

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110819\
 Data File : BF117731.D
 Acq On : 8 Nov 2019 15:23
 Operator : JU
 Sample : K5742-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-37-(8-10)

Quant Time: Nov 09 02:17:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 06 17:27:10 2019
 Response via : Initial Calibration

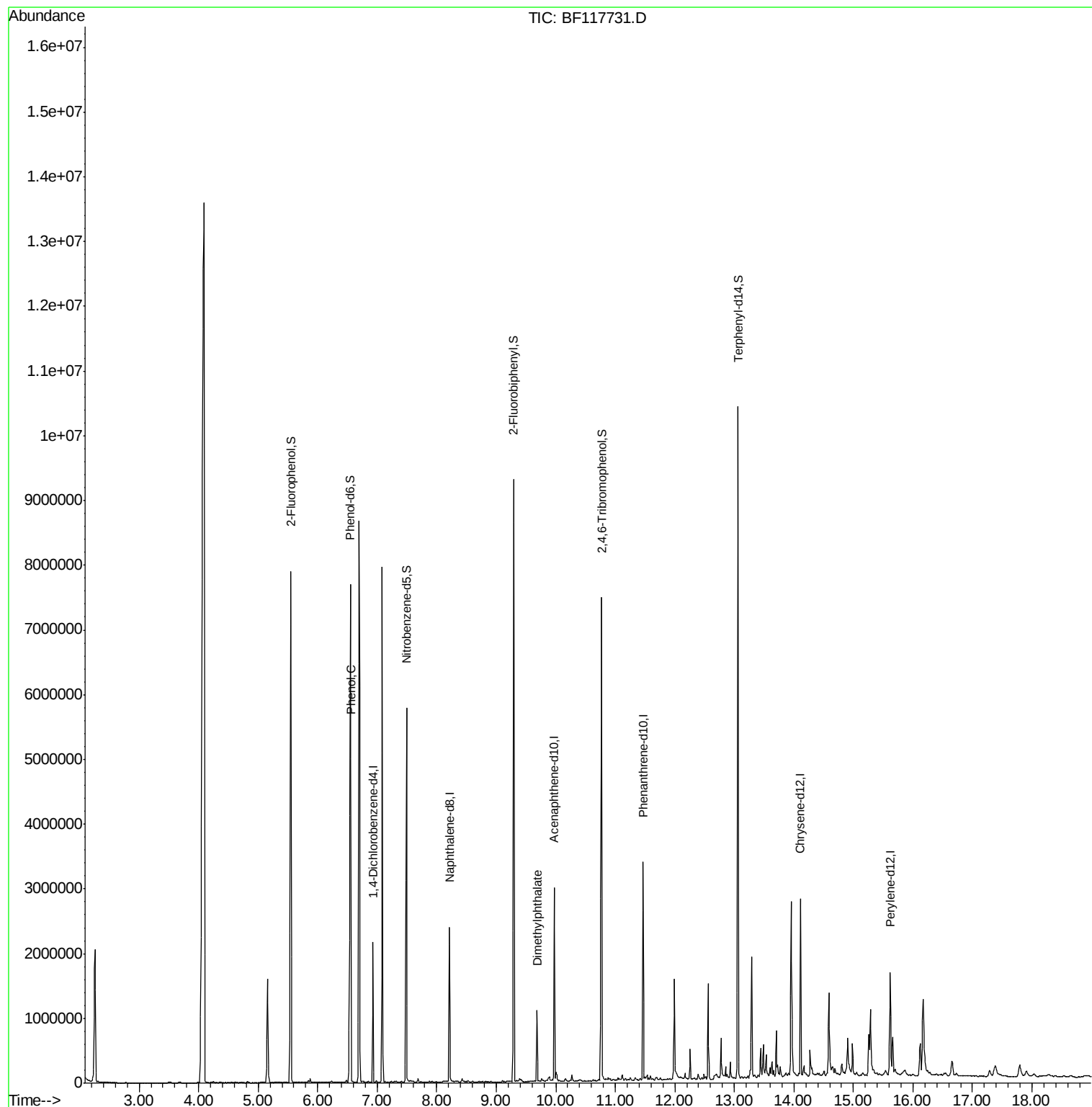
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	283503	20.00	ng	-0.01
21) Naphthalene-d8	8.22	136	1090278	20.00	ng	-0.01
39) Acenaphthene-d10	9.97	164	589644	20.00	ng	-0.01
64) Phenanthrene-d10	11.47	188	1168286	20.00	ng	0.00
76) Chrysene-d12	14.11	240	905759	20.00	ng	-0.02
87) Perylene-d12	15.62	264	783291	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	2497542	159.47	ng	0.00
7) Phenol-d6	6.55	99	3153787	163.31	ng	0.00
23) Nitrobenzene-d5	7.49	82	1935304	104.80	ng	-0.01
42) 2,4,6-Tribromophenol	10.77	330	997672	172.96	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	3167694	105.99	ng	-0.01
79) Terphenyl-d14	13.06	244	3802260	86.42	ng	0.00
Target Compounds						
10) Phenol	6.56	94	141276	6.789	ng	96
50) Dimethylphthalate	9.69	163	431424	10.823	ng	97

