

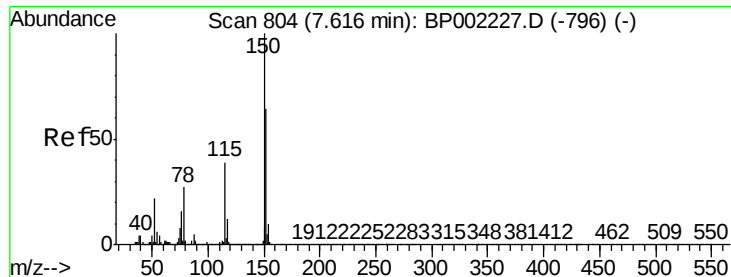
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP050520\
 Data File : BP002247.D
 Acq On : 05 May 2020 21:01
 Operator : CG/JU
 Sample : L2484-01 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: May 06 01:07:07 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	275998	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	1227490	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	768613	20.00	ng	0.00
64) Phenanthrene-d10	17.01	188	1630231	20.00	ng	0.00
76) Chrysene-d12	21.12	240	581808	20.00	ng	0.00
87) Perylene-d12	23.32	264	1033516	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	437368	26.14	ng	0.00
7) Phenol-d6	6.79	99	633766	25.79	ng	0.00
23) Nitrobenzene-d5	8.75	82	393637	16.56	ng	0.00
42) 2,4,6-Tribromophenol	15.74	330	220480	27.10	ng	-0.01
45) 2-Fluorobiphenyl	12.87	172	1046345	19.06	ng	0.00
79) Terphenyl-d14	19.60	244	635196	26.75	ng	0.00
Target Compounds						
9) Benzaldehyde	6.74	77	144	Below Cal	#	44
32) Benzoic acid	9.70	122	40	6.347 ng	#	7
61) 4-Chlorophenyl-phenylether	15.32	204	210	Below Cal	#	1
69) Atrazine	16.49	200	396	2.280 ng	#	1
77) Benzidine	19.20	184	1348	Below Cal	#	1
84) Bis(2-ethylhexyl)phthalate	21.07	149	139902	6.297 ng	#	84

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

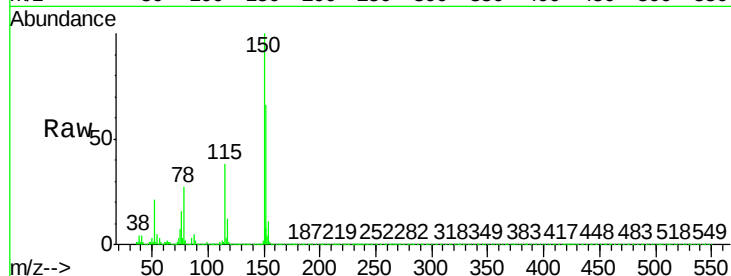


#1

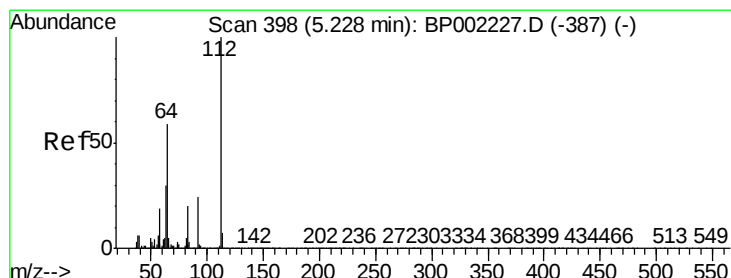
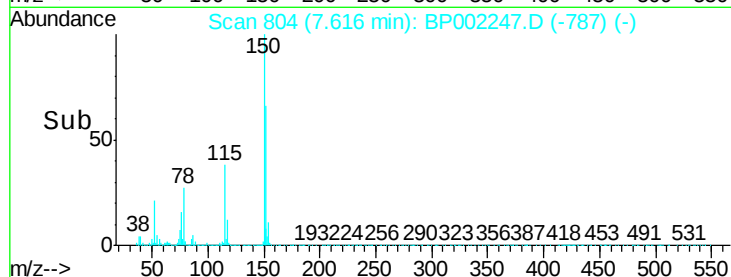
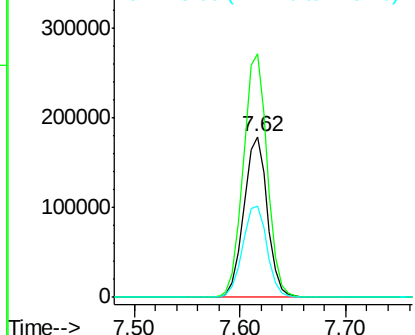
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.62 min Scan# 804
Delta R.T. -0.00 min
Lab File: BP002247.D
Acq: 05 May 2020 21:01

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.7	125.3	187.9
115	57.2	48.3	72.5



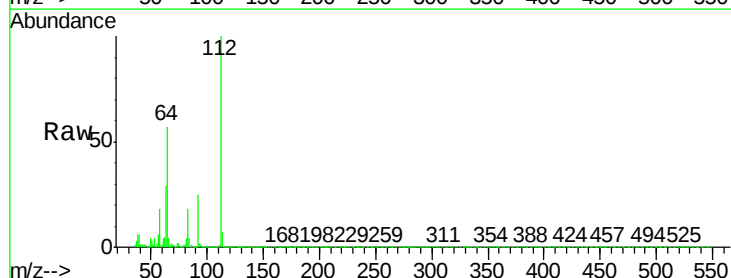
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



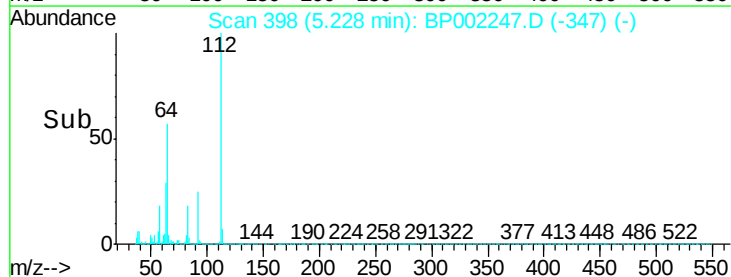
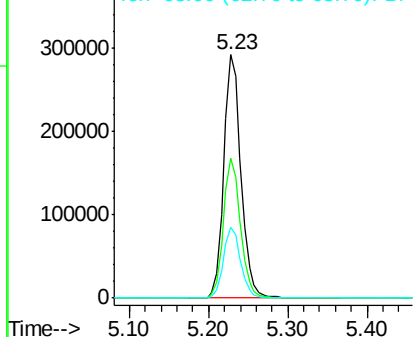
#5

