

Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP050520\
 Data File : BP002242.D
 Acq On : 05 May 2020 18:10
 Operator : CG/JU
 Sample : L2483-16
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 6FT-TP-8

Quant Time: May 05 18:41:04 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

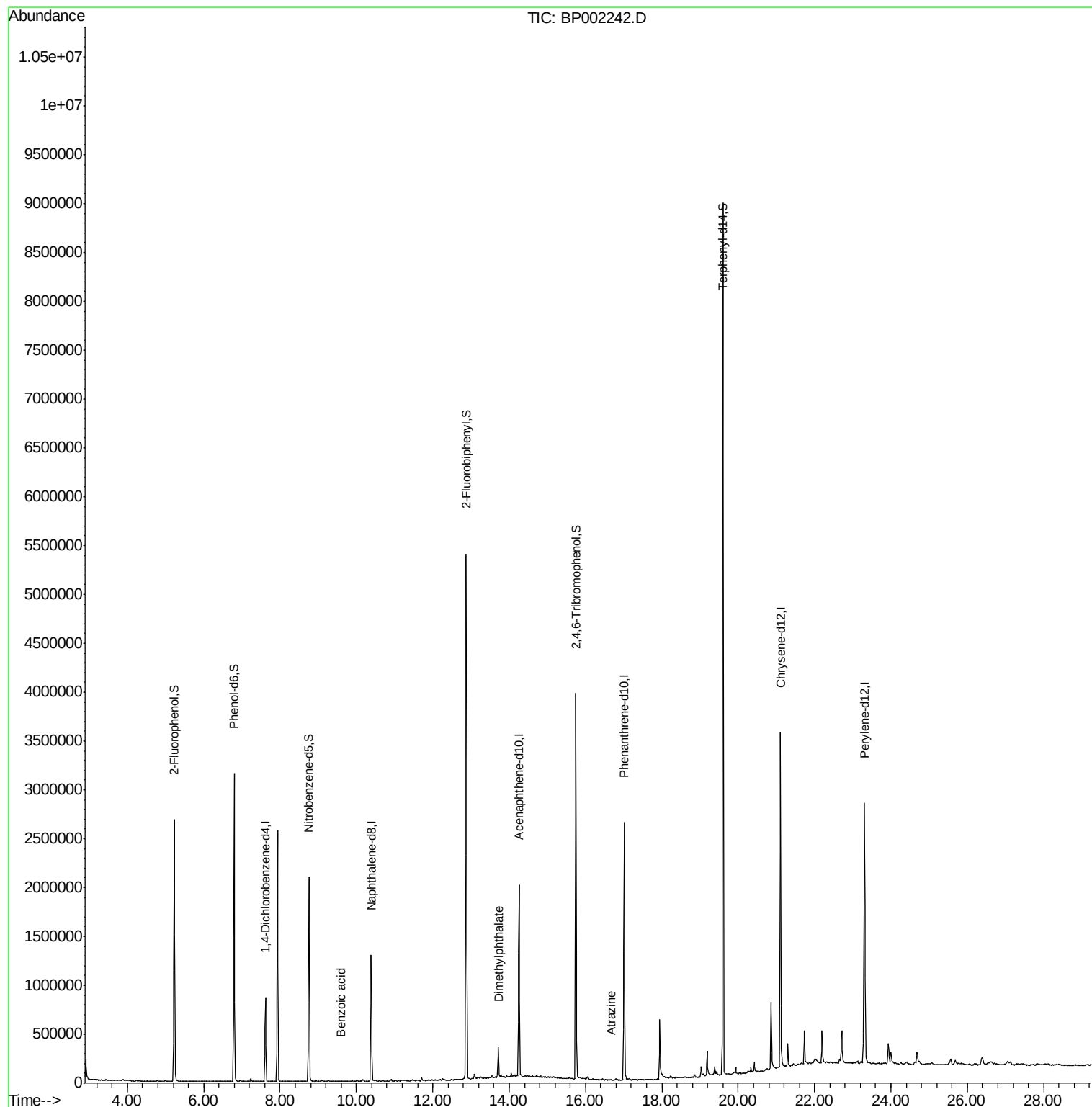
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	227612	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	1028836	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	653785	20.00	ng	0.00
64) Phenanthrene-d10	17.01	188	1466873	20.00	ng	0.00
76) Chrysene-d12	21.10	240	1572657	20.00	ng	-0.01
87) Perylene-d12	23.31	264	1755400	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1204308	87.29	ng	0.00
7) Phenol-d6	6.79	99	1806534	89.14	ng	0.00
23) Nitrobenzene-d5	8.75	82	1226279	61.55	ng	0.00
42) 2,4,6-Tribromophenol	15.75	330	709196	102.49	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	2816577	60.33	ng	0.00
79) Terphenyl-d14	19.60	244	4341425	67.65	ng	0.00
Target Compounds						
9) Benzaldehyde	6.79	77	3494	Below Cal	#	5
32) Benzoic acid	9.59	122	83	6.351 ng		91
50) Dimethylphthalate	13.72	163	197734	3.837 ng		98
61) 4-Chlorophenyl-phenylether	15.32	204	17	Below Cal	#	1
69) Atrazine	16.67	200	131	2.269 ng		78
77) Benzydine	19.20	184	102	Below Cal	#	1

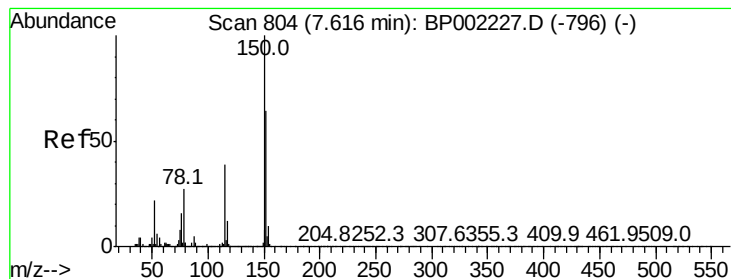
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BP002242.D

Acq: 05 May 2020 18:10

Instrument :

BNA_P

ClientSampleId :

