

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013120\
 Data File : BF118781.D
 Acq On : 31 Jan 2020 14:55
 Operator : CG/JU
 Sample : L1325-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 346

Quant Time: Jan 31 22:39:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 27 14:24:10 2020
 Response via : Initial Calibration

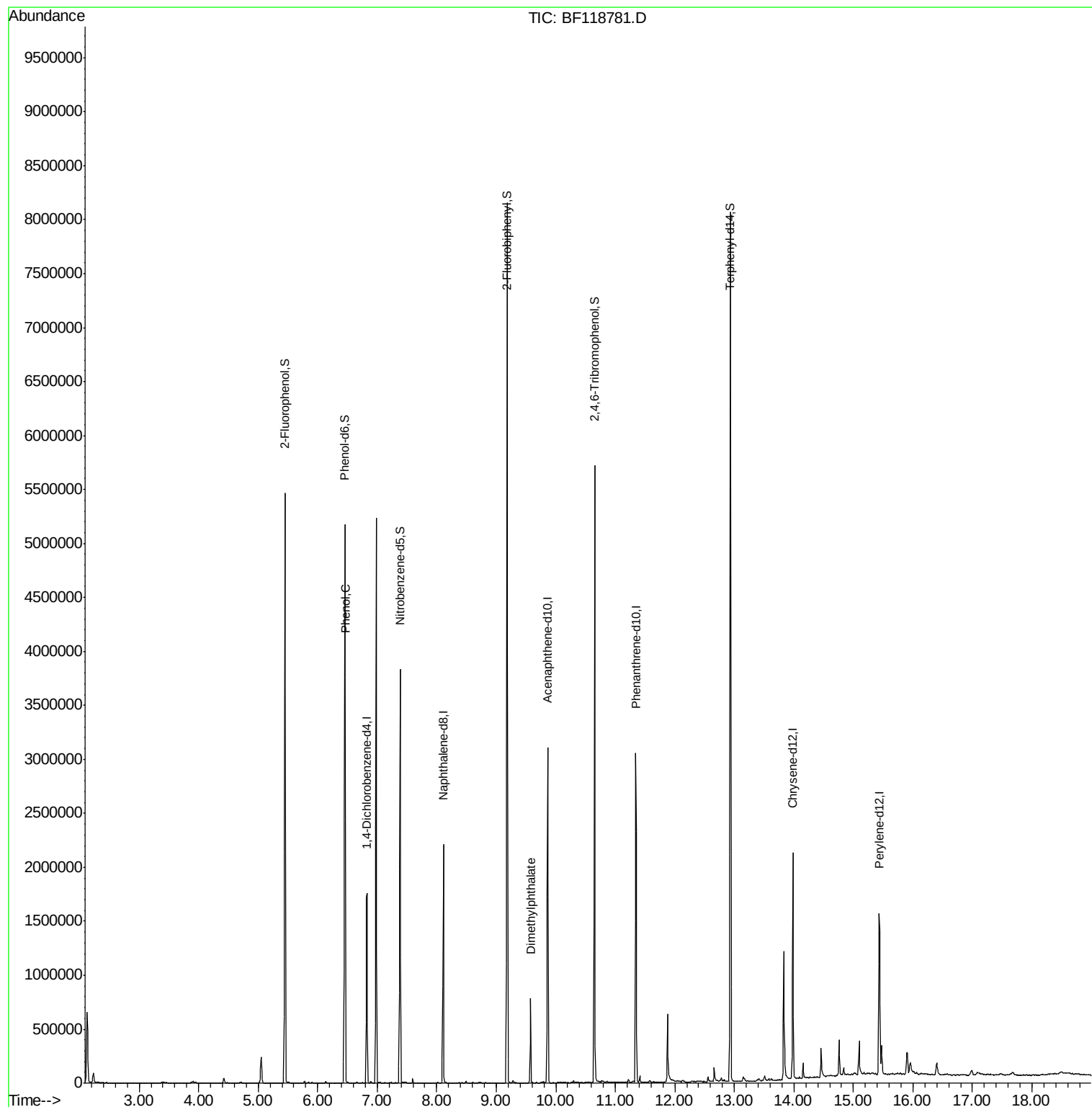
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	292995	20.00	ng	-0.04
21) Naphthalene-d8	8.11	136	1111176	20.00	ng	-0.04
39) Acenaphthene-d10	9.86	164	619508	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	1132918	20.00	ng	-0.04
76) Chrysene-d12	13.98	240	720477	20.00	ng	-0.04
87) Perylene-d12	15.43	264	719445	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1720312	109.05	ng	-0.03
7) Phenol-d6	6.46	99	2130390	103.90	ng	-0.04
23) Nitrobenzene-d5	7.39	82	1388678	69.90	ng	-0.04
42) 2,4,6-Tribromophenol	10.65	330	782285	109.18	ng	-0.04
45) 2-Fluorobiphenyl	9.19	172	2739490	72.68	ng	-0.04
79) Terphenyl-d14	12.93	244	3154713	95.50	ng	-0.03
Target Compounds						
10) Phenol	6.47	94	101526	4.345	ng	94
50) Dimethylphthalate	9.57	163	290641	7.201	ng	99

