

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082820\
 Data File : BP003148.D
 Acq On : 28 Aug 2020 12:17
 Operator : CG/JU
 Sample : PB131230BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB131230BL

Quant Time: Aug 28 12:50:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 15:32:08 2020
 Response via : Initial Calibration

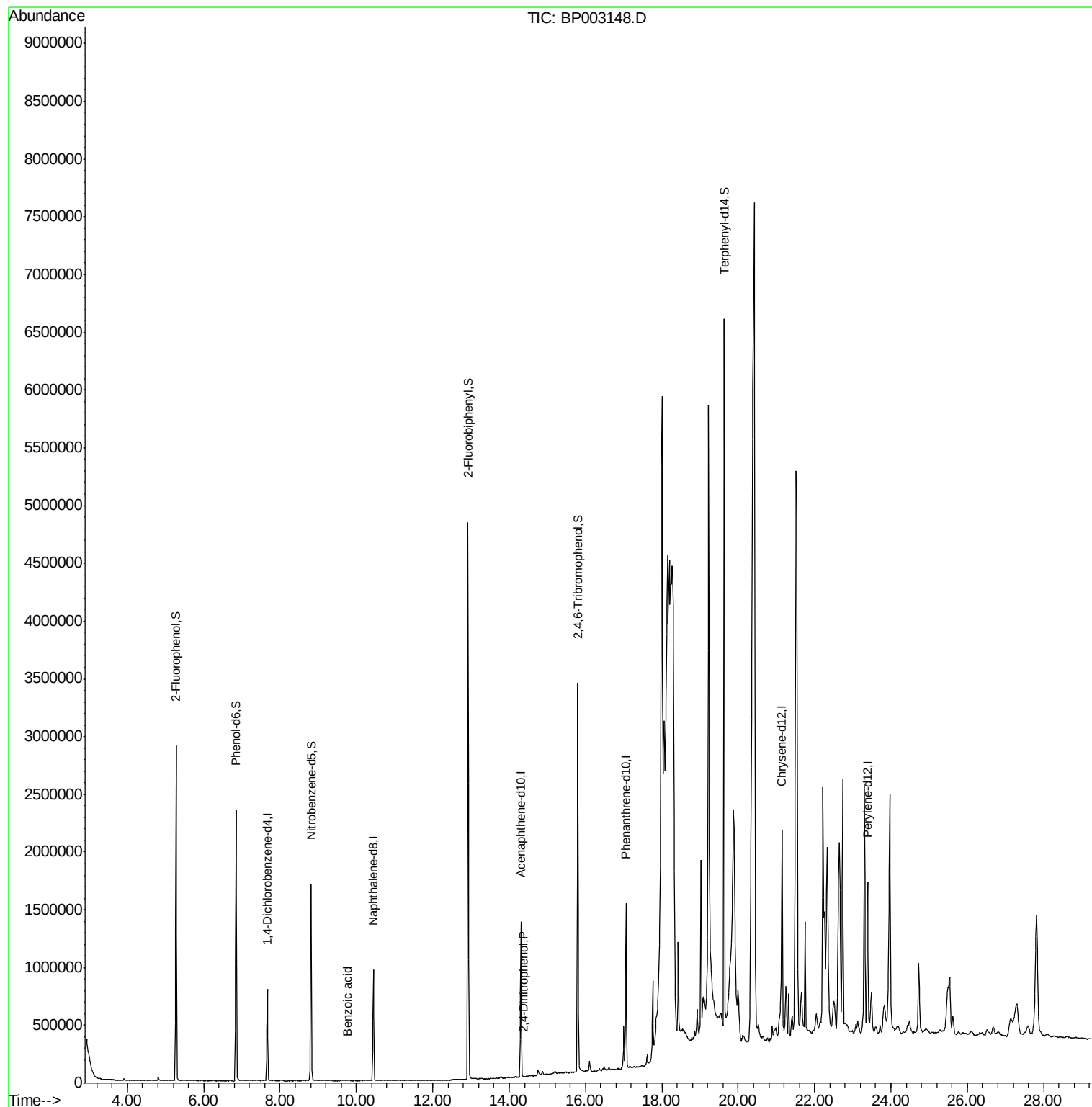
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	236185	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	885435	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	484934	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	890688	20.00	ng	0.00
76) Chrysene-d12	21.15	240	766575	20.00	ng	0.00
86) Perylene-d12	23.39	264	943893	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1457929	109.14	ng	0.00
7) Phenol-d6	6.85	99	1634050	97.58	ng	0.00
23) Nitrobenzene-d5	8.81	82	986716	80.34	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	782967	119.38	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	2697662	81.47	ng	0.00
79) Terphenyl-d14	19.63	244	2675243	76.79	ng	0.00
Target Compounds						
32) Benzoic acid	9.77	122	30	9.000	ng	# 64
54) 2,4-Dinitrophenol	14.39	184	45	7.765	ng	# 1

