

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062520\
 Data File : BP002538.D
 Acq On : 25 Jun 2020 10:44
 Operator : CG/JU
 Sample : PB129731BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB129731BL

Quant Time: Jun 25 12:00:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 24 13:54:06 2020
 Response via : Initial Calibration

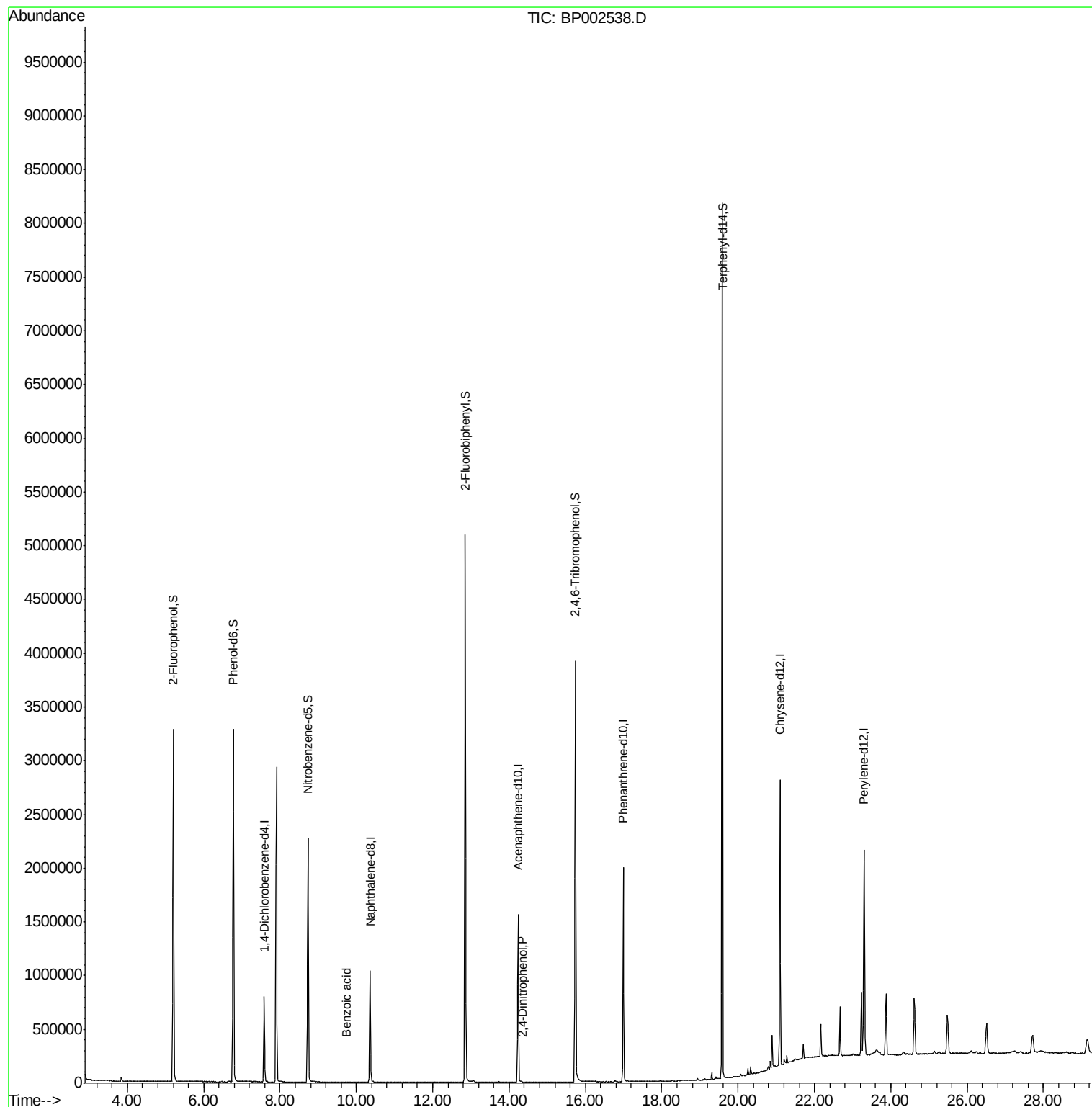
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	210711	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	853910	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	535120	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	1208127	20.00	ng	0.00
76) Chrysene-d12	21.10	240	1276076	20.00	ng	0.00
86) Perylene-d12	23.30	264	1393460	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1451086	127.43	ng	0.00
7) Phenol-d6	6.78	99	1892920	124.86	ng	0.00
23) Nitrobenzene-d5	8.73	82	1360755	95.17	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	763869	149.09	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	2739941	86.09	ng	0.00
79) Terphenyl-d14	19.59	244	4208705	84.67	ng	0.01
Target Compounds						
9) Benzaldehyde	6.78	77	3392	Below Cal	#	5
32) Benzoic acid	9.73	122	20	4.601 ng	#	1
54) 2,4-Dinitrophenol	14.35	184	22	2.790 ng	#	1
61) 4-Chlorophenyl-phenylether	15.44	204	18	Below Cal		90

