

Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP050520\
 Data File : BP002240.D
 Acq On : 05 May 2020 17:02
 Operator : CG/JU
 Sample : L2483-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 6FT-TP-5

Quant Time: May 05 17:48:39 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

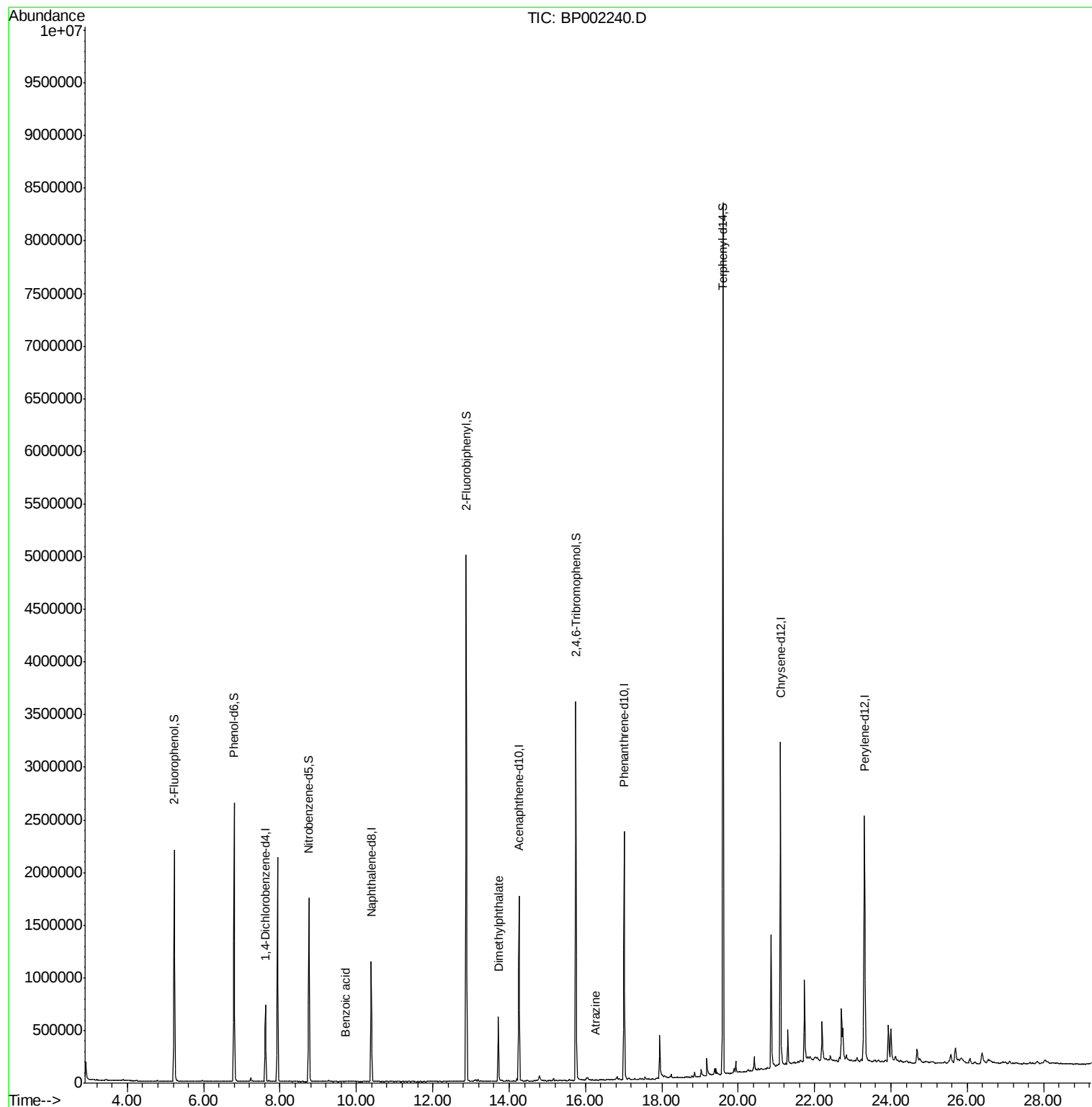
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	195583	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	901270	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	585690	20.00	ng	0.00
64) Phenanthrene-d10	17.01	188	1321950	20.00	ng	0.00
76) Chrysene-d12	21.10	240	1400416	20.00	ng	-0.01
87) Perylene-d12	23.31	264	1630138	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	992264	83.69	ng	0.00
7) Phenol-d6	6.79	99	1519151	87.23	ng	0.00
23) Nitrobenzene-d5	8.75	82	1027123	58.85	ng	0.00
42) 2,4,6-Tribromophenol	15.75	330	611629	98.66	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	2507357	59.95	ng	0.00
79) Terphenyl-d14	19.60	244	3981397	69.67	ng	0.00
Target Compounds						
9) Benzaldehyde	6.76	77	746	Below Cal		89
32) Benzoic acid	9.71	122	406	6.382 ng	#	78
50) Dimethylphthalate	13.72	163	383451	8.306 ng		100
61) 4-Chlorophenyl-phenylether	15.32	204	10	Below Cal	#	1
69) Atrazine	16.27	200	17	2.263 ng		86
77) Benzidine	19.20	184	135	Below Cal	#	1

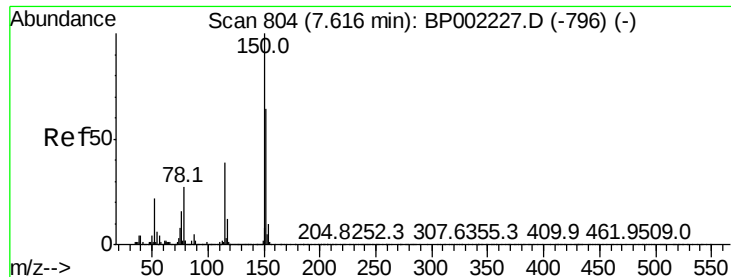
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BP002240.D

Acq: 05 May 2020 17:02

Instrument :

BNA_P

ClientSampleId :