6FT-TP-8

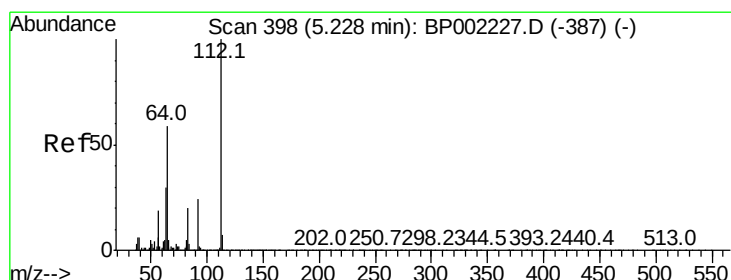
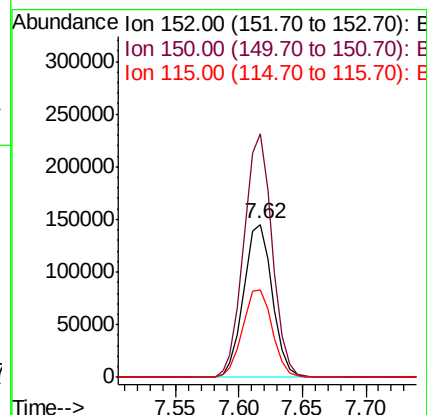
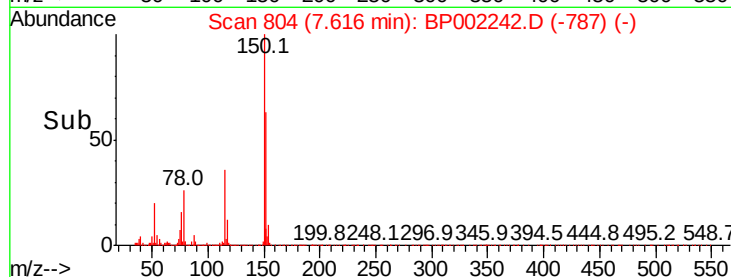
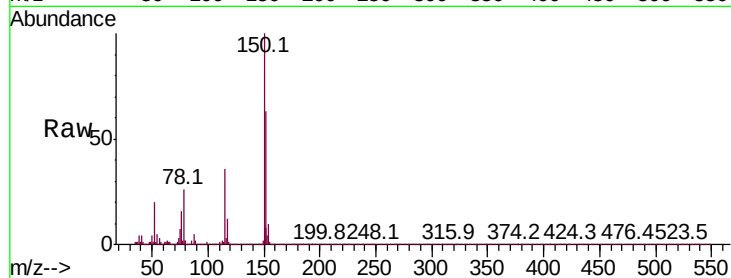
Tot Ion:152 Resp: 227612

Ion Ratio Lower Upper

152 100

150 159.1 125.3 187.9

115 57.6 48.3 72.5



#5

2-Fluorophenol

Concen: 87.286 ng

RT: 5.23 min Scan# 398

Delta R.T. 0.00 min

Lab File: BP002242.D

Acq: 05 May 2020 18:10

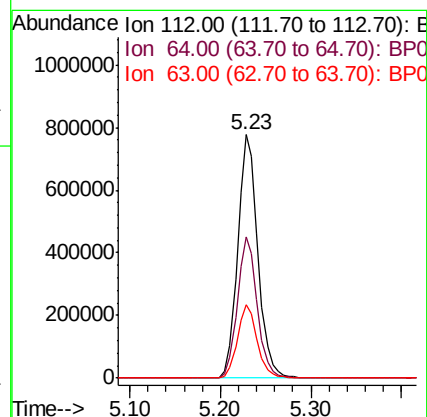
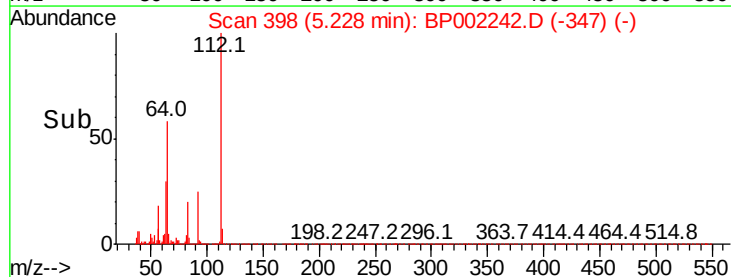
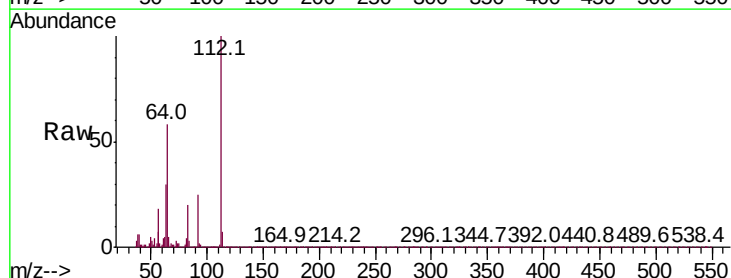
Tgt Ion:112 Resp: 1204308

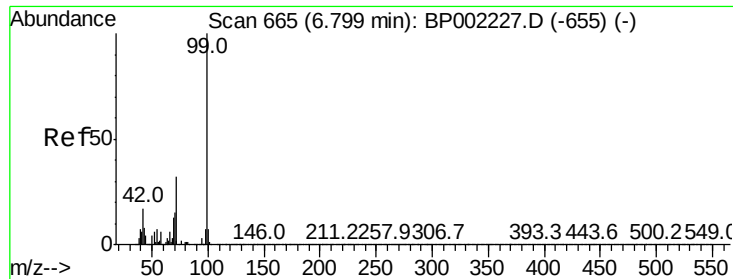
Ion Ratio Lower Upper

112 100

64 58.2 46.9 70.3

63 30.0 24.3 36.5





#7

Phenol-d6

Concen: 89.136 ng

RT: 6.79 min Scan# 664

Delta R.T. 0.00 min

Lab File: BP002242.D

Acq: 05 May 2020 18:10

Instrument :

BNA_P

ClientSampleId :