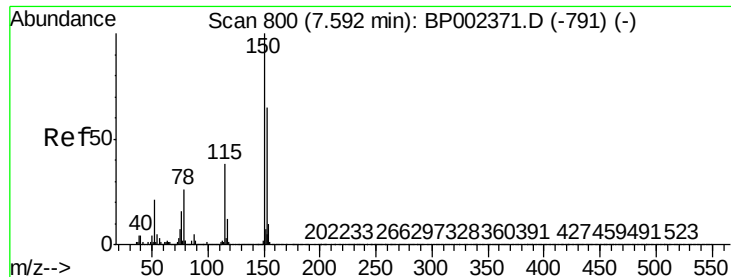
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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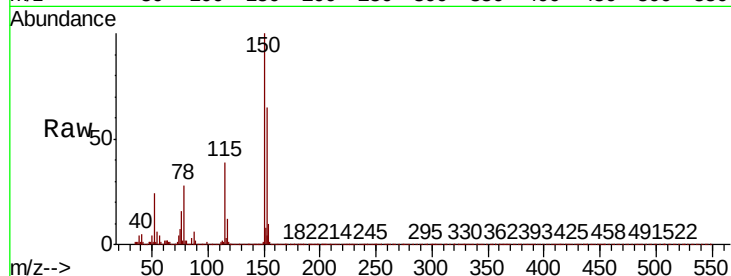


#1

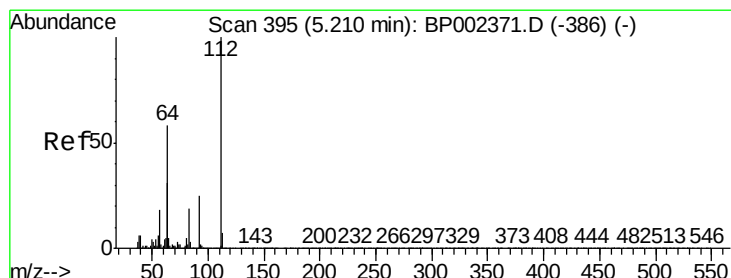
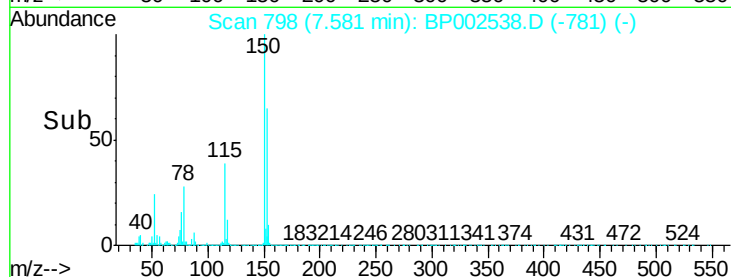
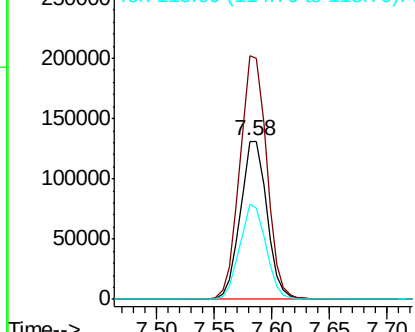
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.58 min Scan# 798
Delta R.T. -0.00 min
Lab File: BP002538.D
Acq: 25 Jun 2020 10:44

Instrument :
BNA_P
ClientSampleId :
PB129731BL

Tot Ion:152 Resp: 210711
Ion Ratio Lower Upper
152 100
150 154.2 124.4 186.6
115 60.0 47.8 71.6



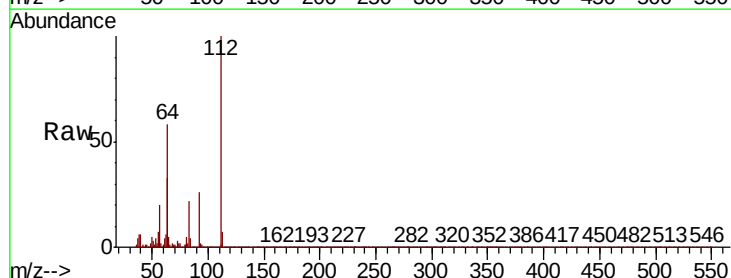
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



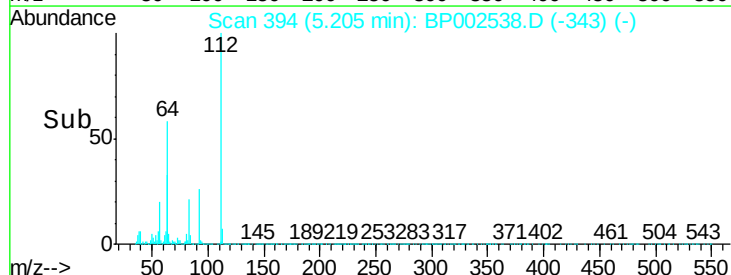
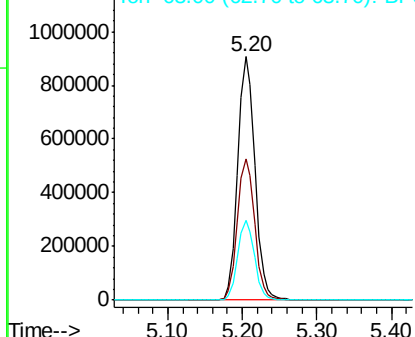
#5

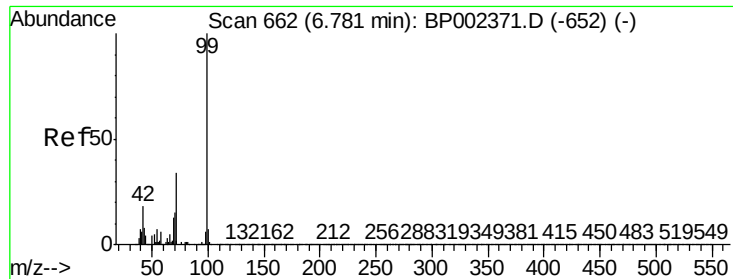
2-Fluorophenol
Concen: 127.431 ng
RT: 5.20 min Scan# 394
Delta R.T. -0.00 min
Lab File: BP002538.D
Acq: 25 Jun 2020 10:44