6FT-TP-5

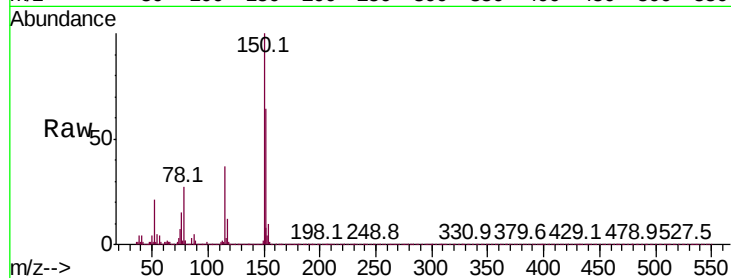
Tot Ion:152 Resp: 195583

Ion Ratio Lower Upper

152 100

150 157.0 125.3 187.9

115 58.6 48.3 72.5

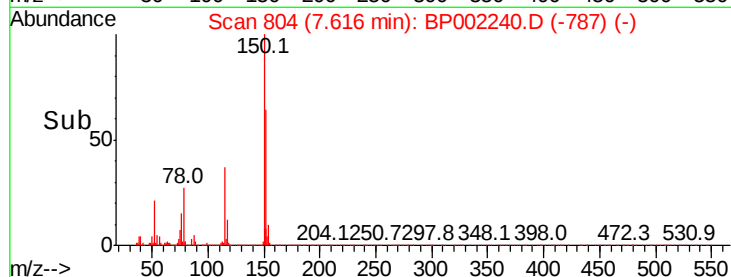


Abundance

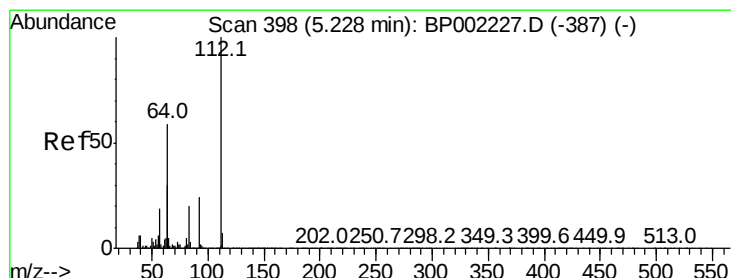
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time--> 7.50 7.55 7.60 7.65 7.70



#5

2-Fluorophenol

Concen: 83.695 ng

RT: 5.23 min Scan# 398

Delta R.T. 0.00 min

Lab File: BP002240.D

Acq: 05 May 2020 17:02

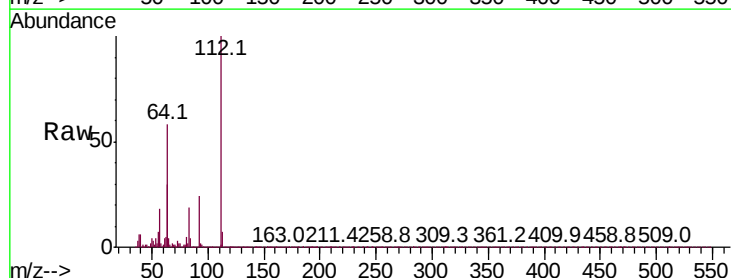
Tgt Ion:112 Resp: 992264

Ion Ratio Lower Upper

112 100

64 58.1 46.9 70.3

63 29.9 24.3 36.5

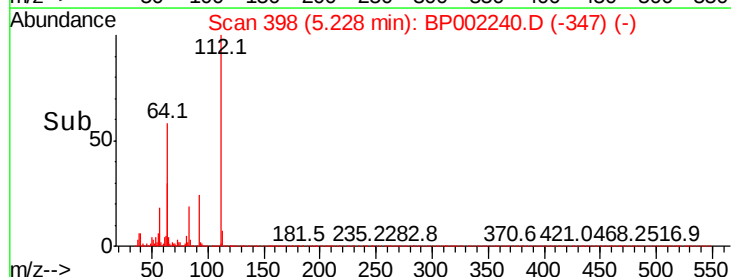


Abundance

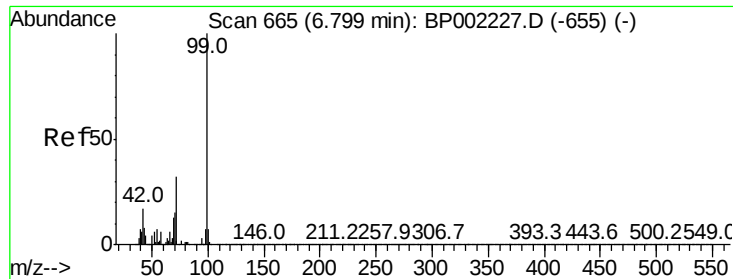
Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



Time--> 5.10 5.20 5.30 5.40



#7

Phenol-d6

Concen: 87.231 ng

RT: 6.79 min Scan# 664

Delta R.T. 0.00 min

Lab File: BP002240.D

Acq: 05 May 2020 17:02

Instrument :

BNA_P

ClientSampleId :

6FT-TP-5

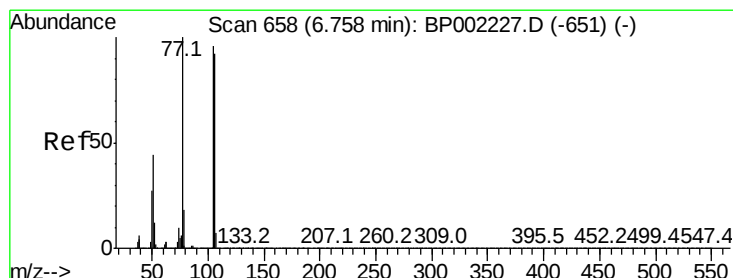
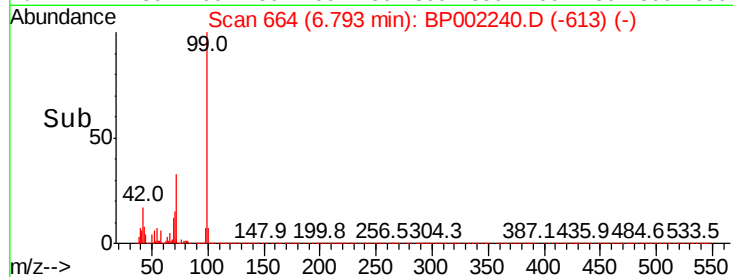
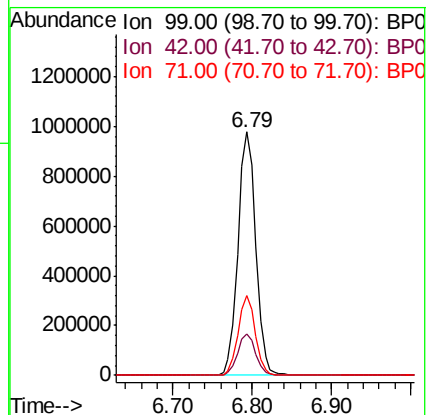
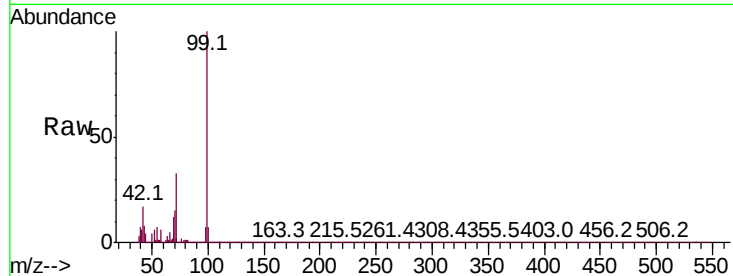
Tot Ion: 99 Resp: 1519151

