

Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP050520\
 Data File : BP002243.D
 Acq On : 05 May 2020 18:44
 Operator : CG/JU
 Sample : L2483-14
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 6FT-TP-7

Quant Time: May 05 19:17:17 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

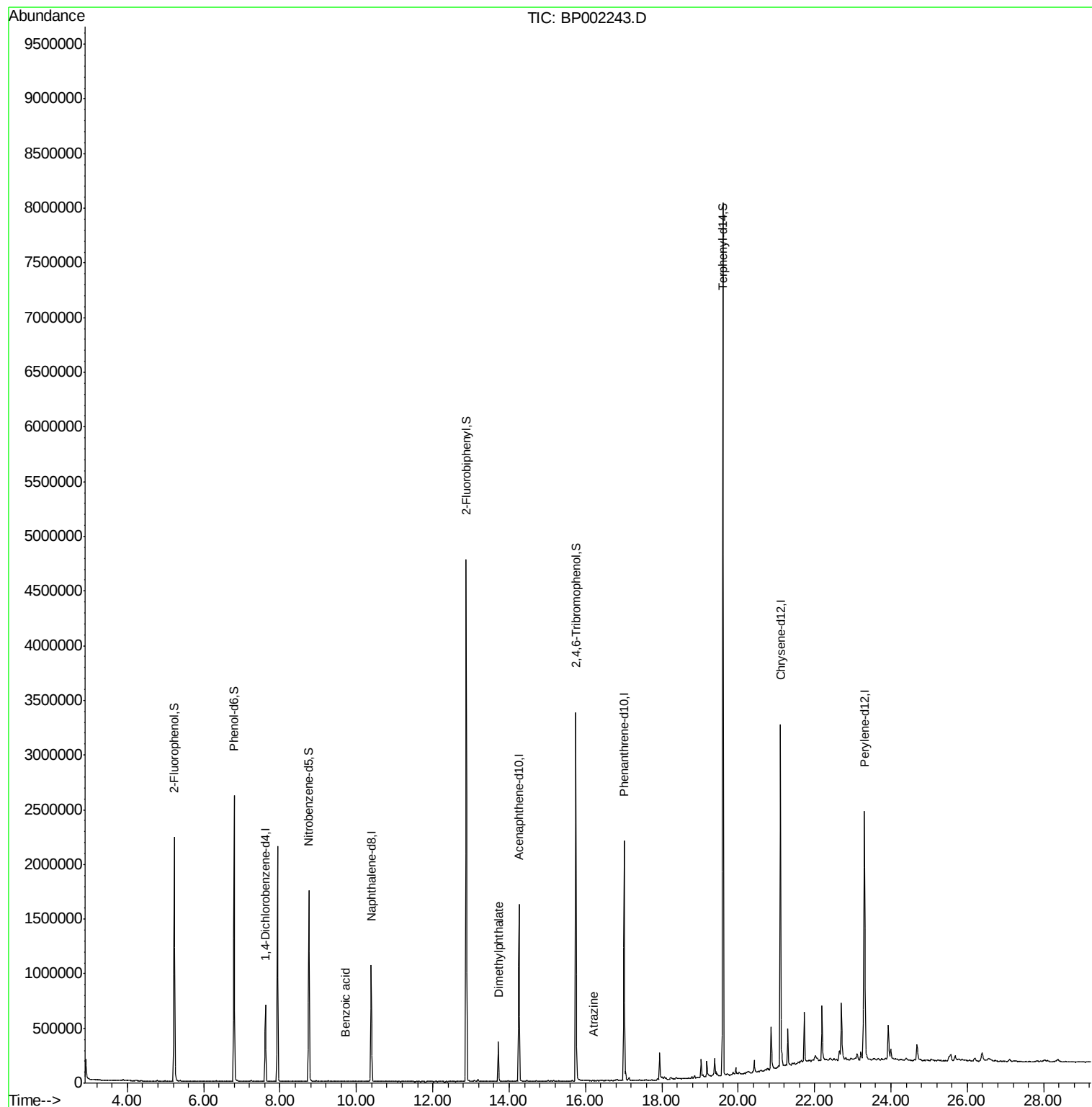
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	184773	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	862801	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	544894	20.00	ng	0.00
64) Phenanthrene-d10	17.01	188	1239108	20.00	ng	0.00
76) Chrysene-d12	21.10	240	1396993	20.00	ng	-0.01
87) Perylene-d12	23.31	264	1509526	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1018168	90.90	ng	0.00
7) Phenol-d6	6.79	99	1526691	92.79	ng	0.00
23) Nitrobenzene-d5	8.75	82	1007834	60.32	ng	0.00
42) 2,4,6-Tribromophenol	15.75	330	580258	100.61	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	2418144	62.15	ng	0.00
79) Terphenyl-d14	19.59	244	3812242	66.87	ng	0.00
Target Compounds						
9) Benzaldehyde	6.73	77	167	Below Cal	Qvalue #	42
32) Benzoic acid	9.72	122	56	6.350 ng	#	1
50) Dimethylphthalate	13.72	163	231522	5.391 ng		100
61) 4-Chlorophenyl-phenylether	15.12	204	25	Below Cal		96
69) Atrazine	16.20	200	6	2.263 ng		79
77) Benzidine	19.22	184	84	Below Cal	#	1

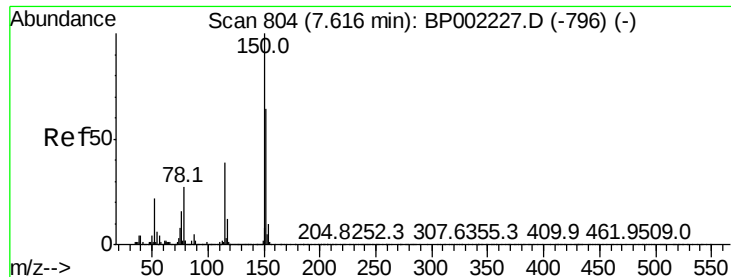
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 05 13:34:25 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.62 min Scan# 804

Delta R.T. 0.00 min

Lab File: BP002243.D

Acq: 05 May 2020 18:44

Instrument :

BNA_P

ClientSampleId :