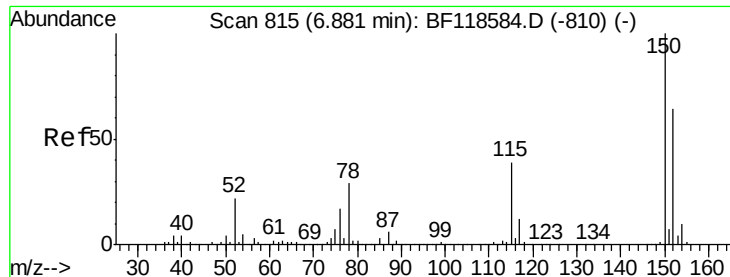
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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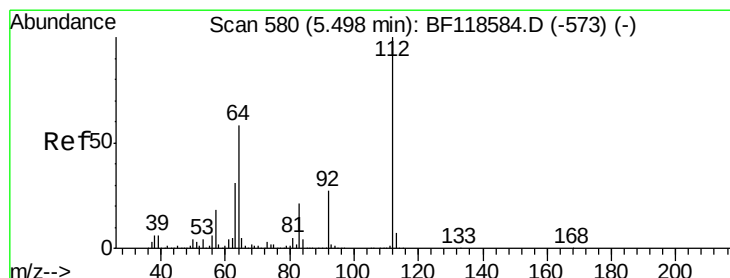
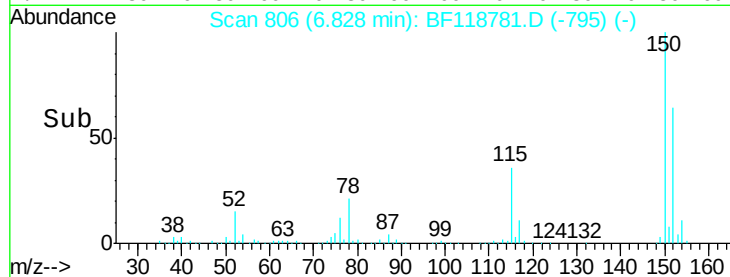
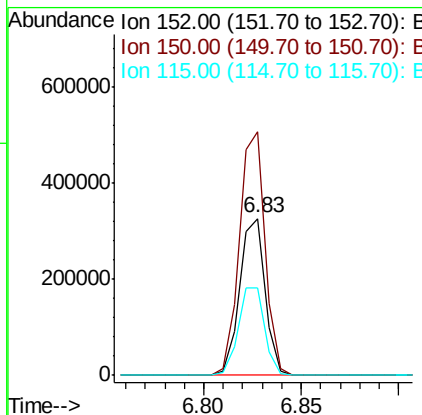
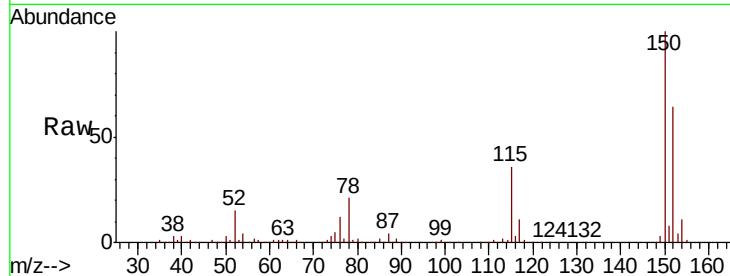


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.04 min
Lab File: BF118781.D
Acq: 31 Jan 2020 14:55

Instrument :
BNA_F
ClientSampleId :
346

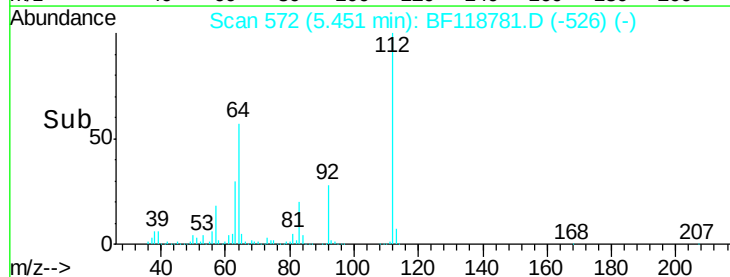
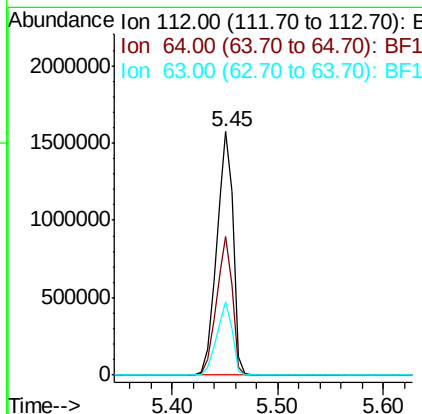
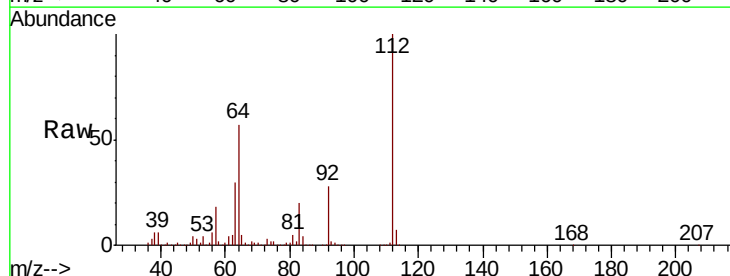
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	123.7	185.5
115	55.8	45.1	67.7

