

Data File : BP001613.D
Acq On : 15 Jan 2020 17:24
Operator : JU
Sample : L1126-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BW-2-45.0

Quant Time: Jan 16 06:00:59 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

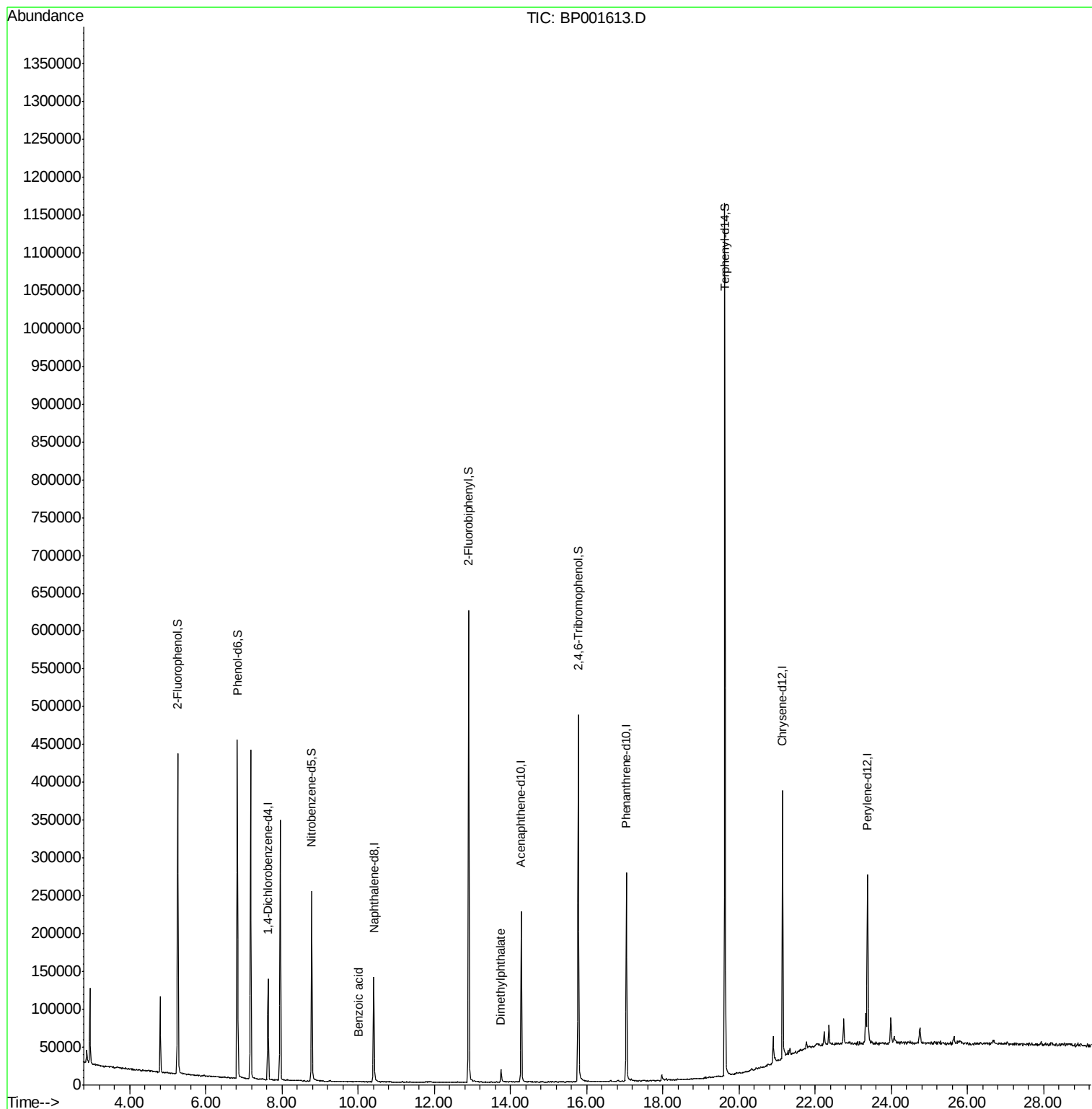
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	29114	20.00	ng	0.00
21) Naphthalene-d8	10.41	136	103739	20.00	ng	0.00
39) Acenaphthene-d10	14.28	164	71485	20.00	ng	0.00
64) Phenanthrene-d10	17.04	188	164310	20.00	ng	-0.01
76) Chrysene-d12	21.15	240	157830	20.00	ng	-0.01
87) Perylene-d12	23.37	264	168285	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	135137	90.93	ng	0.00
7) Phenol-d6	6.83	99	186617	78.57	ng	0.00
23) Nitrobenzene-d5	8.78	82	132318	55.74	ng	0.00
42) 2,4,6-Tribromophenol	15.78	330	75033	68.96	ng	-0.01
45) 2-Fluorobiphenyl	12.90	172	287745	59.18	ng	0.00
79) Terphenyl-d14	19.63	244	507844	58.85	ng	-0.01
Target Compounds						
32) Benzoic acid	10.01	122	5	4.707	ng	96
50) Dimethylphthalate	13.75	163	12587	2.138	ng	97