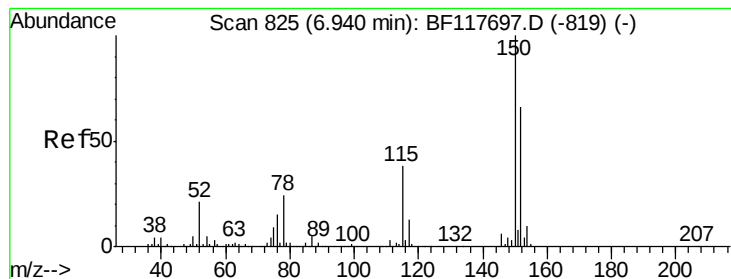
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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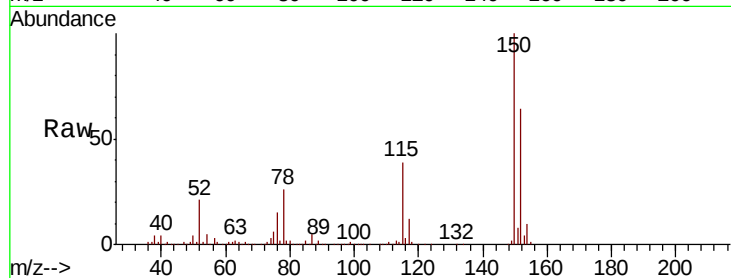


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF117731.D
Acq: 8 Nov 2019 15:23

Instrument :
BNA_F
ClientSampleId :
SB-37-(8-10)

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	121.4	182.2
115	60.9	46.7	70.1

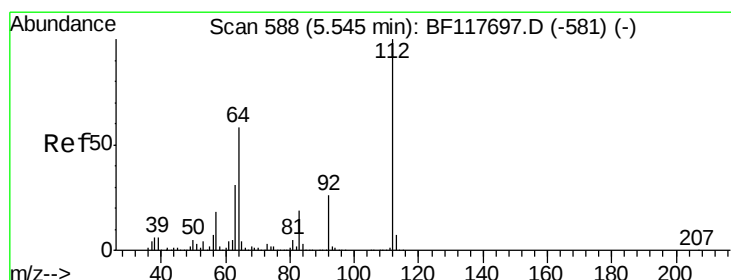
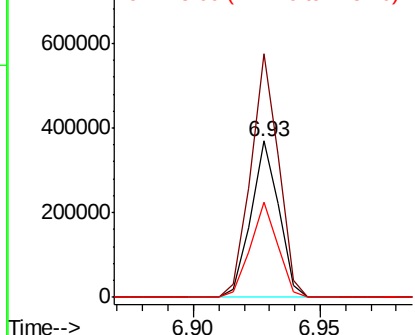
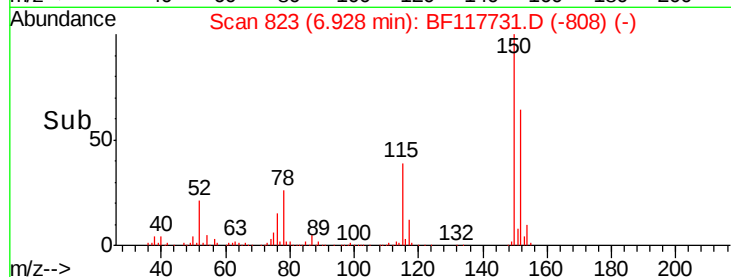


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

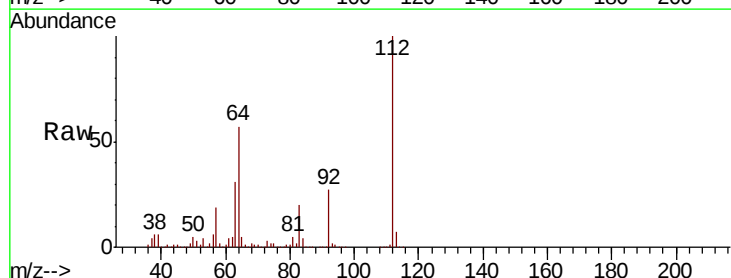
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 159.467 ng
RT: 5.55 min Scan# 589
Delta R.T. 0.01 min
Lab File: BF117731.D
Acq: 8 Nov 2019 15:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.1	46.4	69.6
63	30.8	24.6	37.0

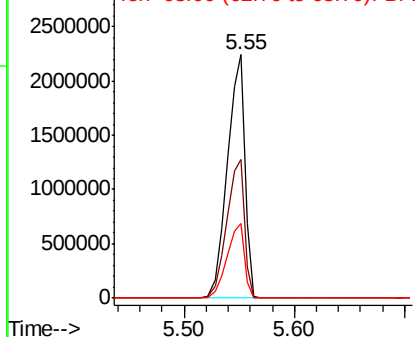
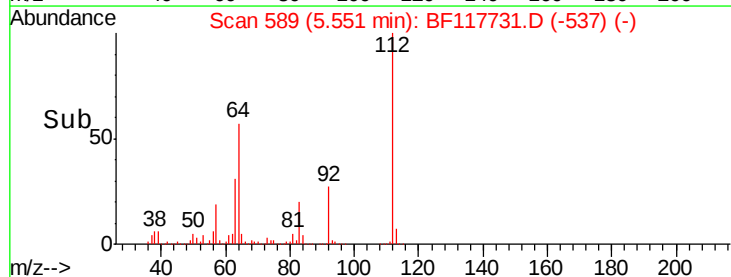


Abundance

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: 163.311 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF117731.D

Acq: 8 Nov 2019 15:23

Instrument :