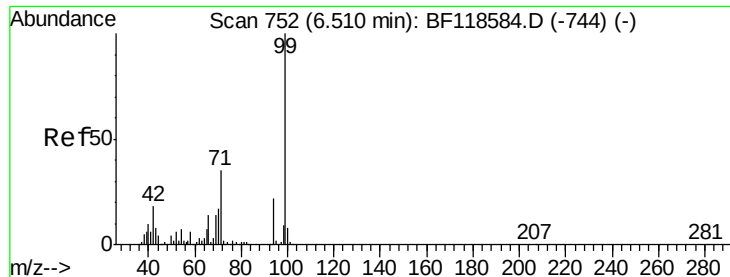


#5

2-Fluorophenol
Concen: 109.048 ng
RT: 5.45 min Scan# 572
Delta R.T. -0.03 min
Lab File: BF118781.D
Acq: 31 Jan 2020 14:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.2	42.4	63.6
63	30.1	21.7	32.5





#7

Phenol-d6

Concen: 103.899 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.04 min

Lab File: BF118781.D

Acq: 31 Jan 2020 14:55

Instrument :

BNA_F

ClientSampled :

346

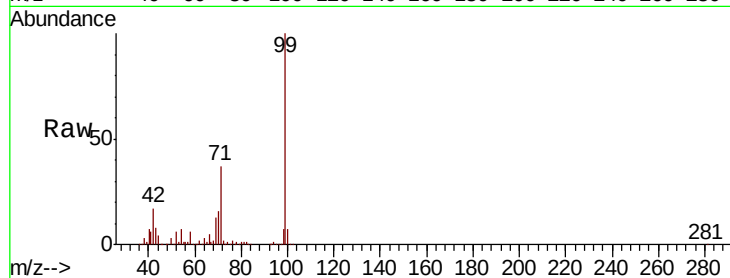
Tot Ion: 99 Resp: 2130390

Ion Ratio Lower Upper

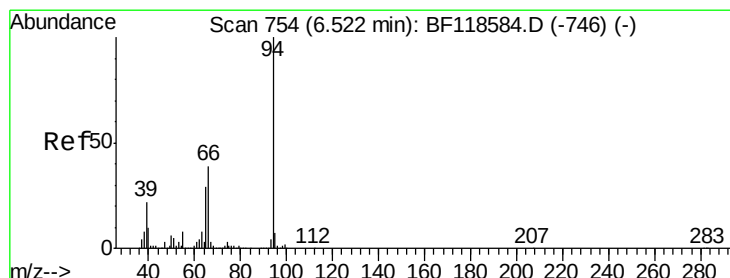
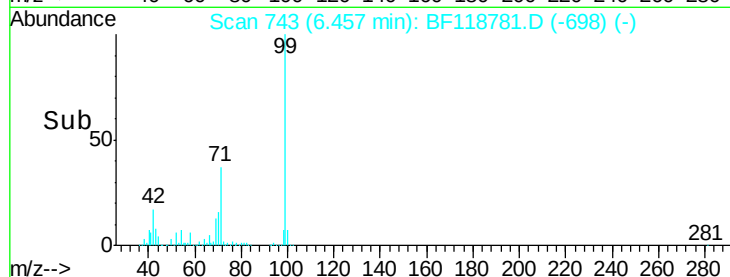
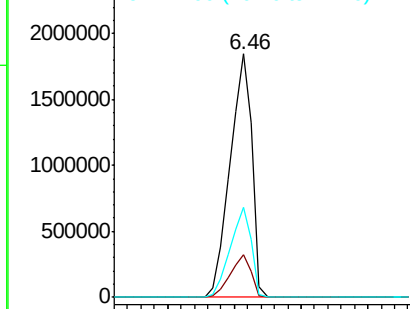
99 100

42 17.3 13.1 19.7

71 37.0 28.4 42.6



Abundance Ion 99.00 (98.70 to 99.70): BF1
2500000
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 4.345 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.04 min

Lab File: BF118781.D

Acq: 31 Jan 2020 14:55

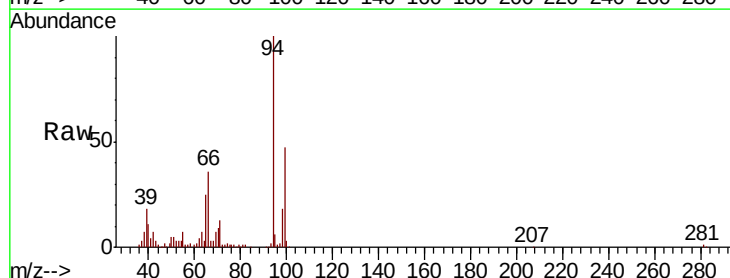
Tgt Ion: 94 Resp: 101526

Ion Ratio Lower Upper

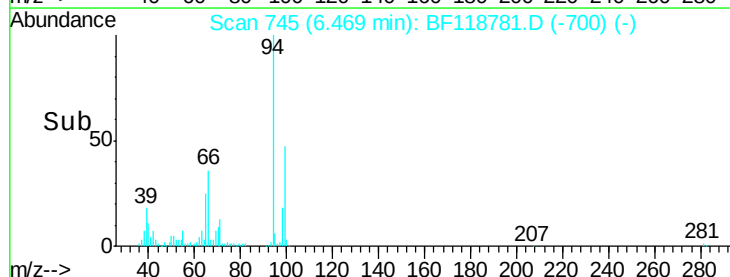
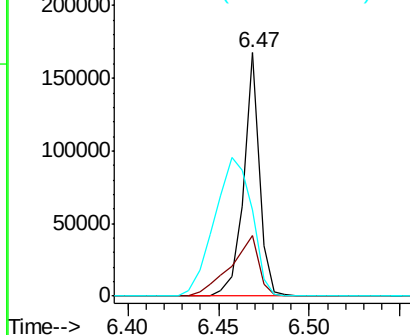
94 100