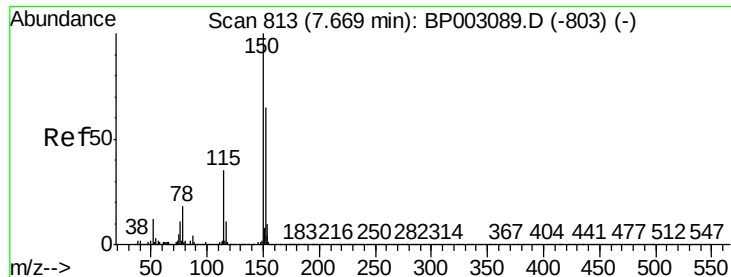
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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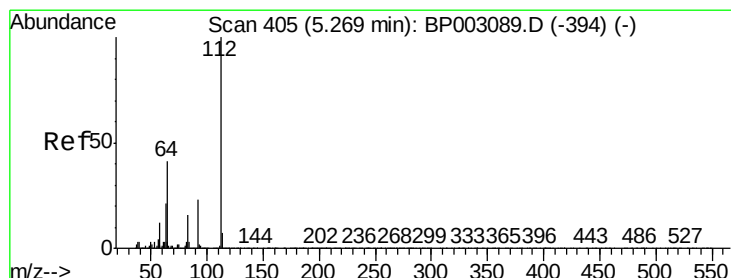
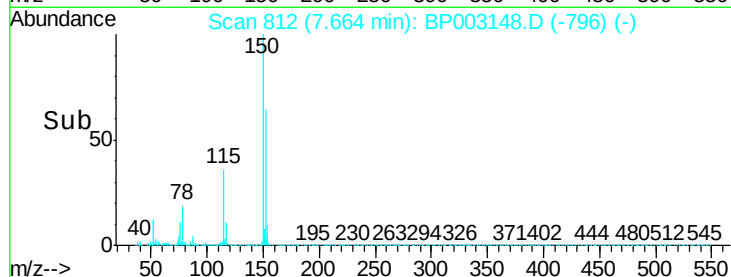
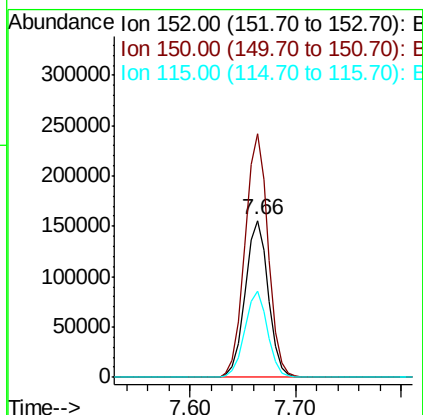
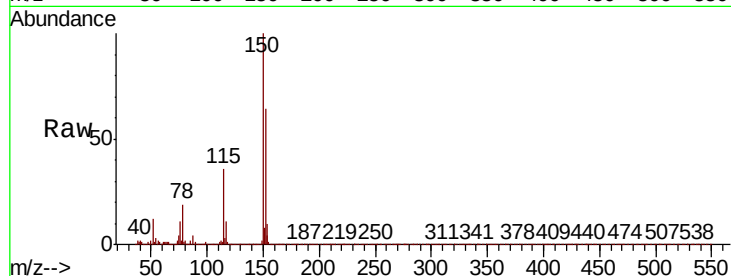


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 812
Delta R.T. -0.01 min
Lab File: BP003148.D
Acq: 28 Aug 2020 12:17

Instrument :
BNA_P
ClientSampleId :
PB131230BL

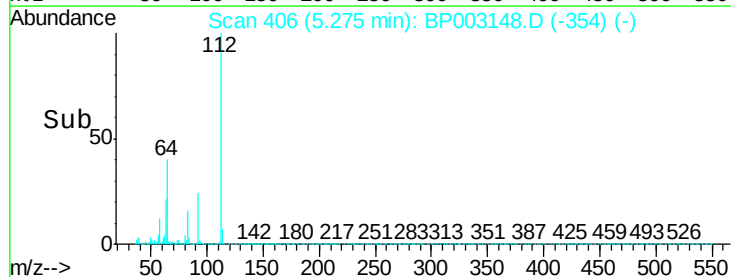
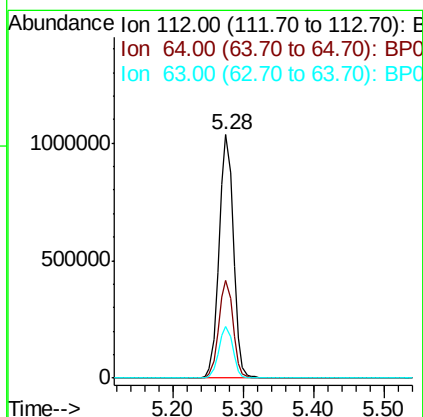
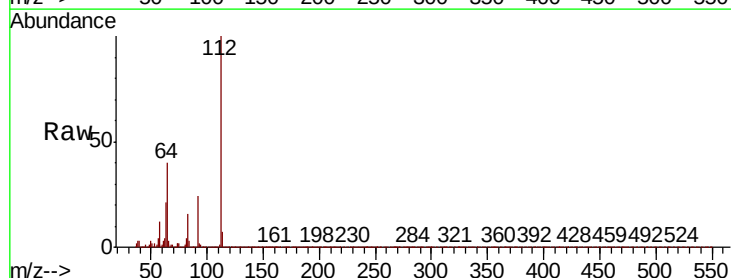
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	123.1	184.7
115	55.3	42.8	64.2

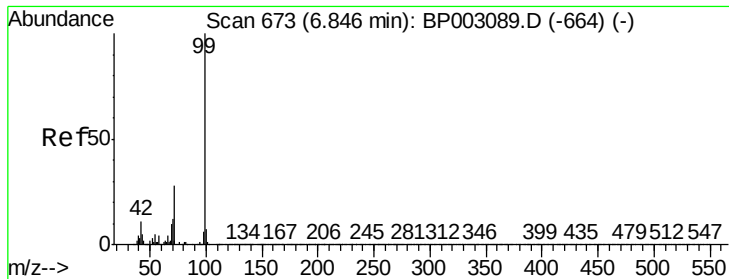


#5

2-Fluorophenol
Concen: 109.137 ng
RT: 5.28 min Scan# 406
Delta R.T. 0.01 min
Lab File: BP003148.D
Acq: 28 Aug 2020 12:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	40.3	33.0	49.6
63	21.1	16.9	25.3





