

Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP050520\
 Data File : BP002235.D
 Acq On : 05 May 2020 13:34
 Operator : CG/JU
 Sample : PB128656BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB128656BL

Quant Time: May 05 14:04:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP050420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 05 13:34:25 2020
 Response via : Initial Calibration

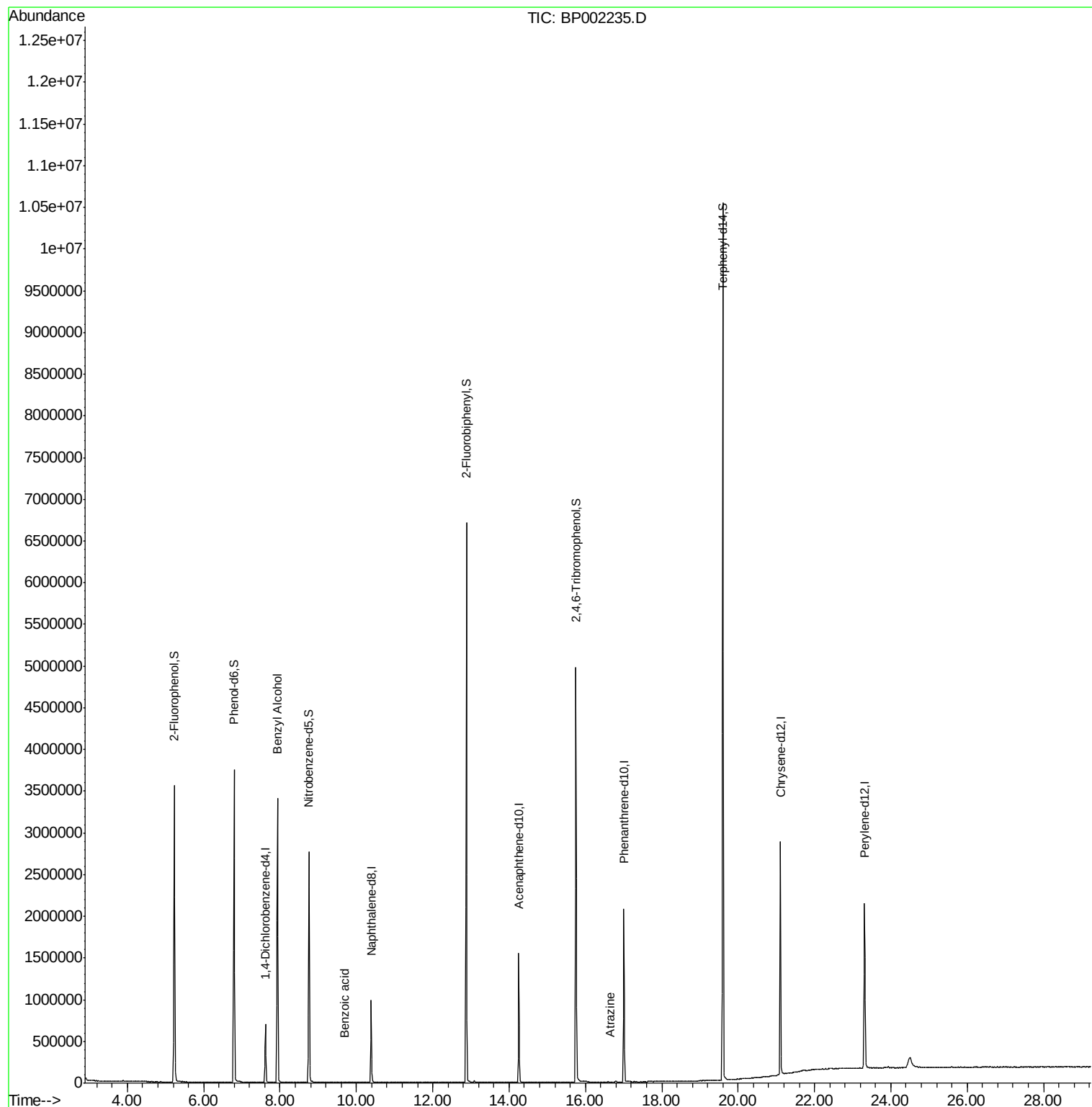
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	179791	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	782178	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	500286	20.00	ng	0.00
64) Phenanthrene-d10	17.01	188	1157384	20.00	ng	0.00
76) Chrysene-d12	21.11	240	1231536	20.00	ng	0.00
87) Perylene-d12	23.31	264	1359731	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1636296	150.14	ng	0.00
7) Phenol-d6	6.80	99	2240514	139.95	ng	0.00
23) Nitrobenzene-d5	8.76	82	1602064	105.77	ng	0.00
42) 2,4,6-Tribromophenol	15.76	330	887353	167.58	ng	0.00
45) 2-Fluorobiphenyl	12.88	172	3436898	96.21	ng	0.00
79) Terphenyl-d14	19.60	244	5129899	102.08	ng	0.00
Target Compounds						
9) Benzaldehyde	6.75	77	118	Below Cal	#	15
15) Benzyl Alcohol	7.93	79	26254	2.160 ng	#	42
32) Benzoic acid	9.69	122	73	6.352 ng	#	46
61) 4-Chlorophenyl-phenylether	15.20	204	29	Below Cal		92
69) Atrazine	16.64	200	16	2.263 ng		83
77) Benzidine	19.22	184	275	Below Cal	#	84

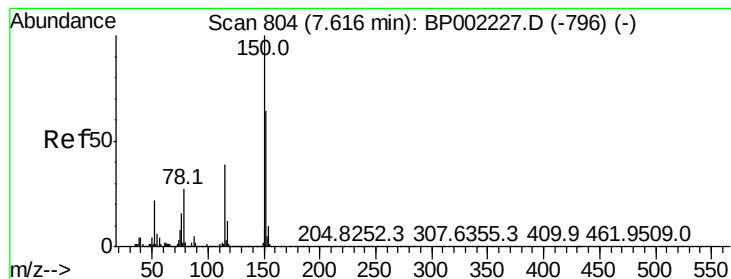
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.62 min Scan# 804

Delta R.T. -0.00 min

Lab File: BP002235.D

Acq: 05 May 2020 13:34

Instrument :

BNA_P

ClientSampleId :

