

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010320\
 Data File : BF118470.D
 Acq On : 3 Jan 2020 21:30
 Operator : JU
 Sample : K6474-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02

Quant Time: Jan 04 01:21:02 2020
 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

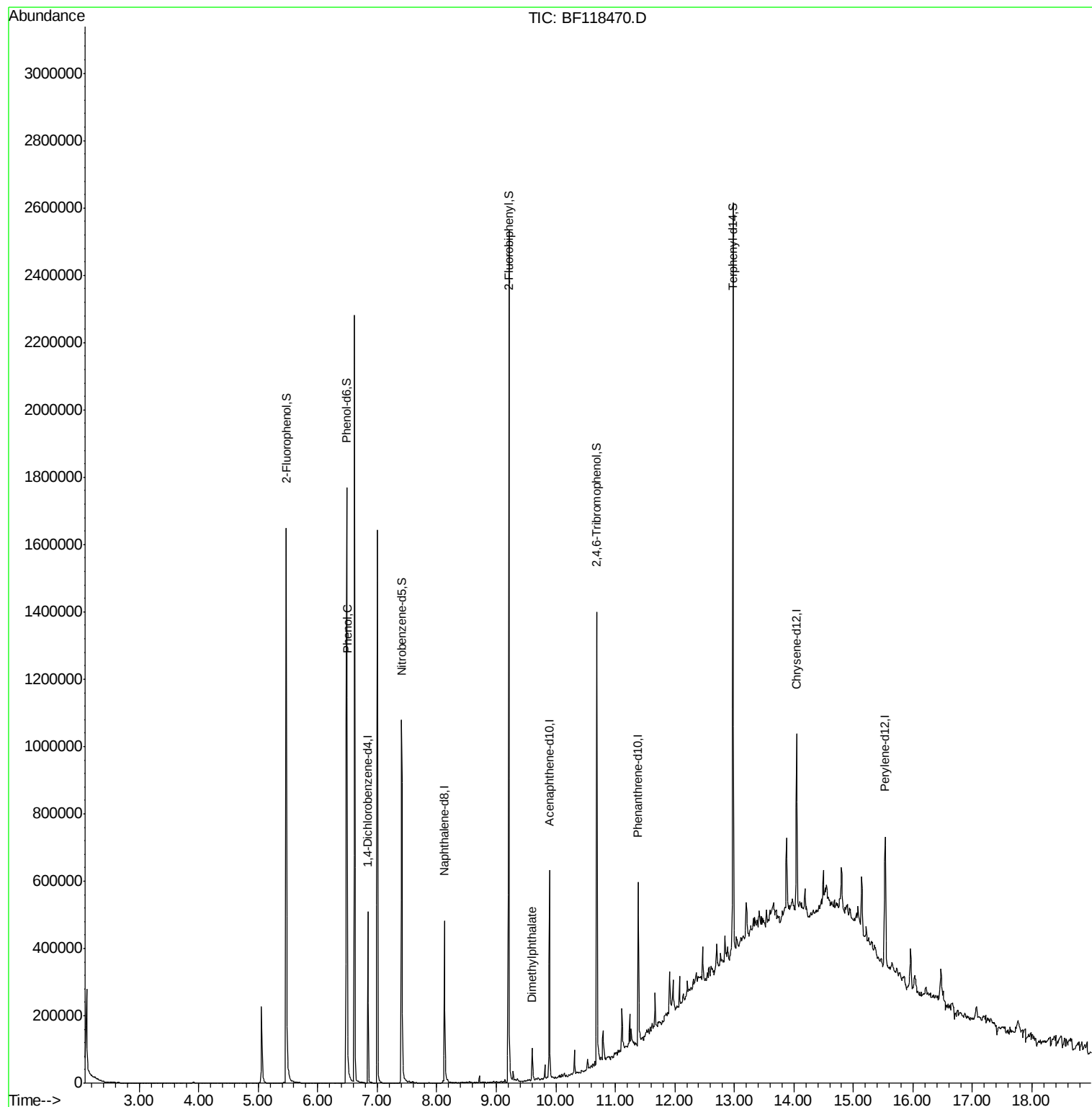
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	69719	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	244881	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	120036	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	177201	20.00	ng	0.00
76) Chrysene-d12	14.04	240	163194	20.00	ng	0.00
87) Perylene-d12	15.54	264	169604	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	537181	131.52	ng	0.01
7) Phenol-d6	6.49	99	623042	122.97	ng	0.00
23) Nitrobenzene-d5	7.41	82	380801	88.94	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	182004	122.78	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	739335	94.02	ng	-0.01
79) Terphenyl-d14	12.98	244	741022	75.33	ng	0.00
Target Compounds						
10) Phenol	6.50	94	13338	2.342	ng	Qvalue # 76
50) Dimethylphthalate	9.60	163	39199	4.350	ng	99

