

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122719\
 Data File : BF118337.D
 Acq On : 27 Dec 2019 14:53
 Operator : JU
 Sample : K6431-12
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1-(0-2)

Quant Time: Dec 30 12:22:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

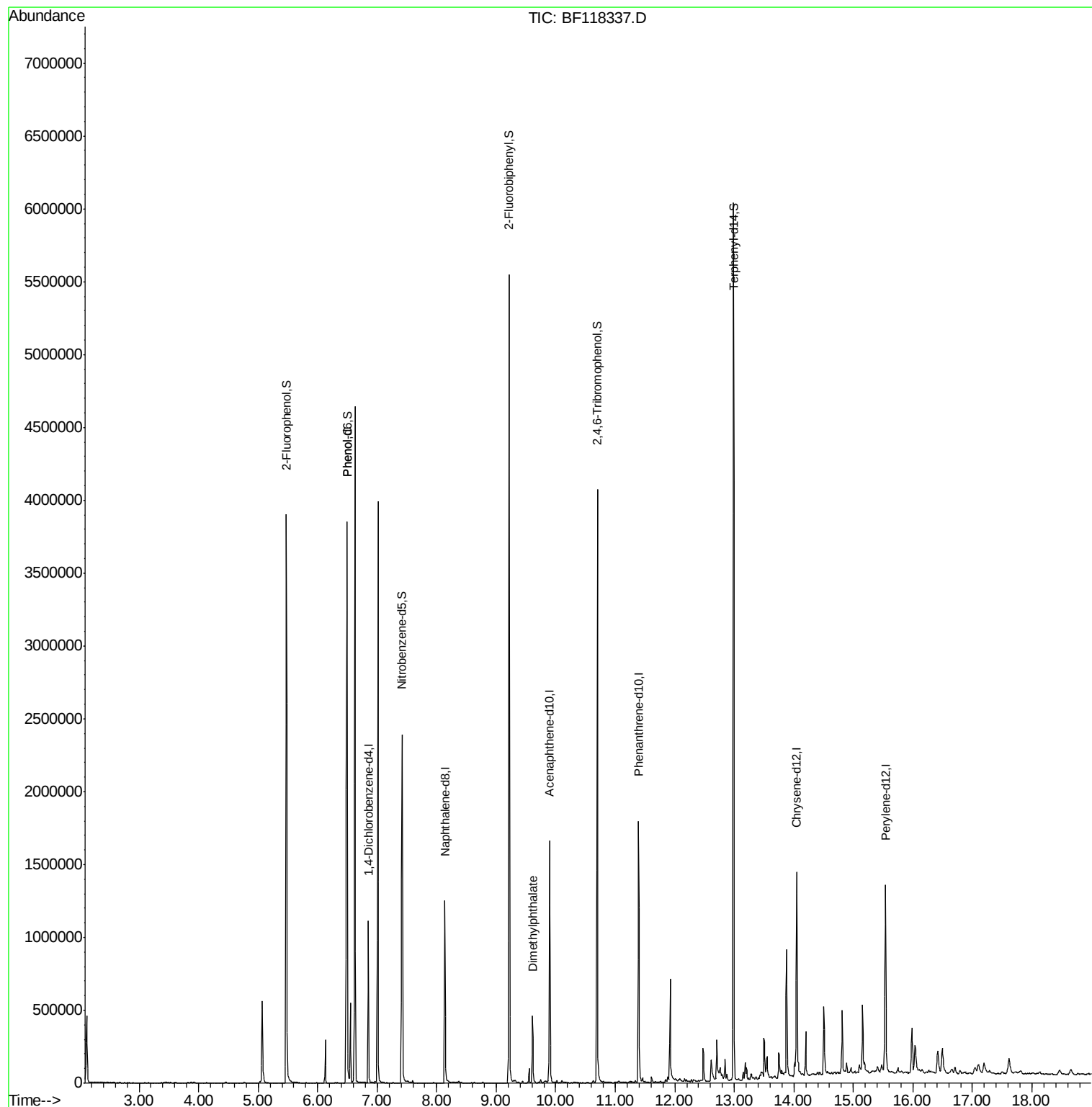
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	159458	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	627223	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	337940	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	637772	20.00	ng	0.00
76) Chrysene-d12	14.04	240	451226	20.00	ng	0.00
87) Perylene-d12	15.54	264	422677	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1167666	125.00	ng	0.01
7) Phenol-d6	6.49	99	1466629	126.56	ng	0.00
23) Nitrobenzene-d5	7.42	82	895546	81.66	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	526924	126.26	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1774870	80.17	ng	0.00
79) Terphenyl-d14	12.99	244	2142082	78.76	ng	0.00
Target Compounds						
10) Phenol	6.50	94	31604	2.426	ng	Qvalue # 61
50) Dimethylphthalate	9.61	163	186132	7.338	ng	100