6FT-TP-7

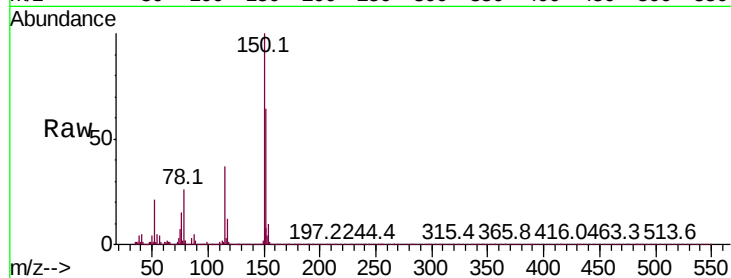
Tot Ion:152 Resp: 184773

Ion Ratio Lower Upper

152 100

150 156.1 125.3 187.9

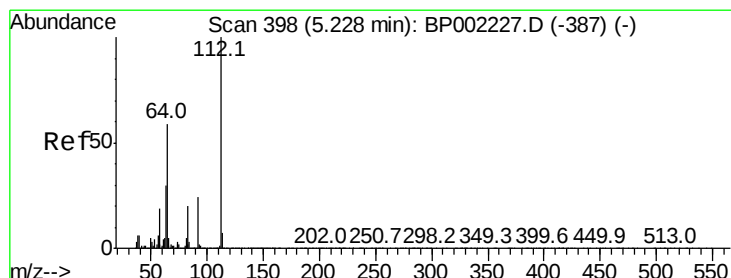
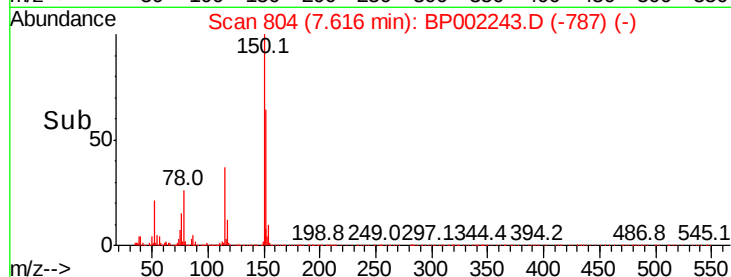
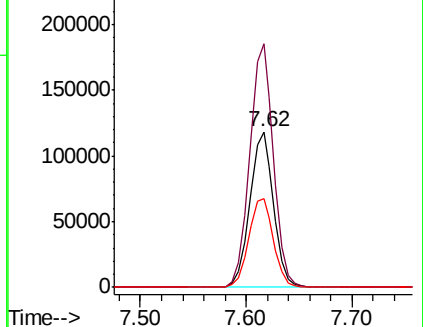
115 57.2 48.3 72.5



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: 90.904 ng

RT: 5.23 min Scan# 398

Delta R.T. 0.00 min

Lab File: BP002243.D

Acq: 05 May 2020 18:44

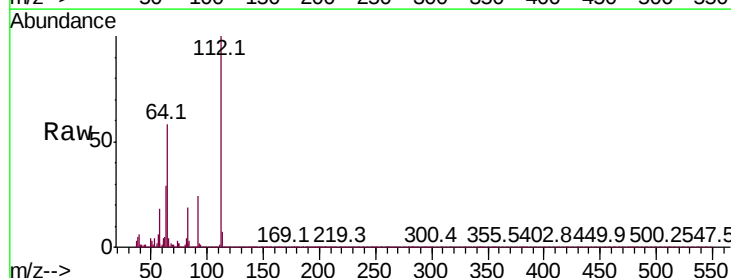
Tgt Ion:112 Resp: 1018168

Ion Ratio Lower Upper

112 100

64 57.7 46.9 70.3

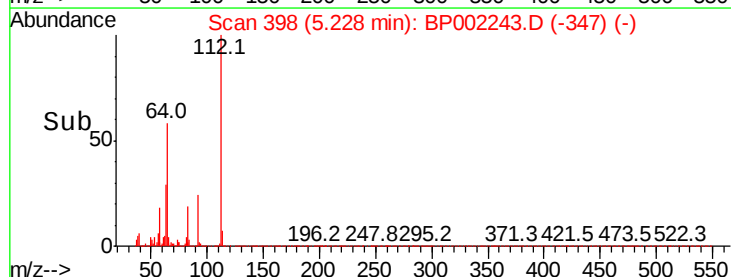
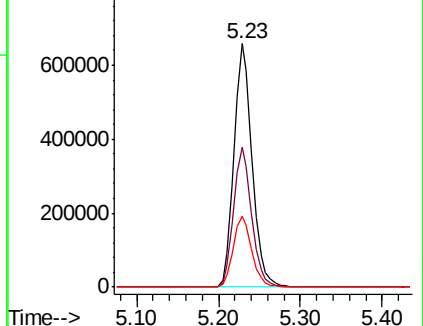
63 29.2 24.3 36.5

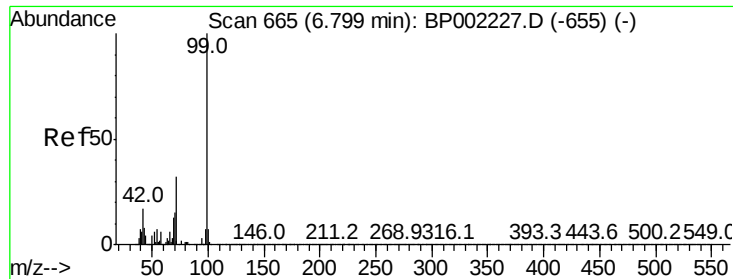


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 92.792 ng

RT: 6.79 min Scan# 664

Delta R.T. 0.00 min

Lab File: BP002243.D

Acq: 05 May 2020 18:44

Instrument :

BNA_P

ClientSampleId :

6FT-TP-7

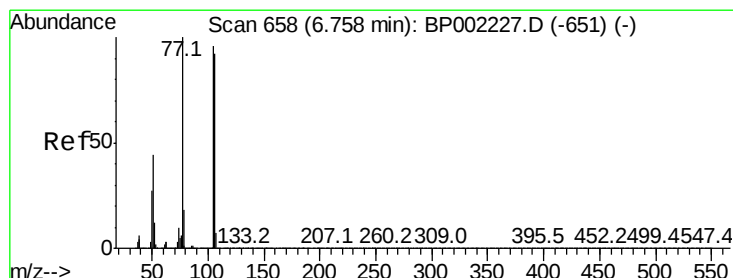
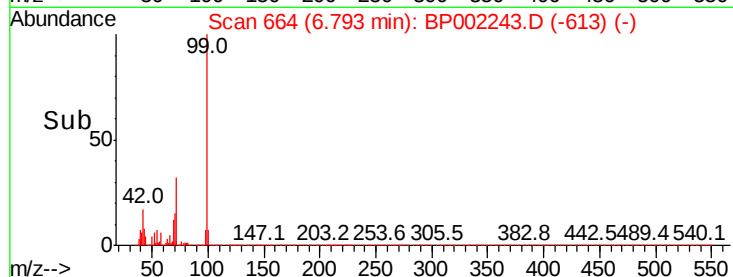
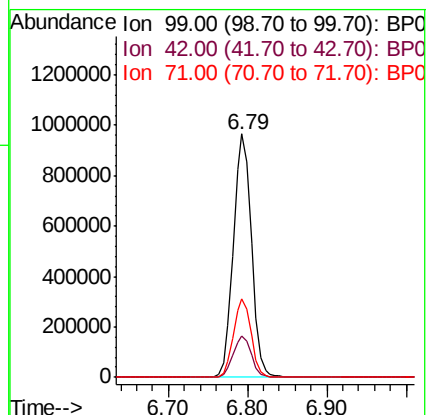
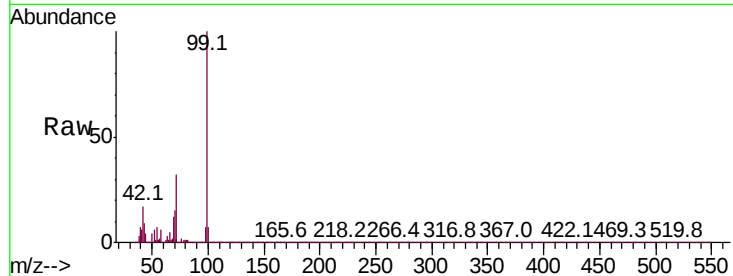
Tot Ion: 99 Resp: 1526691

