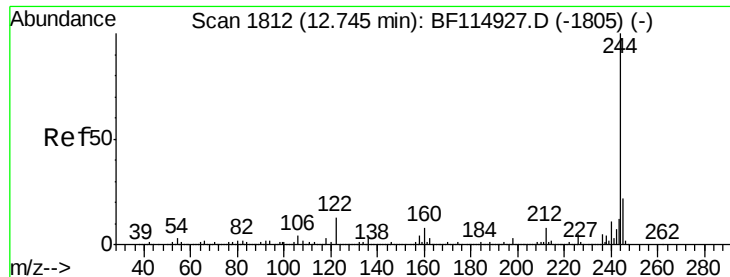
Tot Ion:188 Resp: 747224
Ion Ratio Lower Upper
188 100
94 8.9 8.1 12.1
80 9.3 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.78 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BF114958.D
Acq: 11 Jun 2019 22:01

Tgt Ion:240 Resp: 568671
Ion Ratio Lower Upper
240 100
120 14.2 9.2 13.8#
236 26.7 21.7 32.5





#79

Terphenyl-d14

Concen: 52.528 ng

RT: 12.75 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BF114958.D

Acq: 11 Jun 2019 22:01

Instrument :

BNA_F

ClientSampleId :

B-02-COMP

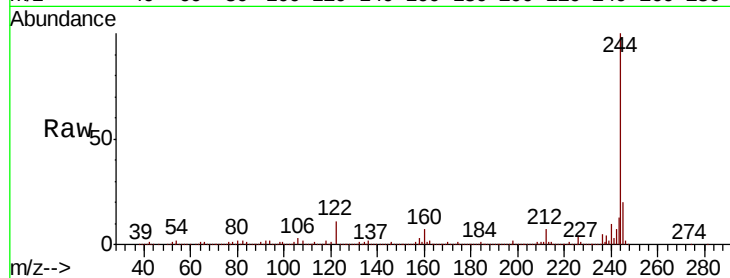
Tot Ion:244 Resp: 1502039

Ion Ratio Lower Upper

244 100

212 6.7 6.2 9.2

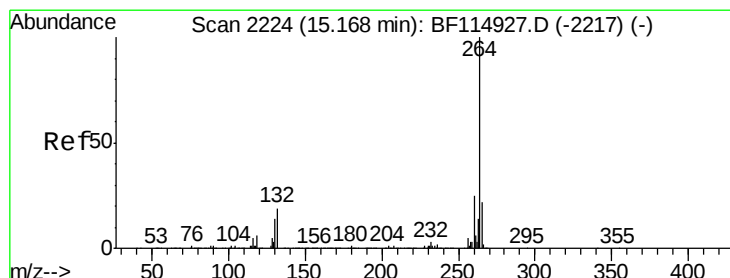
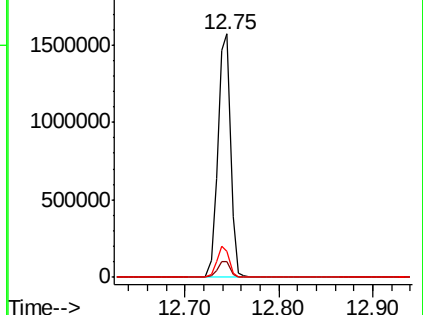
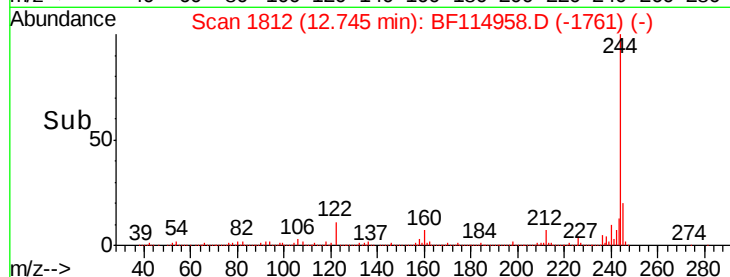
122 10.6 10.2 15.4



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: 15.16 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BF114958.D

Acq: 11 Jun 2019 22:01

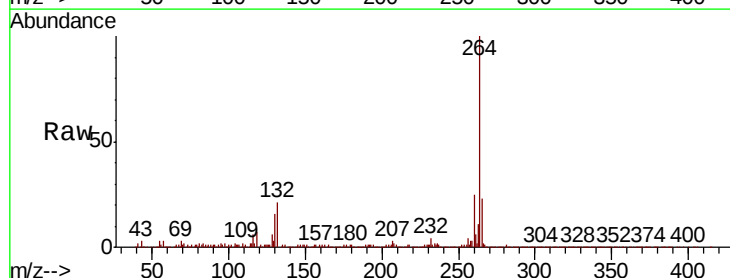
Tgt Ion:264 Resp: 535916

Ion Ratio Lower Upper

264 100

260 25.2 19.7 29.5

265 22.6 17.5 26.3



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