6FT-TP-8

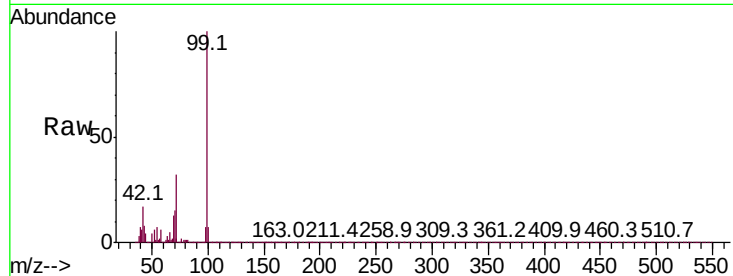
Tot Ion: 99 Resp: 1806534

Ion Ratio Lower Upper

99 100

42 17.1 14.0 21.0

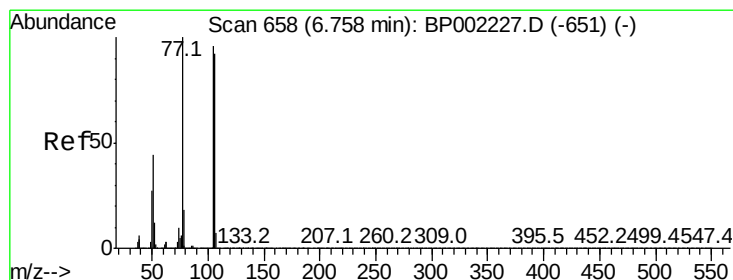
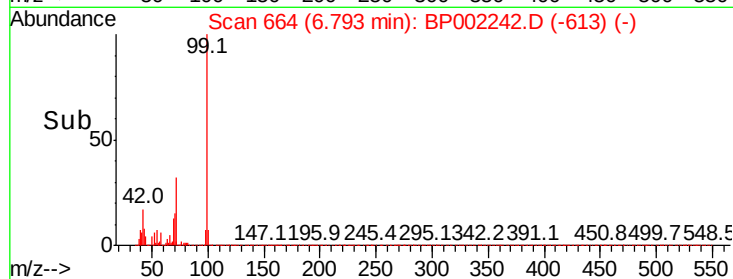
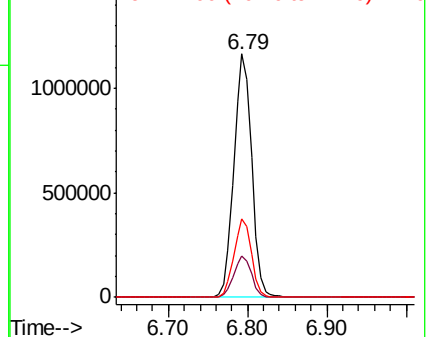
71 32.1 25.9 38.9



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



#9

Benzaldehyde

Concen: Below Cal

RT: 6.79 min Scan# 664

Delta R.T. 0.04 min

Lab File: BP002242.D

Acq: 05 May 2020 18:10

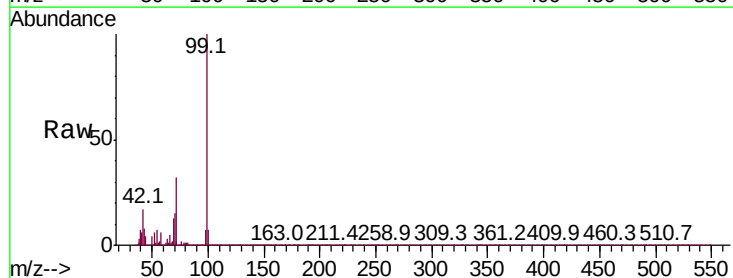
Tgt Ion: 77 Resp: 3494

Ion Ratio Lower Upper

77 100

105 2.9 76.0 116.0#

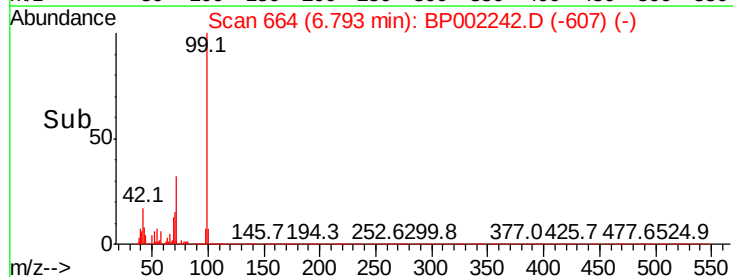
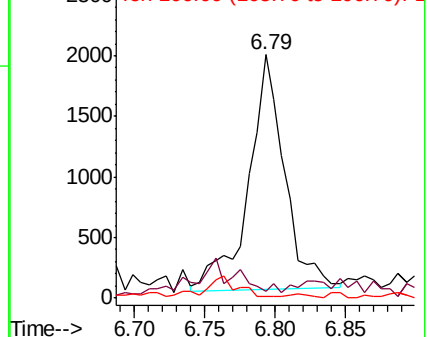
106 0.7 71.6 111.6#

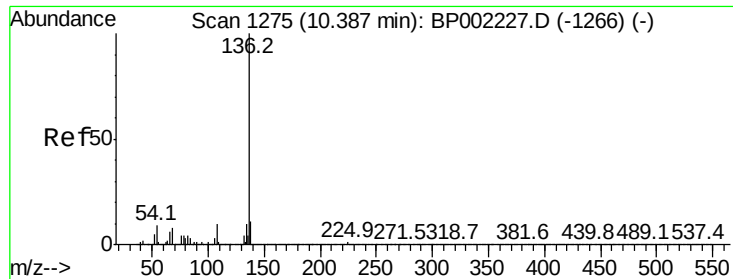


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

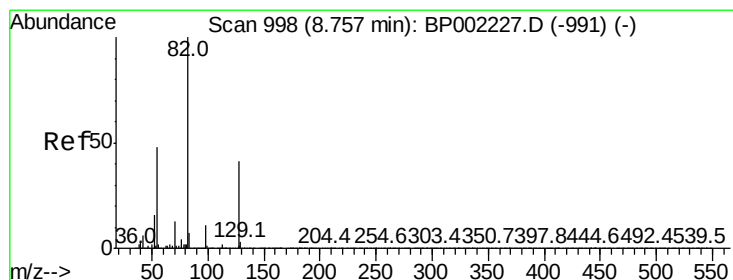
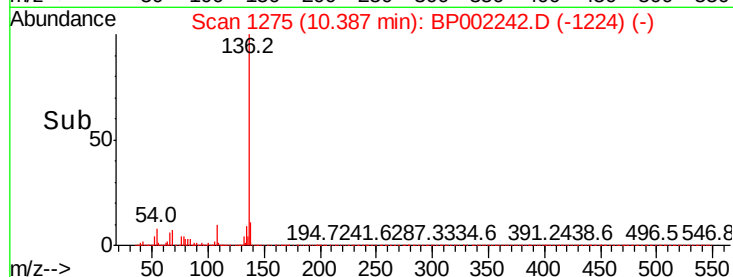
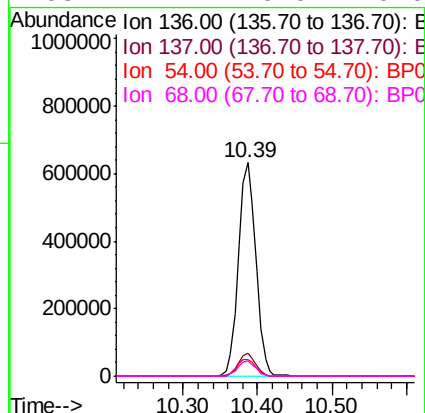
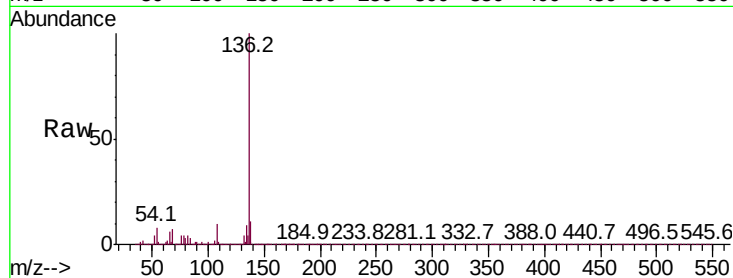




