

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011420\
 Data File : BP001603.D
 Acq On : 15 Jan 2020 00:02
 Operator : JU
 Sample : L1106-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jan 15 00:51:35 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

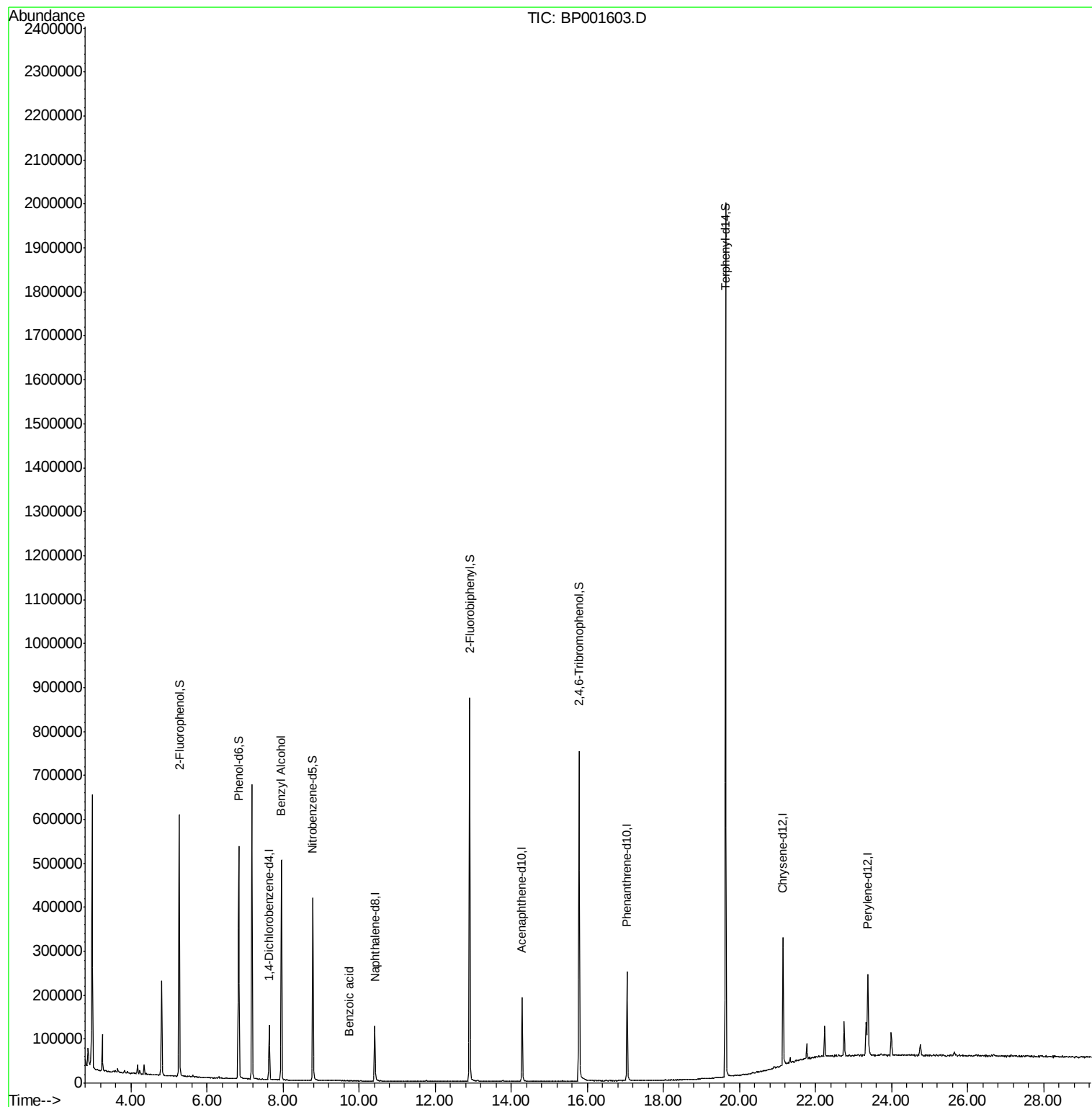
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	25821	20.00	ng	0.00
21) Naphthalene-d8	10.41	136	90224	20.00	ng	0.00
39) Acenaphthene-d10	14.28	164	61998	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	145979	20.00	ng	0.00
76) Chrysene-d12	21.15	240	139110	20.00	ng	-0.01
87) Perylene-d12	23.37	264	150909	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	188103	142.70	ng	0.00
7) Phenol-d6	6.83	99	224048	106.35	ng	0.00
23) Nitrobenzene-d5	8.78	82	209223	101.33	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	120920	128.13	ng	0.00
45) 2-Fluorobiphenyl	12.90	172	418636	99.28	ng	0.00
79) Terphenyl-d14	19.63	244	836503	109.98	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.95	79	4095	2.064	ng	# 56
32) Benzoic acid	9.74	122	17	4.717	ng	# 71