Tgt Ion:112 Resp: 1451086
Ion Ratio Lower Upper
112 100
64 58.2 46.4 69.6
63 32.5 25.0 37.6



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: 124.856 ng

RT: 6.78 min Scan# 662

Delta R.T. 0.01 min

Lab File: BP002538.D

Acq: 25 Jun 2020 10:44

Instrument :

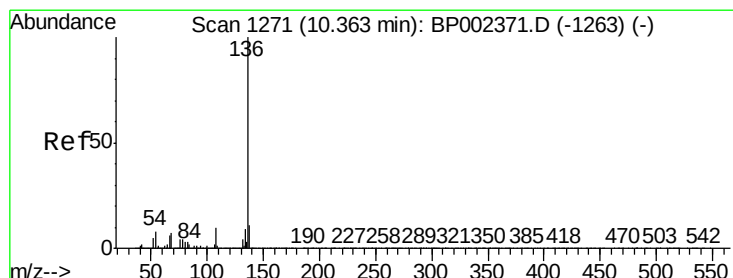
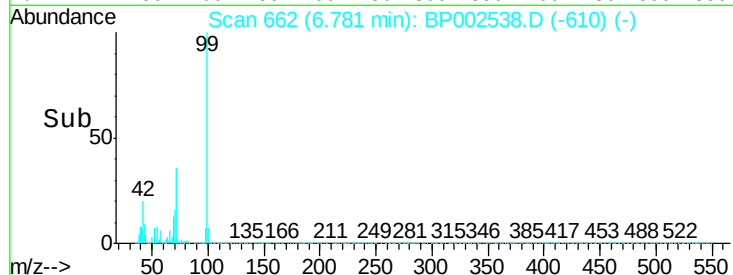
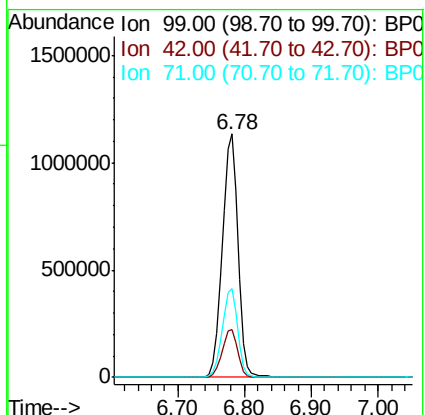
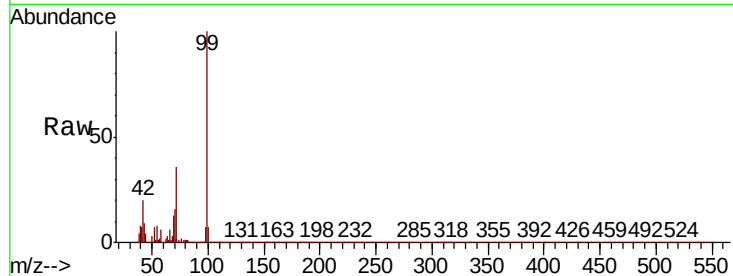
BNA_P

ClientSampleId :

PB129731BL

Tot Ion: 99 Resp: 1892920

Ion	Ratio	Lower	Upper
99	100		
42	19.7	15.3	22.9
71	36.4	28.2	42.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.36 min Scan# 1270

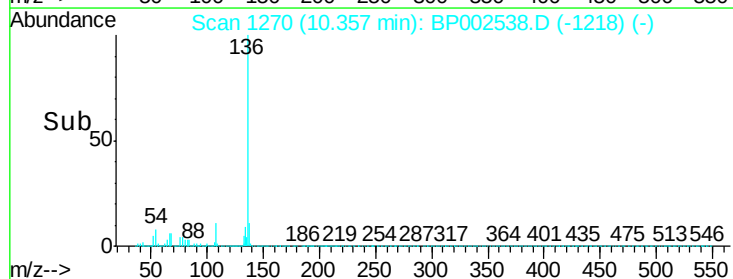
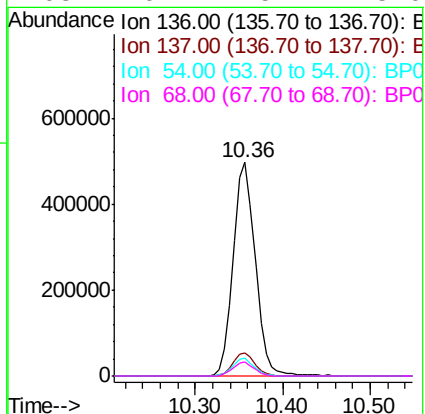
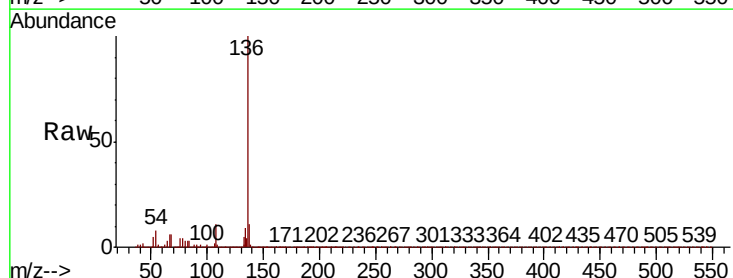
Delta R.T. 0.01 min