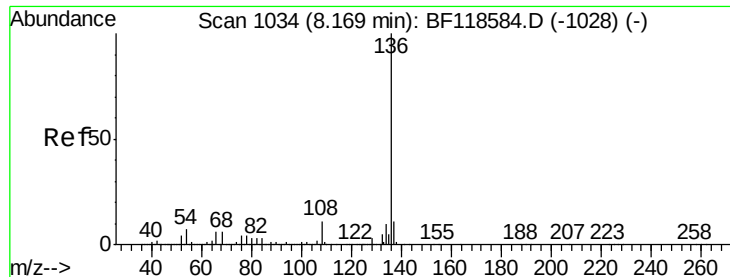
65 24.9 7.9 47.9

66 35.6 19.1 59.1



Abundance Ion 94.00 (93.70 to 94.70): BF1
200000
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

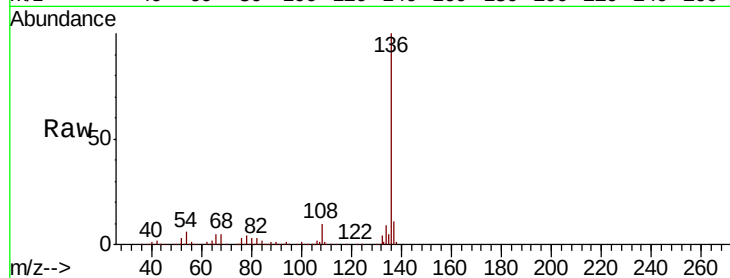




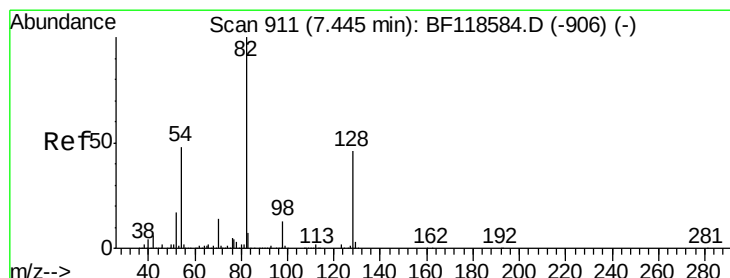
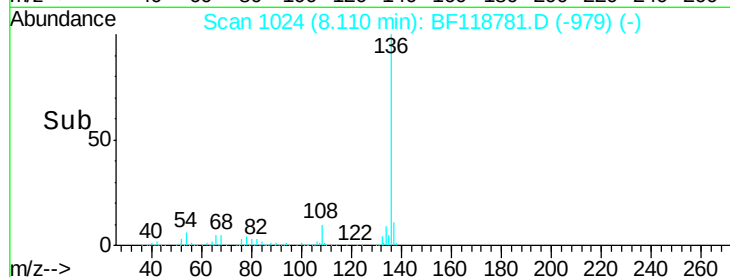
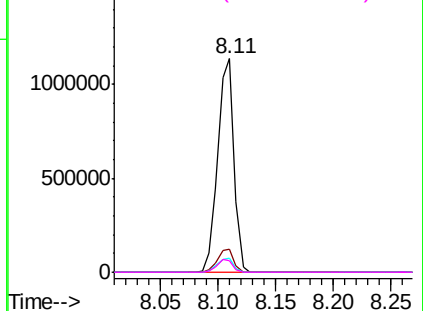
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.04 min
Lab File: BF118781.D
Acq: 31 Jan 2020 14:55

Instrument :
BNA_F
ClientSampleId :
346

Tot Ion:136	Resp: 1111176
Ion Ratio	Lower Upper
136 100	
137 10.8	8.9 13.3
54 6.5	5.1 7.7
68 5.4	4.3 6.5

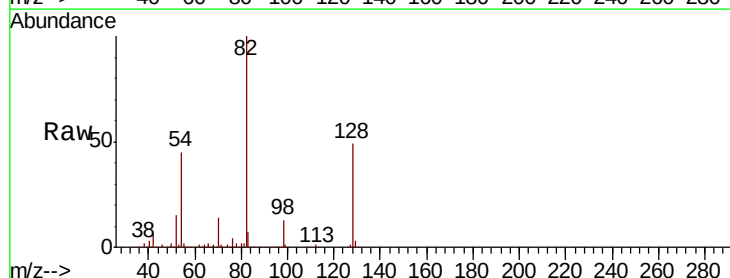


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

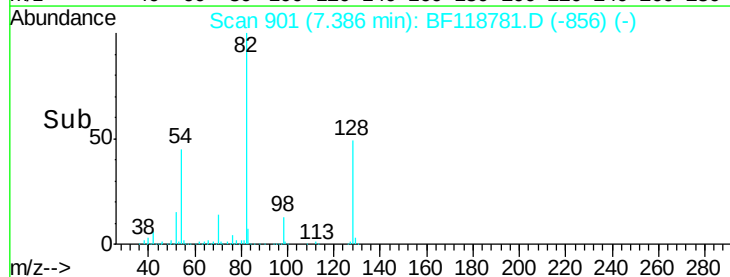
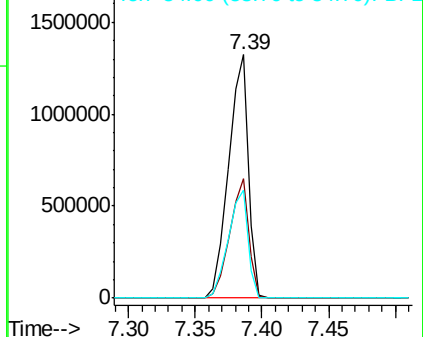