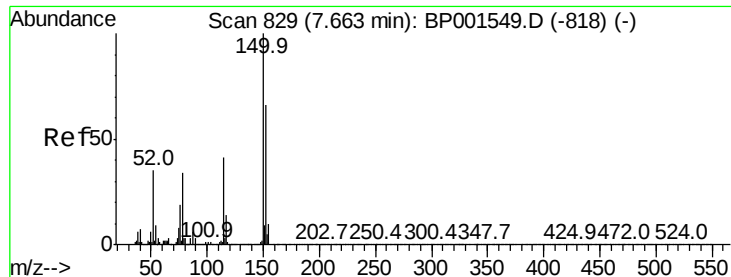
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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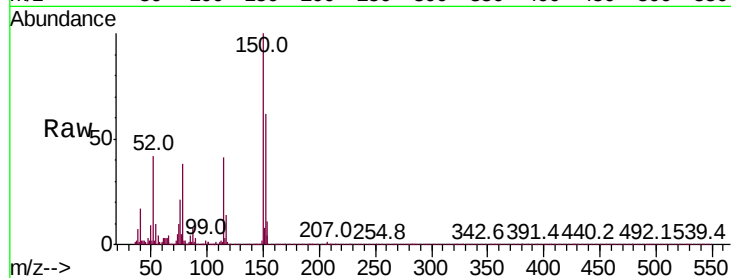


#1

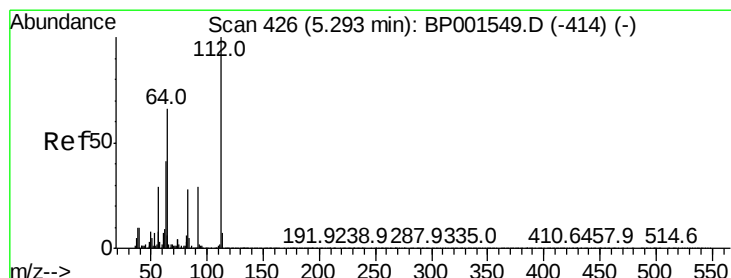
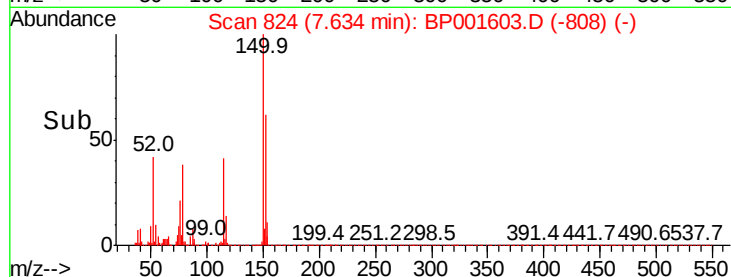
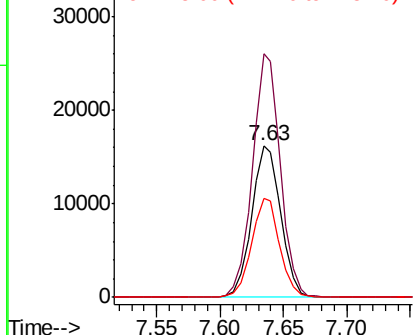
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 824
Delta R.T. -0.01 min
Lab File: BP001603.D
Acq: 15 Jan 2020 00:02

Instrument :
BNA_P
ClientSampleId :

Tot Ion:152 Resp: 25821
Ion Ratio Lower Upper
152 100
150 160.1 122.0 183.0
115 65.5 50.7 76.1



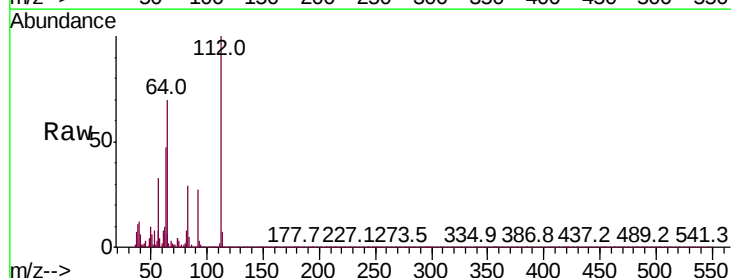
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



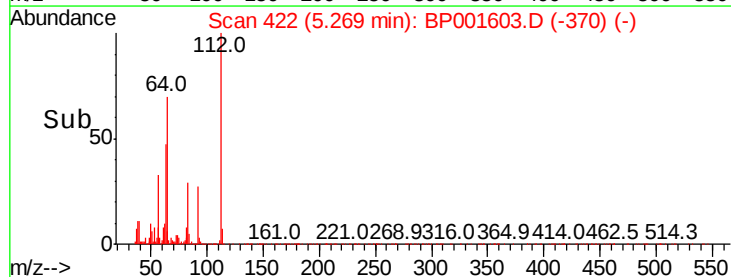
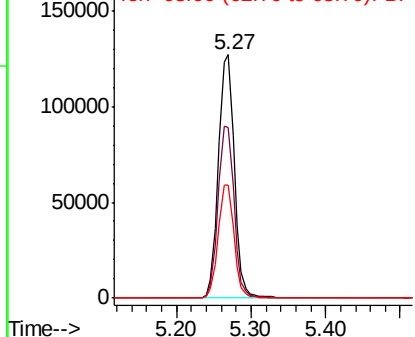
#5

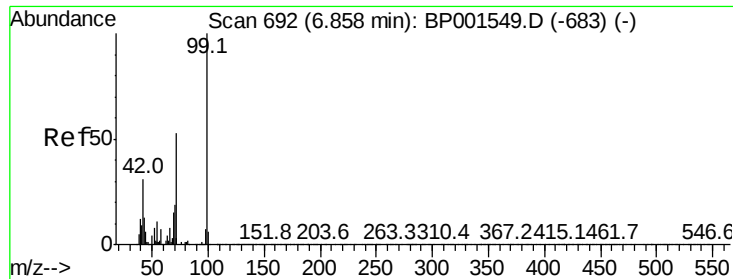
2-Fluorophenol
Concen: 142.704 ng
RT: 5.27 min Scan# 422
Delta R.T. 0.01 min
Lab File: BP001603.D
Acq: 15 Jan 2020 00:02