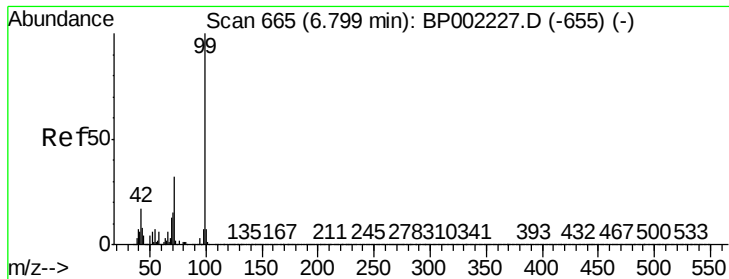
2-Fluorophenol
Concen: 26.142 ng
RT: 5.23 min Scan# 398
Delta R.T. -0.00 min
Lab File: BP002247.D
Acq: 05 May 2020 21:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.2	46.9	70.3
63	29.1	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: 25.788 ng

RT: 6.79 min Scan# 664

Delta R.T. -0.00 min

Lab File: BP002247.D

Acq: 05 May 2020 21:01

Instrument :

BNA_P

ClientSampled :

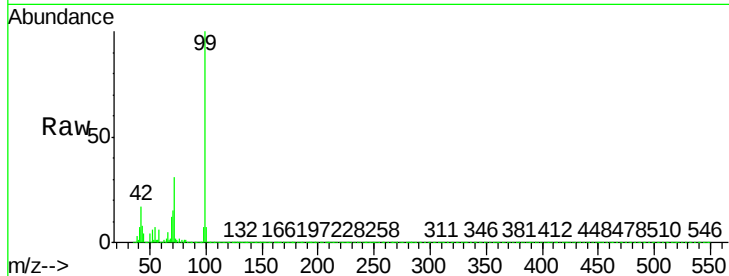
Tot Ion: 99 Resp: 633766

Ion Ratio Lower Upper

99 100

42 17.3 14.0 21.0

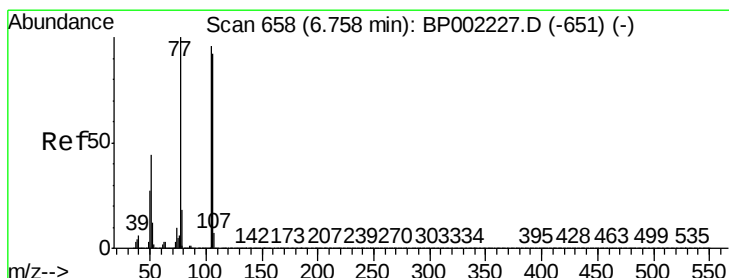
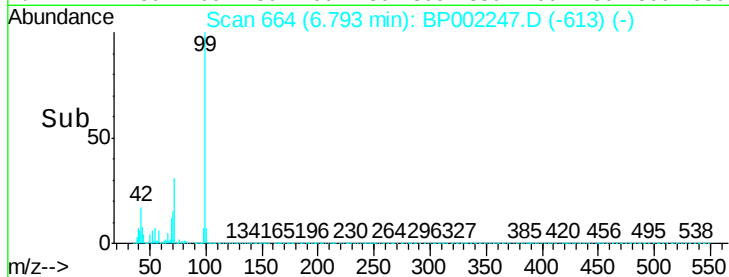
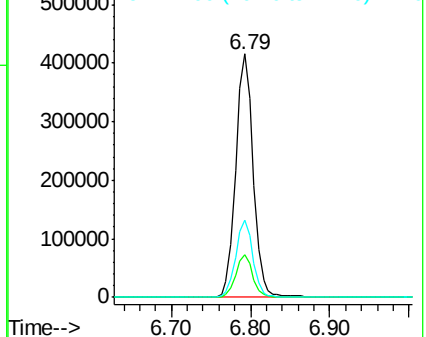
71 31.5 25.9 38.9



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: 6.74 min Scan# 655

Delta R.T. -0.02 min

Lab File: BP002247.D

Acq: 05 May 2020 21:01

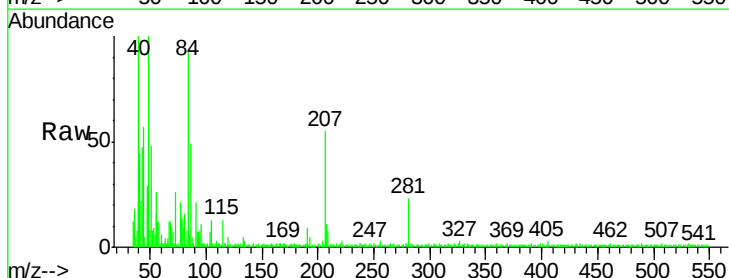
Tgt Ion: 77 Resp: 144

Ion Ratio Lower Upper

77 100

105 62.7 76.0 116.0#

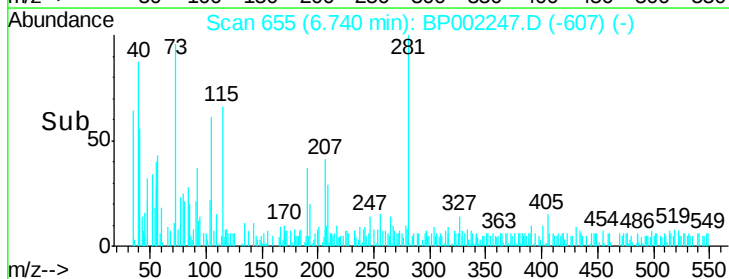
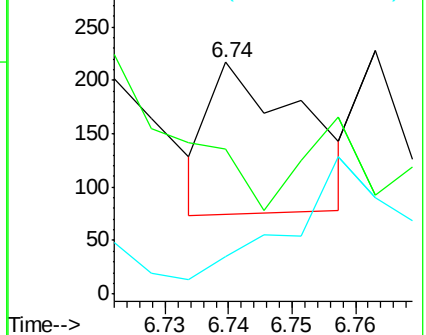
106 16.1 71.6 111.6#