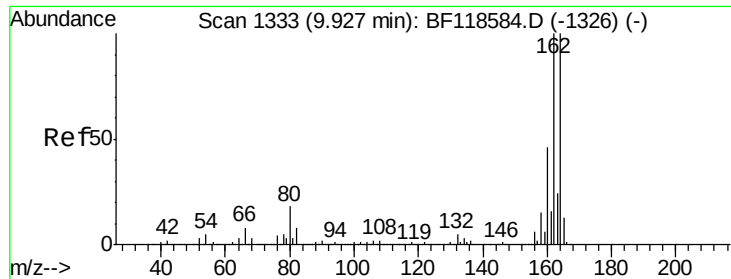
#23
Nitrobenzene-d5
Concen: 69.903 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.04 min
Lab File: BF118781.D
Acq: 31 Jan 2020 14:55

Tgt	Ion: 82	Resp: 1388678	
Ion	Ratio	Lower	Upper
82	100		
128	49.2	38.2	57.2
54	44.6	36.1	54.1



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

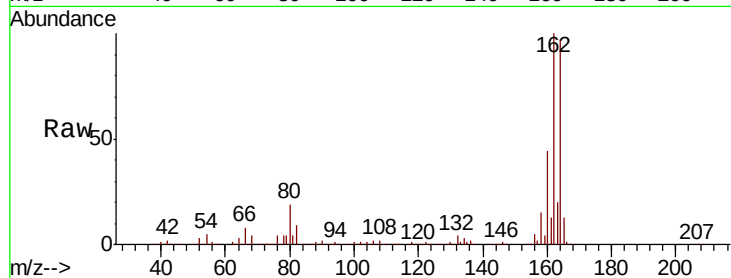




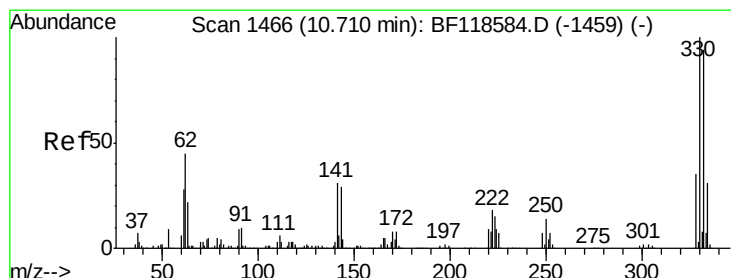
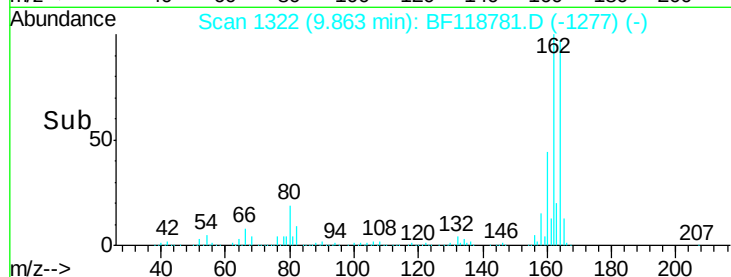
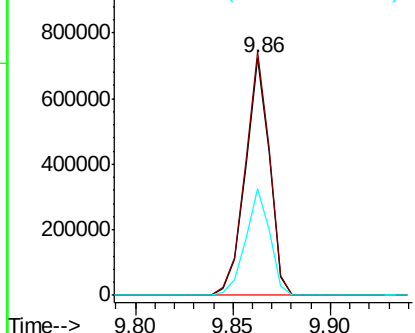
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.04 min
 Lab File: BF118781.D
 Acq: 31 Jan 2020 14:55

Instrument :
 BNA_F
 ClientSampled :
 346

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.6	80.8	121.2
160	44.9	35.4	53.0

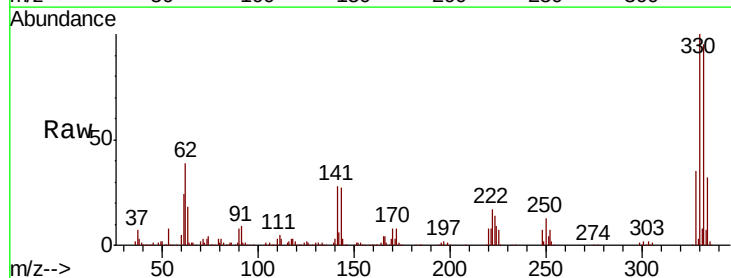


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

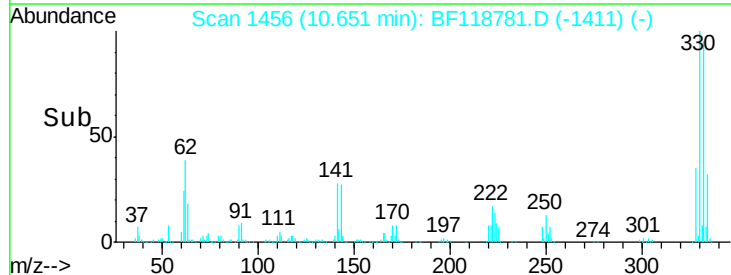
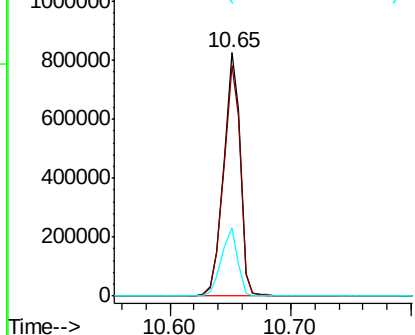