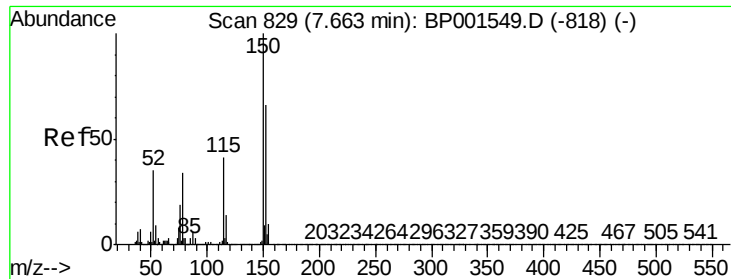
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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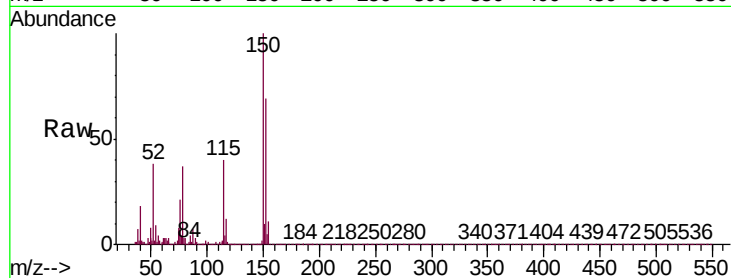




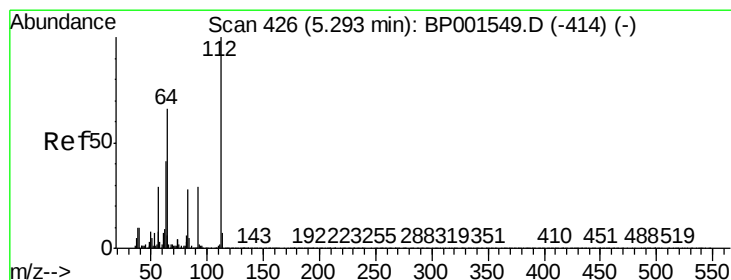
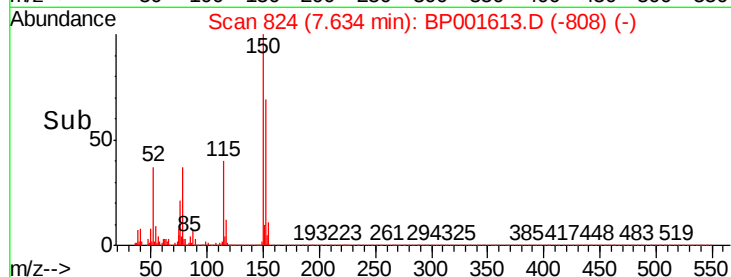
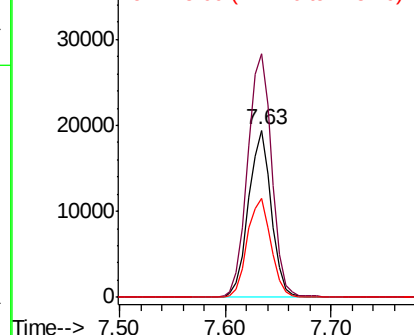
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 824
Delta R.T. -0.01 min
Lab File: BP001613.D
Acq: 15 Jan 2020 17:24

Instrument :
BNA_P
ClientSampleId :
BW-2-45.0

Tgt Ion:152 Resp: 29114
Ion Ratio Lower Upper
152 100
150 145.8 122.0 183.0
115 58.9 50.7 76.1

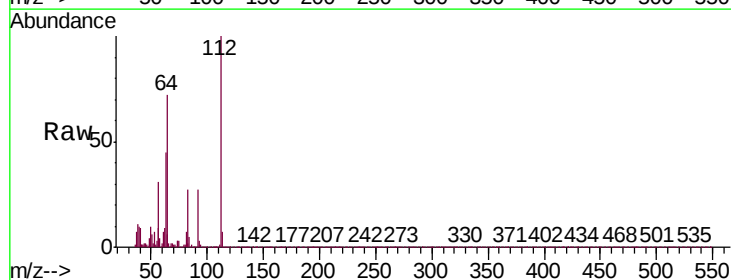


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E

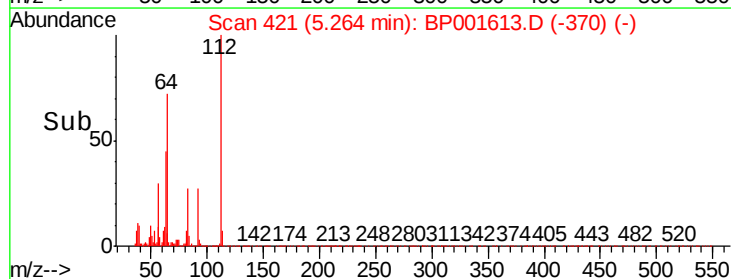
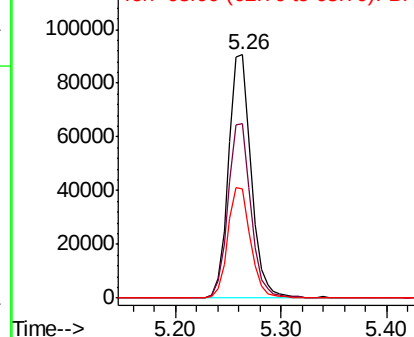


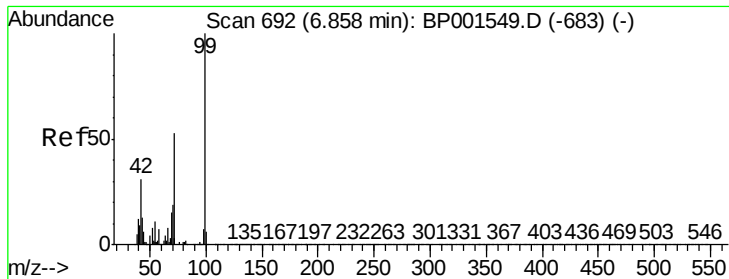
#5
2-Fluorophenol
Concen: 90.925 ng
RT: 5.26 min Scan# 421
Delta R.T. 0.00 min
Lab File: BP001613.D
Acq: 15 Jan 2020 17:24

