

Data File : BP001627.D
Acq On : 16 Jan 2020 01:16
Operator : JU
Sample : L1111-07 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CONCRETE-FLOOR

Quant Time: Jan 16 06:07:15 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

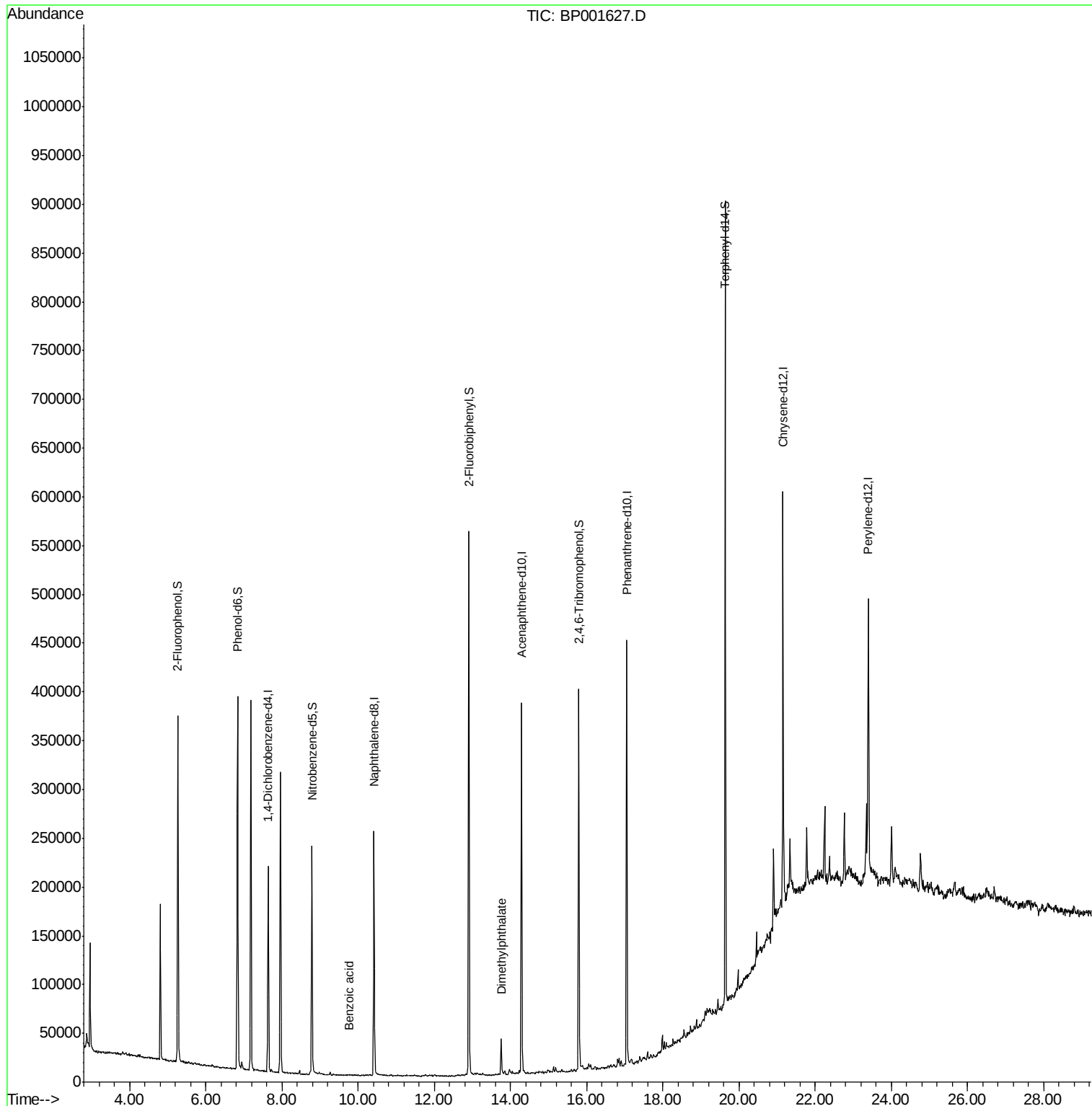
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	48611	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	181595	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	117179	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	248158	20.00	ng	0.00
76) Chrysene-d12	21.15	240	184346	20.00	ng	0.00
87) Perylene-d12	23.39	264	197944	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	114704	46.22	ng	0.00
7) Phenol-d6	6.83	99	174341	43.96	ng	0.00
23) Nitrobenzene-d5	8.78	82	123830	29.80	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	63378	35.53	ng	0.00
45) 2-Fluorobiphenyl	12.90	172	269610	33.83	ng	0.00
79) Terphenyl-d14	19.63	244	366145	36.33	ng	0.00
Target Compounds						
32) Benzoic acid	9.76	122	32	4.717	ng	# 15
50) Dimethylphthalate	13.75	163	20392	2.113	ng	# 95