Tgt Ion:112 Resp: 188103
Ion Ratio Lower Upper
112 100
64 70.0 52.8 79.2
63 46.7 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: 106.353 ng

RT: 6.83 min Scan# 688

Delta R.T. -0.00 min

Lab File: BP001603.D

Acq: 15 Jan 2020 00:02

Instrument :

BNA_P

ClientSampleId :

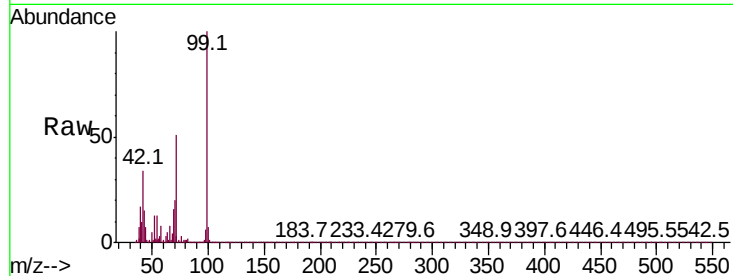
Tot Ion: 99 Resp: 224048

Ion Ratio Lower Upper

99 100

42 33.6 24.5 36.7

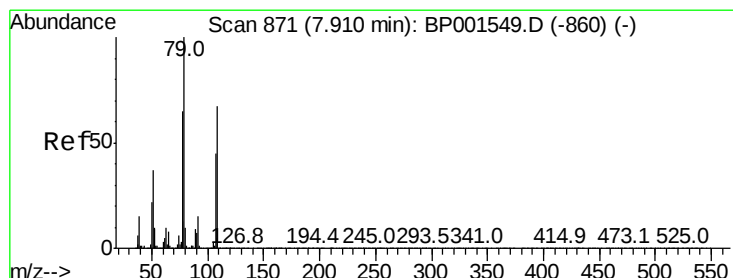
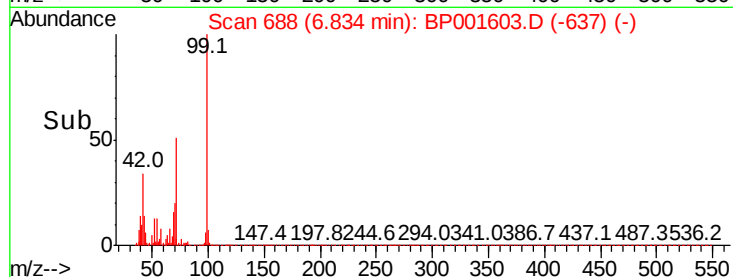
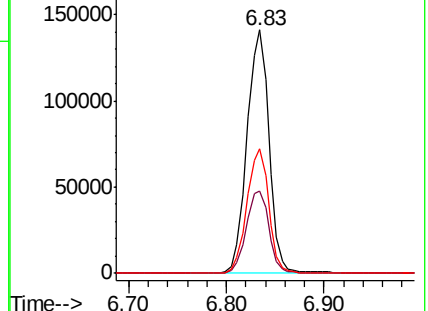
71 51.2 42.4 63.6



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



#15

Benzyl Alcohol

Concen: 2.064 ng

RT: 7.95 min Scan# 878

Delta R.T. 0.07 min

Lab File: BP001603.D

Acq: 15 Jan 2020 00:02

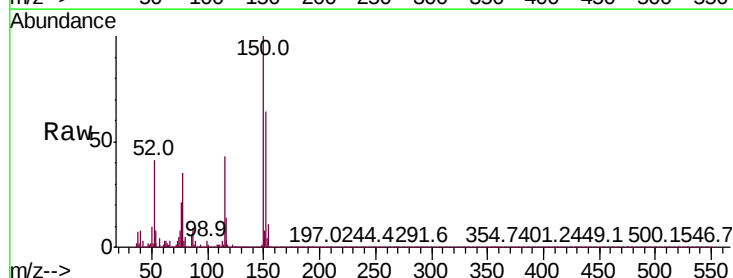
Tgt Ion: 79 Resp: 4095

Ion Ratio Lower Upper

79 100

108 51.8 53.2 79.8#

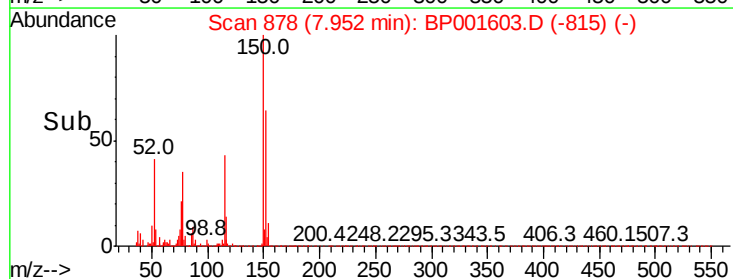
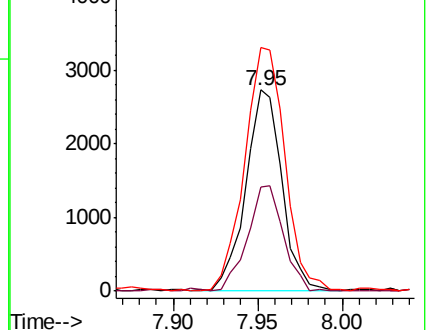
77 121.3 52.1 78.1#

