

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083120\
 Data File : BF121479.D
 Acq On : 31 Aug 2020 15:57
 Operator : JU/CG
 Sample : L3830-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-RO

Quant Time: Aug 31 17:03:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 28 09:25:49 2020
 Response via : Initial Calibration

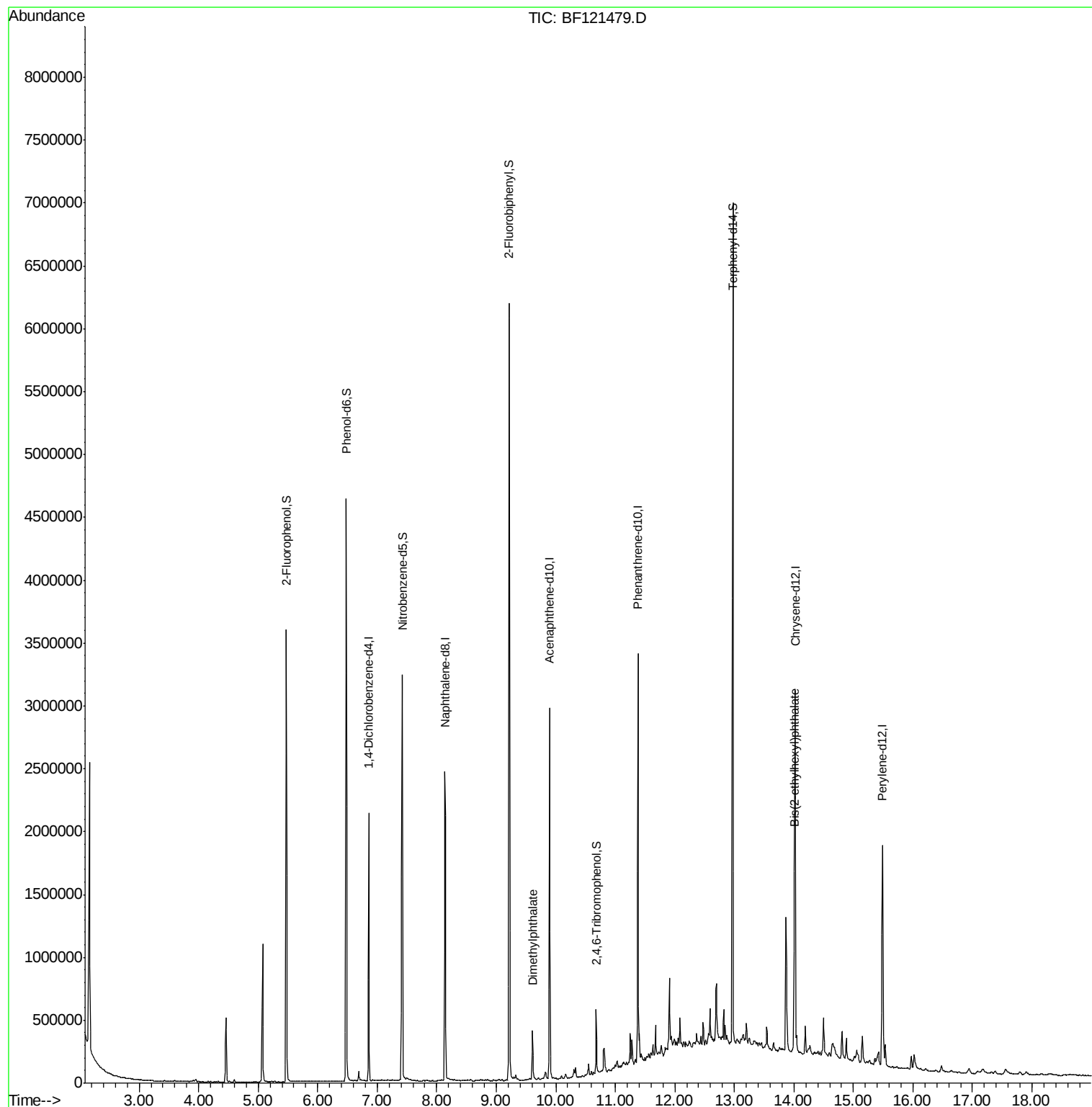
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	289881	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1111348	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	592874	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	1156055	20.00	ng	0.00
76) Chrysene-d12	14.02	240	953154	20.00	ng	0.00
86) Perylene-d12	15.49	264	833099	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	955209	55.28	ng	0.00
7) Phenol-d6	6.48	99	1623176	67.22	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1114203	68.54	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	59393	9.92	ng	-0.01
45) 2-Fluorobiphenyl	9.22	172	2083637	56.71	ng	0.00
79) Terphenyl-d14	12.97	244	2254254	49.78	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.61	163	145834	3.581	ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	171838	5.073	ng	# 97