PB128656BL

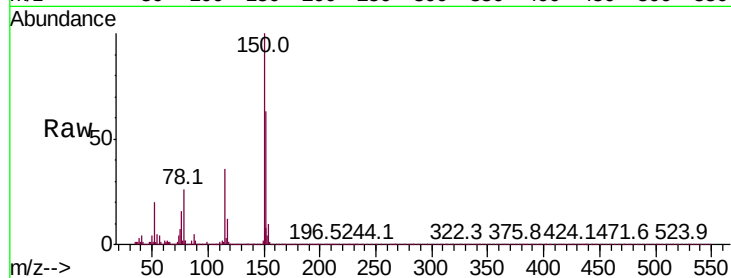
Tot Ion:152 Resp: 179791

Ion Ratio Lower Upper

152 100

150 158.9 125.3 187.9

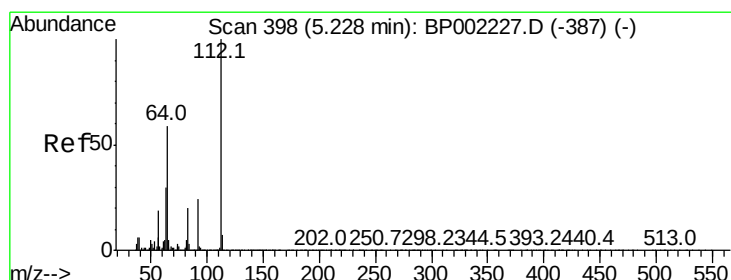
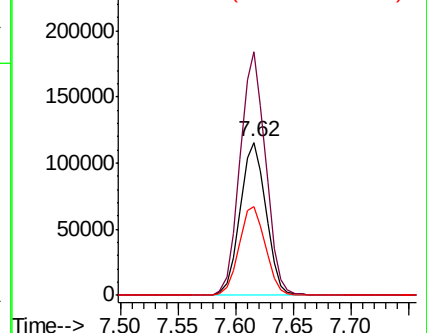
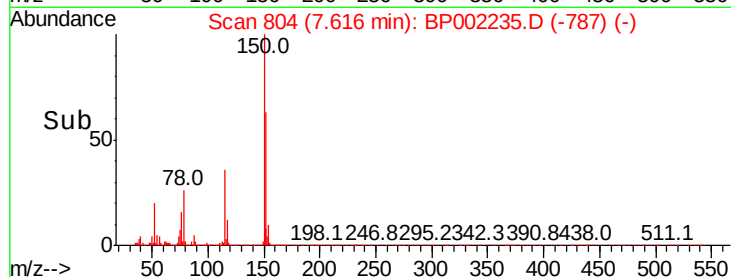
115 57.9 48.3 72.5



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: 150.140 ng

RT: 5.23 min Scan# 398

Delta R.T. -0.00 min

Lab File: BP002235.D

Acq: 05 May 2020 13:34

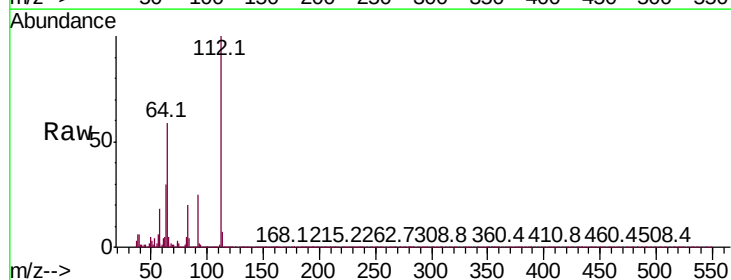
Tgt Ion:112 Resp: 1636296

Ion Ratio Lower Upper

112 100

64 58.7 46.9 70.3

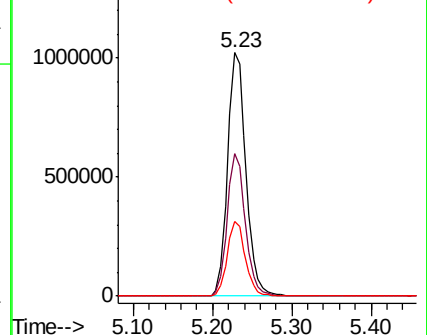
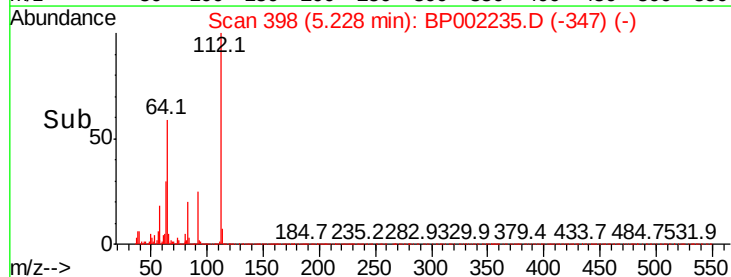
63 30.5 24.3 36.5

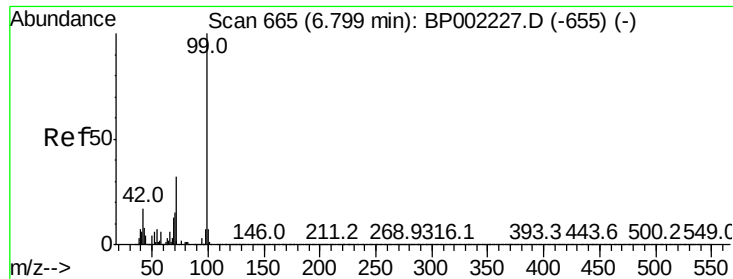


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 139.952 ng

RT: 6.80 min Scan# 665

Delta R.T. 0.01 min

Lab File: BP002235.D

Acq: 05 May 2020 13:34

Instrument :

BNA_P

ClientSampleId :

PB128656BL

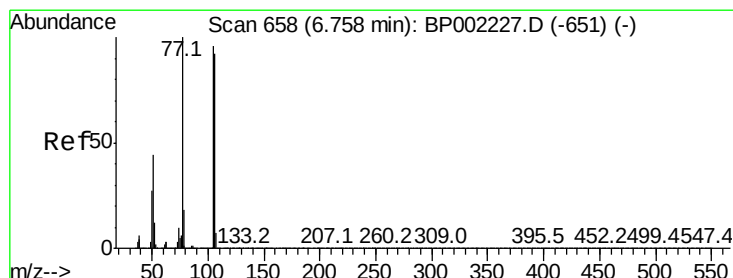
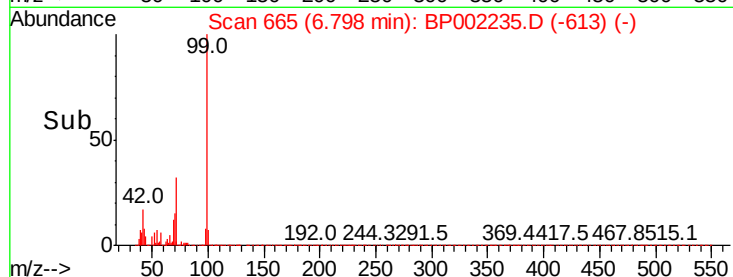
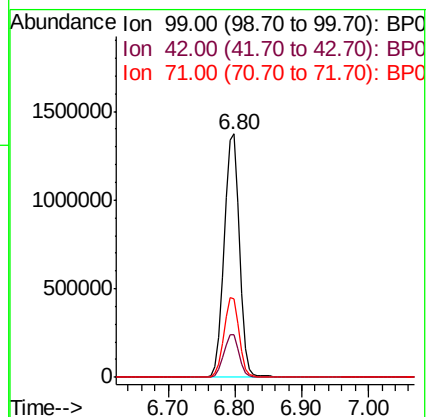
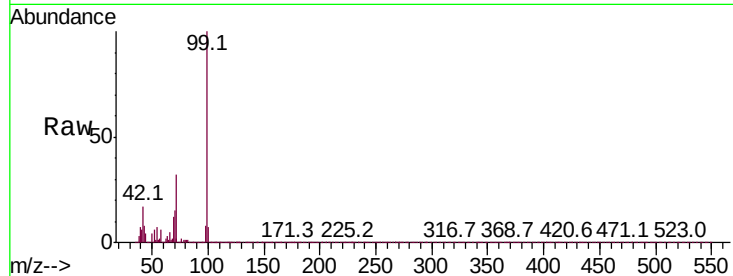
Tot Ion: 99 Resp: 2240514

