

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
 Data File : BP003212.D
 Acq On : 04 Sep 2020 15:34
 Operator : CG/JU
 Sample : L3896-01 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-1

Quant Time: Sep 04 16:39:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 14:37:05 2020
 Response via : Initial Calibration

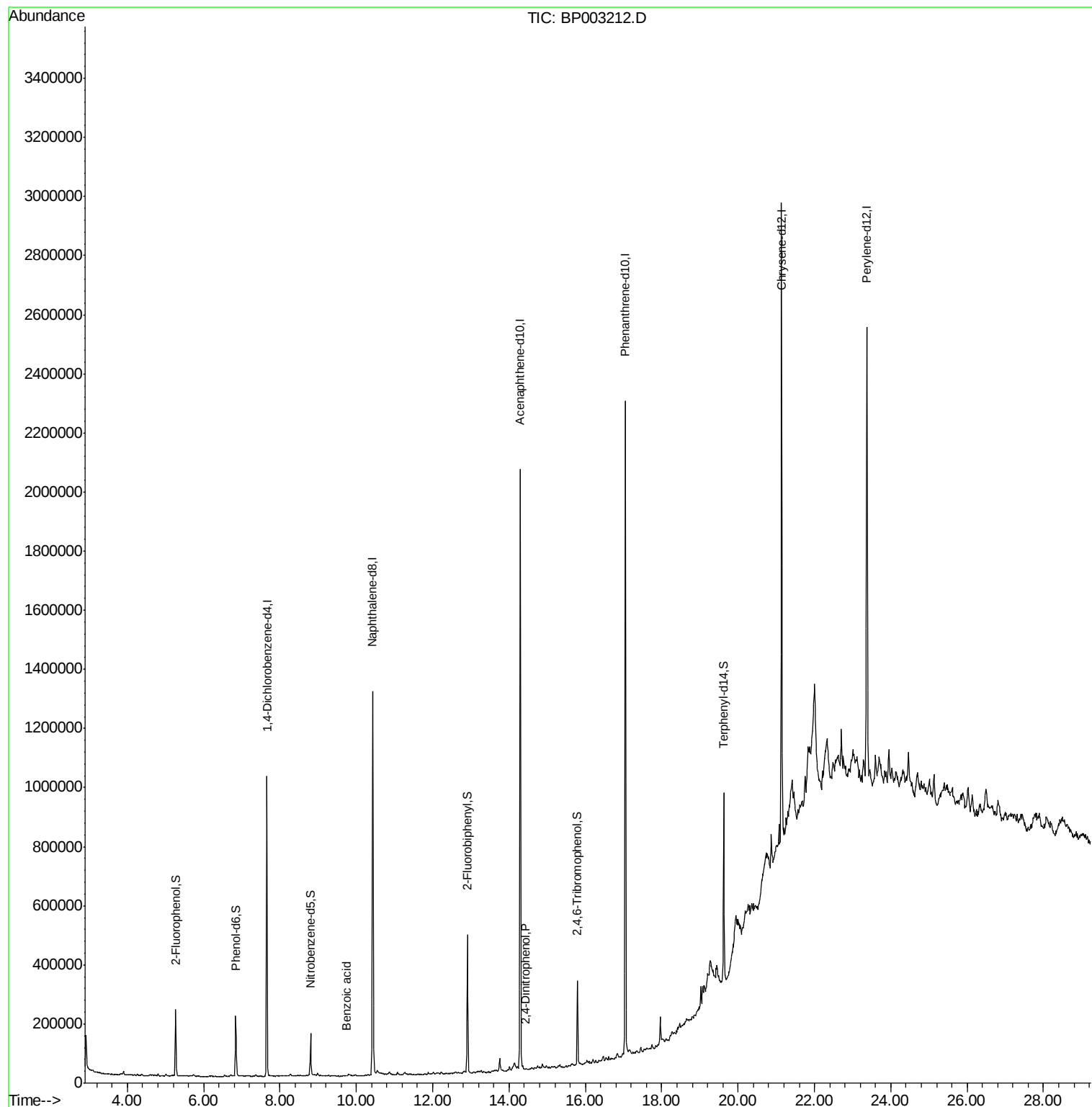
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	308340	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	1226458	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	730404	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	1403042	20.00	ng	0.00
76) Chrysene-d12	21.14	240	1024362	20.00	ng	0.00
86) Perylene-d12	23.37	264	1093056	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	121572	6.97	ng	0.00
7) Phenol-d6	6.84	99	144190	6.60	ng	0.00
23) Nitrobenzene-d5	8.80	82	84585	4.97	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	64232	6.50	ng	0.00
45) 2-Fluorobiphenyl	12.91	172	255249	5.12	ng	0.00
79) Terphenyl-d14	19.62	244	287845	6.18	ng	0.00
Target Compounds						
32) Benzoic acid	9.73	122	407	9.025	ng	90
54) 2,4-Dinitrophenol	14.42	184	20	7.758	ng	# 1