#7

Phenol-d6

Concen: 97.578 ng

RT: 6.85 min Scan# 673

Delta R.T. 0.00 min

Lab File: BP003148.D

Acq: 28 Aug 2020 12:17

Instrument :

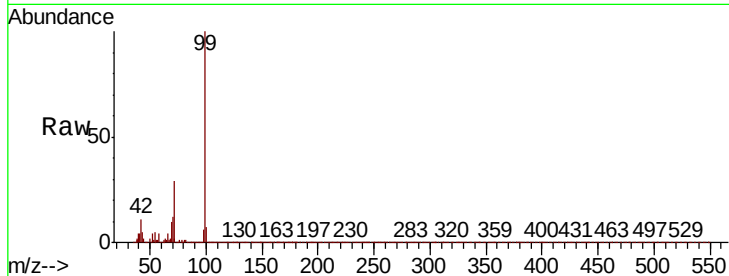
BNA_P

ClientSampleId :

PB131230BL

Tot Ion: 99 Resp: 1634050

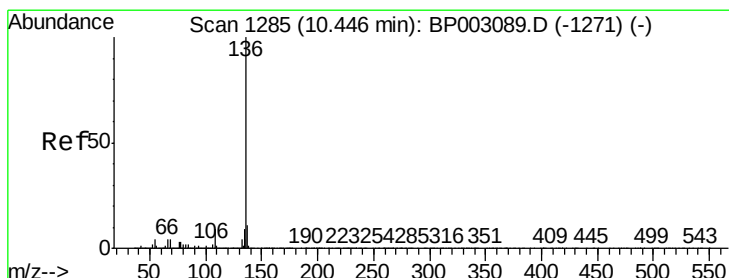
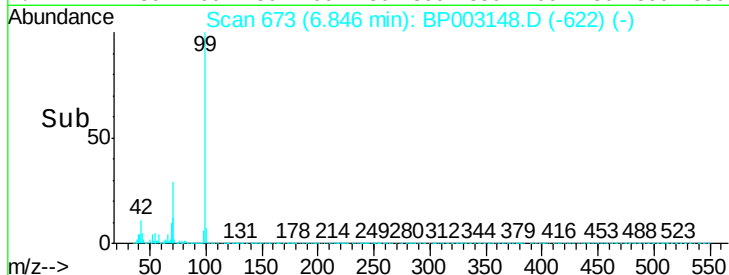
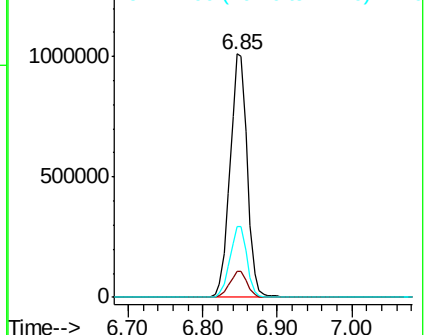
Ion	Ratio	Lower	Upper
99	100		
42	10.6	8.5	12.7
71	29.3	22.8	34.2



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: 10.44 min Scan# 1284

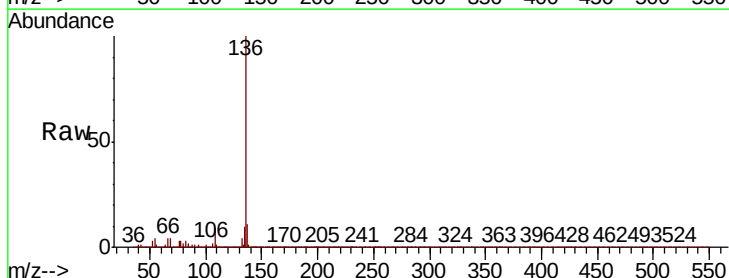
Delta R.T. -0.01 min

Lab File: BP003148.D

Acq: 28 Aug 2020 12:17

Tgt Ion: 136 Resp: 885435

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	4.3	3.5	5.3
68	4.1	3.2	4.8

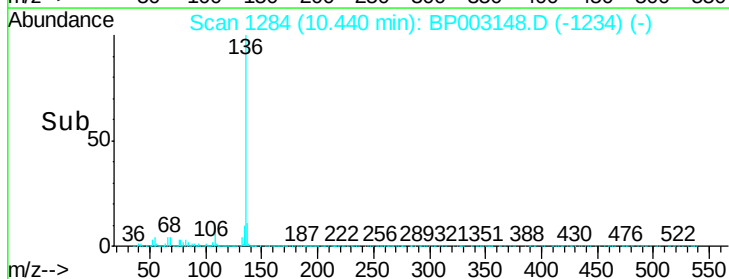
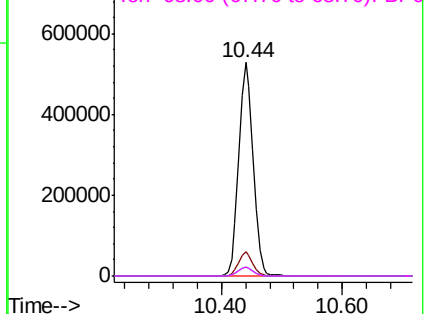