Ion Ratio Lower Upper

99 100

42 17.4 14.0 21.0

71 32.1 25.9 38.9



#9

Benzaldehyde

Concen: Below Cal

RT: 6.75 min Scan# 657

Delta R.T. -0.01 min

Lab File: BP002235.D

Acq: 05 May 2020 13:34

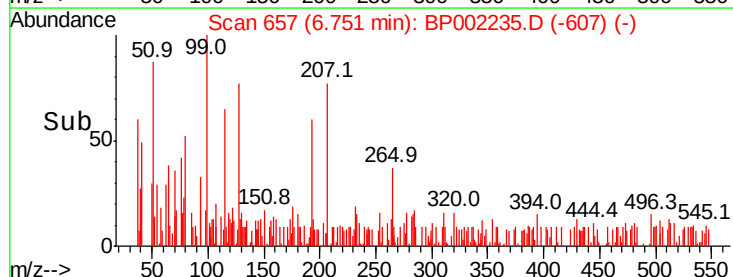
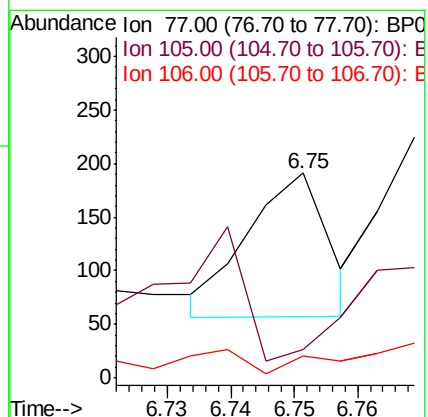
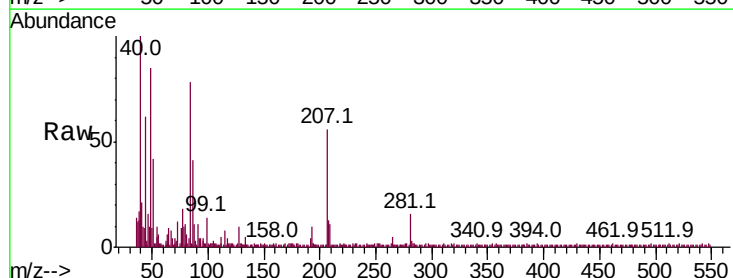
Tgt Ion: 77 Resp: 118

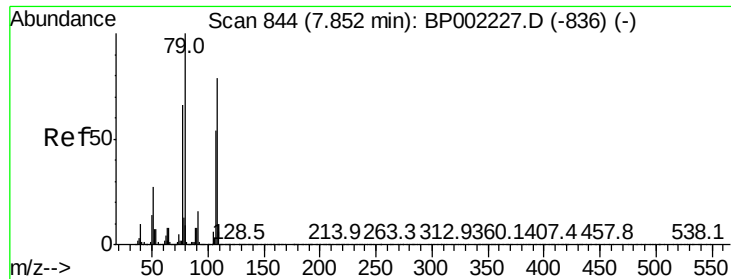
Ion Ratio Lower Upper

77 100

105 14.1 76.0 116.0#

106 10.5 71.6 111.6#

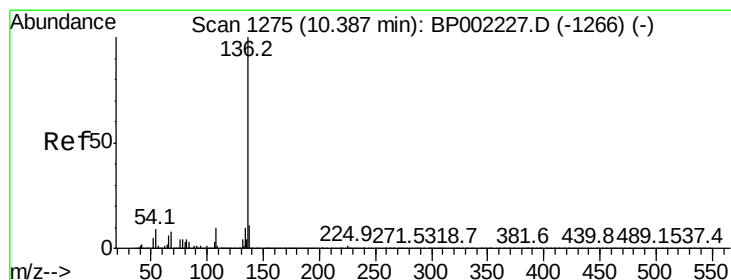
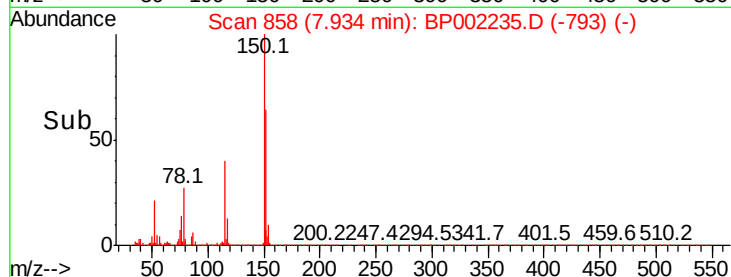
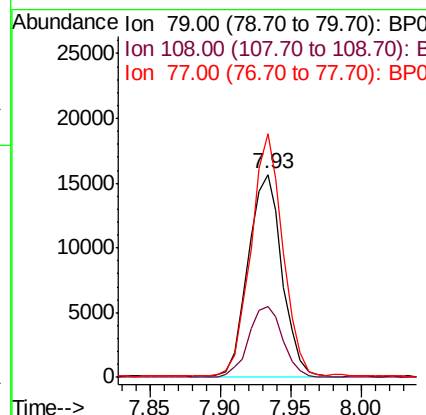
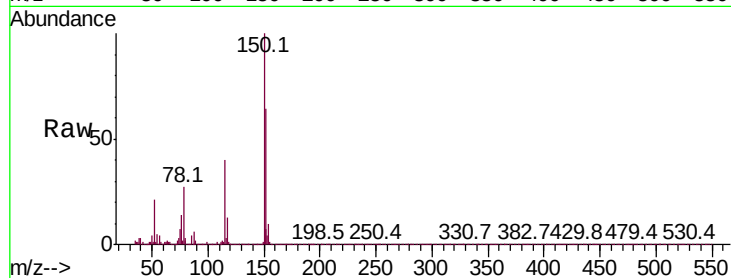




#15
Benzyl Alcohol
Concen: 2.160 ng
RT: 7.93 min Scan# 858
Delta R.T. 0.08 min
Lab File: BP002235.D
Acq: 05 May 2020 13:34