Ion Ratio Lower Upper

99 100

42 17.2 14.0 21.0

71 32.1 25.9 38.9



#9

Benzaldehyde

Concen: Below Cal

RT: 6.73 min Scan# 654

Delta R.T. -0.02 min

Lab File: BP002243.D

Acq: 05 May 2020 18:44

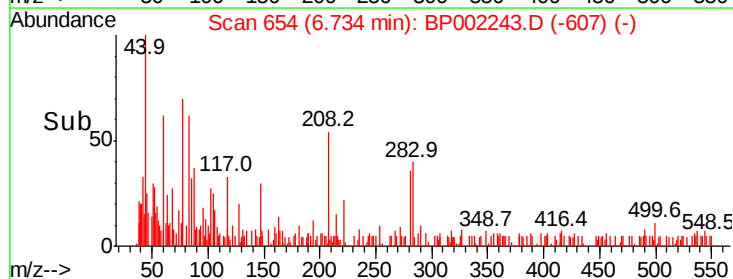
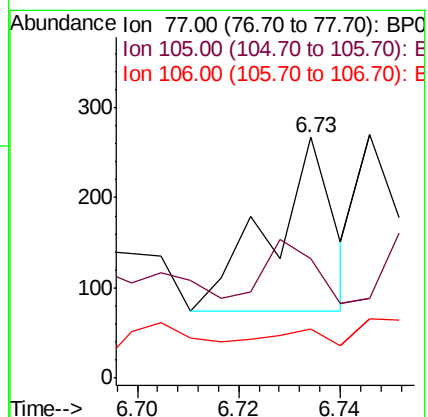
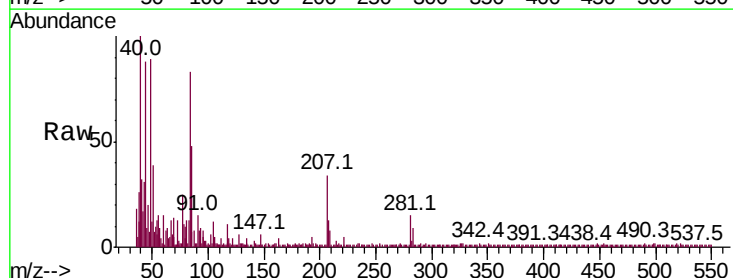
Tgt Ion: 77 Resp: 167

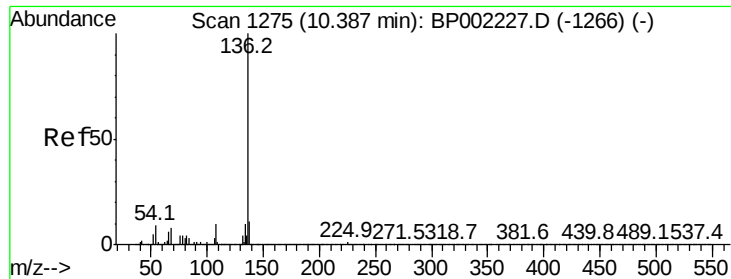
Ion Ratio Lower Upper

77 100

105 49.8 76.0 116.0#

106 26.6 71.6 111.6#

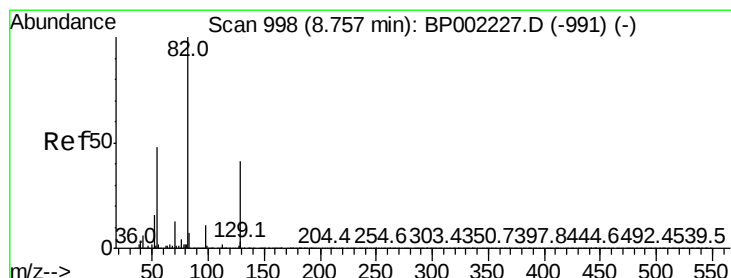
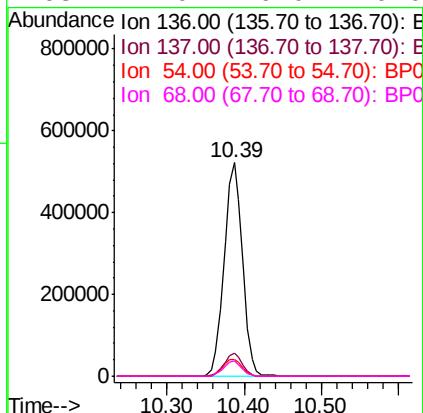
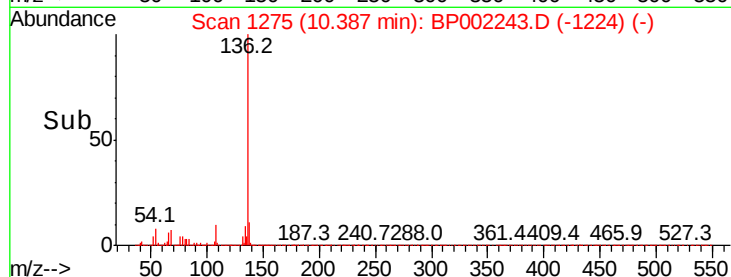
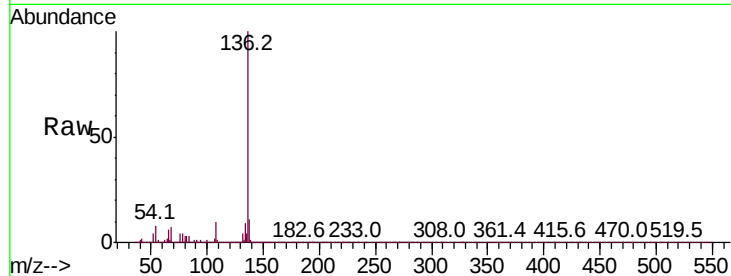