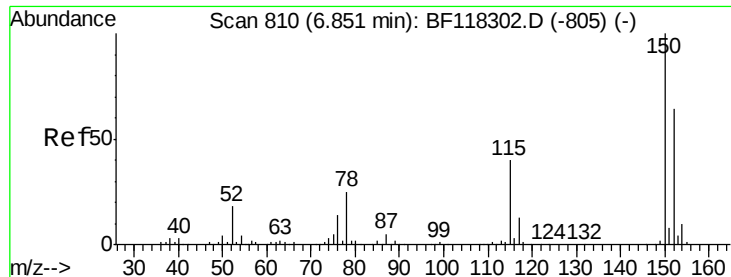
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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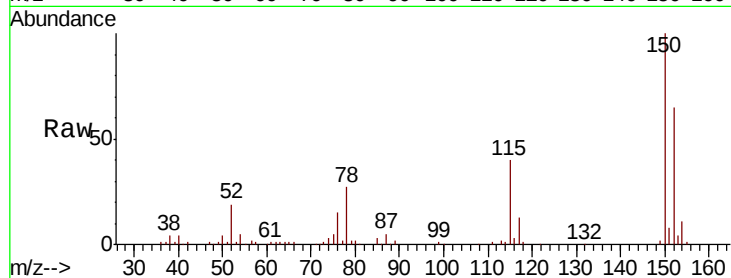


#1

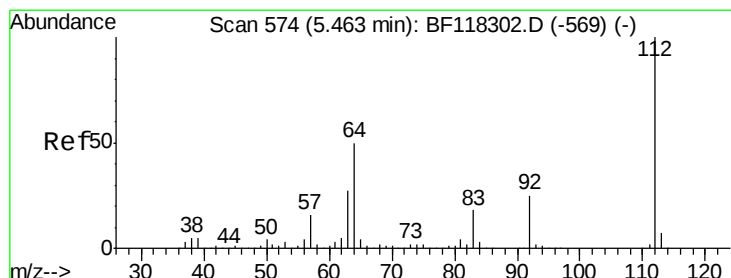
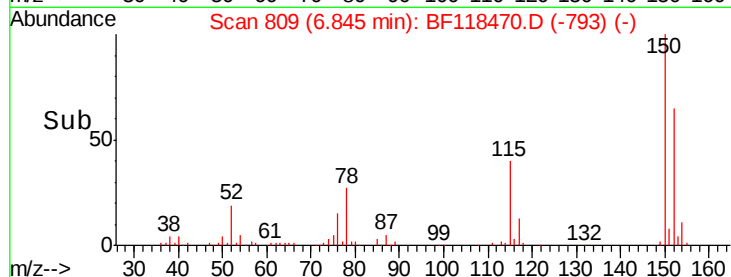
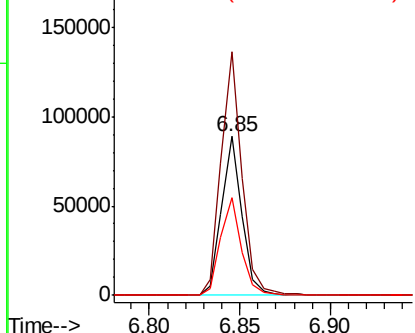
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF118470.D
 Acq: 3 Jan 2020 21:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-02

Tot Ion:152 Resp: 69719
 Ion Ratio Lower Upper
 152 100
 150 153.3 125.4 188.2
 115 61.7 50.2 75.4



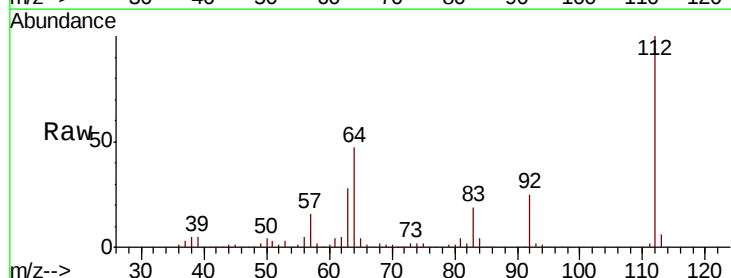
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



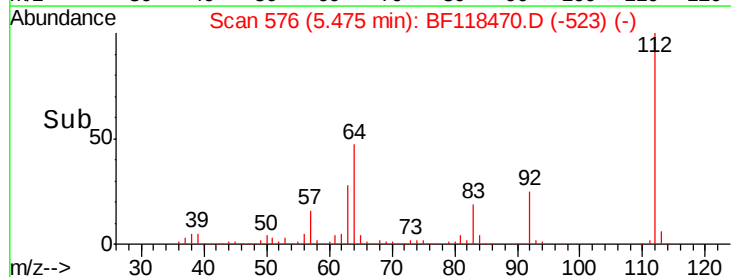
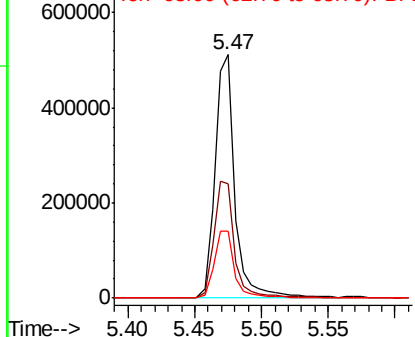
#5