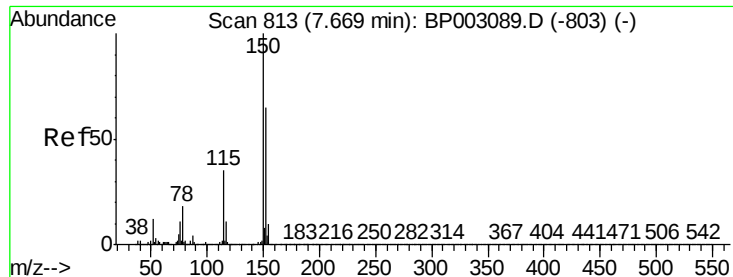
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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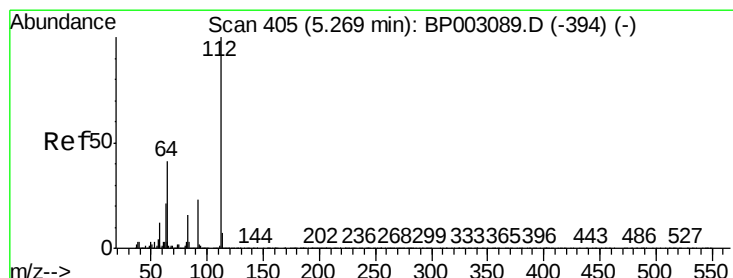
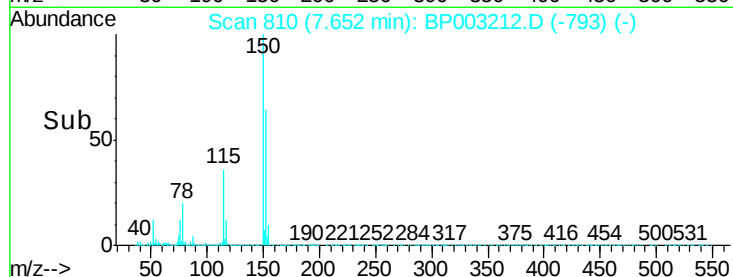
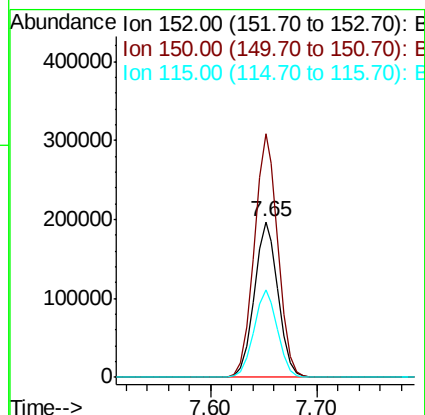
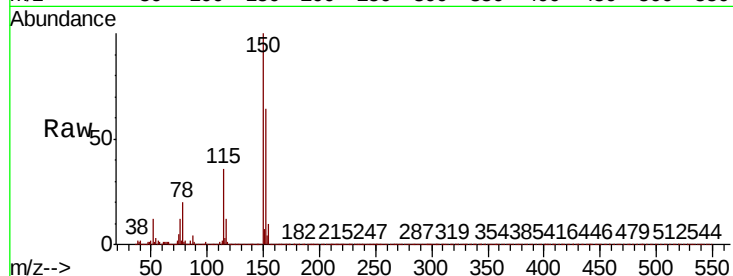


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 810
Delta R.T. -0.00 min
Lab File: BP003212.D
Acq: 04 Sep 2020 15:34

Instrument :
BNA_P
ClientSampleId :
WC-1

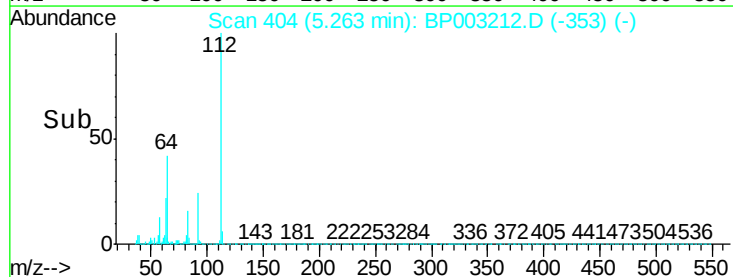
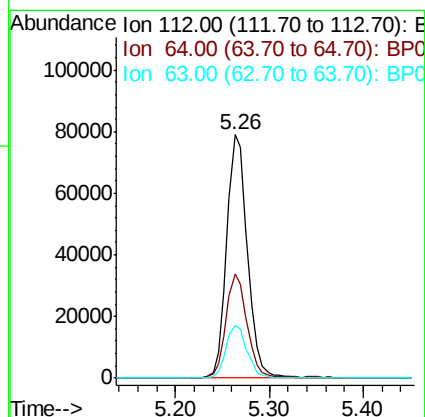
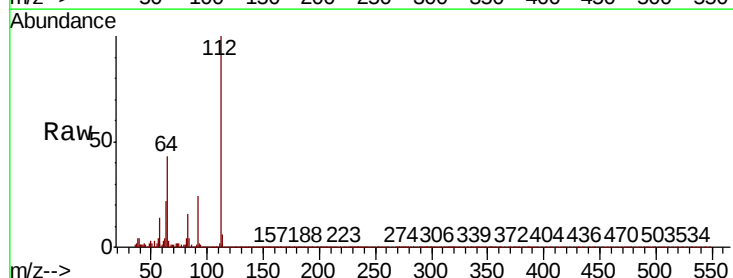
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	123.8	185.6
115	55.8	43.8	65.6

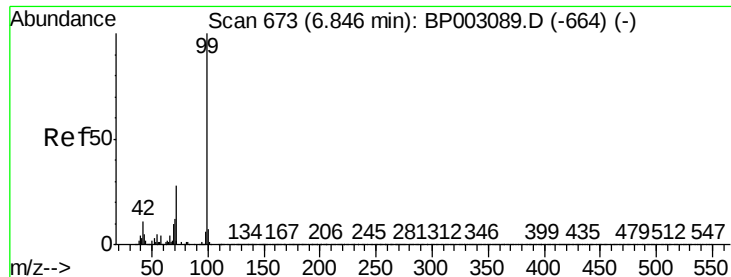


#5

2-Fluorophenol
Concen: 6.971 ng
RT: 5.26 min Scan# 404
Delta R.T. -0.00 min
Lab File: BP003212.D
Acq: 04 Sep 2020 15:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	42.7	32.8	49.2
63	21.9	17.0	25.4