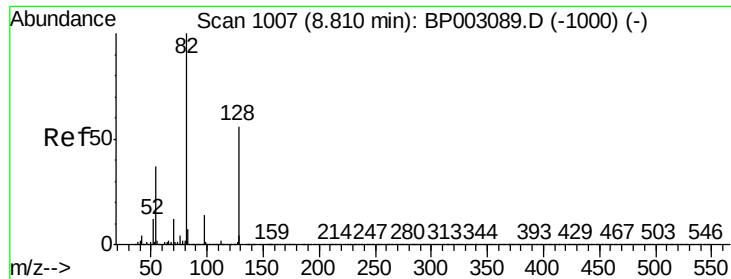
Abundance Ion 136.00 (135.70 to 136.70): E

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

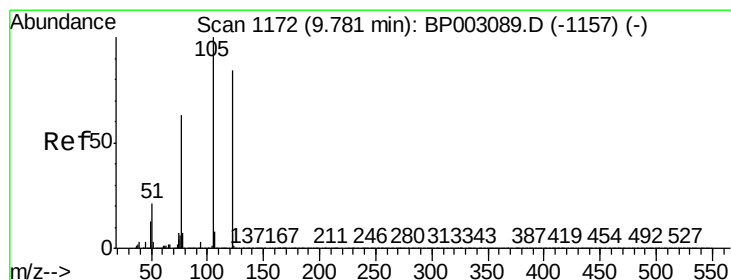
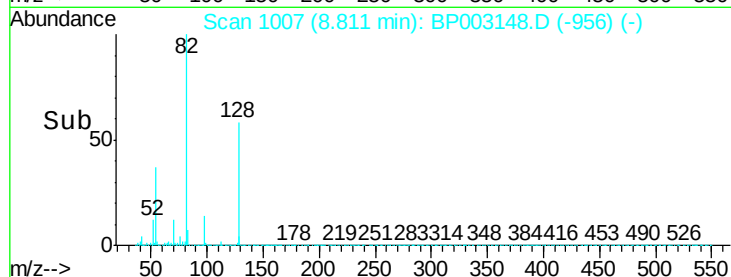
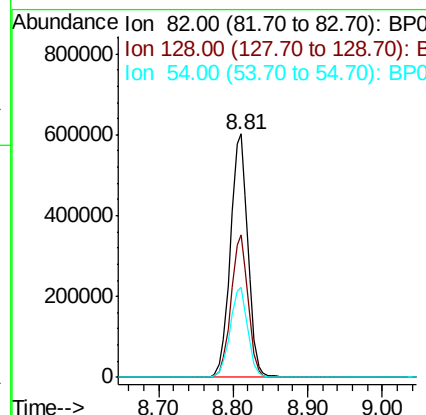
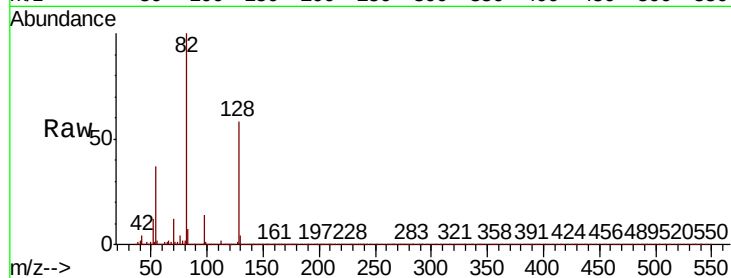




#23
 Nitrobenzene-d5
 Concen: 80.337 ng
 RT: 8.81 min Scan# 1007
 Delta R.T. 0.00 min
 Lab File: BP003148.D
 Acq: 28 Aug 2020 12:17

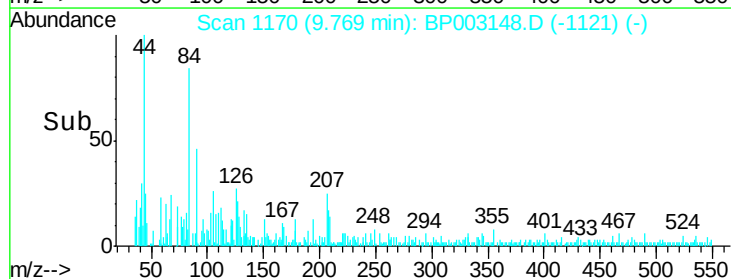
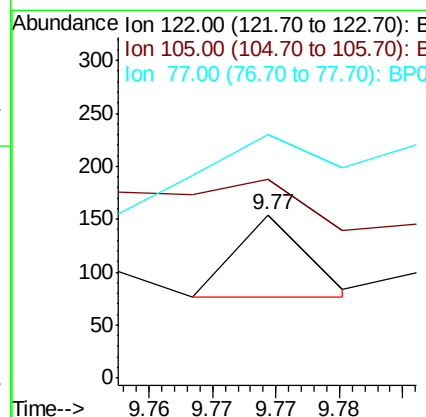
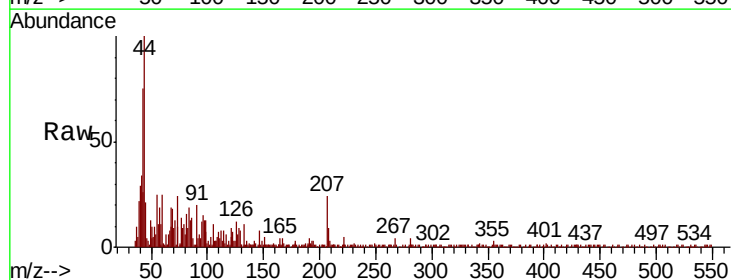
Instrument :
 BNA_P
 ClientSampleId :
 PB131230BL