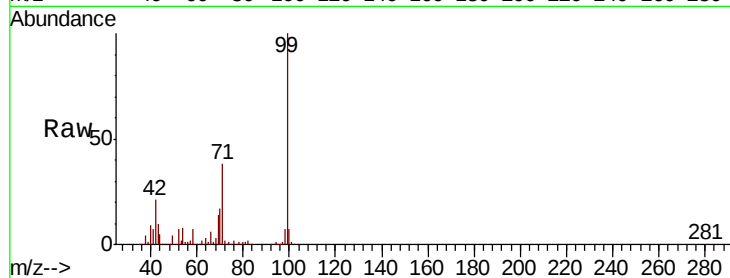
BNA_F

ClientSampleId :

SB-37-(8-10)

Tot Ion: 99 Resp: 3153787

Ion	Ratio	Lower	Upper
99	100		
42	20.9	15.3	22.9
71	38.0	26.8	40.2

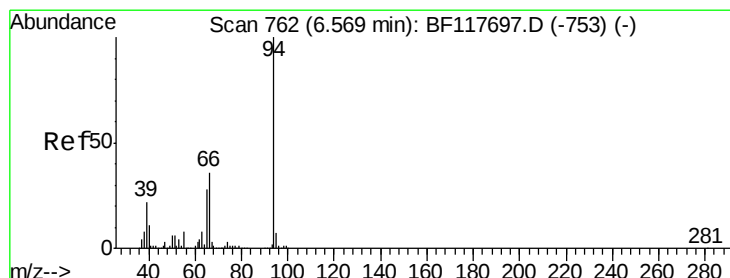
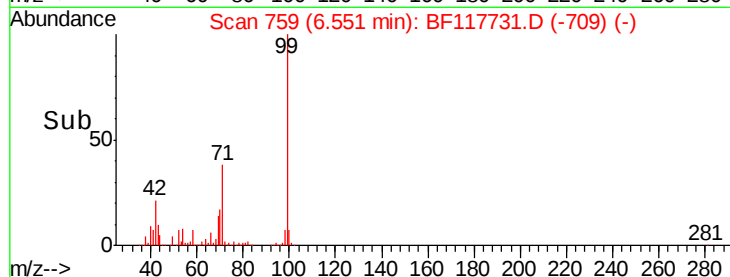
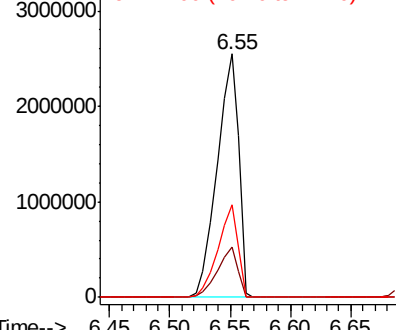


Abundance

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



#10

Phenol

Concen: 6.789 ng

RT: 6.56 min Scan# 761

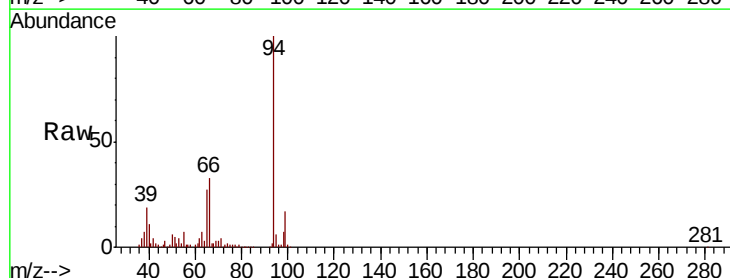
Delta R.T. -0.01 min

Lab File: BF117731.D

Acq: 8 Nov 2019 15:23

Tgt Ion: 94 Resp: 141276

Ion	Ratio	Lower	Upper
94	100		
65	26.9	7.6	47.6
66	32.9	16.1	56.1

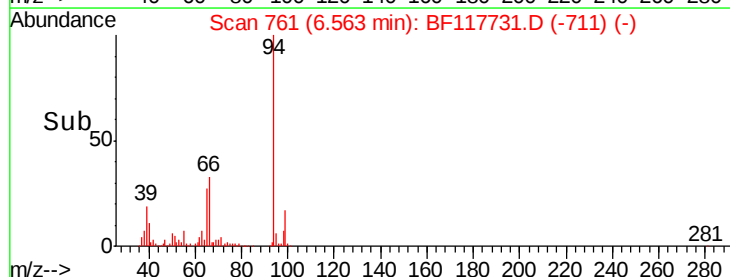
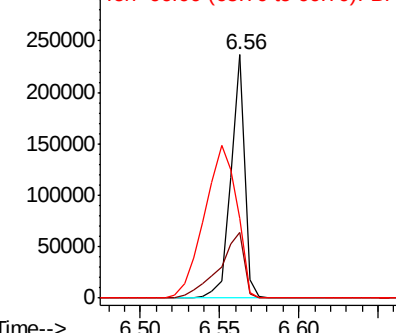