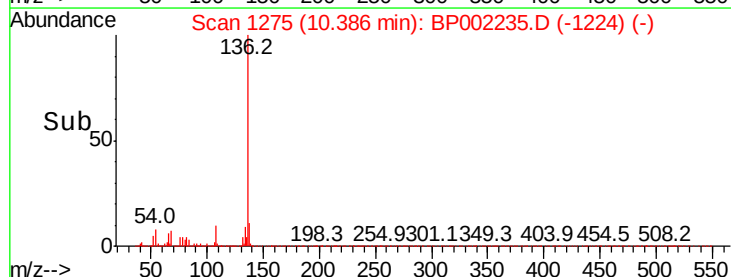
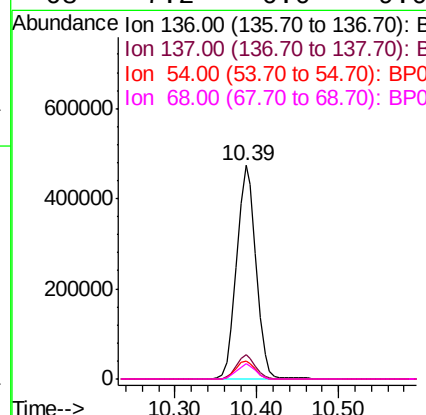
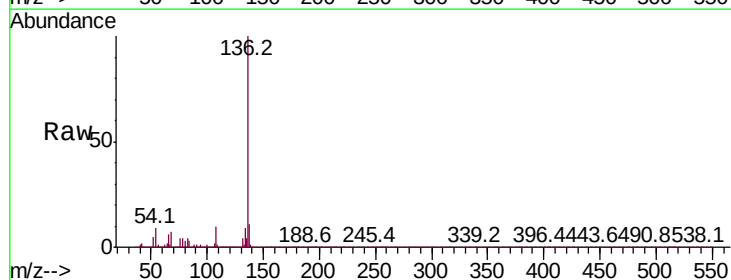
Instrument :
BNA_P
ClientSampleId :
PB128656BL

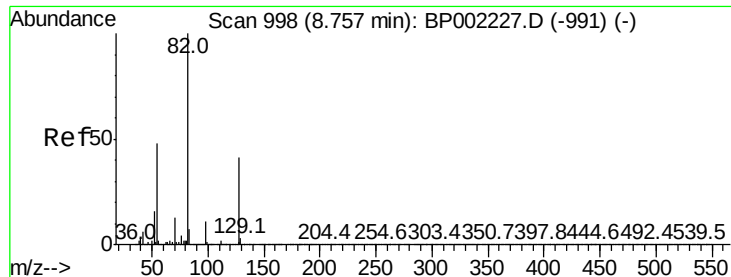
Tot Ion: 79 Resp: 26254
Ion Ratio Lower Upper
79 100
108 34.6 63.2 94.8#
77 119.8 53.1 79.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1275
Delta R.T. -0.00 min
Lab File: BP002235.D
Acq: 05 May 2020 13:34

Tgt Ion: 136 Resp: 782178
Ion Ratio Lower Upper
136 100
137 11.5 9.0 13.6
54 8.5 7.0 10.6
68 7.2 6.0 9.0

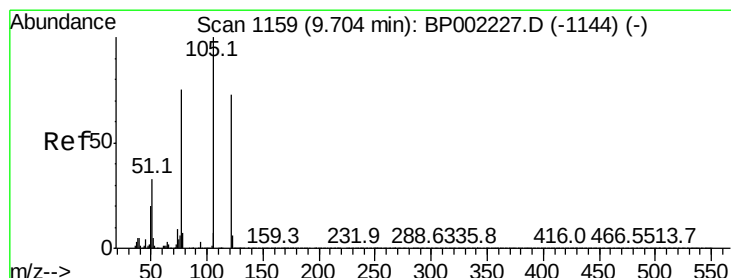
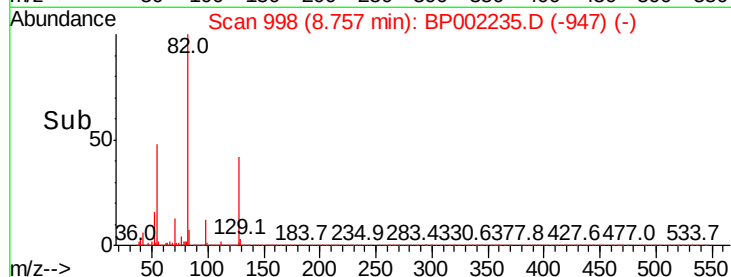
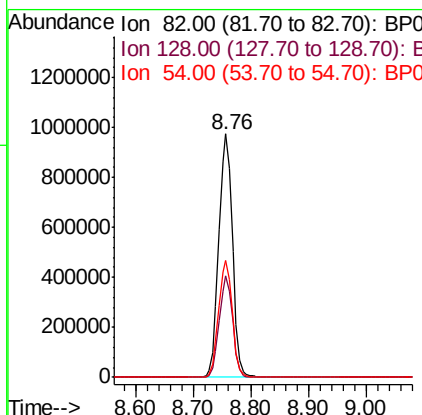
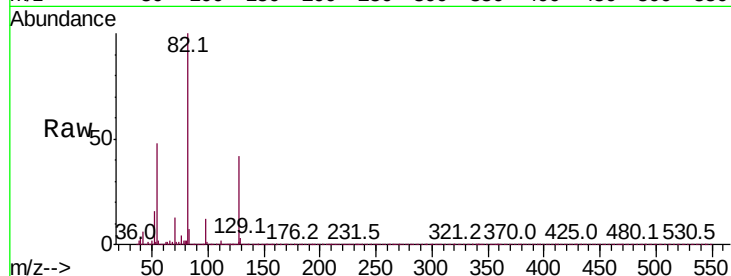




#23
 Nitrobenzene-d5
 Concen: 105.774 ng
 RT: 8.76 min Scan# 998
 Delta R.T. -0.00 min
 Lab File: BP002235.D
 Acq: 05 May 2020 13:34