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1275
Delta R.T. 0.00 min
Lab File: BP002242.D
Acq: 05 May 2020 18:10

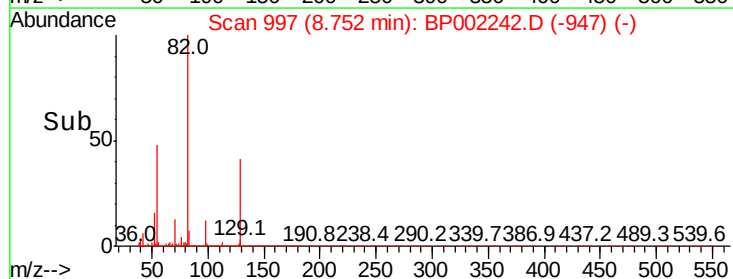
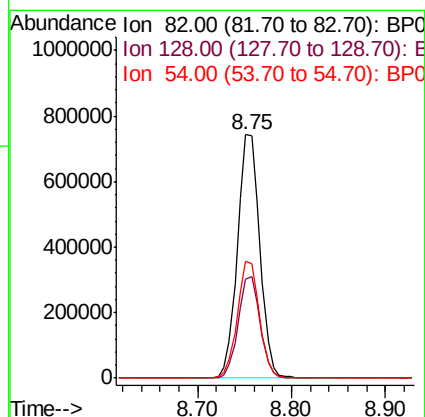
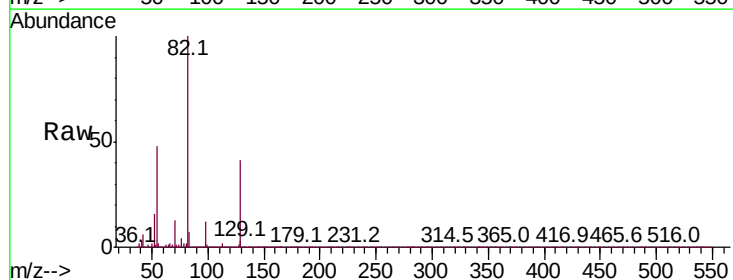
Instrument :
BNA_P
ClientSampleId :
6FT-TP-8

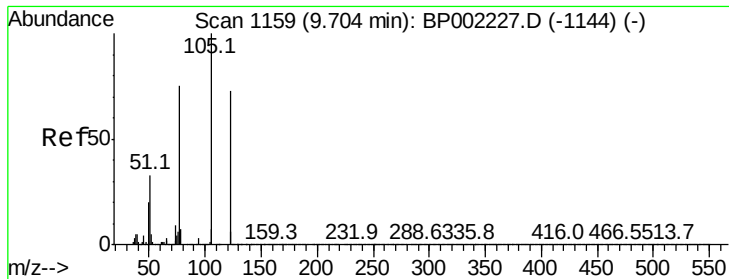
Tot Ion:	136	Resp:	1028836
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	8.1	7.0	10.6
68	7.2	6.0	9.0



#23
Nitrobenzene-d5
Concen: 61.553 ng
RT: 8.75 min Scan# 997
Delta R.T. -0.01 min
Lab File: BP002242.D
Acq: 05 May 2020 18:10

Tgt Ion:	82	Resp:	1226279
Ion	Ratio	Lower	Upper
82	100		
128	40.7	32.4	48.6
54	48.2	38.2	57.2

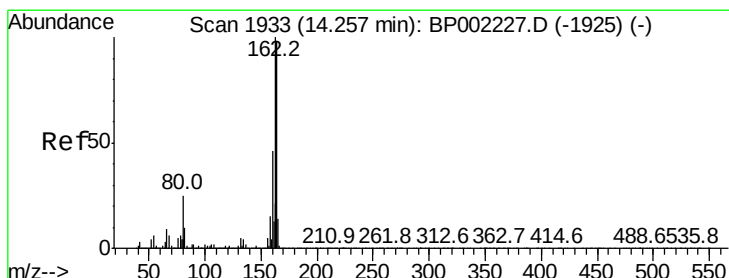
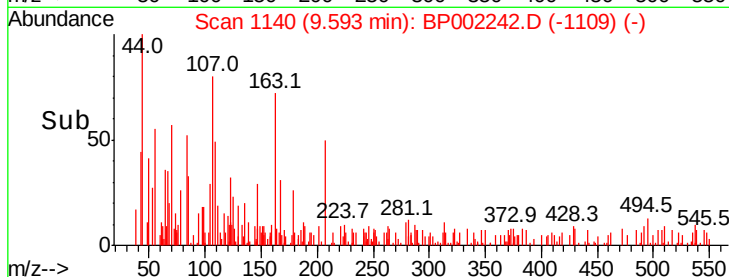
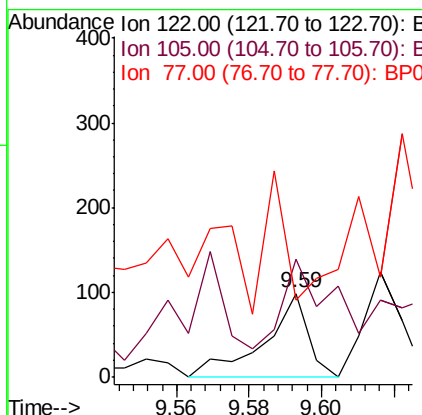
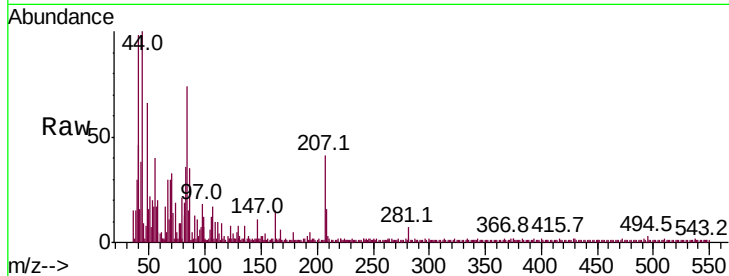




#32
Benzoic acid
Concen: 6.351 ng
RT: 9.59 min Scan# 1140
Delta R.T. -0.12 min
Lab File: BP002242.D
Acq: 05 May 2020 18:10