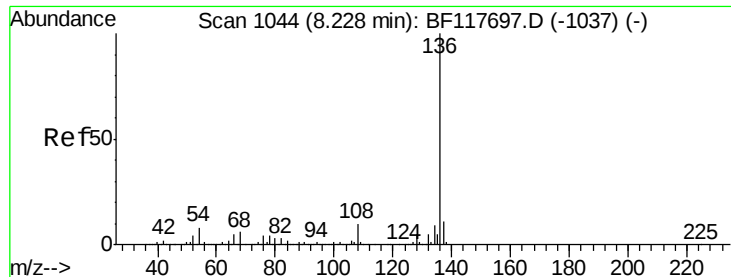
Abundance

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

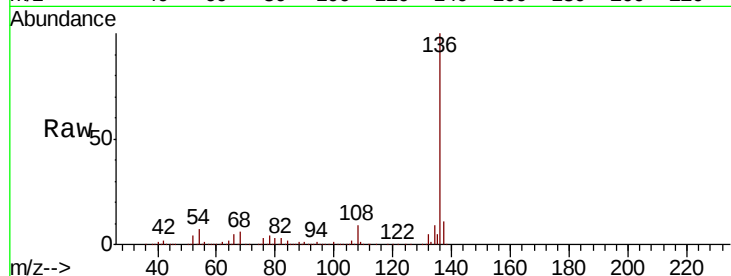




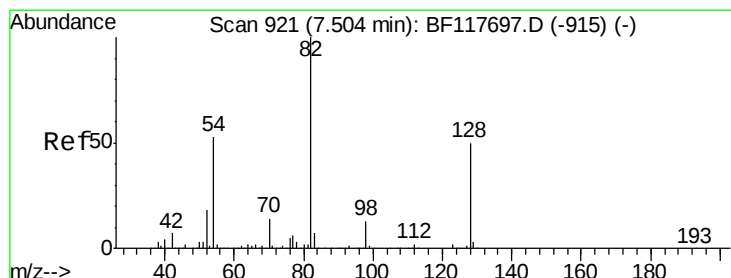
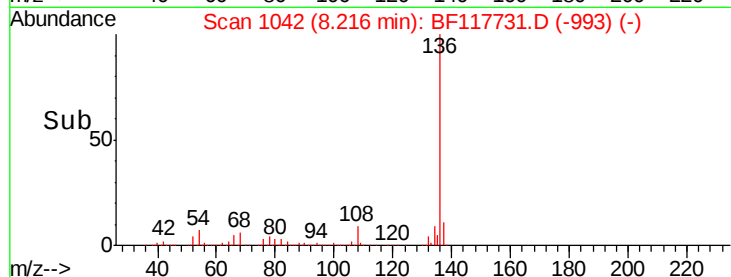
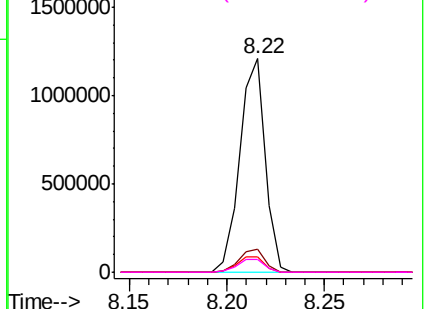
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF117731.D
Acq: 8 Nov 2019 15:23

Instrument :
BNA_F
ClientSampleId :
SB-37-(8-10)

Tot Ion:136	Resp: 1090278
Ion Ratio	Lower Upper
136 100	
137 11.0	8.8 13.2
54 7.5	6.0 9.0
68 5.7	4.8 7.2

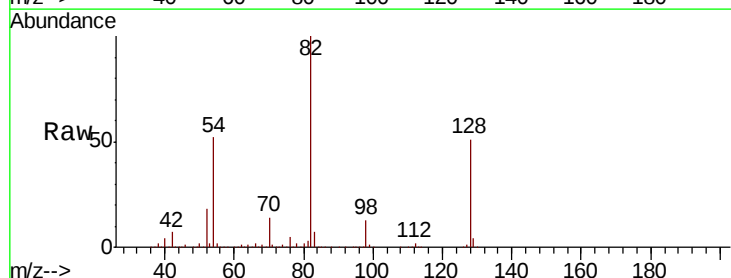


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

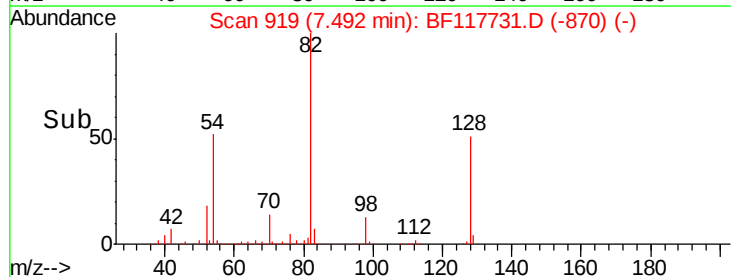
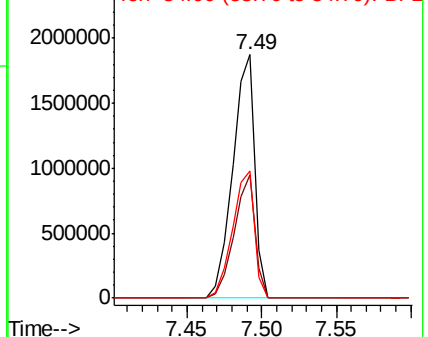


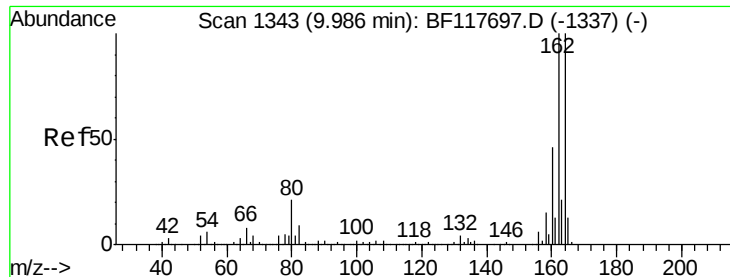
#23
Nitrobenzene-d5
Concen: 104.798 ng
RT: 7.49 min Scan# 919
Delta R.T. -0.01 min
Lab File: BF117731.D
Acq: 8 Nov 2019 15:23