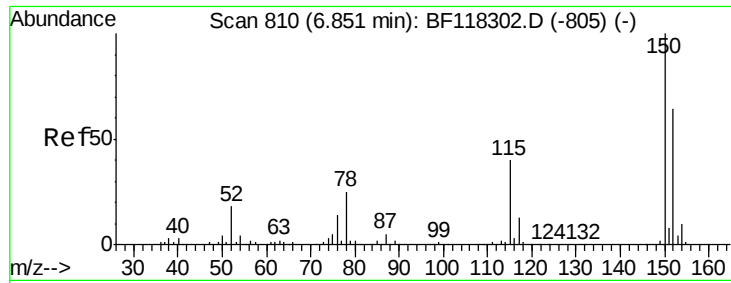
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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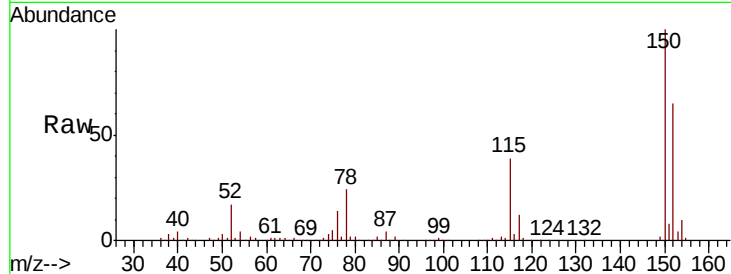


#1

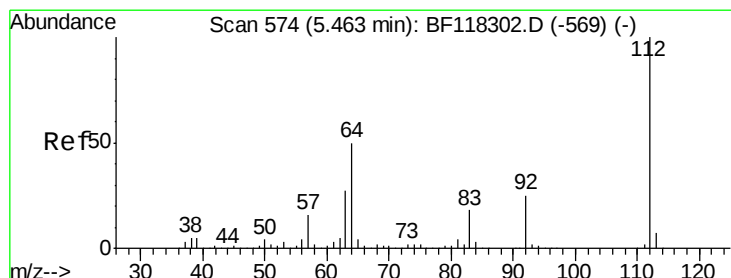
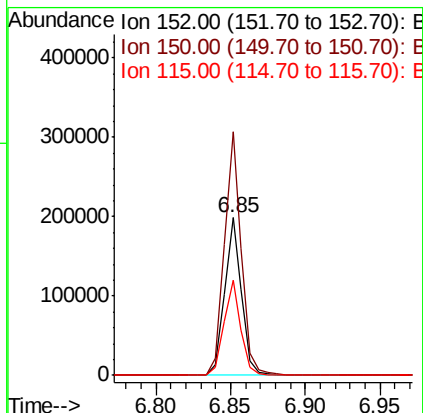
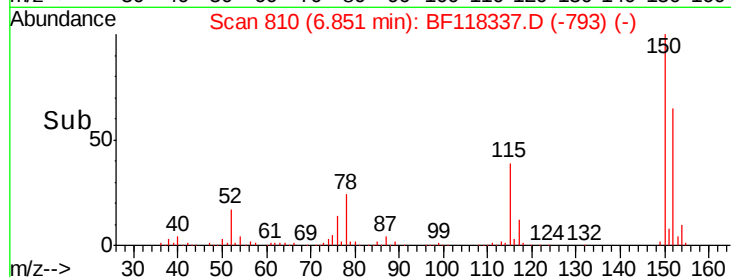
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF118337.D
Acq: 27 Dec 2019 14:53

Instrument :
BNA_F
ClientSampleId :
SB-1(0-2)

Tot Ion:152 Resp: 159458
Ion Ratio Lower Upper
152 100
150 154.7 125.4 188.2
115 60.1 50.2 75.4



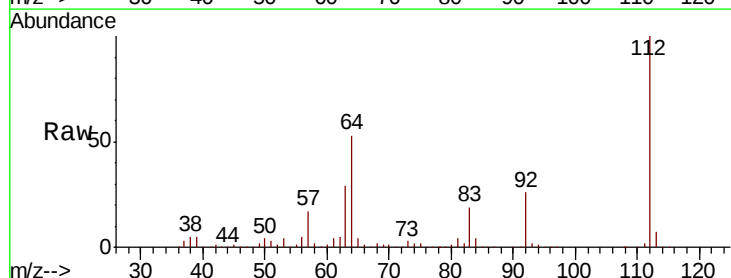
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



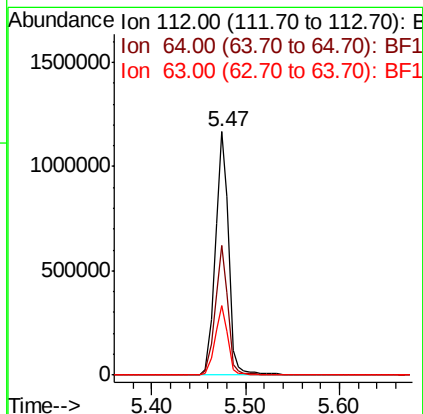
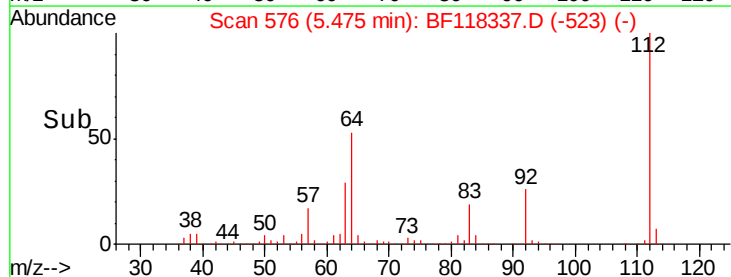
#5