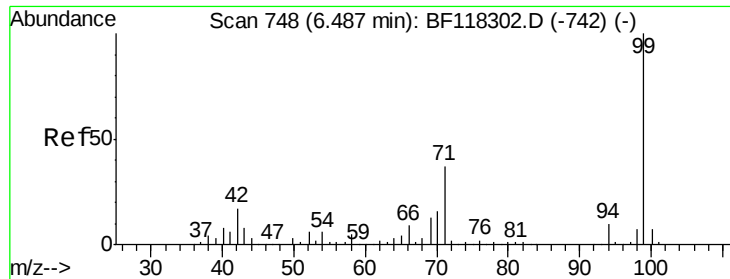
2-Fluorophenol
 Concen: 131.523 ng
 RT: 5.47 min Scan# 576
 Delta R.T. 0.01 min
 Lab File: BF118470.D
 Acq: 3 Jan 2020 21:30

Tgt Ion:112 Resp: 537181
 Ion Ratio Lower Upper
 112 100
 64 47.1 39.7 59.5
 63 27.6 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: 122.968 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF118470.D

Acq: 3 Jan 2020 21:30

Instrument :

BNA_F

ClientSampled :

SB-02

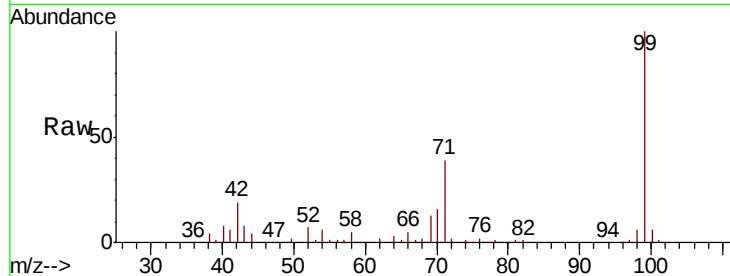
Tot Ion: 99 Resp: 623042

Ion Ratio Lower Upper

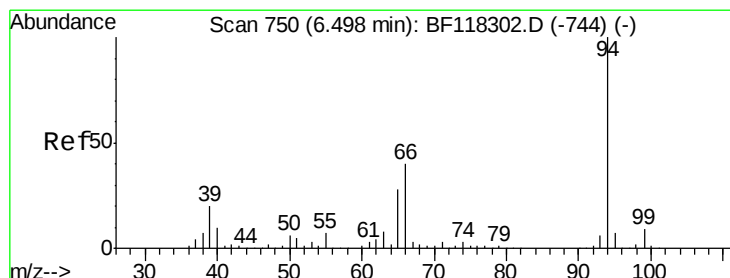
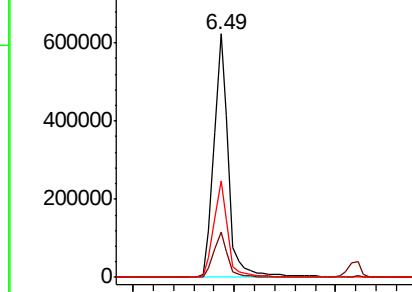
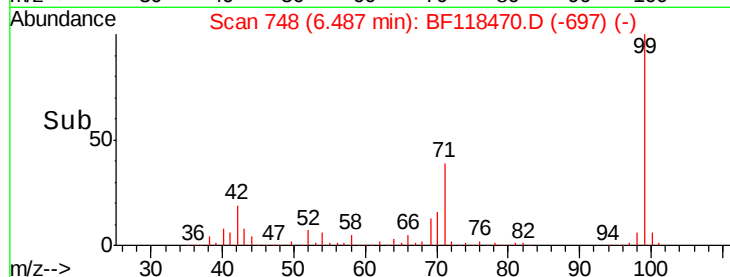
99 100

42 18.8 13.5 20.3

71 39.5 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: 2.342 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF118470.D

Acq: 3 Jan 2020 21:30

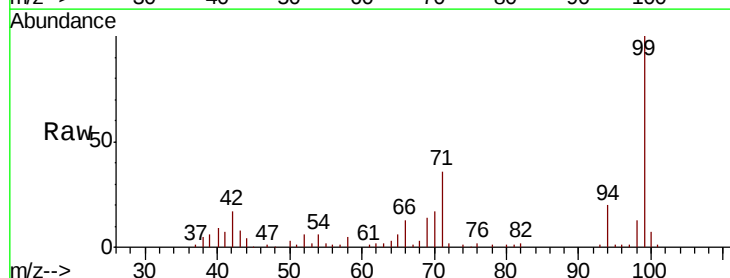
Tgt Ion: 94 Resp: 13338

Ion Ratio Lower Upper

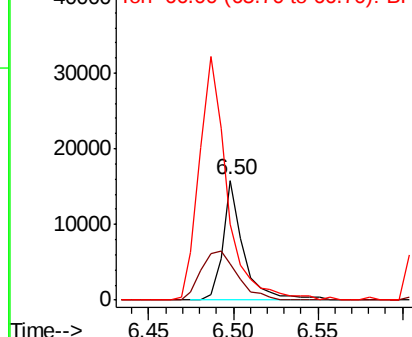
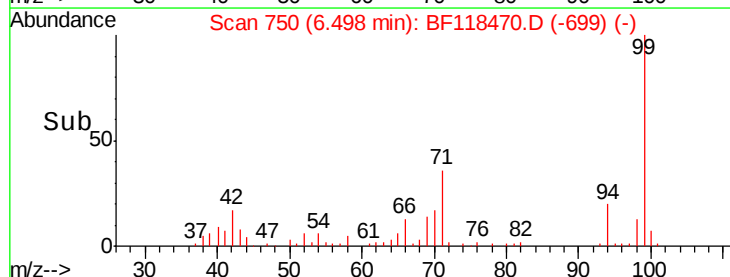
94 100