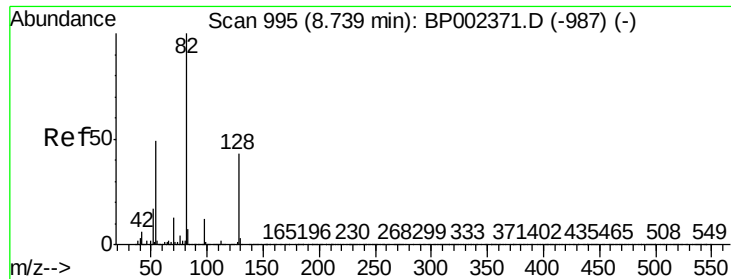
Lab File: BP002538.D

Acq: 25 Jun 2020 10:44

Tgt Ion: 136 Resp: 853910

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.1	6.6	10.0
68	6.4	5.4	8.0

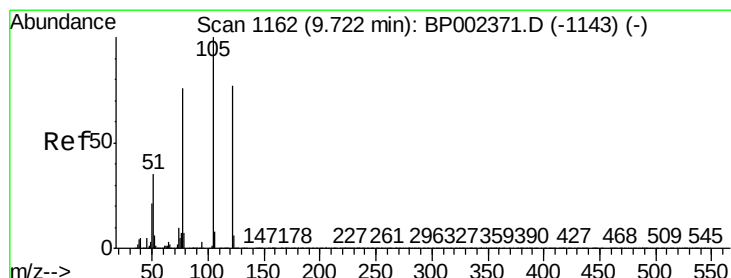
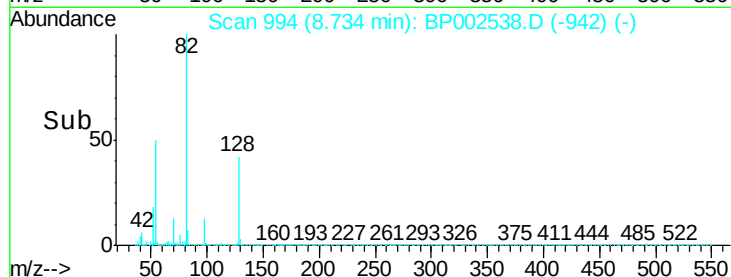
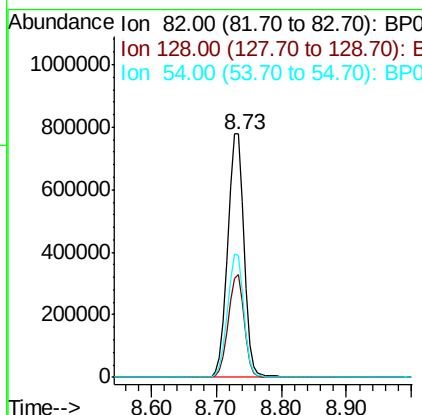
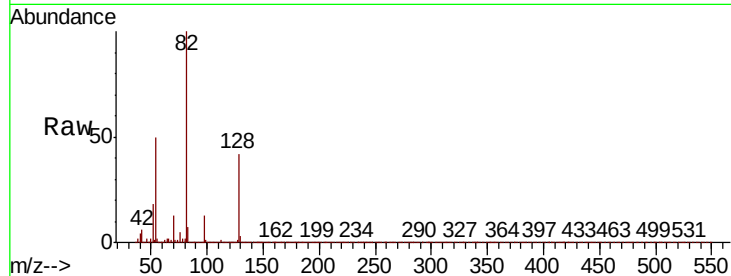




#23
Nitrobenzene-d5
Concen: 95.166 ng
RT: 8.73 min Scan# 994
Delta R.T. 0.01 min
Lab File: BP002538.D
Acq: 25 Jun 2020 10:44

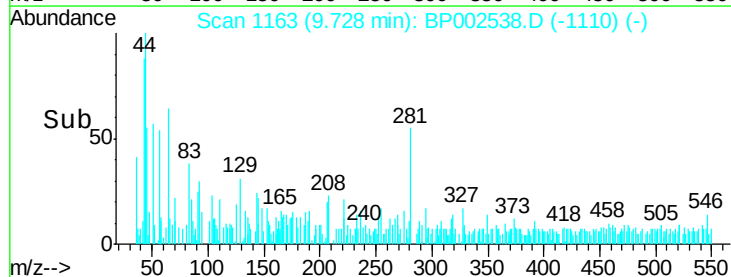
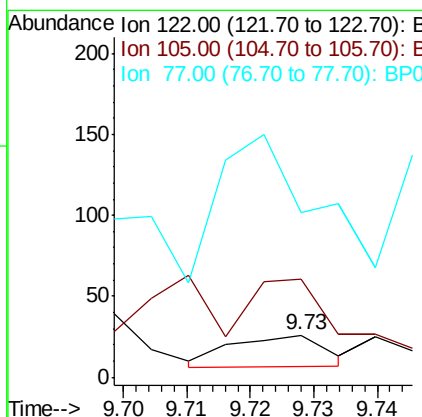
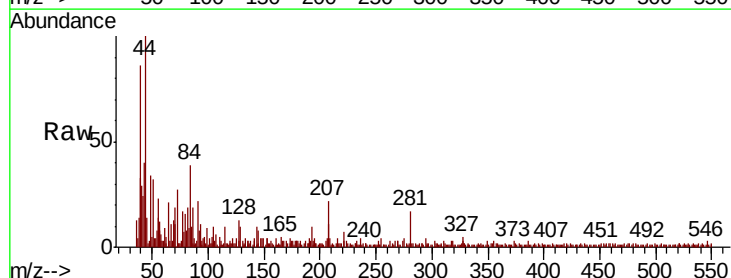
Instrument :
BNA_P
ClientSampled :
PB129731BL

