

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP052920\
 Data File : BP002327.D
 Acq On : 29 May 2020 22:01
 Operator : CG/JU
 Sample : L2744-11 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: May 30 00:50:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP052720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 15:09:03 2020
 Response via : Initial Calibration

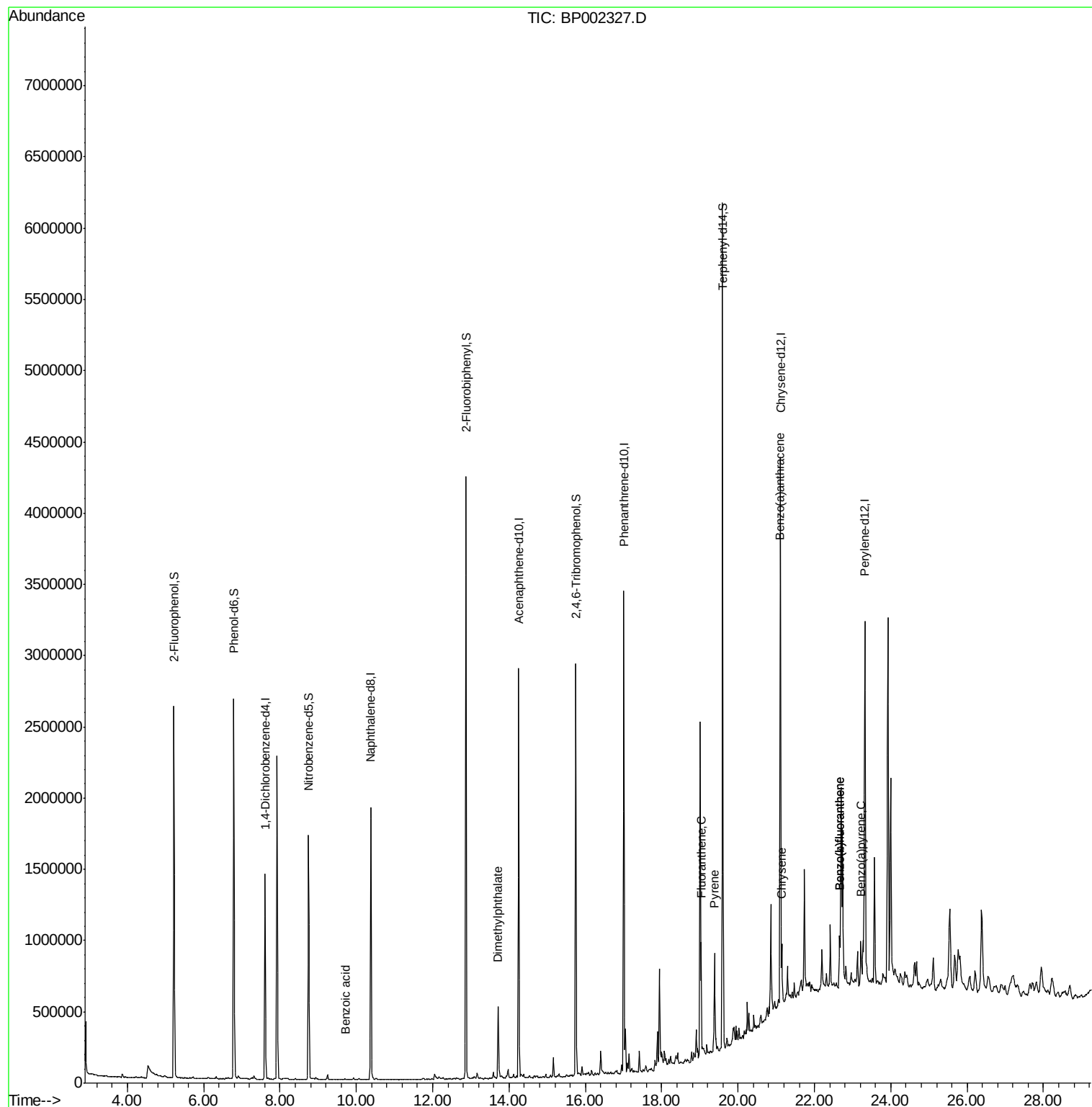
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	380794	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	1579266	20.00	ng	0.00
39) Acenaphthene-d10	14.25	164	929964	20.00	ng	0.00
64) Phenanthrene-d10	17.01	188	1916463	20.00	ng	0.00
76) Chrysene-d12	21.11	240	1707031	20.00	ng	0.00
86) Perylene-d12	23.32	264	1770368	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1117463	55.11	ng	0.00
7) Phenol-d6	6.79	99	1533961	55.62	ng	0.00
23) Nitrobenzene-d5	8.75	82	984133	37.47	ng	0.00
42) 2,4,6-Tribromophenol	15.75	330	498104	56.51	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	2147206	40.74	ng	0.00
79) Terphenyl-d14	19.59	244	2890731	41.01	ng	0.00
Target Compounds						
32) Benzoic acid	9.72	122	260	4.825	ng	Qvalue # 44
50) Dimethylphthalate	13.71	163	328737	5.222	ng	99
75) Fluoranthene	19.03	202	433318	4.144	ng	99
78) Pyrene	19.39	202	419074	3.943	ng	99
81) Benzo(a)anthracene	21.10	228	233708	2.392	ng	97
83) Chrysene	21.14	228	222238	2.370	ng	97
88) Benzo(b)fluoranthene	22.66	252	308014	3.191	ng	# 96
89) Benzo(k)fluoranthene	22.66	252	308014	3.326	ng	# 96
90) Benzo(a)pyrene	23.22	252	223840	2.500	ng	# 94

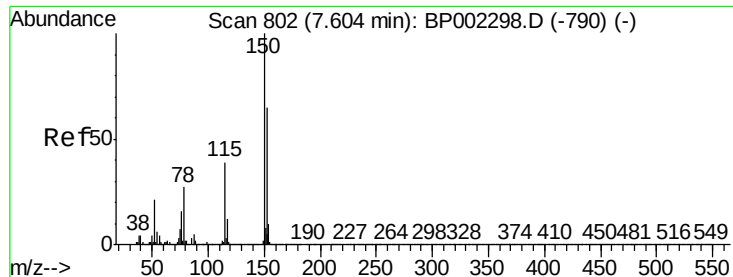
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP052920\
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Misc :
ALS Vial : 15 Sample Multiplier: 1