65 30.0 7.8 47.8

66 63.8 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

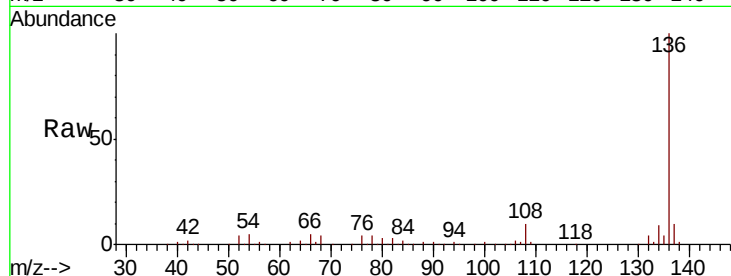




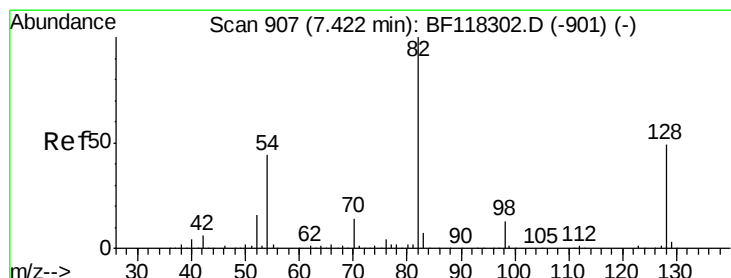
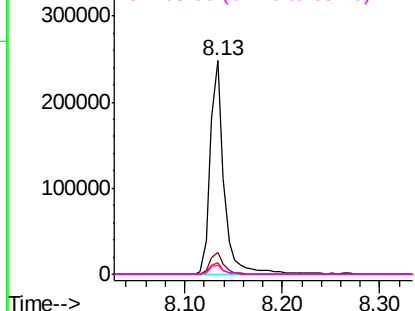
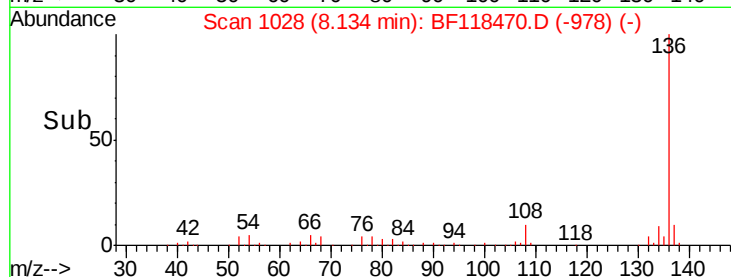
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF118470.D
Acq: 3 Jan 2020 21:30

Instrument :
BNA_F
ClientSampleId :
SB-02

Tot Ion:136	Resp:	244881
Ion	Ratio	Lower Upper
136	100	
137	10.5	8.9 13.3
54	5.3	4.2 6.4
68	4.3	3.5 5.3

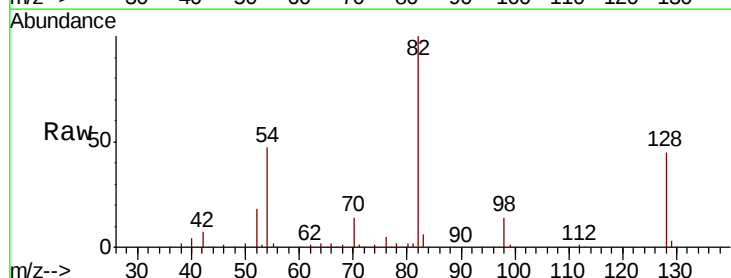


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

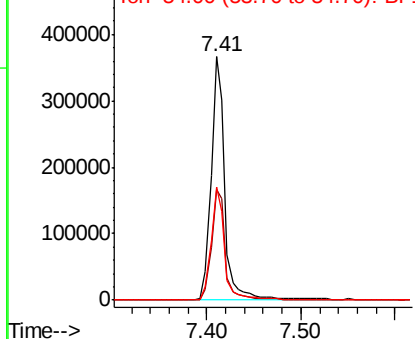
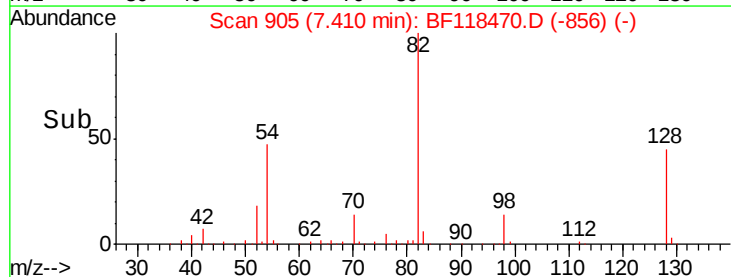


