

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
 Data File : BP001637.D
 Acq On : 16 Jan 2020 20:24
 Operator : JU
 Sample : L1148-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-29-(4-6)

Quant Time: Jan 17 04:55:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 14 21:52:04 2020
 Response via : Initial Calibration

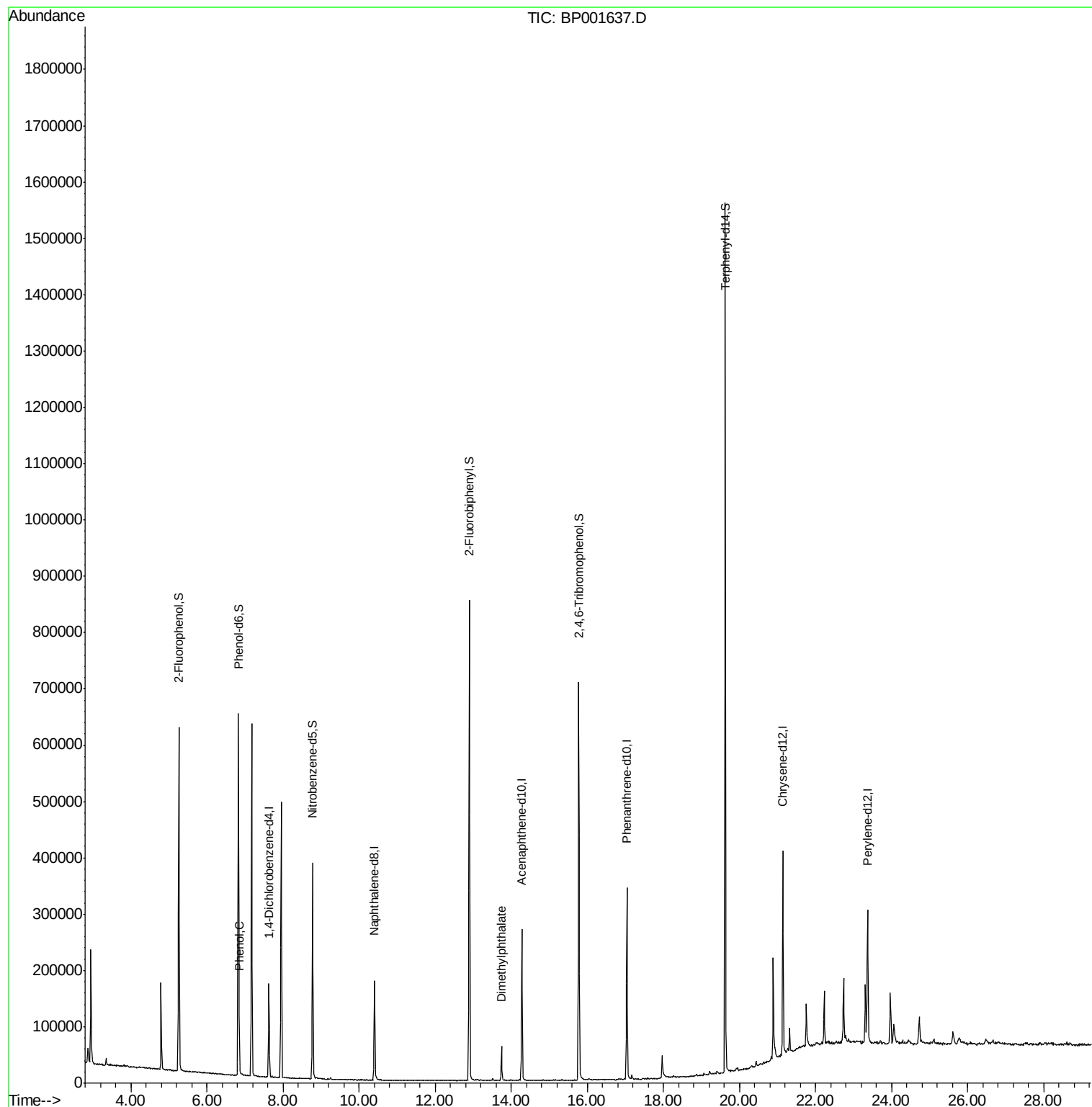
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	35785	20.00	ng	-0.01
21) Naphthalene-d8	10.40	136	127793	20.00	ng	-0.01
39) Acenaphthene-d10	14.27	164	85401	20.00	ng	-0.01
64) Phenanthrene-d10	17.04	188	193899	20.00	ng	-0.01
76) Chrysene-d12	21.14	240	169208	20.00	ng	-0.01
87) Perylene-d12	23.37	264	169487	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	193253	105.79	ng	0.00
7) Phenol-d6	6.83	99	283526	97.11	ng	0.00
23) Nitrobenzene-d5	8.77	82	194904	66.65	ng	-0.01
42) 2,4,6-Tribromophenol	15.78	330	111595	85.84	ng	-0.01
45) 2-Fluorobiphenyl	12.89	172	400262	68.91	ng	-0.01
79) Terphenyl-d14	19.63	244	677129	73.19	ng	-0.01
Target Compounds						
10) Phenol	6.85	94	6744	2.233	ng	83
50) Dimethylphthalate	13.74	163	36007	5.119	ng	97