#7

Phenol-d6

Concen: 6.595 ng

RT: 6.84 min Scan# 672

Delta R.T. 0.01 min

Lab File: BP003212.D

Acq: 04 Sep 2020 15:34

Instrument :

BNA_P

ClientSampleId :

WC-1

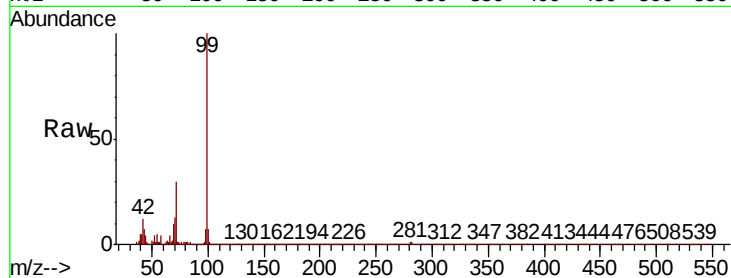
Tot Ion: 99 Resp: 144190

Ion Ratio Lower Upper

99 100

42 12.0 8.6 13.0

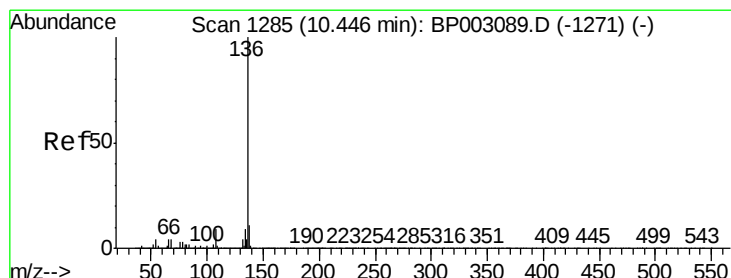
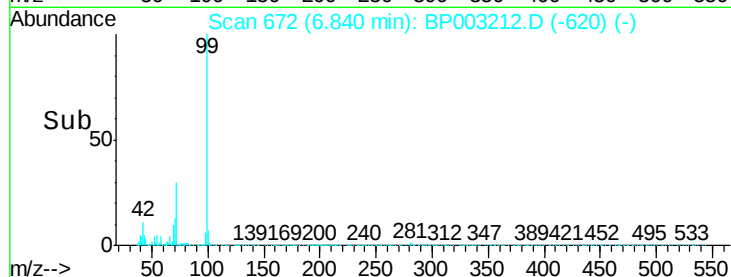
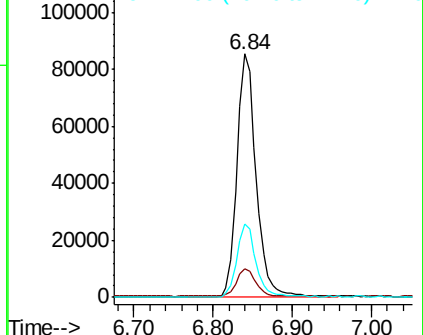
71 29.9 23.4 35.2



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: 10.43 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BP003212.D

Acq: 04 Sep 2020 15:34

Tgt Ion: 136 Resp: 1226458

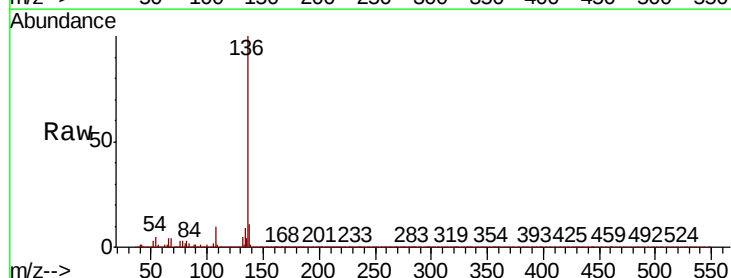
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 4.7 3.6 5.4

68 4.3 3.3 4.9

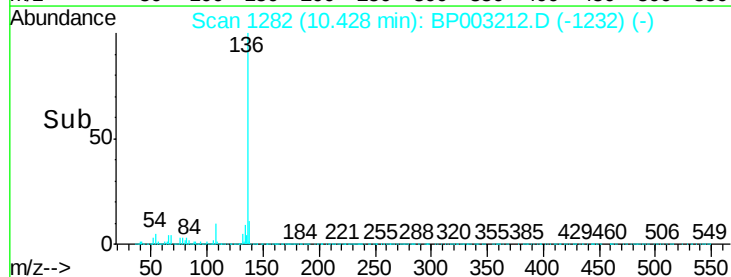
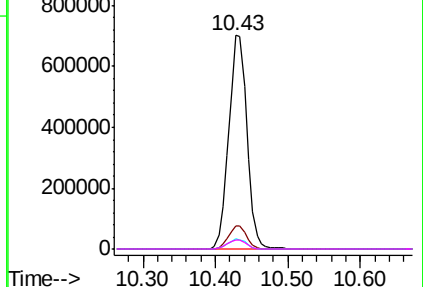