Tgt Ion: 82	Resp: 1935304
Ion Ratio	Lower Upper
82 100	
128 50.7	40.2 60.2
54 52.3	42.0 63.0



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

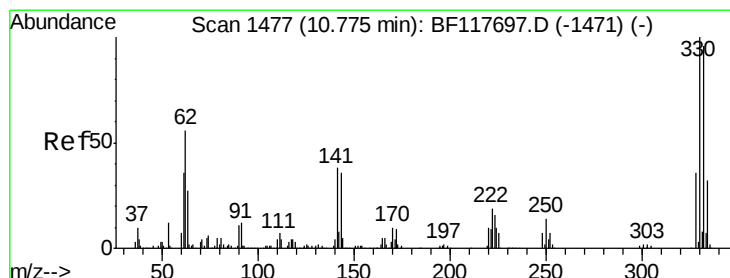
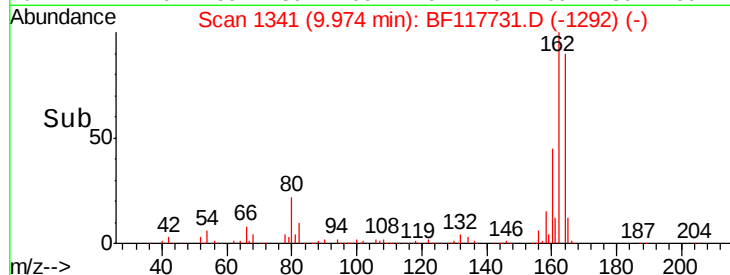
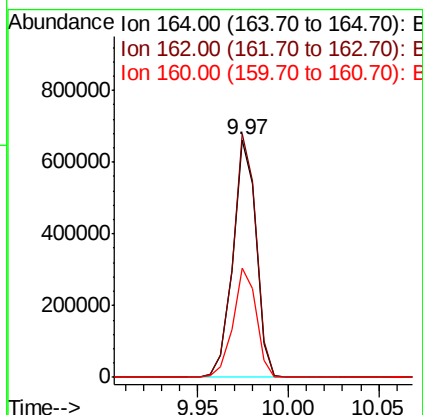
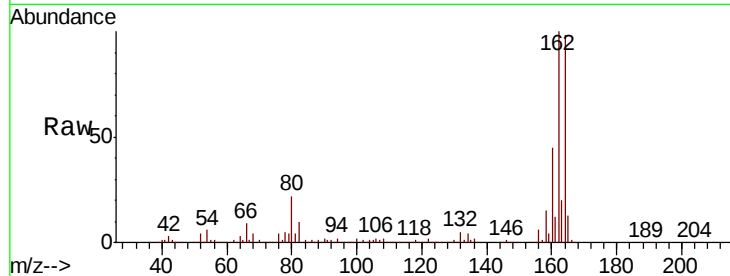




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.01 min
 Lab File: BF117731.D
 Acq: 8 Nov 2019 15:23

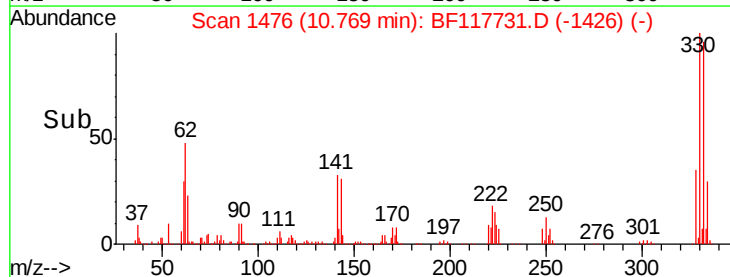
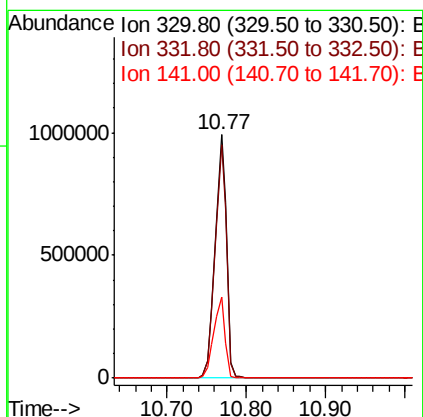
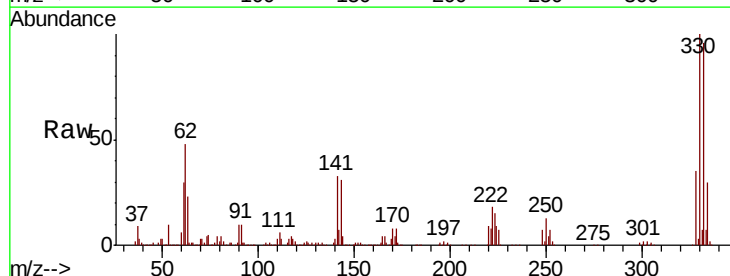
Instrument :
 BNA_F
 ClientSampleId :
 SB-37-(8-10)