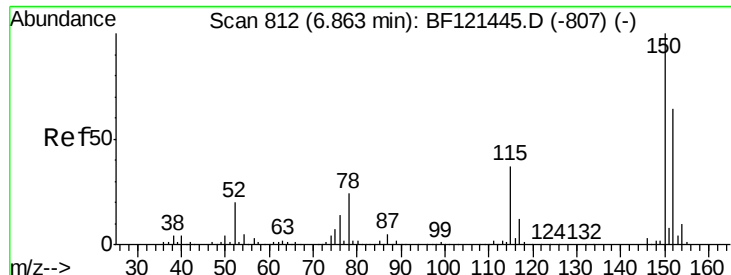
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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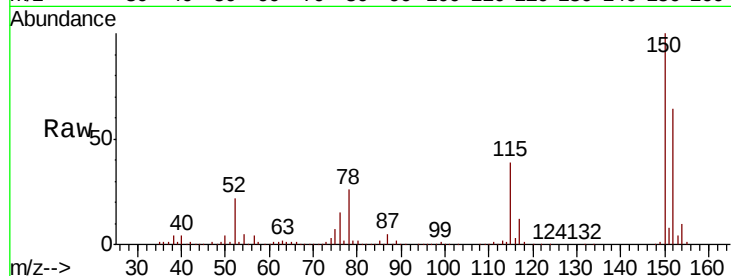


#1

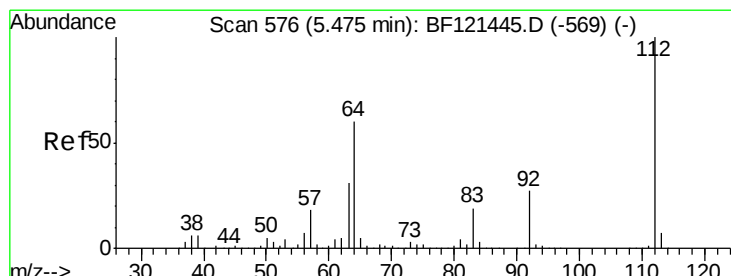
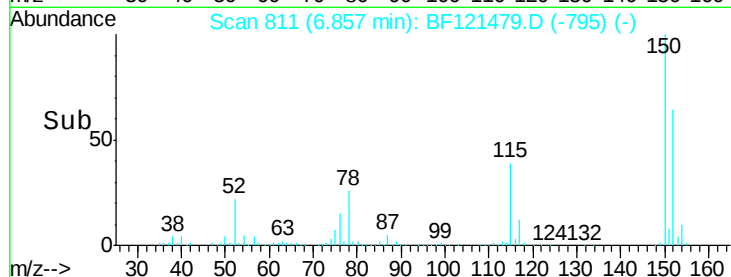
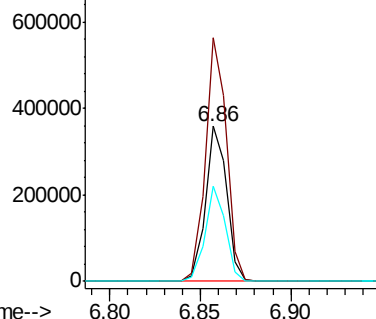
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF121479.D
Acq: 31 Aug 2020 15:57

Instrument :
BNA_F
ClientSampleId :
CONCRETE-RO

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	125.8	188.6
115	61.1	46.6	69.8



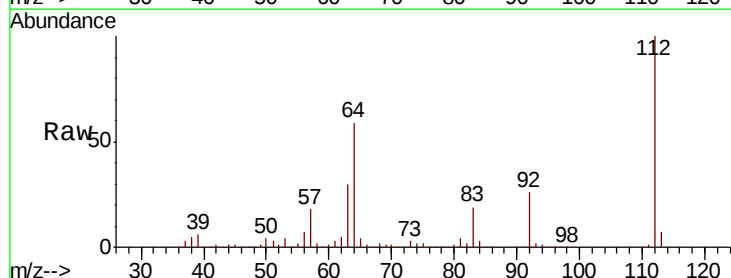
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



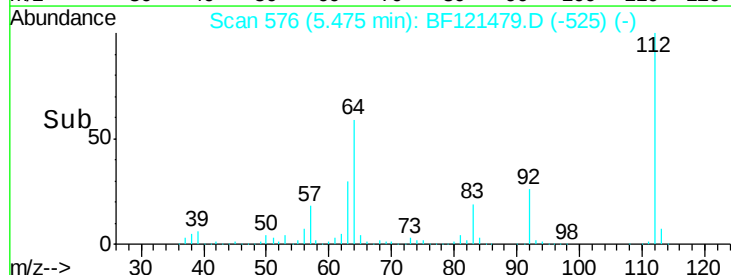
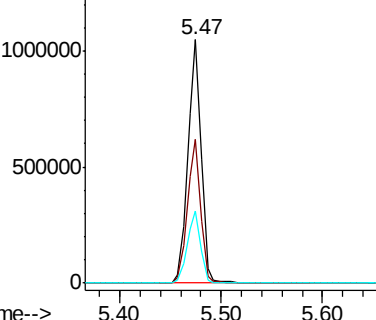
#5

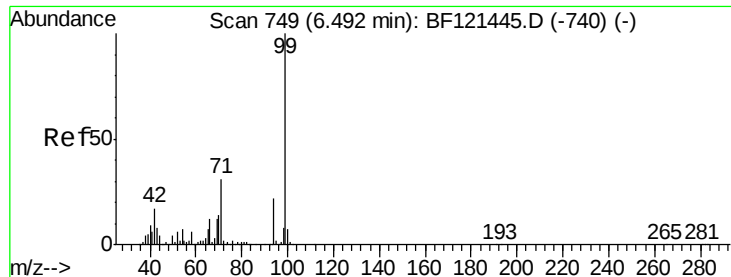
2-Fluorophenol
Concen: 55.285 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.00 min
Lab File: BF121479.D
Acq: 31 Aug 2020 15:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.3	48.2	72.2
63	29.8	24.8	37.2