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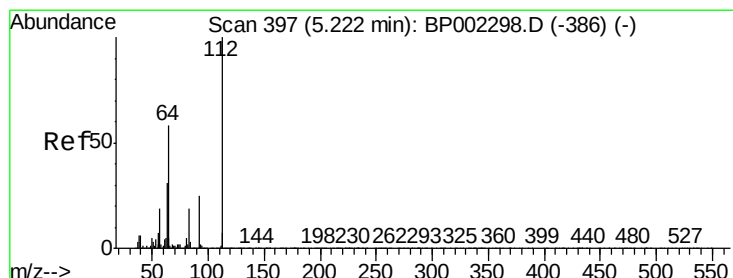
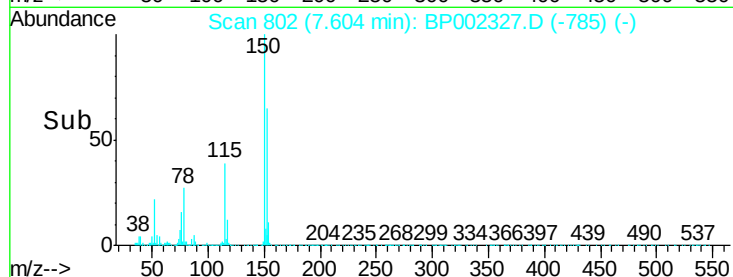
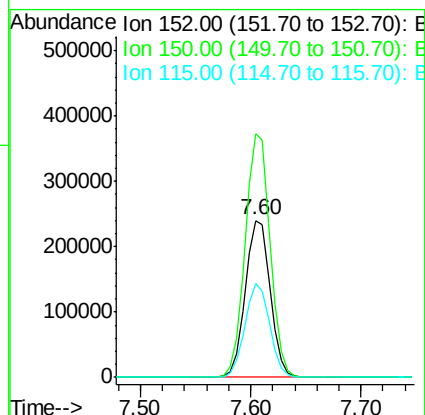
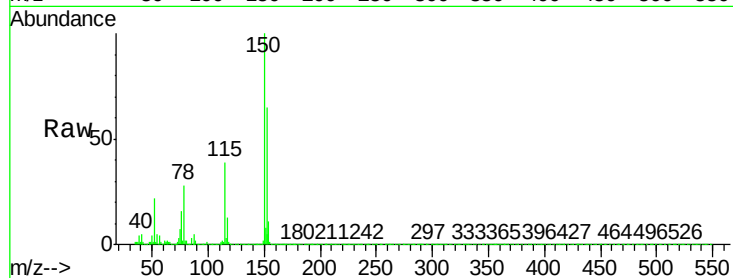


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.60 min Scan# 802
Delta R.T. -0.00 min
Lab File: BP002327.D
Acq: 29 May 2020 22:01

Instrument :
BNA_P
ClientSampleId :

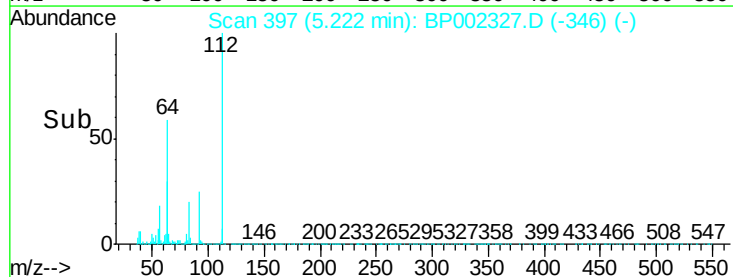
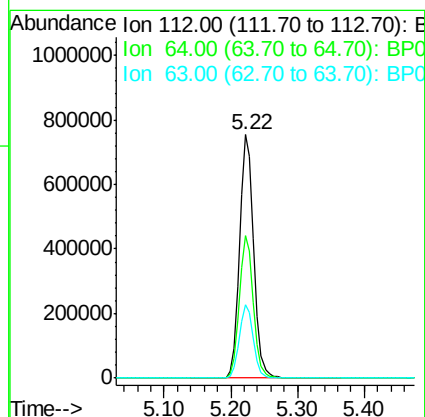
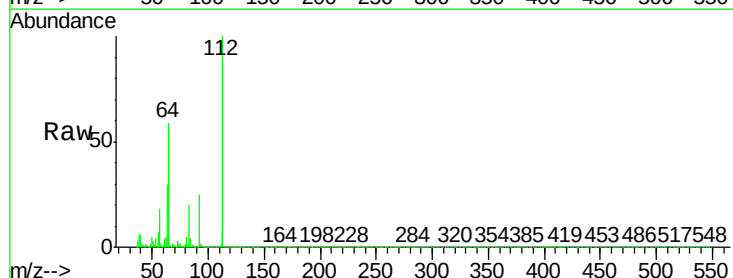
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.7	187.1
115	59.9	49.4	74.2

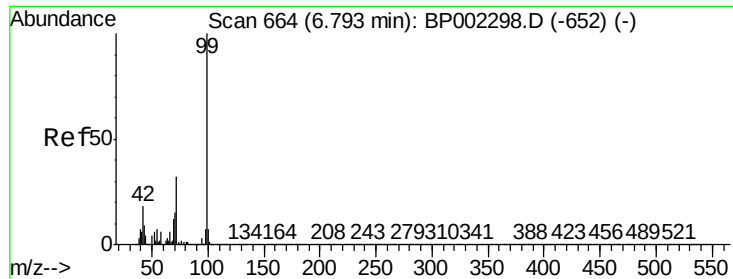


#5

2-Fluorophenol
Concen: 55.115 ng
RT: 5.22 min Scan# 397
Delta R.T. -0.00 min
Lab File: BP002327.D
Acq: 29 May 2020 22:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.7	47.0	70.4
63	30.2	24.0	36.0





#7

Phenol-d6

Concen: 55.617 ng

RT: 6.79 min Scan# 664

Delta R.T. -0.00 min

Lab File: BP002327.D

Acq: 29 May 2020 22:01

Instrument :

BNA_P

ClientSampleId :

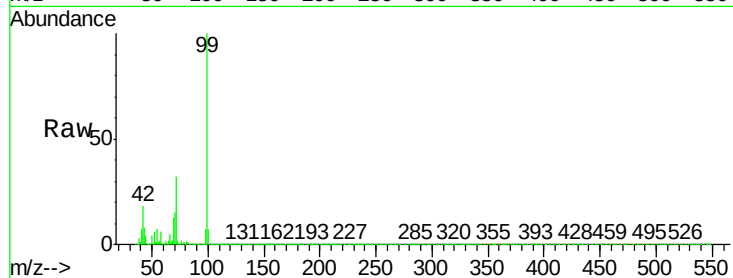
Tot Ion: 99 Resp: 1533961

Ion Ratio Lower Upper

99 100

42 17.8 13.9 20.9

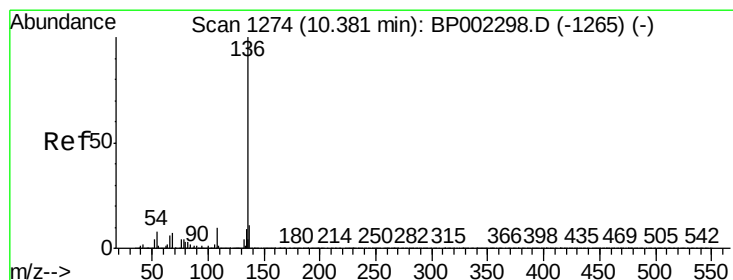
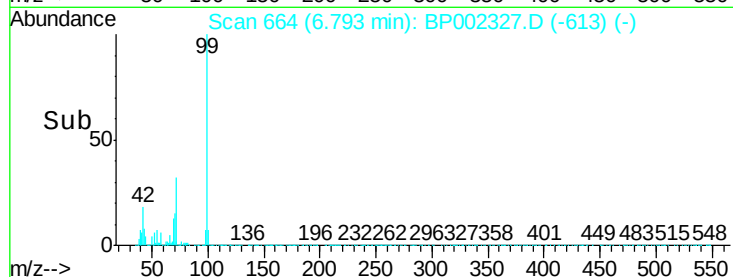
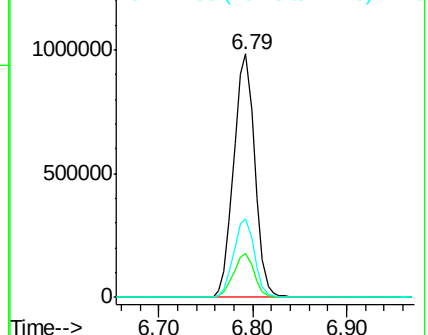
71 32.3 25.8 38.8