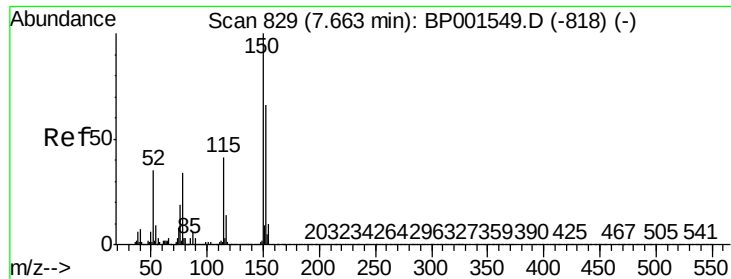
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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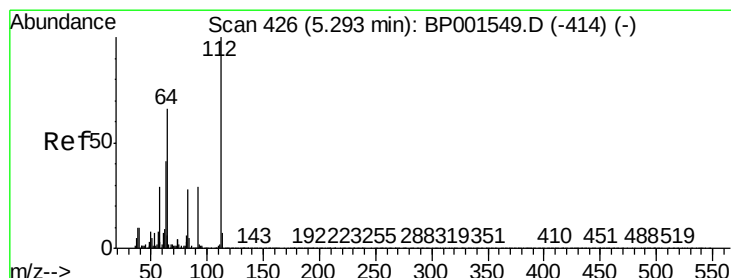
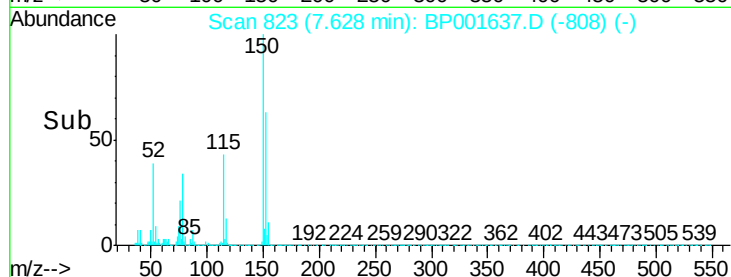
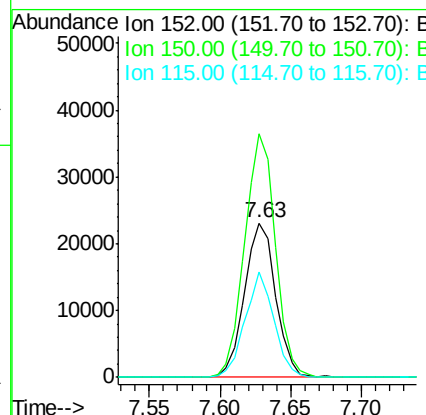
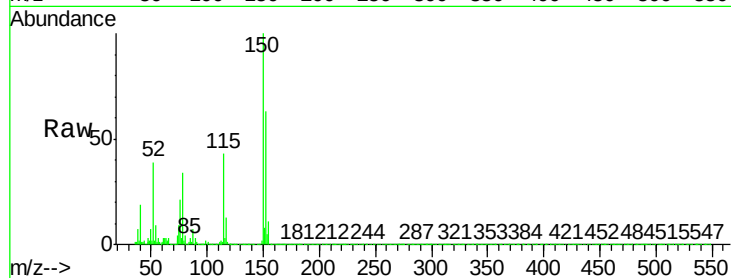




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.63 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BP001637.D
 Acq: 16 Jan 2020 20:24

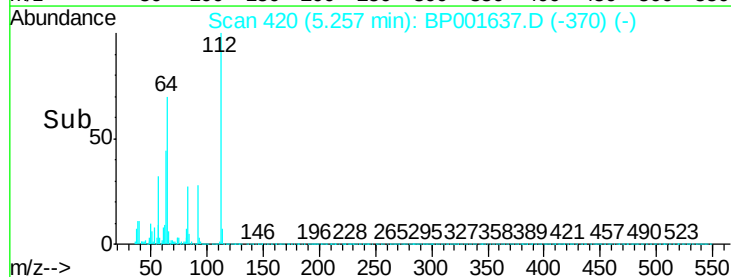
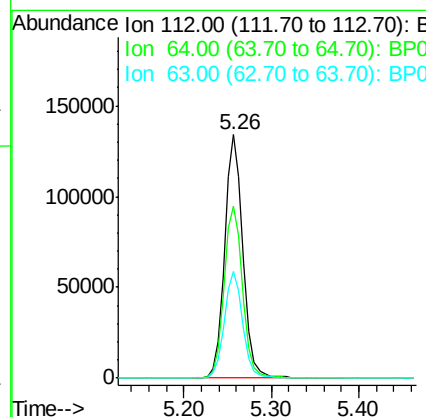
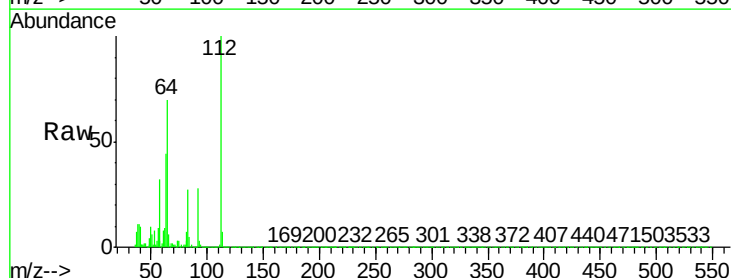
Instrument :
 BNA_P
 ClientSampleId :
 SB-29-(4-6)

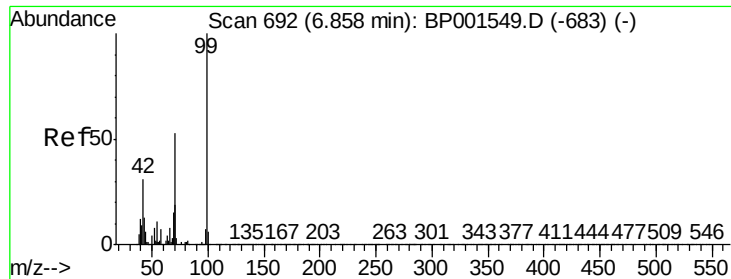
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	122.0	183.0
115	68.1	50.7	76.1