Ion Ratio Lower Upper

99 100

42 17.0 14.0 21.0

71 32.7 25.9 38.9



#9

Benzaldehyde

Concen: Below Cal

RT: 6.76 min Scan# 658

Delta R.T. 0.00 min

Lab File: BP002240.D

Acq: 05 May 2020 17:02

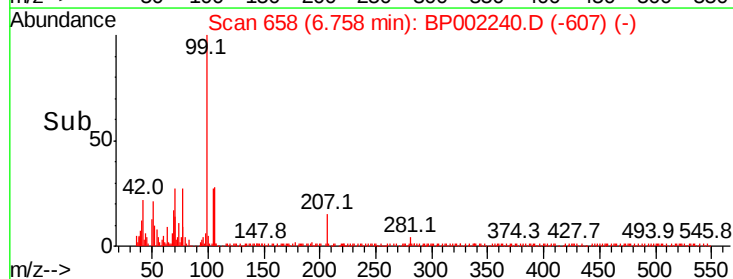
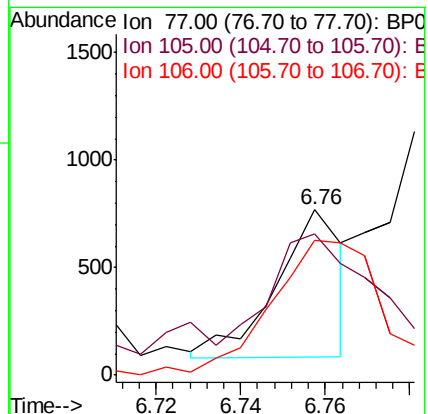
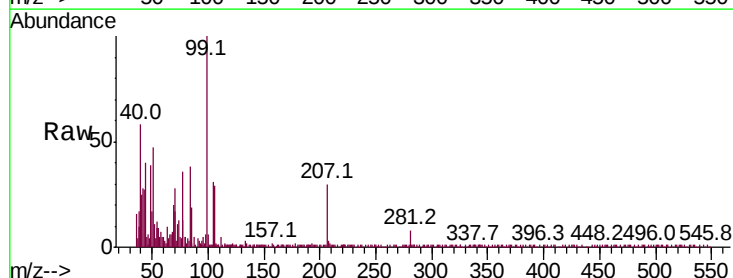
Tgt Ion: 77 Resp: 746

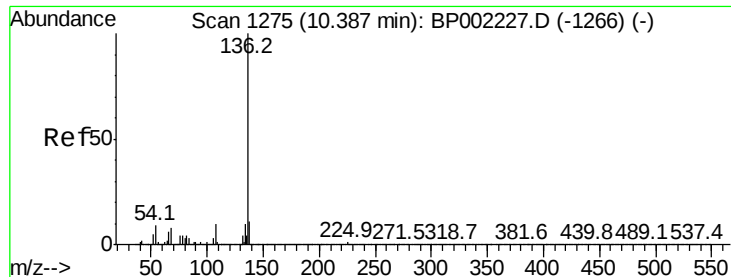
Ion Ratio Lower Upper

77 100

105 85.9 76.0 116.0

106 81.4 71.6 111.6

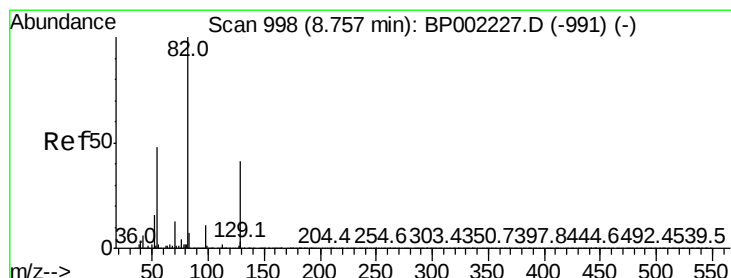
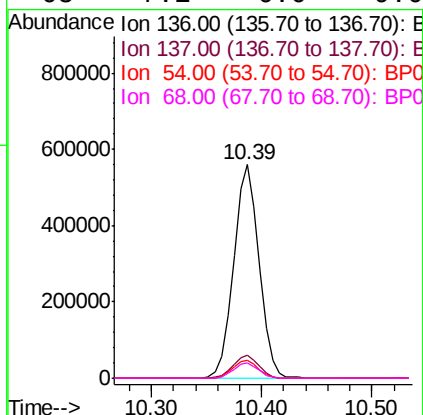
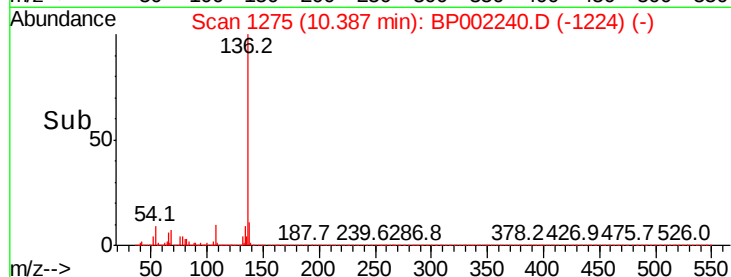
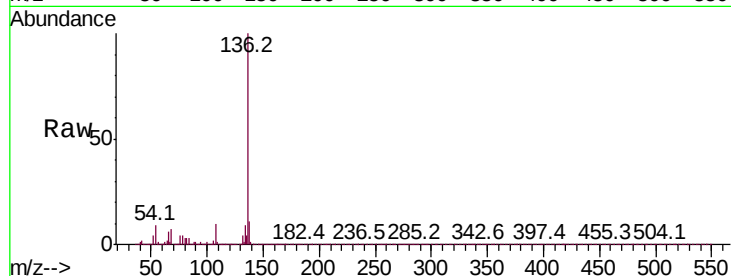