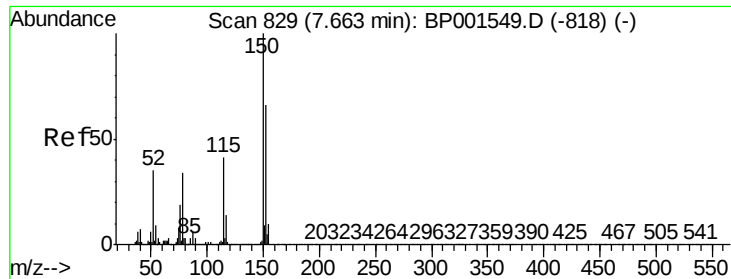
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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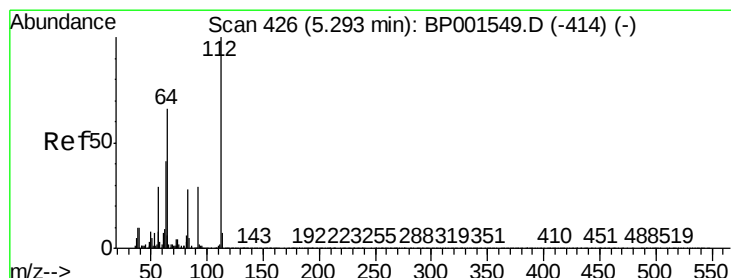
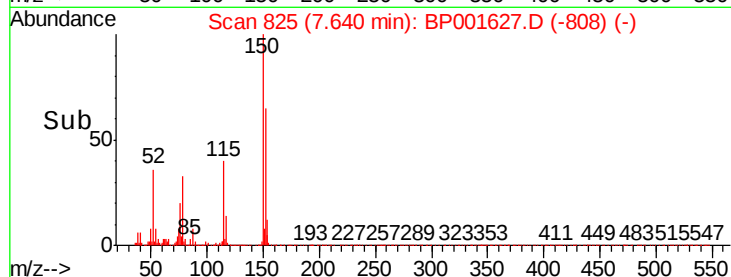
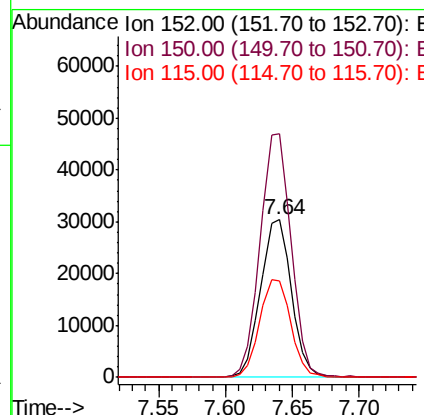
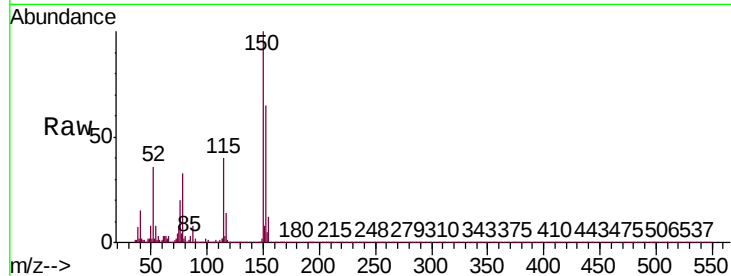




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.64 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BP001627.D
 Acq: 16 Jan 2020 01:16

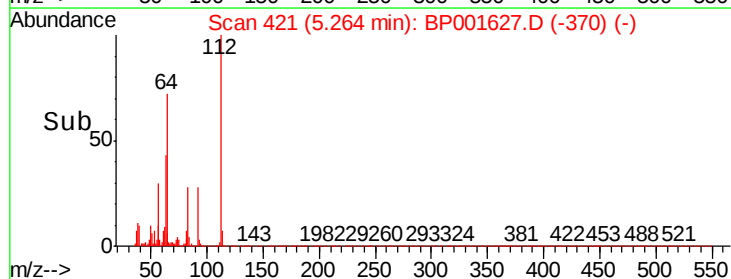
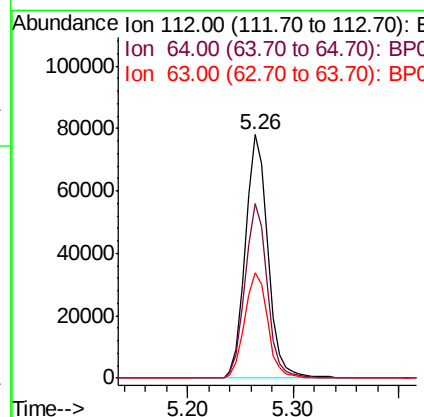
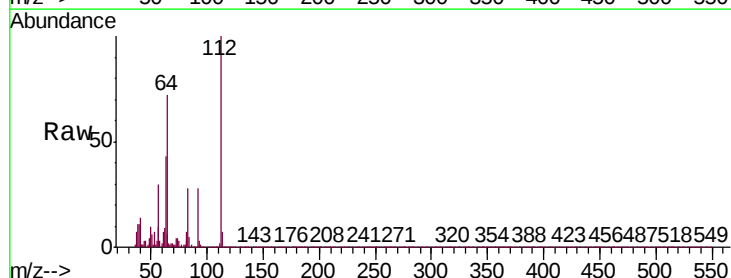
Instrument :
 BNA_P
 ClientSampleId :
 CONCRETE-FLOOR

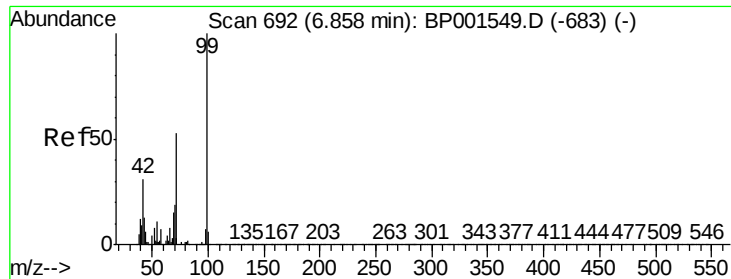
Tgt Ion:152 Resp: 48611
 Ion Ratio Lower Upper
 152 100
 150 154.5 122.0 183.0
 115 61.2 50.7 76.1