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: 67.225 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF121479.D

Acq: 31 Aug 2020 15:57

Instrument :

BNA_F

ClientSampleId :

CONCRETE-RO

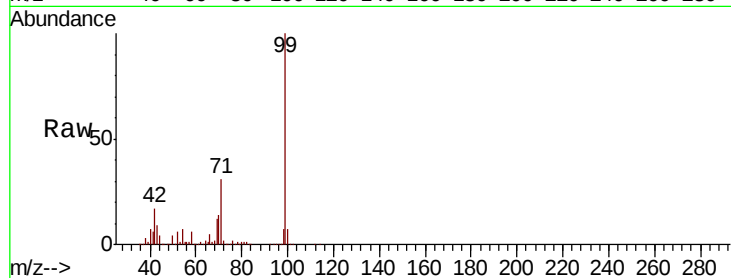
Tot Ion: 99 Resp: 1623176

Ion Ratio Lower Upper

99 100

42 17.2 13.5 20.3

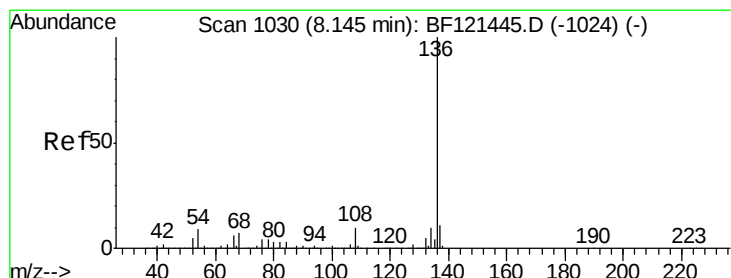
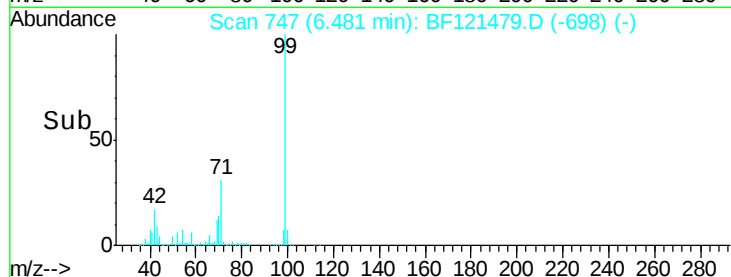
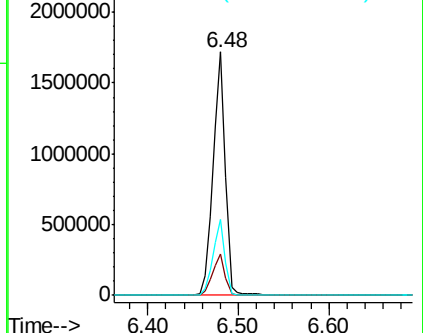
71 31.4 24.6 37.0



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: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF121479.D

Acq: 31 Aug 2020 15:57

Tgt Ion: 136 Resp: 1111348

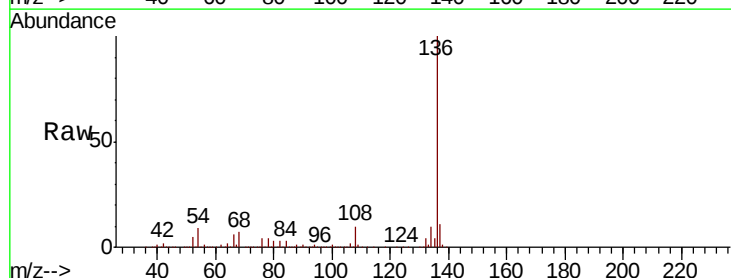
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 9.0 7.0 10.4

68 7.2 5.5 8.3

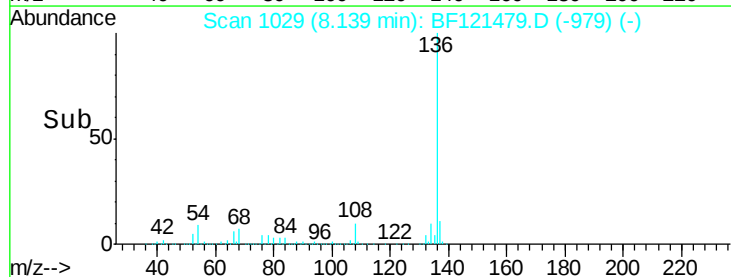
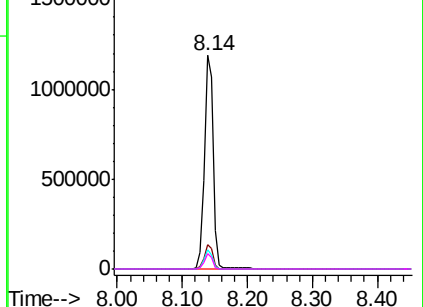