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1275
Delta R.T. 0.00 min
Lab File: BP002243.D
Acq: 05 May 2020 18:44

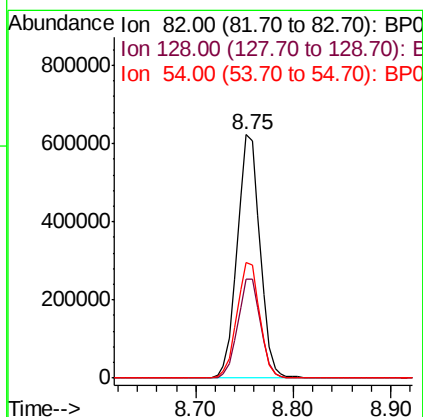
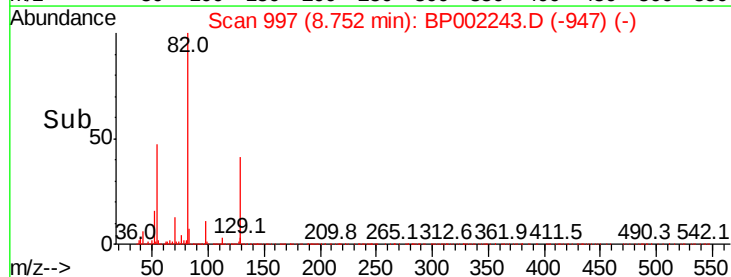
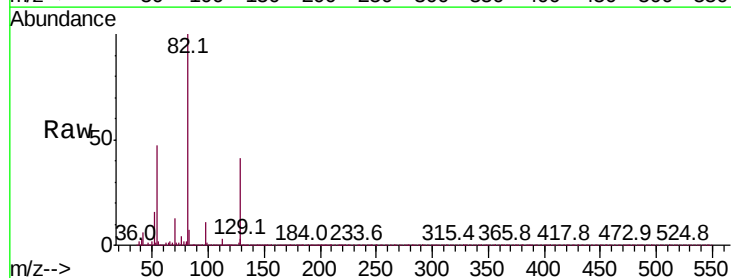
Instrument :
BNA_P
ClientSampleId :
6FT-TP-7

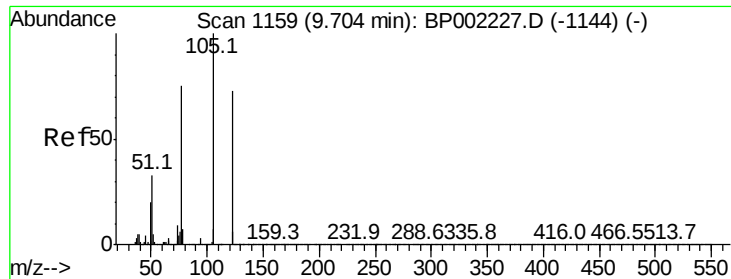
Tot Ion:136	Resp:	862801
Ion	Ratio	Lower Upper
136	100	
137	10.8	9.0 13.6
54	8.1	7.0 10.6
68	7.0	6.0 9.0



#23
Nitrobenzene-d5
Concen: 60.323 ng
RT: 8.75 min Scan# 997
Delta R.T. -0.01 min
Lab File: BP002243.D
Acq: 05 May 2020 18:44

Tgt Ion: 82	Resp:	1007834
Ion	Ratio	Lower Upper
82	100	
128	40.5	32.4 48.6
54	47.5	38.2 57.2

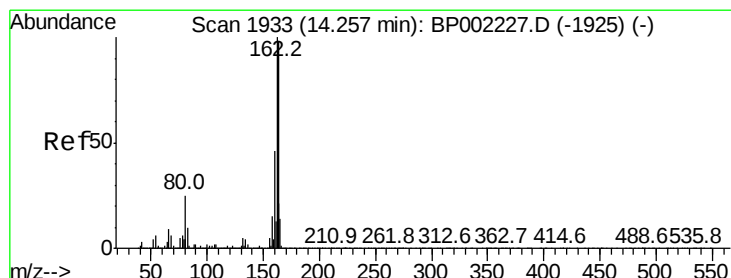
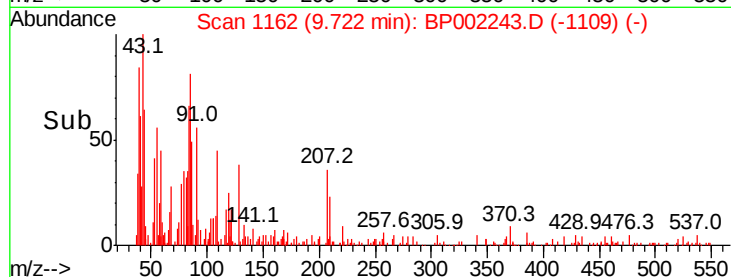
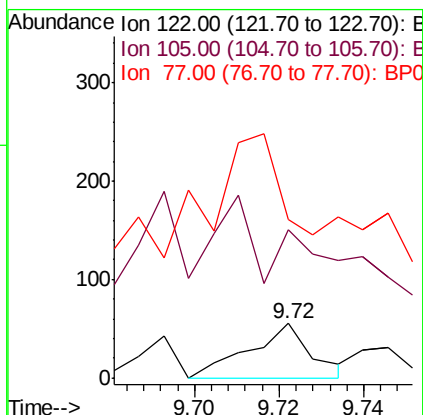
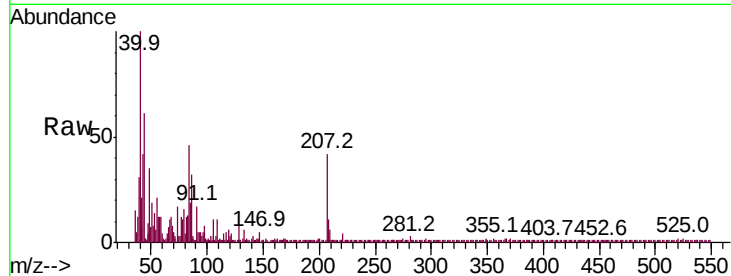




#32
Benzoic acid
Concen: 6.350 ng
RT: 9.72 min Scan# 1162
Delta R.T. 0.01 min
Lab File: BP002243.D
Acq: 05 May 2020 18:44

