

Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP050520\
 Data File : BP002241.D
 Acq On : 05 May 2020 17:36
 Operator : CG/JU
 Sample : L2483-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 6FT-TP-3

Quant Time: May 05 18:08:29 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

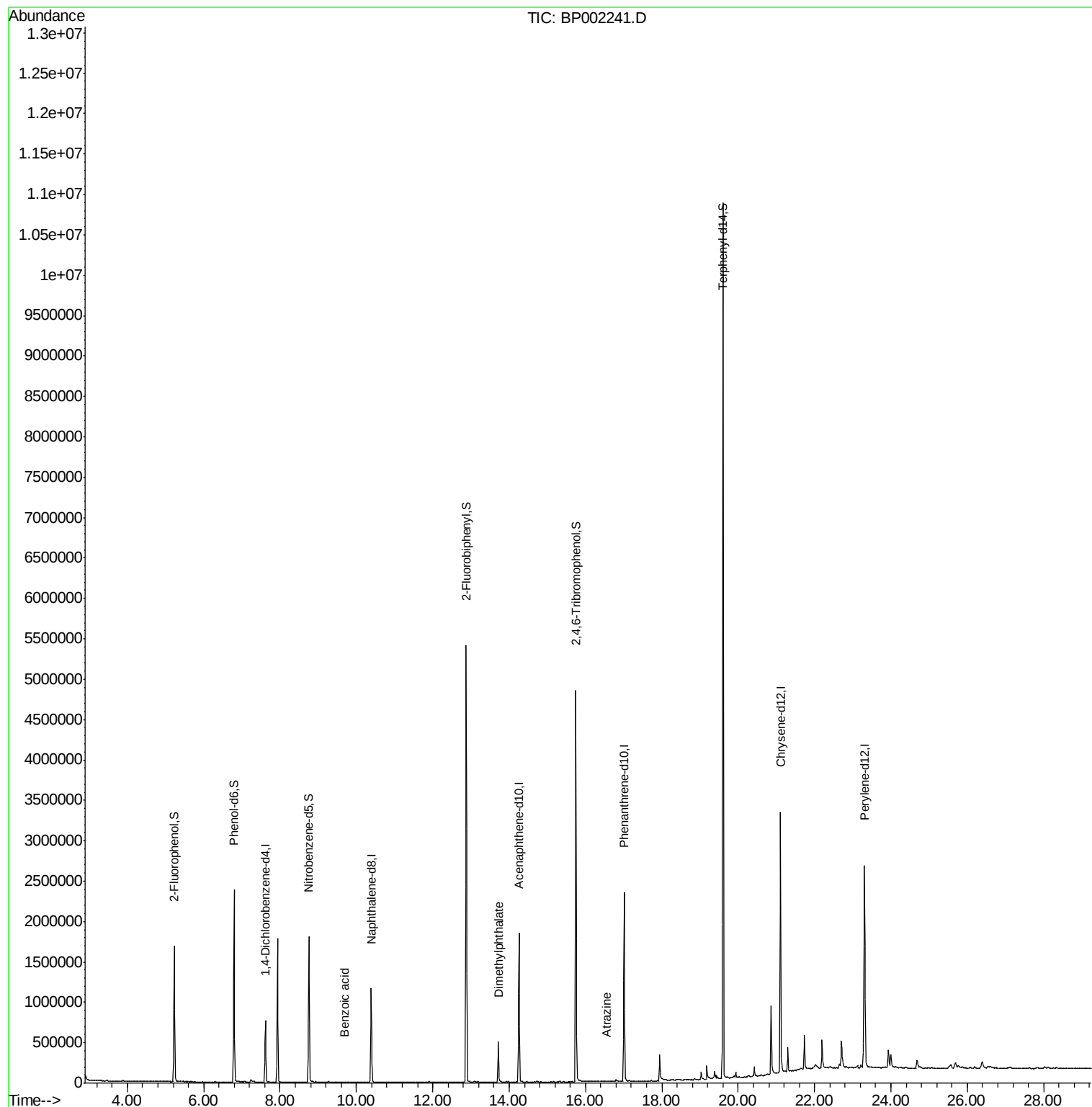
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	205229	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	914574	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	597295	20.00	ng	0.00
64) Phenanthrene-d10	17.01	188	1337431	20.00	ng	0.00
76) Chrysene-d12	21.10	240	1491655	20.00	ng	-0.01
87) Perylene-d12	23.31	264	1735601	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	762144	61.26	ng	0.00
7) Phenol-d6	6.79	99	1359595	74.40	ng	0.00
23) Nitrobenzene-d5	8.76	82	1062598	60.00	ng	0.00
42) 2,4,6-Tribromophenol	15.75	330	836955	132.39	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	2788458	65.38	ng	0.00
79) Terphenyl-d14	19.60	244	5445121	89.46	ng	0.00
Target Compounds						
9) Benzaldehyde	6.79	77	2622	Below Cal	#	9
32) Benzoic acid	9.70	122	70	6.351 ng	#	21
50) Dimethylphthalate	13.72	163	319091	6.778 ng		100
61) 4-Chlorophenyl-phenylether	15.35	204	11	Below Cal	#	1
69) Atrazine	16.56	200	35	2.264 ng		80
77) Benzydine	19.17	184	53	Below Cal	#	1

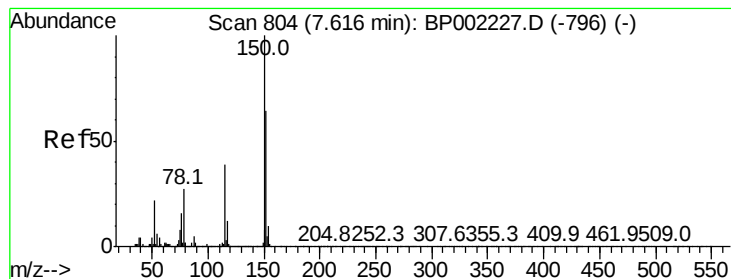
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.62 min Scan# 804

Delta R.T. 0.00 min

Lab File: BP002241.D

Acq: 05 May 2020 17:36

Instrument :

BNA_P

ClientSampleId :