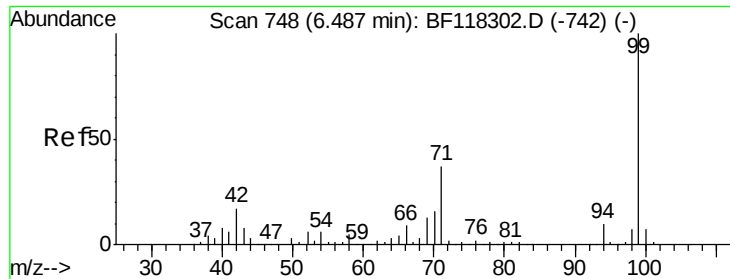
2-Fluorophenol
Concen: 124.998 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF118337.D
Acq: 27 Dec 2019 14:53

Tgt Ion:112 Resp: 1167666
Ion Ratio Lower Upper
112 100
64 53.1 39.7 59.5
63 28.5 21.7 32.5



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: 126.561 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF118337.D

Acq: 27 Dec 2019 14:53

Instrument :

BNA_F

ClientSampleId :

SB-1-(0-2)

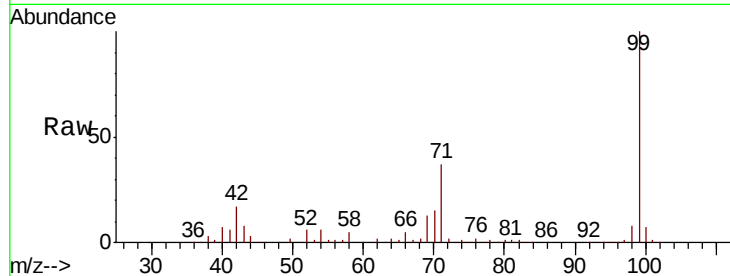
Tot Ion: 99 Resp: 1466629

Ion Ratio Lower Upper

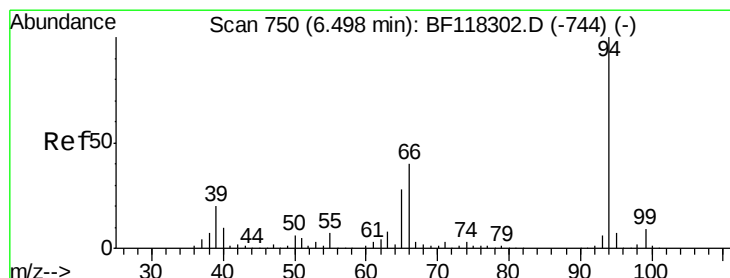
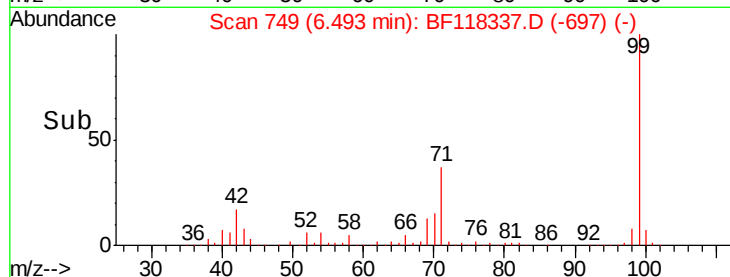
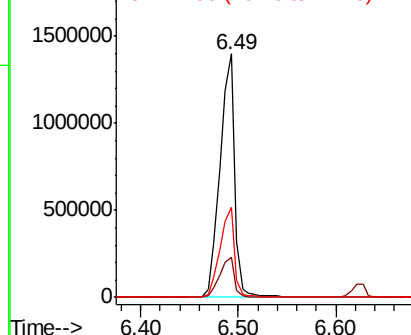
99 100

42 16.7 13.5 20.3

71 37.2 29.4 44.2



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



#10

Phenol

Concen: 2.426 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF118337.D

Acq: 27 Dec 2019 14:53

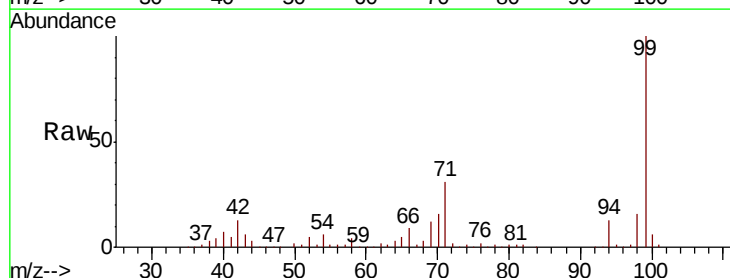
Tgt Ion: 94 Resp: 31604

Ion Ratio Lower Upper

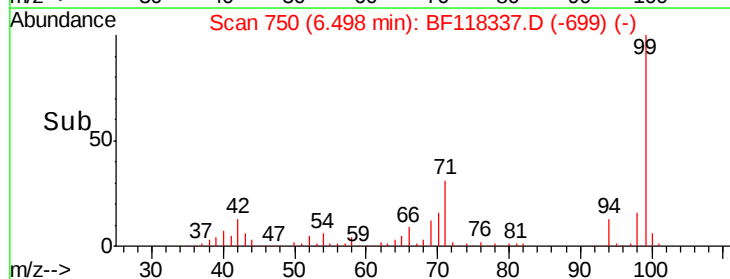
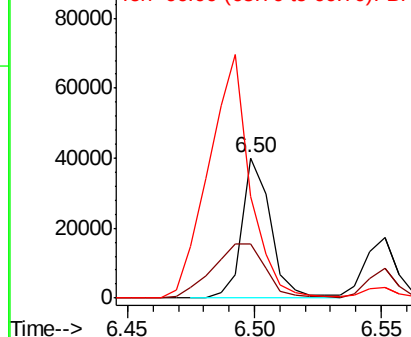
94 100