#5
 2-Fluorophenol
 Concen: 105.788 ng
 RT: 5.26 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: BP001637.D
 Acq: 16 Jan 2020 20:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.4	52.8	79.2
63	43.7	33.1	49.7





#7

Phenol-d6

Concen: 97.113 ng

RT: 6.83 min Scan# 687

Delta R.T. -0.01 min

Lab File: BP001637.D

Acq: 16 Jan 2020 20:24

Instrument :

BNA_P

ClientSampleId :

SB-29-(4-6)

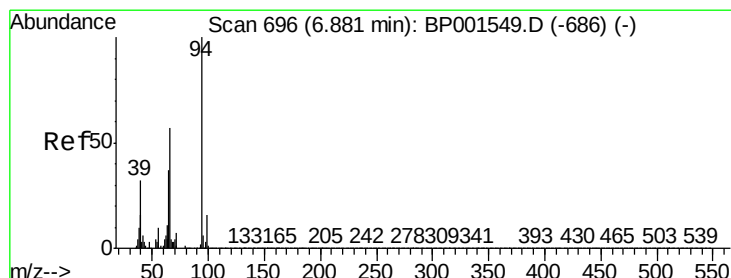
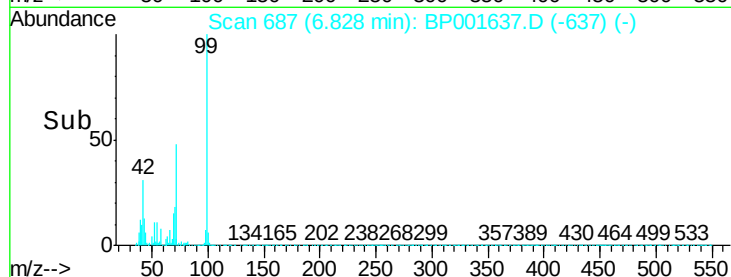
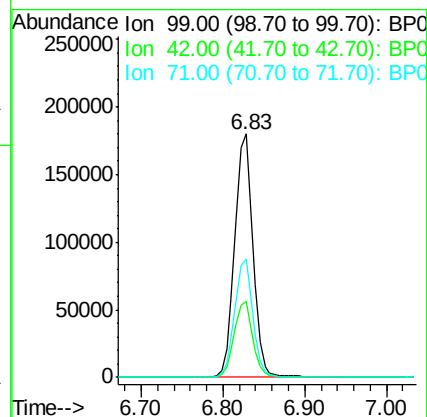
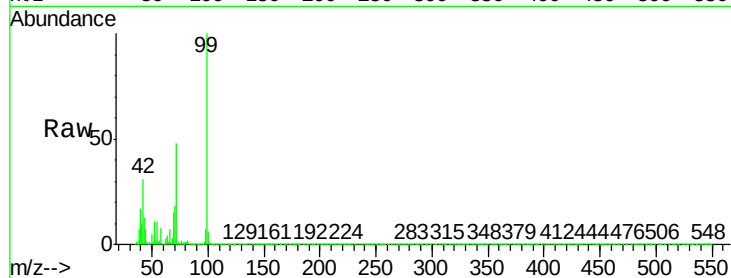
Tot Ion: 99 Resp: 283526

Ion Ratio Lower Upper

99 100

42 31.2 24.5 36.7

71 48.4 42.4 63.6



#10

Phenol

Concen: 2.233 ng

RT: 6.85 min Scan# 691

Delta R.T. -0.01 min

Lab File: BP001637.D

Acq: 16 Jan 2020 20:24

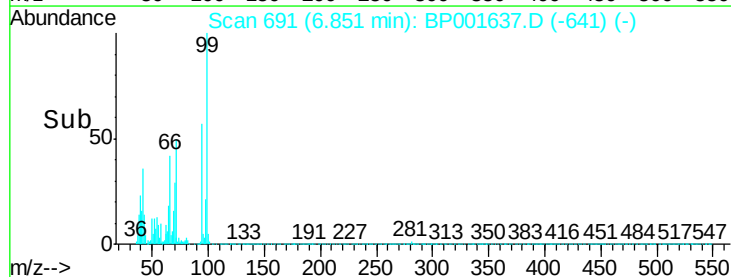
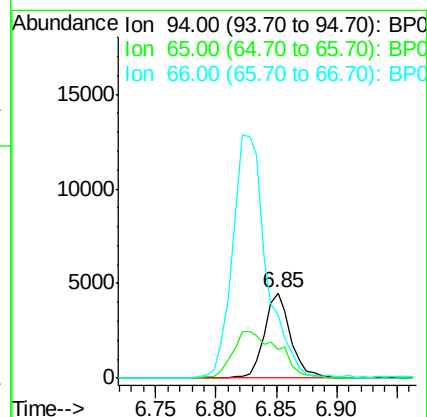
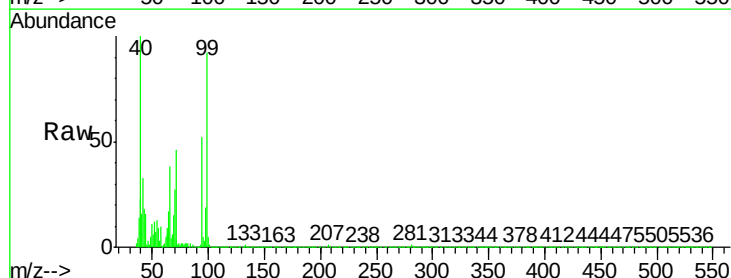
Tgt Ion: 94 Resp: 6744