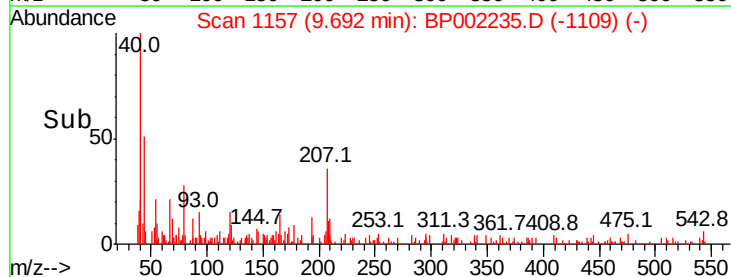
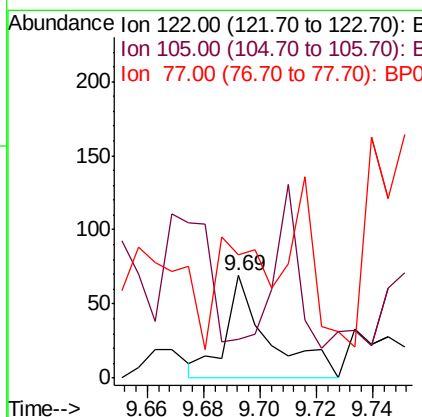
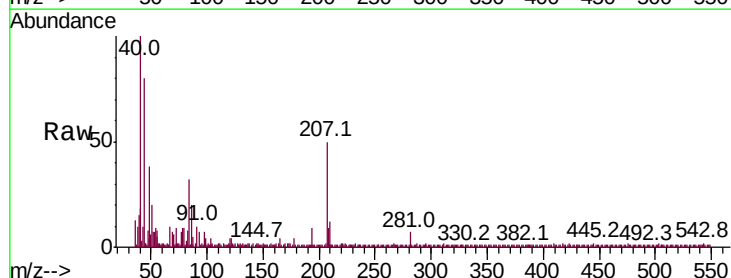
Instrument :
 BNA_P
 ClientSampleId :
 PB128656BL

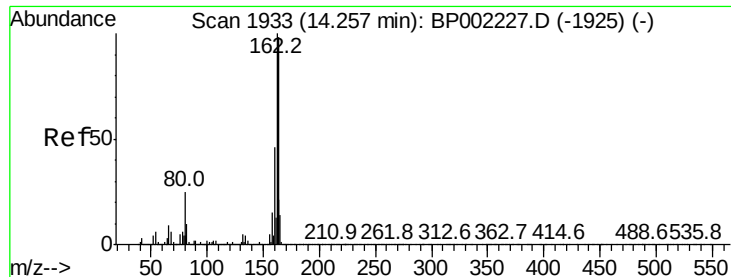
Tot Ion: 82 Resp: 1602064
 Ion Ratio Lower Upper
 82 100
 128 41.8 32.4 48.6
 54 47.8 38.2 57.2



#32
 Benzoic acid
 Concen: 6.352 ng
 RT: 9.69 min Scan# 1157
 Delta R.T. -0.02 min
 Lab File: BP002235.D
 Acq: 05 May 2020 13:34

Tgt Ion: 122 Resp: 73
 Ion Ratio Lower Upper
 122 100
 105 37.7 108.6 148.6#
 77 120.3 79.2 119.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.26 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BP002235.D

Acq: 05 May 2020 13:34

Instrument :

BNA_P

ClientSampleId :

PB128656BL

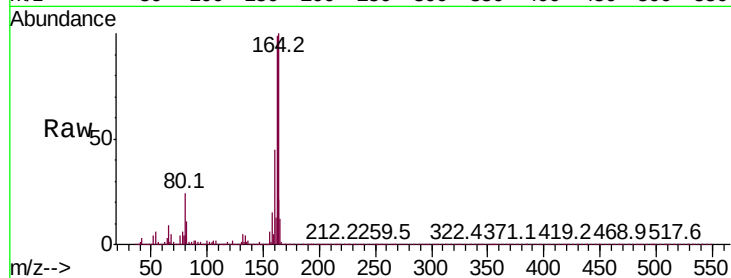
Tot Ion:164 Resp: 500286

Ion Ratio Lower Upper

164 100

162 98.9 81.5 122.3

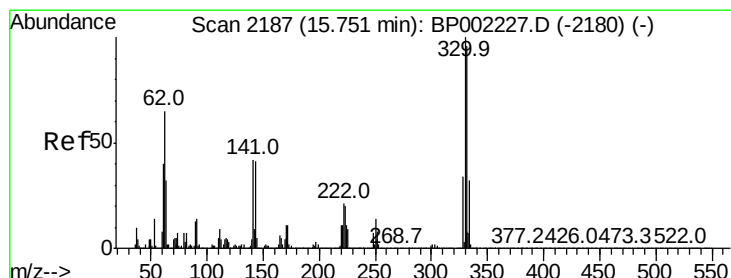
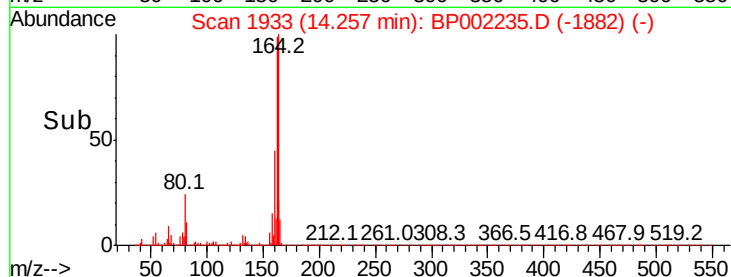
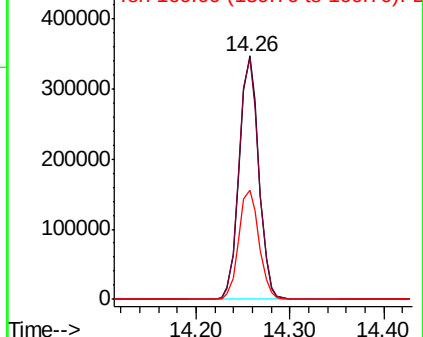
160 45.0 37.3 55.9



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: 167.576 ng

RT: 15.76 min Scan# 2188

Delta R.T. -0.00 min

Lab File: BP002235.D

Acq: 05 May 2020 13:34

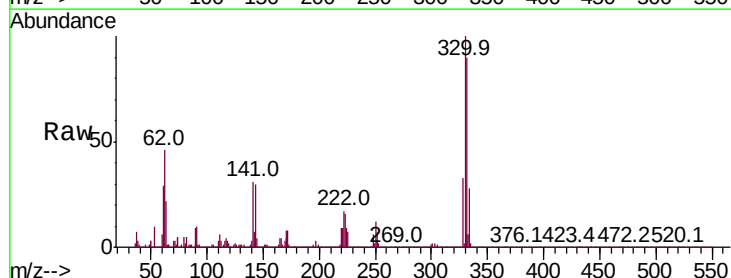
Tgt Ion:330 Resp: 887353

Ion Ratio Lower Upper

330 100

332 95.7 76.3 114.5

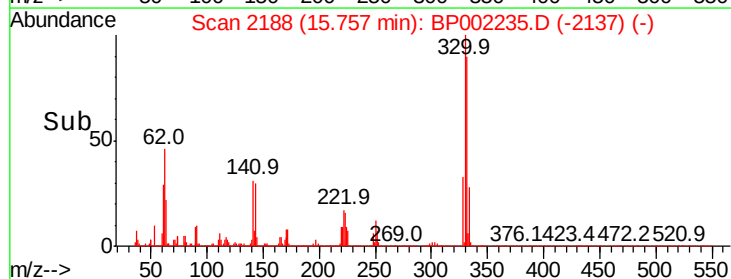
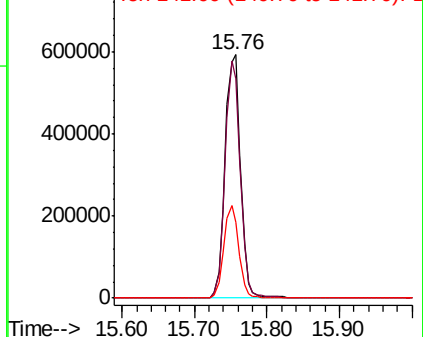
141 37.2 32.0 48.0