65 38.8 7.8 47.8

66 72.3 20.4 60.4#



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

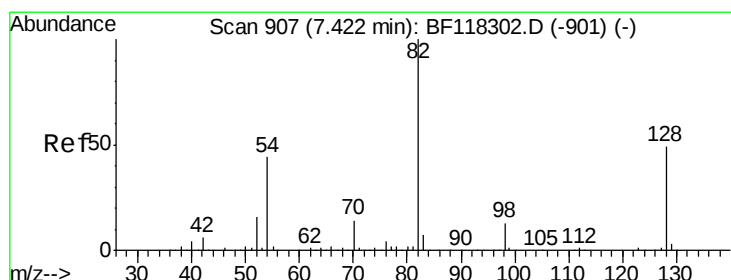
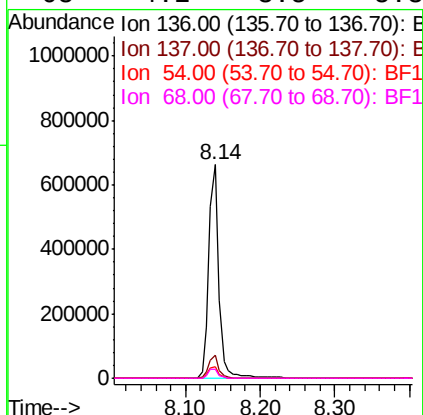
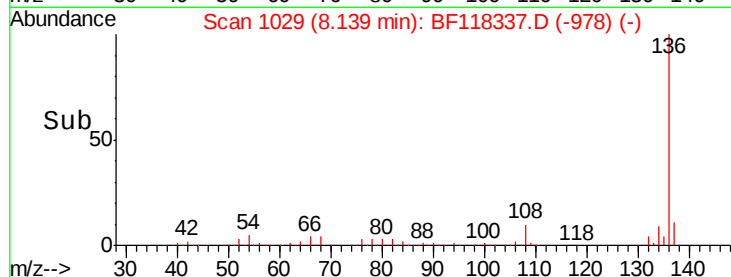
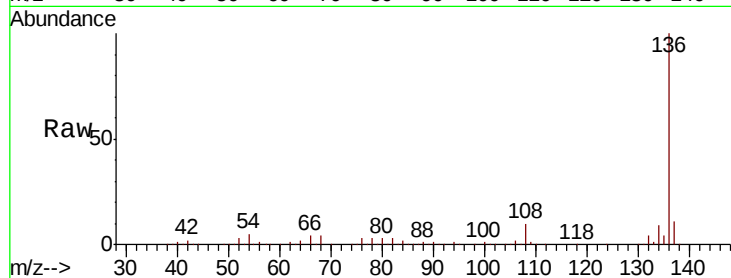




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF118337.D
Acq: 27 Dec 2019 14:53

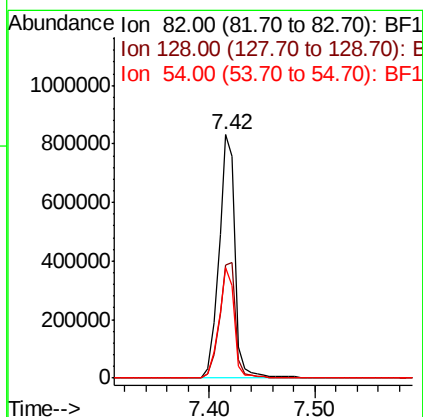
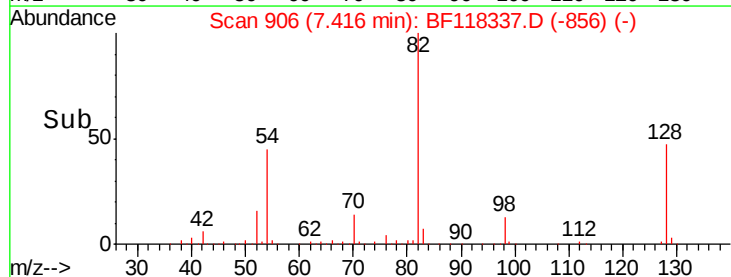
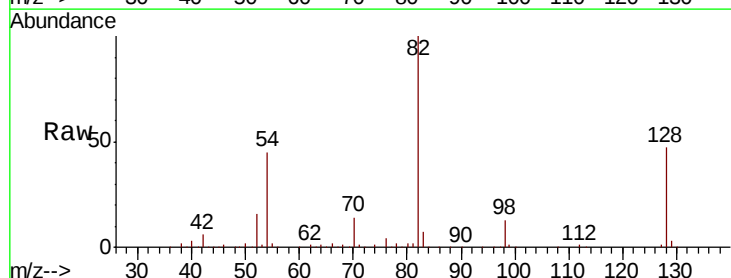
Instrument :
BNA_F
ClientSampleId :
SB-1-(0-2)