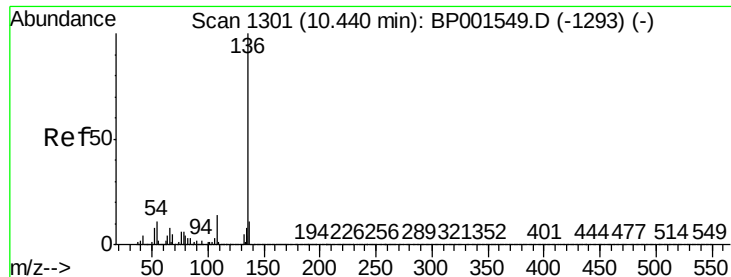
Ion Ratio Lower Upper

94 100

65 32.8 17.5 57.5

66 73.6 36.7 76.7

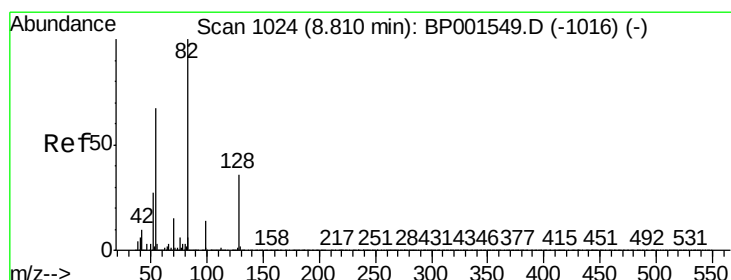
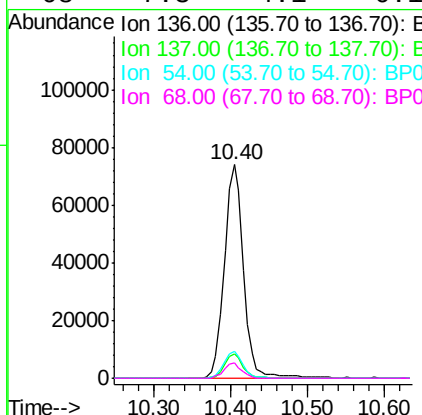
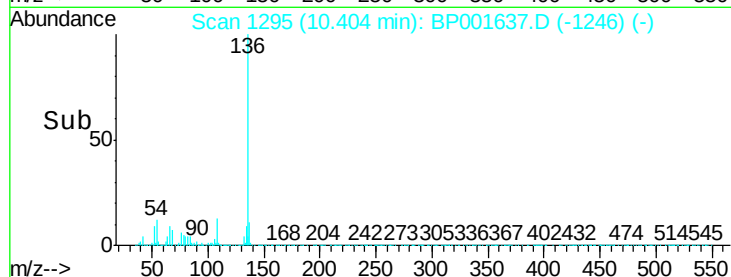
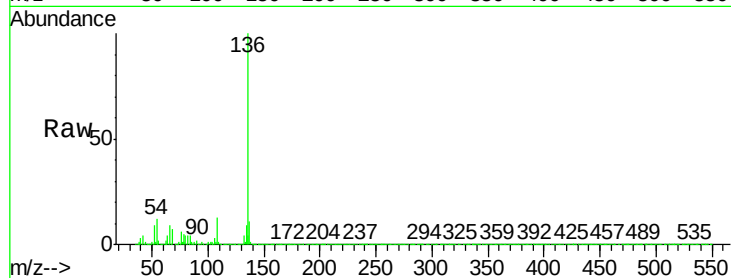




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.40 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BP001637.D
Acq: 16 Jan 2020 20:24

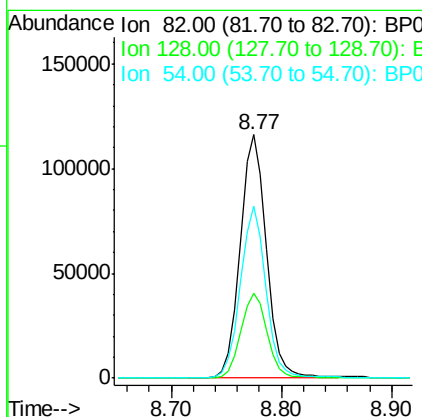
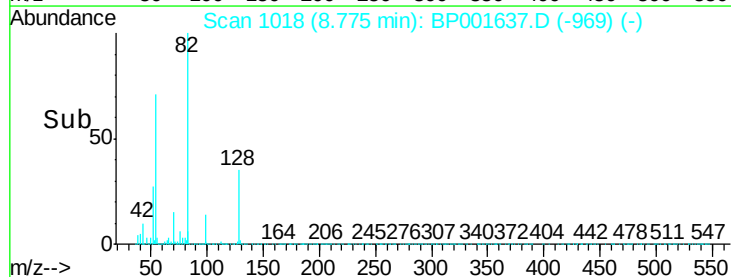
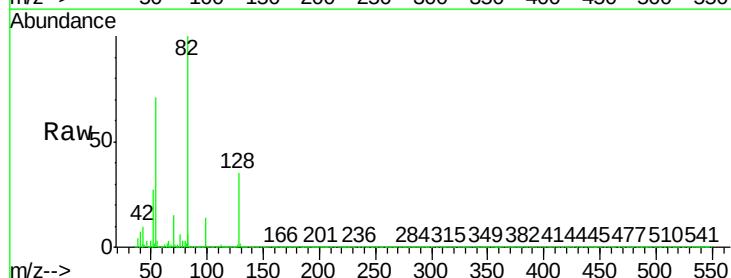
Instrument :
BNA_P
ClientSampleId :
SB-29-(4-6)