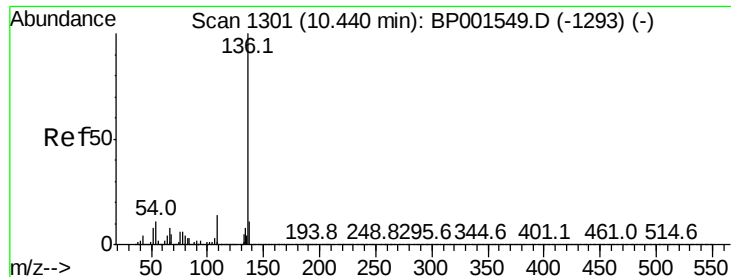


Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

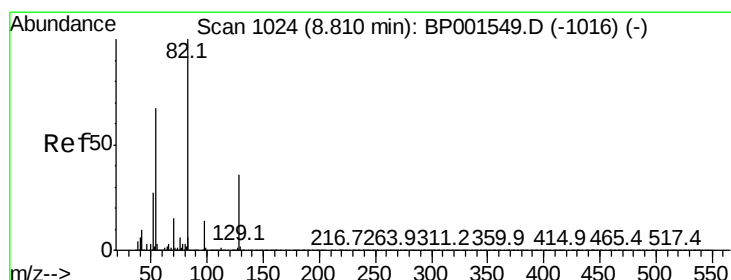
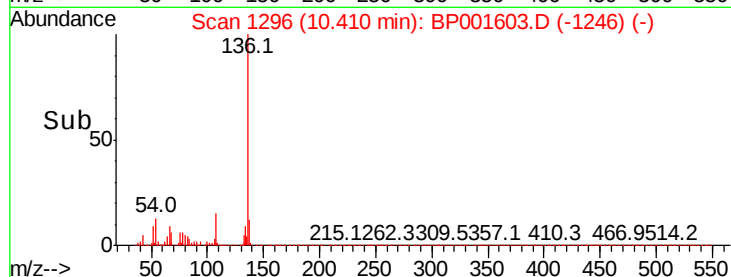
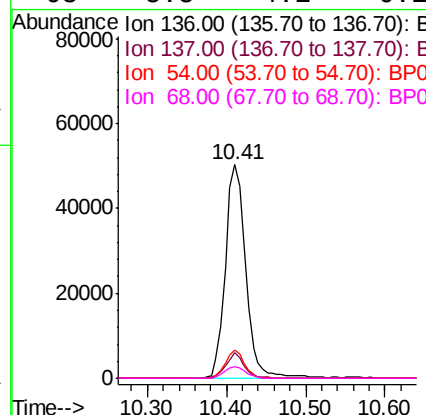
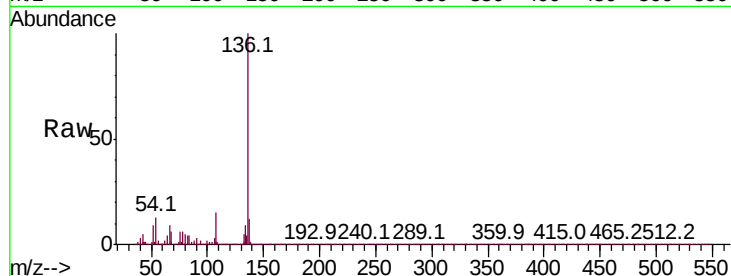




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.41 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BP001603.D
Acq: 15 Jan 2020 00:02

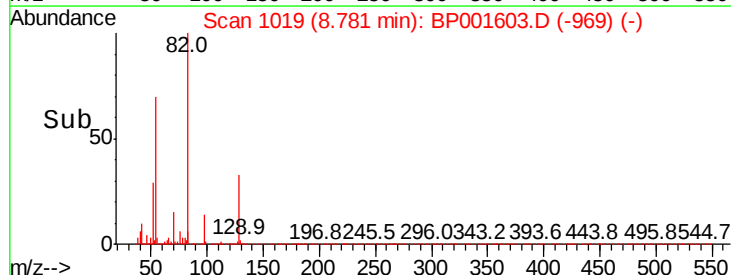
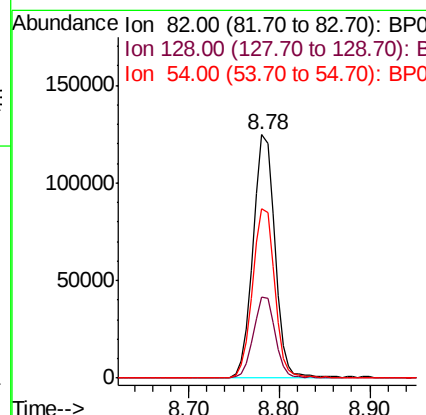
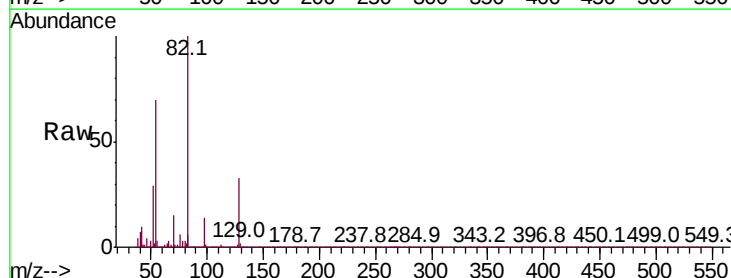
Instrument :
BNA_P
ClientSampleId :