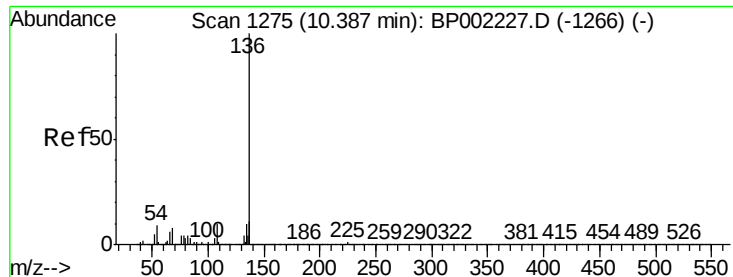


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

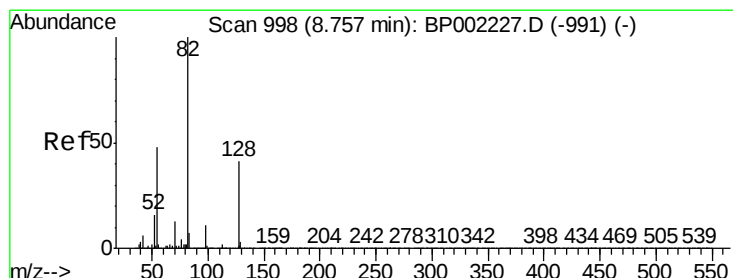
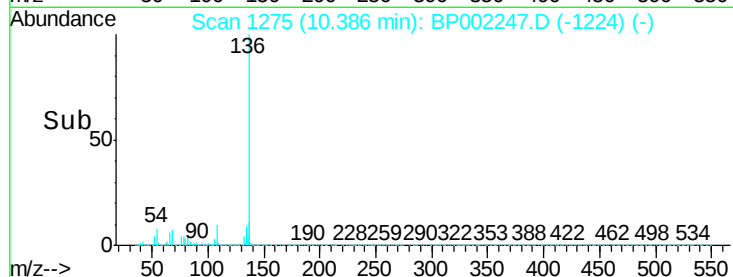
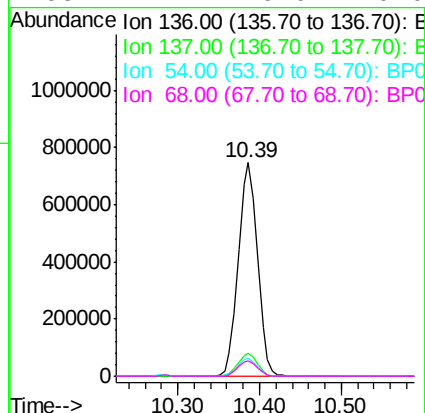
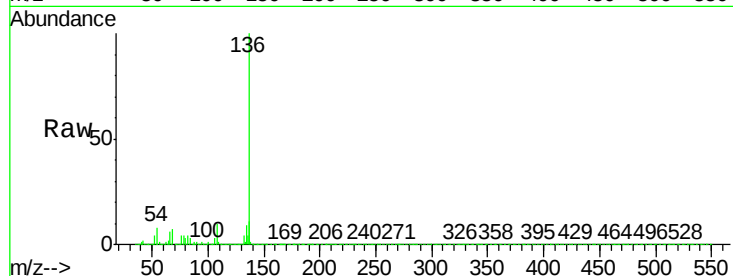




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1275
Delta R.T. -0.00 min
Lab File: BP002247.D
Acq: 05 May 2020 21:01

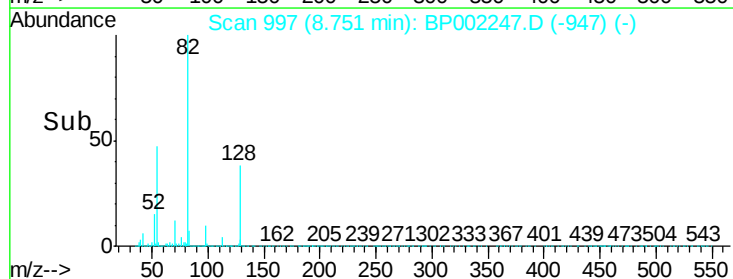
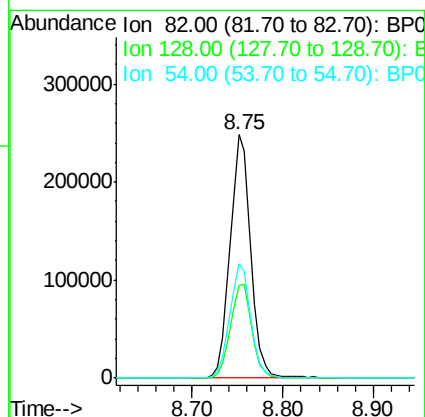
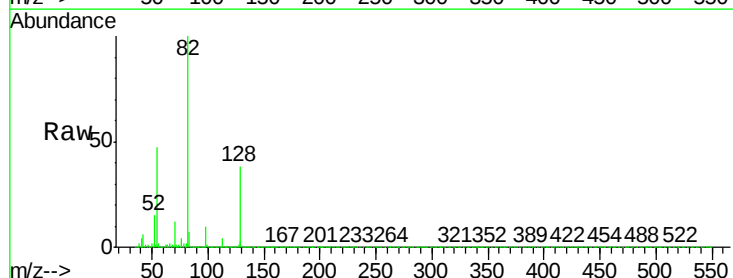
Instrument :
BNA_P
ClientSampleId :