#5
 2-Fluorophenol
 Concen: 46.223 ng
 RT: 5.26 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: BP001627.D
 Acq: 16 Jan 2020 01:16

Tgt Ion:112 Resp: 114704
 Ion Ratio Lower Upper
 112 100
 64 71.7 52.8 79.2
 63 43.4 33.1 49.7





#7

Phenol-d6

Concen: 43.959 ng

RT: 6.83 min Scan# 688

Delta R.T. 0.00 min

Lab File: BP001627.D

Acq: 16 Jan 2020 01:16

Instrument :

BNA_P

ClientSampleId :

CONCRETE-FLOOR

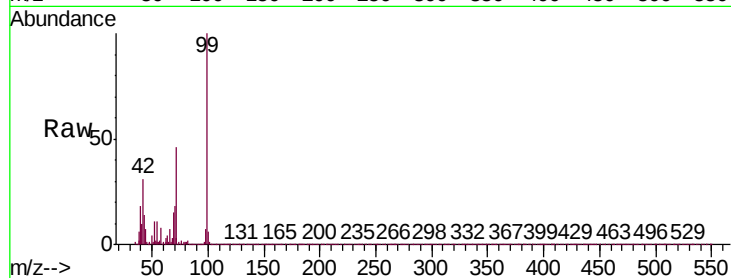
Tgt Ion: 99 Resp: 174341

Ion Ratio Lower Upper

99 100

42 31.5 24.5 36.7

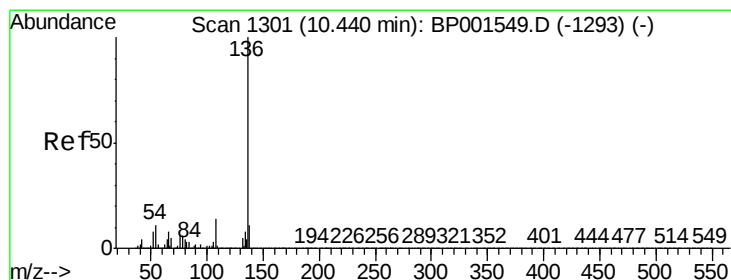
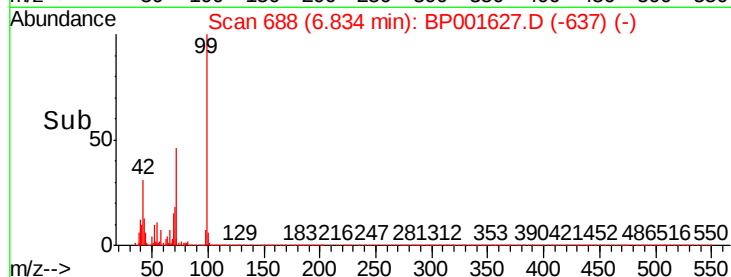
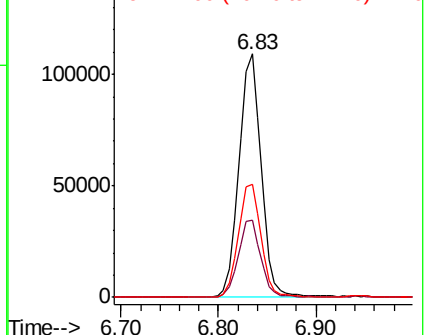
71 46.3 42.4 63.6



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.42 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BP001627.D

Acq: 16 Jan 2020 01:16

Tgt Ion: 136 Resp: 181595

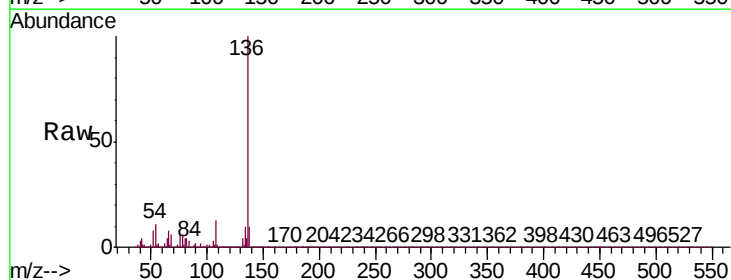
Ion Ratio Lower Upper

136 100

137 9.8 8.6 12.8

54 11.3 9.2 13.8

68 5.8 4.1 6.1

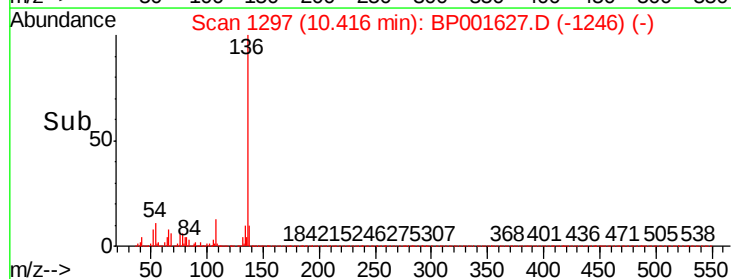
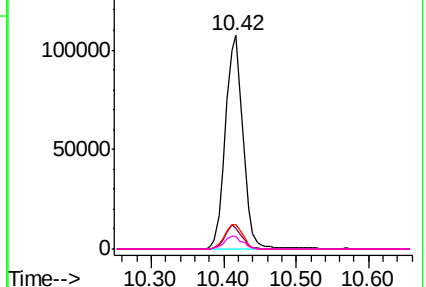