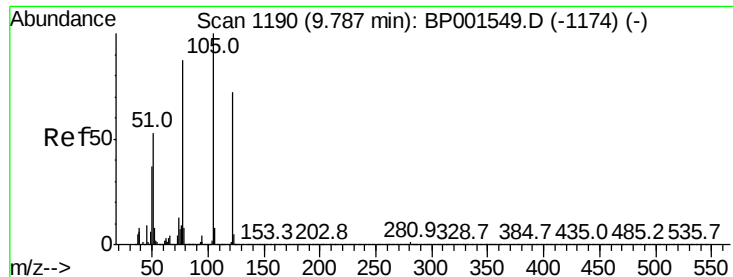
Tot Ion:136	Resp:	90224
Ion	Ratio	Lower Upper
136	100	
137	11.8	8.6 12.8
54	13.1	9.2 13.8
68	5.5	4.1 6.1



#23
Nitrobenzene-d5
Concen: 101.331 ng
RT: 8.78 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BP001603.D
Acq: 15 Jan 2020 00:02

Tgt Ion: 82	Resp:	209223
Ion	Ratio	Lower Upper
82	100	
128	33.5	28.4 42.6
54	69.5	53.4 80.2

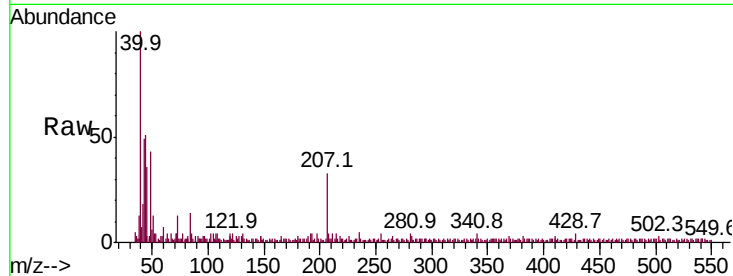




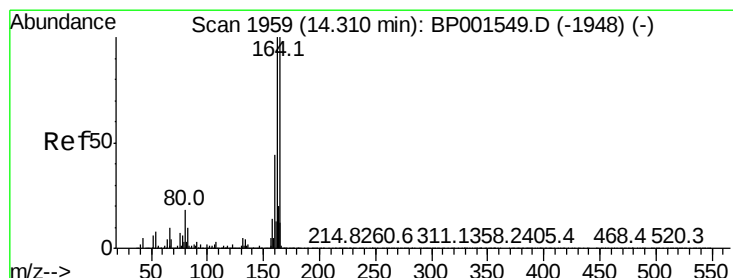
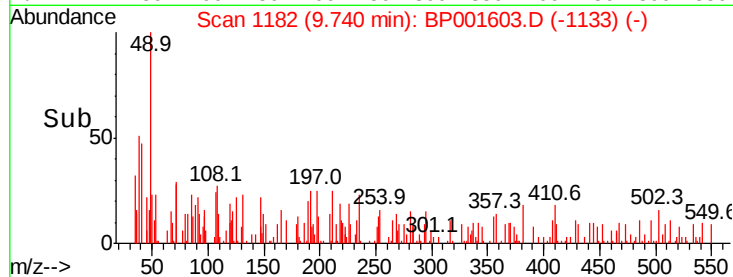
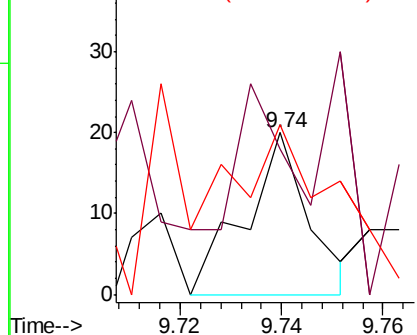
#32
Benzoic acid
Concen: 4.717 ng
RT: 9.74 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BP001603.D
Acq: 15 Jan 2020 00:02

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
105	90.0	119.5	159.5#
77	105.0	102.8	142.8

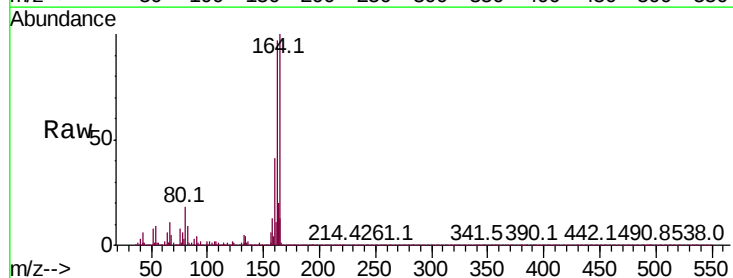


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BP0

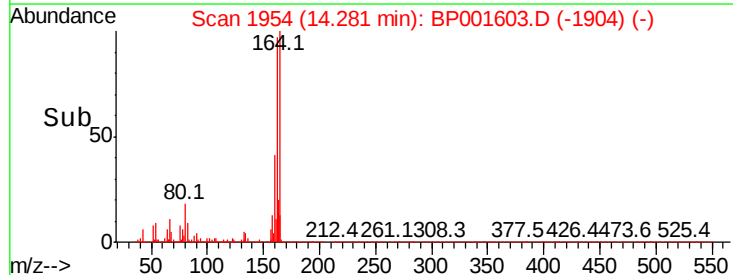
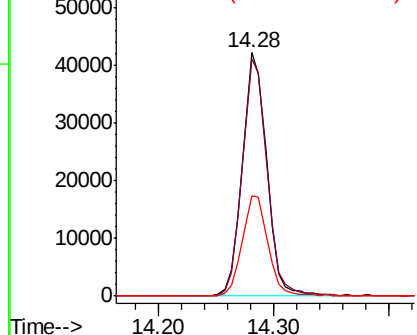