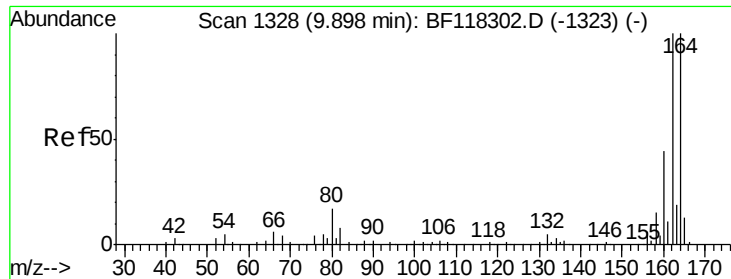
#23
Nitrobenzene-d5
Concen: 88.941 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF118470.D
Acq: 3 Jan 2020 21:30

Tgt Ion: 82	Resp:	380801
Ion	Ratio	Lower Upper
82	100	
128	45.5	39.6 59.4
54	46.7	34.9 52.3



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: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF118470.D

Acq: 3 Jan 2020 21:30

Instrument :

BNA_F

ClientSampleId :

SB-02

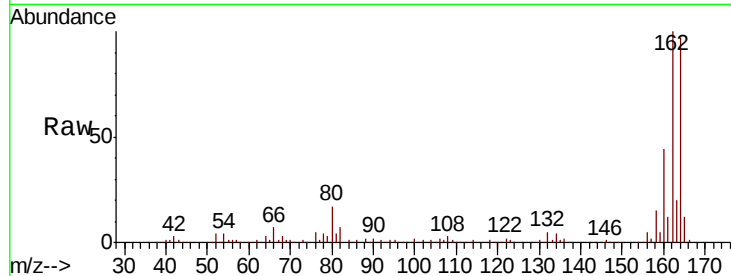
Tot Ion:164 Resp: 120036

Ion Ratio Lower Upper

164 100

162 103.4 80.0 120.0

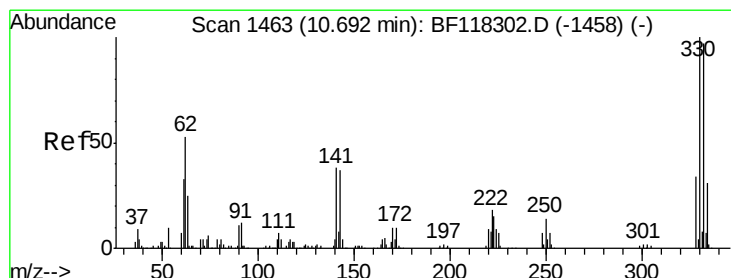
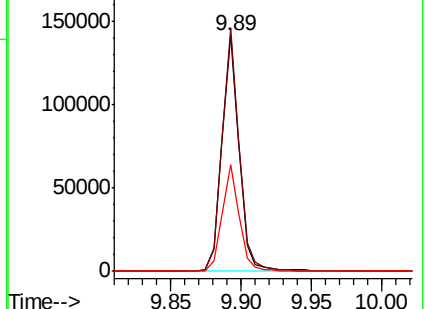
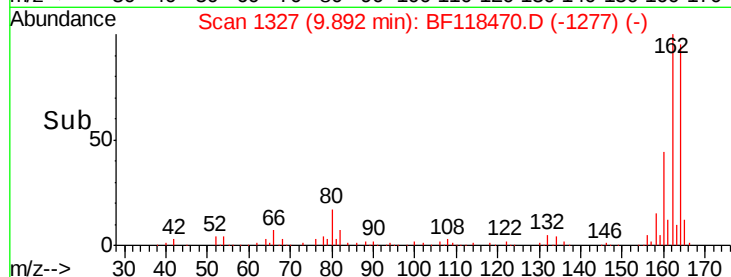
160 45.3 34.8 52.2



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: 122.780 ng

RT: 10.69 min Scan# 1463

Delta R.T. 0.00 min

Lab File: BF118470.D

Acq: 3 Jan 2020 21:30

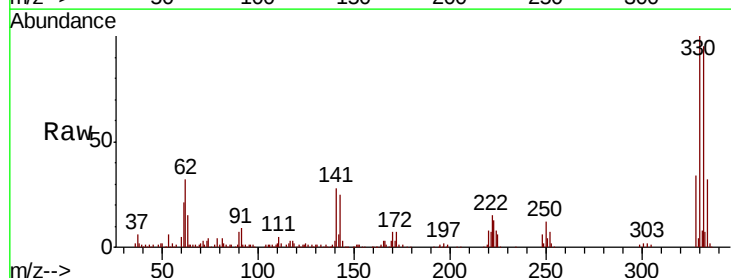
Tgt Ion:330 Resp: 182004

Ion Ratio Lower Upper

330 100

332 96.2 76.6 114.8

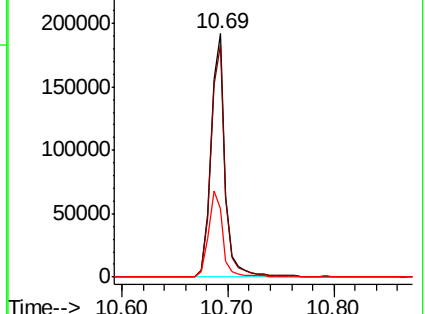
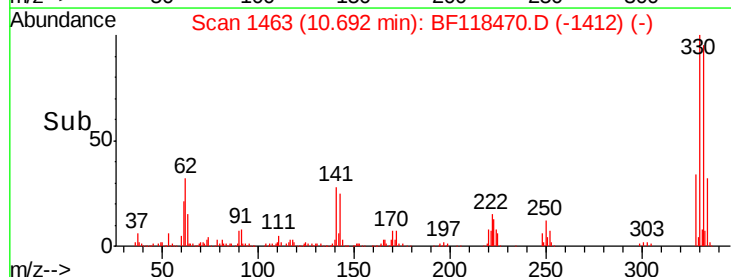
141 36.0 26.0 39.0