6FT-TP-3

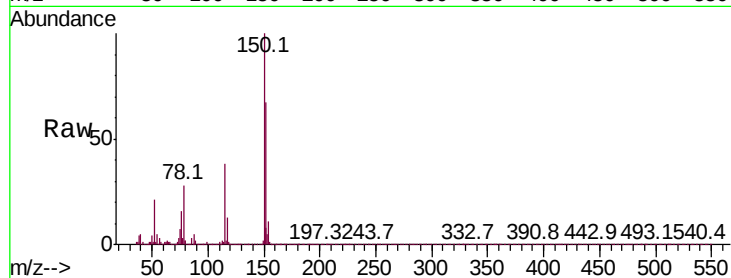
Tot Ion:152 Resp: 205229

Ion Ratio Lower Upper

152 100

150 149.7 125.3 187.9

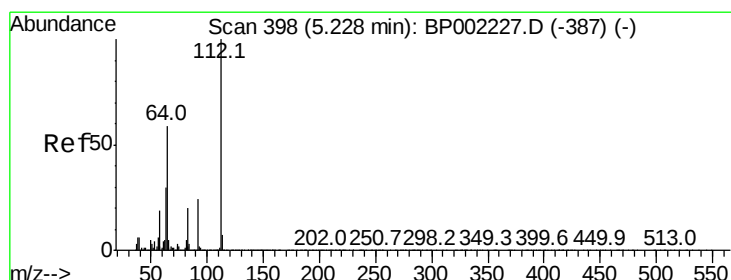
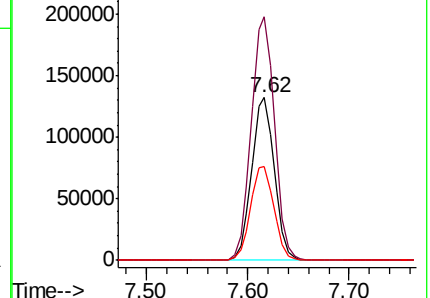
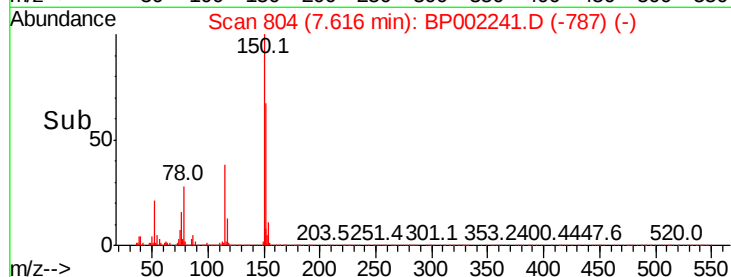
115 57.4 48.3 72.5



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: 61.263 ng

RT: 5.23 min Scan# 398

Delta R.T. 0.00 min

Lab File: BP002241.D

Acq: 05 May 2020 17:36

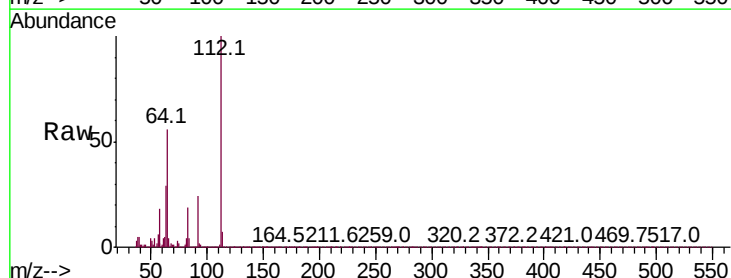
Tgt Ion:112 Resp: 762144

Ion Ratio Lower Upper

112 100

64 56.2 46.9 70.3

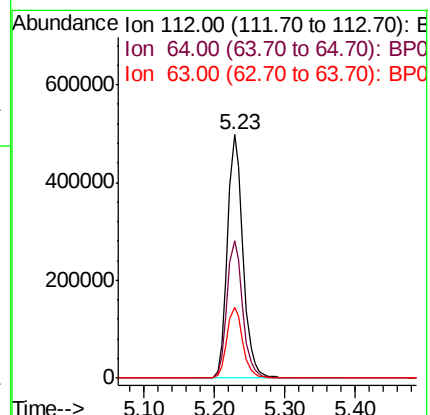
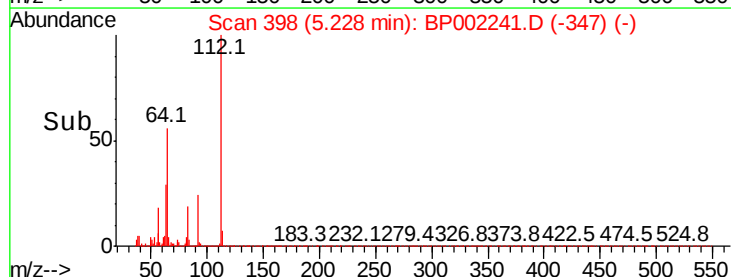
63 29.2 24.3 36.5

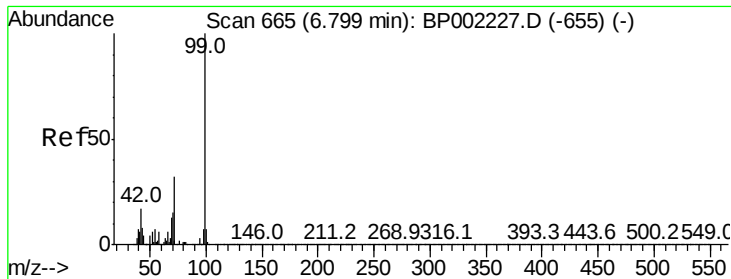


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 74.400 ng

RT: 6.79 min Scan# 664

Delta R.T. 0.00 min

Lab File: BP002241.D

Acq: 05 May 2020 17:36

Instrument :

BNA_P

ClientSampleId :