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.38 min Scan# 1274

Delta R.T. -0.00 min

Lab File: BP002327.D

Acq: 29 May 2020 22:01

Tgt Ion: 136 Resp: 1579266

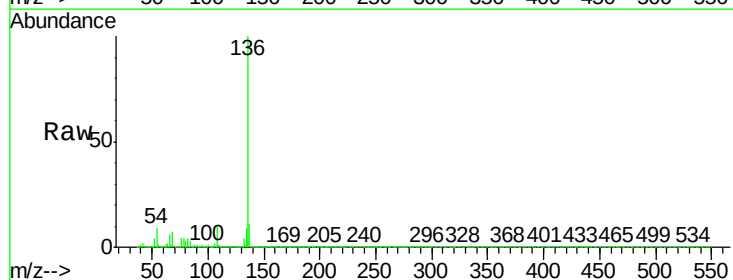
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 8.7 6.9 10.3

68 7.1 5.6 8.4

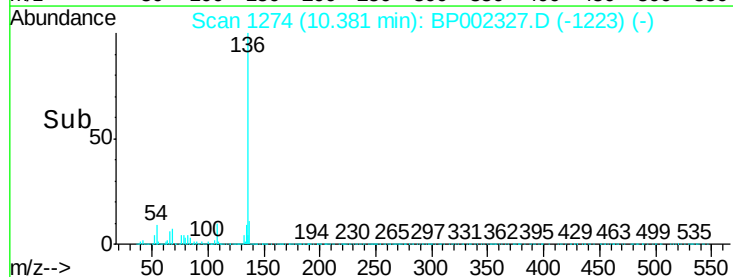
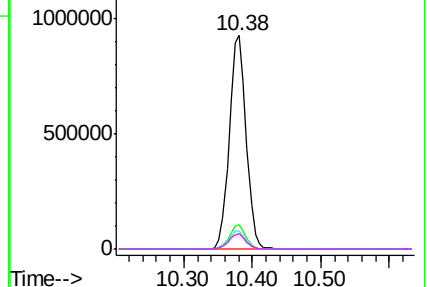


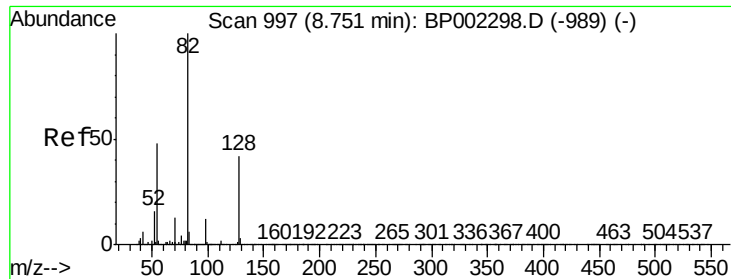
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0

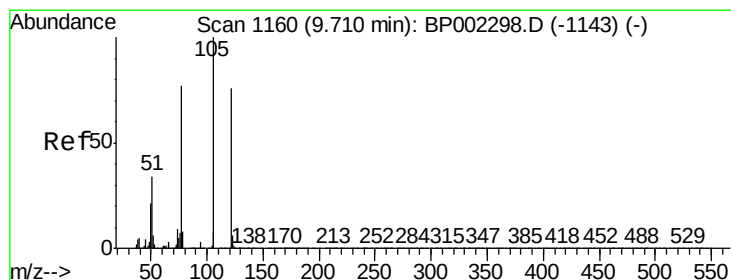
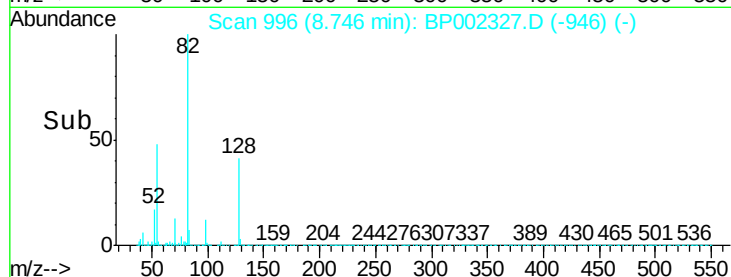
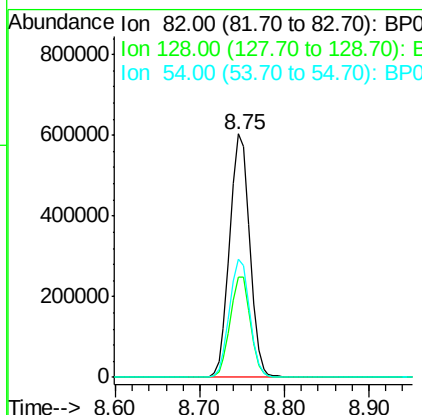
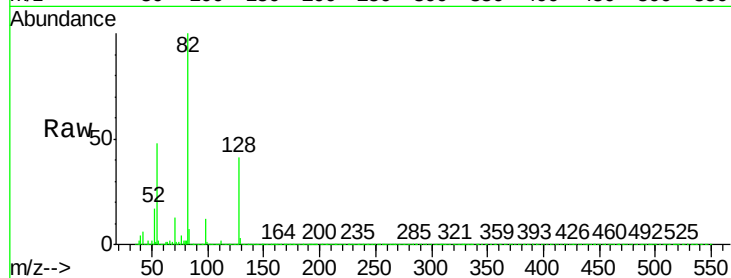




#23
 Nitrobenzene-d5
 Concen: 37.466 ng
 RT: 8.75 min Scan# 996
 Delta R.T. -0.01 min
 Lab File: BP002327.D
 Acq: 29 May 2020 22:01

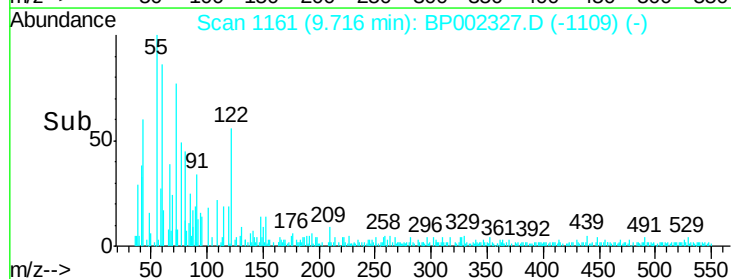
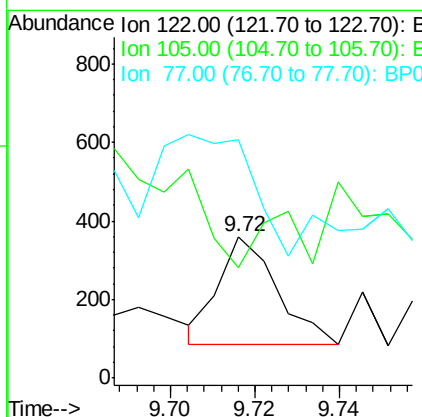
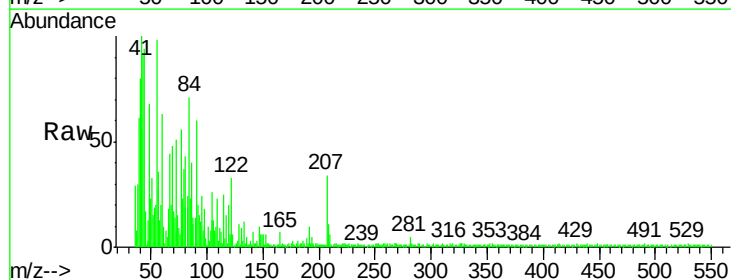
Instrument :
 BNA_P
 ClientSampleId :