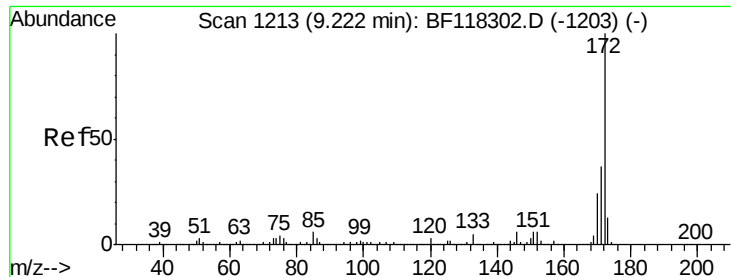


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

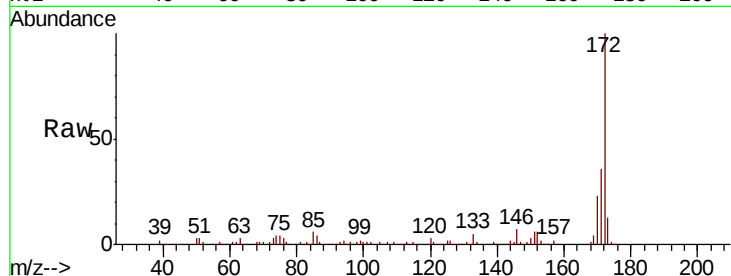




#45
2-Fluorobiphenyl
Concen: 94.020 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF118470.D
Acq: 3 Jan 2020 21:30

Instrument :
BNA_F
ClientSampled :
SB-02

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.3	43.9
170	23.0	19.2	28.8

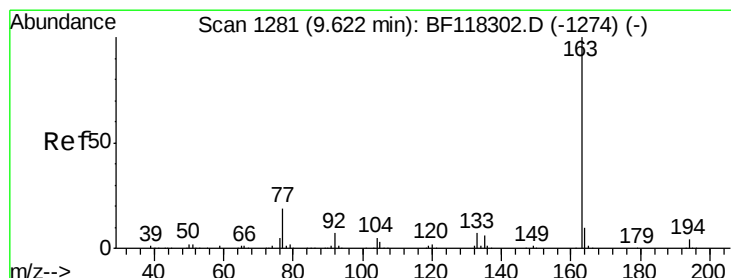
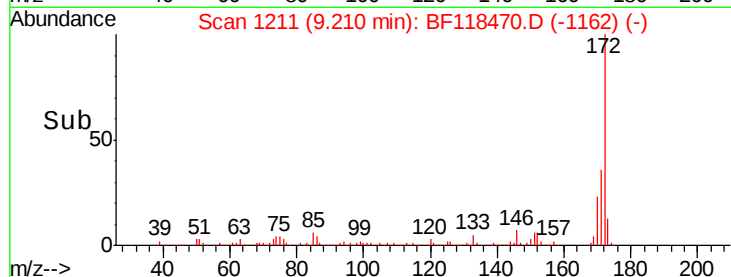
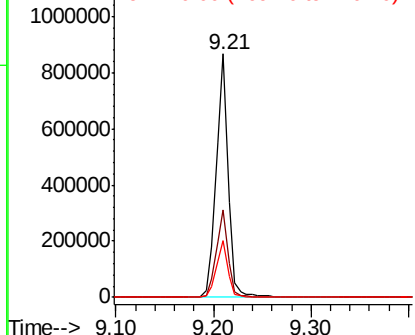


Abundance

Ion 172.00 (171.70 to 172.70): E

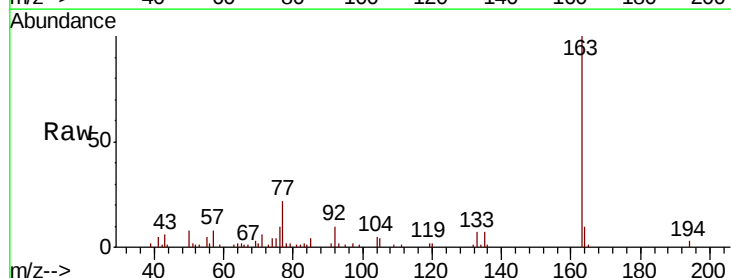
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 4.350 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF118470.D
Acq: 3 Jan 2020 21:30

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.2	4.8
164	9.9	7.9	11.9

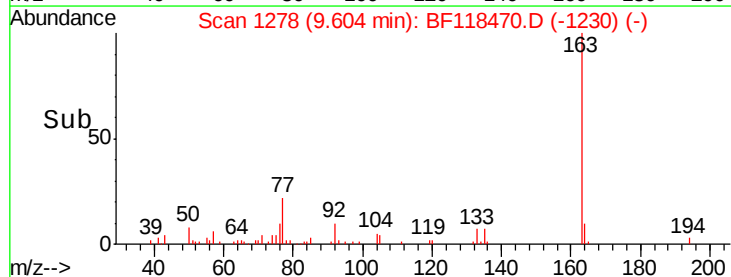
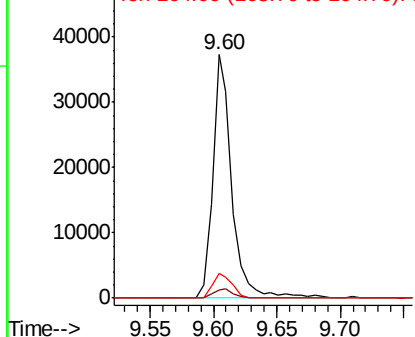