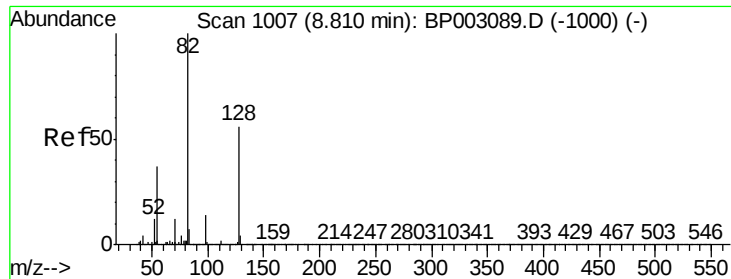
Abundance Ion 136.00 (135.70 to 136.70): E

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

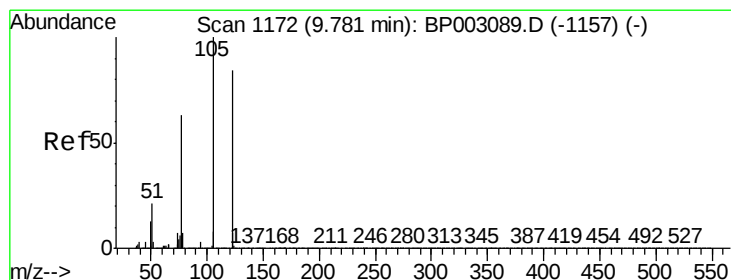
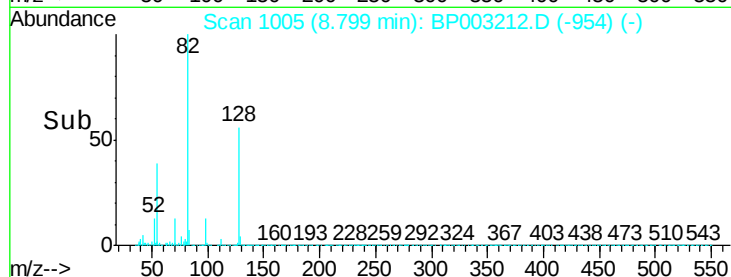
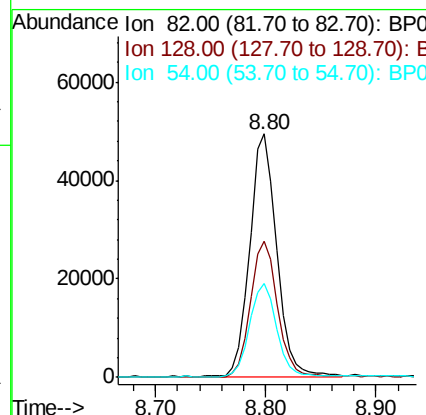
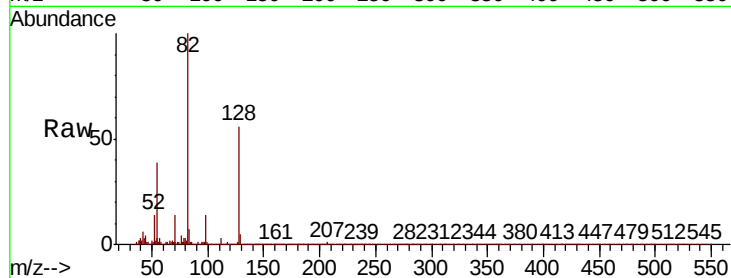




#23
 Nitrobenzene-d5
 Concen: 4.972 ng
 RT: 8.80 min Scan# 1005
 Delta R.T. -0.00 min
 Lab File: BP003212.D
 Acq: 04 Sep 2020 15:34

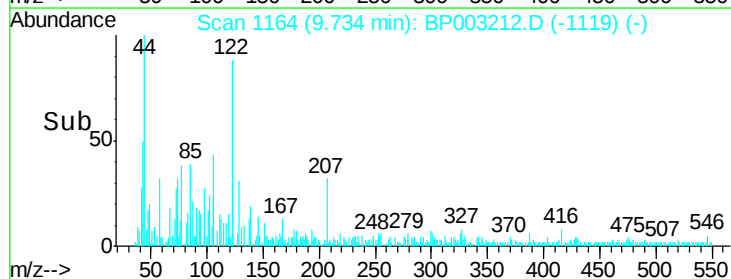
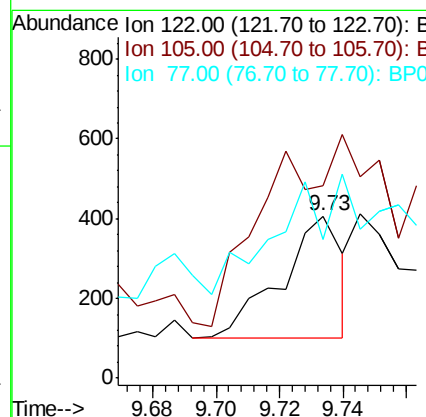
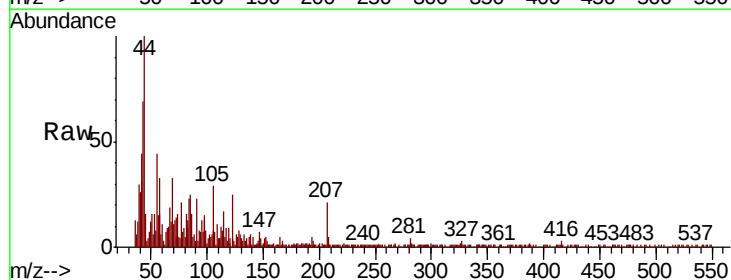
Instrument :
 BNA_P
 ClientSampleId :
 WC-1