6FT-TP-3

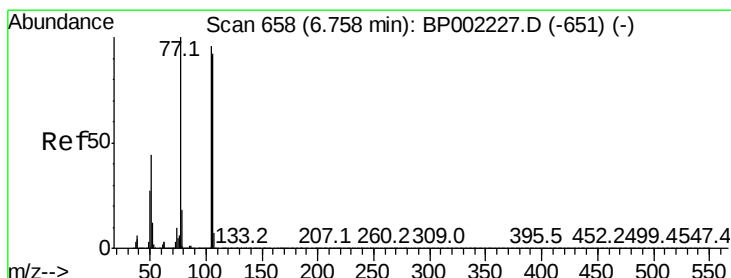
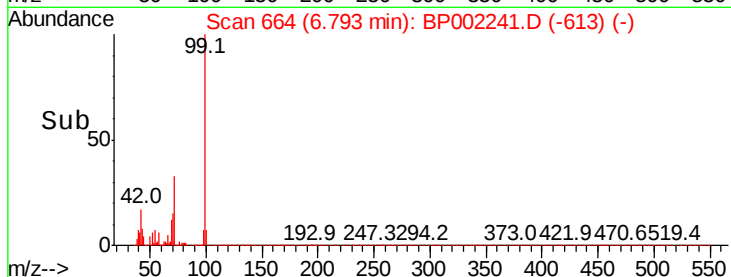
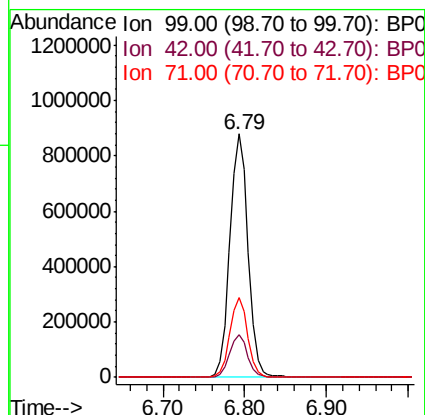
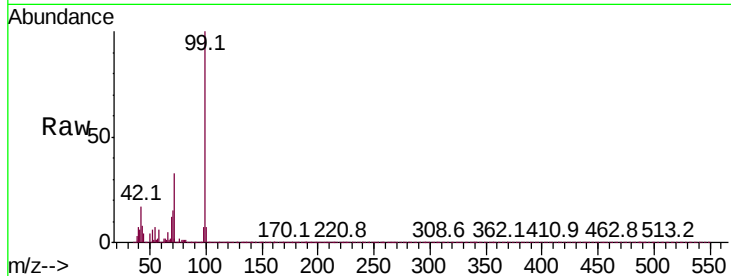
Tot Ion: 99 Resp: 1359595

Ion Ratio Lower Upper

99 100

42 17.3 14.0 21.0

71 32.5 25.9 38.9



#9

Benzaldehyde

Concen: Below Cal

RT: 6.79 min Scan# 664

Delta R.T. 0.04 min

Lab File: BP002241.D

Acq: 05 May 2020 17:36

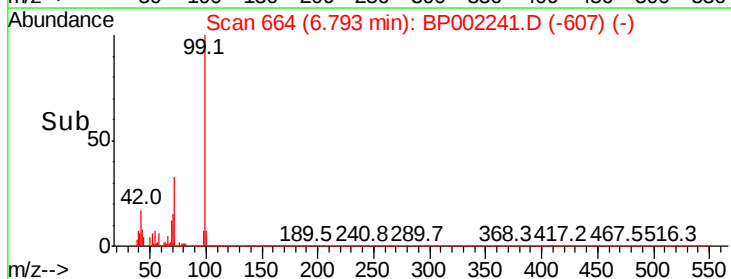
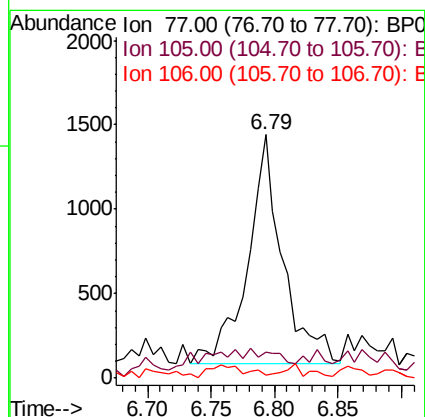
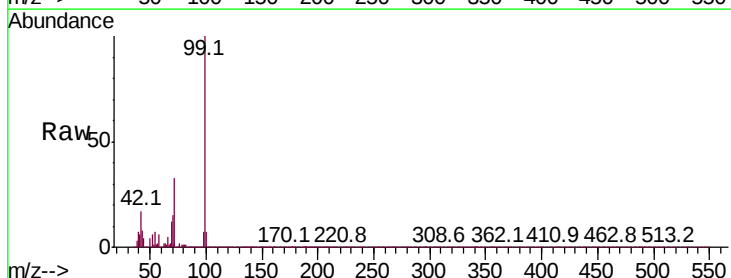
Tgt Ion: 77 Resp: 2622

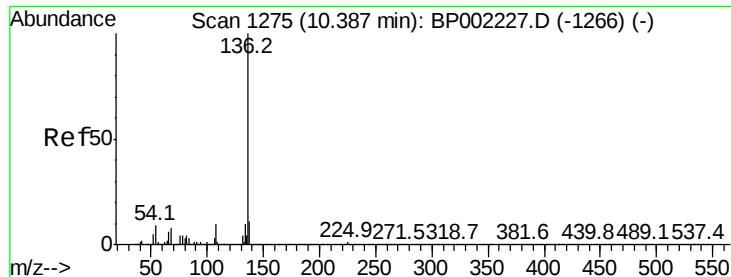
Ion Ratio Lower Upper

77 100

105 10.9 76.0 116.0#

106 1.5 71.6 111.6#

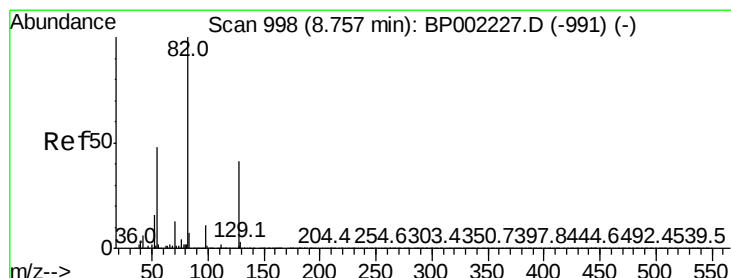
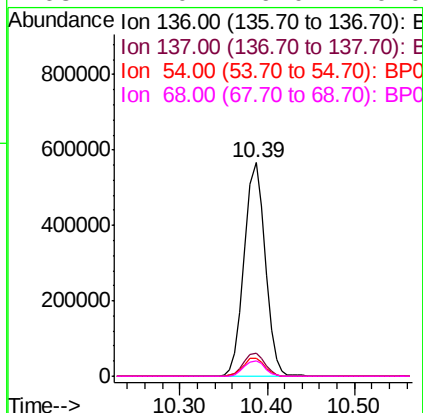
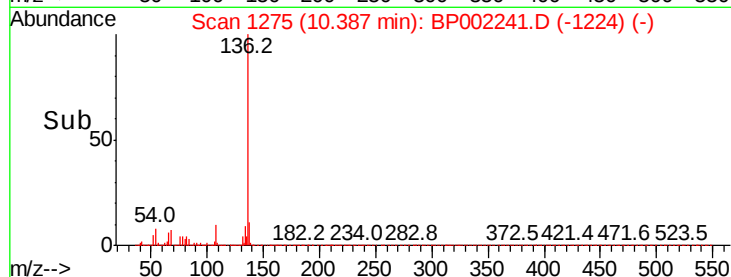
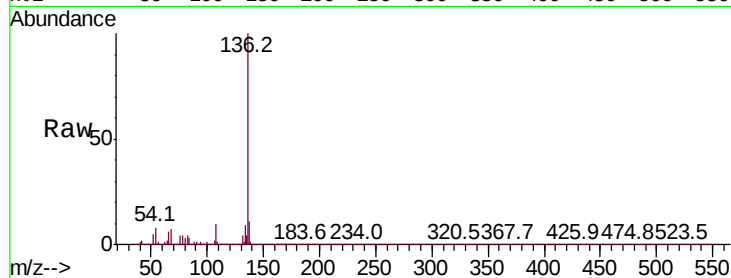