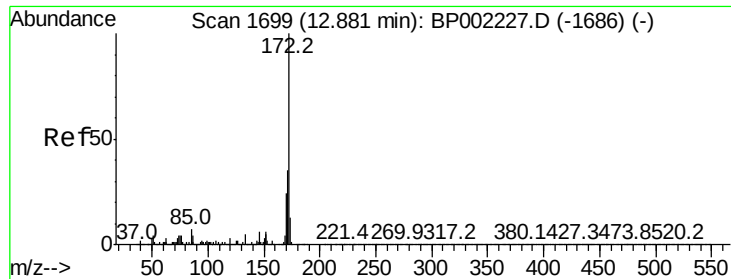


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



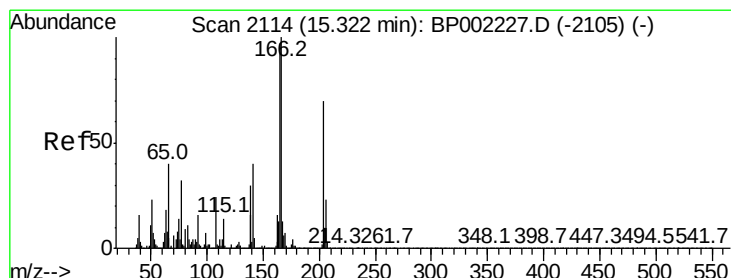
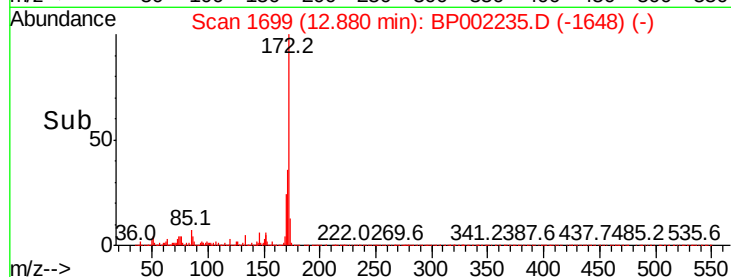
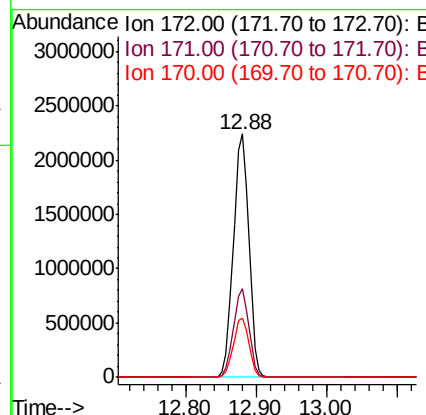
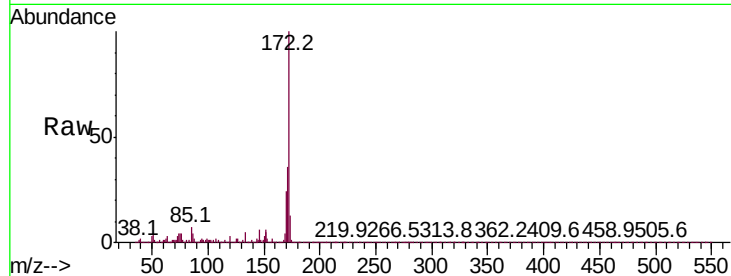


#45
 2-Fluorobiphenyl
 Concen: 96.205 ng
 RT: 12.88 min Scan# 1699
 Delta R.T. -0.00 min
 Lab File: BP002235.D
 Acq: 05 May 2020 13:34

Instrument :
 BNA_P
 ClientSampleId :
 PB128656BL

Tot Ion:172 Resp: 3436898

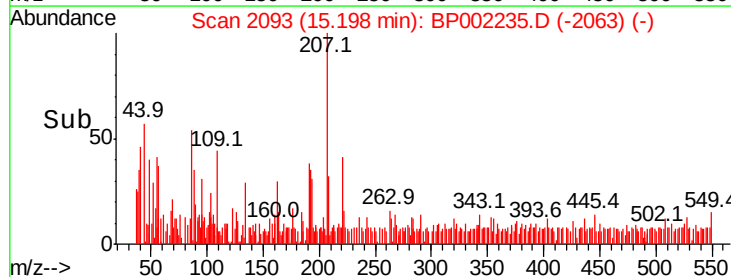
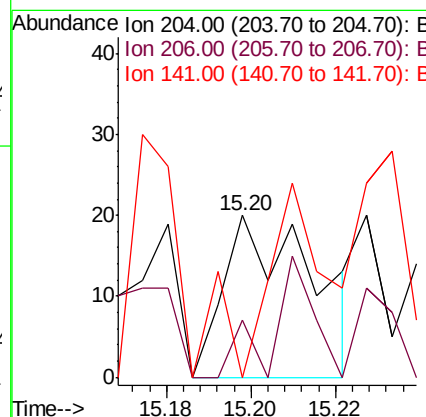
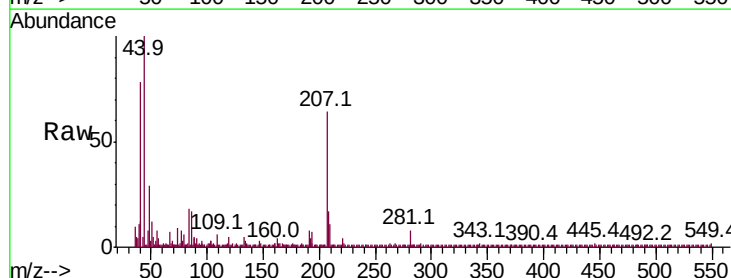
Ion	Ratio	Lower	Upper
172	100		
171	36.4	27.9	41.9
170	24.5	19.0	28.6