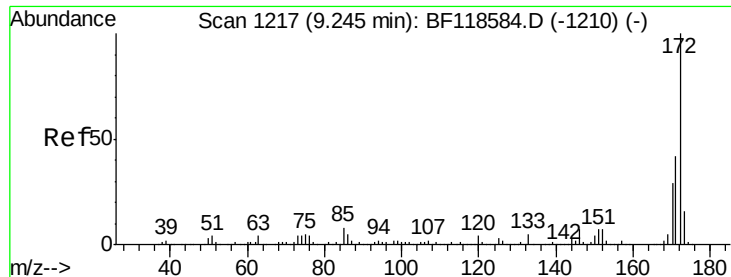
#42
 2,4,6-Tribromophenol
 Concen: 109.175 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.04 min
 Lab File: BF118781.D
 Acq: 31 Jan 2020 14:55

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.6	116.4
141	27.5	22.2	33.2



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



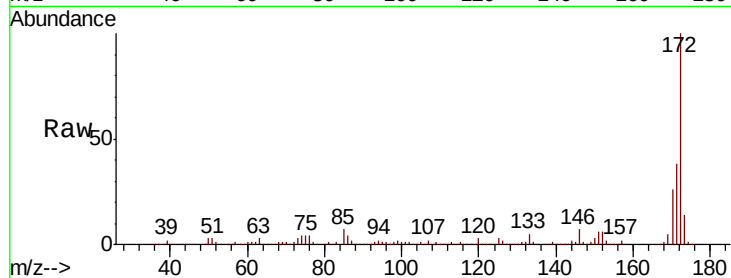


#45
 2-Fluorobiphenyl
 Concen: 72.681 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.04 min
 Lab File: BF118781.D
 Acq: 31 Jan 2020 14:55

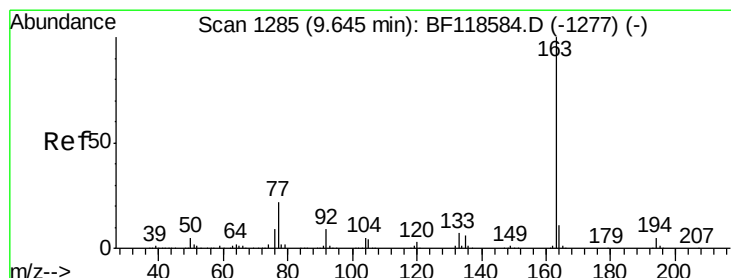
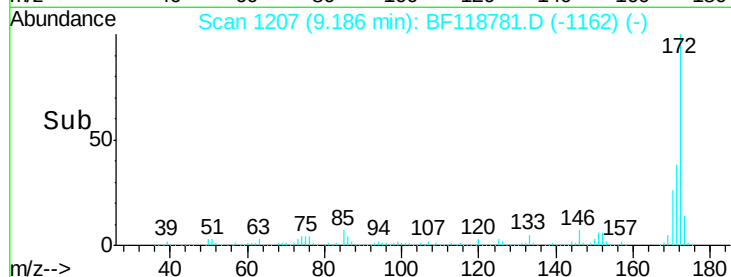
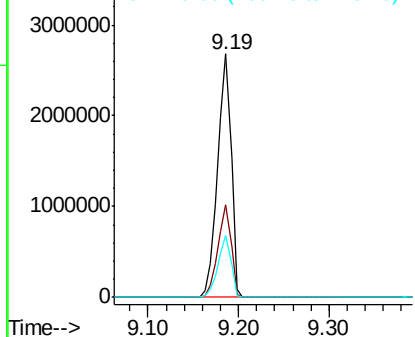
Instrument :
 BNA_F
 ClientSampleId :
 346

Tot Ion:172 Resp: 2739490

Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.0	46.4
170	25.5	20.7	31.1



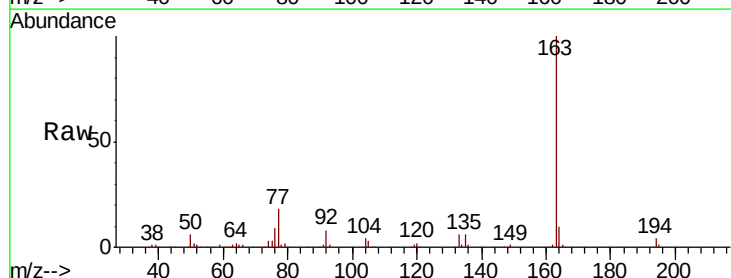
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



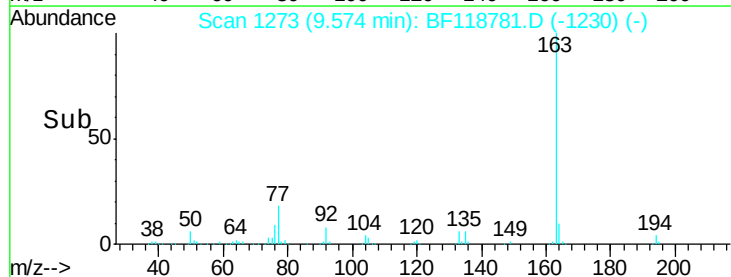
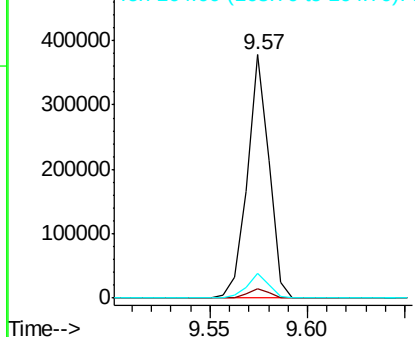
#50
 Dimethylphthalate
 Concen: 7.201 ng
 RT: 9.57 min Scan# 1273
 Delta R.T. -0.05 min
 Lab File: BF118781.D
 Acq: 31 Jan 2020 14:55