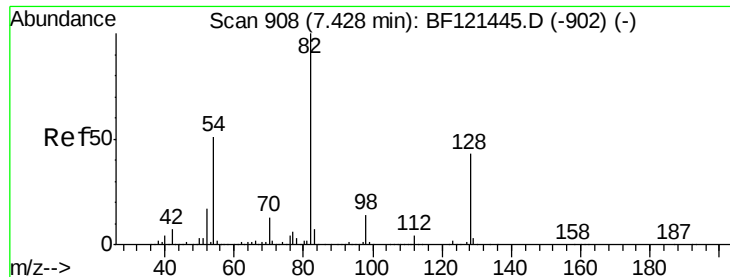
Abundance Ion 136.00 (135.70 to 136.70): E

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

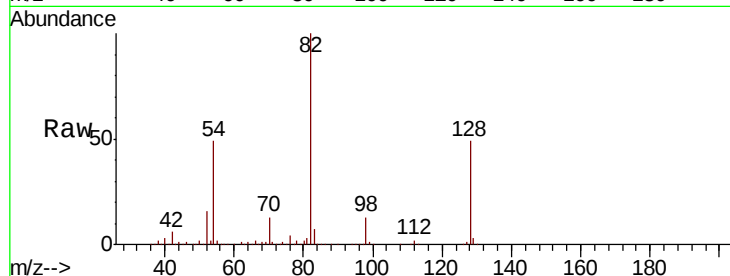




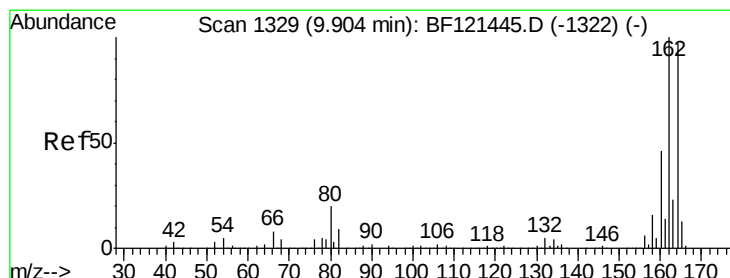
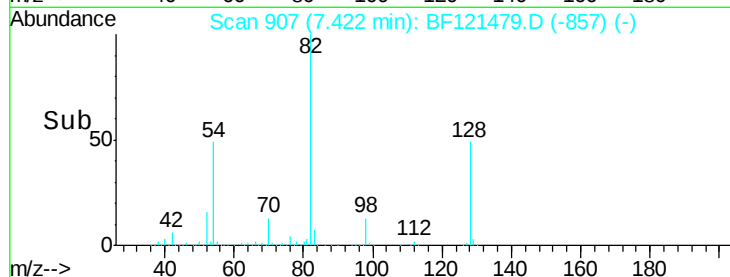
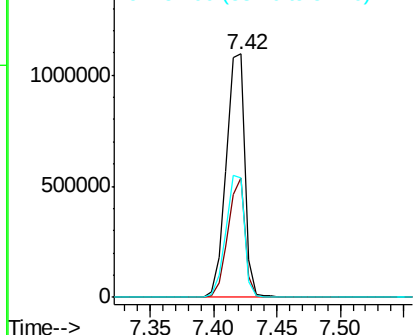
#23
Nitrobenzene-d5
Concen: 68.541 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF121479.D
Acq: 31 Aug 2020 15:57

Instrument :
BNA_F
ClientSampleId :
CONCRETE-RO

Tot Ion: 82 Resp: 1114203
Ion Ratio Lower Upper
82 100
128 49.0 34.1 51.1
54 48.9 41.0 61.6

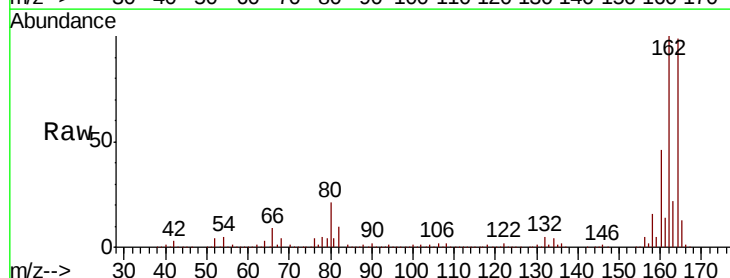


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

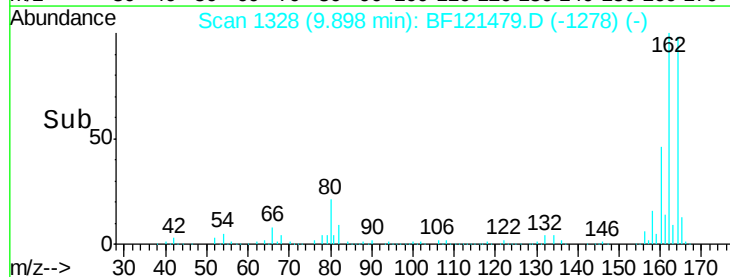
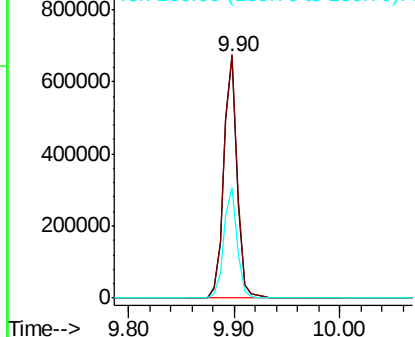