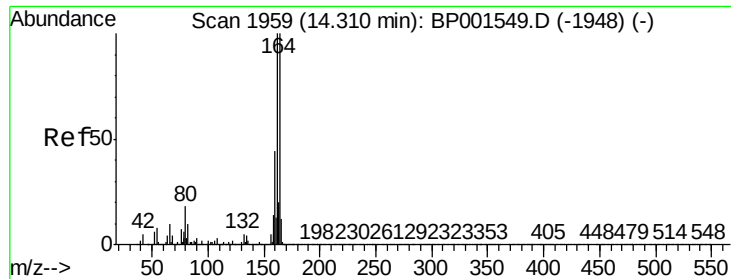
Tot Ion:136	Resp:	127793
Ion Ratio	Lower	Upper
136 100		
137 11.1	8.6	12.8
54 12.4	9.2	13.8
68 7.3	4.1	6.1#



#23
Nitrobenzene-d5
Concen: 66.645 ng
RT: 8.77 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BP001637.D
Acq: 16 Jan 2020 20:24

Tgt Ion	82	Resp: Lower	194904 Upper
	Ratio 100		
128	34.7	28.4	42.6
54	70.6	53.4	80.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.27 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BP001637.D

Acq: 16 Jan 2020 20:24

Instrument :

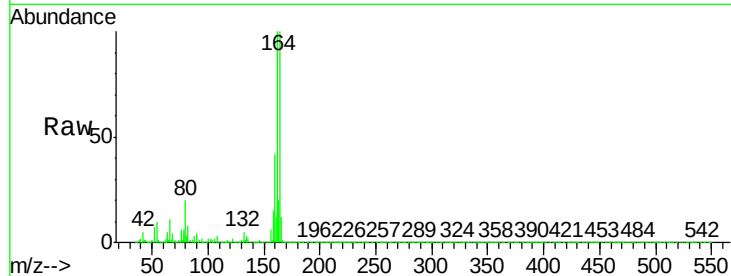
BNA_P

ClientSampleId :

SB-29-(4-6)

Tot Ion:164 Resp: 85401

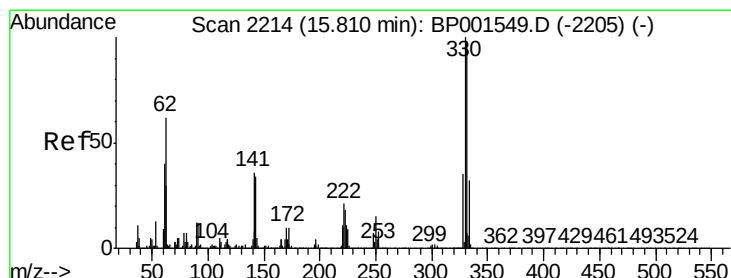
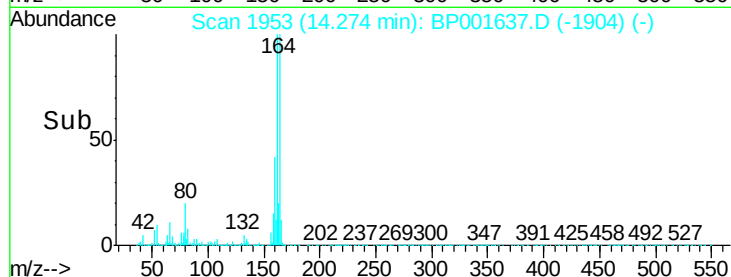
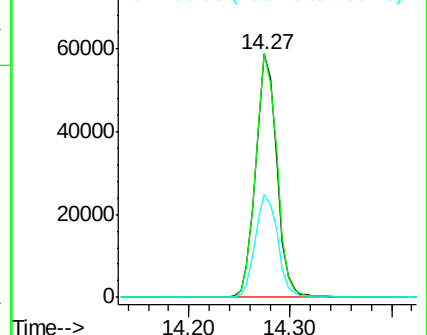
Ion	Ratio	Lower	Upper
164	100		
162	99.8	79.8	119.6
160	42.3	35.0	52.6



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: 85.844 ng

RT: 15.78 min Scan# 2209

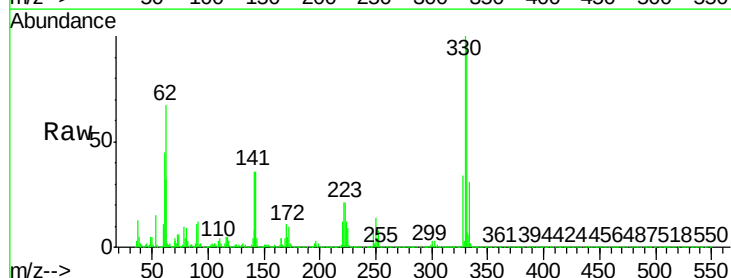
Delta R.T. -0.01 min

Lab File: BP001637.D

Acq: 16 Jan 2020 20:24

Tgt Ion:330 Resp: 111595

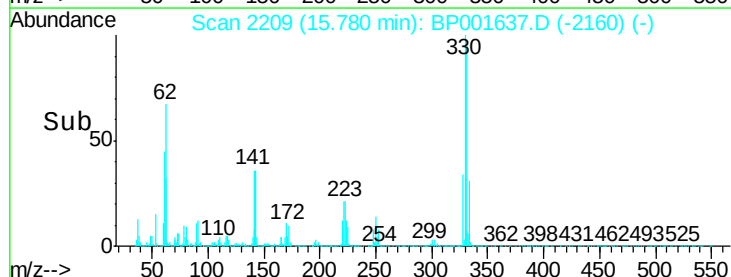
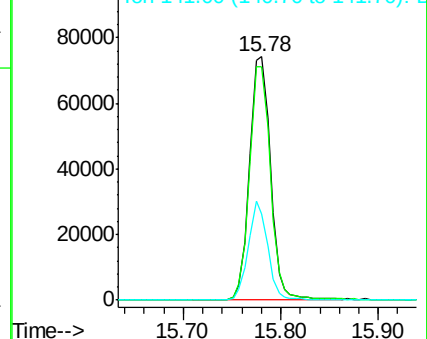
Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.8	116.6
141	37.6	28.7	43.1