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1275
Delta R.T. 0.00 min
Lab File: BP002240.D
Acq: 05 May 2020 17:02

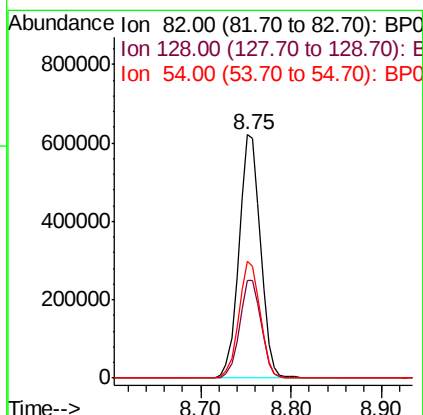
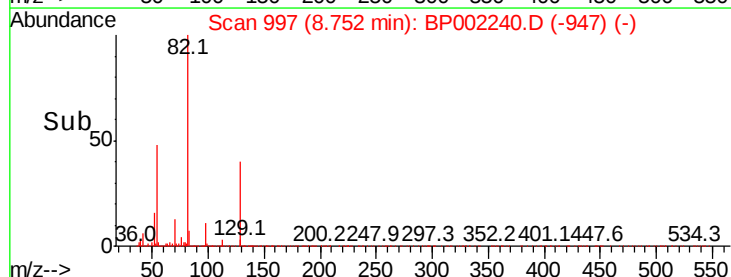
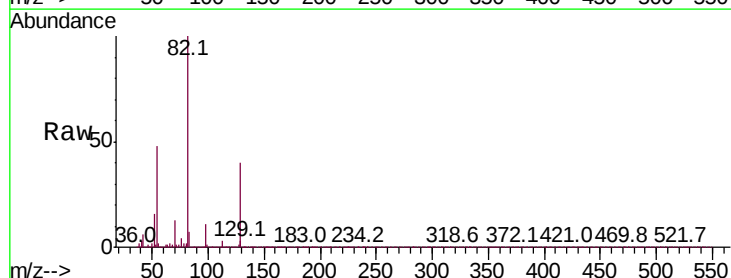
Instrument :
BNA_P
ClientSampleId :
6FT-TP-5

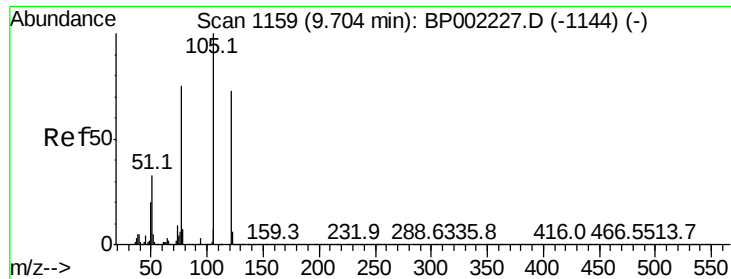
Tot Ion:	136	Resp:	901270
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	8.5	7.0	10.6
68	7.1	6.0	9.0



#23
Nitrobenzene-d5
Concen: 58.854 ng
RT: 8.75 min Scan# 997
Delta R.T. -0.01 min
Lab File: BP002240.D
Acq: 05 May 2020 17:02

Tgt Ion:	82	Resp:	1027123
Ion	Ratio	Lower	Upper
82	100		
128	39.9	32.4	48.6
54	48.1	38.2	57.2

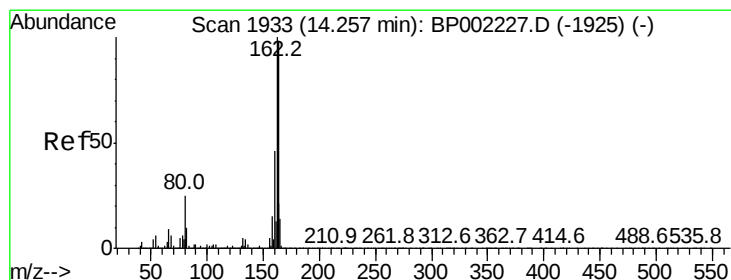
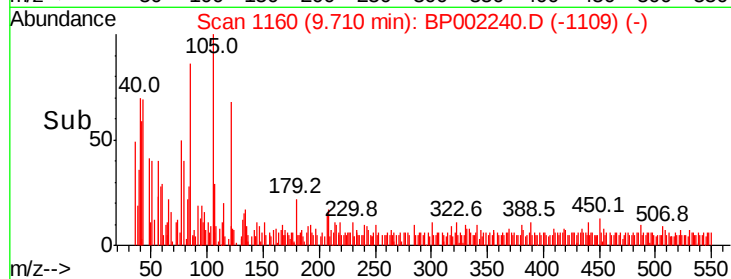
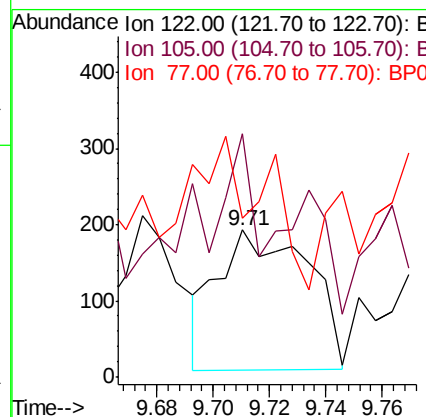
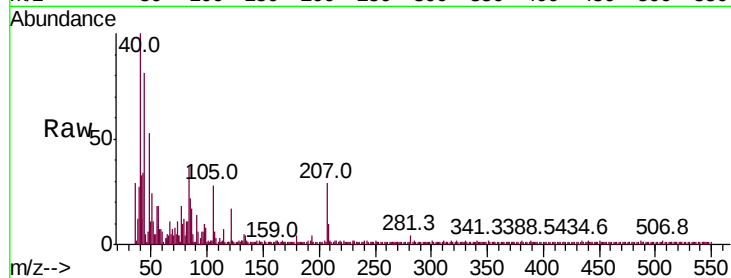




#32
Benzoic acid
Concen: 6.382 ng
RT: 9.71 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BP002240.D
Acq: 05 May 2020 17:02