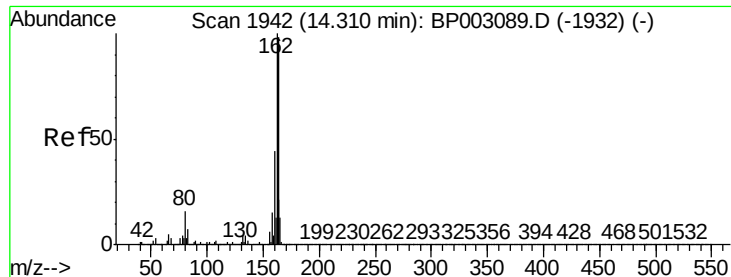
Tot Ion	82	Resp	986716
Ion Ratio	Lower	Upper	
82	100		
128	58.4	44.9	67.3
54	36.9	29.4	44.2



#32
 Benzoic acid
 Concen: 9.000 ng
 RT: 9.77 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BP003148.D
 Acq: 28 Aug 2020 12:17

Tgt Ion	122	Resp	30
Ion Ratio	Lower	Upper	
122	100		
105	122.1	98.1	138.1
77	149.4	55.3	95.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.30 min Scan# 1941

Delta R.T. -0.01 min

Lab File: BP003148.D

Acq: 28 Aug 2020 12:17

Instrument :

BNA_P

ClientSampleId :

PB131230BL

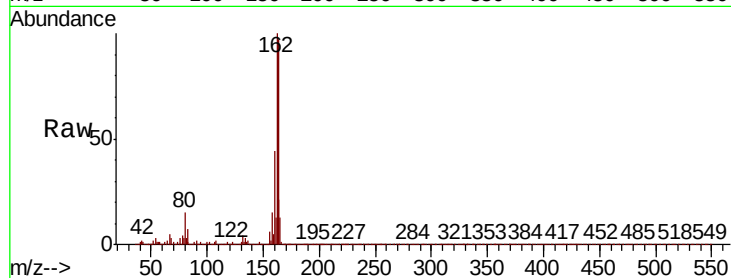
Tot Ion:164 Resp: 484934

Ion Ratio Lower Upper

164 100

162 103.3 81.2 121.8

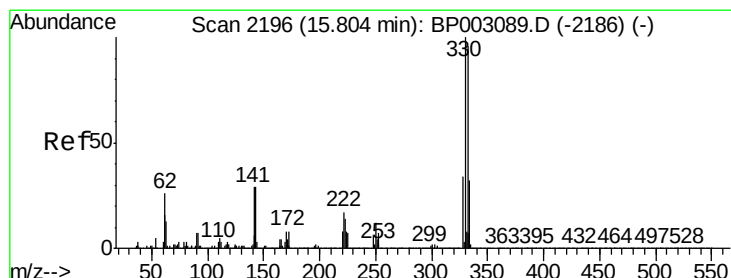
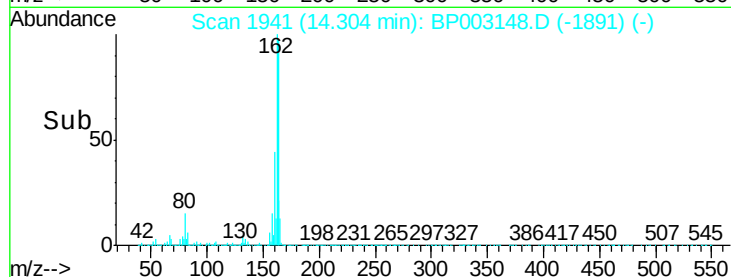
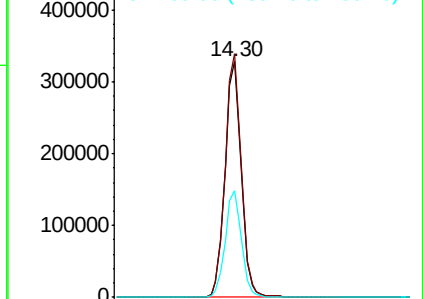
160 45.3 36.0 54.0



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: 119.380 ng

RT: 15.80 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BP003148.D

Acq: 28 Aug 2020 12:17

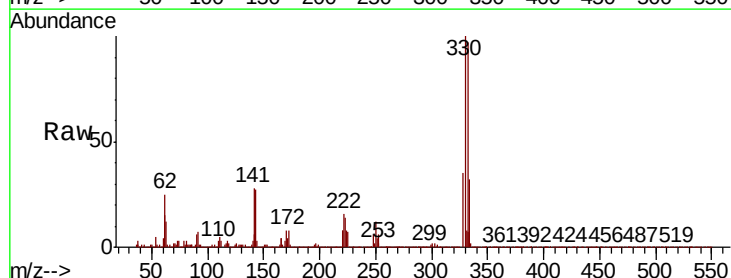
Tgt Ion:330 Resp: 782967

Ion Ratio Lower Upper

330 100

332 96.6 77.3 115.9

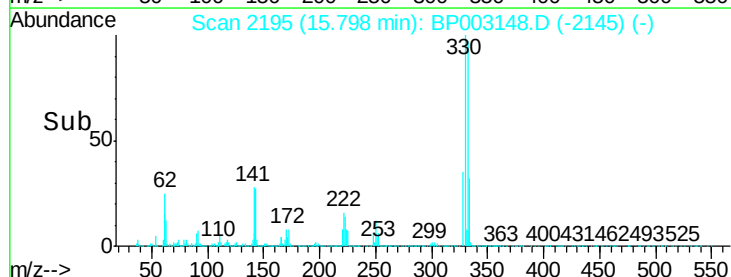
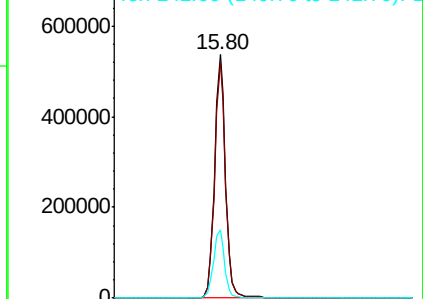
141 28.6 24.4 36.6