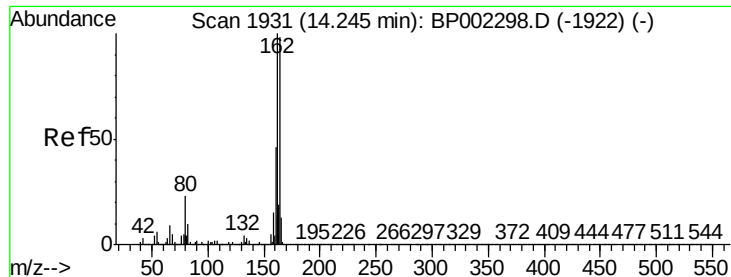
Tot Ion	82	Resp	984133
Ion Ratio	Lower	Upper	
82	100		
128	41.1	33.4	50.0
54	48.4	38.3	57.5



#32
 Benzoic acid
 Concen: 4.825 ng
 RT: 9.72 min Scan# 1161
 Delta R.T. 0.01 min
 Lab File: BP002327.D
 Acq: 29 May 2020 22:01

Tgt Ion	122	Resp	260
Ion Ratio	Lower	Upper	
122	100		
105	77.8	102.7	142.7#
77	168.4	74.8	114.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.25 min Scan# 1932

Delta R.T. -0.00 min

Lab File: BP002327.D

Acq: 29 May 2020 22:01

Instrument :

BNA_P

ClientSampleId :

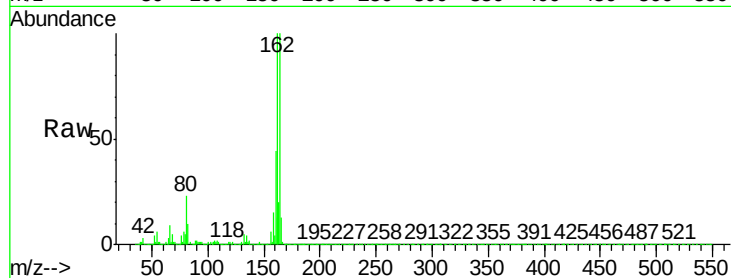
Tot Ion:164 Resp: 929964

Ion Ratio Lower Upper

164 100

162 100.2 81.3 121.9

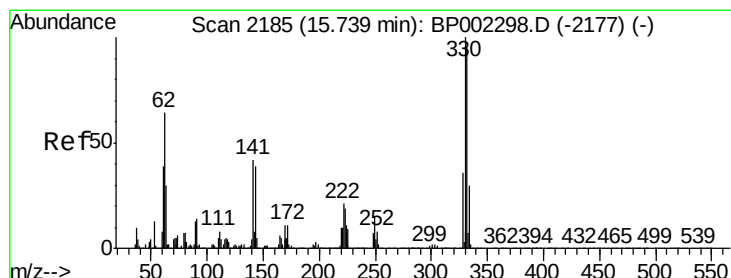
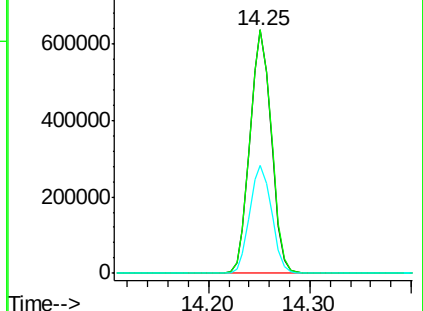
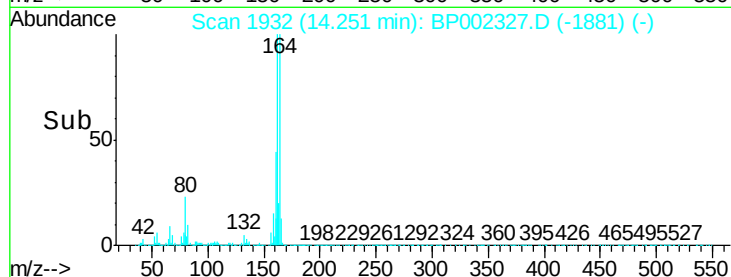
160 44.5 37.2 55.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 56.514 ng

RT: 15.75 min Scan# 2186

Delta R.T. -0.01 min

Lab File: BP002327.D

Acq: 29 May 2020 22:01

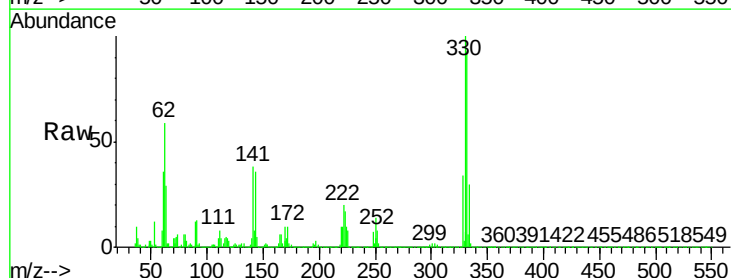
Tgt Ion:330 Resp: 498104

Ion Ratio Lower Upper

330 100

332 96.2 76.9 115.3

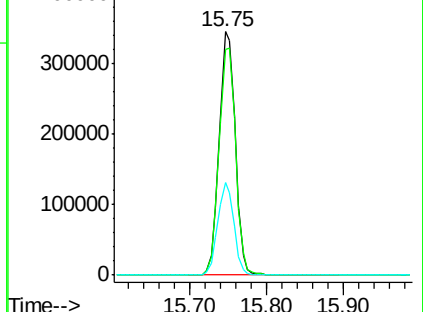
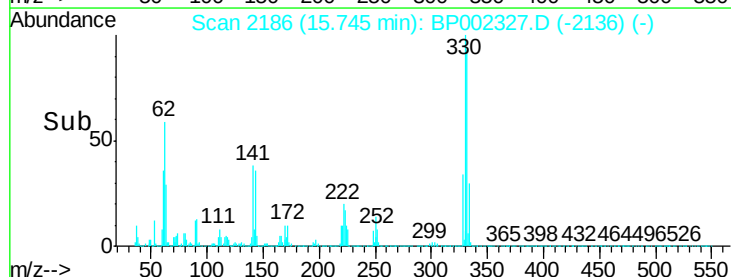
141 37.7 31.4 47.2