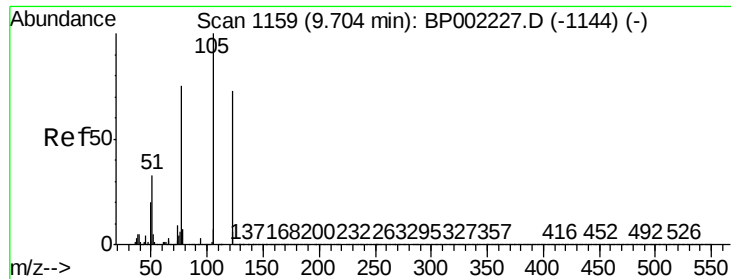
Tot Ion:136	Resp: 1227490
Ion Ratio	Lower Upper
136 100	
137 10.6	9.0 13.6
54 8.3	7.0 10.6
68 7.1	6.0 9.0



#23
Nitrobenzene-d5
Concen: 16.561 ng
RT: 8.75 min Scan# 997
Delta R.T. -0.01 min
Lab File: BP002247.D
Acq: 05 May 2020 21:01

Tgt	Ion: 82	Resp:	393637
Ion	Ratio	Lower	Upper
82	100		
128	38.1	32.4	48.6
54	46.9	38.2	57.2

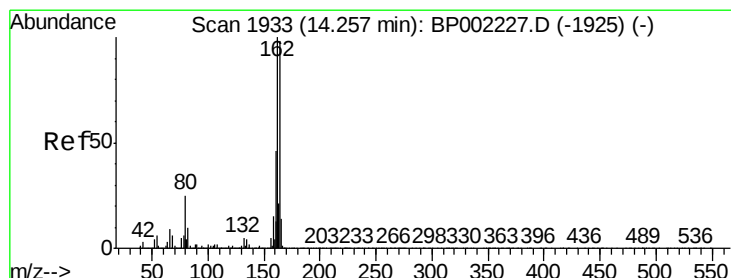
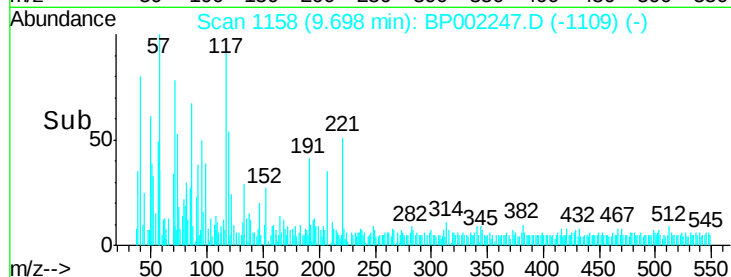
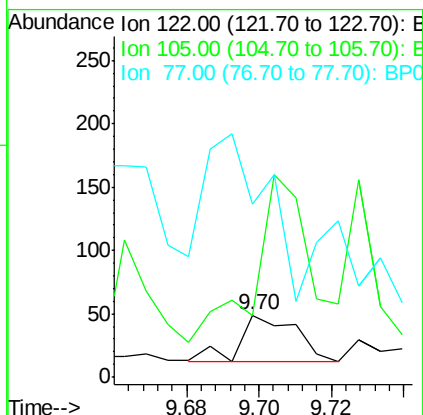
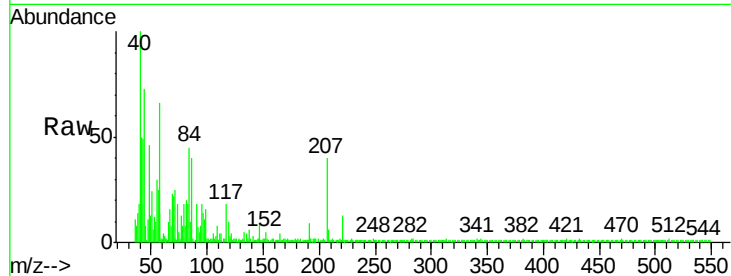




#32
Benzoic acid
Concen: 6.347 ng
RT: 9.70 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BP002247.D
Acq: 05 May 2020 21:01

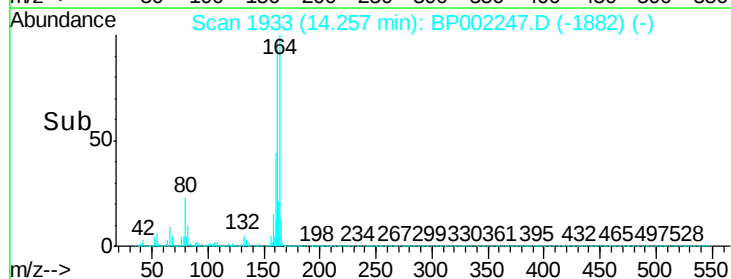
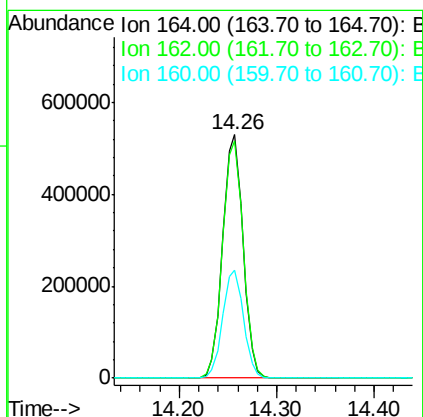
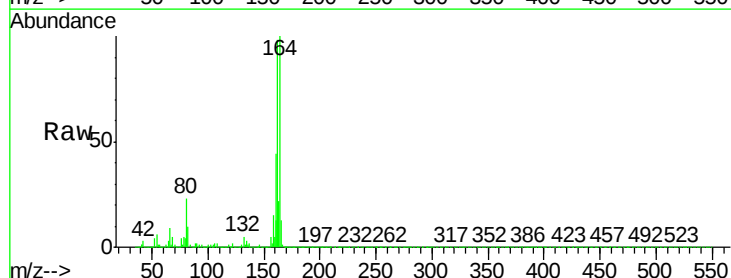
Instrument :
BNA_P
ClientSampled :