Tgt Ion:112 Resp: 135137
Ion Ratio Lower Upper
112 100
64 71.6 52.8 79.2
63 44.6 33.1 49.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BP0
Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 78.566 ng

RT: 6.83 min Scan# 687

Delta R.T. -0.01 min

Lab File: BP001613.D

Acq: 15 Jan 2020 17:24

Instrument :

BNA_P

ClientSampleId :

BW-2-45.0

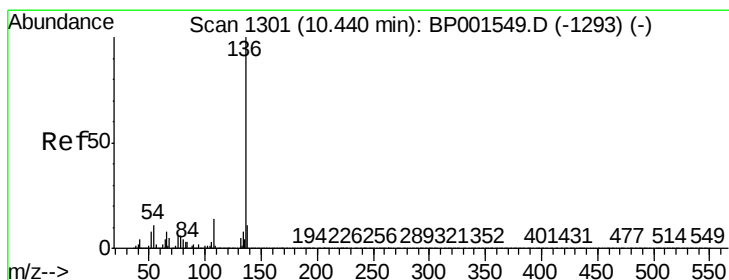
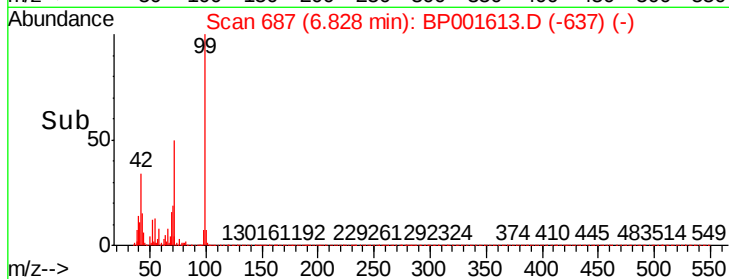
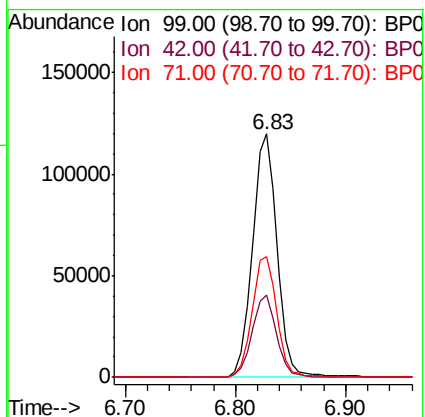
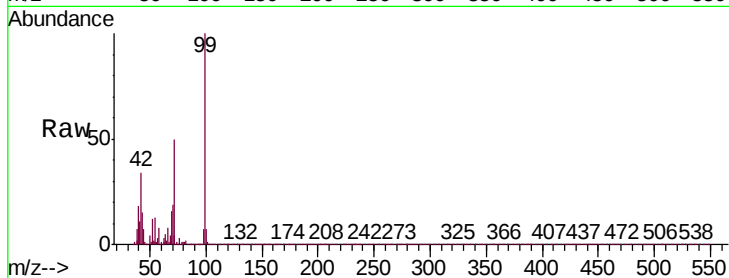
Tgt Ion: 99 Resp: 186617

Ion Ratio Lower Upper

99 100

42 33.7 24.5 36.7

71 49.8 42.4 63.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.41 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BP001613.D

Acq: 15 Jan 2020 17:24

Tgt Ion: 136 Resp: 103739

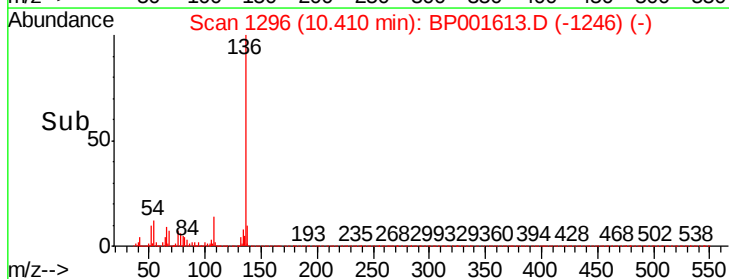
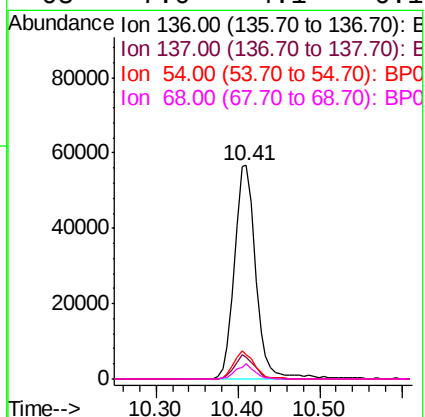
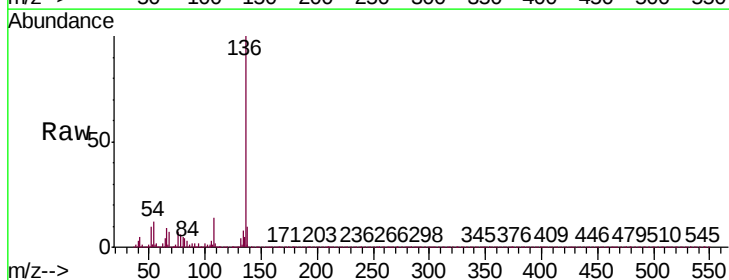
Ion Ratio Lower Upper