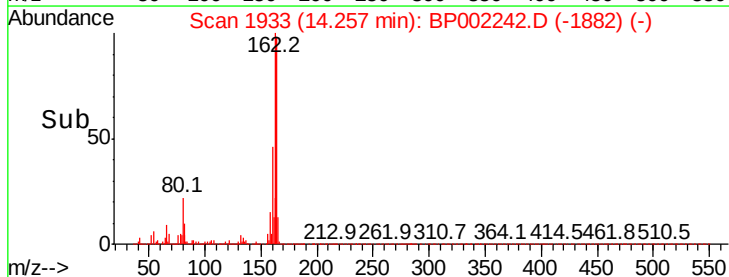
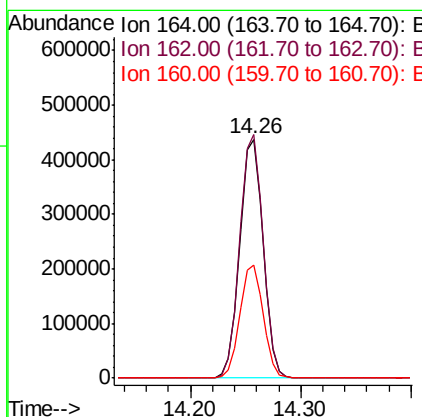
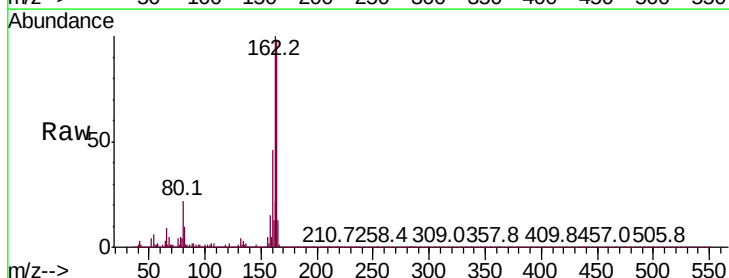
Instrument :
BNA_P
ClientSampleId :
6FT-TP-8

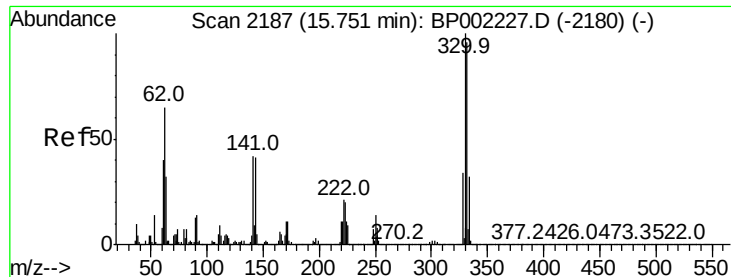
Tot Ion	Ratio	Lower	Upper
122	100		
105	140.4	108.6	148.6
77	91.9	79.2	119.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.26 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BP002242.D
Acq: 05 May 2020 18:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	81.5	122.3
160	47.2	37.3	55.9

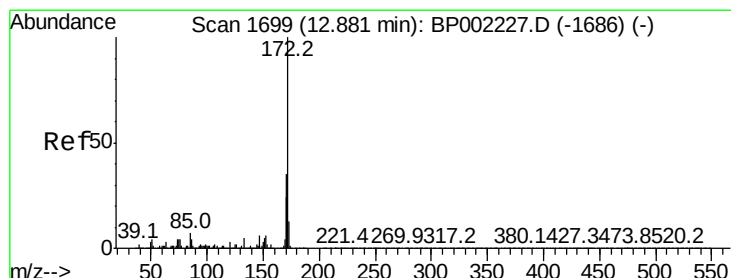
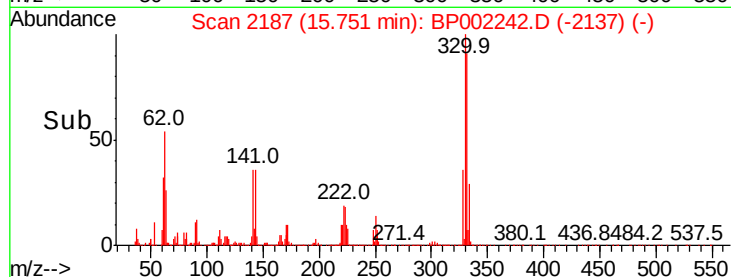
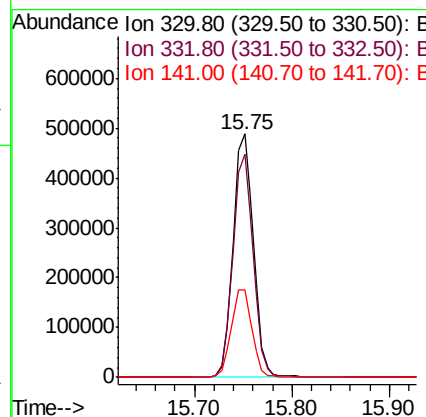
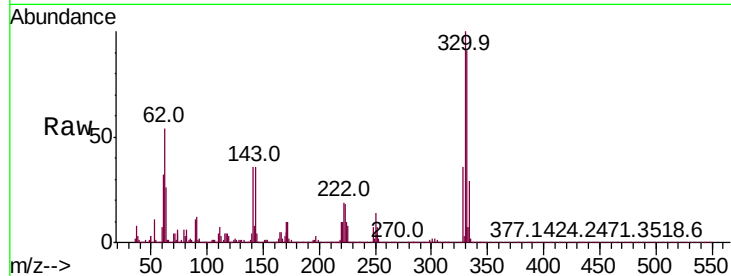




#42
2,4,6-Tribromophenol
Concen: 102.486 ng
RT: 15.75 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BP002242.D
Acq: 05 May 2020 18:10