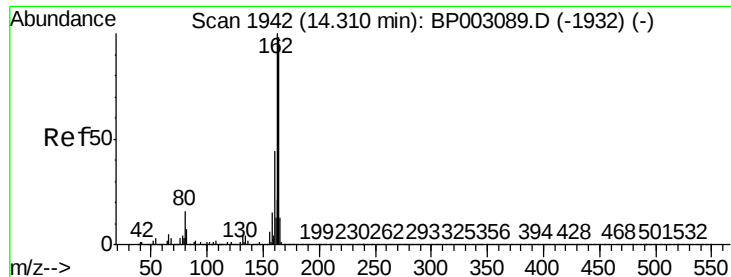
Tot Ion	82	Resp	84585
Ion Ratio	Lower	Upper	
82	100		
128	55.8	45.6	68.4
54	38.8	30.1	45.1



#32
 Benzoic acid
 Concen: 9.025 ng
 RT: 9.73 min Scan# 1164
 Delta R.T. -0.04 min
 Lab File: BP003212.D
 Acq: 04 Sep 2020 15:34

Tgt Ion	122	Resp	407
Ion Ratio	Lower	Upper	
122	100		
105	119.2	94.1	134.1
77	85.7	50.1	90.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.29 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BP003212.D

Acq: 04 Sep 2020 15:34

Instrument :

BNA_P

ClientSampleId :

WC-1

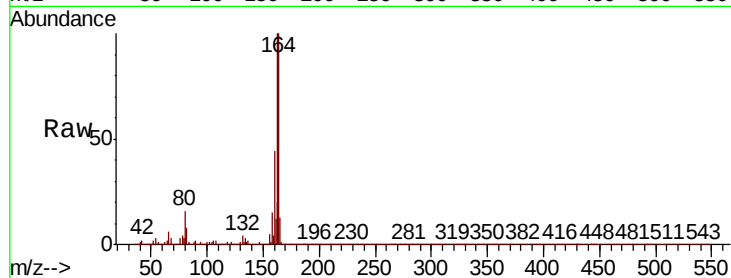
Tot Ion:164 Resp: 730404

Ion Ratio Lower Upper

164 100

162 100.4 79.4 119.2

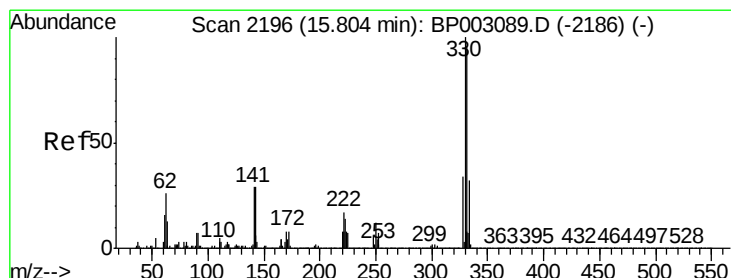
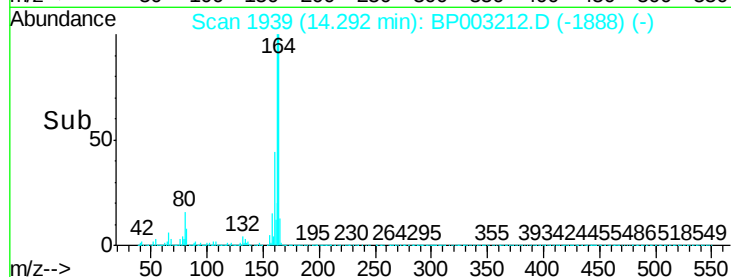
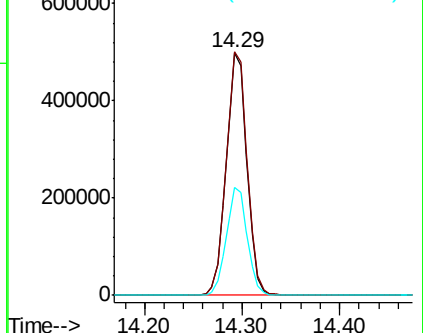
160 44.3 36.1 54.1



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: 6.502 ng

RT: 15.79 min Scan# 2194

Delta R.T. -0.00 min

Lab File: BP003212.D

Acq: 04 Sep 2020 15:34

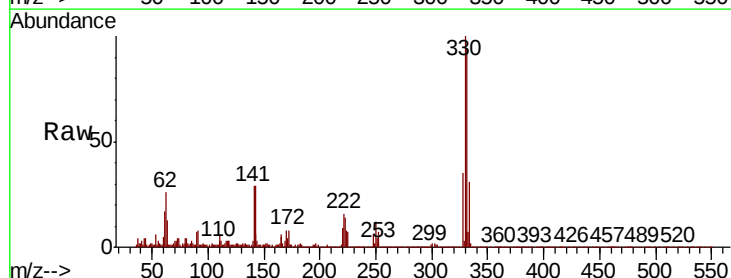
Tgt Ion:330 Resp: 64232

Ion Ratio Lower Upper

330 100

332 96.3 77.1 115.7

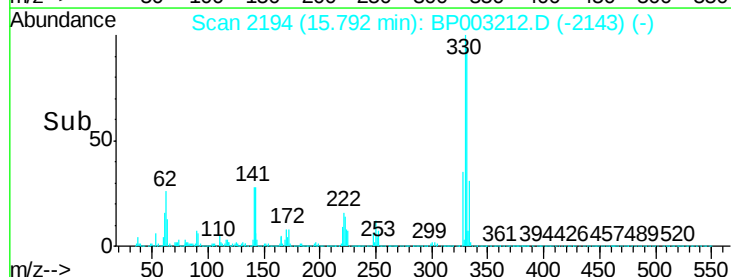
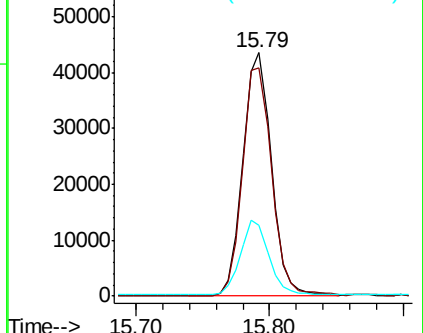
141 30.2 23.4 35.2