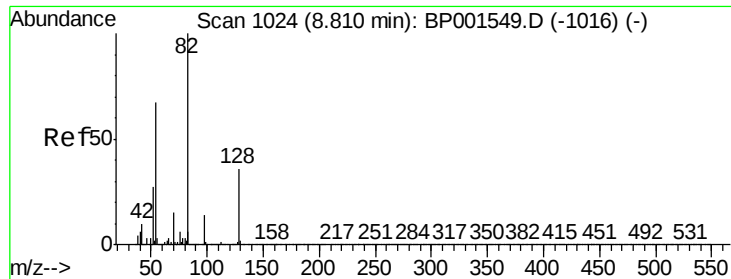
136 100

137 10.3 8.6 12.8

54 11.7 9.2 13.8

68 7.0 4.1 6.1#

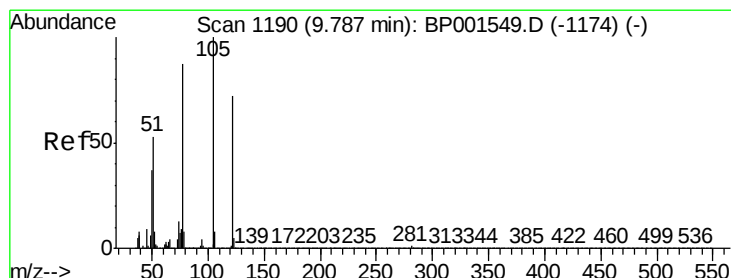
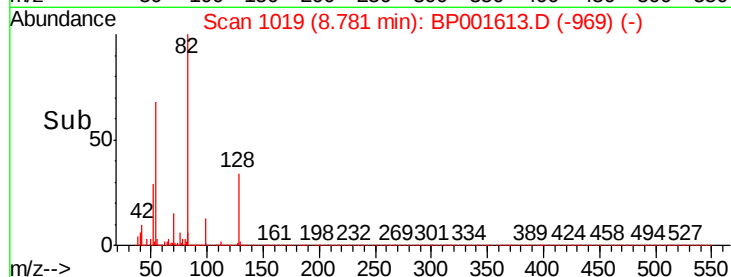
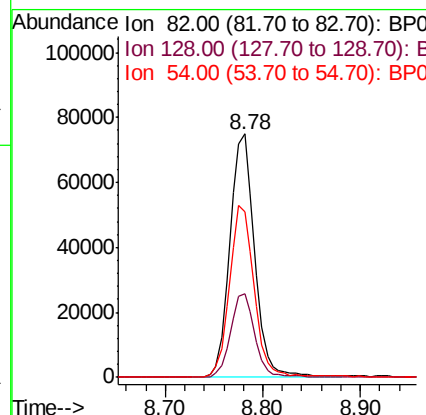
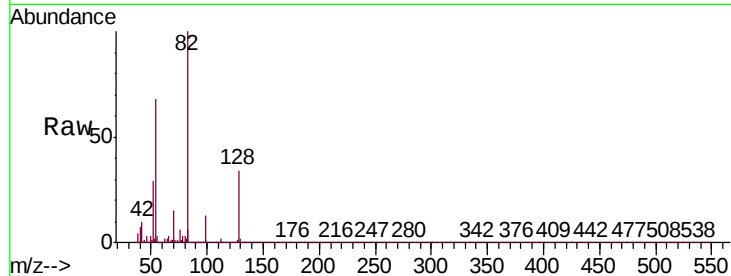




#23
Nitrobenzene-d5
Concen: 55.736 ng
RT: 8.78 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BP001613.D
Acq: 15 Jan 2020 17:24

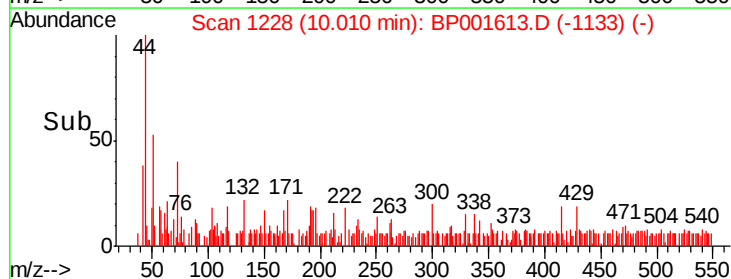
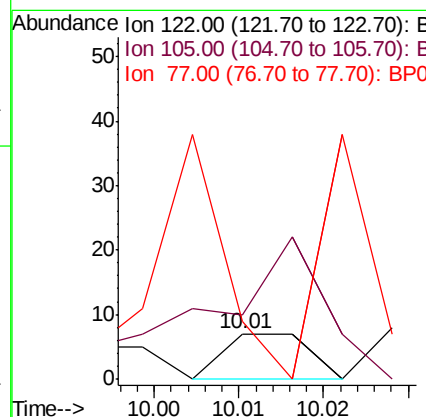
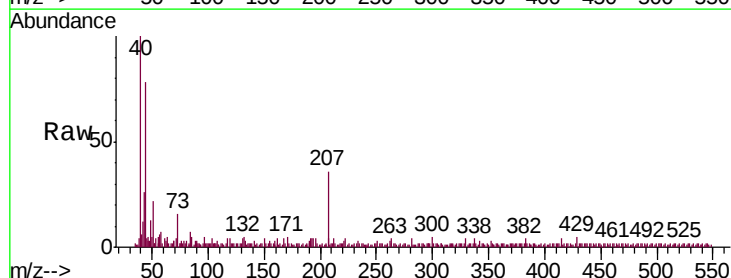
Instrument :
BNA_P
ClientSampleId :
BW-2-45.0