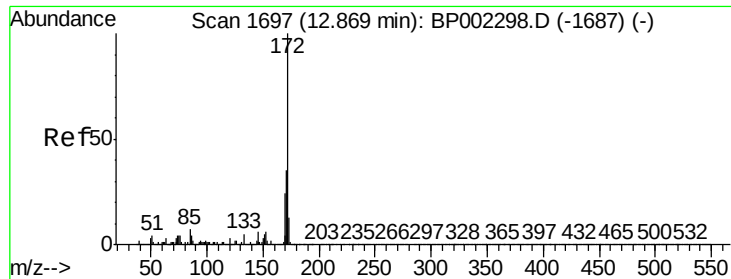


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

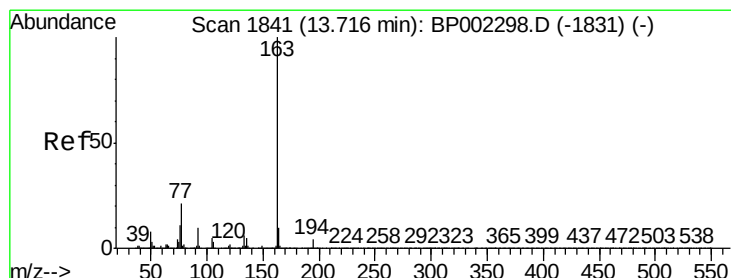
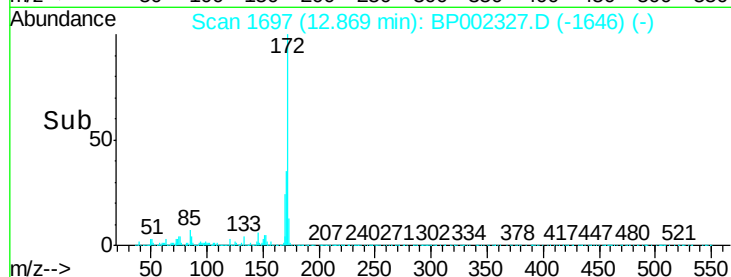
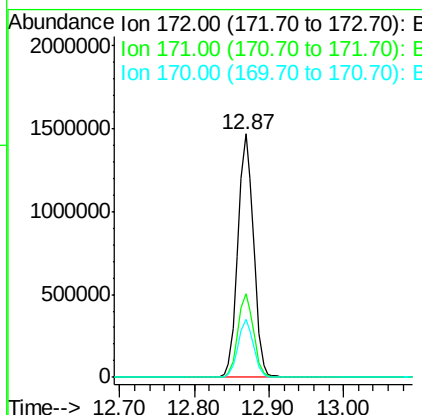
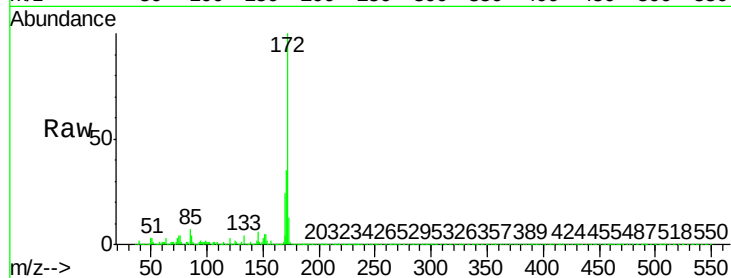




#45
2-Fluorobiphenyl
Concen: 40.742 ng
RT: 12.87 min Scan# 1697
Delta R.T. -0.00 min
Lab File: BP002327.D
Acq: 29 May 2020 22:01

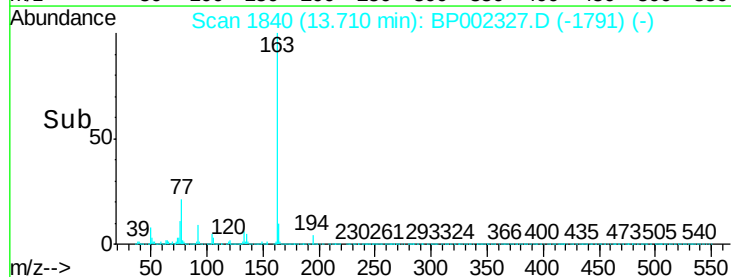
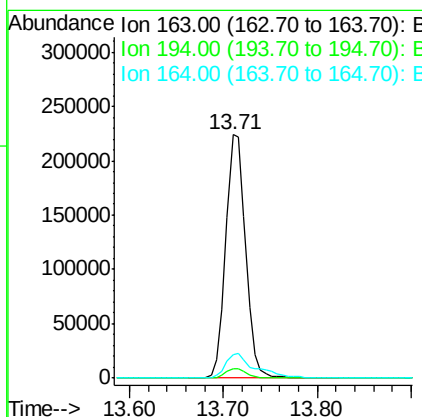
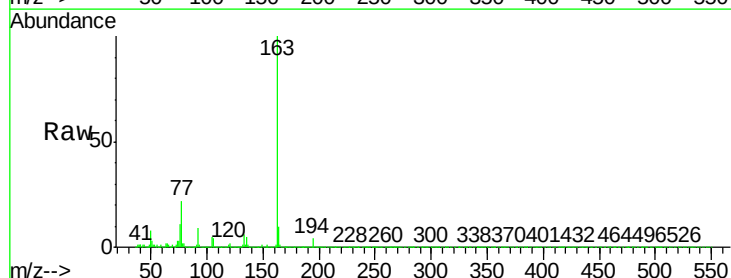
Instrument :
BNA_P
ClientSampleId :

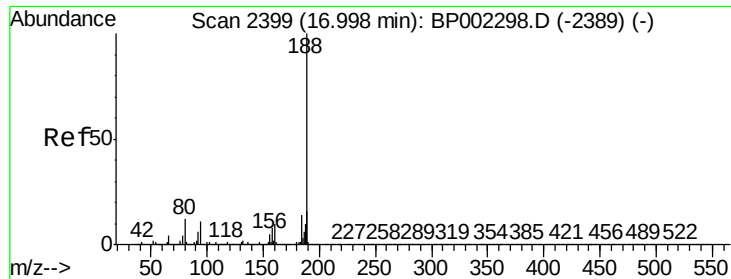
Tot Ion:172 Resp: 2147206
Ion Ratio Lower Upper
172 100
171 34.6 27.6 41.4
170 23.7 18.9 28.3



#50
Dimethylphthalate
Concen: 5.222 ng
RT: 13.71 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BP002327.D
Acq: 29 May 2020 22:01

Tgt Ion:163 Resp: 328737
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 9.9 8.1 12.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.01 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BP002327.D

Acq: 29 May 2020 22:01

Instrument :

BNA_P

ClientSampleId :

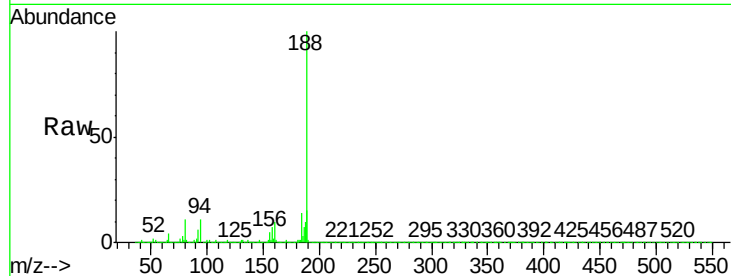
Tot Ion:188 Resp: 1916463

Ion Ratio Lower Upper

188 100

94 10.5 8.7 13.1

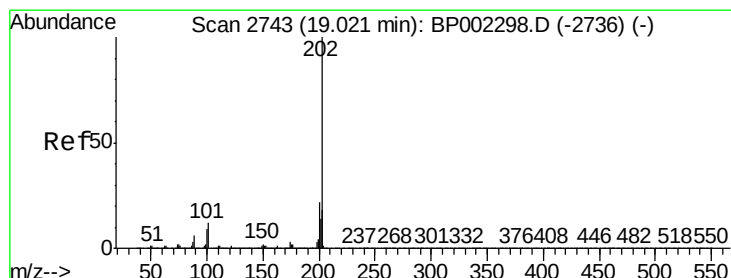
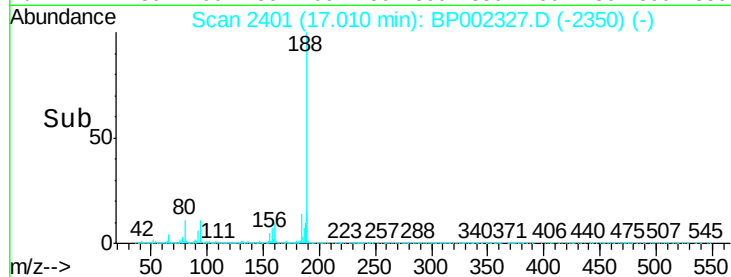
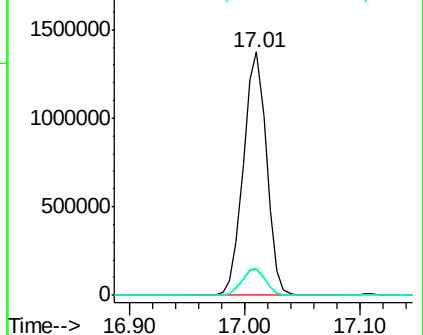
80 11.0 9.3 13.9