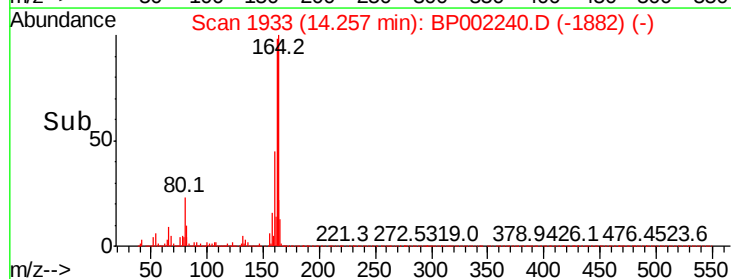
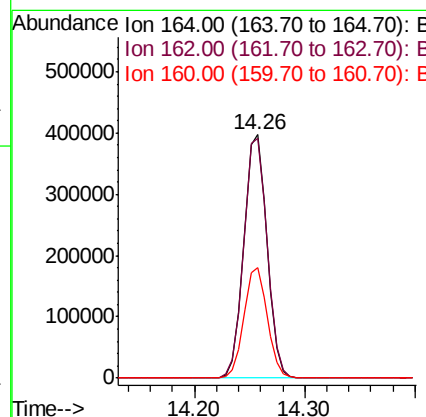
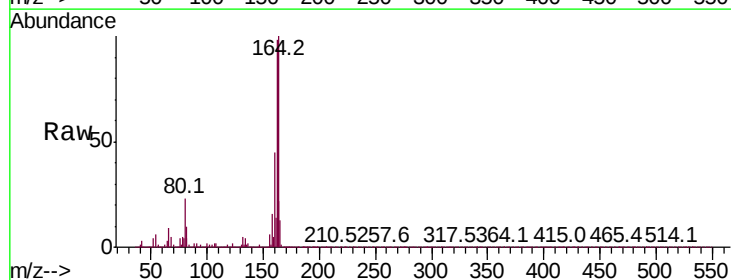
Instrument :
BNA_P
ClientSampled :
6FT-TP-5

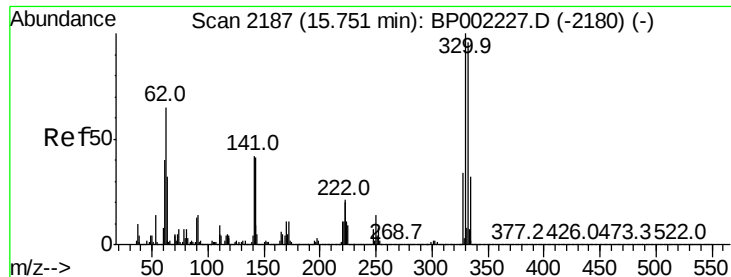
Tot Ion:122 Resp: 406
Ion Ratio Lower Upper
122 100
105 165.3 108.6 148.6#
77 107.8 79.2 119.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.26 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BP002240.D
Acq: 05 May 2020 17:02

Tgt Ion:164 Resp: 585690
Ion Ratio Lower Upper
164 100
162 98.2 81.5 122.3
160 45.4 37.3 55.9





#42

2,4,6-Tribromophenol

Concen: 98.663 ng

RT: 15.75 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BP002240.D

Acq: 05 May 2020 17:02

Instrument :

BNA_P

ClientSampled :

6FT-TP-5

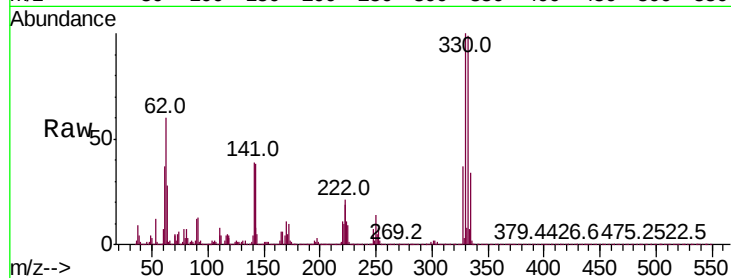
Tot Ion:330 Resp: 611629

Ion Ratio Lower Upper

330 100

332 97.8 76.3 114.5

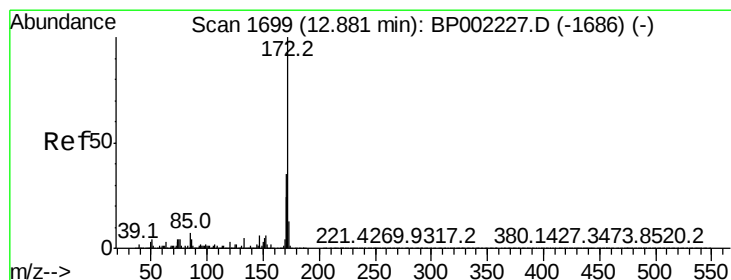
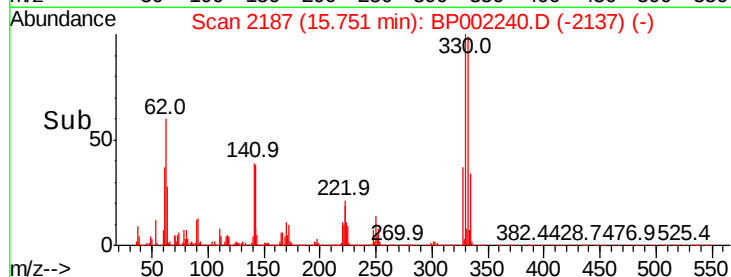
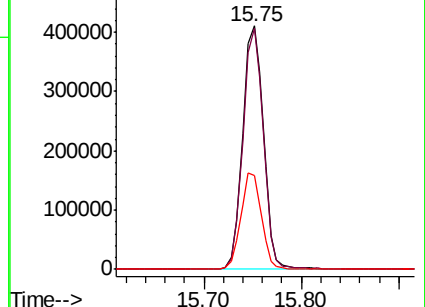
141 39.5 32.0 48.0