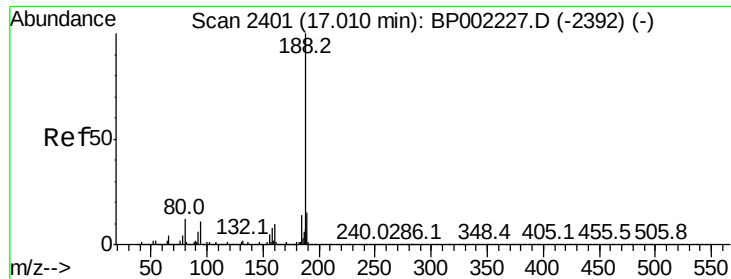


#61
 4-Chlorophenyl-phenylether
 Concen: Below Cal
 RT: 15.20 min Scan# 2093
 Delta R.T. -0.12 min
 Lab File: BP002235.D
 Acq: 05 May 2020 13:34

Tgt Ion:204 Resp: 29

Ion	Ratio	Lower	Upper
204	100		
206	35.0	26.2	39.4
141	50.0	46.2	69.2

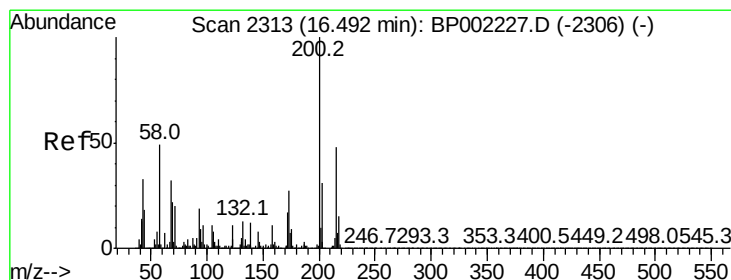
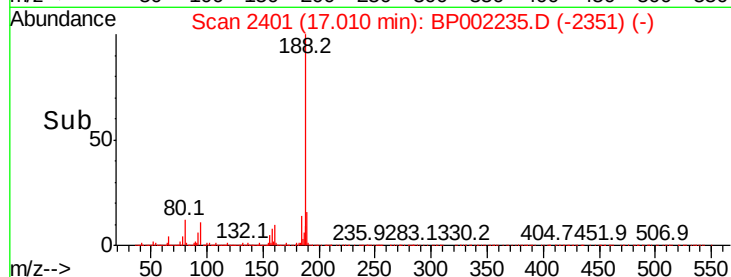
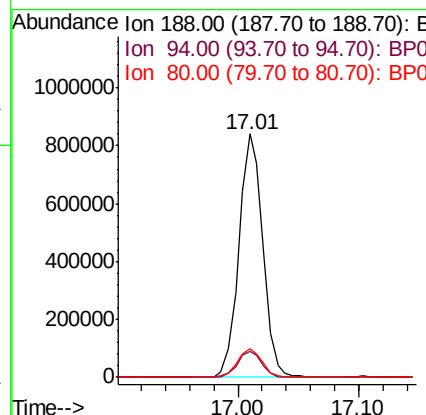
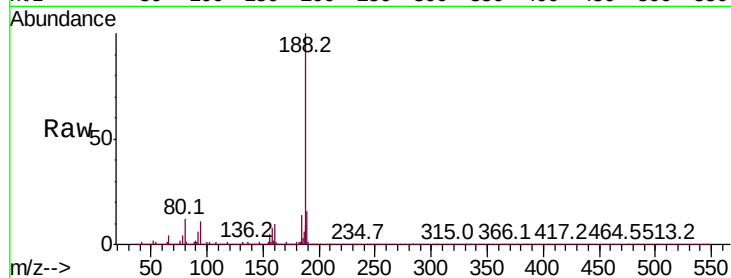




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.01 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BP002235.D
Acq: 05 May 2020 13:34

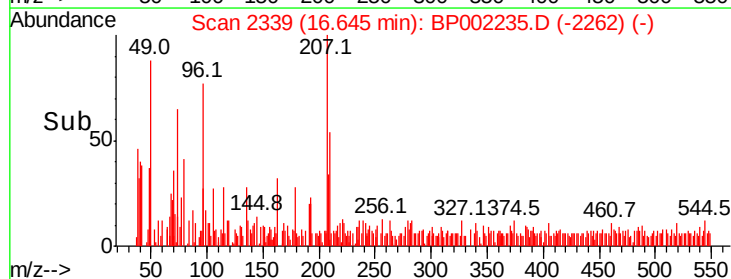
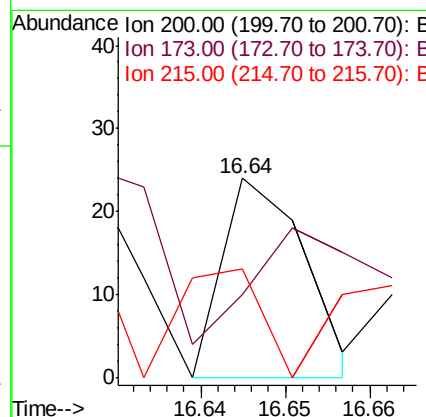
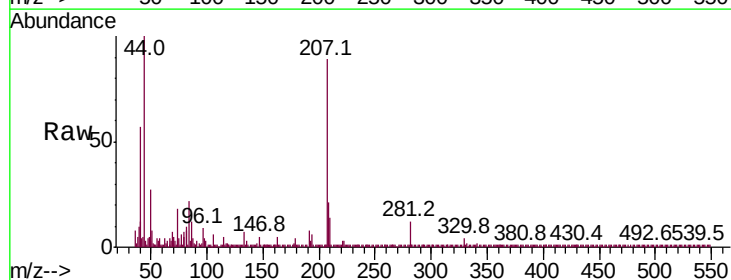
Instrument :
BNA_P
ClientSampleId :
PB128656BL

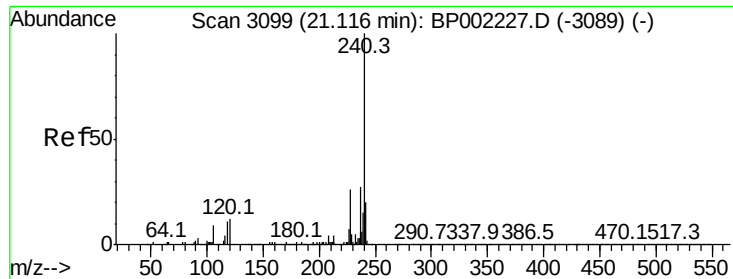
Tot Ion:188 Resp: 1157384
Ion Ratio Lower Upper
188 100
94 10.9 9.0 13.4
80 11.8 9.8 14.6



#69
Atrazine
Concen: 2.263 ng
RT: 16.64 min Scan# 2339
Delta R.T. 0.15 min
Lab File: BP002235.D
Acq: 05 May 2020 13:34

Tgt Ion:200 Resp: 16
Ion Ratio Lower Upper
200 100
173 41.7 6.6 46.6
215 54.2 27.7 67.7