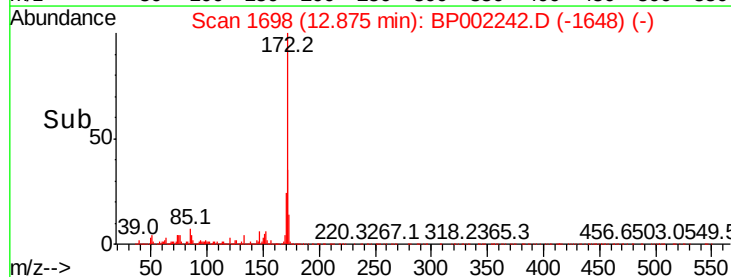
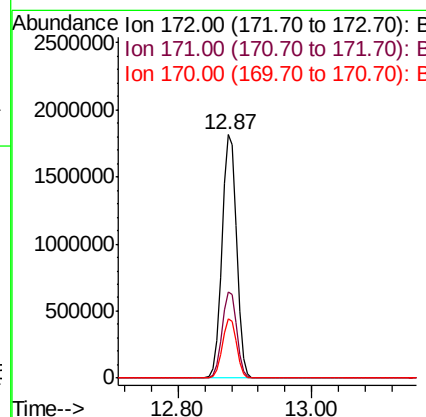
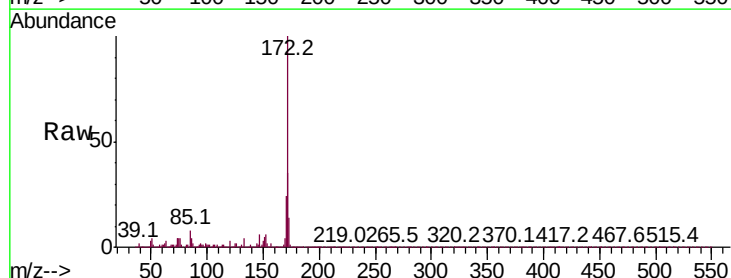
Instrument :
BNA_P
ClientSampleId :
6FT-TP-8

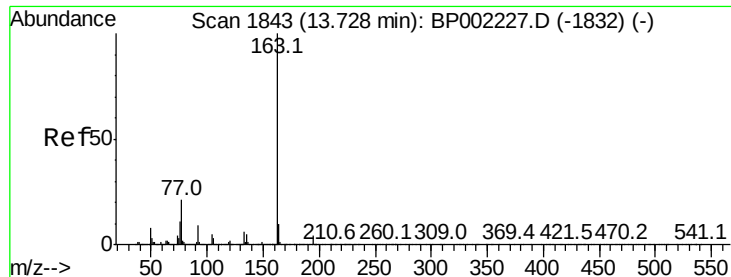
Tot Ion	Ratio	Lower	Upper
330	100		
332	91.5	76.3	114.5
141	37.2	32.0	48.0



#45
2-Fluorobiphenyl
Concen: 60.330 ng
RT: 12.87 min Scan# 1698
Delta R.T. -0.01 min
Lab File: BP002242.D
Acq: 05 May 2020 18:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.9	41.9
170	24.2	19.0	28.6





#50

Dimethylphthalate

Concen: 3.837 ng

RT: 13.72 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BP002242.D

Acq: 05 May 2020 18:10

Instrument :

BNA_P

ClientSampleId :

6FT-TP-8

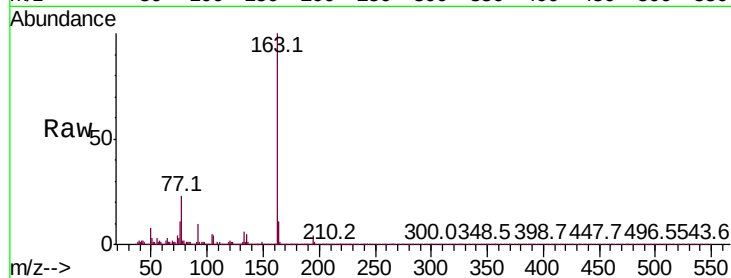
Tot Ion:163 Resp: 197734

Ion Ratio Lower Upper

163 100

194 4.5 3.3 4.9

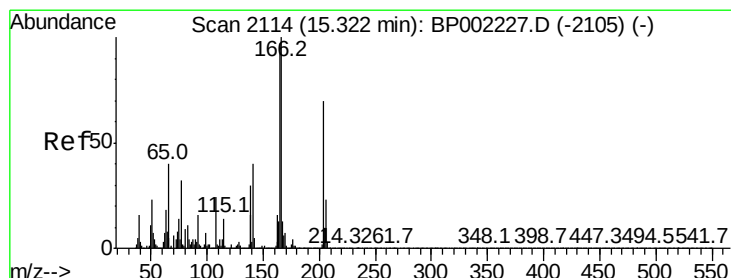
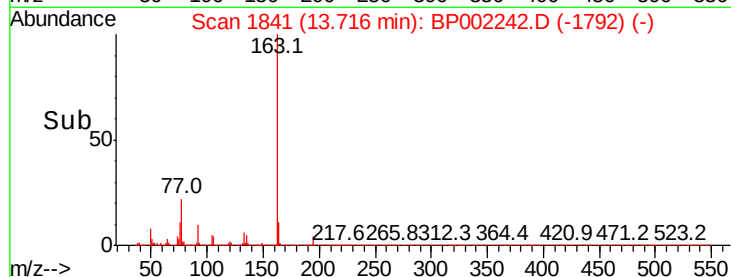
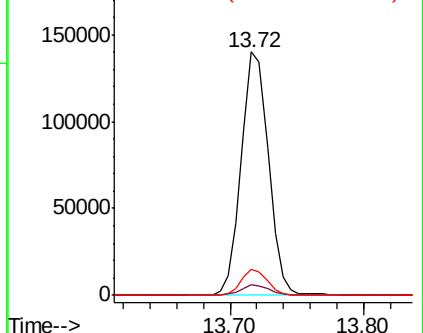
164 10.6 7.8 11.8



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: 15.32 min Scan# 2113

Delta R.T. -0.01 min

Lab File: BP002242.D

Acq: 05 May 2020 18:10

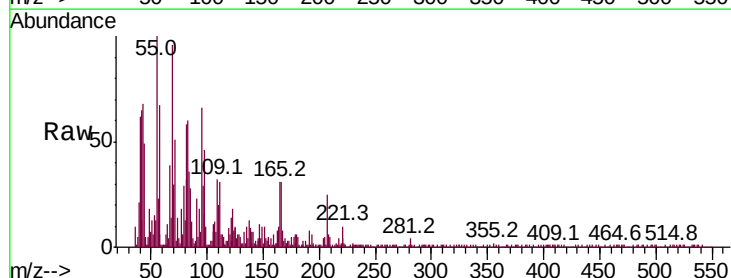
Tgt Ion:204 Resp: 17

Ion Ratio Lower Upper

204 100

206 54.8 26.2 39.4#

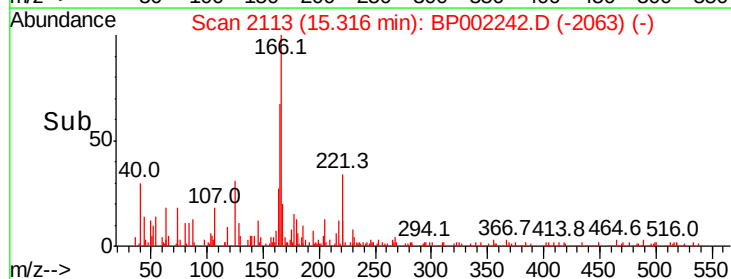
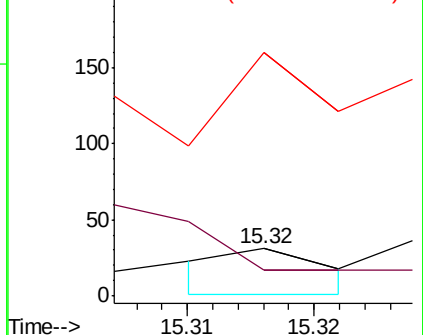
141 516.1 46.2 69.2#