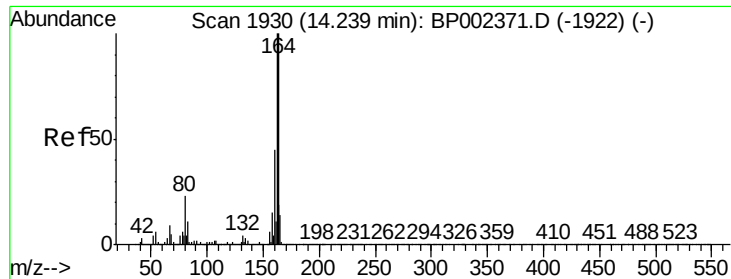
Tot Ion: 82 Resp: 1360755
Ion Ratio Lower Upper
82 100
128 42.0 32.8 49.2
54 50.0 39.9 59.9



#32
Benzoic acid
Concen: 4.601 ng
RT: 9.73 min Scan# 1163
Delta R.T. 0.01 min
Lab File: BP002538.D
Acq: 25 Jun 2020 10:44

Tgt Ion: 122 Resp: 20
Ion Ratio Lower Upper
122 100
105 234.6 105.0 145.0#
77 392.3 76.9 116.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.23 min Scan# 1929

Delta R.T. 0.01 min

Lab File: BP002538.D

Acq: 25 Jun 2020 10:44

Instrument :

BNA_P

ClientSampleId :

PB129731BL

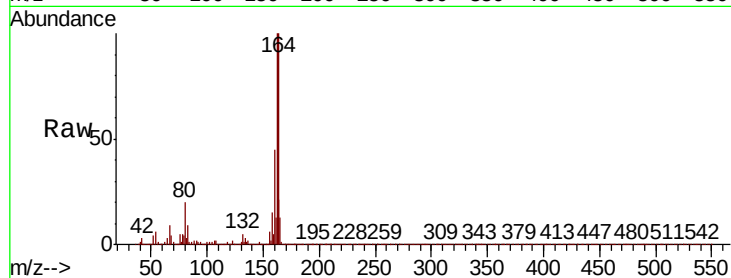
Tot Ion:164 Resp: 535120

Ion Ratio Lower Upper

164 100

162 100.4 80.6 121.0

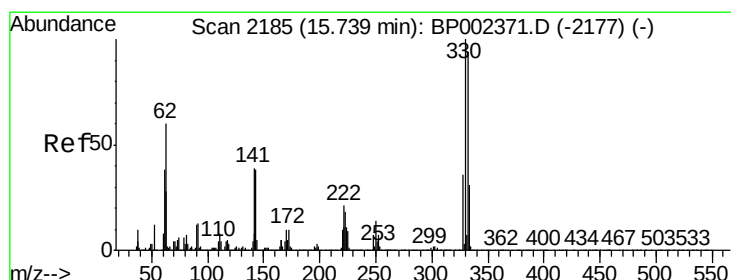
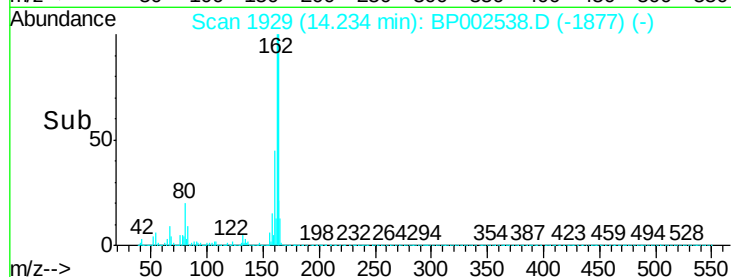
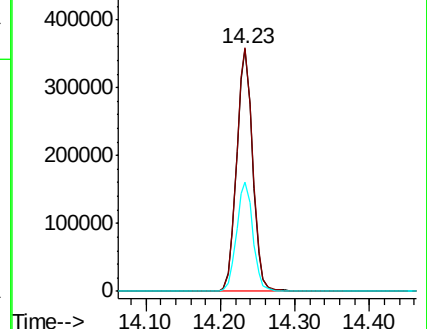
160 44.8 35.4 53.2