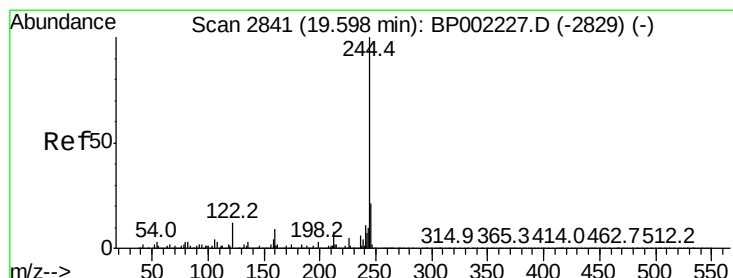
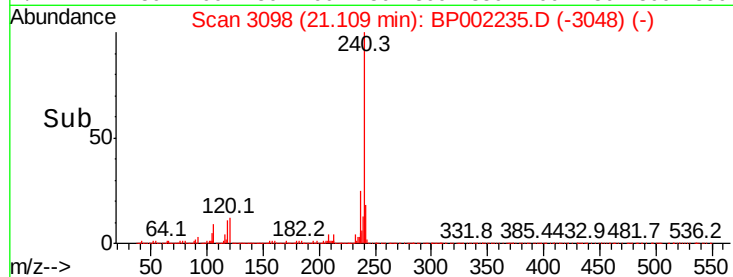
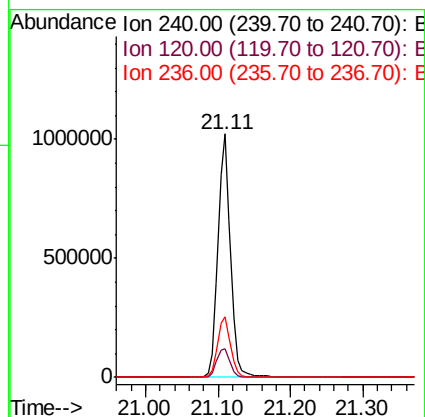
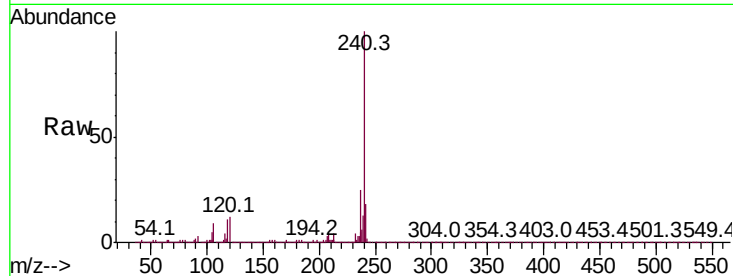


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.11 min Scan# 3098
 Delta R.T. -0.01 min
 Lab File: BP002235.D
 Acq: 05 May 2020 13:34

Instrument :
 BNA_P
 ClientSampleId :
 PB128656BL

Tot Ion:240 Resp: 1231536

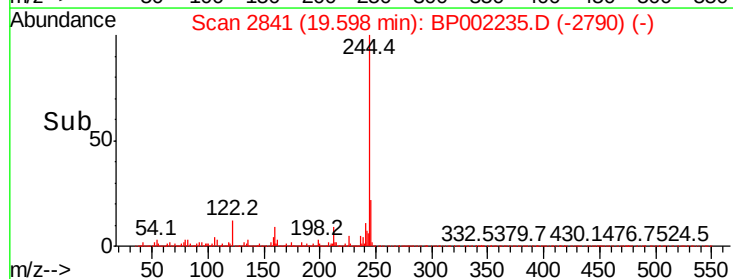
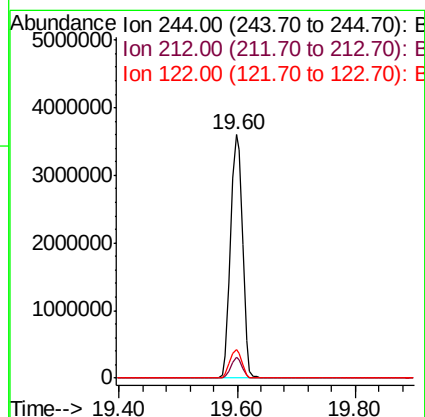
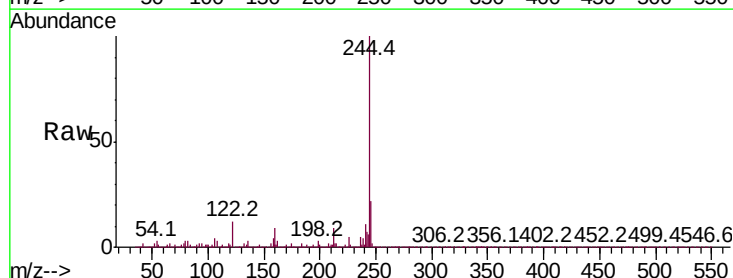
Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.4	14.0
236	25.1	21.8	32.6

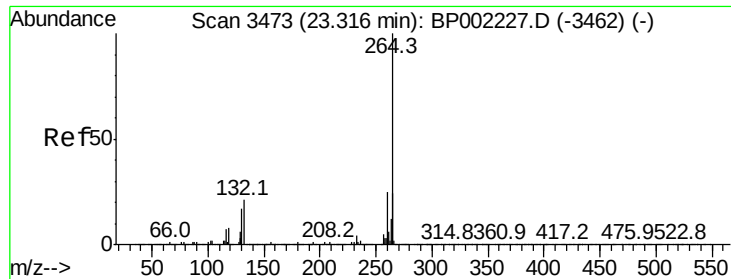


#79
 Terphenyl-d14
 Concen: 102.079 ng
 RT: 19.60 min Scan# 2841
 Delta R.T. -0.00 min
 Lab File: BP002235.D
 Acq: 05 May 2020 13:34

Tgt Ion:244 Resp: 5129899

Ion	Ratio	Lower	Upper
244	100		
212	8.8	6.6	9.8
122	11.7	9.5	14.3



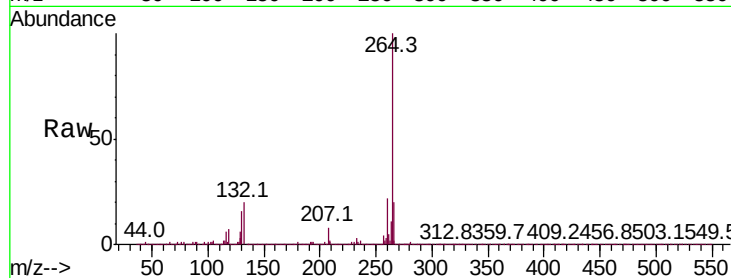


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.31 min Scan# 3472
Delta R.T. -0.01 min
Lab File: BP002235.D
Acq: 05 May 2020 13:34

Instrument :
BNA_P
ClientSampleId :
PB128656BL

Tot Ion:264 Resp: 1359731

Ion	Ratio	Lower	Upper
264	100		
260	22.5	20.4	30.6
265	20.3	19.0	28.4



Abundance Ion 264.00 (263.70 to 264.70): E
1000000 Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