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1275
Delta R.T. 0.00 min
Lab File: BP002241.D
Acq: 05 May 2020 17:36

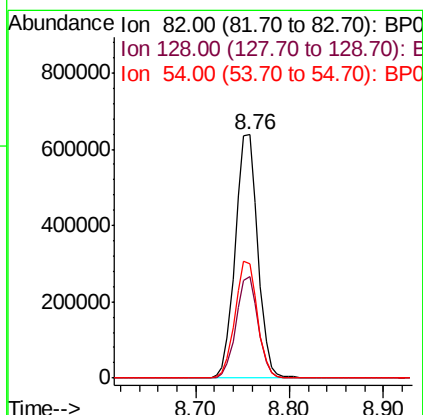
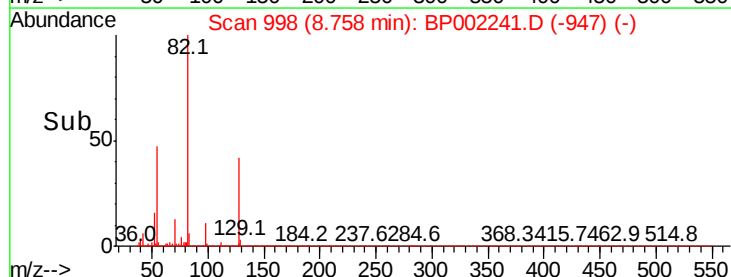
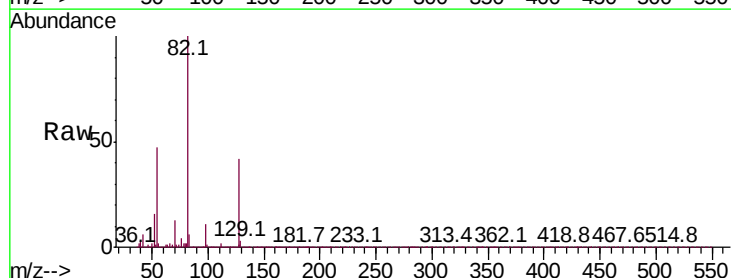
Instrument :
BNA_P
ClientSampleId :
6FT-TP-3

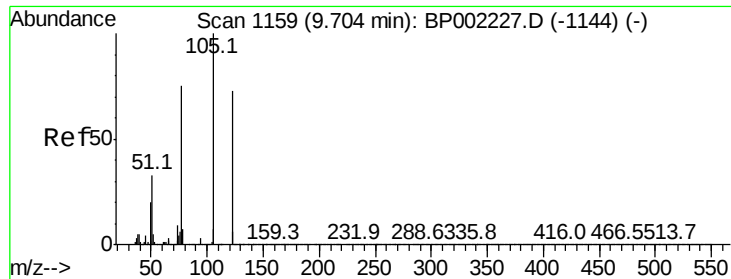
Tot Ion:	136	Resp:	914574
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	8.3	7.0	10.6
68	7.0	6.0	9.0



#23
Nitrobenzene-d5
Concen: 60.001 ng
RT: 8.76 min Scan# 998
Delta R.T. 0.00 min
Lab File: BP002241.D
Acq: 05 May 2020 17:36

Tgt Ion:	82	Resp:	1062598
Ion	Ratio	Lower	Upper
82	100		
128	41.9	32.4	48.6
54	46.8	38.2	57.2

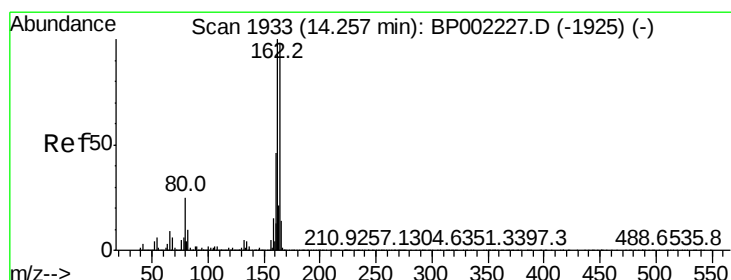
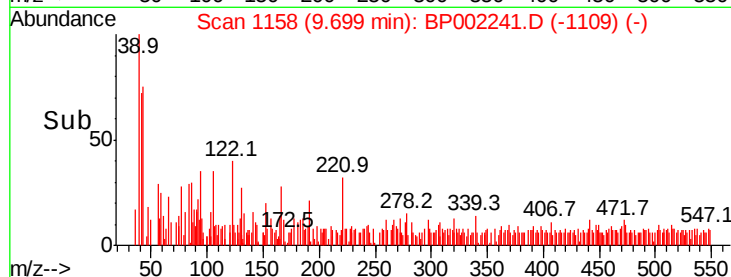
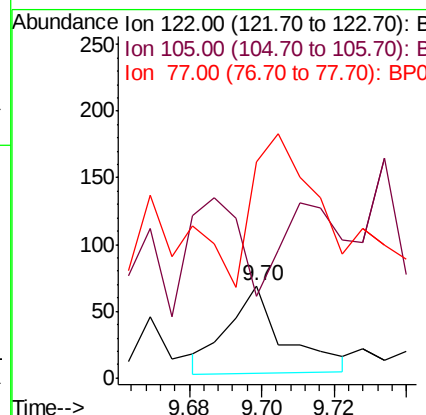
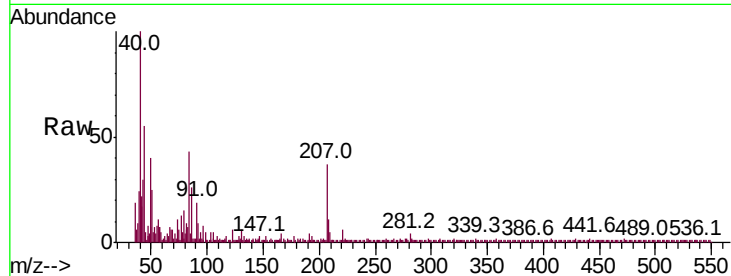




#32
Benzoic acid
Concen: 6.351 ng
RT: 9.70 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BP002241.D
Acq: 05 May 2020 17:36