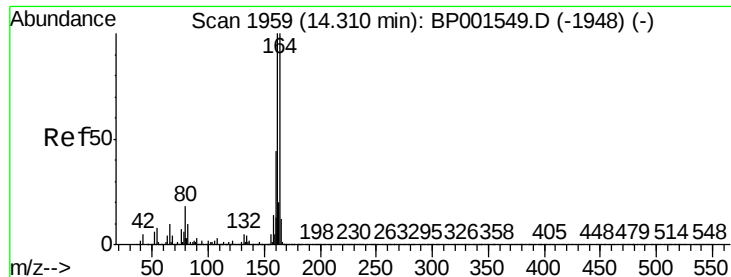
Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.1	28.4	42.6
54	68.1	53.4	80.2



#32
Benzoic acid
Concen: 4.707 ng
RT: 10.01 min Scan# 1228
Delta R.T. 0.26 min
Lab File: BP001613.D
Acq: 15 Jan 2020 17:24

Tgt Ion	Ratio	Lower	Upper
122	100		
105	142.9	119.5	159.5
77	128.6	102.8	142.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.28 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BP001613.D

Acq: 15 Jan 2020 17:24

Instrument :

BNA_P

ClientSampleId :

BW-2-45.0

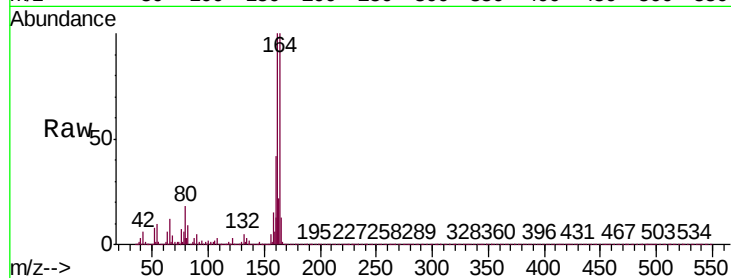
Tgt Ion:164 Resp: 71485

Ion Ratio Lower Upper

164 100

162 99.7 79.8 119.6

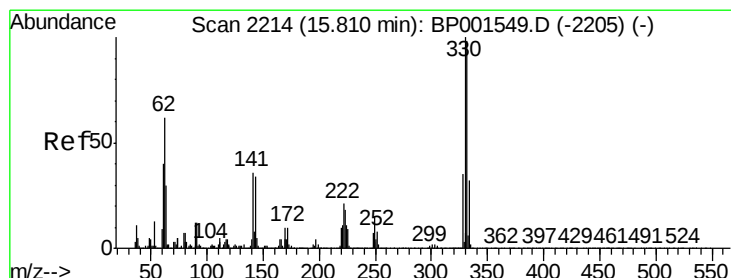
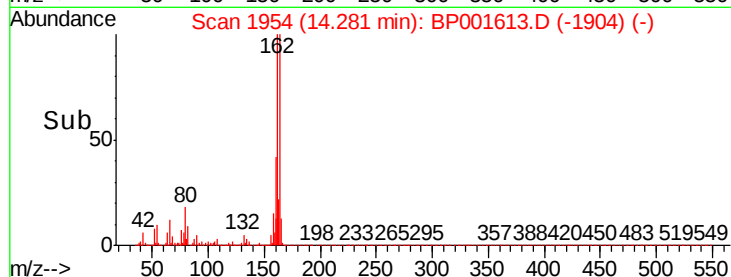
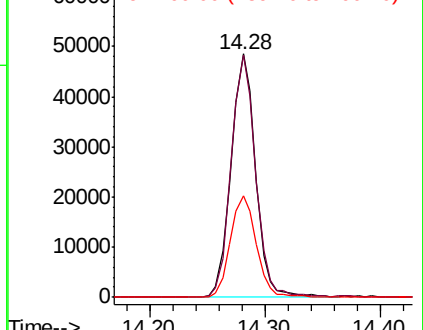
160 41.9 35.0 52.6



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: 68.955 ng

RT: 15.78 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BP001613.D

Acq: 15 Jan 2020 17:24

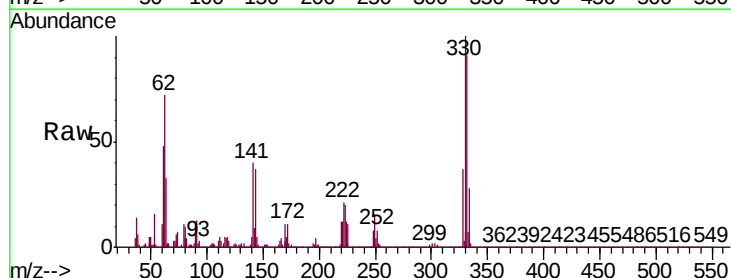
Tgt Ion:330 Resp: 75033

Ion Ratio Lower Upper

330 100

332 98.7 77.8 116.6

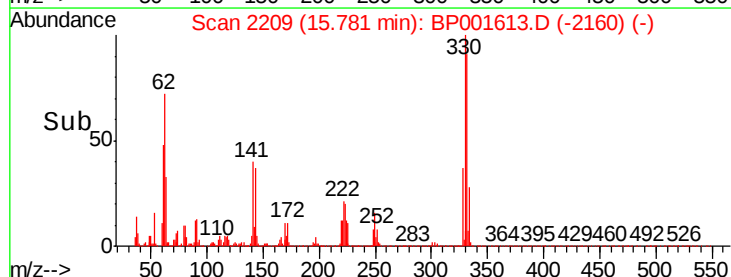
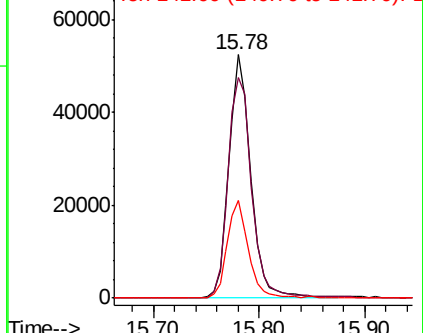
141 38.7 28.7 43.1