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: 149.094 ng

RT: 15.73 min Scan# 2184

Delta R.T. 0.01 min

Lab File: BP002538.D

Acq: 25 Jun 2020 10:44

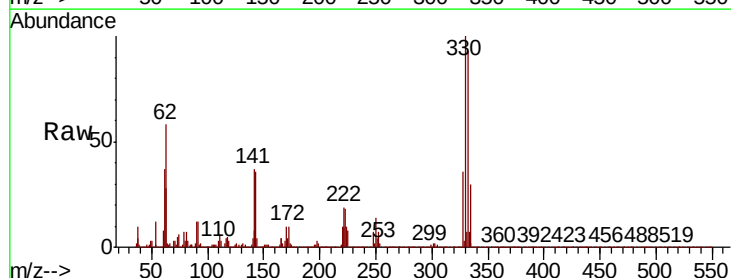
Tgt Ion:330 Resp: 763869

Ion Ratio Lower Upper

330 100

332 95.5 77.2 115.8

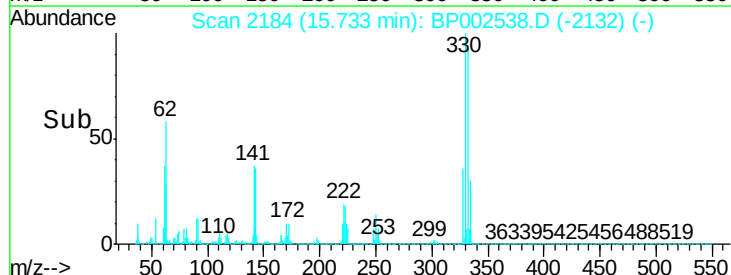
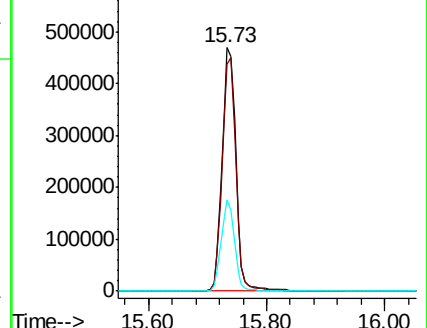
141 36.4 30.4 45.6

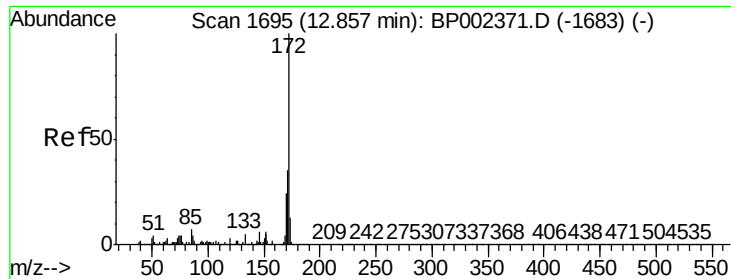


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

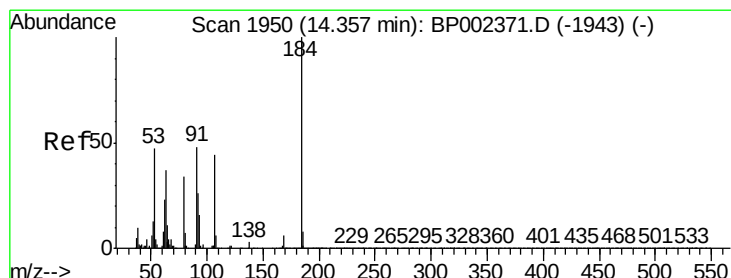
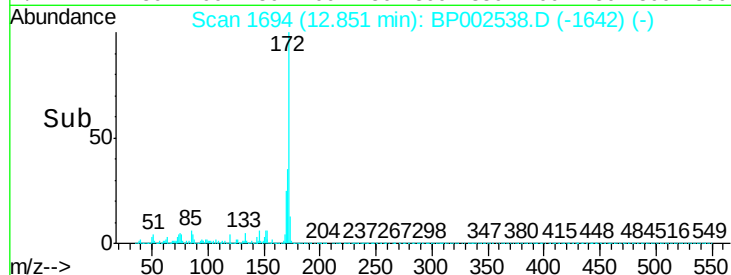
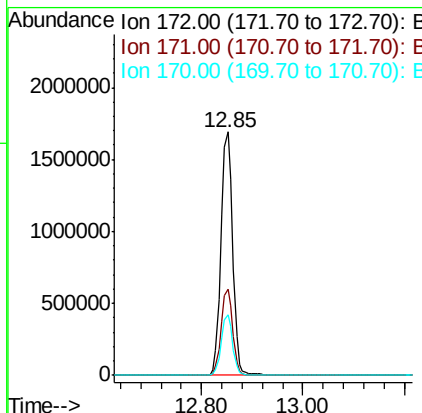
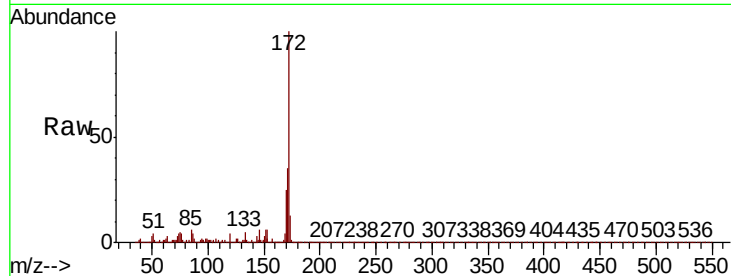




#45
2-Fluorobiphenyl
Concen: 86.093 ng
RT: 12.85 min Scan# 1694
Delta R.T. 0.01 min
Lab File: BP002538.D
Acq: 25 Jun 2020 10:44