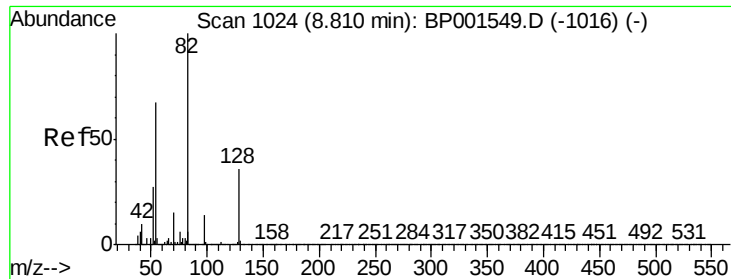
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0

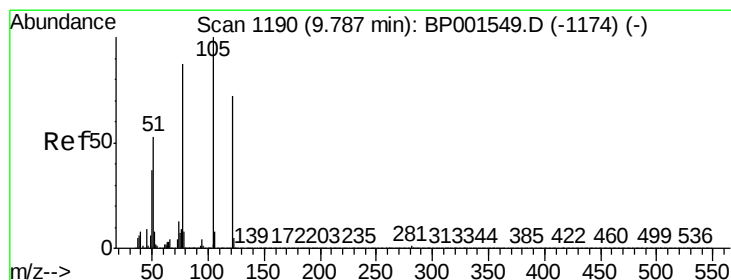
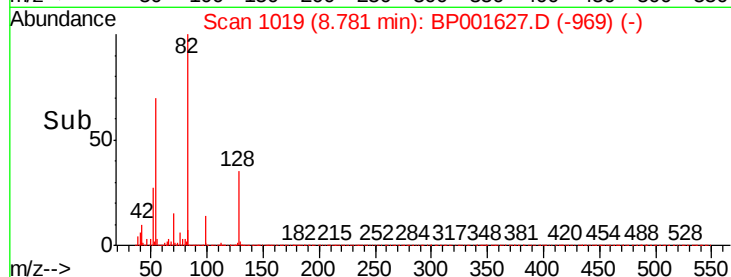
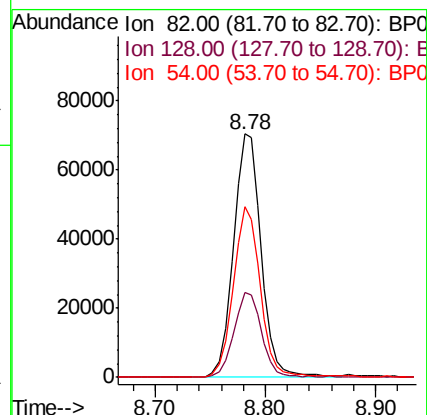
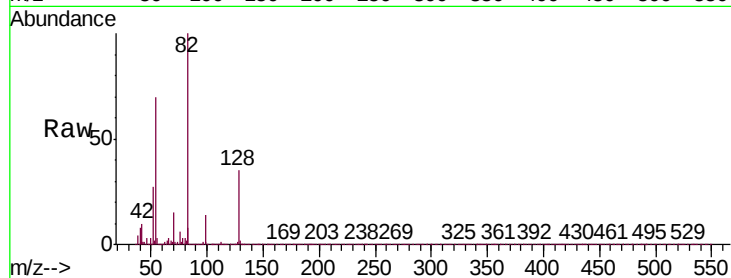




#23
Nitrobenzene-d5
Concen: 29.797 ng
RT: 8.78 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BP001627.D
Acq: 16 Jan 2020 01:16

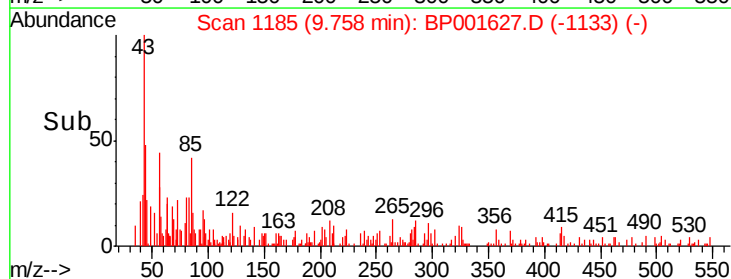
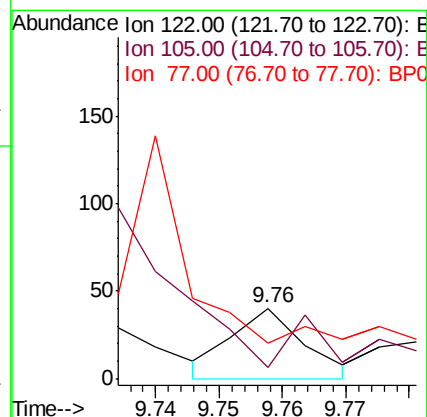
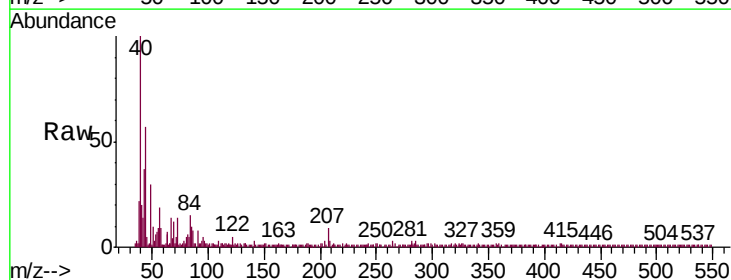
Instrument :
BNA_P
ClientSampleId :
CONCRETE-FLOOR