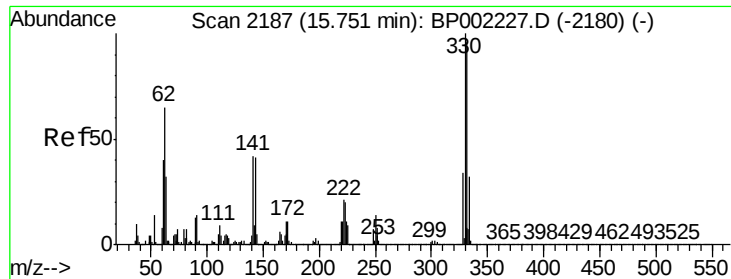
Tot Ion:122 Resp: 40
Ion Ratio Lower Upper
122 100
105 100.0 108.6 148.6#
77 279.6 79.2 119.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.26 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BP002247.D
Acq: 05 May 2020 21:01

Tgt Ion:164 Resp: 768613
Ion Ratio Lower Upper
164 100
162 97.5 81.5 122.3
160 44.3 37.3 55.9

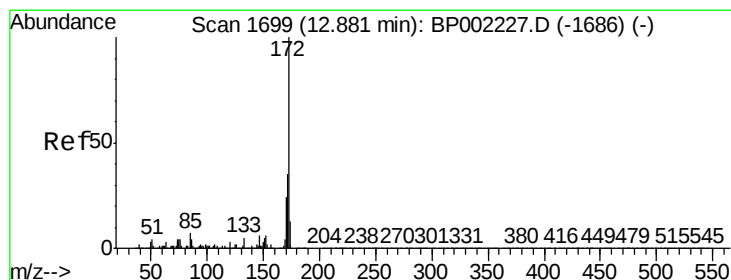
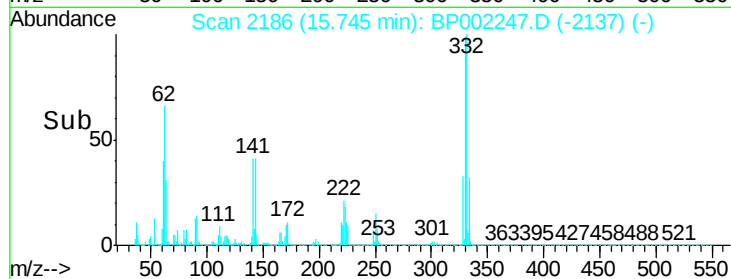
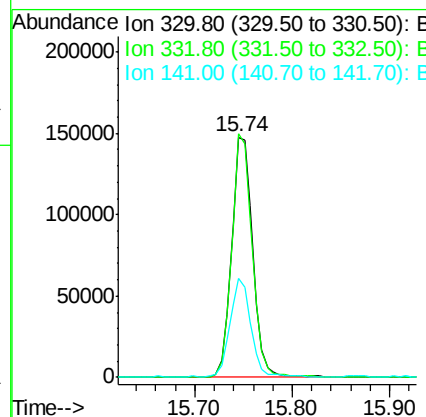
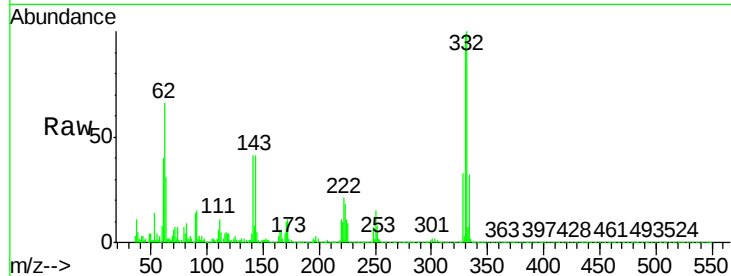




#42
2,4,6-Tribromophenol
Concen: 27.102 ng
RT: 15.74 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BP002247.D
Acq: 05 May 2020 21:01

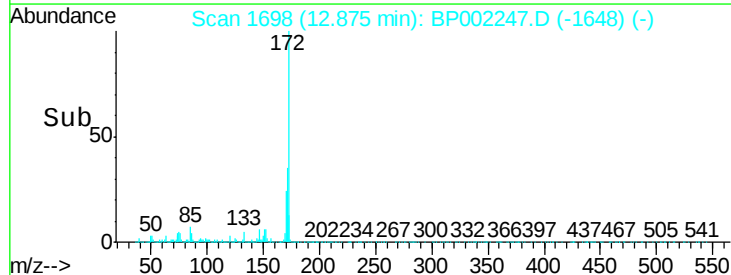
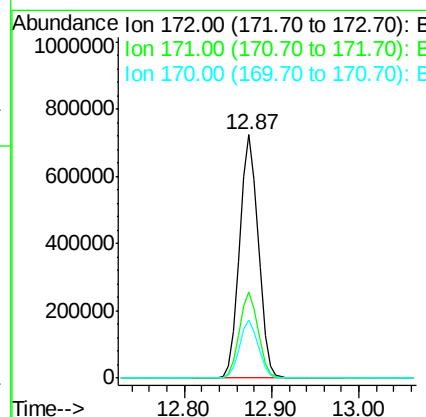
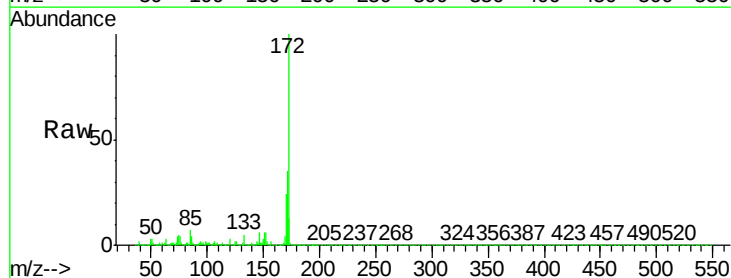
Instrument :
BNA_P
ClientSampleId :

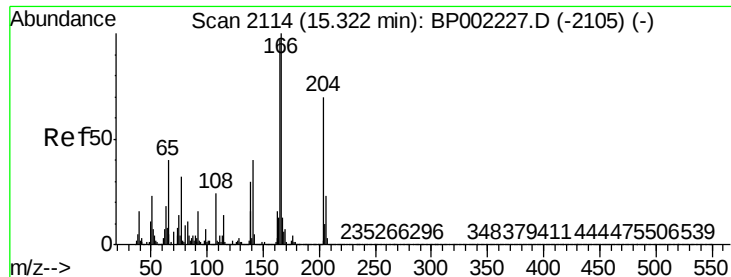
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.6	76.3	114.5
141	40.1	32.0	48.0