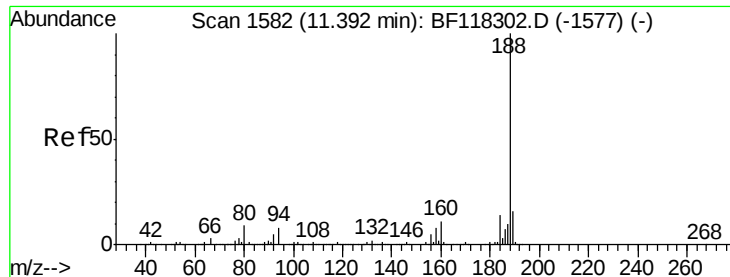
Abundance

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

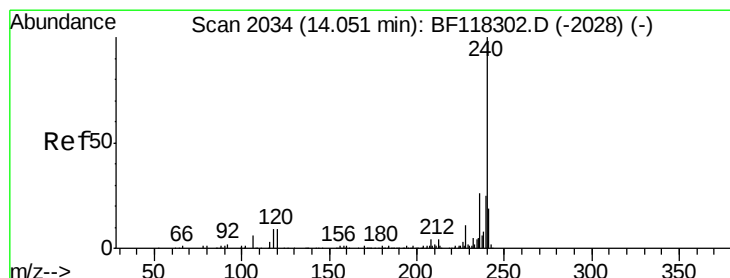
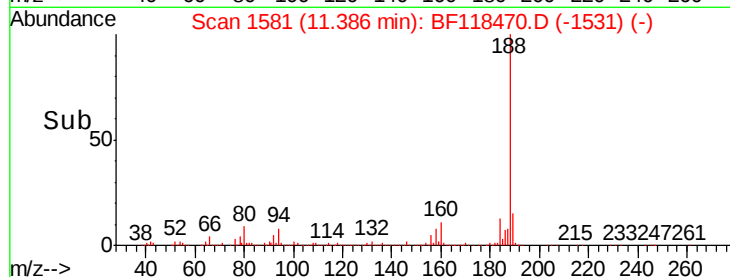
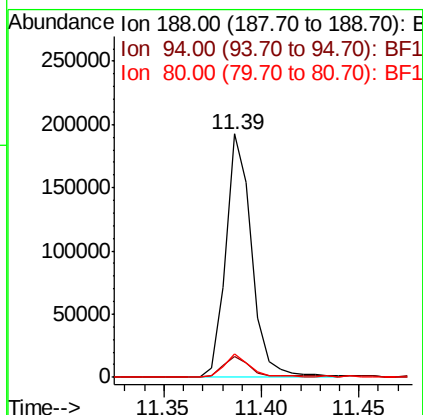
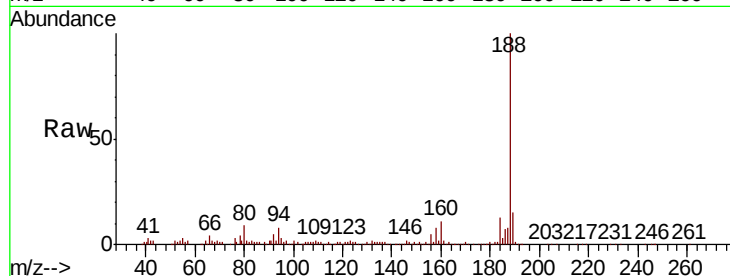




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF118470.D
Acq: 3 Jan 2020 21:30