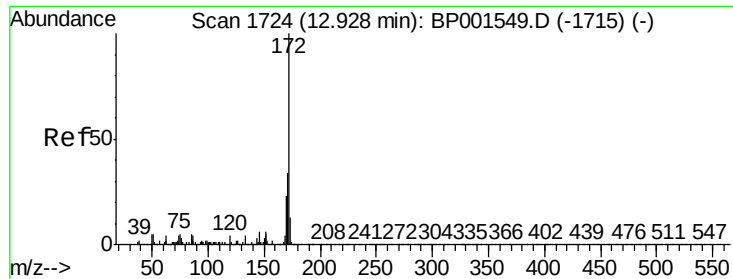


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

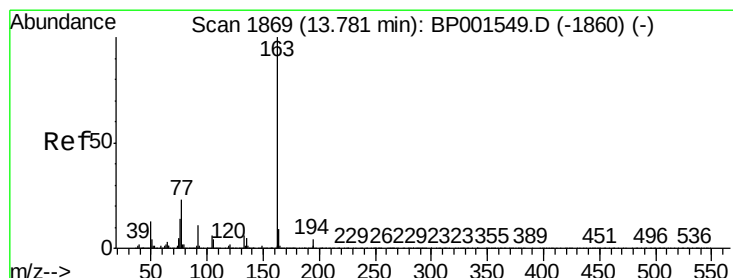
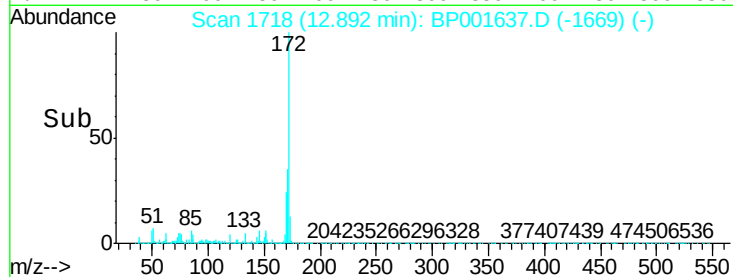
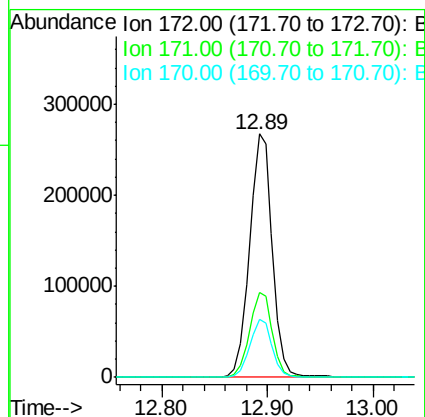
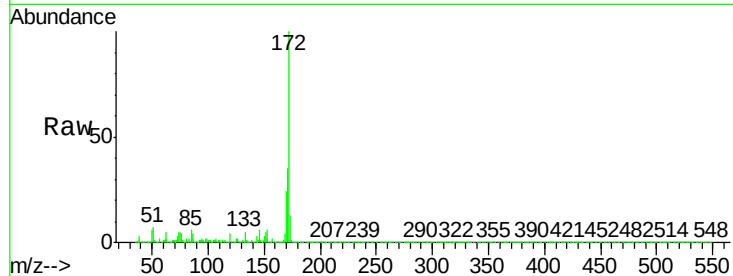




#45
2-Fluorobiphenyl
Concen: 68.910 ng
RT: 12.89 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BP001637.D
Acq: 16 Jan 2020 20:24

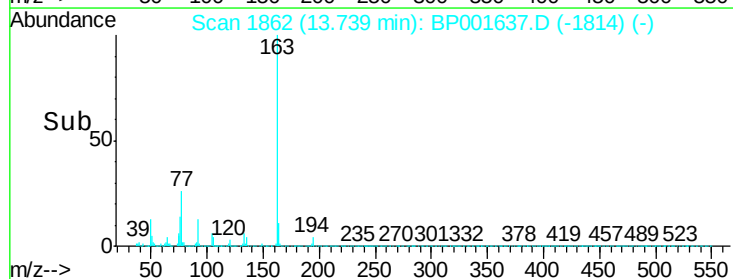
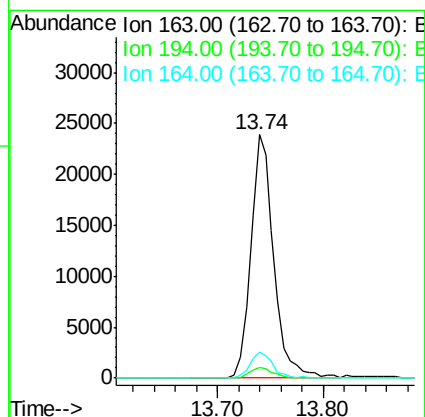
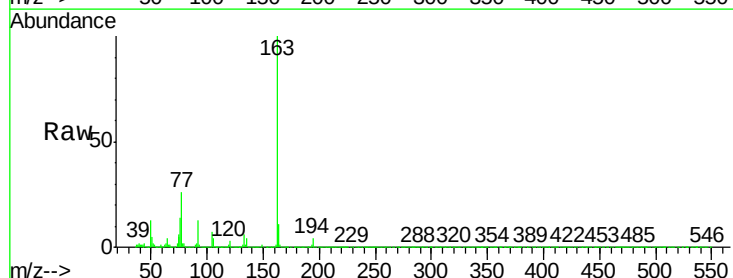
Instrument :
BNA_P
ClientSampleId :
SB-29-(4-6)