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: 59.951 ng

RT: 12.87 min Scan# 1698

Delta R.T. -0.01 min

Lab File: BP002240.D

Acq: 05 May 2020 17:02

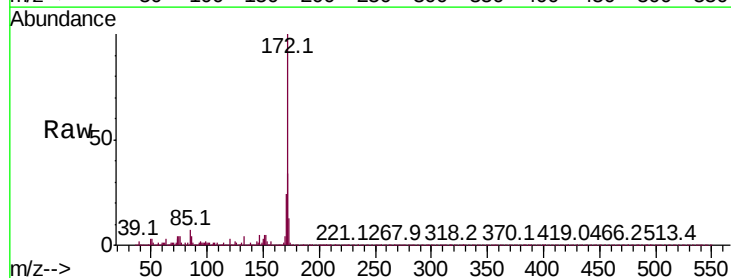
Tgt Ion:172 Resp: 2507357

Ion Ratio Lower Upper

172 100

171 33.7 27.9 41.9

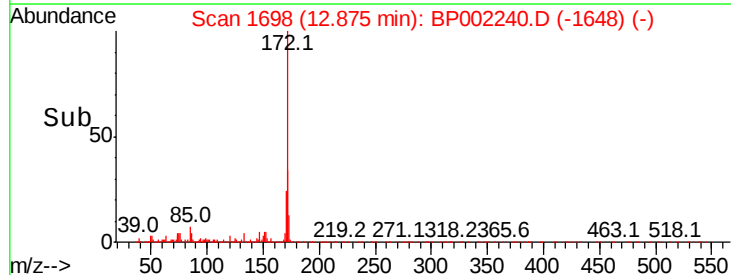
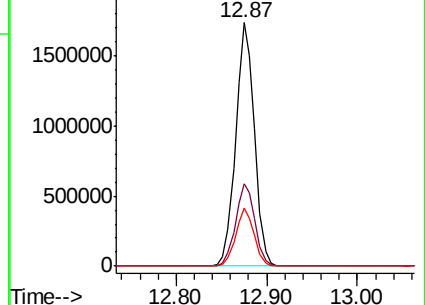
170 23.6 19.0 28.6

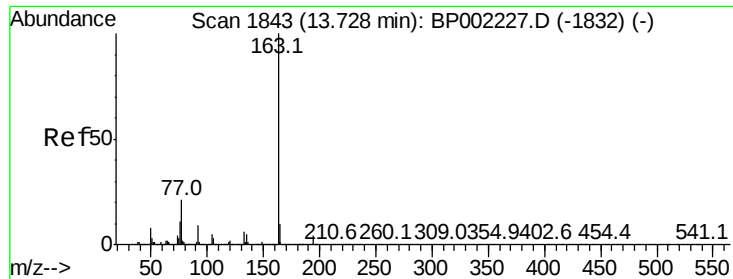


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 8.306 ng

RT: 13.72 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BP002240.D

Acq: 05 May 2020 17:02

Instrument :

BNA_P

ClientSampleId :

6FT-TP-5

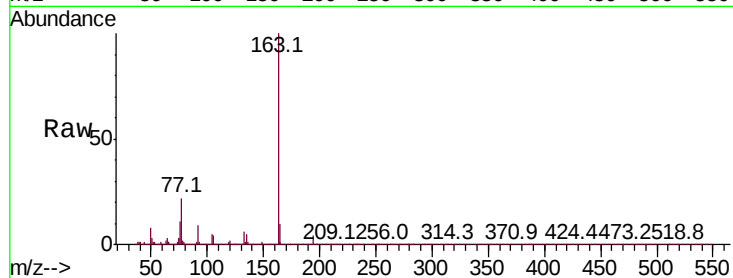
Tot Ion:163 Resp: 383451

Ion Ratio Lower Upper

163 100

194 3.8 3.3 4.9

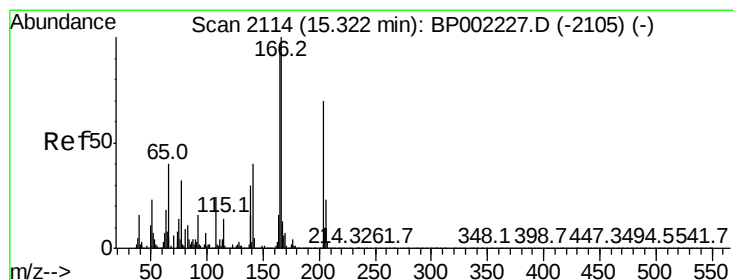
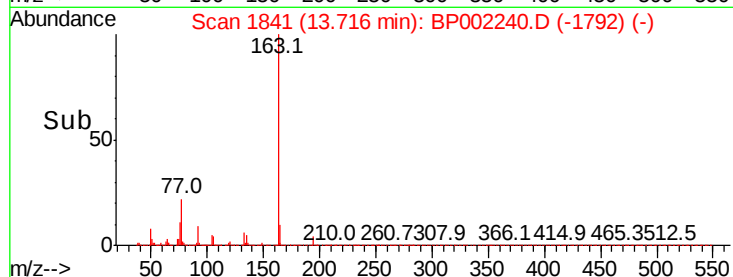
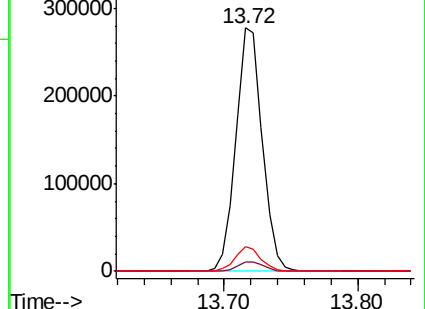
164 9.9 7.8 11.8



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: BP002240.D

Acq: 05 May 2020 17:02

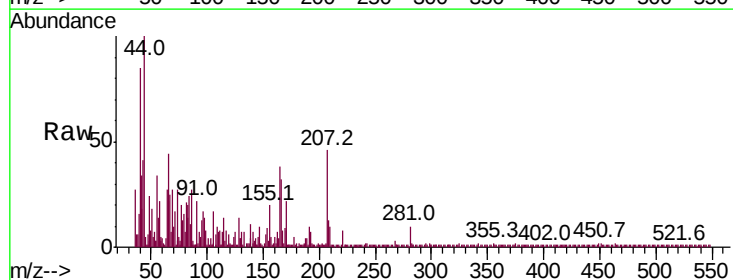
Tgt Ion:204 Resp: 10

Ion Ratio Lower Upper

204 100

206 68.4 26.2 39.4#

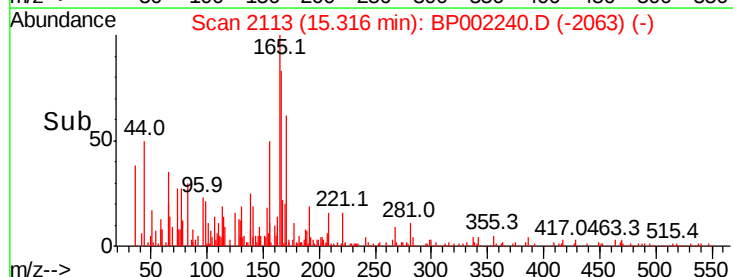
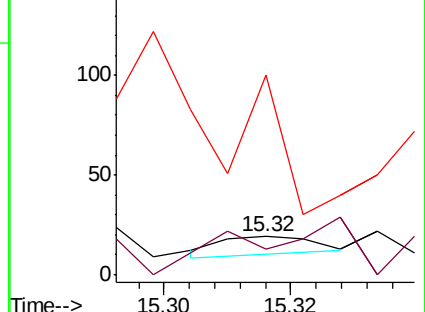
141 526.3 46.2 69.2#