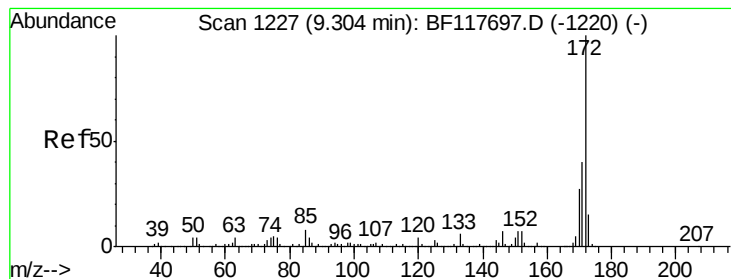
Tot Ion:164 Resp: 589644
 Ion Ratio Lower Upper
 164 100
 162 102.4 79.7 119.5
 160 45.9 36.5 54.7



#42
 2,4,6-Tribromophenol
 Concen: 172.965 ng
 RT: 10.77 min Scan# 1476
 Delta R.T. -0.01 min
 Lab File: BF117731.D
 Acq: 8 Nov 2019 15:23

Tgt Ion:330 Resp: 997672
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.4 116.0
 141 32.9 28.0 42.0





#45

2-Fluorobiphenyl

Concen: 105.995 ng

RT: 9.29 min Scan# 1225

Delta R.T. -0.01 min

Lab File: BF117731.D

Acq: 8 Nov 2019 15:23

Instrument :

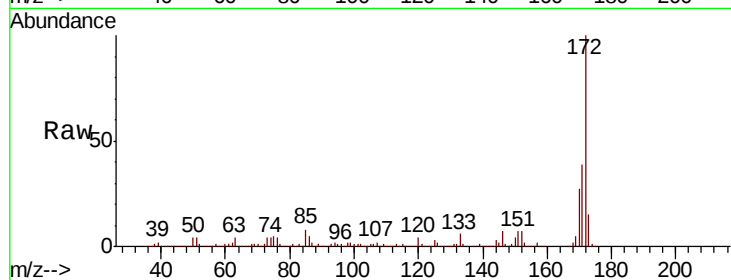
BNA_F

ClientSampleId :

SB-37-(8-10)

Tot Ion:172 Resp: 3167694

Ion	Ratio	Lower	Upper
172	100		
171	39.1	31.8	47.8
170	26.6	21.6	32.4

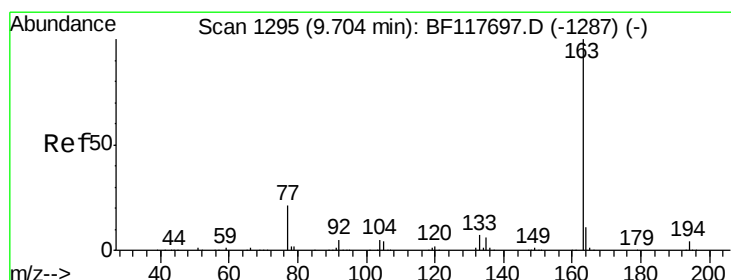
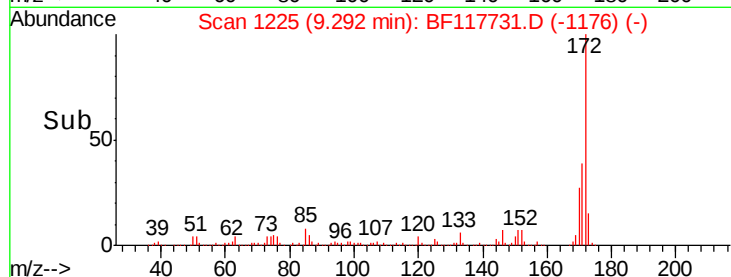
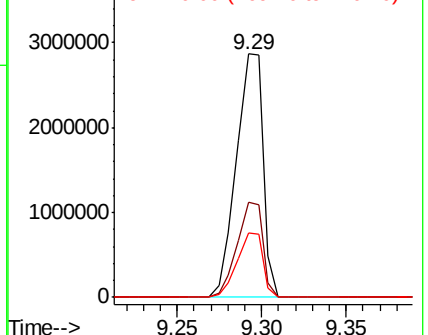


Abundance

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: 10.823 ng

RT: 9.69 min Scan# 1292

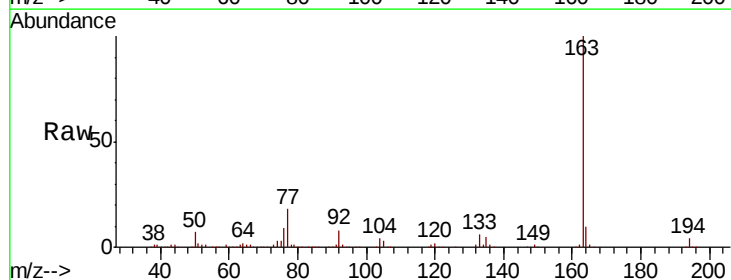
Delta R.T. -0.02 min

Lab File: BF117731.D

Acq: 8 Nov 2019 15:23

Tgt Ion:163 Resp: 431424

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	9.8	8.9	13.3

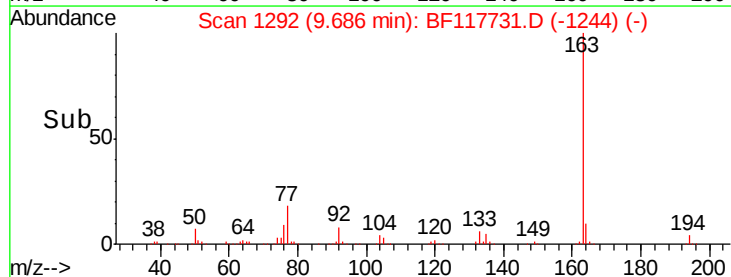
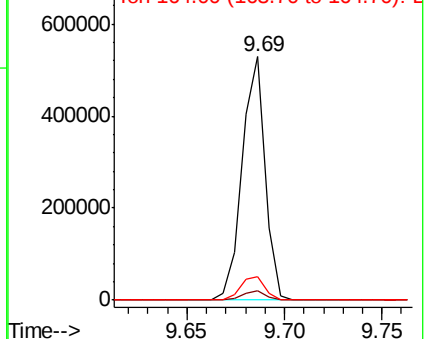