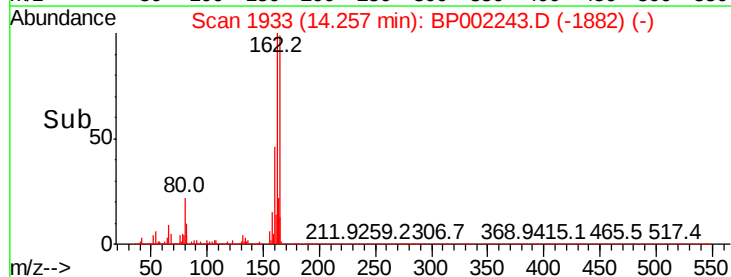
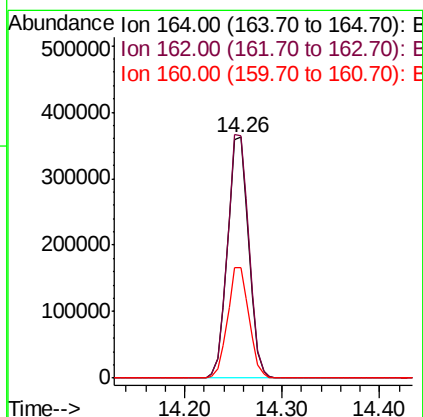
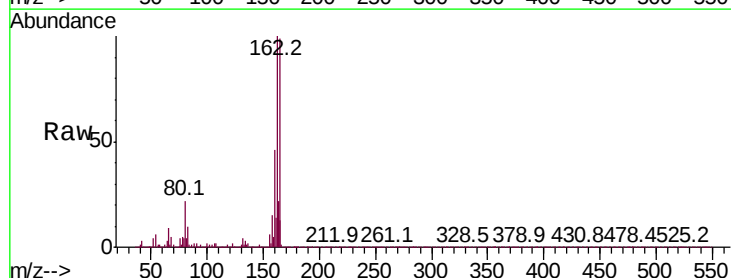
Instrument :
BNA_P
ClientSampleId :
6FT-TP-7

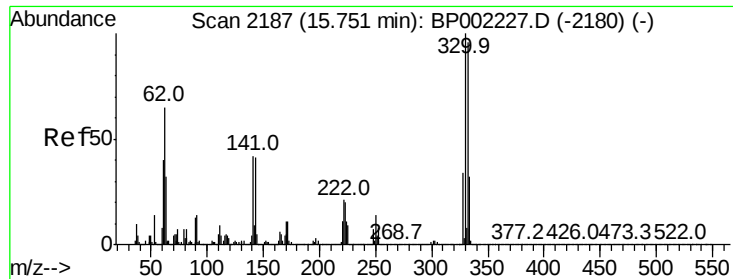
Tot Ion	Ratio	Lower	Upper
122	100		
105	274.5	108.6	148.6#
77	292.7	79.2	119.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.26 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BP002243.D
Acq: 05 May 2020 18:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.5	122.3
160	46.0	37.3	55.9

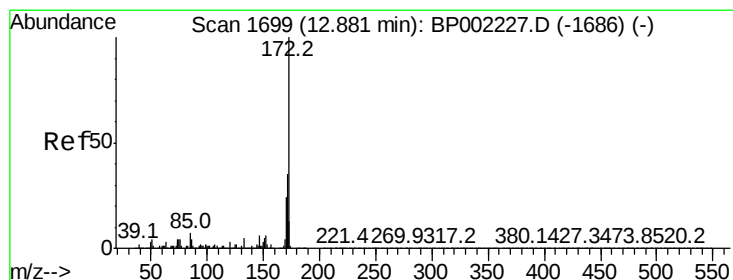
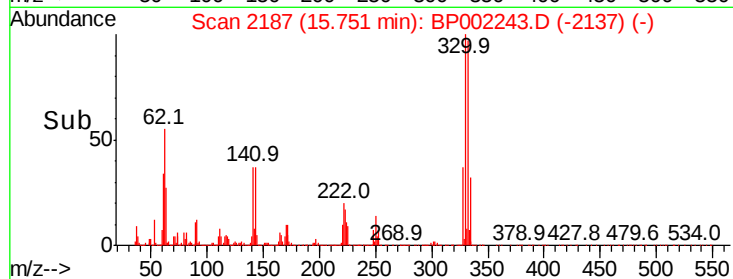
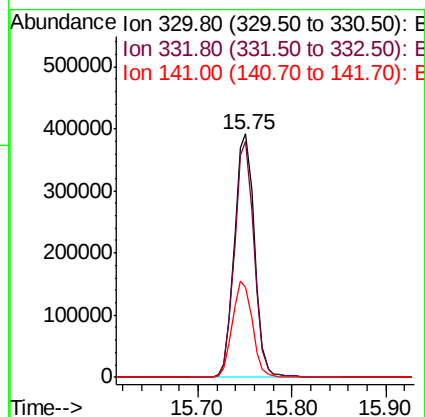
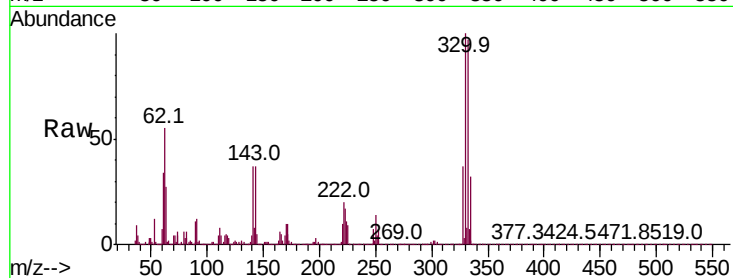




#42
2,4,6-Tribromophenol
Concen: 100.611 ng
RT: 15.75 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BP002243.D
Acq: 05 May 2020 18:44