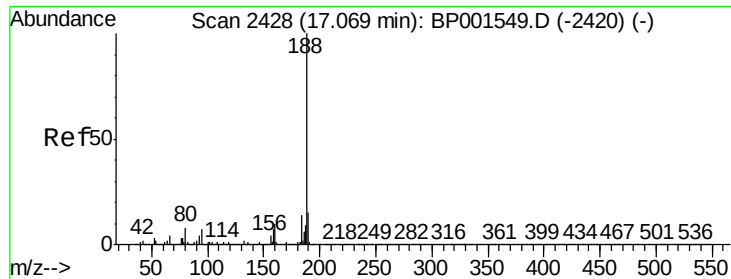
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.6	41.4
170	23.6	18.3	27.5



#50
Dimethylphthalate
Concen: 5.119 ng
RT: 13.74 min Scan# 1862
Delta R.T. -0.02 min
Lab File: BP001637.D
Acq: 16 Jan 2020 20:24

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.6	5.4
164	10.9	7.5	11.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.04 min Scan# 2423

Delta R.T. -0.01 min

Lab File: BP001637.D

Acq: 16 Jan 2020 20:24

Instrument :

BNA_P

ClientSampleId :

SB-29-(4-6)

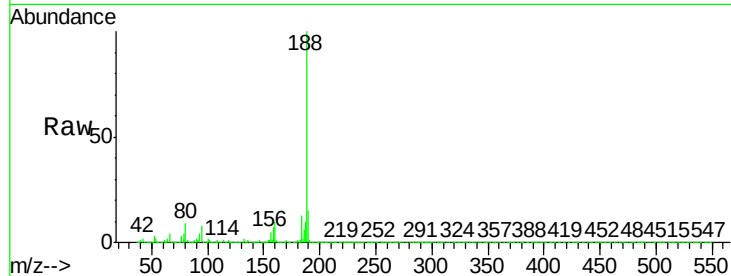
Tot Ion:188 Resp: 193899

Ion Ratio Lower Upper

188 100

94 8.0 5.9 8.9

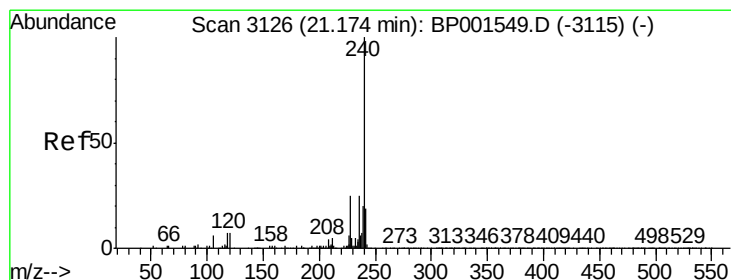
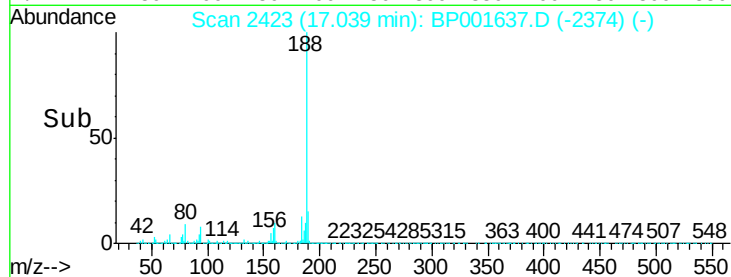
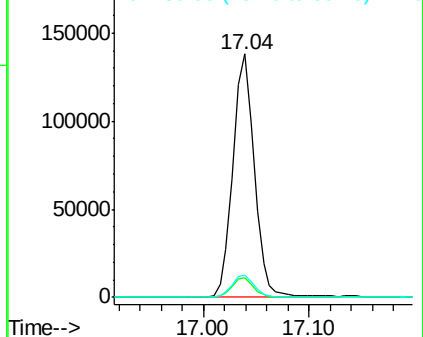
80 9.1 6.8 10.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.14 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BP001637.D