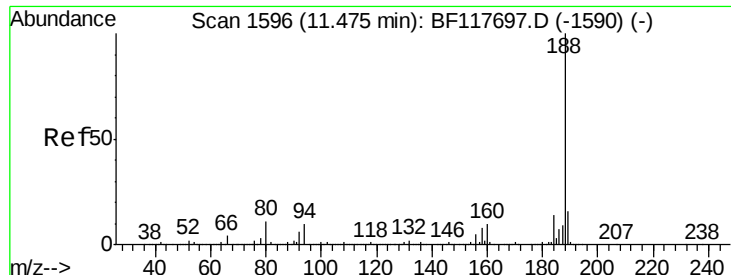
Abundance

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

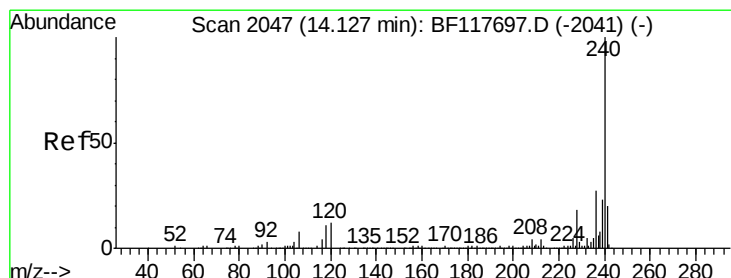
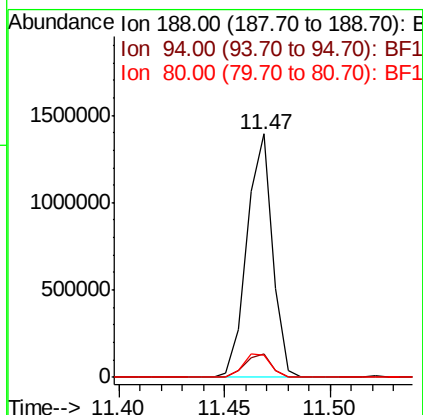
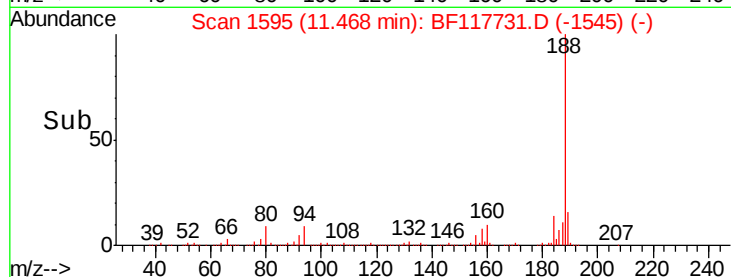
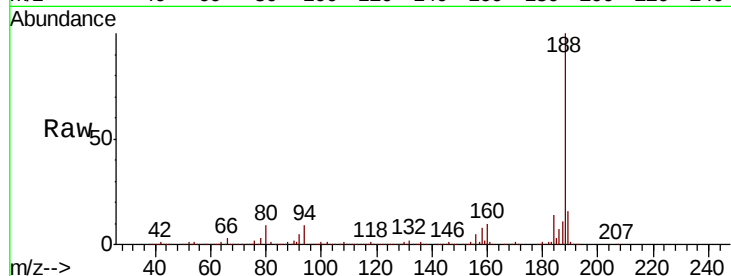




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BF117731.D
Acq: 8 Nov 2019 15:23

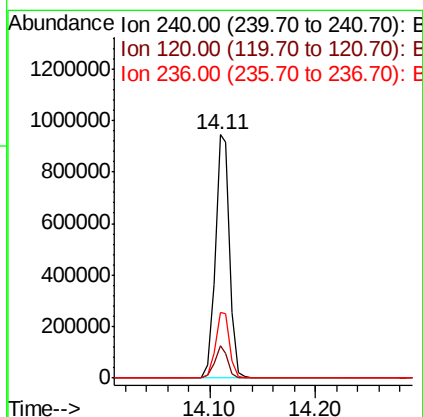
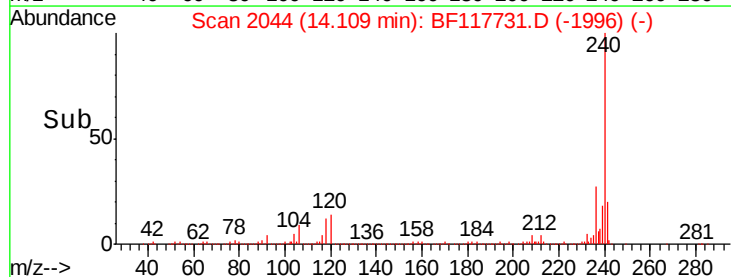
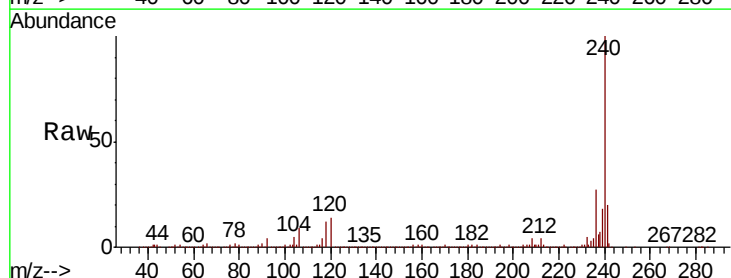
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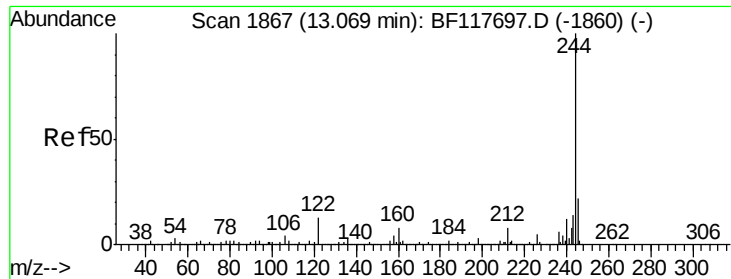
Tot Ion:188 Resp: 1168286
Ion Ratio Lower Upper
188 100
94 9.5 8.2 12.4
80 9.4 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.02 min
Lab File: BF117731.D
Acq: 8 Nov 2019 15:23