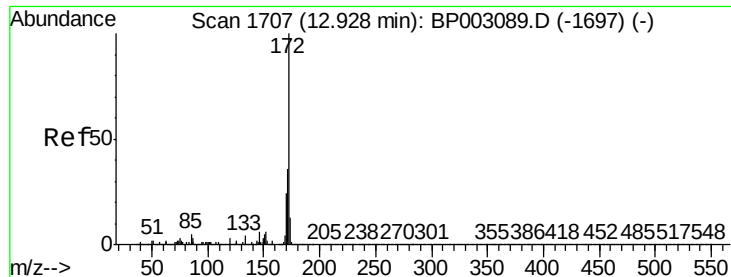


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

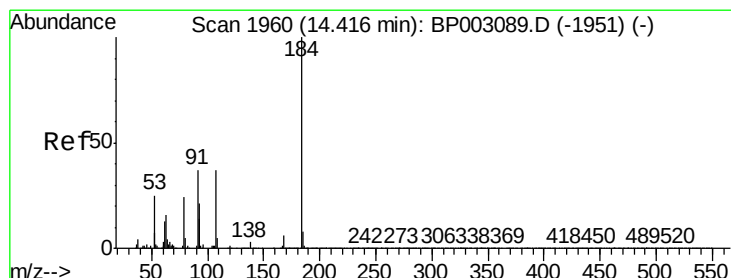
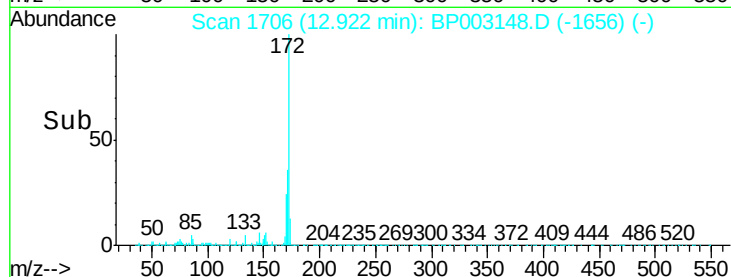
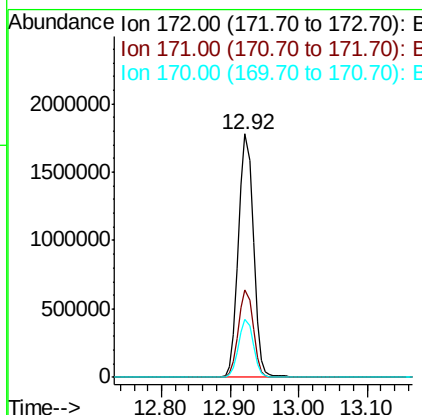
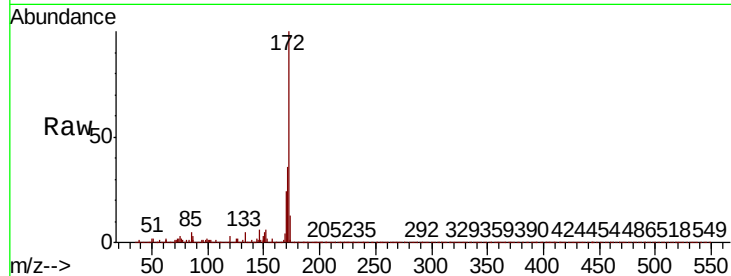




#45
2-Fluorobiphenyl
Concen: 81.467 ng
RT: 12.92 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BP003148.D
Acq: 28 Aug 2020 12:17

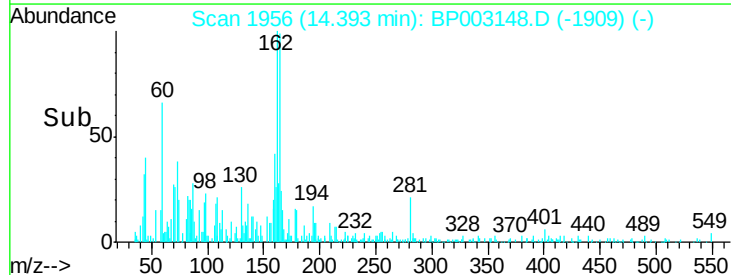
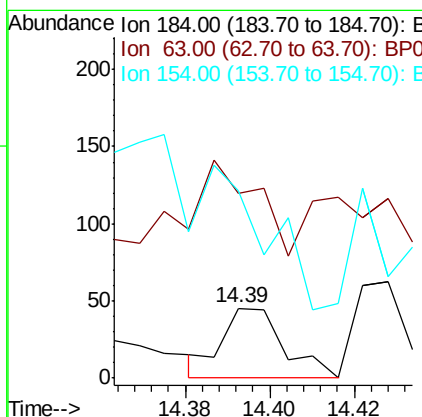
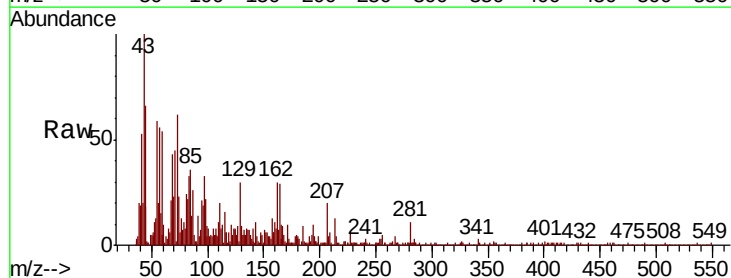
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PB131230BL