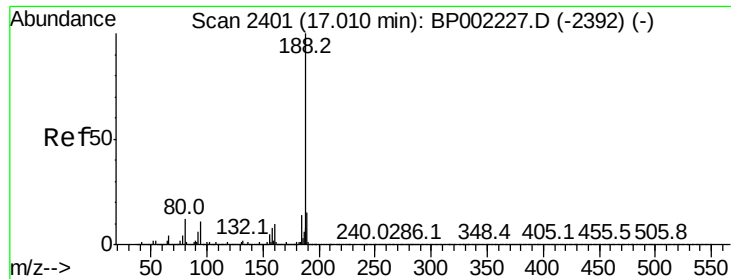


Abundance Ion 204.00 (203.70 to 204.70): E

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: BP002242.D

Acq: 05 May 2020 18:10

Instrument :

BNA_P

ClientSampleId :

6FT-TP-8

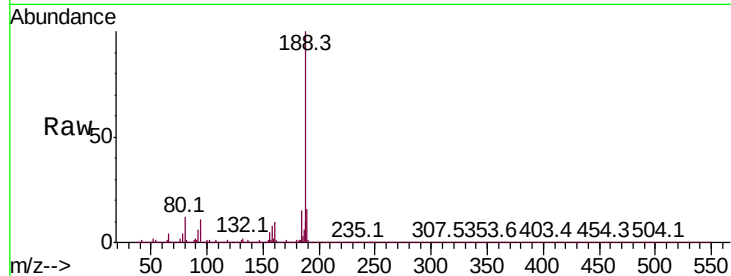
Tot Ion:188 Resp: 1466873

Ion Ratio Lower Upper

188 100

94 10.8 9.0 13.4

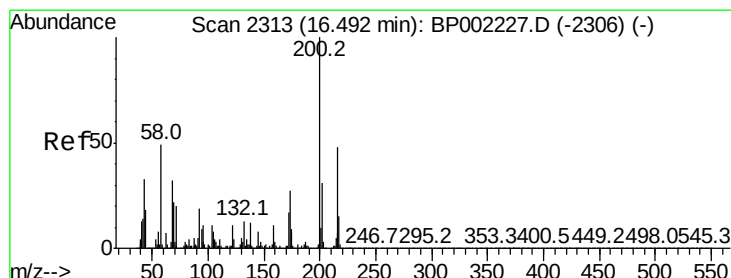
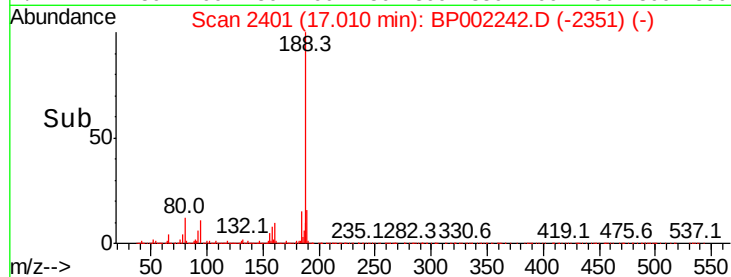
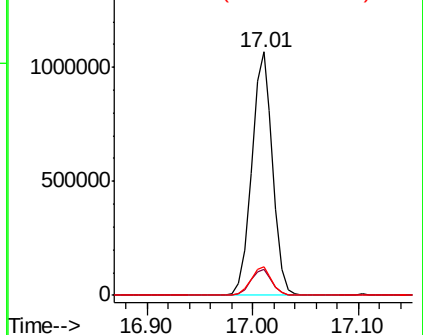
80 11.6 9.8 14.6



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: 2.269 ng

RT: 16.67 min Scan# 2344

Delta R.T. 0.18 min

Lab File: BP002242.D

Acq: 05 May 2020 18:10

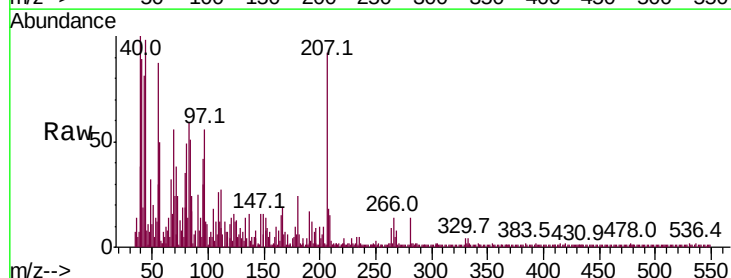
Tgt Ion:200 Resp: 131

Ion Ratio Lower Upper

200 100

173 21.5 6.6 46.6

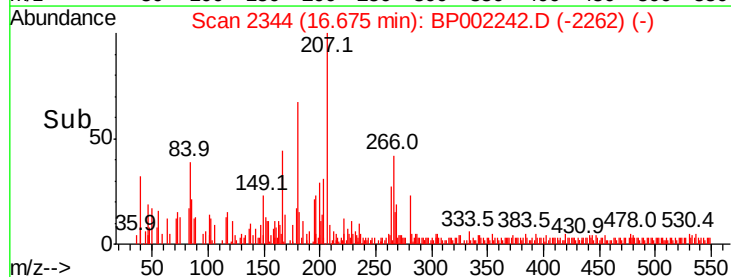
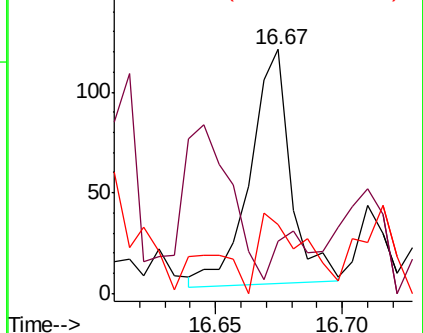
215 28.1 27.7 67.7