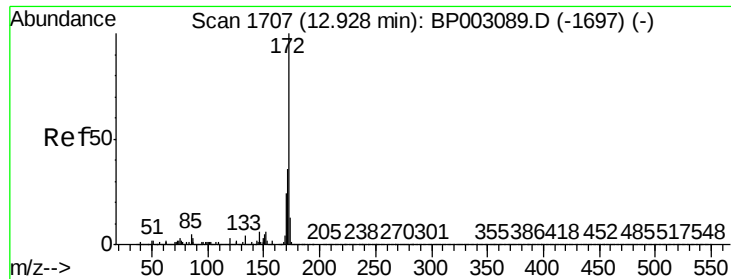


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

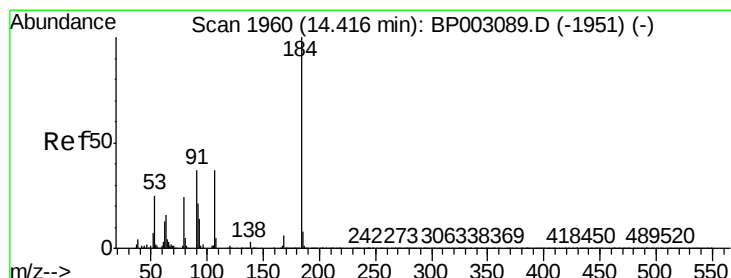
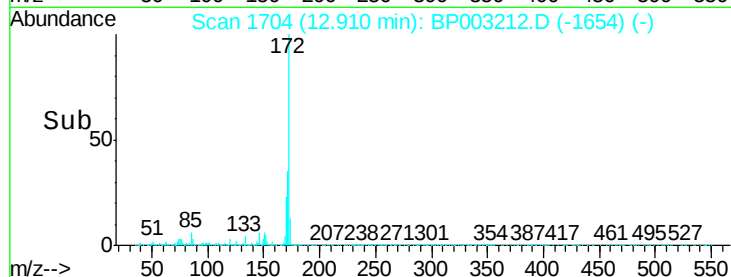
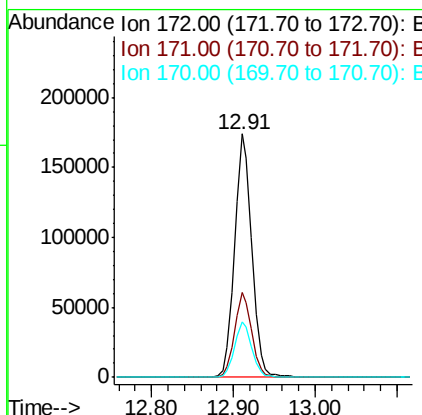
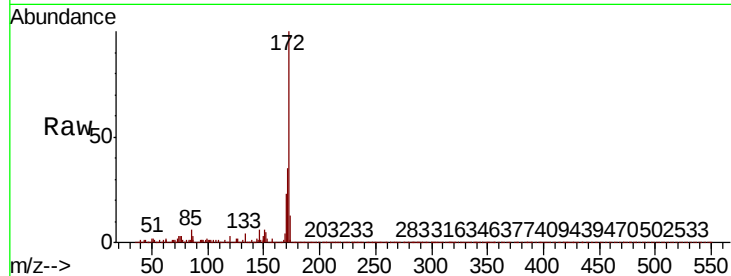




#45
2-Fluorobiphenyl
Concen: 5.118 ng
RT: 12.91 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BP003212.D
Acq: 04 Sep 2020 15:34

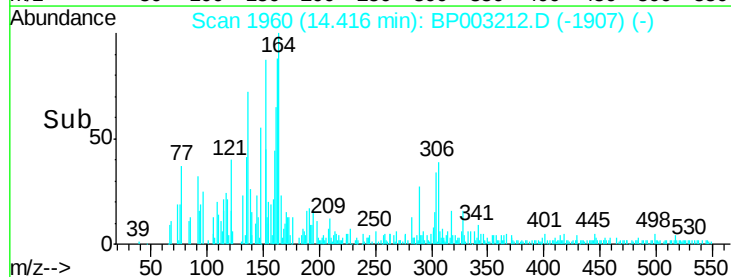
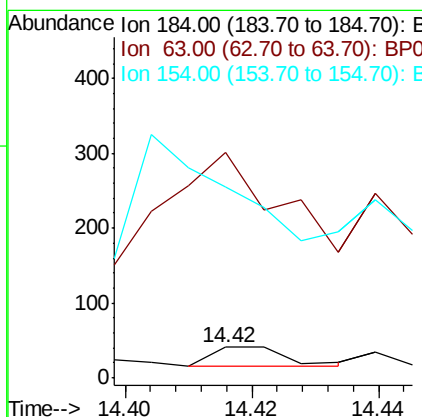
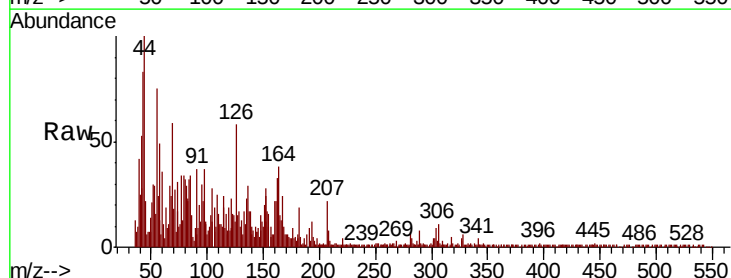
Instrument :
BNA_P
ClientSampleId :
WC-1