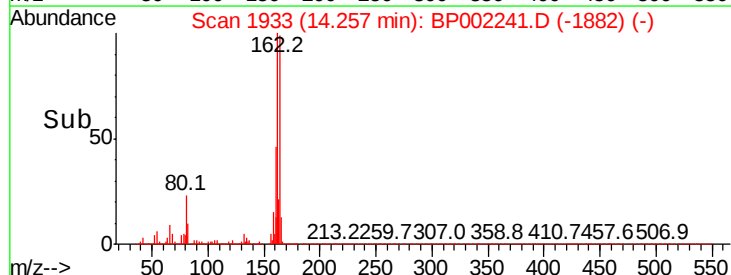
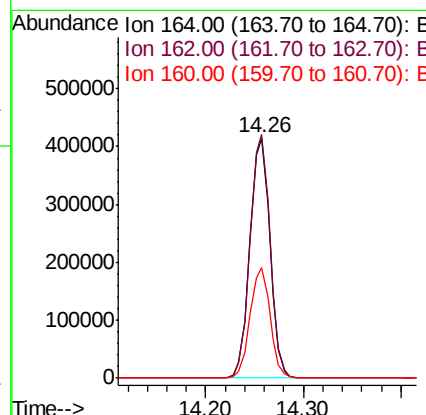
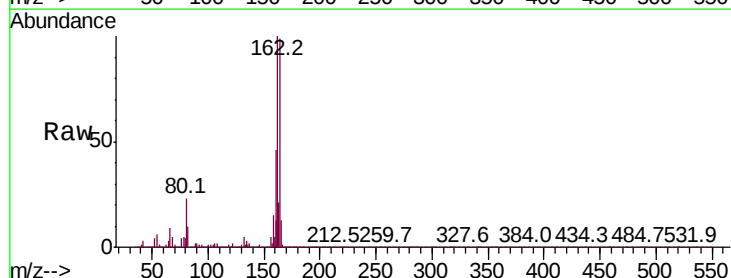
Instrument :
BNA_P
ClientSampleId :
6FT-TP-3

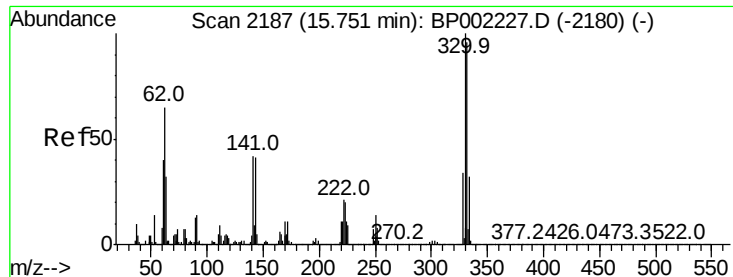
Tot Ion	Ratio	Lower	Upper
122	100		
105	88.4	108.6	148.6#
77	234.8	79.2	119.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.26 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BP002241.D
Acq: 05 May 2020 17:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.5	122.3
160	46.2	37.3	55.9

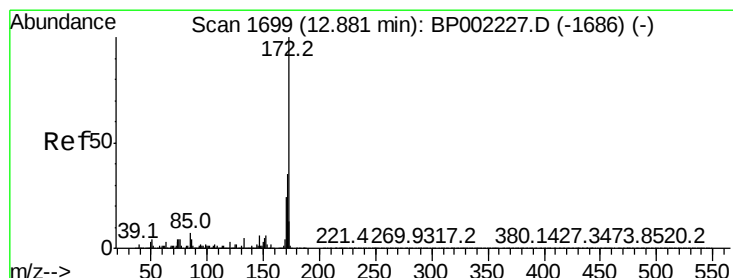
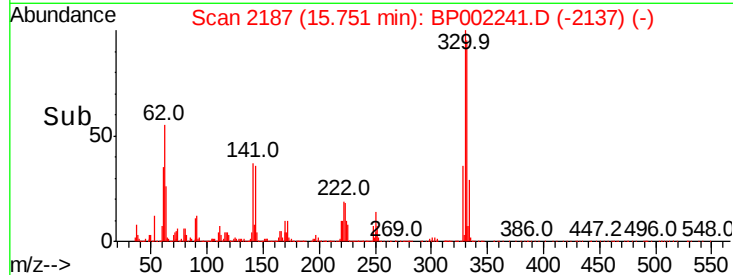
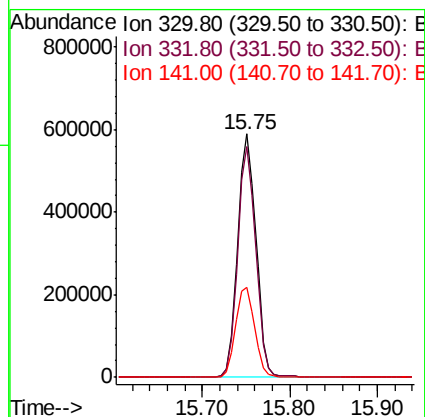
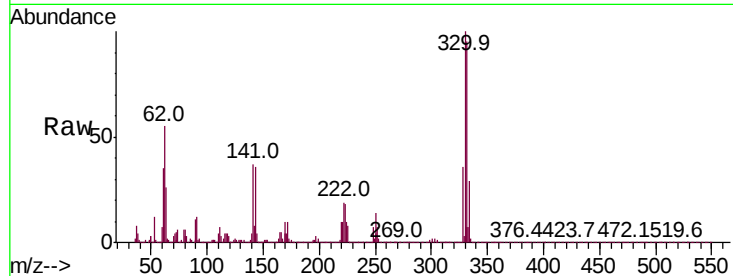




#42
2,4,6-Tribromophenol
Concen: 132.388 ng
RT: 15.75 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BP002241.D
Acq: 05 May 2020 17:36