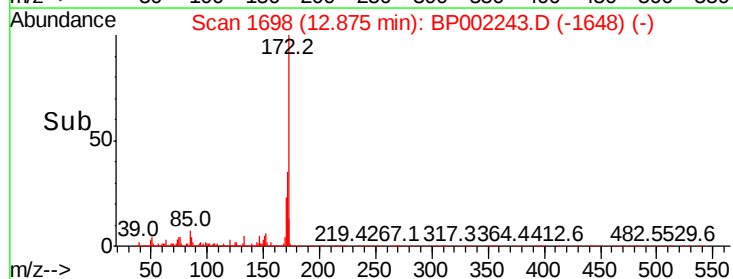
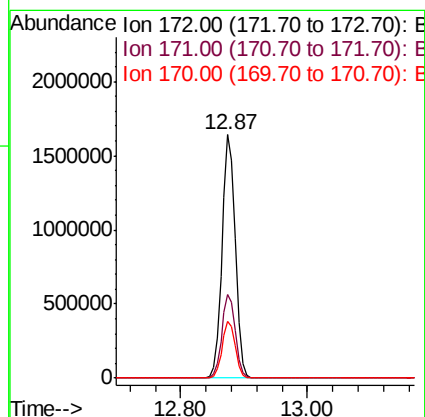
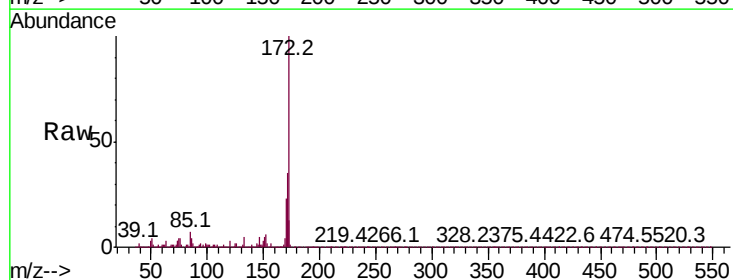
Instrument :
BNA_P
ClientSampleId :
6FT-TP-7

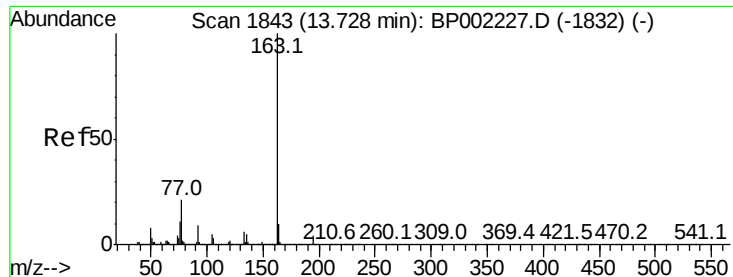
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.3	114.5
141	39.6	32.0	48.0



#45
2-Fluorobiphenyl
Concen: 62.147 ng
RT: 12.87 min Scan# 1698
Delta R.T. -0.01 min
Lab File: BP002243.D
Acq: 05 May 2020 18:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.9	41.9
170	23.2	19.0	28.6





#50

Dimethylphthalate

Concen: 5.391 ng

RT: 13.72 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BP002243.D

Acq: 05 May 2020 18:44

Instrument :

BNA_P

ClientSampleId :

6FT-TP-7

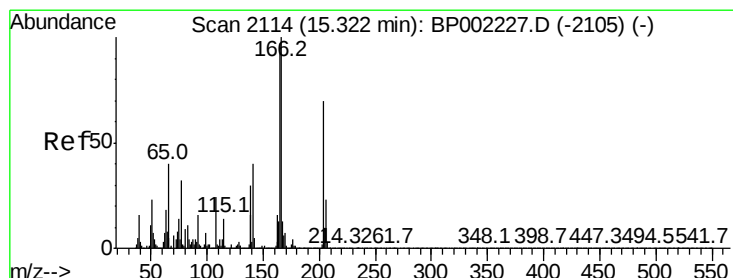
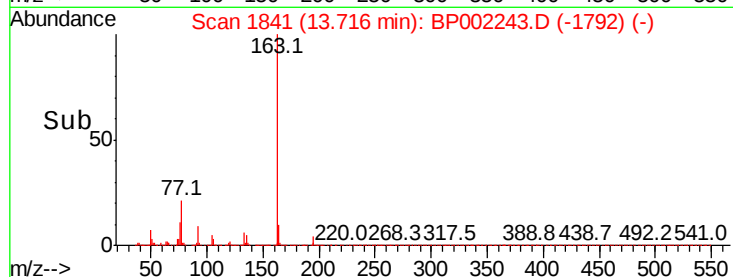
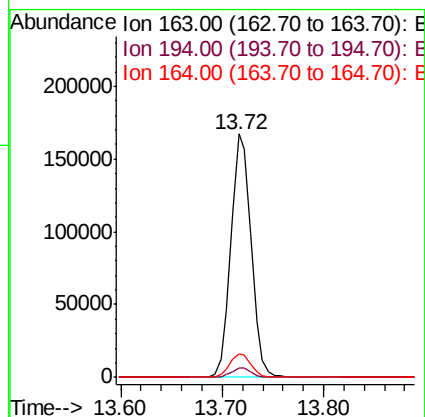
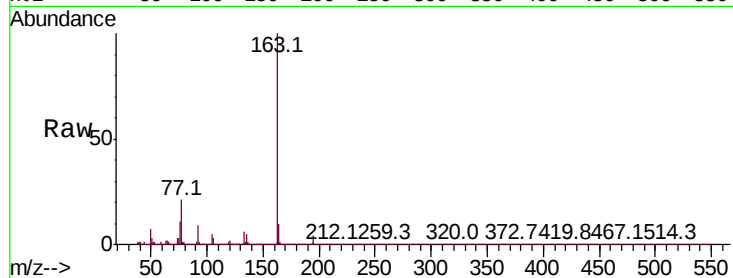
Tot Ion:163 Resp: 231522

Ion Ratio Lower Upper

163 100

194 3.7 3.3 4.9

164 9.8 7.8 11.8



#61

4-Chlorophenyl-phenylether

Concen: Below Cal

RT: 15.12 min Scan# 2080

Delta R.T. -0.20 min

Lab File: BP002243.D

Acq: 05 May 2020 18:44

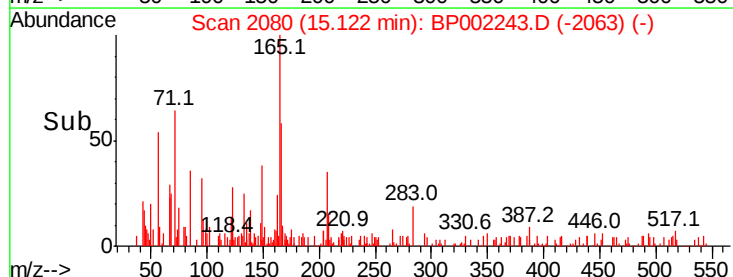
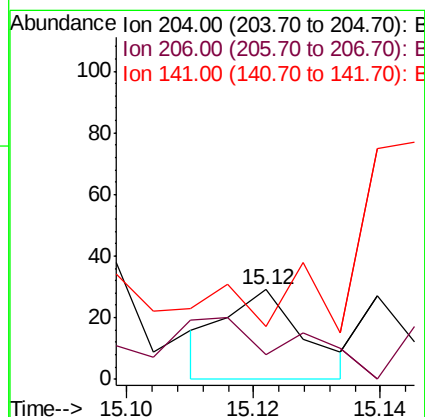
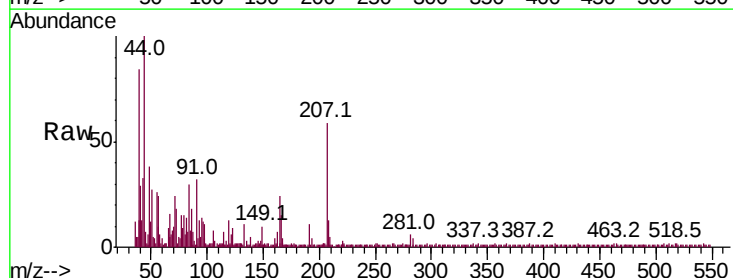
Tgt Ion:204 Resp: 25