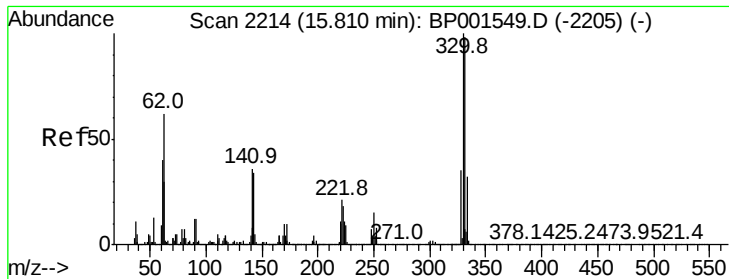
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.28 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BP001603.D
Acq: 15 Jan 2020 00:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.4	79.8	119.6
160	41.4	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

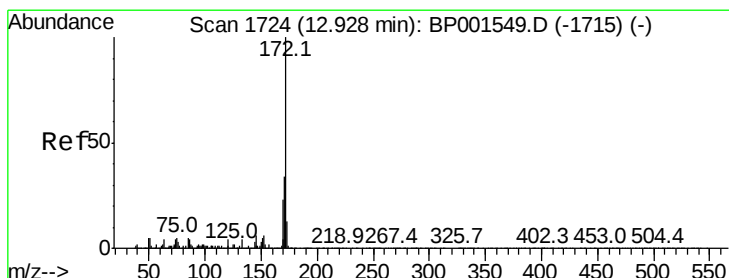
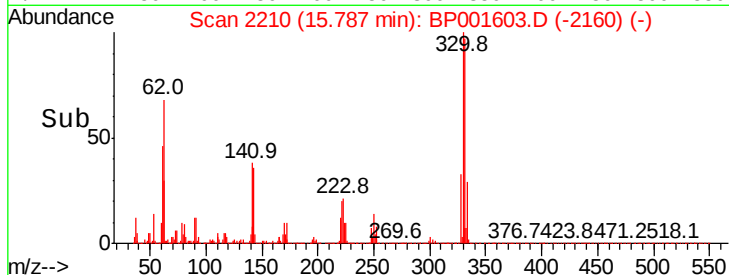
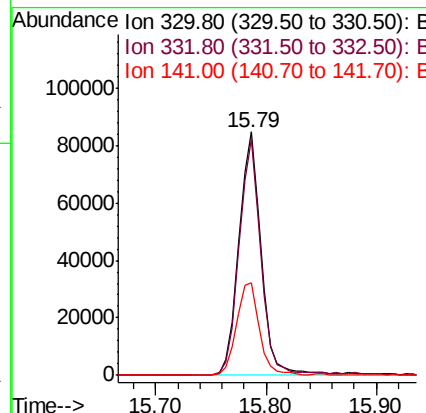
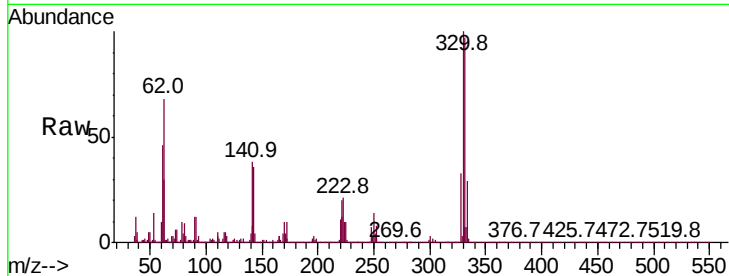




#42
 2,4,6-Tribromophenol
 Concen: 128.129 ng
 RT: 15.79 min Scan# 2210
 Delta R.T. -0.01 min
 Lab File: BP001603.D
 Acq: 15 Jan 2020 00:02

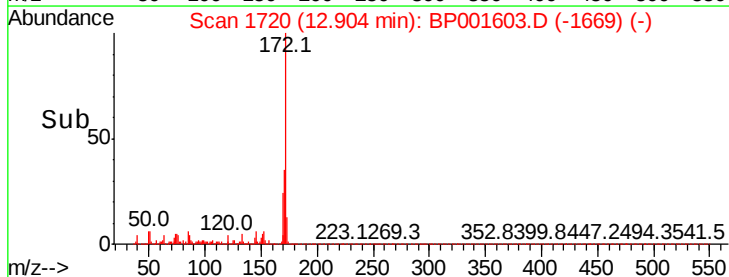
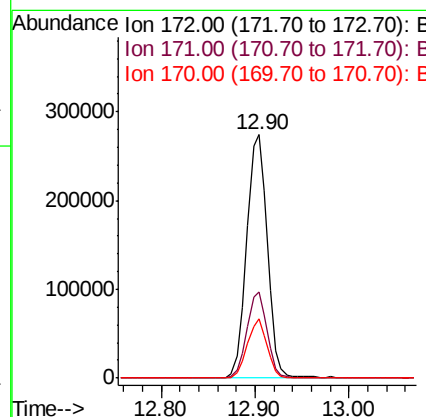
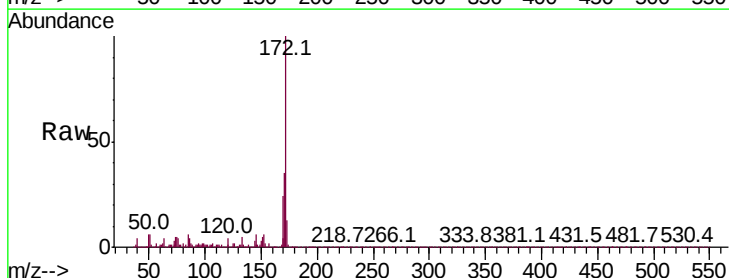
Instrument :
 BNA_P
 ClientSampleId :