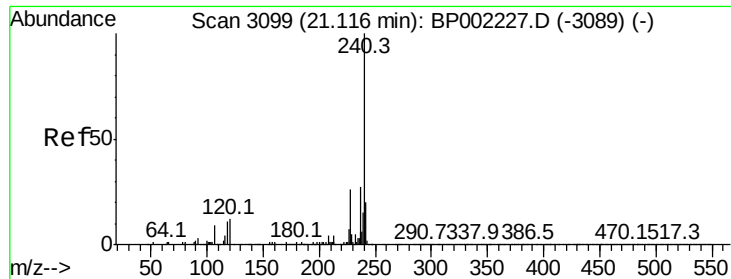


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

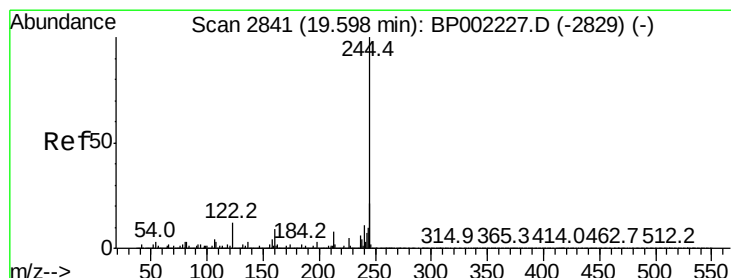
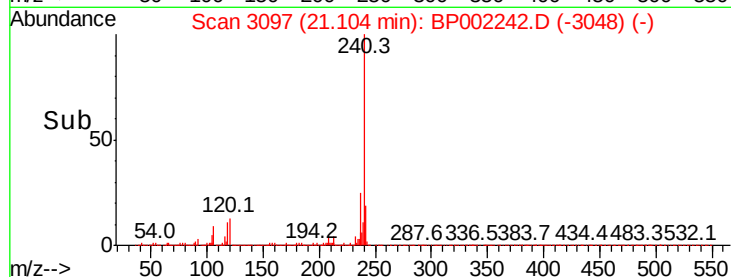
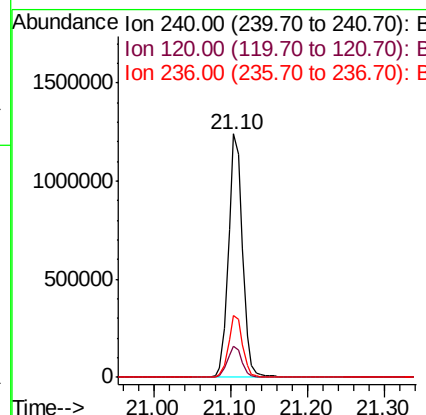
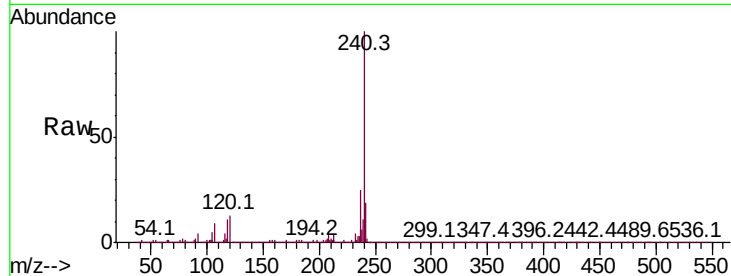




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.10 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BP002242.D
Acq: 05 May 2020 18:10

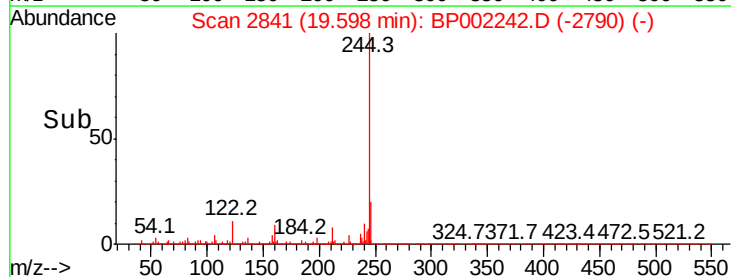
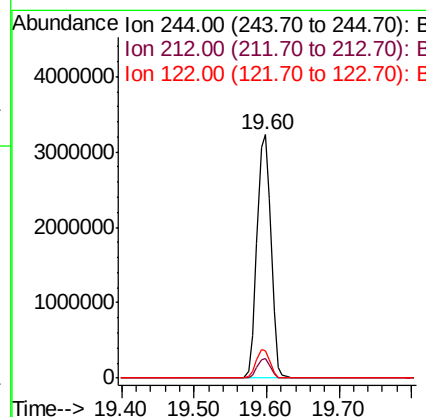
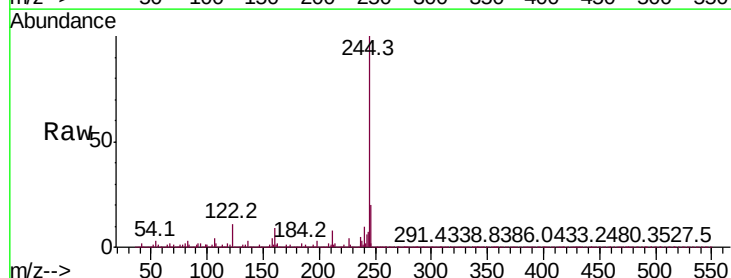
Instrument :
BNA_P
ClientSampleId :
6FT-TP-8

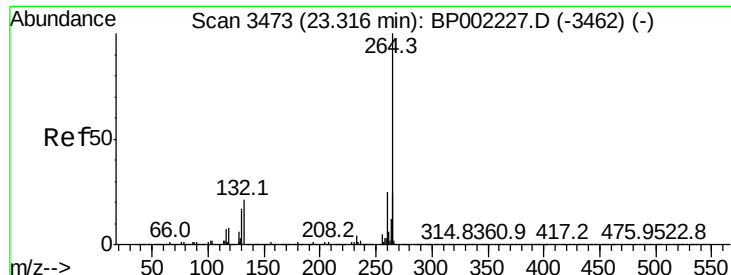
Tot Ion:240 Resp: 1572657
Ion Ratio Lower Upper
240 100
120 12.6 9.4 14.0
236 25.2 21.8 32.6



#79
Terphenyl-d14
Concen: 67.651 ng
RT: 19.60 min Scan# 2841
Delta R.T. 0.00 min
Lab File: BP002242.D
Acq: 05 May 2020 18:10

Tgt Ion:244 Resp: 4341425
Ion Ratio Lower Upper
244 100
212 8.0 6.6 9.8
122 11.2 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: BP002242.D
Acq: 05 May 2020 18:10

Instrument :
BNA_P
ClientSampleId :
6FT-TP-8

Tot Ion: 264 Resp: 1755400

Ion	Ratio	Lower	Upper
264	100		
260	23.1	20.4	30.6
265	20.7	19.0	28.4