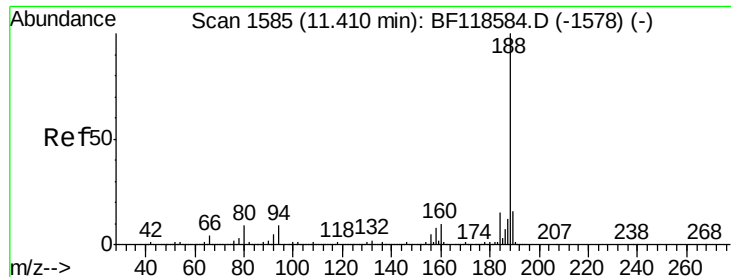
Tgt Ion:163 Resp: 290641

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.7	5.5
164	10.0	8.2	12.2



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: 11.34 min Scan# 1574

Delta R.T. -0.04 min

Lab File: BF118781.D

Acq: 31 Jan 2020 14:55

Instrument :

BNA_F

ClientSampleId :

346

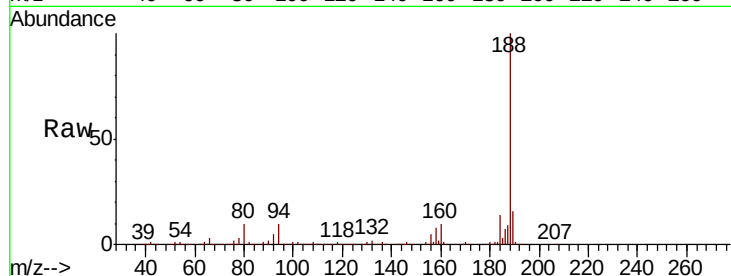
Tot Ion:188 Resp: 1132918

Ion Ratio Lower Upper

188 100

94 9.7 7.4 11.2

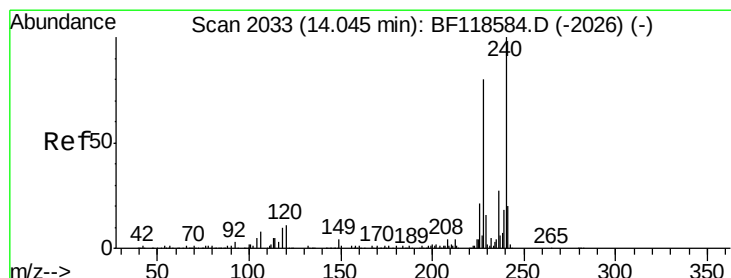
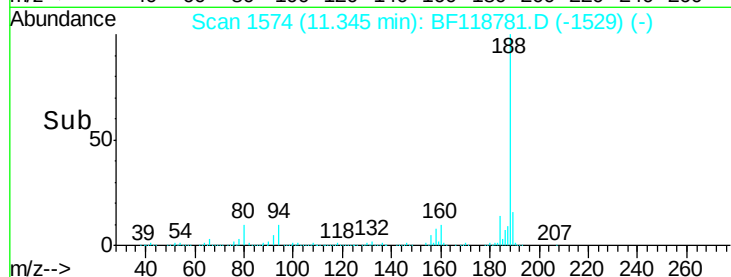
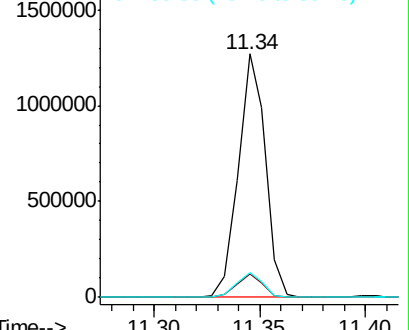
80 10.2 7.8 11.8