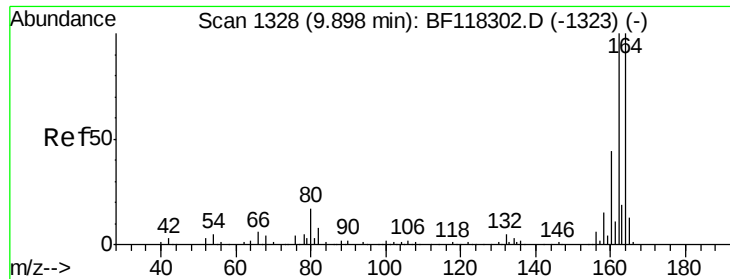
Tot Ion:136	Resp:	627223	
Ion Ratio	Lower	Upper	
136 100			
137 10.7	8.9	13.3	
54 5.3	4.2	6.4	
68 4.2	3.5	5.3	



#23
Nitrobenzene-d5
Concen: 81.663 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF118337.D
Acq: 27 Dec 2019 14:53

Tgt Ion: 82	Resp: 895546
Ion Ratio	Lower Upper
82 100	
128 46.6	39.6 59.4
54 45.2	34.9 52.3

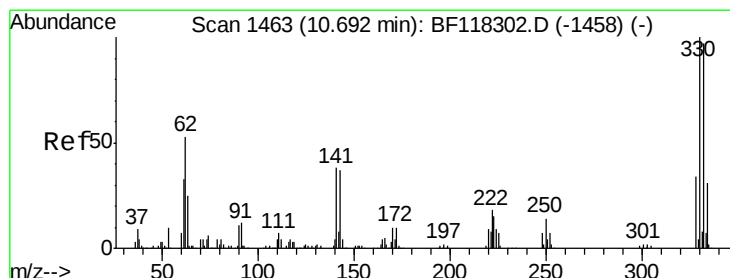
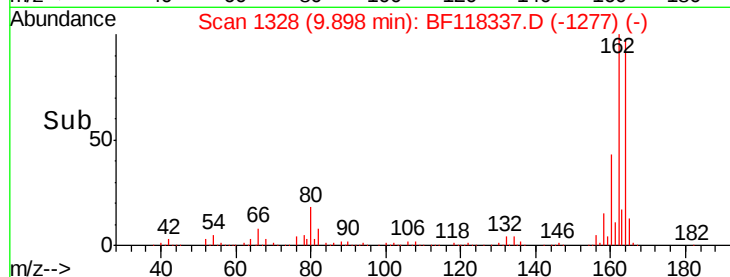
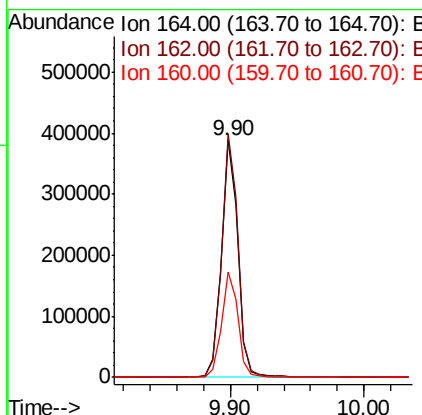
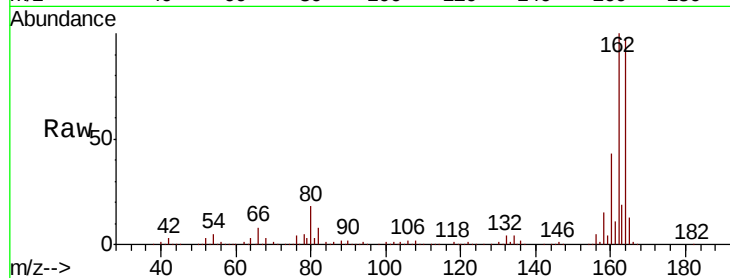




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.00 min
 Lab File: BF118337.D
 Acq: 27 Dec 2019 14:53

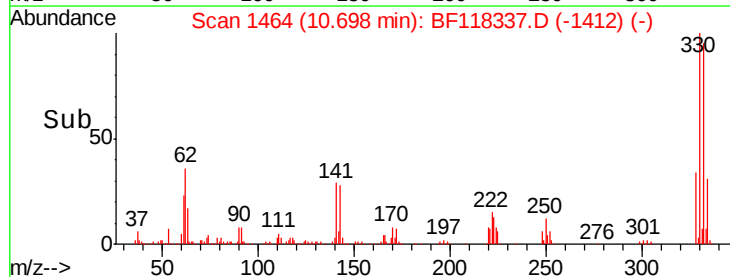
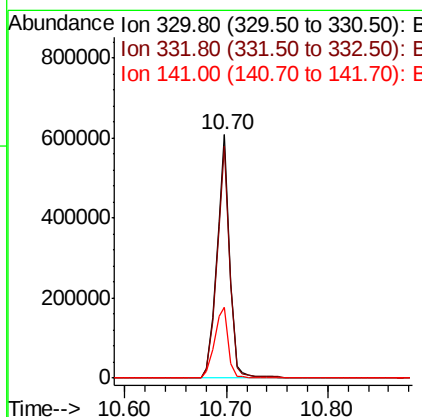
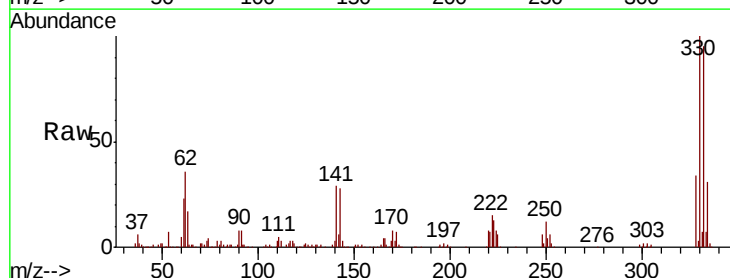
Instrument :
 BNA_F
 ClientSampleId :
 SB-1(0-2)