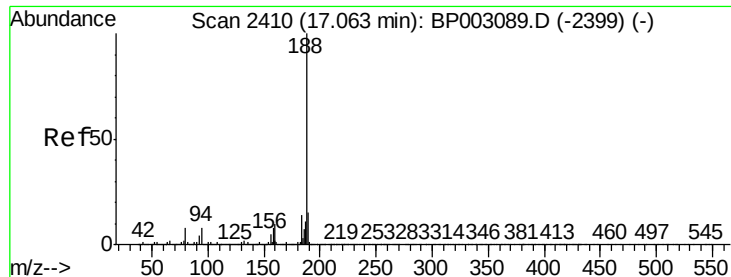
Tot Ion:172 Resp: 2697662
Ion Ratio Lower Upper
172 100
171 36.2 28.7 43.1
170 23.8 19.0 28.4



#54
2,4-Dinitrophenol
Concen: 7.765 ng
RT: 14.39 min Scan# 1956
Delta R.T. -0.02 min
Lab File: BP003148.D
Acq: 28 Aug 2020 12:17

Tgt Ion:184 Resp: 45
Ion Ratio Lower Upper
184 100
63 266.7 32.0 48.0#
154 268.9 48.2 72.2#

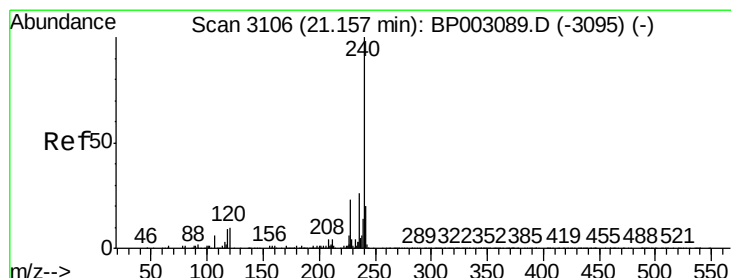
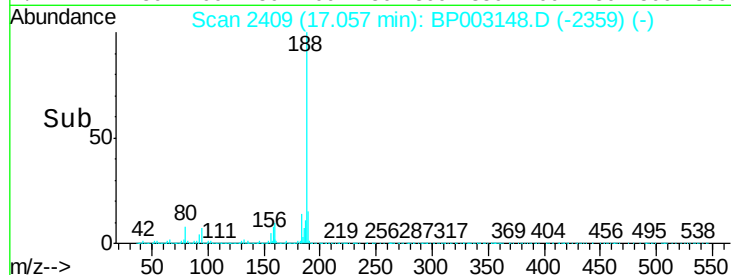
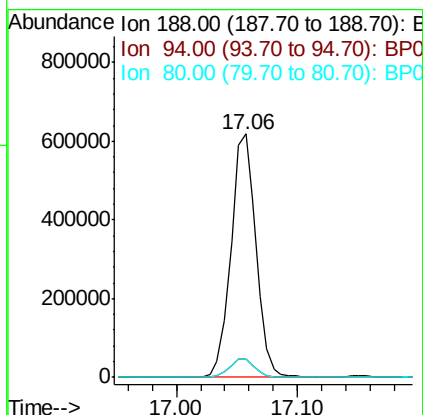
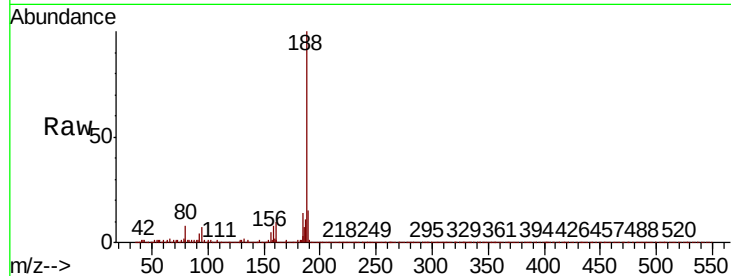




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2409
Delta R.T. -0.01 min
Lab File: BP003148.D
Acq: 28 Aug 2020 12:17

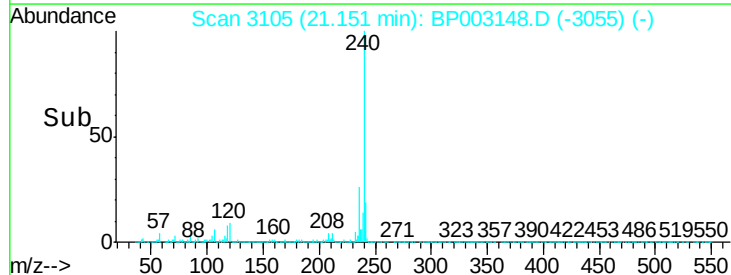
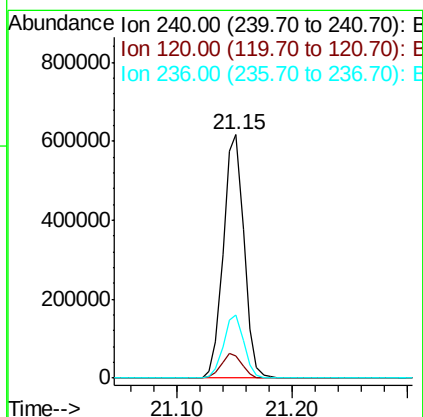
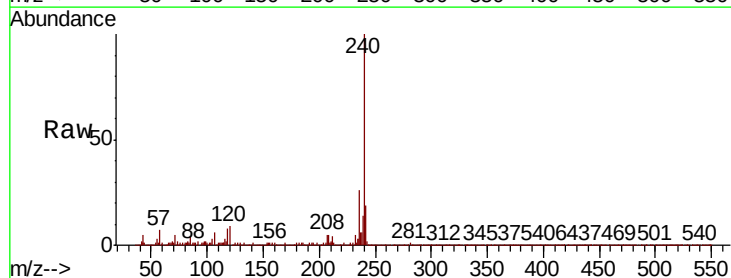
Instrument :
BNA_P
ClientSampleId :
PB131230BL