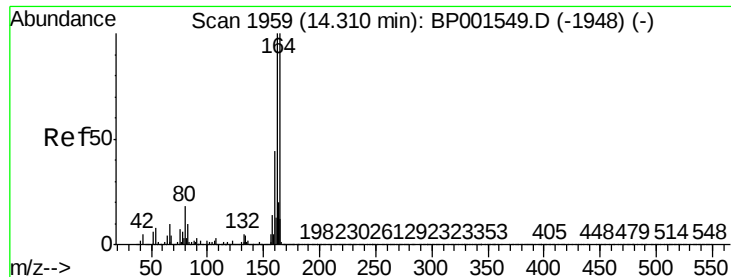
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.0	28.4	42.6
54	70.0	53.4	80.2



#32
Benzoic acid
Concen: 4.717 ng
RT: 9.76 min Scan# 1185
Delta R.T. 0.01 min
Lab File: BP001627.D
Acq: 16 Jan 2020 01:16

Tgt Ion	Ratio	Lower	Upper
122	100		
105	15.0	119.5	159.5#
77	50.0	102.8	142.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.29 min Scan# 1955

Delta R.T. 0.00 min

Lab File: BP001627.D

Acq: 16 Jan 2020 01:16

Instrument :

BNA_P

ClientSampleId :

CONCRETE-FLOOR

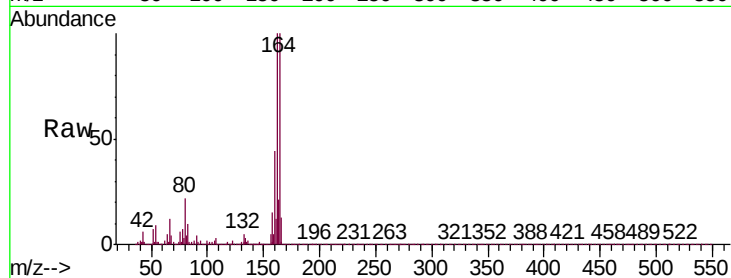
Tgt Ion:164 Resp: 117179

Ion Ratio Lower Upper

164 100

162 100.0 79.8 119.6

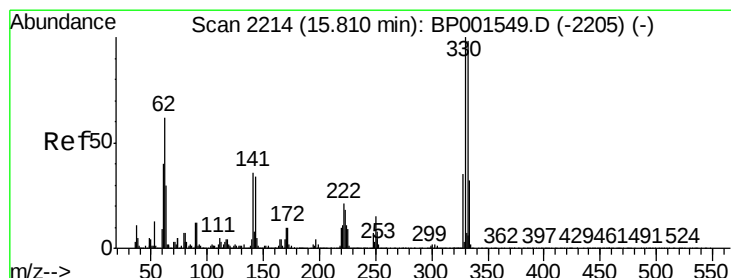
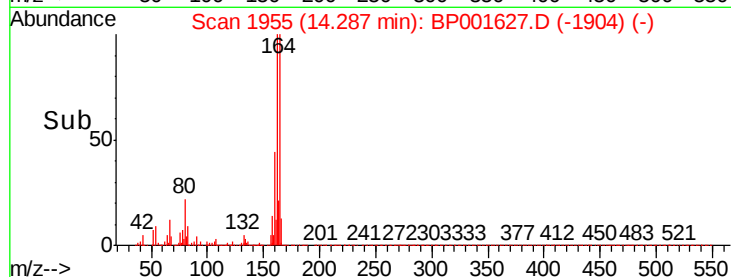
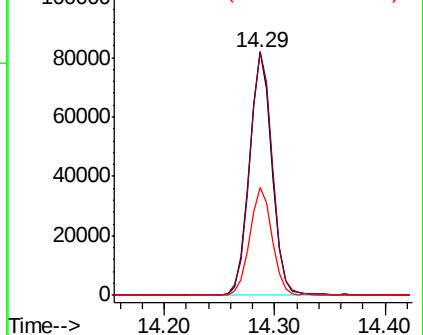
160 44.4 35.0 52.6



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: 35.532 ng

RT: 15.79 min Scan# 2210

Delta R.T. -0.01 min

Lab File: BP001627.D

Acq: 16 Jan 2020 01:16

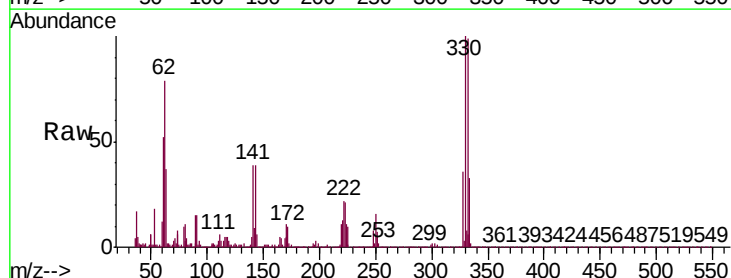
Tgt Ion:330 Resp: 63378

Ion Ratio Lower Upper

330 100

332 94.5 77.8 116.6

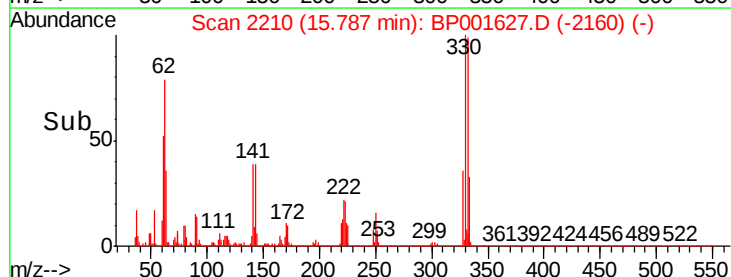
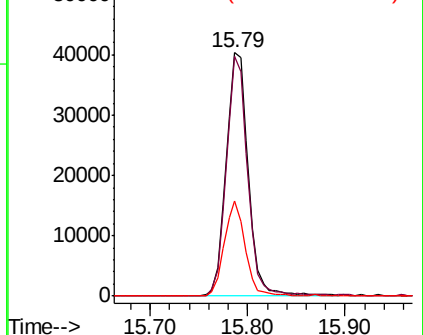
141 37.1 28.7 43.1