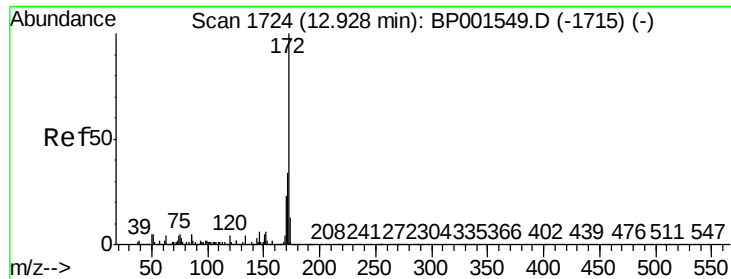


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

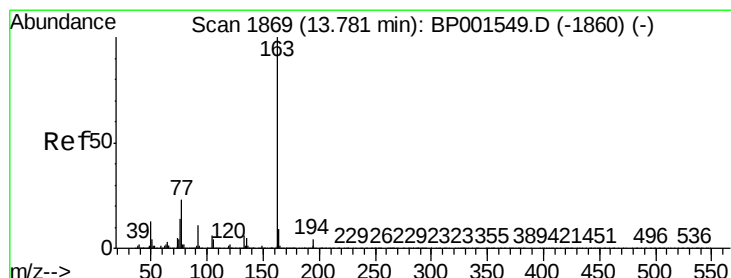
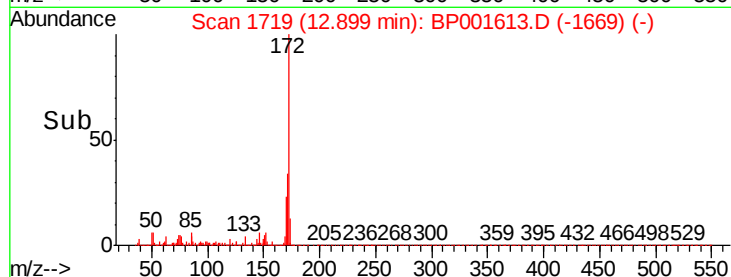
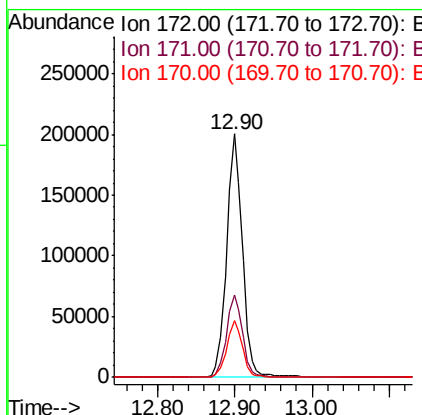
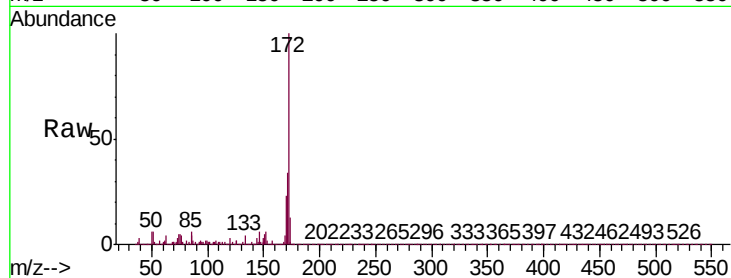




#45
2-Fluorobiphenyl
Concen: 59.182 ng
RT: 12.90 min Scan# 1719
Delta R.T. -0.01 min
Lab File: BP001613.D
Acq: 15 Jan 2020 17:24

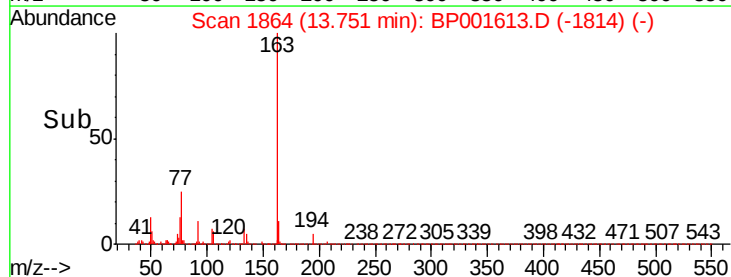
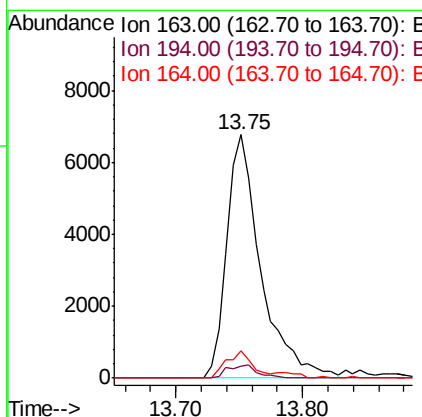
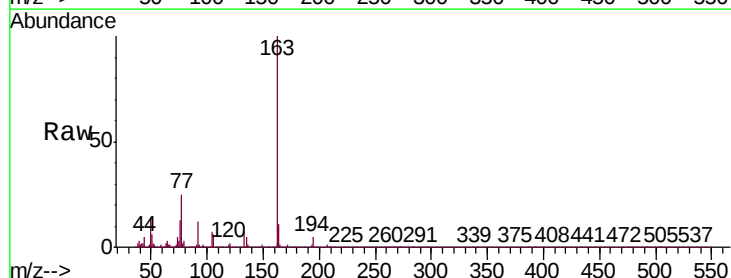
Instrument :
BNA_P
ClientSampleId :
BW-2-45.0