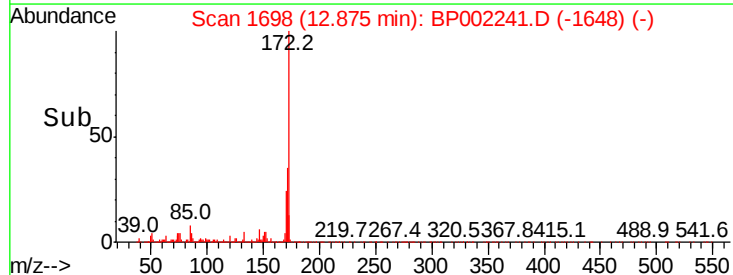
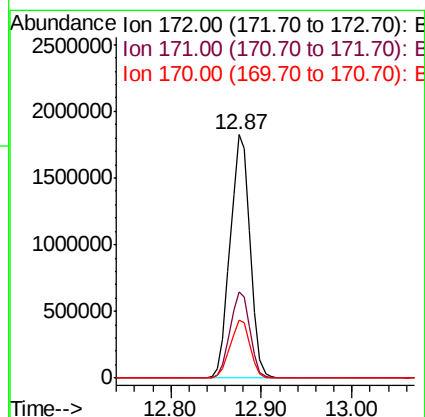
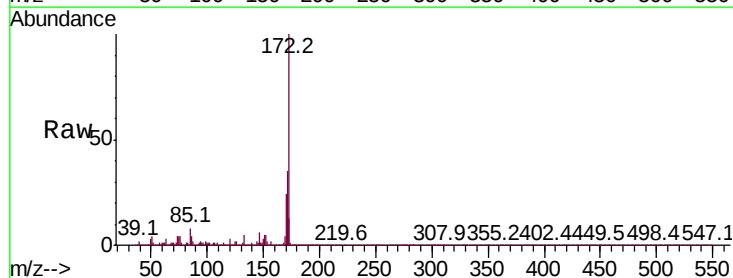
Instrument :
BNA_P
ClientSampleId :
6FT-TP-3

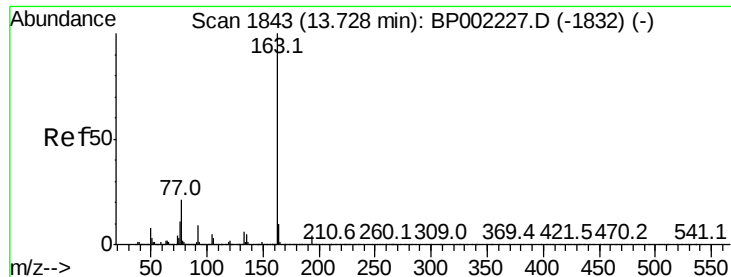
Tot Ion	Ratio	Lower	Upper
330	100		
332	93.7	76.3	114.5
141	38.7	32.0	48.0



#45
2-Fluorobiphenyl
Concen: 65.377 ng
RT: 12.87 min Scan# 1698
Delta R.T. -0.01 min
Lab File: BP002241.D
Acq: 05 May 2020 17:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.9	41.9
170	23.9	19.0	28.6





#50

Dimethylphthalate

Concen: 6.778 ng

RT: 13.72 min Scan# 1842

Delta R.T. -0.01 min

Lab File: BP002241.D

Acq: 05 May 2020 17:36

Instrument :

BNA_P

ClientSampleId :

6FT-TP-3

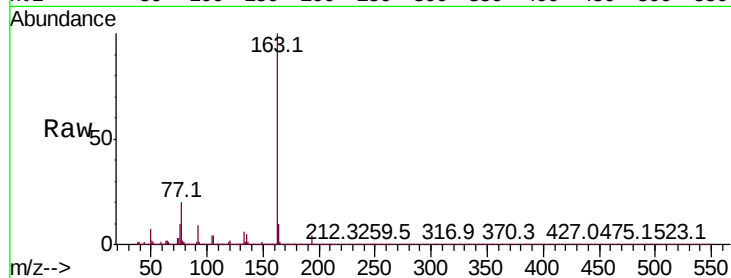
Tot Ion:163 Resp: 319091

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

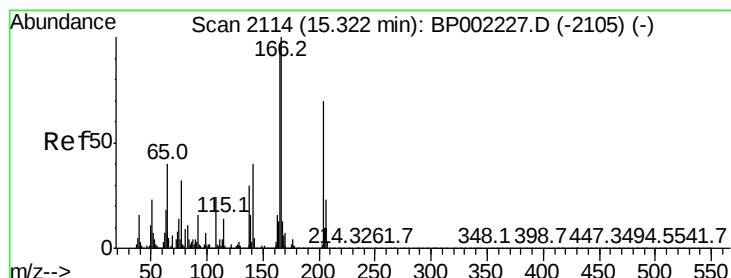
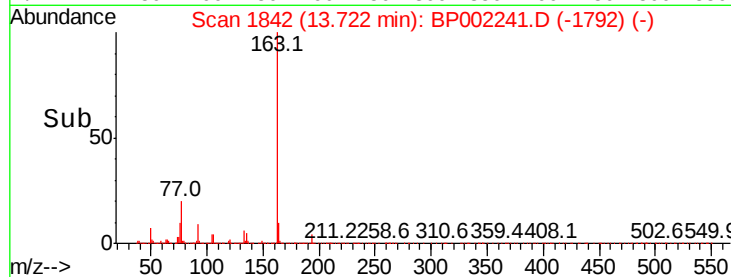
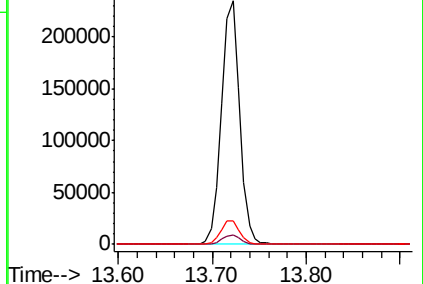
164 9.7 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#61

4-Chlorophenyl-phenylether

Concen: Below Cal

RT: 15.35 min Scan# 2118

Delta R.T. 0.02 min

Lab File: BP002241.D

Acq: 05 May 2020 17:36

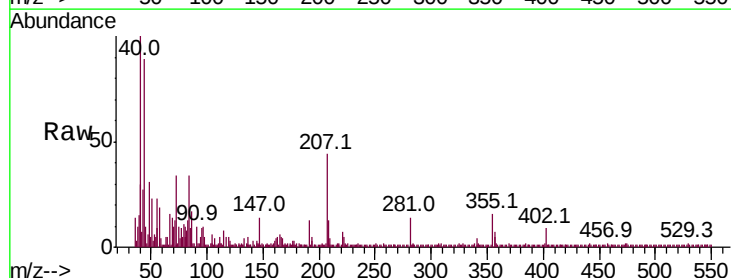
Tgt Ion:204 Resp: 11

Ion Ratio Lower Upper

204 100

206 118.8 26.2 39.4#

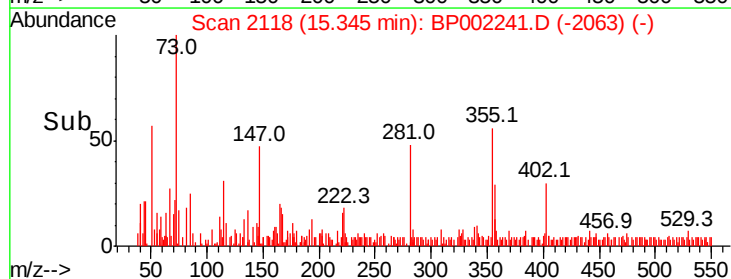
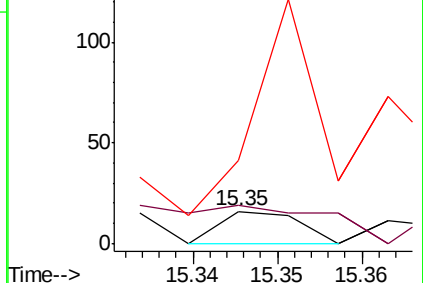
141 256.3 46.2 69.2#