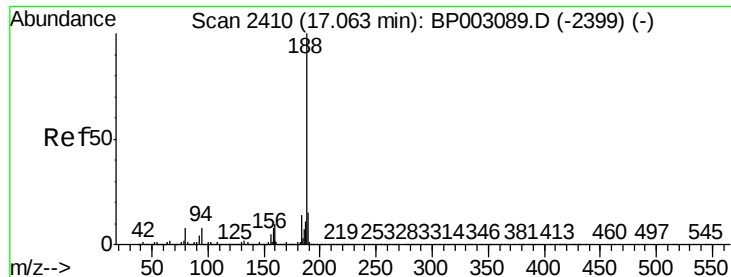
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.5	42.7
170	22.6	19.2	28.8



#54
2,4-Dinitrophenol
Concen: 7.758 ng
RT: 14.42 min Scan# 1960
Delta R.T. 0.01 min
Lab File: BP003212.D
Acq: 04 Sep 2020 15:34

Tgt Ion	Ratio	Lower	Upper
184	100		
63	736.6	32.3	48.5#
154	622.0	49.1	73.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.05 min Scan# 2407

Delta R.T. -0.00 min

Lab File: BP003212.D

Acq: 04 Sep 2020 15:34

Instrument :

BNA_P

ClientSampleId :

WC-1

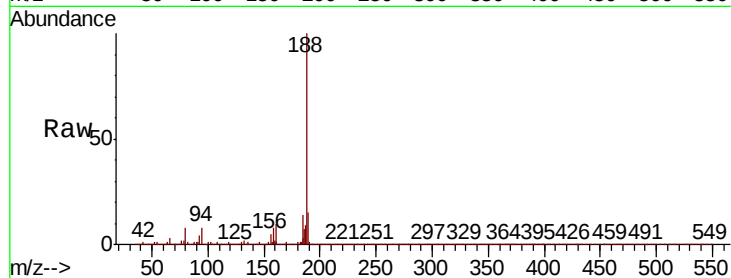
Tot Ion:188 Resp: 1403042

Ion Ratio Lower Upper

188 100

94 7.6 6.2 9.2

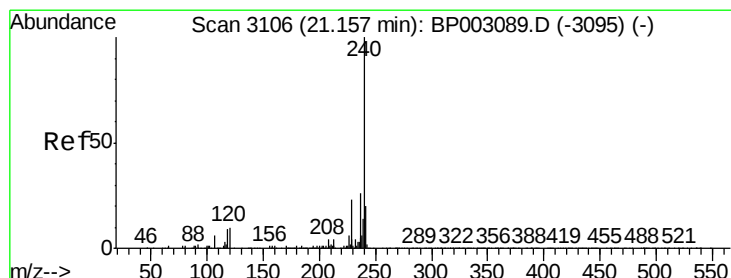
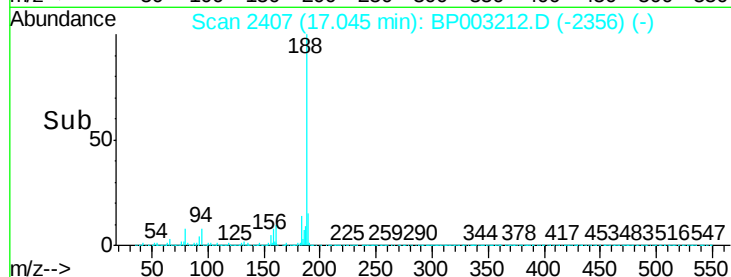
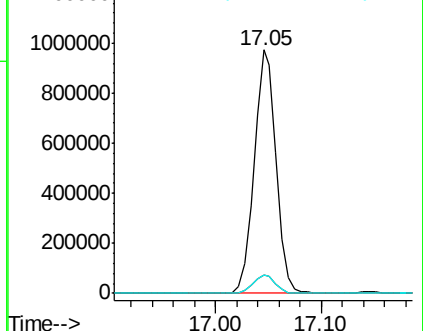
80 7.8 6.2 9.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BPO

Ion 80.00 (79.70 to 80.70): BPO



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.14 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BP003212.D

Acq: 04 Sep 2020 15:34

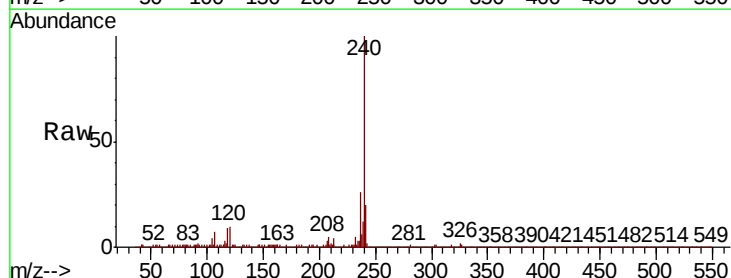
Tgt Ion:240 Resp: 1024362

Ion Ratio Lower Upper

240 100

120 10.1 7.8 11.6

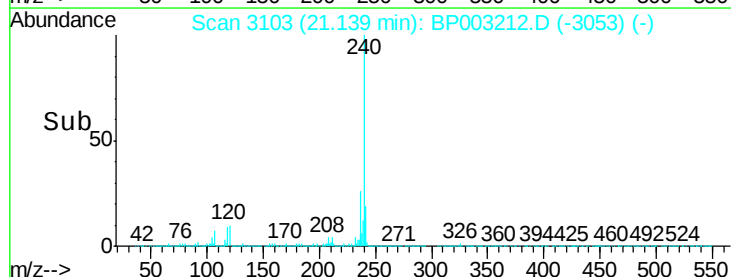
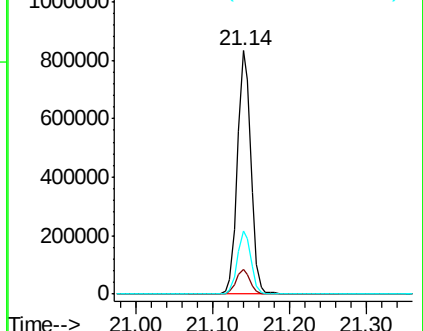
236 25.8 20.8 31.2