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



#75

Fluoranthene

Concen: 4.144 ng

RT: 19.03 min Scan# 2745

Delta R.T. -0.00 min

Lab File: BP002327.D

Acq: 29 May 2020 22:01

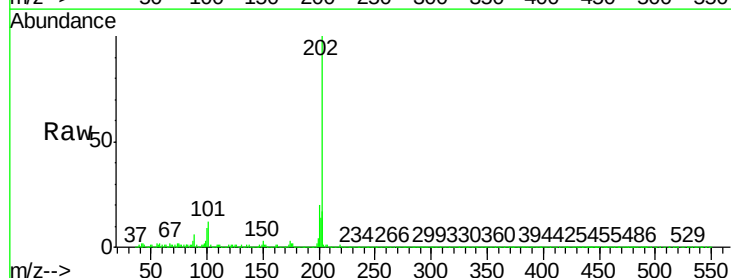
Tgt Ion:202 Resp: 433318

Ion Ratio Lower Upper

202 100

101 12.2 0.0 32.1

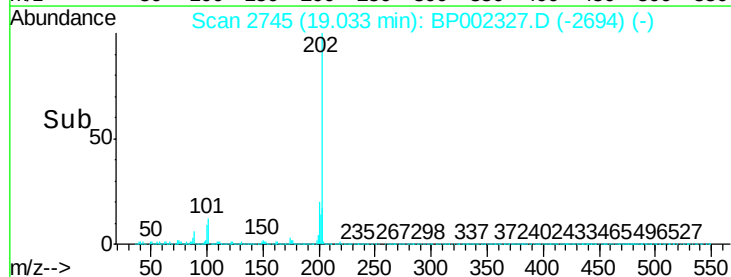
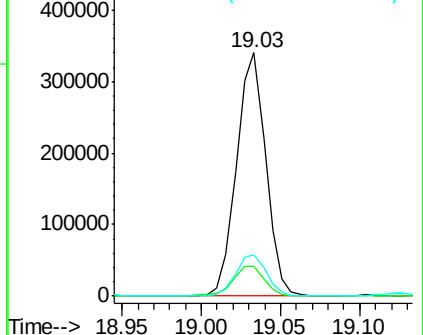
203 16.9 0.0 37.6

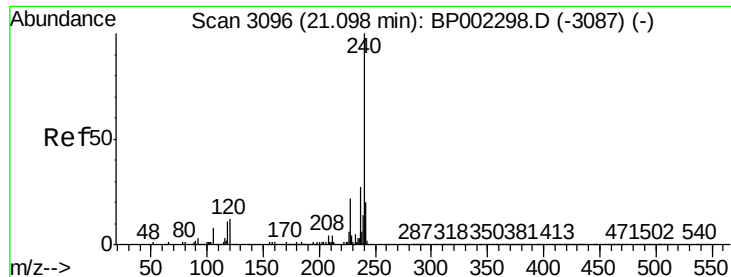


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.11 min Scan# 3098

Delta R.T. -0.00 min

Lab File: BP002327.D

Acq: 29 May 2020 22:01

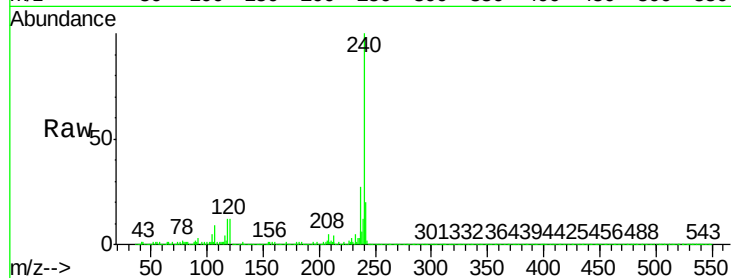
Instrument :

BNA_P

ClientSampleId :

Tot Ion:240 Resp: 1707031

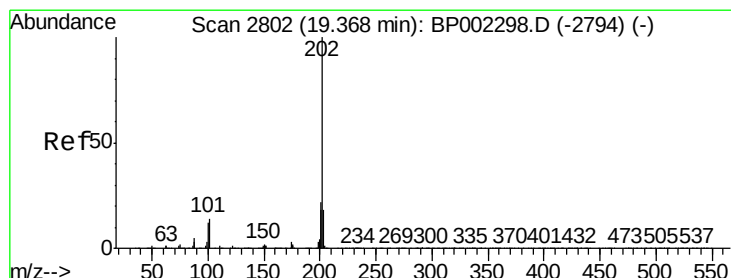
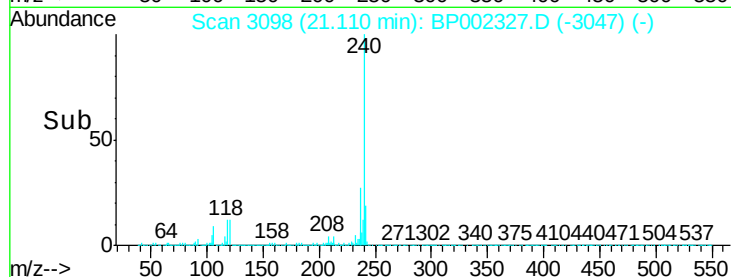
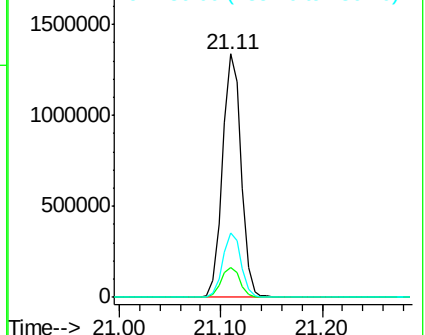
Ion	Ratio	Lower	Upper
240	100		
120	12.3	8.7	13.1
236	26.6	21.0	31.4



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



#78

Pyrene

Concen: 3.943 ng

RT: 19.39 min Scan# 2805

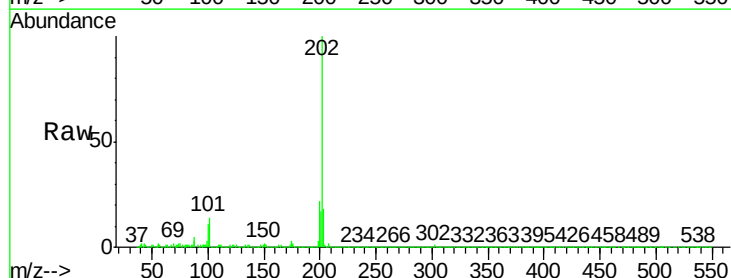
Delta R.T. -0.00 min

Lab File: BP002327.D

Acq: 29 May 2020 22:01

Tgt Ion:202 Resp: 419074

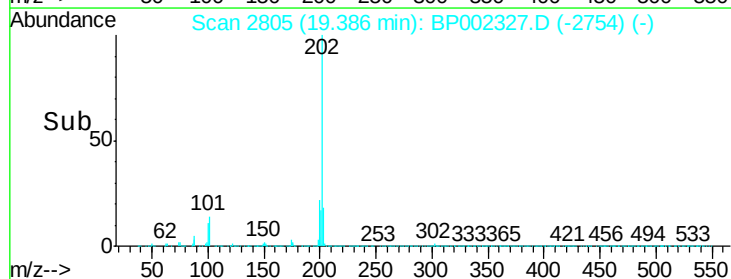
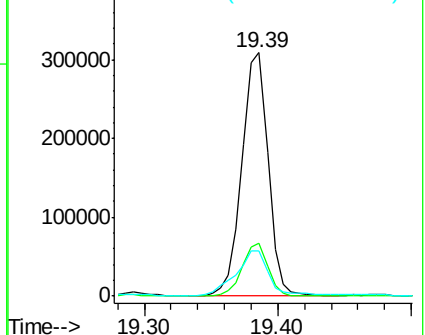
Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.3	25.9
203	18.4	13.8	20.6