Tgt Ion:240 Resp: 905759
Ion Ratio Lower Upper
240 100
120 13.5 9.7 14.5
236 27.0 21.9 32.9





#79

Terphenyl-d14

Concen: 86.417 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF117731.D

Acq: 8 Nov 2019 15:23

Instrument :

BNA_F

ClientSampleId :

SB-37-(8-10)

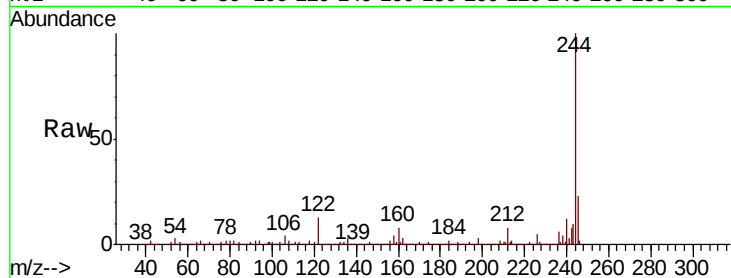
Tot Ion:244 Resp: 3802260

Ion Ratio Lower Upper

244 100

212 8.2 6.4 9.6

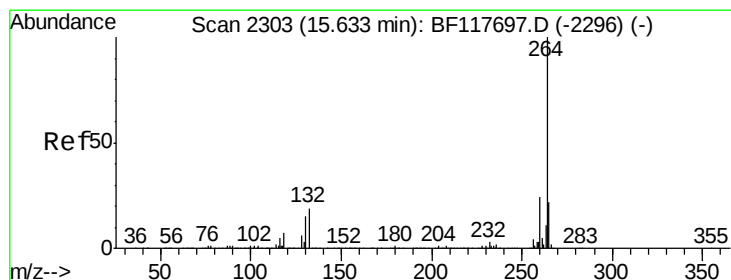
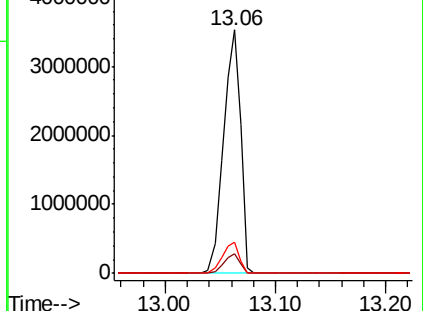
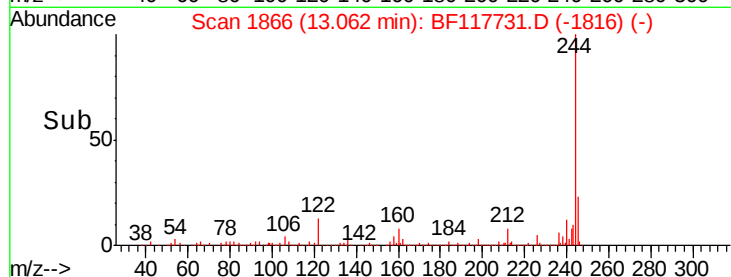
122 12.7 10.0 15.0



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: 15.62 min Scan# 2301

Delta R.T. -0.01 min

Lab File: BF117731.D

Acq: 8 Nov 2019 15:23

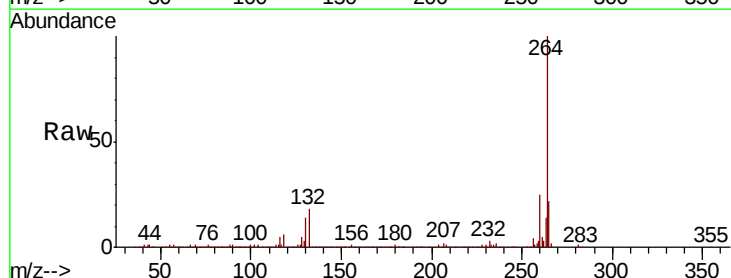
Tgt Ion:264 Resp: 783291

Ion Ratio Lower Upper

264 100

260 25.1 18.8 28.2

265 22.0 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