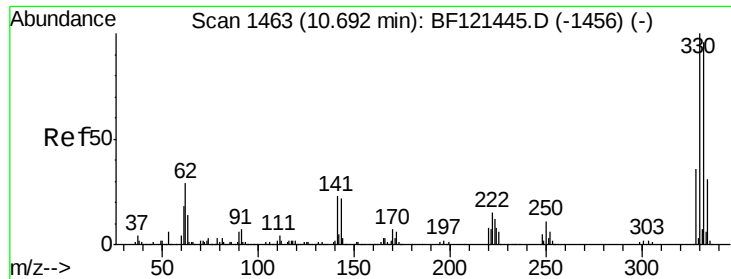
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF121479.D
Acq: 31 Aug 2020 15:57

Tgt Ion:164 Resp: 592874
Ion Ratio Lower Upper
164 100
162 100.8 82.4 123.6
160 45.9 37.6 56.4



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

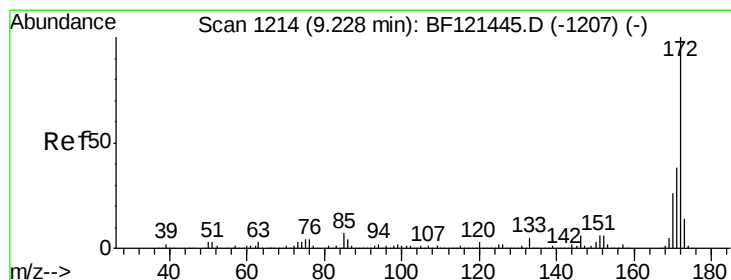
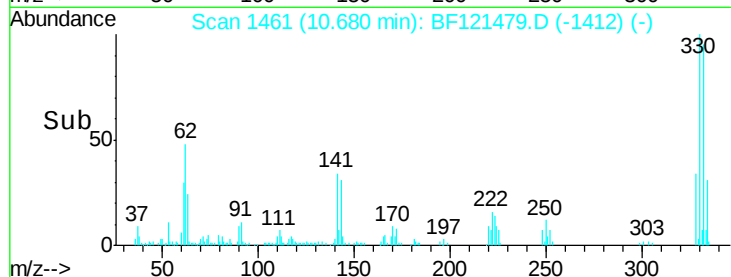
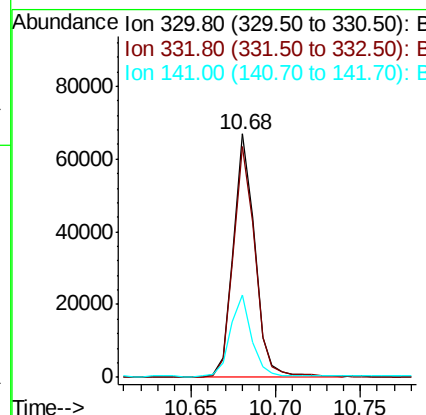
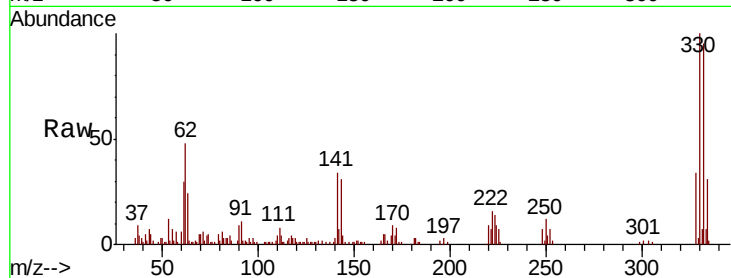




#42
 2,4,6-Tribromophenol
 Concen: 9.918 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF121479.D
 Acq: 31 Aug 2020 15:57

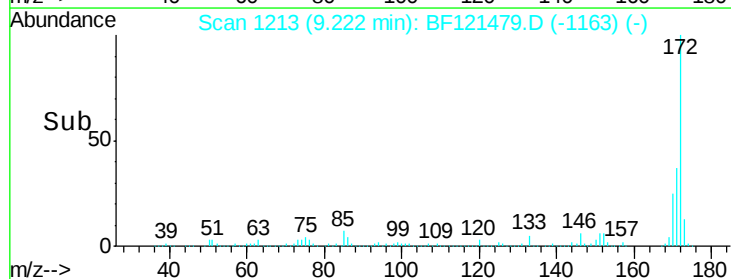
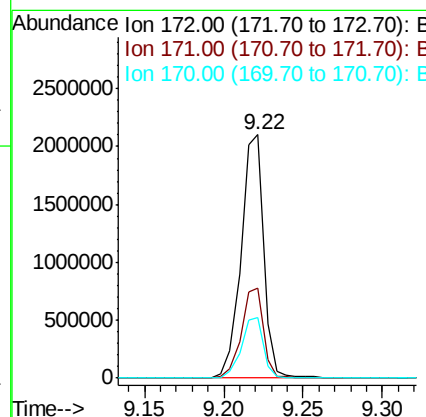
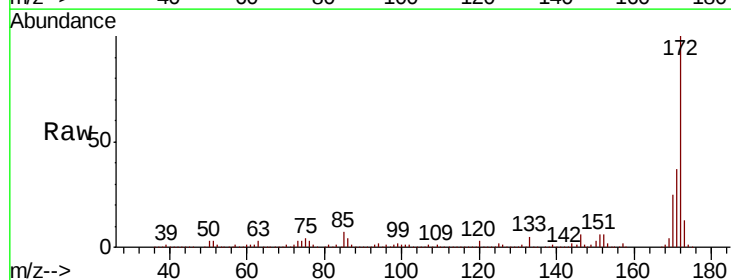
Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-RO