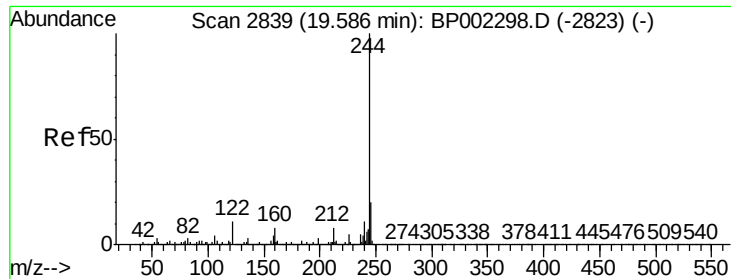


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 41.010 ng

RT: 19.59 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BP002327.D

Acq: 29 May 2020 22:01

Instrument :

BNA_P

ClientSampled :

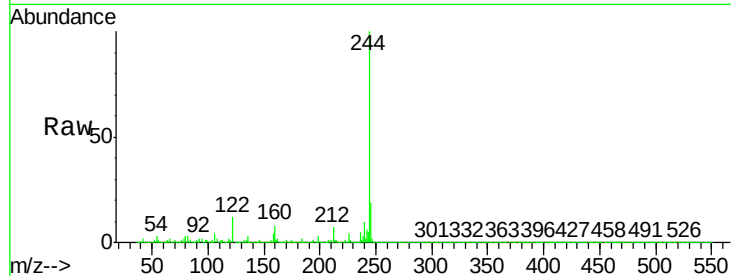
Tot Ion:244 Resp: 2890731

Ion Ratio Lower Upper

244 100

212 7.4 6.4 9.6

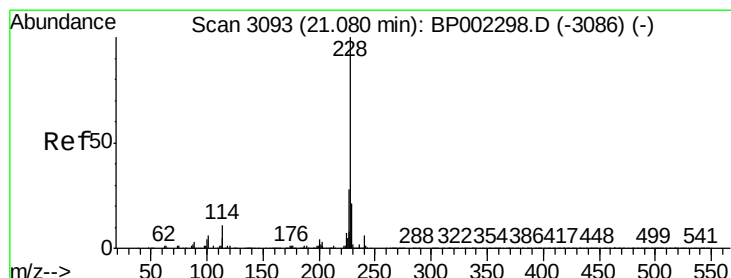
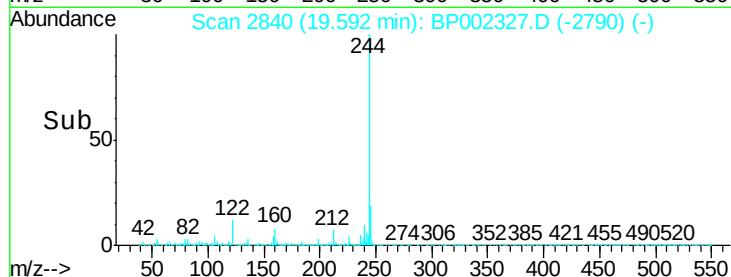
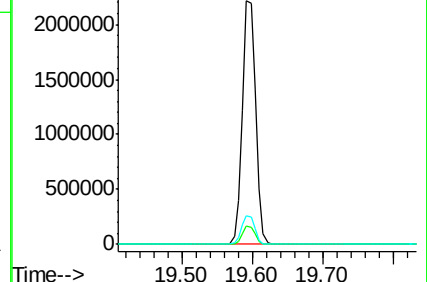
122 11.9 9.4 14.0



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



#81

Benzo(a)anthracene

Concen: 2.392 ng

RT: 21.10 min Scan# 3096

Delta R.T. -0.00 min

Lab File: BP002327.D

Acq: 29 May 2020 22:01

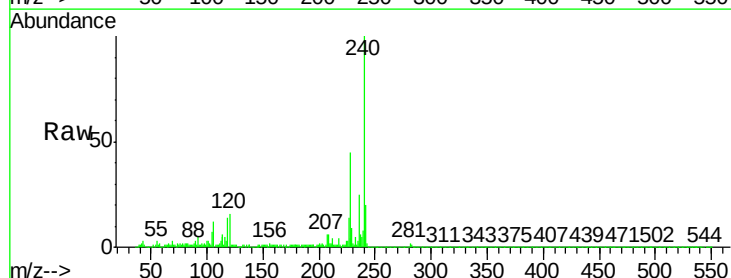
Tgt Ion:228 Resp: 233708

Ion Ratio Lower Upper

228 100

226 31.4 22.7 34.1

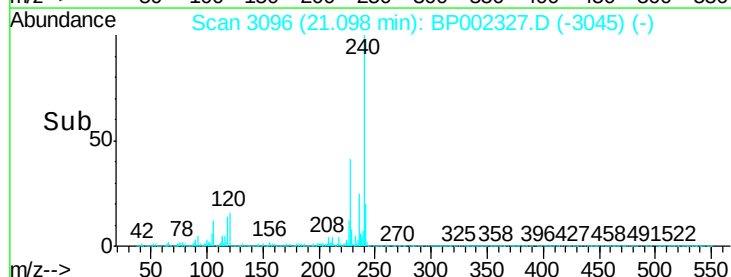
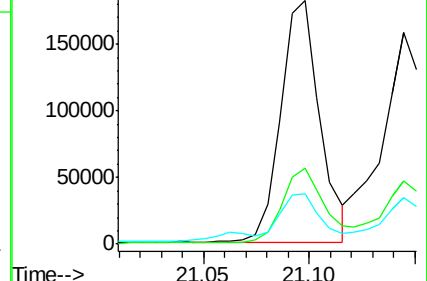
229 20.4 16.3 24.5