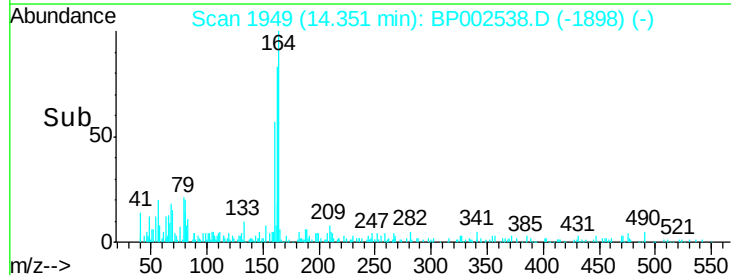
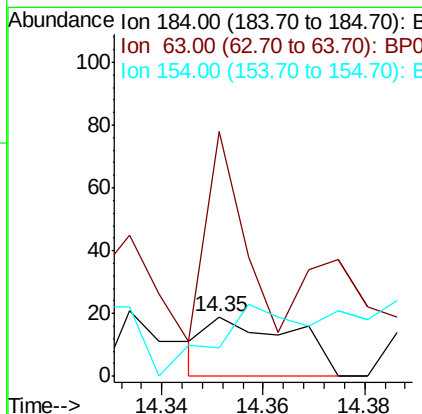
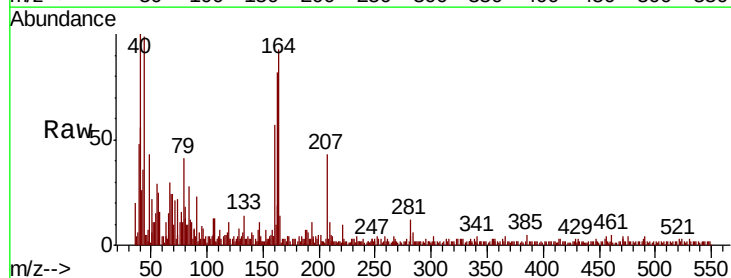
Instrument :
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PB129731BL

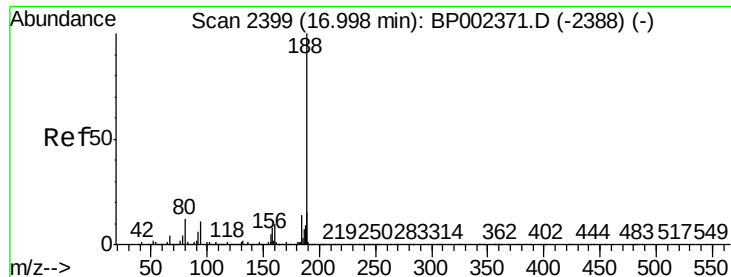
Tot Ion:172 Resp: 2739941
Ion Ratio Lower Upper
172 100
171 35.4 27.9 41.9
170 24.8 19.0 28.6



#54
2,4-Dinitrophenol
Concen: 2.790 ng
RT: 14.35 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BP002538.D
Acq: 25 Jun 2020 10:44

Tgt Ion:184 Resp: 22
Ion Ratio Lower Upper
184 100
63 410.5 51.3 76.9#
154 47.4 50.2 75.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.99 min Scan# 2398

Delta R.T. 0.01 min

Lab File: BP002538.D

Acq: 25 Jun 2020 10:44

Instrument :

BNA_P

ClientSampleId :

PB129731BL

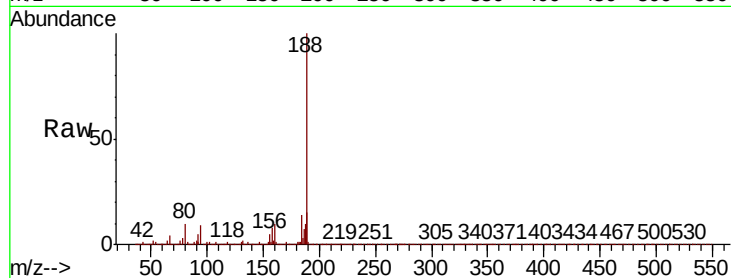
Tot Ion:188 Resp: 1208127

Ion Ratio Lower Upper

188 100

94 9.3 7.6 11.4

80 10.1 8.3 12.5



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

16.99

800000

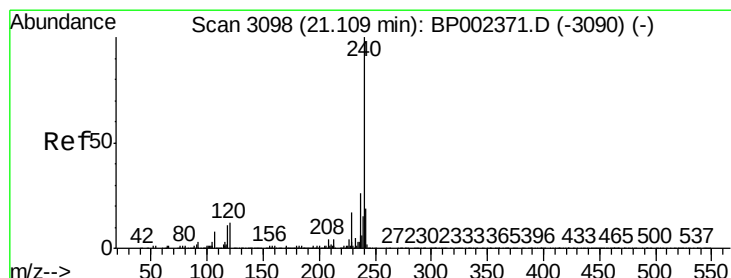
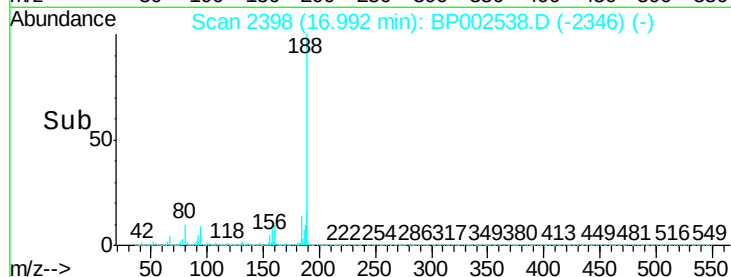
600000