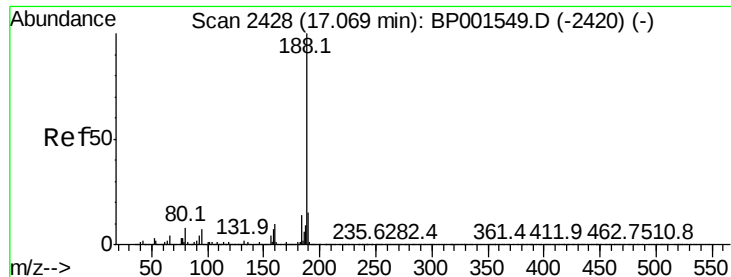
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.8	116.6
141	38.7	28.7	43.1



#45
 2-Fluorobiphenyl
 Concen: 99.279 ng
 RT: 12.90 min Scan# 1720
 Delta R.T. -0.00 min
 Lab File: BP001603.D
 Acq: 15 Jan 2020 00:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.6	41.4
170	24.3	18.3	27.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.05 min Scan# 2424

Delta R.T. -0.01 min

Lab File: BP001603.D

Acq: 15 Jan 2020 00:02

Instrument :

BNA_P

ClientSampleId :

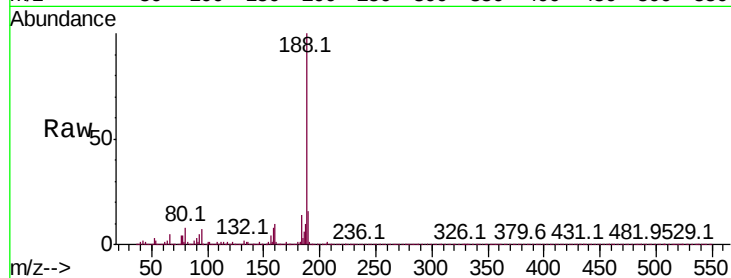
Tot Ion:188 Resp: 145979

Ion Ratio Lower Upper

188 100

94 6.9 5.9 8.9

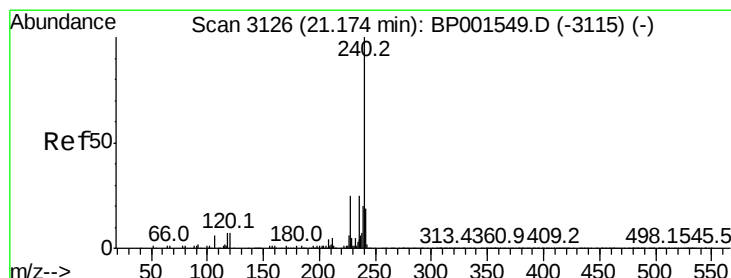
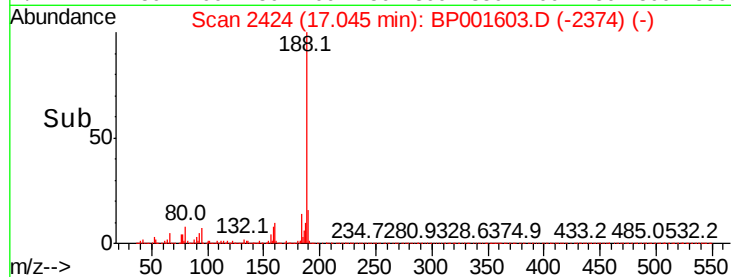
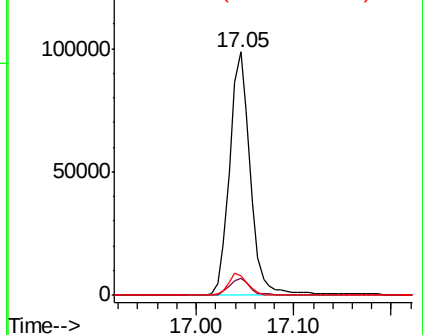
80 8.1 6.8 10.2



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: 21.15 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BP001603.D