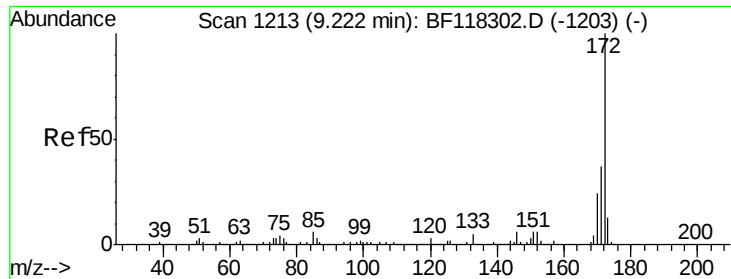
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.8	80.0	120.0
160	44.5	34.8	52.2



#42
 2,4,6-Tribromophenol
 Concen: 126.260 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.01 min
 Lab File: BF118337.D
 Acq: 27 Dec 2019 14:53

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	114.8
141	32.1	26.0	39.0

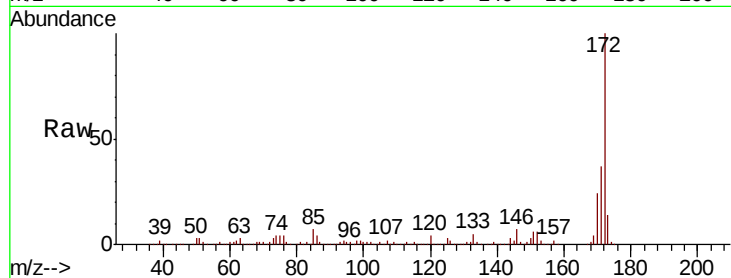




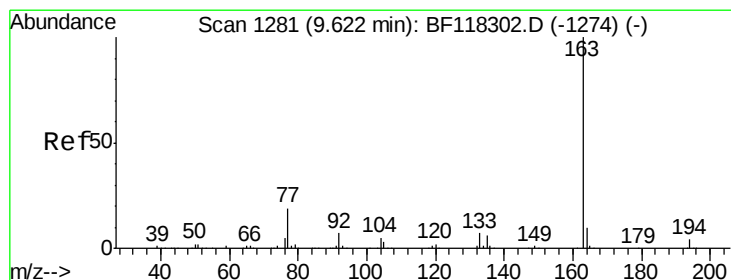
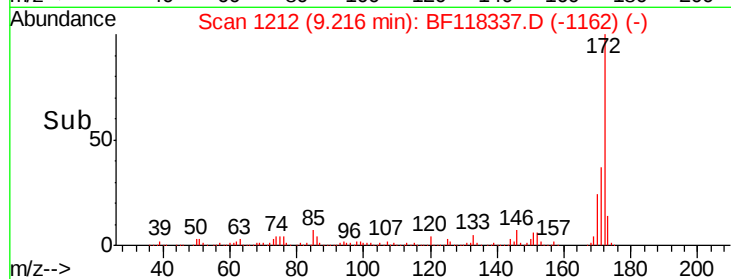
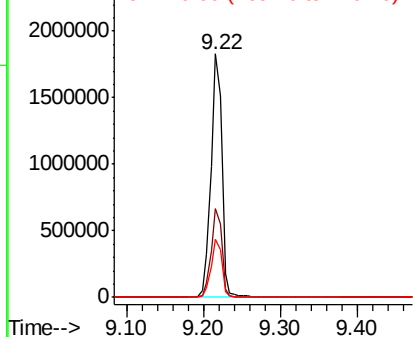
#45
2-Fluorobiphenyl
Concen: 80.171 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF118337.D
Acq: 27 Dec 2019 14:53

Instrument :
BNA_F
ClientSampleId :
SB-1-(0-2)

Tot Ion:172 Resp: 1774870
Ion Ratio Lower Upper
172 100
171 36.7 29.3 43.9
170 23.7 19.2 28.8

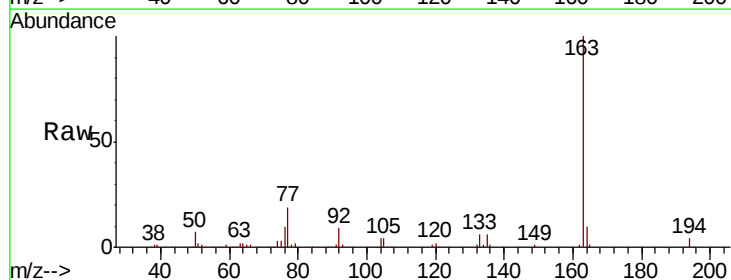


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

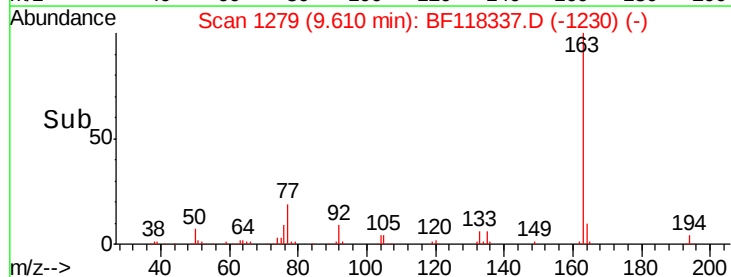
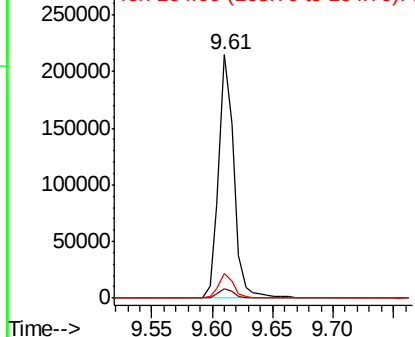