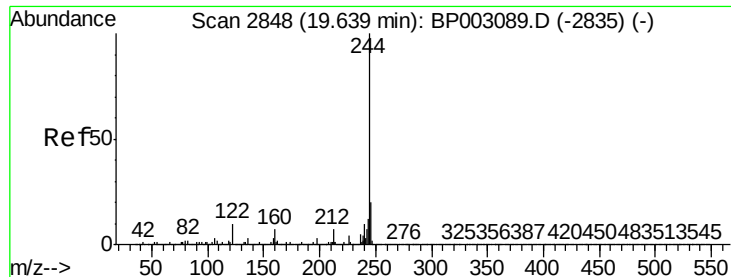
Tot Ion:188 Resp: 890688
Ion Ratio Lower Upper
188 100
94 7.3 6.2 9.4
80 7.6 6.4 9.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.15 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BP003148.D
Acq: 28 Aug 2020 12:17

Tgt Ion:240 Resp: 766575
Ion Ratio Lower Upper
240 100
120 9.3 8.4 12.6
236 25.9 20.6 31.0





#79

Terphenyl-d14

Concen: 76.792 ng

RT: 19.63 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BP003148.D

Acq: 28 Aug 2020 12:17

Instrument :

BNA_P

ClientSampleId :

PB131230BL

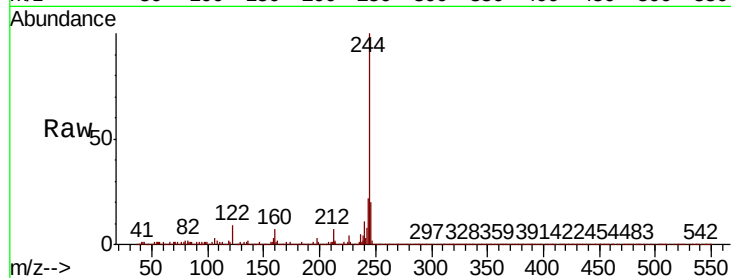
Tot Ion:244 Resp: 2675243

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

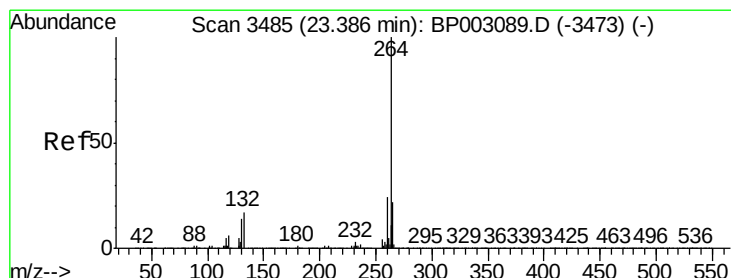
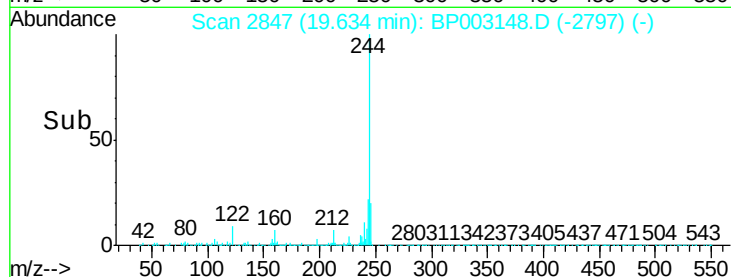
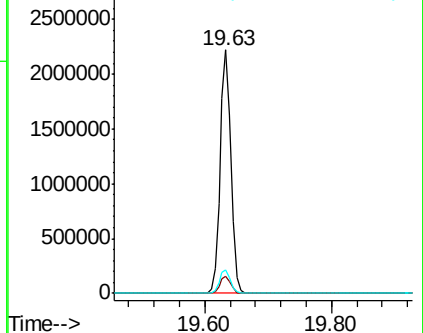
122 9.5 7.7 11.5



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.39 min Scan# 3485

Delta R.T. 0.00 min

Lab File: BP003148.D

Acq: 28 Aug 2020 12:17

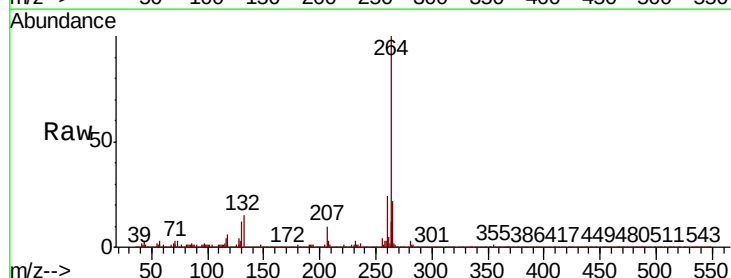
Tgt Ion:264 Resp: 943893

Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.6

265 21.9 17.7 26.5



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