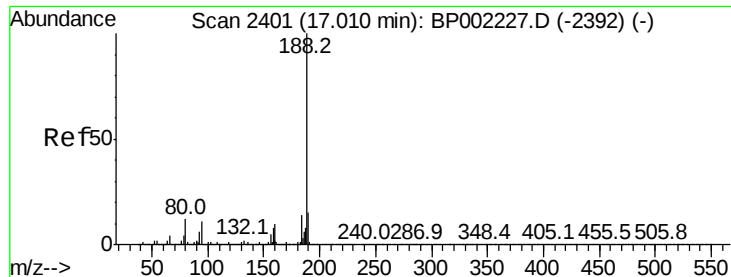


Abundance Ion 204.00 (203.70 to 204.70): E

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: BP002240.D

Acq: 05 May 2020 17:02

Instrument :

BNA_P

ClientSampleId :

6FT-TP-5

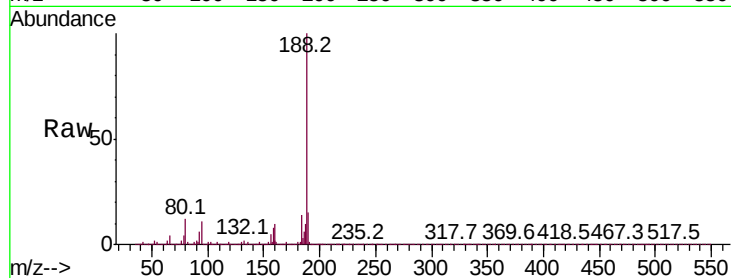
Tot Ion:188 Resp: 1321950

Ion Ratio Lower Upper

188 100

94 10.6 9.0 13.4

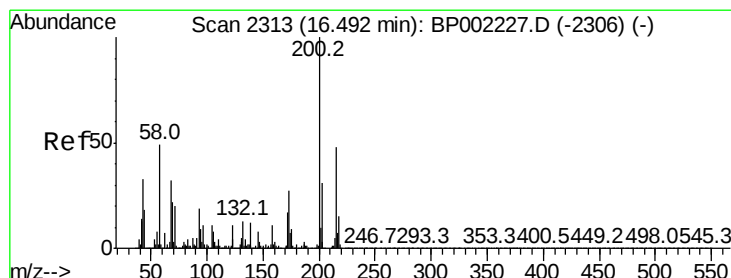
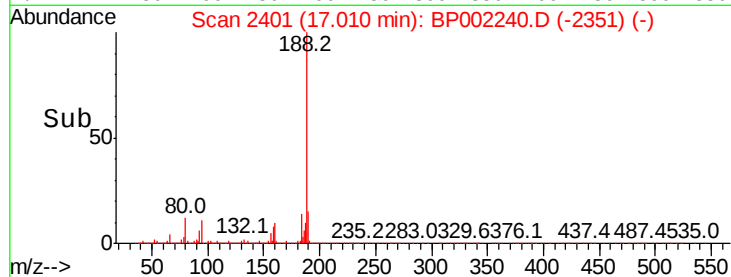
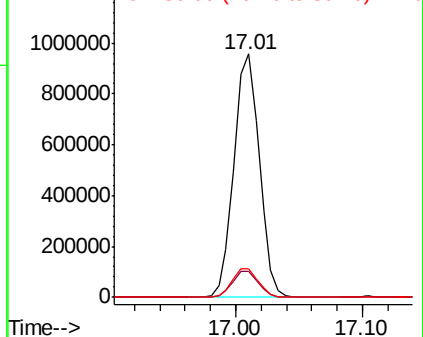
80 11.7 9.8 14.6



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: 2.263 ng

RT: 16.27 min Scan# 2276

Delta R.T. -0.22 min

Lab File: BP002240.D

Acq: 05 May 2020 17:02

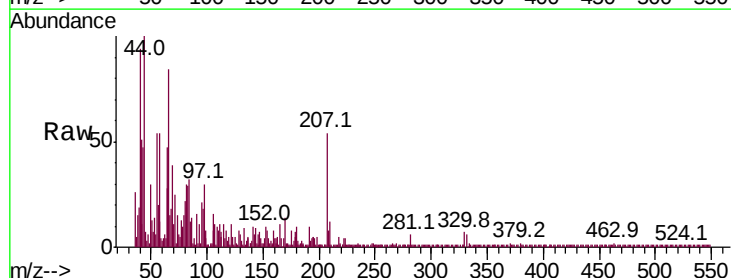
Tgt Ion:200 Resp: 17

Ion Ratio Lower Upper

200 100

173 36.0 6.6 46.6

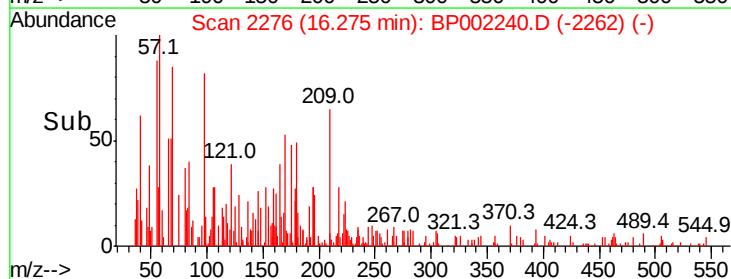
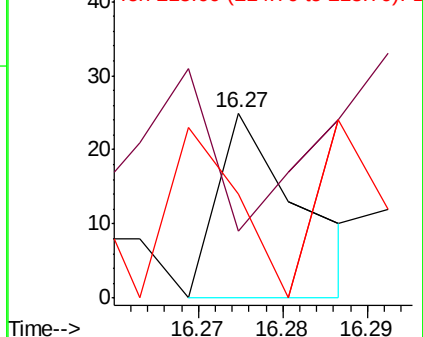
215 56.0 27.7 67.7