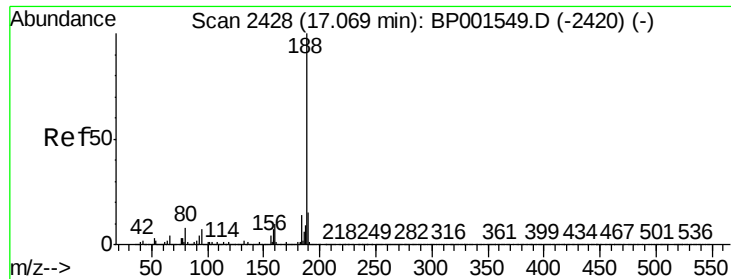
Tgt Ion:	172	Resp:	287745
Ion	Ratio	Lower	Upper
172	100		
171	33.9	27.6	41.4
170	23.4	18.3	27.5



#50
Dimethylphthalate
Concen: 2.138 ng
RT: 13.75 min Scan# 1864
Delta R.T. -0.01 min
Lab File: BP001613.D
Acq: 15 Jan 2020 17:24

Tgt Ion:	163	Resp:	12587
Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.6	5.4
164	11.1	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: BP001613.D

Acq: 15 Jan 2020 17:24

Instrument :

BNA_P

ClientSampleId :

BW-2-45.0

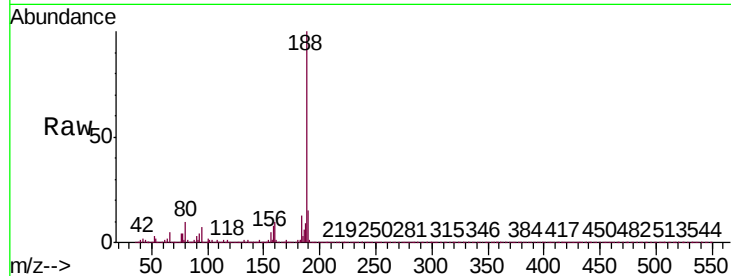
Tgt Ion:188 Resp: 164310

Ion Ratio Lower Upper

188 100

94 7.3 5.9 8.9

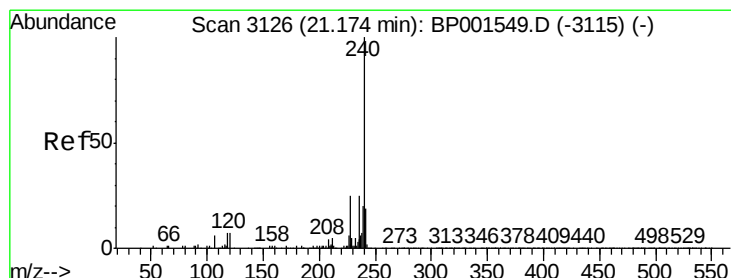
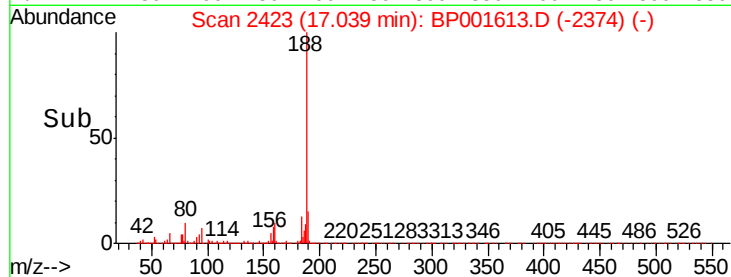
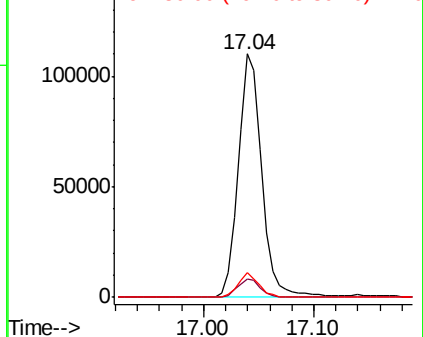
80 10.0 6.8 10.2