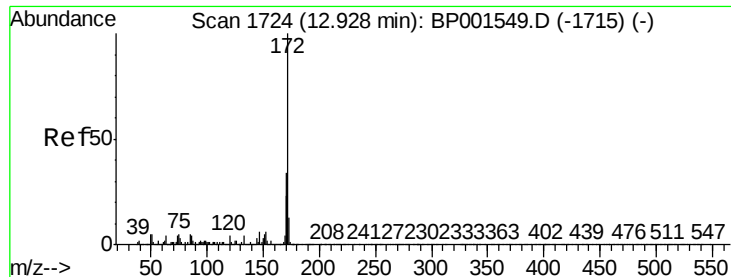


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

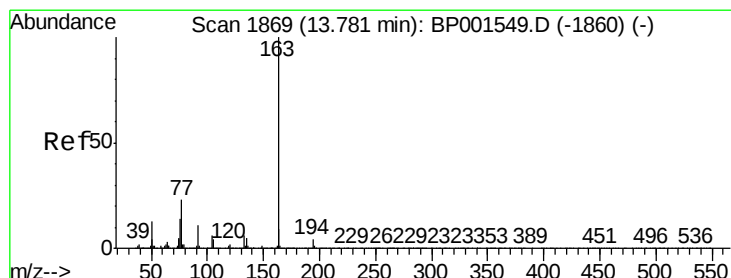
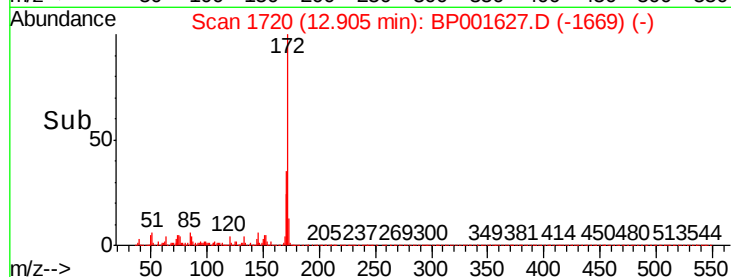
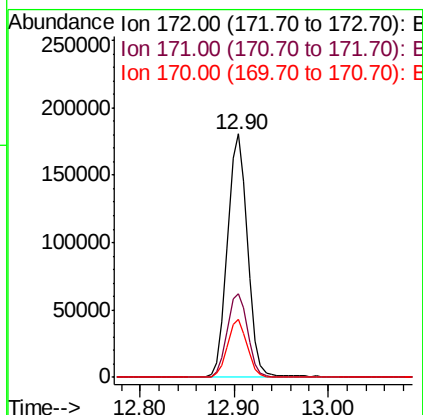
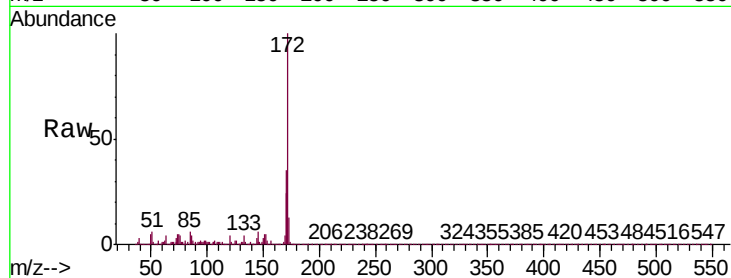




#45
2-Fluorobiphenyl
Concen: 33.829 ng
RT: 12.90 min Scan# 1720
Delta R.T. 0.00 min
Lab File: BP001627.D
Acq: 16 Jan 2020 01:16

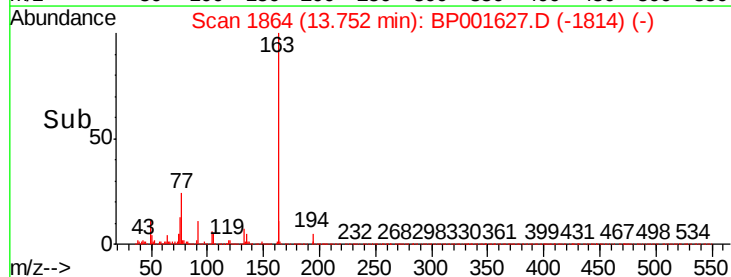
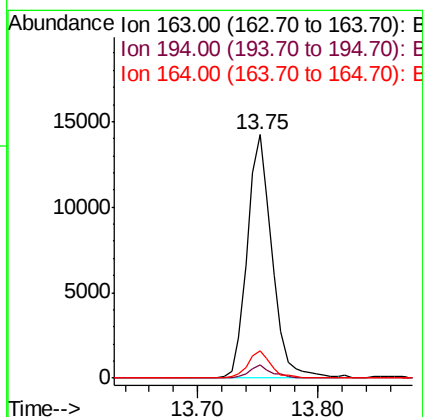
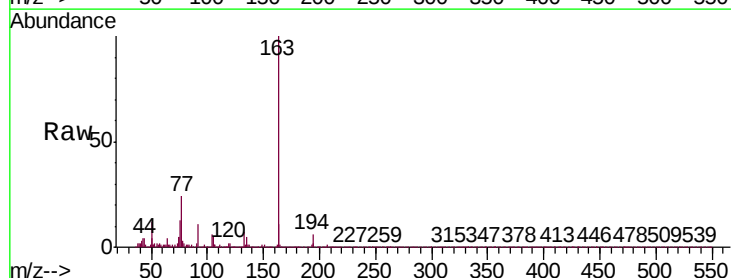
Instrument :
BNA_P
ClientSampleId :
CONCRETE-FLOOR