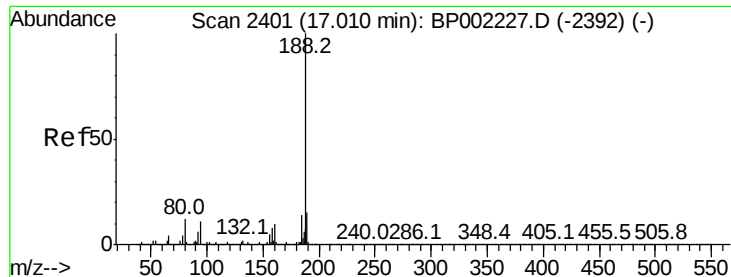


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.01 min Scan# 2401

Delta R.T. -0.01 min

Lab File: BP002241.D

Acq: 05 May 2020 17:36

Instrument :

BNA_P

ClientSampleId :

6FT-TP-3

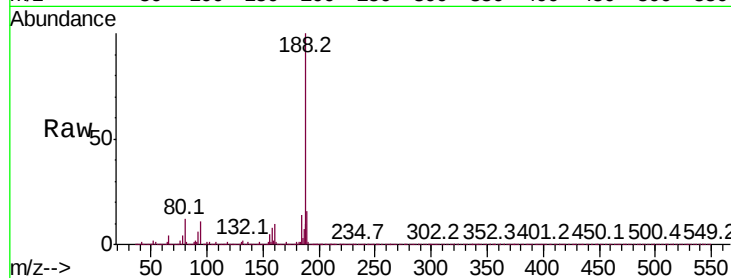
Tot Ion:188 Resp: 1337431

Ion Ratio Lower Upper

188 100

94 11.0 9.0 13.4

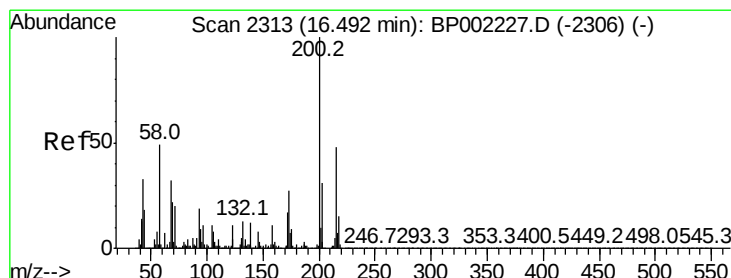
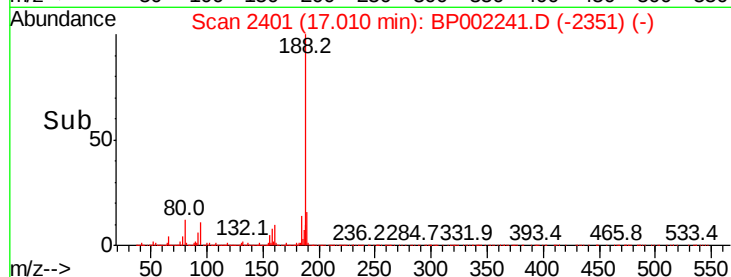
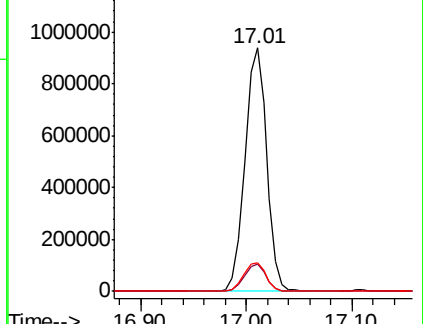
80 11.9 9.8 14.6



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



#69

Atrazine

Concen: 2.264 ng

RT: 16.56 min Scan# 2325

Delta R.T. 0.07 min

Lab File: BP002241.D

Acq: 05 May 2020 17:36

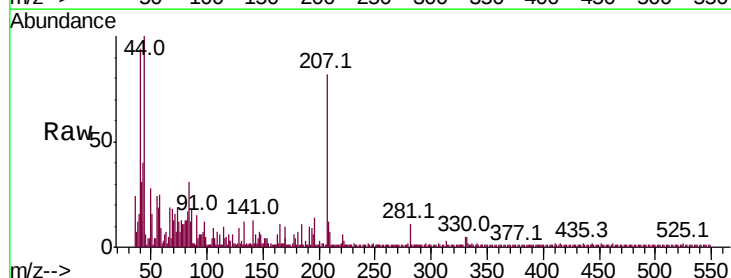
Tgt Ion:200 Resp: 35

Ion Ratio Lower Upper

200 100

173 24.6 6.6 46.6

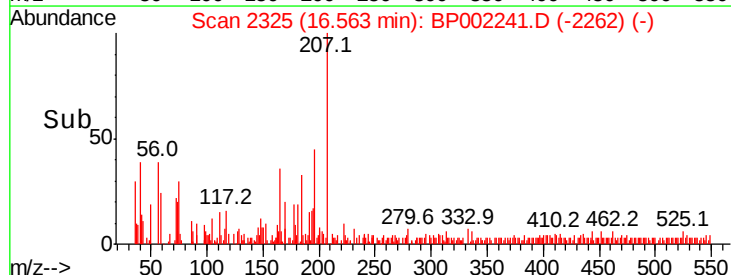
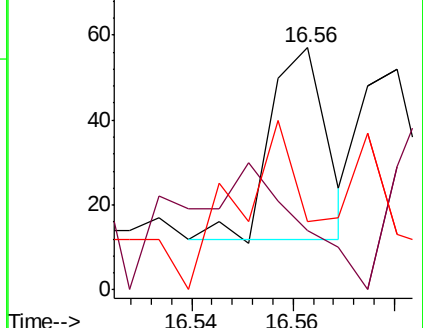
215 28.1 27.7 67.7