Acq: 16 Jan 2020 20:24

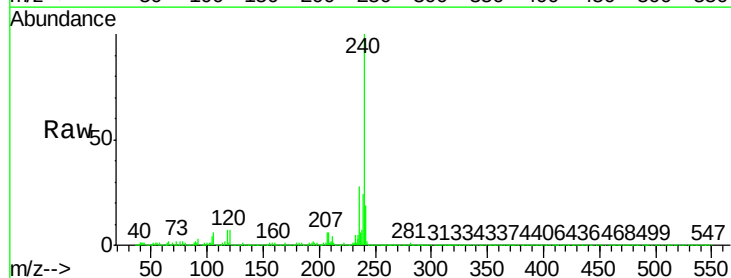
Tgt Ion:240 Resp: 169208

Ion Ratio Lower Upper

240 100

120 6.7 5.7 8.5

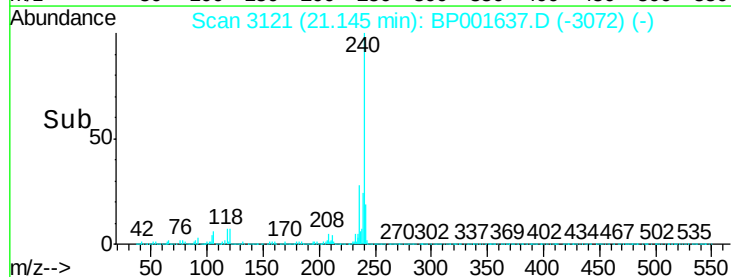
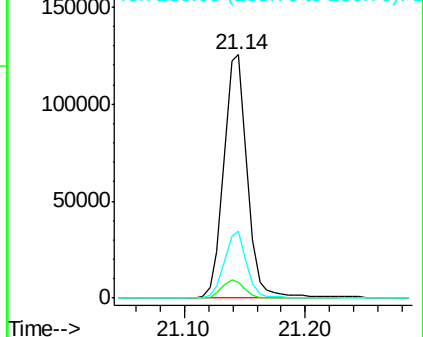
236 27.6 20.4 30.6

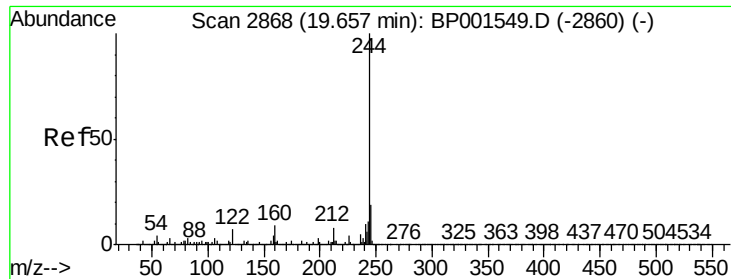


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 73.193 ng

RT: 19.63 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BP001637.D

Acq: 16 Jan 2020 20:24

Instrument :

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ClientSampleId :

SB-29-(4-6)

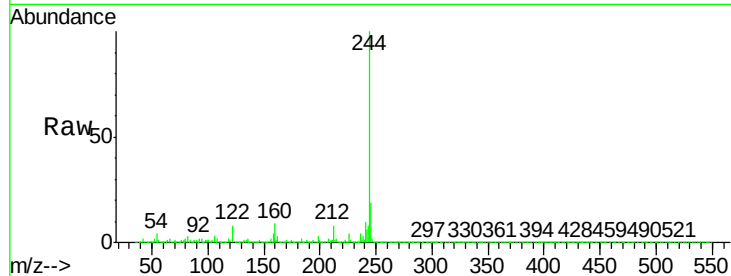
Tot Ion:244 Resp: 677129

Ion Ratio Lower Upper

244 100

212 7.8 6.3 9.5

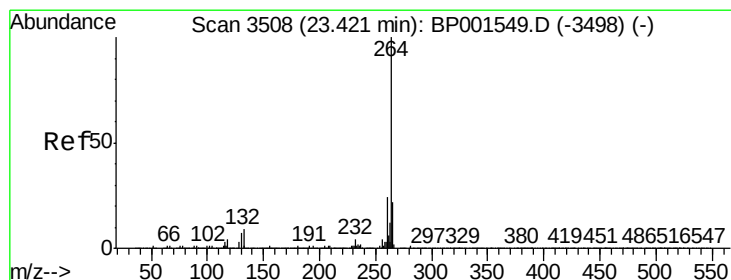
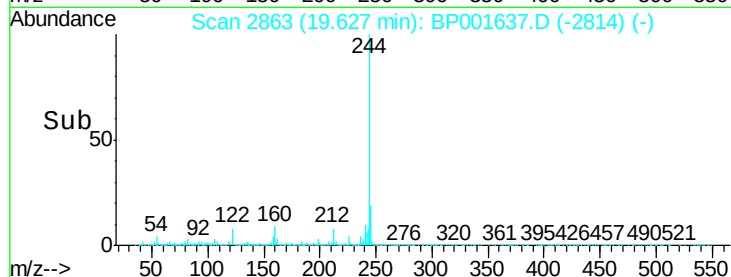
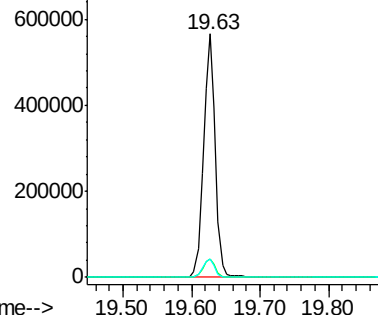
122 7.7 5.8 8.6



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: 23.37 min Scan# 3499

Delta R.T. -0.02 min

Lab File: BP001637.D

Acq: 16 Jan 2020 20:24

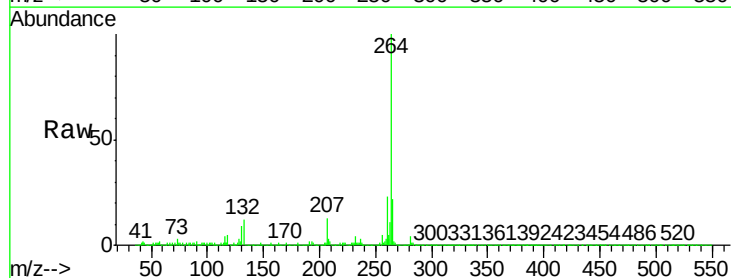
Tgt Ion:264 Resp: 169487

Ion Ratio Lower Upper

264 100

260 23.1 19.0 28.6

265 21.8 18.2 27.4



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