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# 3121

Delta R.T. -0.01 min

Lab File: BP001613.D

Acq: 15 Jan 2020 17:24

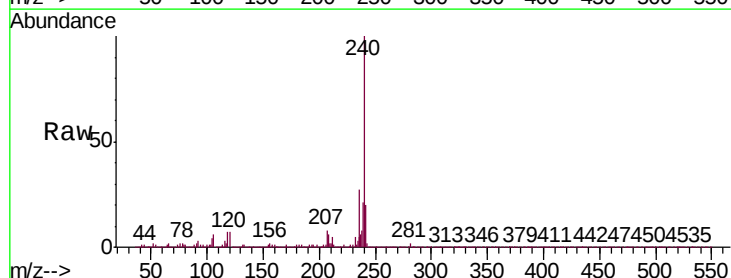
Tgt Ion:240 Resp: 157830

Ion Ratio Lower Upper

240 100

120 7.1 5.7 8.5

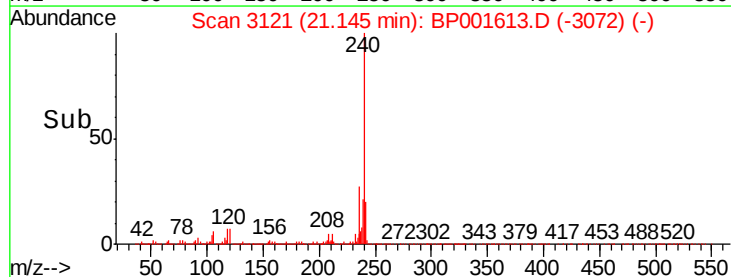
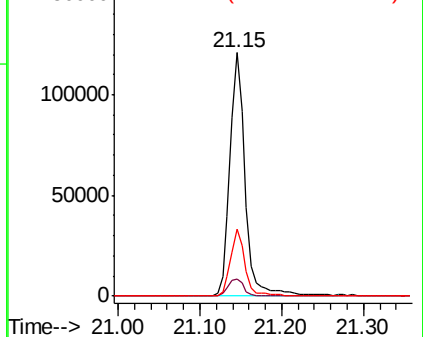
236 27.5 20.4 30.6

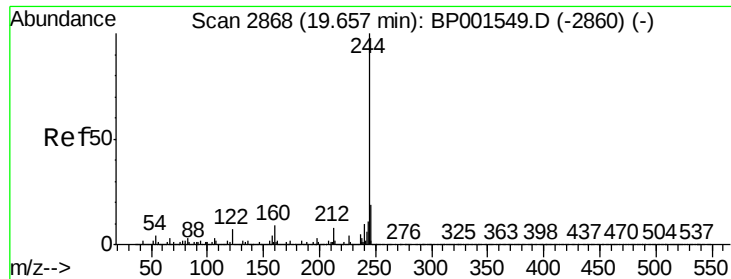


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 58.852 ng

RT: 19.63 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BP001613.D

Acq: 15 Jan 2020 17:24

Instrument :

BNA_P

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BW-2-45.0

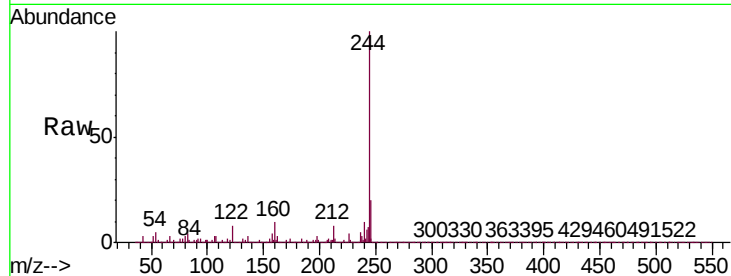
Tgt Ion:244 Resp: 507844

Ion Ratio Lower Upper

244 100

212 8.3 6.3 9.5

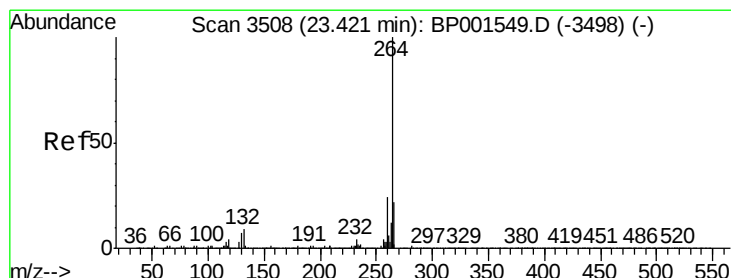
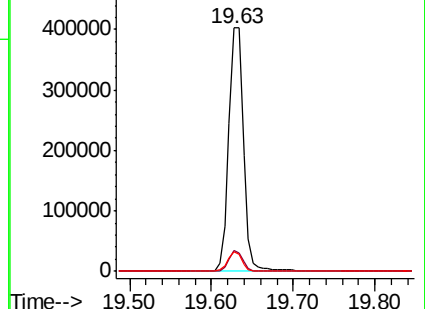
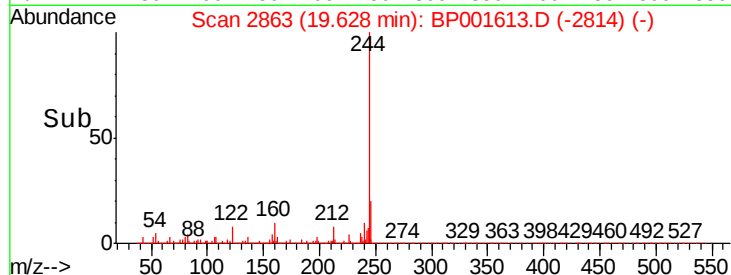
122 7.9 5.8 8.6



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# 3500

Delta R.T. -0.02 min

Lab File: BP001613.D

Acq: 15 Jan 2020 17:24

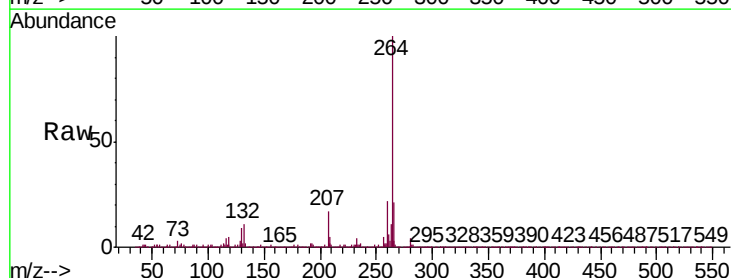
Tgt Ion:264 Resp: 168285

Ion Ratio Lower Upper

264 100

260 22.4 19.0 28.6

265 21.5 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