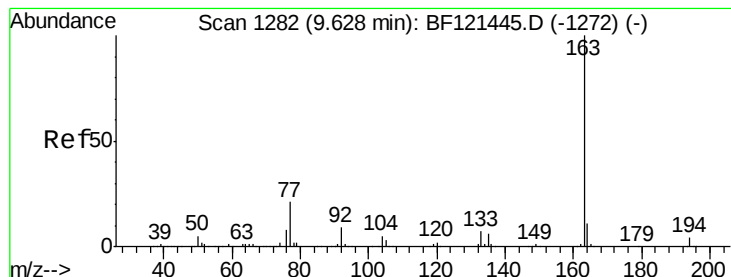
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.2	114.2
141	35.7	24.6	36.8



#45
 2-Fluorobiphenyl
 Concen: 56.707 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF121479.D
 Acq: 31 Aug 2020 15:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.6	45.8
170	24.8	20.6	31.0





#50

Dimethylphthalate

Concen: 3.581 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.02 min

Lab File: BF121479.D

Acq: 31 Aug 2020 15:57

Instrument :

BNA_F

ClientSampleId :

CONCRETE-RO

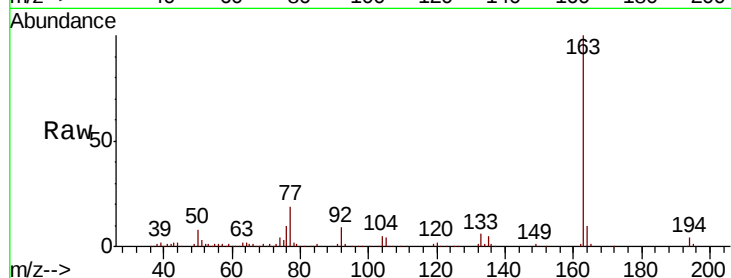
Tot Ion:163 Resp: 145834

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

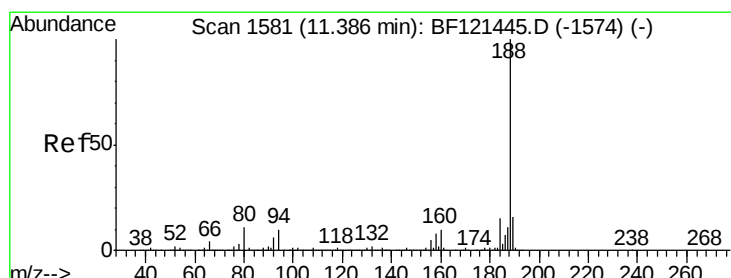
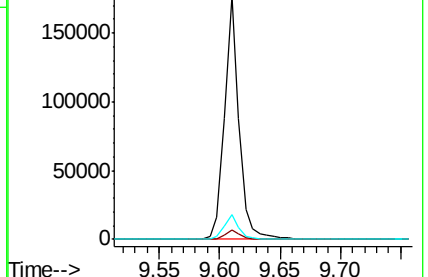
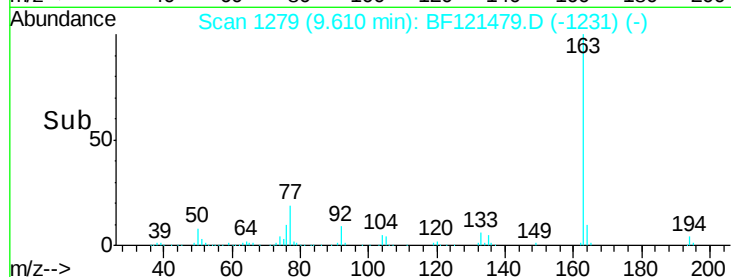
164 10.3 8.6 12.8



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: 11.38 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BF121479.D

Acq: 31 Aug 2020 15:57

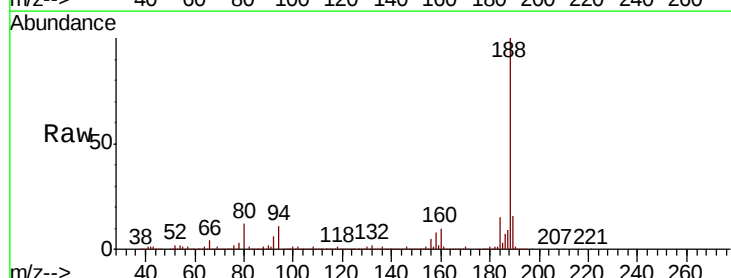
Tgt Ion:188 Resp: 1156055

Ion Ratio Lower Upper

188 100

94 10.8 8.3 12.5

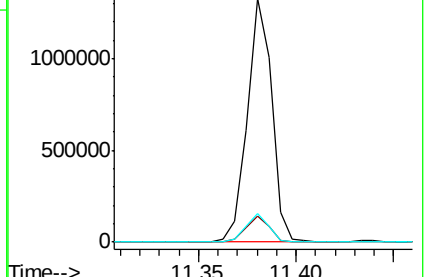
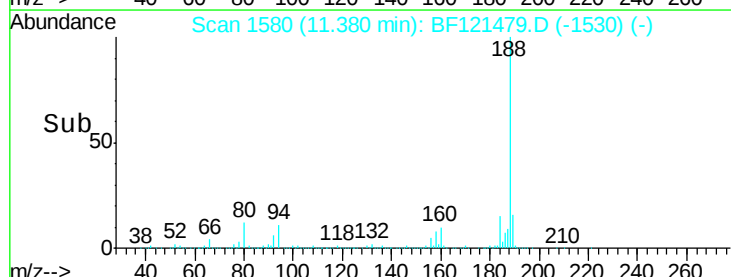
80 11.7 8.6 13.0