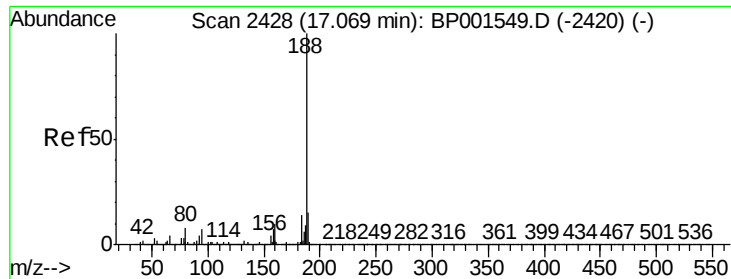
Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.6	41.4
170	23.6	18.3	27.5



#50
Dimethylphthalate
Concen: 2.113 ng
RT: 13.75 min Scan# 1864
Delta R.T. -0.01 min
Lab File: BP001627.D
Acq: 16 Jan 2020 01:16

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.6	3.6	5.4#
164	11.5	7.5	11.3#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.05 min Scan# 2425

Delta R.T. 0.00 min

Lab File: BP001627.D

Acq: 16 Jan 2020 01:16

Instrument :

BNA_P

ClientSampleId :

CONCRETE-FLOOR

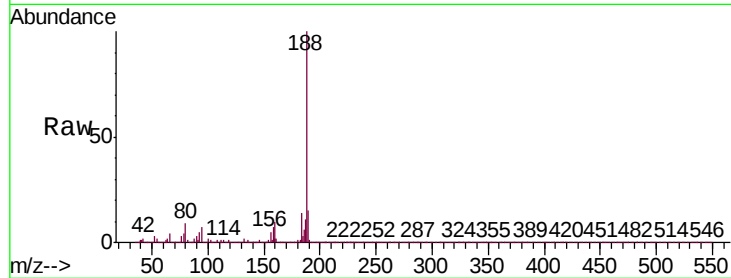
Tgt Ion:188 Resp: 248158

Ion Ratio Lower Upper

188 100

94 7.3 5.9 8.9

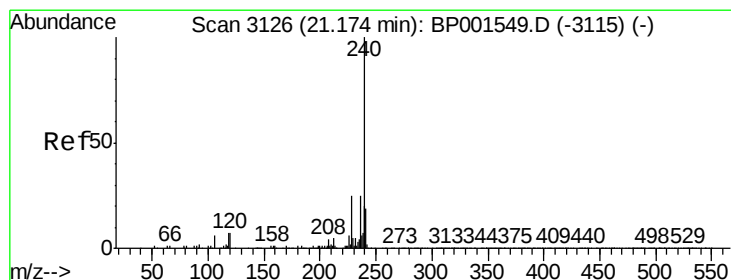
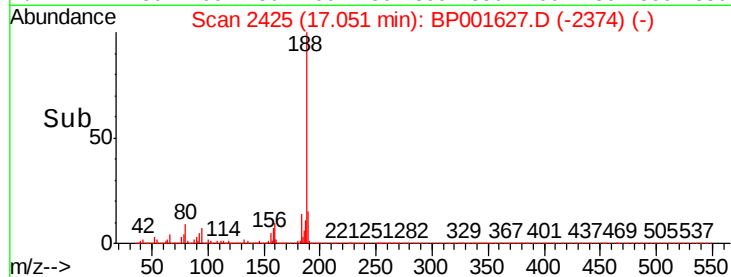
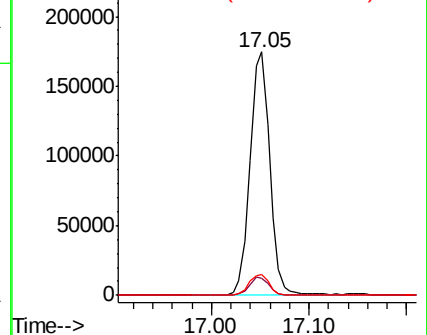
80 8.6 6.8 10.2