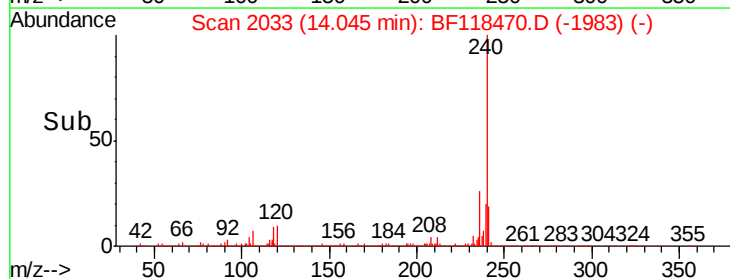
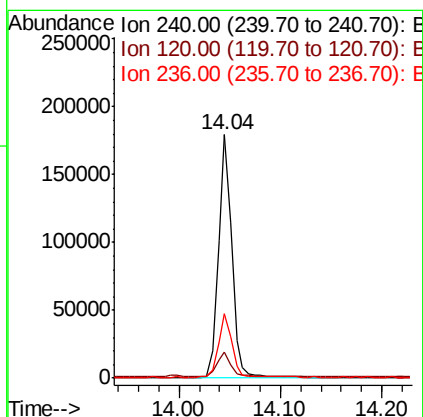
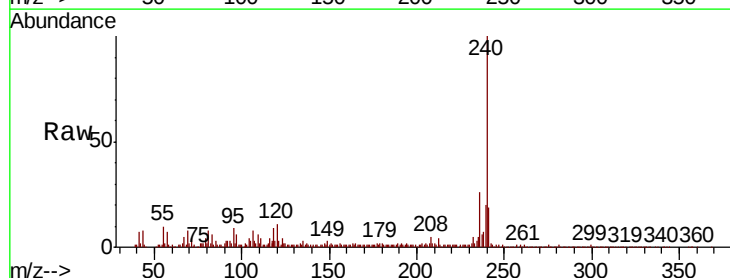
Instrument :
BNA_F
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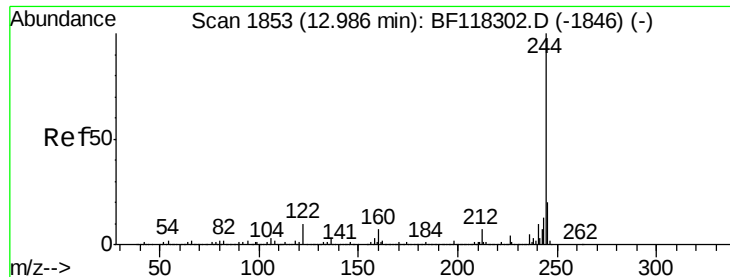
Tot Ion:188 Resp: 177201
Ion Ratio Lower Upper
188 100
94 8.5 6.7 10.1
80 9.4 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF118470.D
Acq: 3 Jan 2020 21:30

Tgt Ion:240 Resp: 163194
Ion Ratio Lower Upper
240 100
120 10.8 7.1 10.7#
236 26.3 21.0 31.6





#79

Terphenyl-d14

Concen: 75.332 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF118470.D

Acq: 3 Jan 2020 21:30

Instrument :

BNA_F

ClientSampled :

SB-02

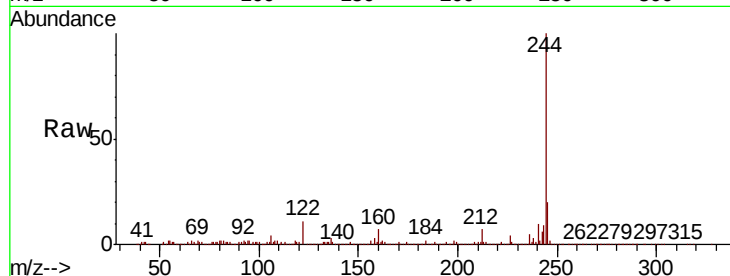
Tot Ion:244 Resp: 741022

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

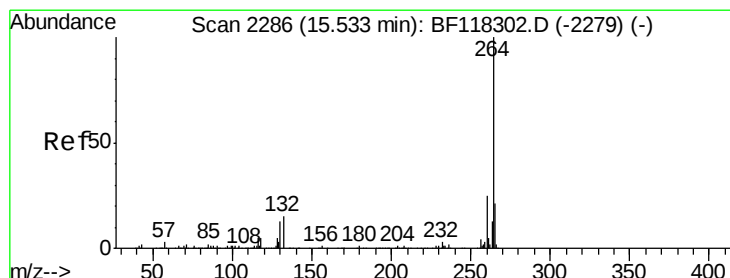
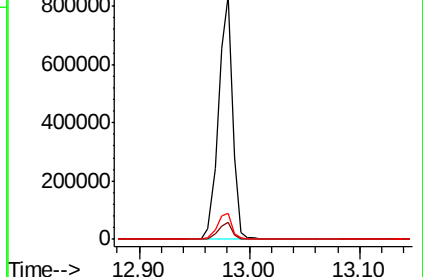
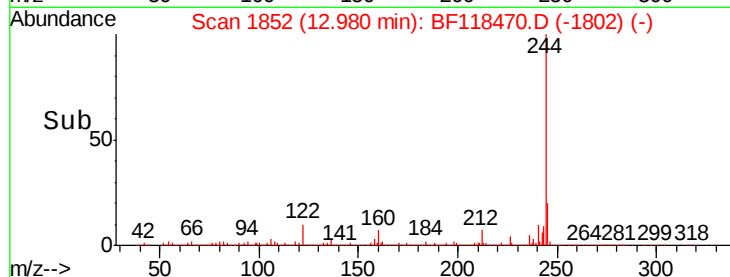
122 10.6 7.8 11.8



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: BF118470.D

Acq: 3 Jan 2020 21:30

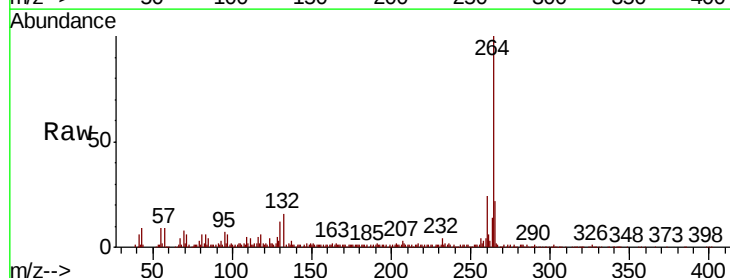
Tgt Ion:264 Resp: 169604

Ion Ratio Lower Upper

264 100

260 23.6 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