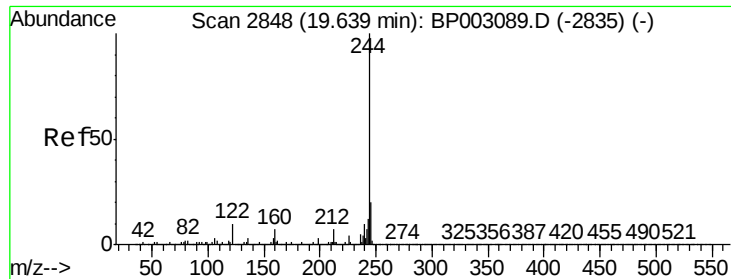


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 6.183 ng

RT: 19.62 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BP003212.D

Acq: 04 Sep 2020 15:34

Instrument :

BNA_P

ClientSampleId :

WC-1

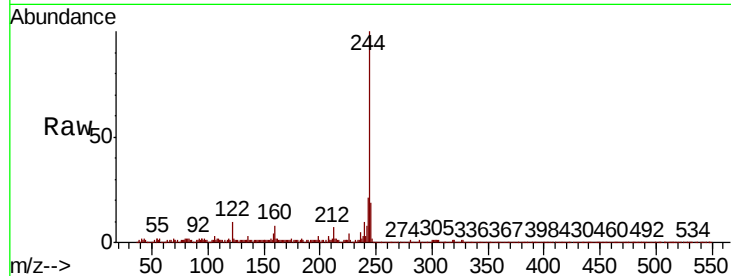
Tot Ion:244 Resp: 287845

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 10.5 7.8 11.8



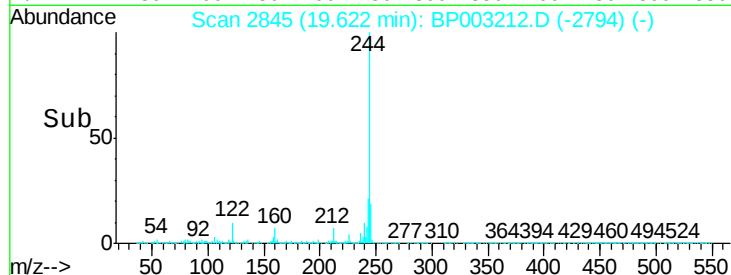
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

19.62

Time-->



Abundance

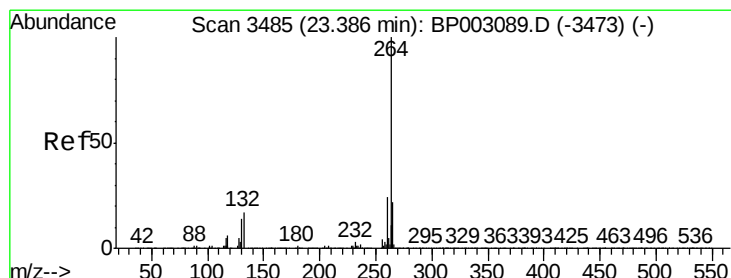
Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

19.62

Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.37 min Scan# 3483

Delta R.T. 0.01 min

Lab File: BP003212.D

Acq: 04 Sep 2020 15:34

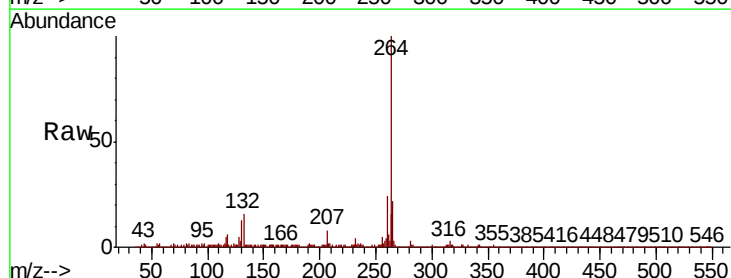
Tgt Ion:264 Resp: 1093056

Ion Ratio Lower Upper

264 100

260 24.2 18.8 28.2

265 22.1 17.4 26.2



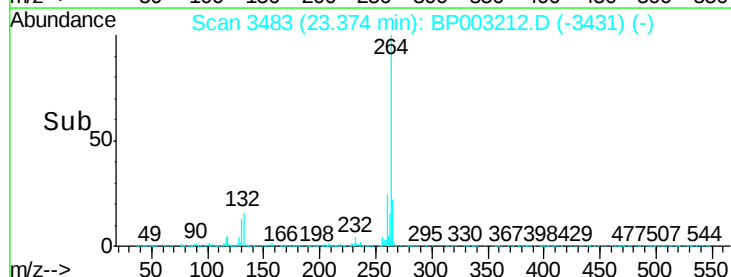
Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

23.37

Time-->



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

23.37

Time-->