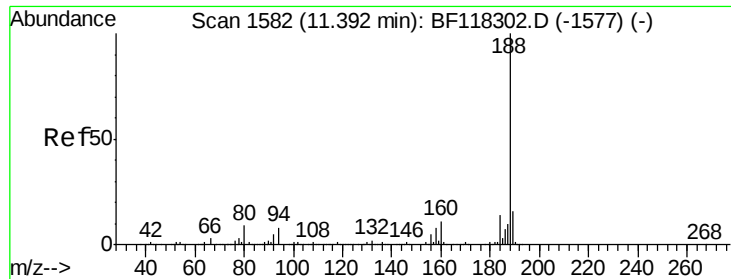
#50
Dimethylphthalate
Concen: 7.338 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF118337.D
Acq: 27 Dec 2019 14:53

Tgt Ion:163 Resp: 186132
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.0 7.9 11.9



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: 11.39 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BF118337.D

Acq: 27 Dec 2019 14:53

Instrument :

BNA_F

ClientSampleId :

SB-1(0-2)

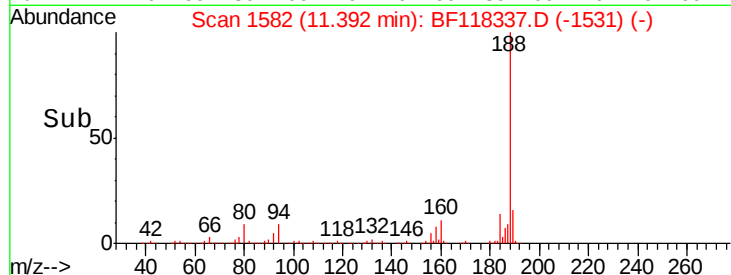
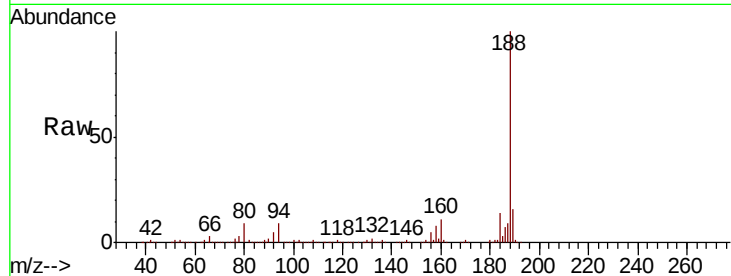
Tot Ion:188 Resp: 637772

Ion Ratio Lower Upper

188 100

94 9.2 6.7 10.1

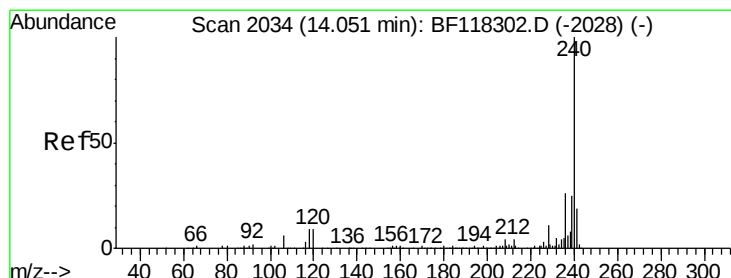
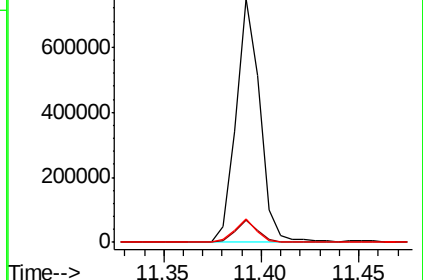
80 9.4 7.2 10.8



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: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF118337.D

Acq: 27 Dec 2019 14:53

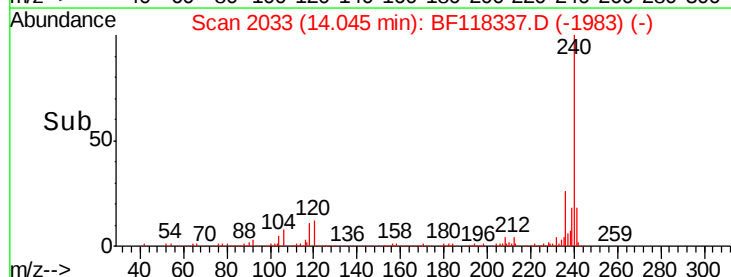
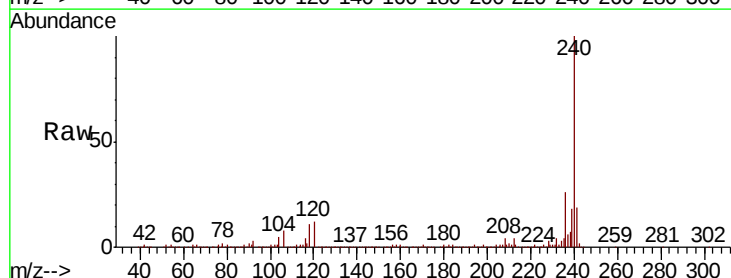
Tgt Ion:240 Resp: 451226