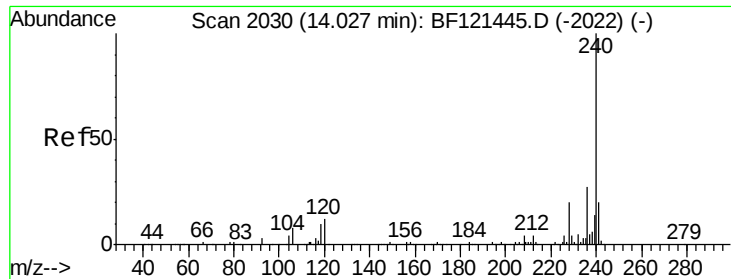


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

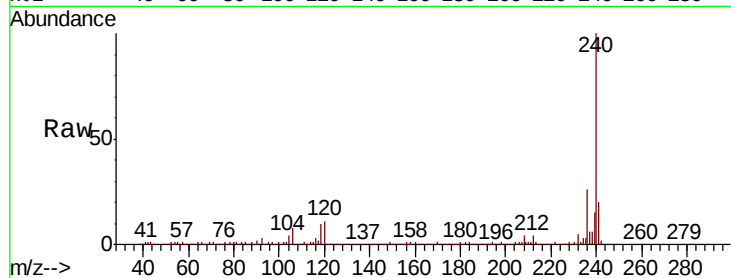




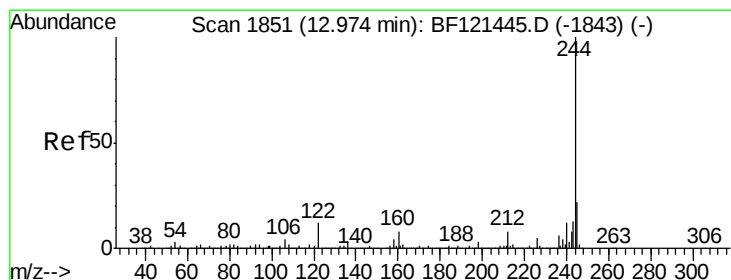
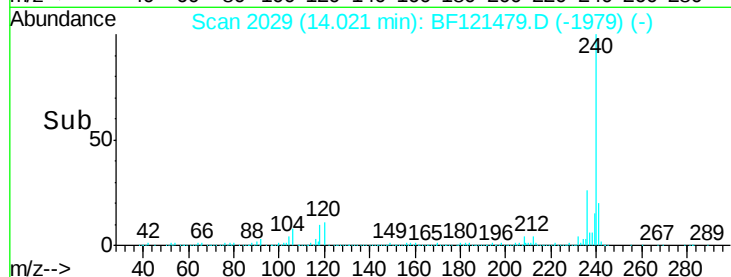
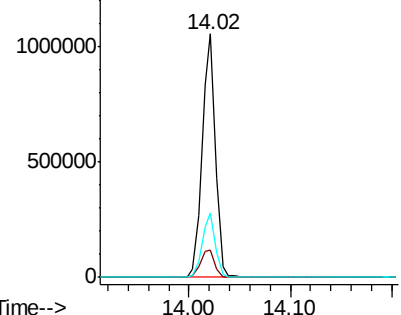
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF121479.D
Acq: 31 Aug 2020 15:57

Instrument :
BNA_F
ClientSampleId :
CONCRETE-RO

Tot Ion:240 Resp: 953154
Ion Ratio Lower Upper
240 100
120 11.2 9.5 14.3
236 26.3 21.8 32.6

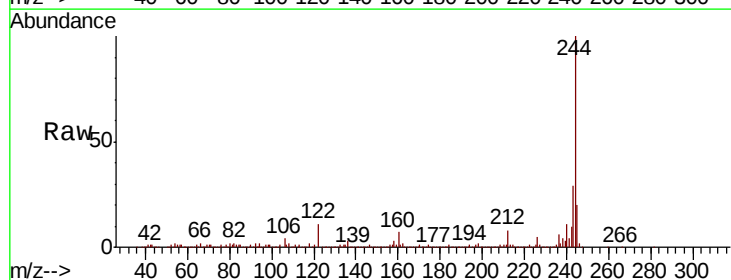


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

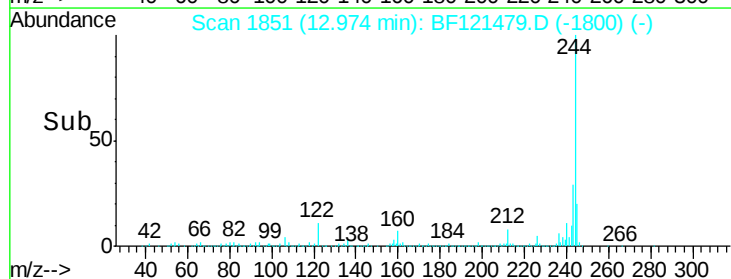
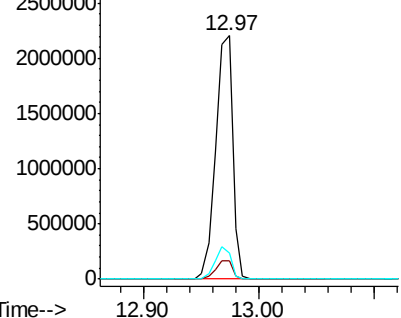