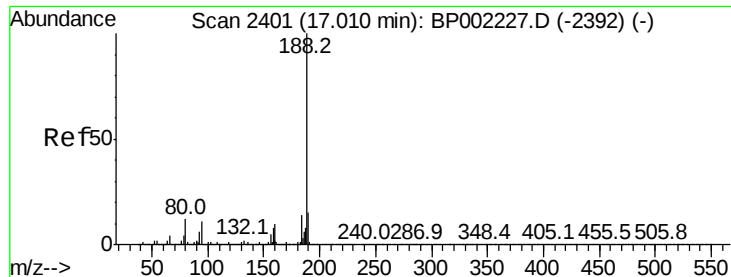
Ion Ratio Lower Upper

204 100

206 27.6 26.2 39.4

141 58.6 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: BP002243.D

Acq: 05 May 2020 18:44

Instrument :

BNA_P

ClientSampleId :

6FT-TP-7

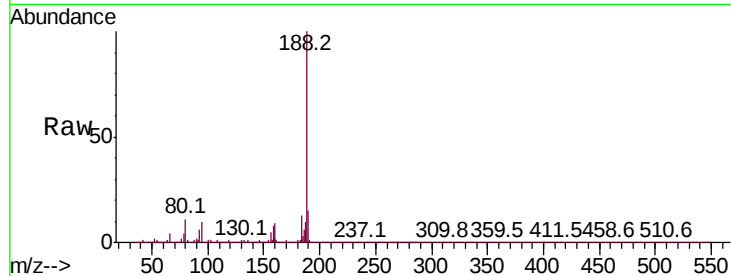
Tot Ion:188 Resp: 1239108

Ion Ratio Lower Upper

188 100

94 10.4 9.0 13.4

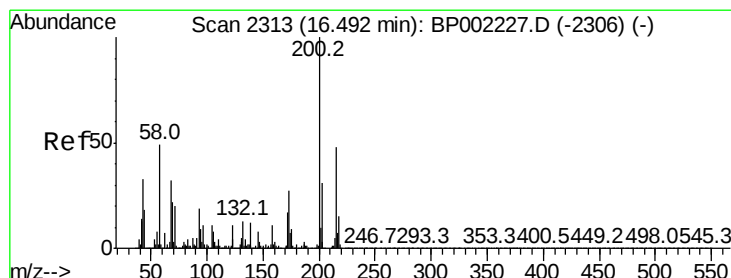
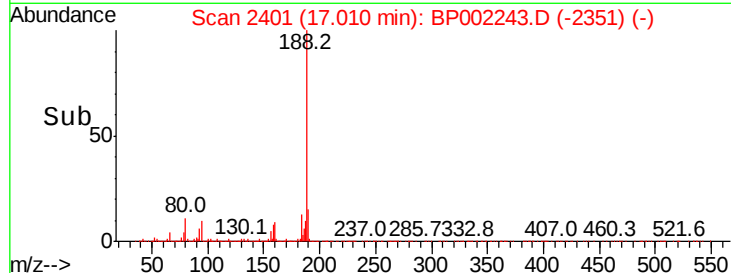
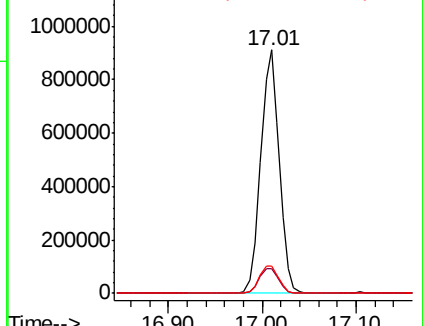
80 11.1 9.8 14.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BPO

Ion 80.00 (79.70 to 80.70): BPO



#69

Atrazine

Concen: 2.263 ng

RT: 16.20 min Scan# 2264

Delta R.T. -0.29 min

Lab File: BP002243.D

Acq: 05 May 2020 18:44

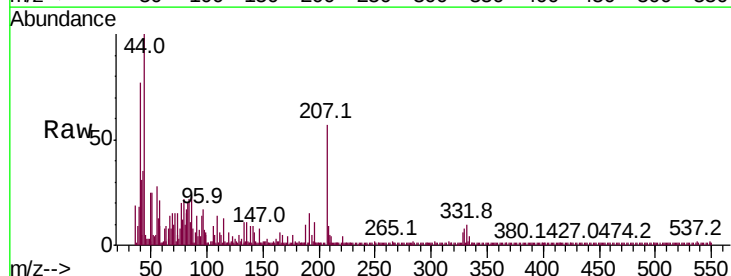
Tgt Ion:200 Resp: 6

Ion Ratio Lower Upper

200 100

173 22.2 6.6 46.6

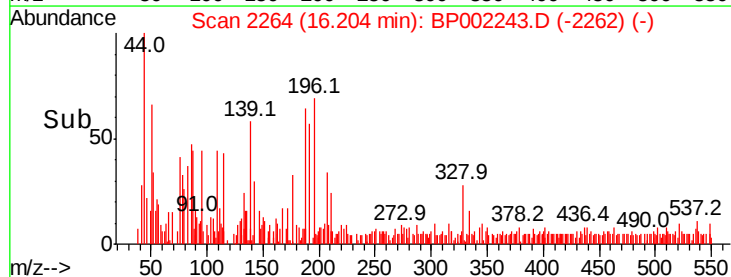
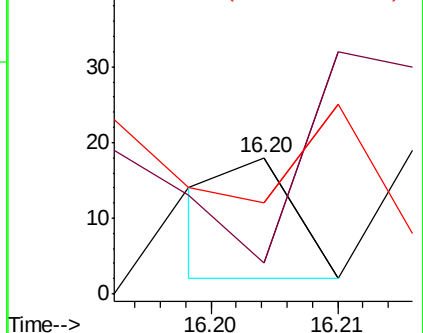
215 66.7 27.7 67.7