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: 21.15 min Scan# 3122

Delta R.T. -0.01 min

Lab File: BP001627.D

Acq: 16 Jan 2020 01:16

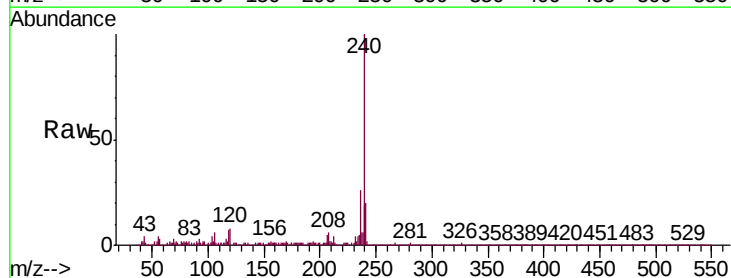
Tgt Ion:240 Resp: 184346

Ion Ratio Lower Upper

240 100

120 7.7 5.7 8.5

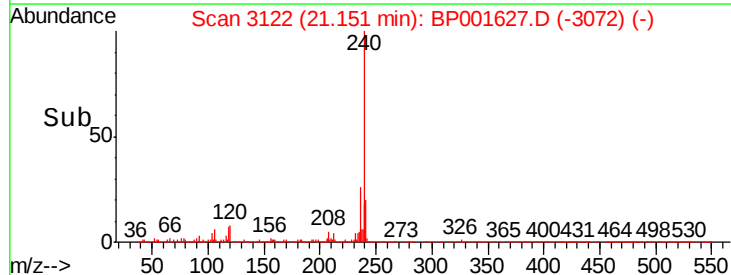
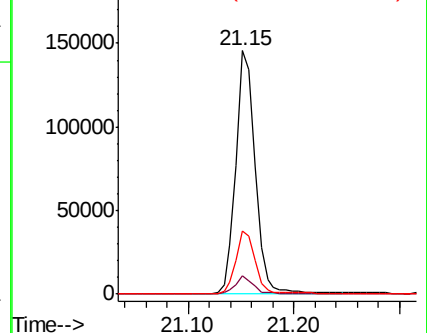
236 25.9 20.4 30.6

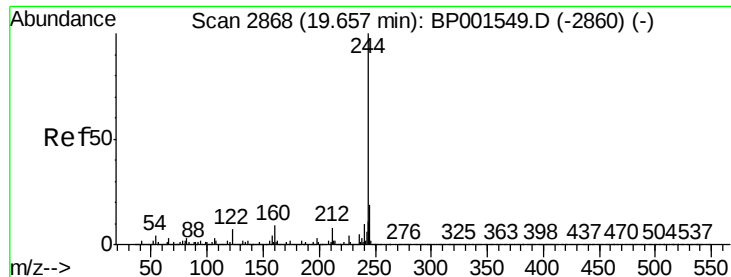


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 36.328 ng

RT: 19.63 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BP001627.D

Acq: 16 Jan 2020 01:16

Instrument :

BNA_P

ClientSampleId :

CONCRETE-FLOOR

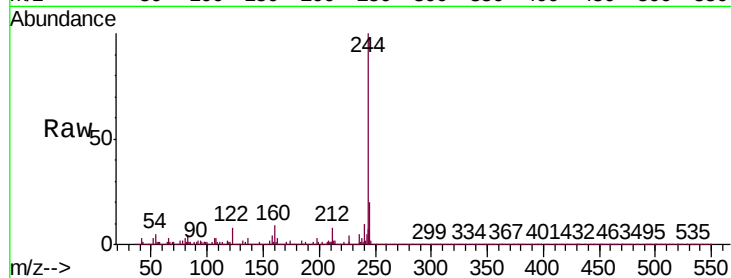
Tgt Ion:244 Resp: 366145

Ion Ratio Lower Upper

244 100

212 8.2 6.3 9.5

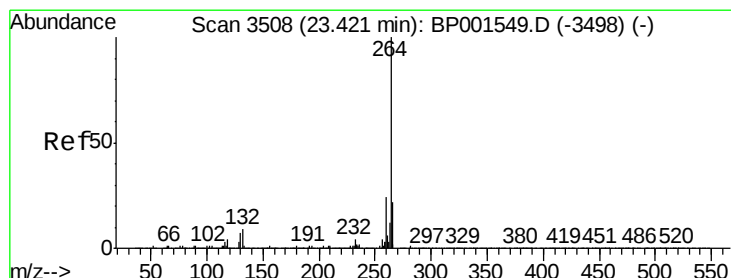
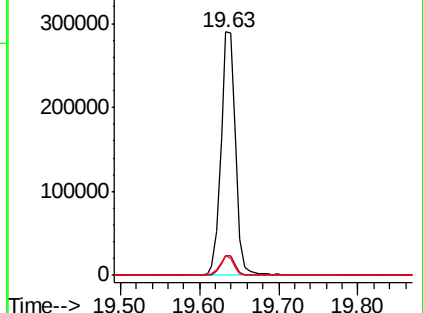
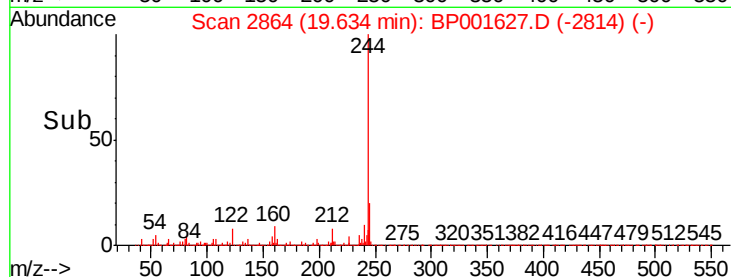
122 8.3 5.8 8.6



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: 23.39 min Scan# 3502

Delta R.T. -0.01 min

Lab File: BP001627.D

Acq: 16 Jan 2020 01:16

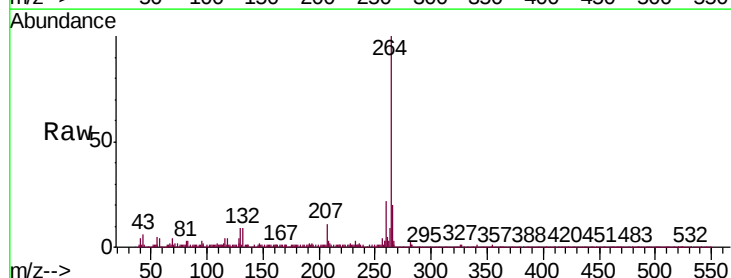
Tgt Ion:264 Resp: 197944

Ion Ratio Lower Upper

264 100

260 22.4 19.0 28.6

265 20.3 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