400000

200000

0

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.10 min Scan# 3096

Delta R.T. 0.01 min

Lab File: BP002538.D

Acq: 25 Jun 2020 10:44

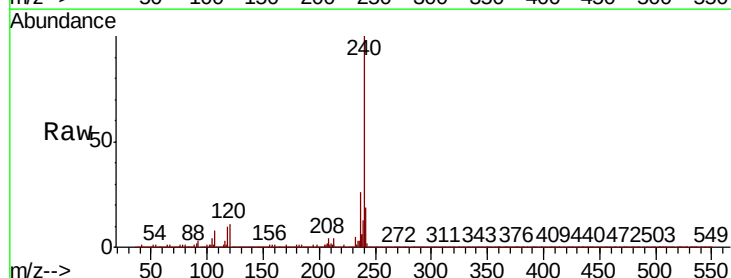
Tgt Ion:240 Resp: 1276076

Ion Ratio Lower Upper

240 100

120 10.9 8.9 13.3

236 25.6 21.7 32.5



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

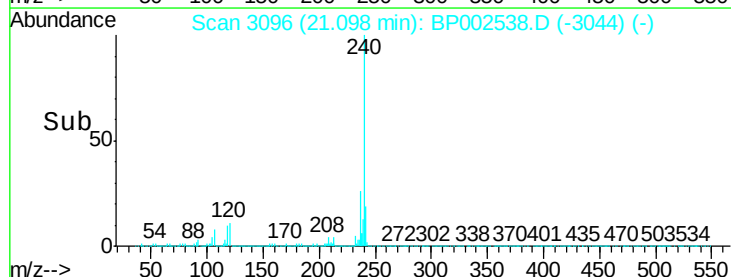
21.10

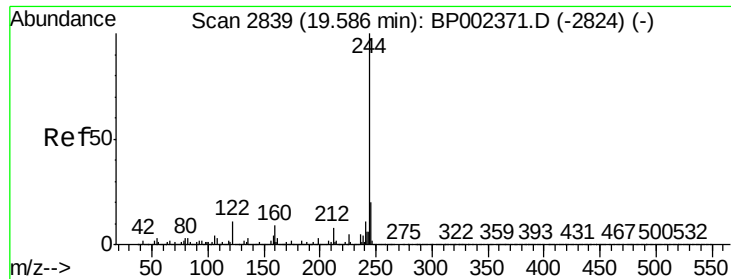
1000000

500000

0

Time-->





#79

Terphenyl-d14

Concen: 84.665 ng

RT: 19.59 min Scan# 2839

Delta R.T. 0.01 min

Lab File: BP002538.D

Acq: 25 Jun 2020 10:44

Instrument :

BNA_P

ClientSampleId :

PB129731BL

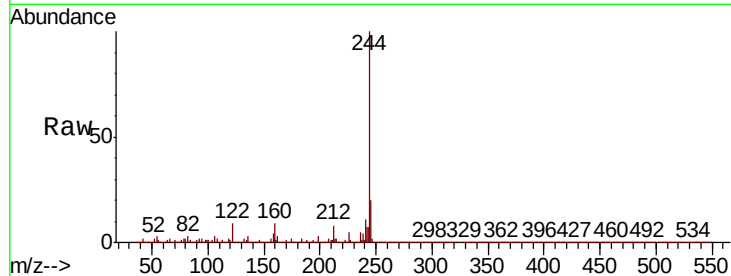
Tot Ion:244 Resp: 4208705

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

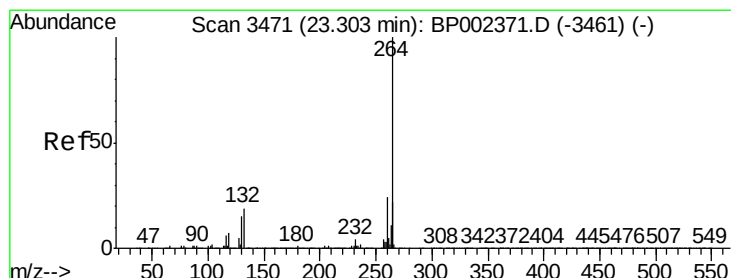
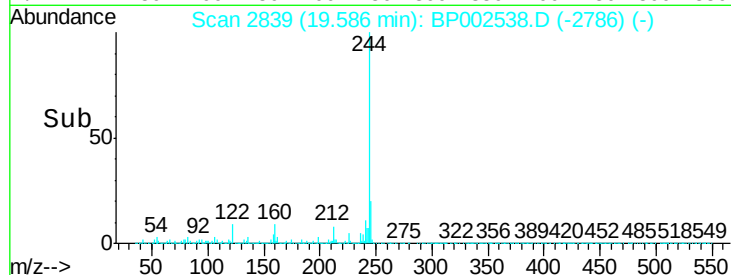
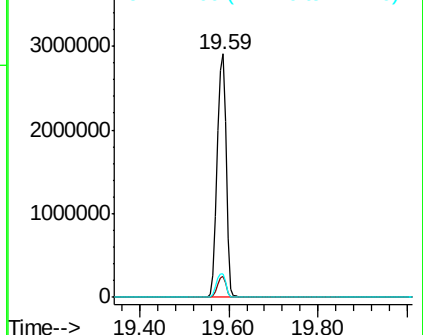
122 9.5 8.0 12.0



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: 23.30 min Scan# 3470

Delta R.T. 0.01 min

Lab File: BP002538.D

Acq: 25 Jun 2020 10:44

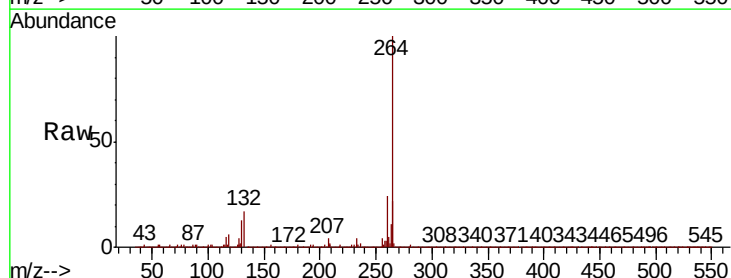
Tgt Ion:264 Resp: 1393460

Ion Ratio Lower Upper

264 100

260 23.6 19.7 29.5

265 21.5 17.6 26.4



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