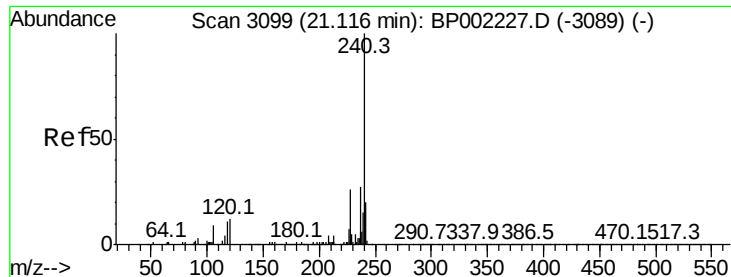


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



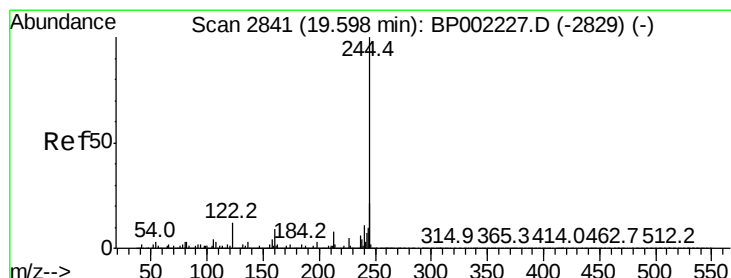
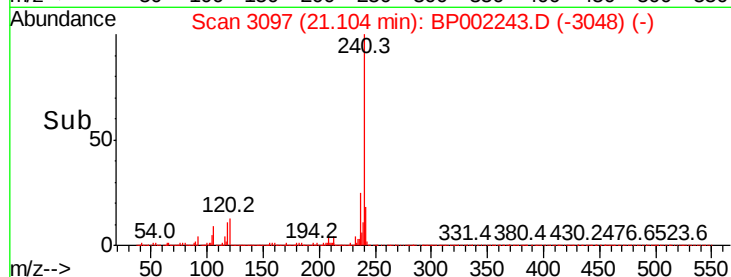
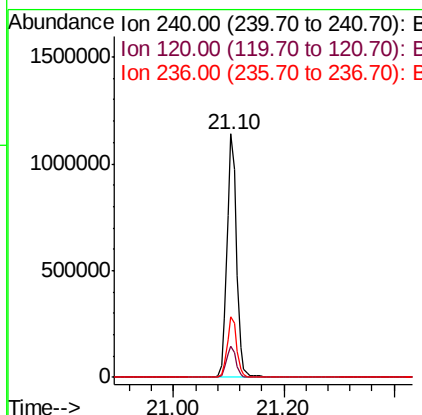
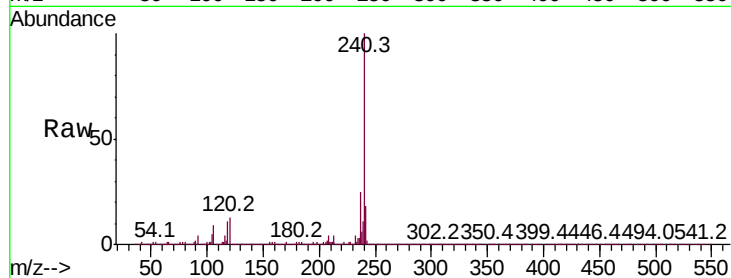


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.10 min Scan# 3097
 Delta R.T. -0.01 min
 Lab File: BP002243.D
 Acq: 05 May 2020 18:44

Instrument :
 BNA_P
 ClientSampleId :
 6FT-TP-7

Tot Ion:240 Resp: 1396993

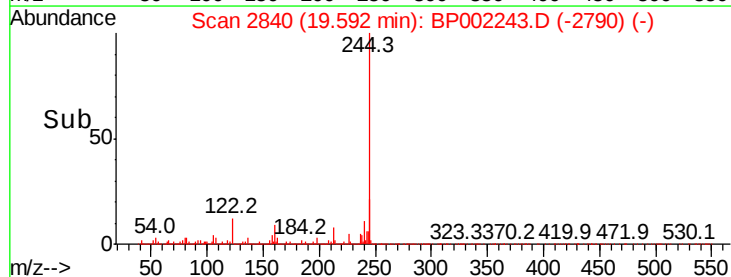
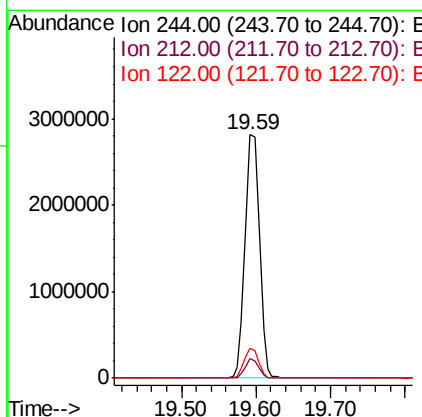
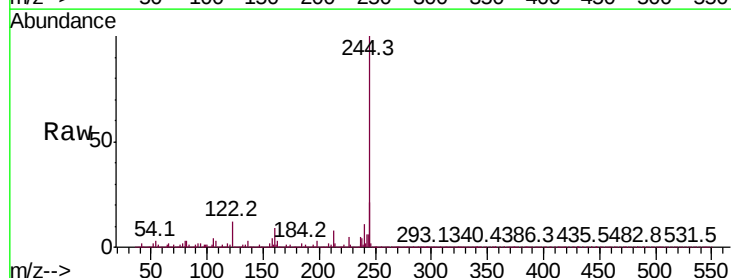
Ion	Ratio	Lower	Upper
240	100		
120	12.8	9.4	14.0
236	24.7	21.8	32.6

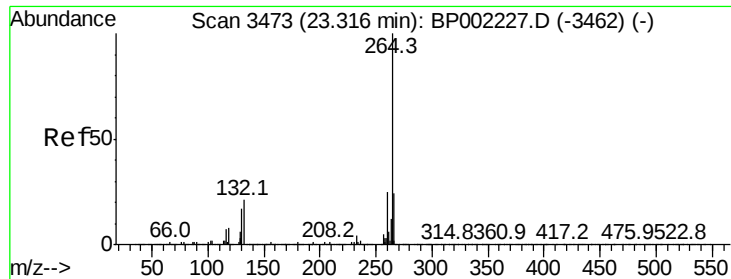


#79
 Terphenyl-d14
 Concen: 66.875 ng
 RT: 19.59 min Scan# 2840
 Delta R.T. -0.01 min
 Lab File: BP002243.D
 Acq: 05 May 2020 18:44

Tgt Ion:244 Resp: 3812242

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.6	9.8
122	12.5	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: BP002243.D
Acq: 05 May 2020 18:44

Instrument :
BNA_P
ClientSampleId :
6FT-TP-7

Tot Ion:264 Resp: 1509526

Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.4	30.6
265	23.4	19.0	28.4