Ion Ratio Lower Upper

240 100

120 11.9 7.1 10.7#

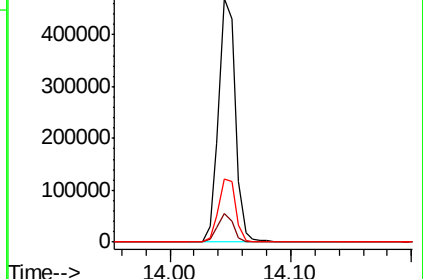
236 25.9 21.0 31.6

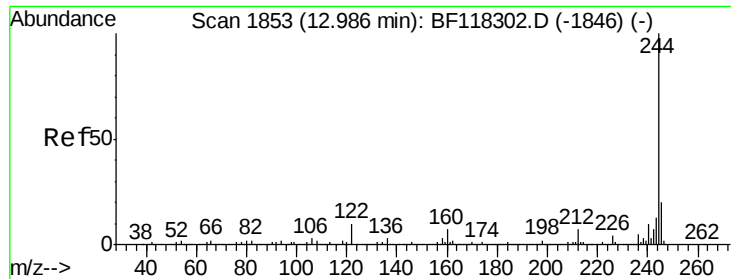


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 78.758 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF118337.D

Acq: 27 Dec 2019 14:53

Instrument :

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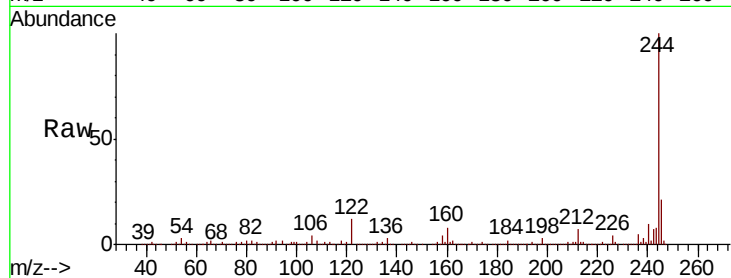
Tot Ion:244 Resp: 2142082

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.2

122 12.2 7.8 11.8#

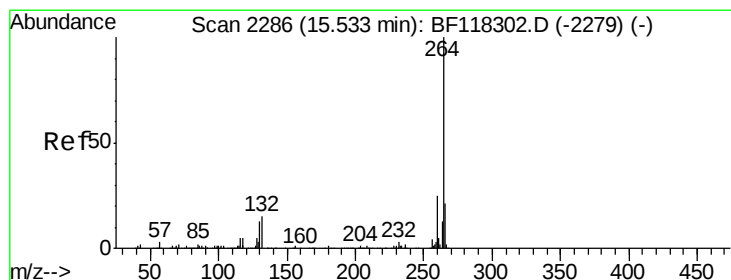
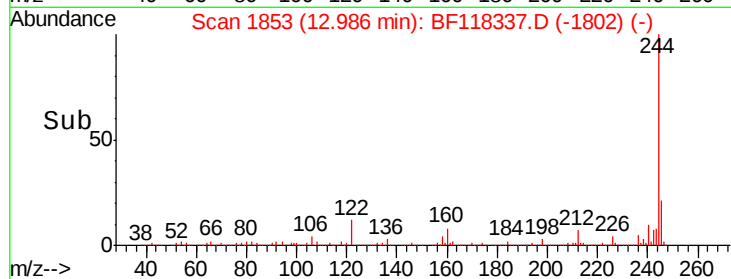
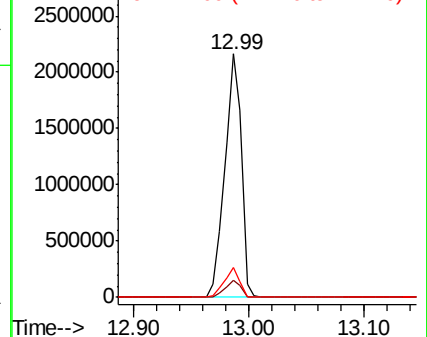


Abundance

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: 15.54 min Scan# 2287

Delta R.T. 0.01 min

Lab File: BF118337.D

Acq: 27 Dec 2019 14:53

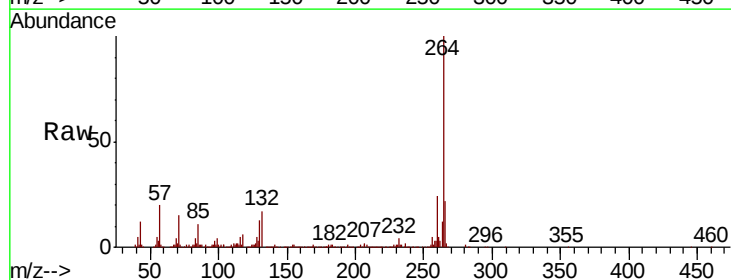
Tgt Ion:264 Resp: 422677

Ion Ratio Lower Upper

264 100

260 24.2 19.8 29.6

265 21.8 17.0 25.4



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