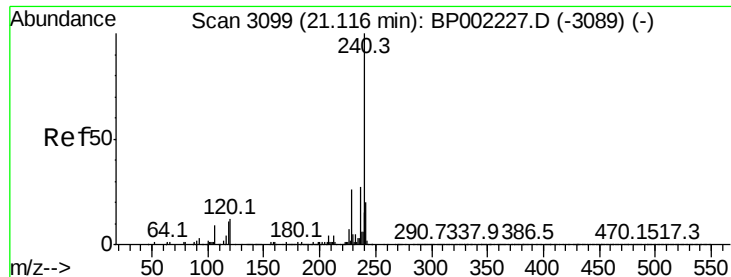


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

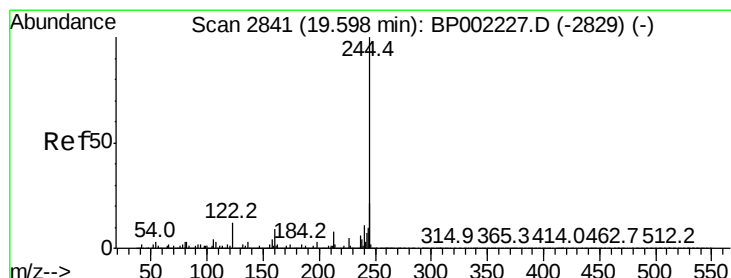
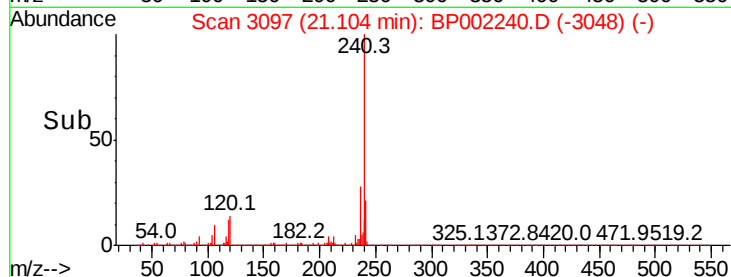
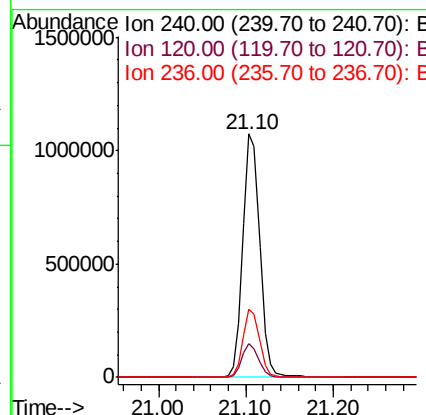
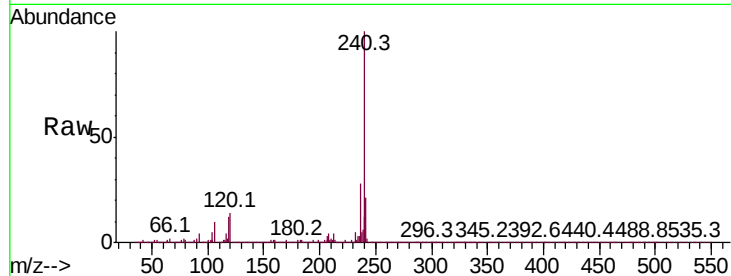




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.10 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BP002240.D
Acq: 05 May 2020 17:02

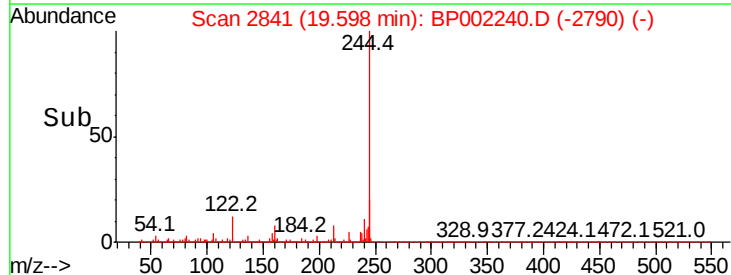
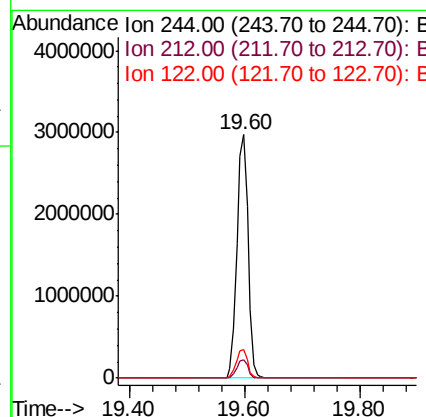
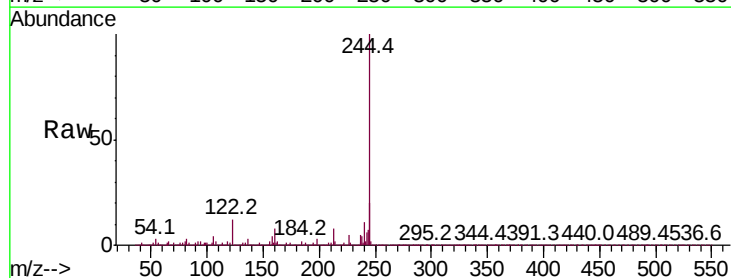
Instrument :
BNA_P
ClientSampleId :
6FT-TP-5

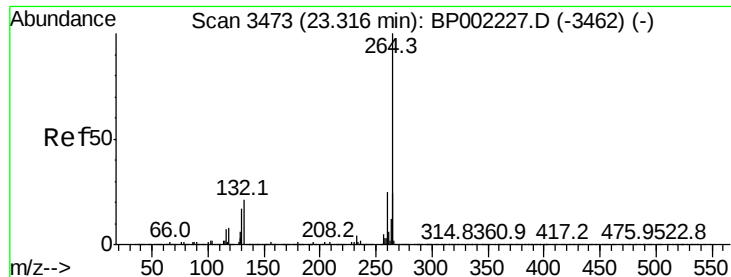
Tot Ion:240 Resp: 1400416
Ion Ratio Lower Upper
240 100
120 13.8 9.4 14.0
236 27.9 21.8 32.6



#79
Terphenyl-d14
Concen: 69.671 ng
RT: 19.60 min Scan# 2841
Delta R.T. 0.00 min
Lab File: BP002240.D
Acq: 05 May 2020 17:02

Tgt Ion:244 Resp: 3981397
Ion Ratio Lower Upper
244 100
212 7.7 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: BP002240.D
Acq: 05 May 2020 17:02

Instrument :
BNA_P
ClientSampleId :
6FT-TP-5

Tot Ion:264 Resp: 1630138

Ion	Ratio	Lower	Upper
264	100		
260	23.4	20.4	30.6
265	20.8	19.0	28.4