Acq: 15 Jan 2020 00:02

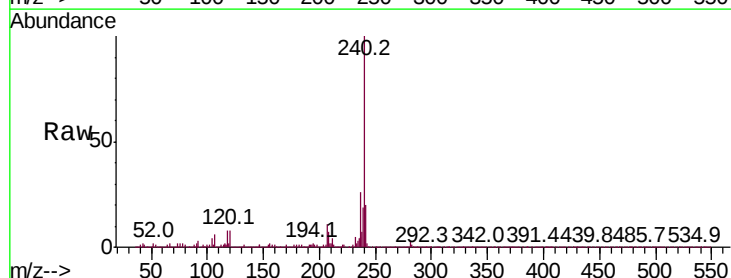
Tgt Ion:240 Resp: 139110

Ion Ratio Lower Upper

240 100

120 7.6 5.7 8.5

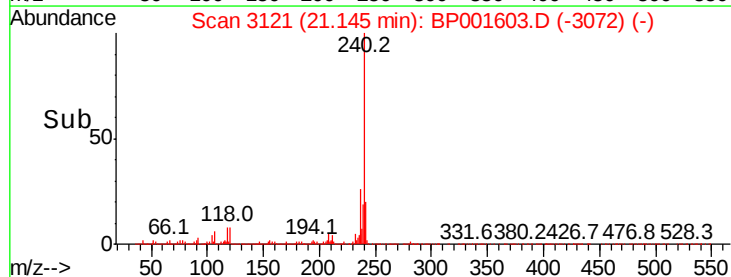
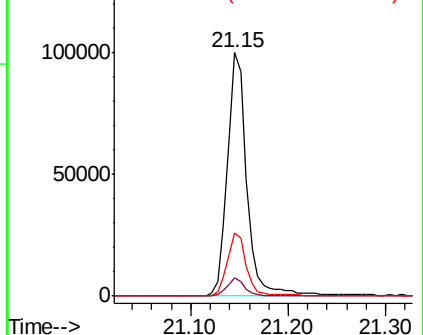
236 26.0 20.4 30.6

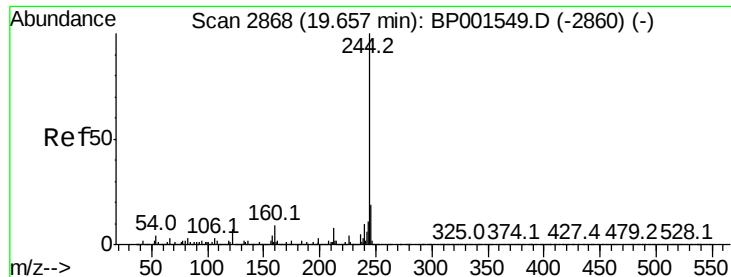


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 109.984 ng

RT: 19.63 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BP001603.D

Acq: 15 Jan 2020 00:02

Instrument :

BNA_P

ClientSampled :

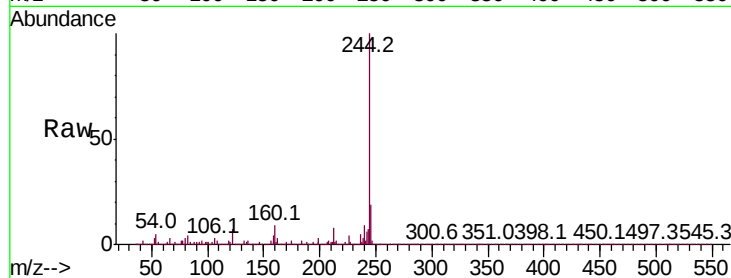
Tot Ion:244 Resp: 836503

Ion Ratio Lower Upper

244 100

212 8.2 6.3 9.5

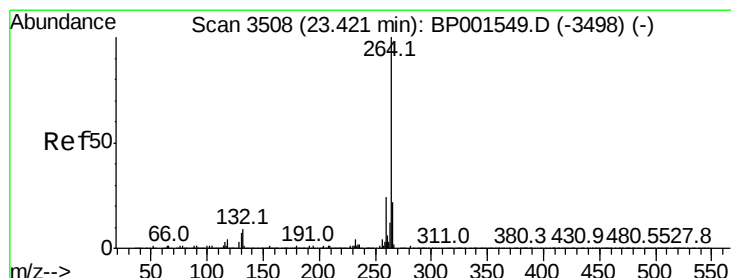
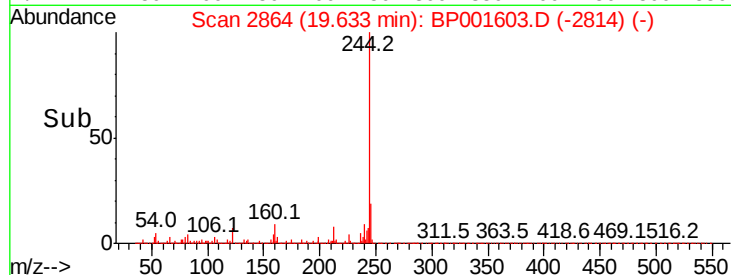
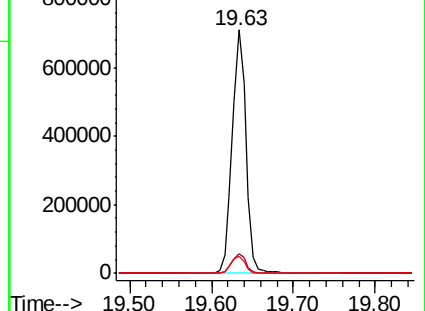
122 7.2 5.8 8.6



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: BP001603.D

Acq: 15 Jan 2020 00:02

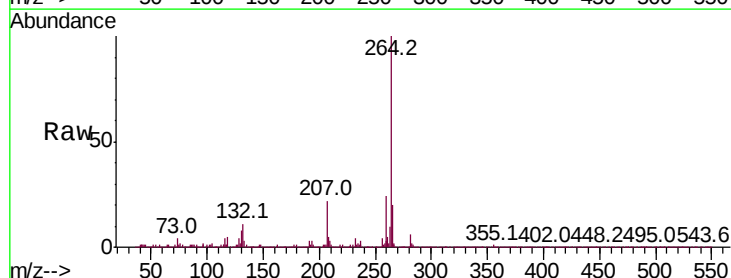
Tgt Ion:264 Resp: 150909

Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.6

265 20.5 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