#45
2-Fluorobiphenyl
Concen: 19.064 ng
RT: 12.87 min Scan# 1698
Delta R.T. -0.01 min
Lab File: BP002247.D
Acq: 05 May 2020 21:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.9	41.9
170	23.8	19.0	28.6

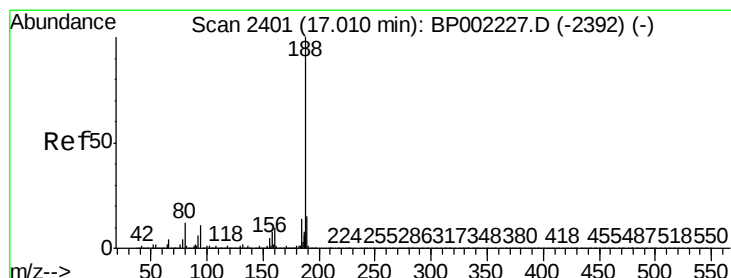
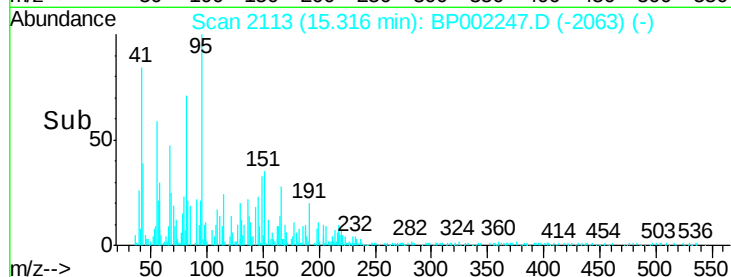
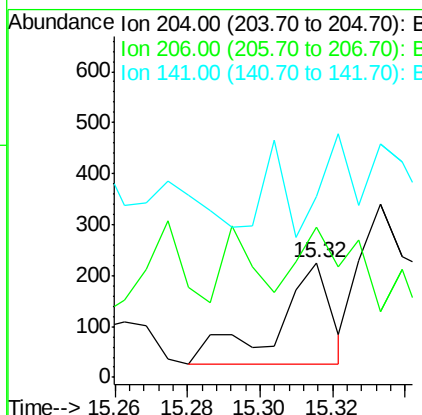
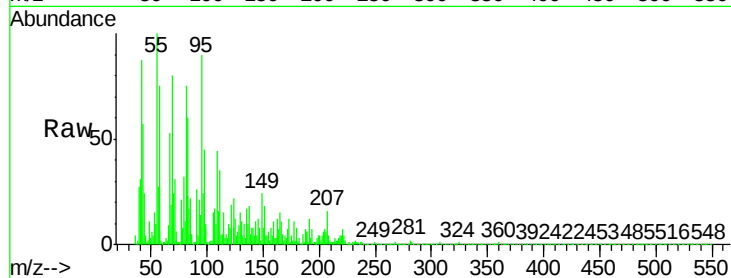




#61
4-Chlorophenyl-phenylether
Concen: Below Cal
RT: 15.32 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BP002247.D
Acq: 05 May 2020 21:01

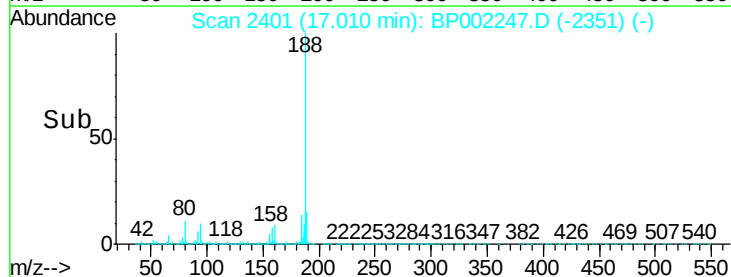
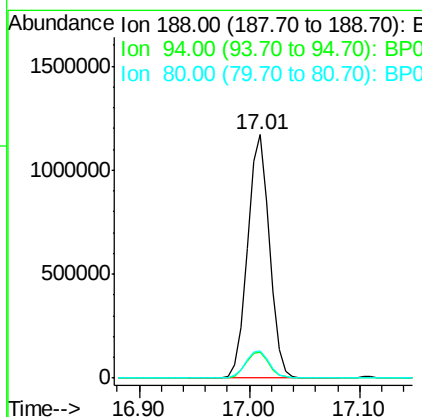
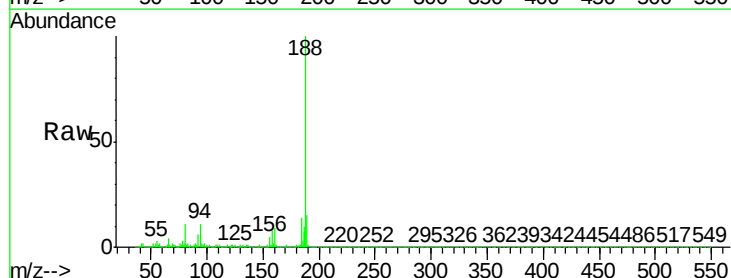
Instrument :
BNA_P
ClientSampled :

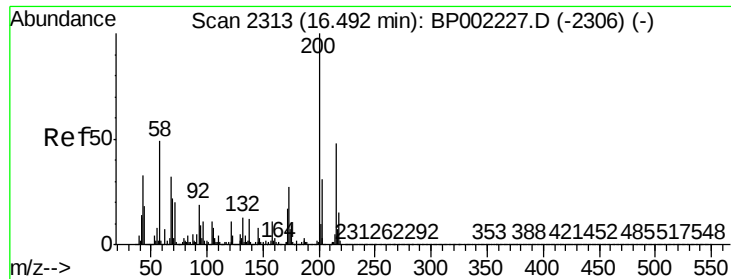
Tot Ion: 204 Resp: 210
Ion Ratio Lower Upper
204 100
206 131.6 26.2 39.4#
141 157.3 46.2 69.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.01 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BP002247.D
Acq: 05 May 2020 21:01