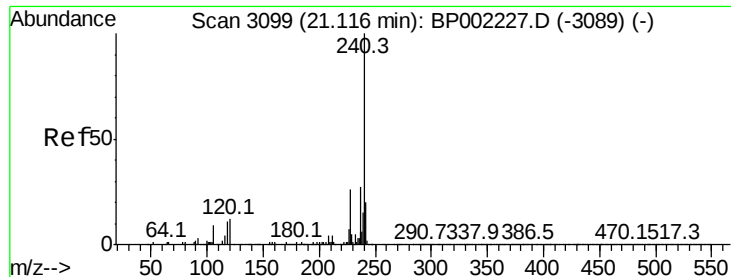


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

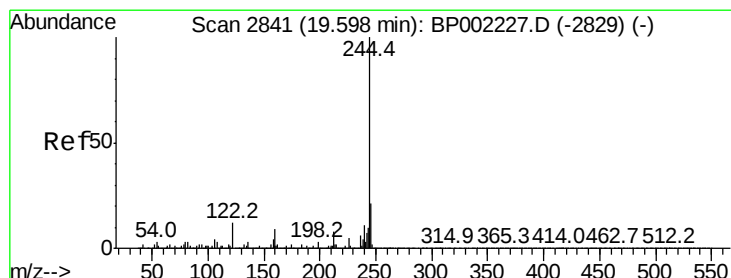
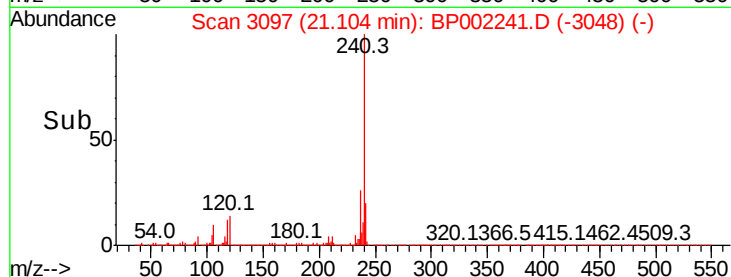
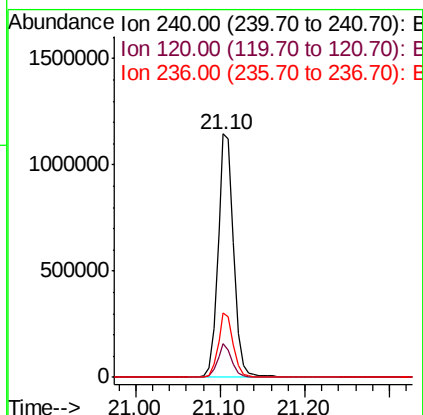
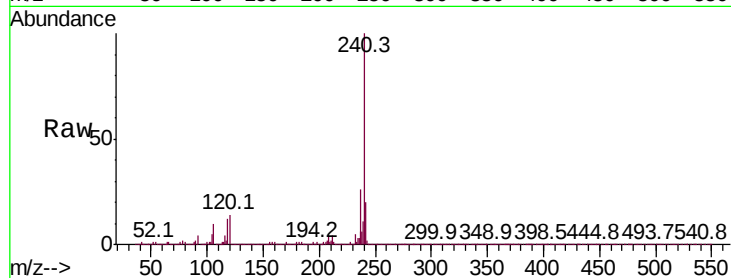




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.10 min Scan# 3097
 Delta R.T. -0.01 min
 Lab File: BP002241.D
 Acq: 05 May 2020 17:36

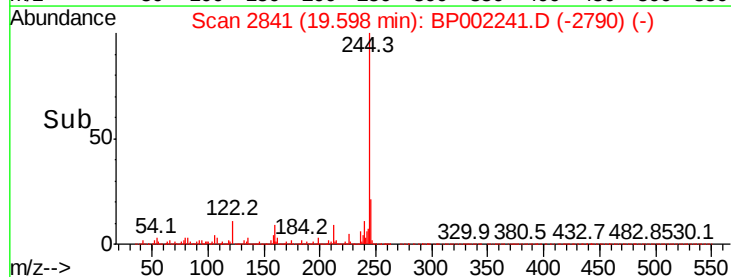
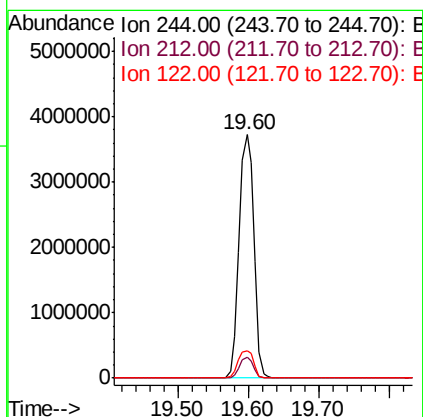
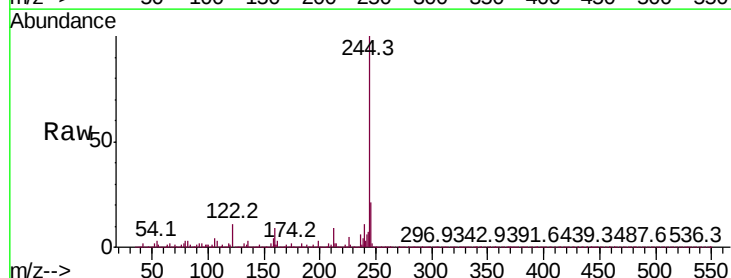
Instrument :
 BNA_P
 ClientSampleId :
 6FT-TP-3

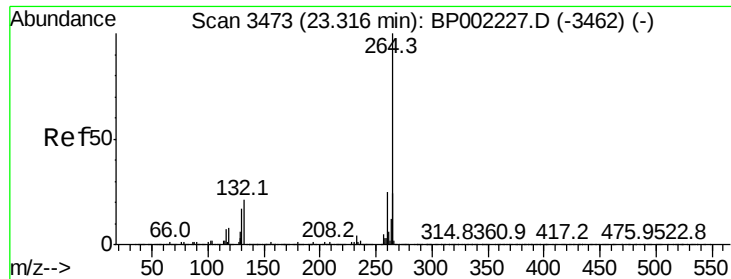
Tot Ion:240 Resp: 1491655
 Ion Ratio Lower Upper
 240 100
 120 13.6 9.4 14.0
 236 26.3 21.8 32.6



#79
 Terphenyl-d14
 Concen: 89.457 ng
 RT: 19.60 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: BP002241.D
 Acq: 05 May 2020 17:36

Tgt Ion:244 Resp: 5445121
 Ion Ratio Lower Upper
 244 100
 212 8.8 6.6 9.8
 122 11.5 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: BP002241.D
Acq: 05 May 2020 17:36

Instrument :
BNA_P
ClientSampleId :
6FT-TP-3

Tot Ion:264 Resp: 1735601

Ion	Ratio	Lower	Upper
264	100		
260	22.1	20.4	30.6
265	18.9	19.0	28.4#