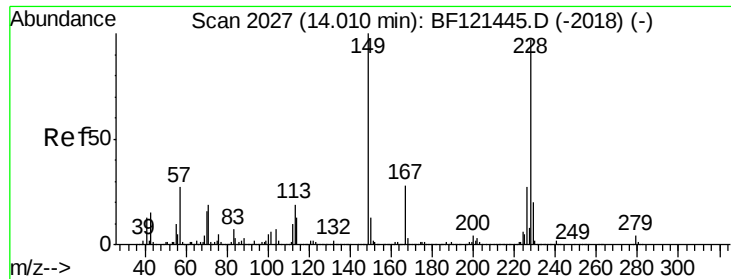
#79
Terphenyl-d14
Concen: 49.783 ng
RT: 12.97 min Scan# 1851
Delta R.T. -0.00 min
Lab File: BF121479.D
Acq: 31 Aug 2020 15:57

Tgt Ion:244 Resp: 2254254
Ion Ratio Lower Upper
244 100
212 7.5 6.3 9.5
122 10.8 9.5 14.3



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





#84

Bis(2-ethylhexyl)phthalate

Concen: 5.073 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF121479.D

Acq: 31 Aug 2020 15:57

Instrument :

BNA_F

ClientSampleId :

CONCRETE-RO

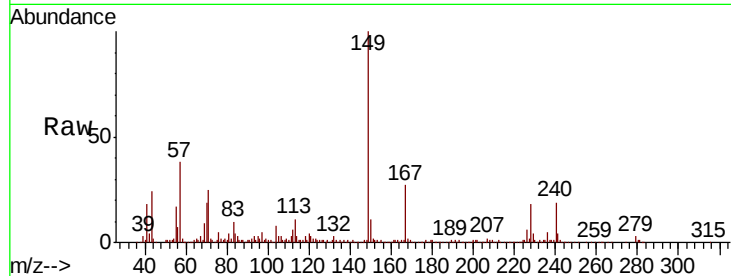
Tot Ion:149 Resp: 171838

Ion Ratio Lower Upper

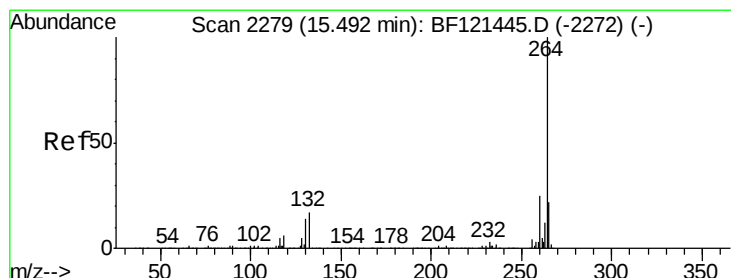
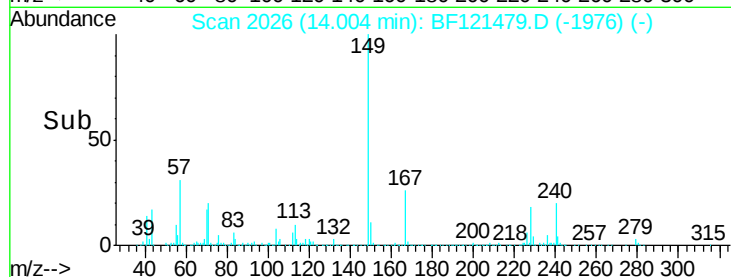
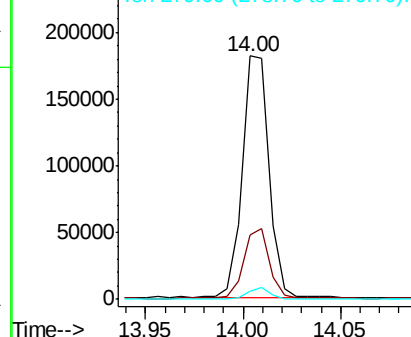
149 100

167 26.5 22.6 34.0

279 3.2 3.3 4.9#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2279

Delta R.T. -0.00 min

Lab File: BF121479.D

Acq: 31 Aug 2020 15:57

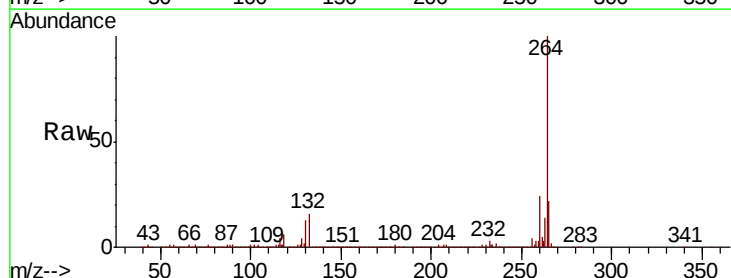
Tgt Ion:264 Resp: 833099

Ion Ratio Lower Upper

264 100

260 24.0 19.6 29.4

265 21.5 17.8 26.6



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