Tgt Ion: 188 Resp: 1630231
Ion Ratio Lower Upper
188 100
94 10.6 9.0 13.4
80 11.4 9.8 14.6





#69

Atrazine

Concen: 2.280 ng

RT: 16.49 min Scan# 2313

Delta R.T. -0.00 min

Lab File: BP002247.D

Acq: 05 May 2020 21:01

Instrument :

BNA_P

ClientSampled :

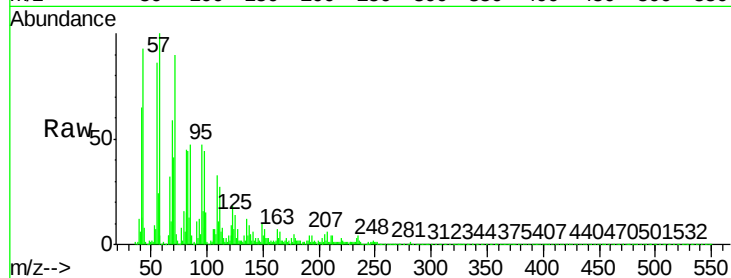
Tot Ion:200 Resp: 396

Ion Ratio Lower Upper

200 100

173 153.0 6.6 46.6#

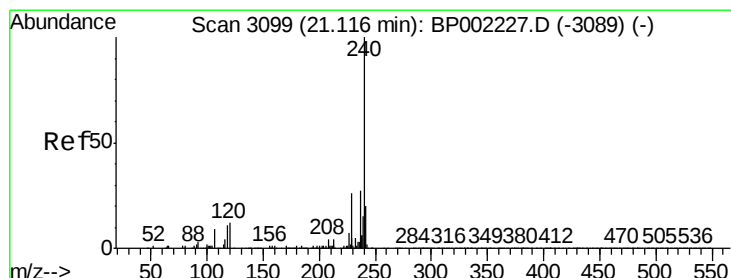
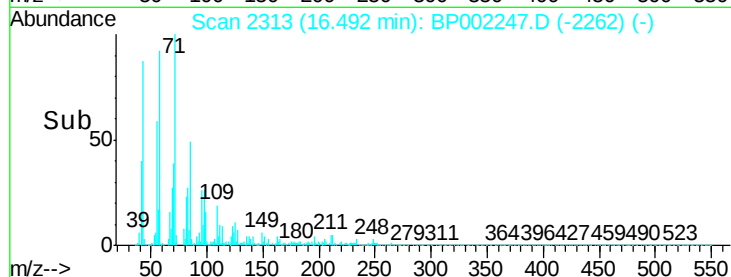
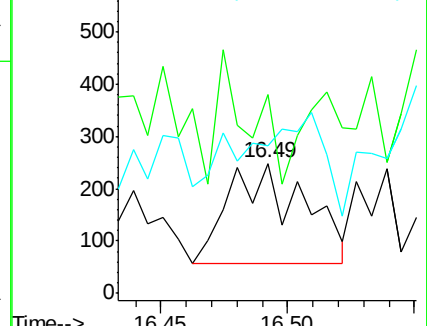
215 113.3 27.7 67.7#



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: 21.12 min Scan# 3100

Delta R.T. 0.01 min

Lab File: BP002247.D

Acq: 05 May 2020 21:01

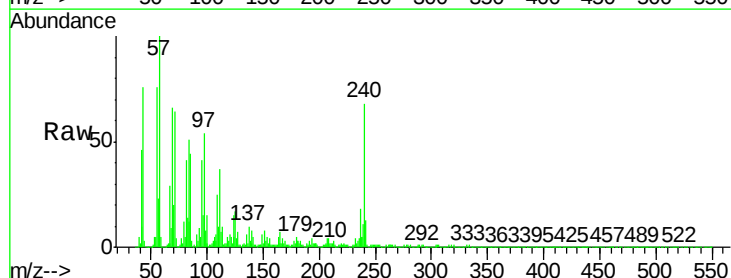
Tgt Ion:240 Resp: 581808

Ion Ratio Lower Upper

240 100

120 9.3 9.4 14.0#

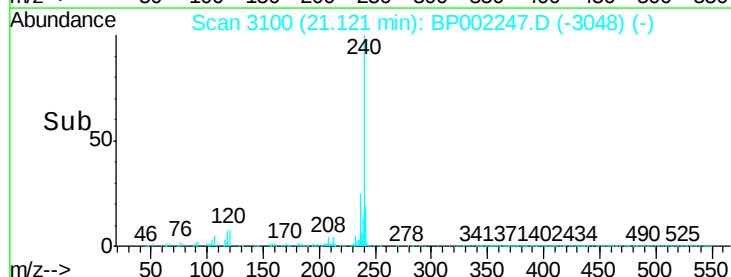
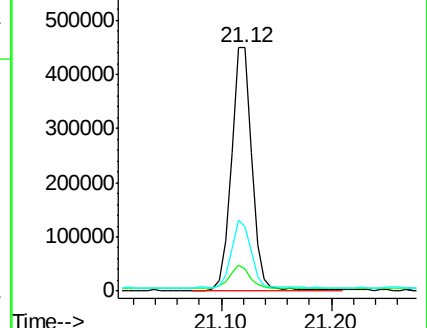
236 26.2 21.8 32.6

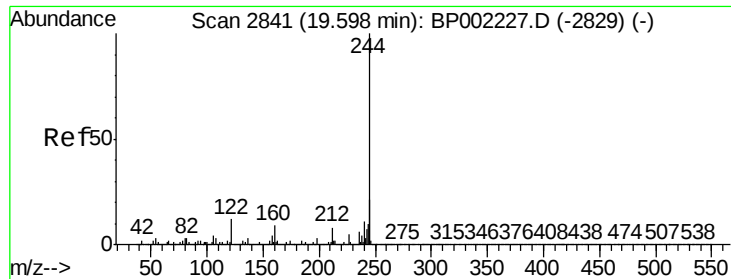


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 26.755 ng

RT: 19.60 min Scan# 2842

Delta R.T. 0.01 min

Lab File: BP002247.D

Acq: 05 May 2020 21:01

Instrument :