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: 13.98 min Scan# 2022

Delta R.T. -0.04 min

Lab File: BF118781.D

Acq: 31 Jan 2020 14:55

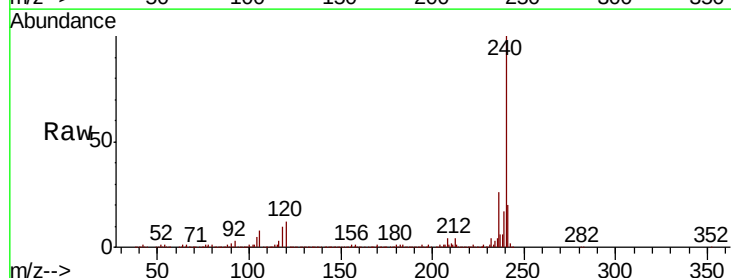
Tgt Ion:240 Resp: 720477

Ion Ratio Lower Upper

240 100

120 11.5 7.6 11.4#

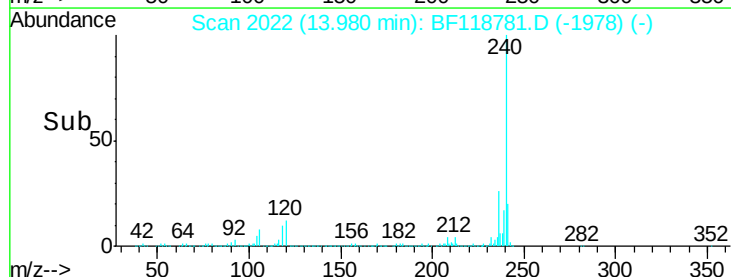
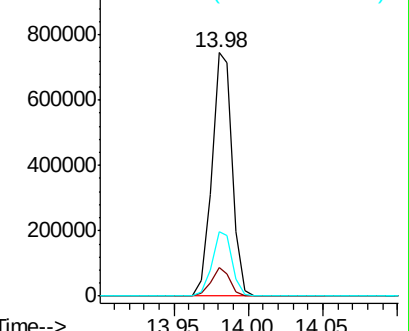
236 26.3 21.0 31.4

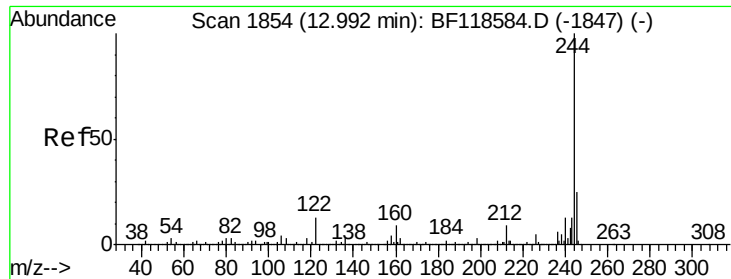


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 95.502 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.03 min

Lab File: BF118781.D

Acq: 31 Jan 2020 14:55

Instrument :

BNA_F

ClientSampleId :

346

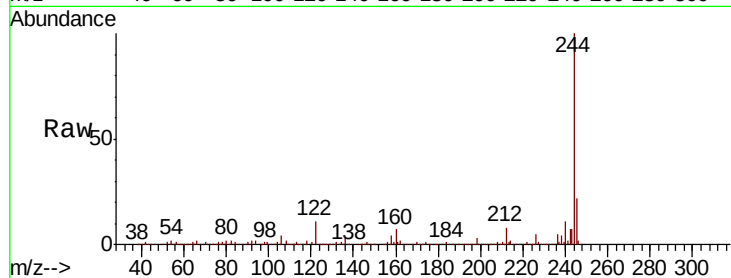
Tot Ion:244 Resp: 3154713

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.3	9.5
122	11.5	9.2	13.8

244 100

212 7.6 6.3 9.5

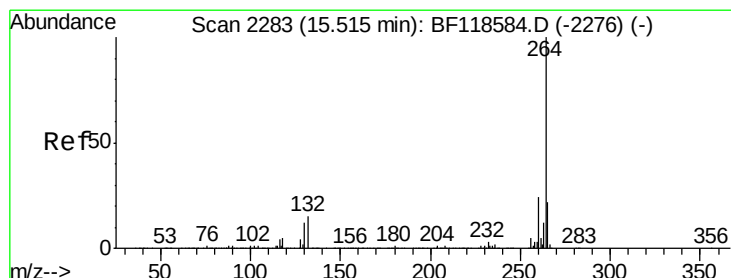
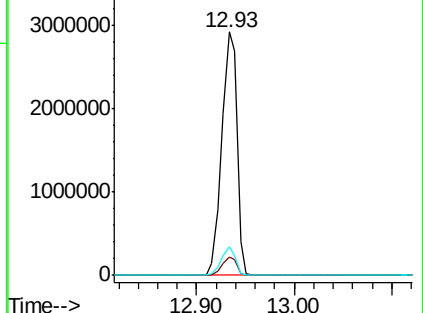
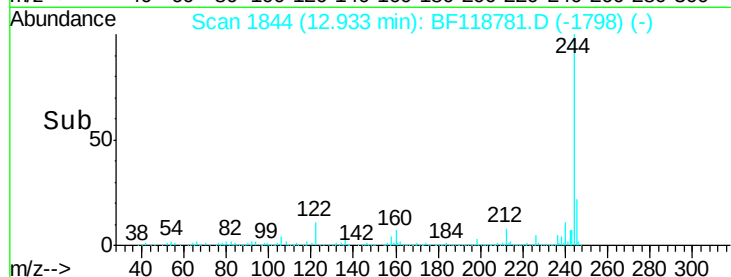
122 11.5 9.2 13.8



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: 15.43 min Scan# 2269

Delta R.T. -0.05 min

Lab File: BF118781.D

Acq: 31 Jan 2020 14:55

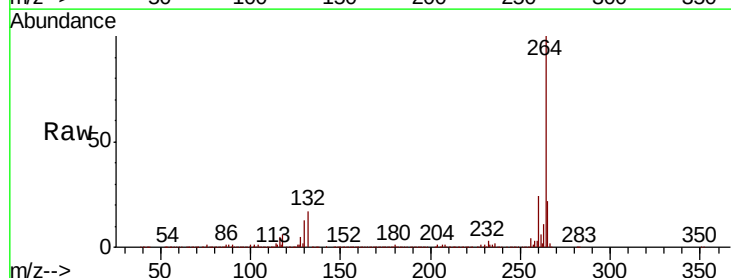
Tgt Ion:264 Resp: 719445

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	28.0
265	22.1	17.0	25.6

264 100

260 23.7 18.6 28.0

265 22.1 17.0 25.6



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