BNA_P

ClientSampleId :

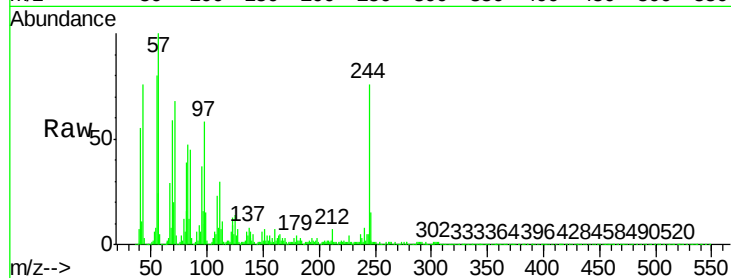
Tot Ion:244 Resp: 635196

Ion Ratio Lower Upper

244 100

212 8.6 6.6 9.8

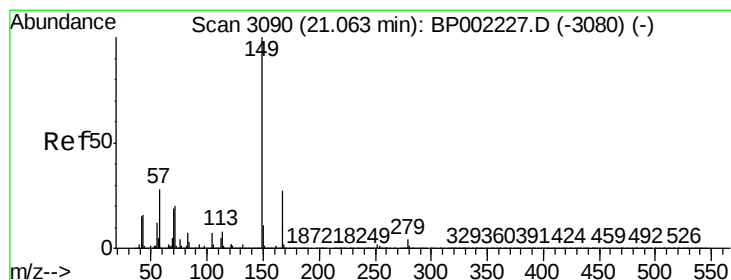
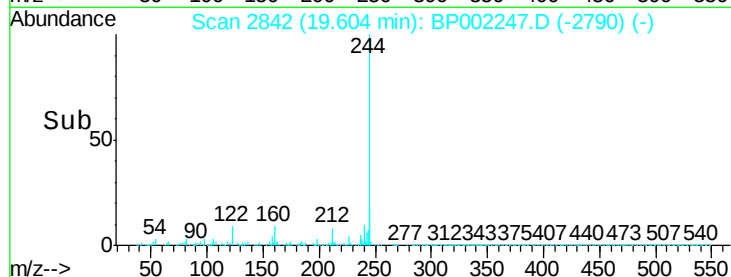
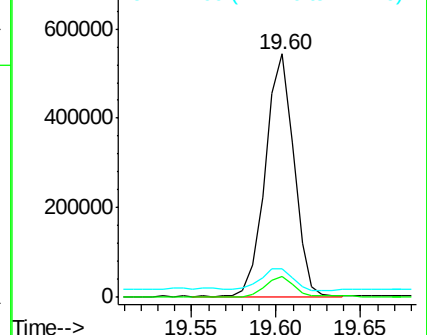
122 11.8 9.5 14.3



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 6.297 ng

RT: 21.07 min Scan# 3091

Delta R.T. 0.01 min

Lab File: BP002247.D

Acq: 05 May 2020 21:01

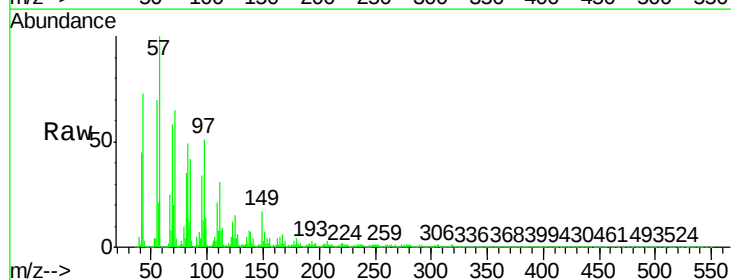
Tgt Ion:149 Resp: 139902

Ion Ratio Lower Upper

149 100

167 35.5 21.4 32.0#

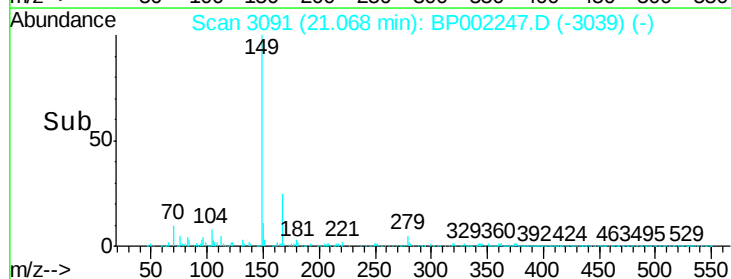
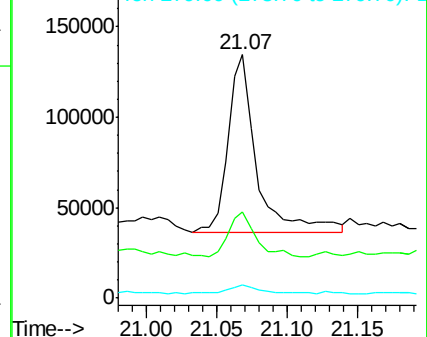
279 5.6 2.8 4.2#

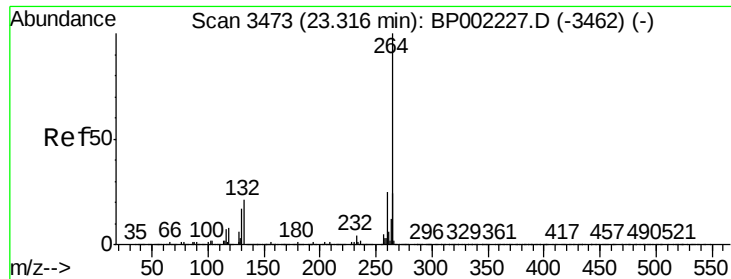


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.32 min Scan# 3474
Delta R.T. 0.01 min
Lab File: BP002247.D
Acq: 05 May 2020 21:01

Instrument :
BNA_P
ClientSampleId :

Tot Ion:264 Resp: 1033516

Ion	Ratio	Lower	Upper
264	100		
260	23.5	20.4	30.6
265	21.9	19.0	28.4