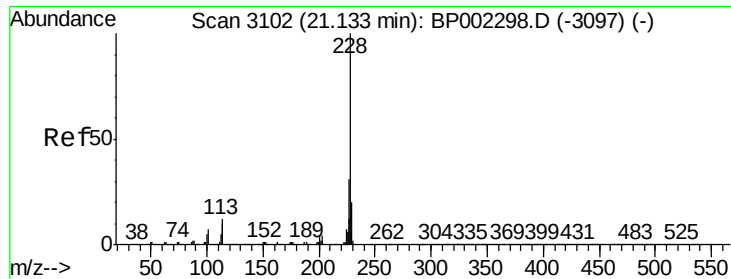


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

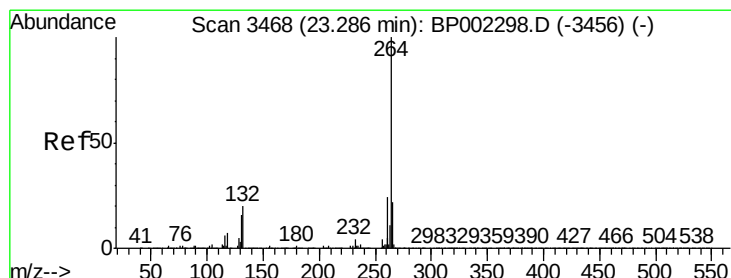
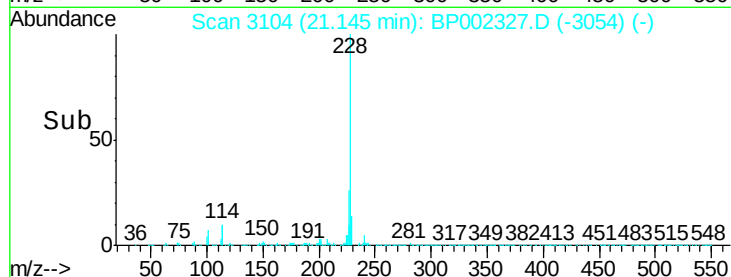
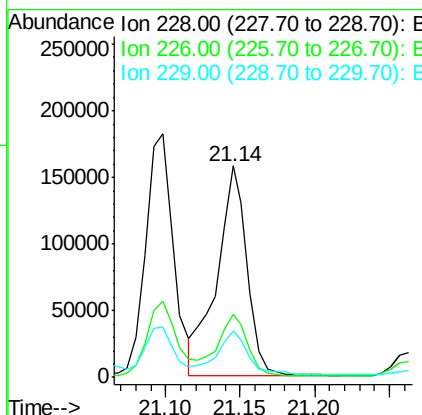
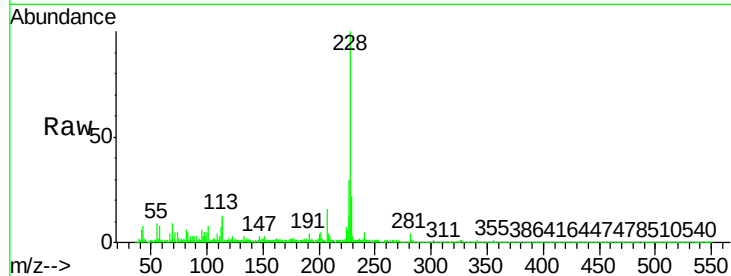




#83
 Chrysene
 Concen: 2.370 ng
 RT: 21.14 min Scan# 3104
 Delta R.T. -0.01 min
 Lab File: BP002327.D
 Acq: 29 May 2020 22:01

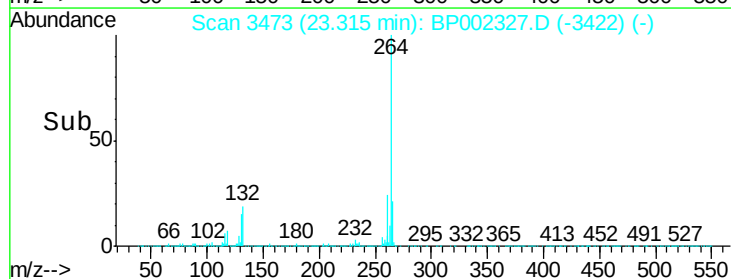
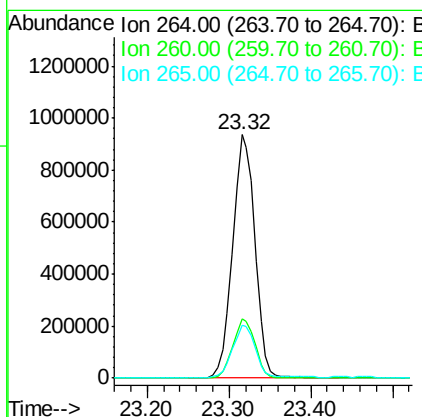
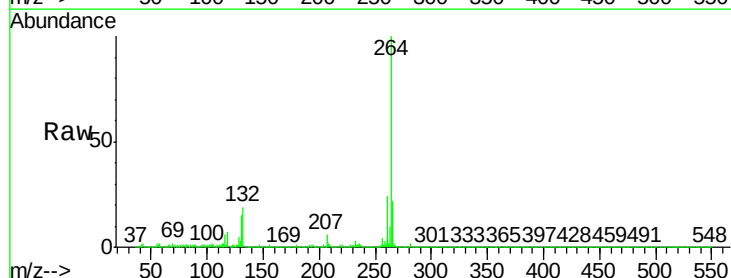
Instrument :
 BNA_P
 ClientSampled :

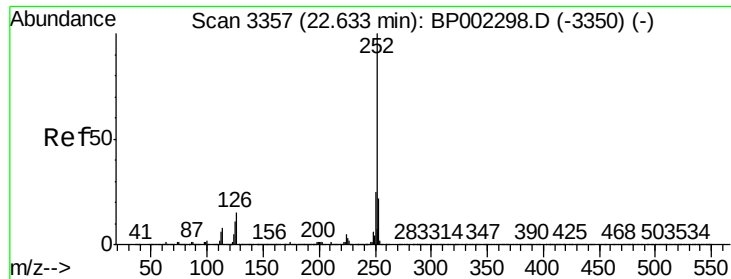
Tot Ion:228	Resp:	222238
Ion	Ratio	Lower Upper
228	100	
226	29.8	25.0 37.6
229	22.3	16.2 24.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.32 min Scan# 3473
 Delta R.T. -0.00 min
 Lab File: BP002327.D
 Acq: 29 May 2020 22:01

Tgt Ion:264	Resp:	1770368
Ion	Ratio	Lower Upper
264	100	
260	24.3	19.4 29.2
265	21.6	17.8 26.6

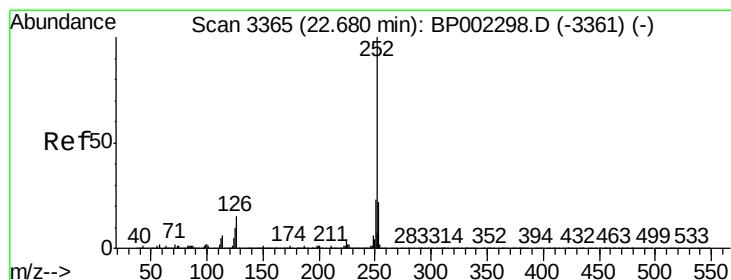
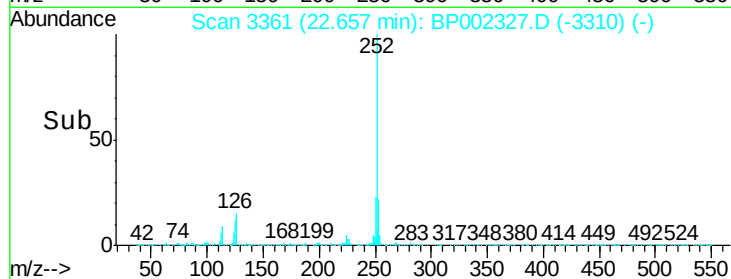
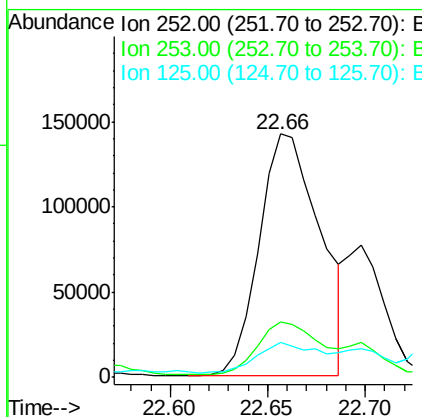
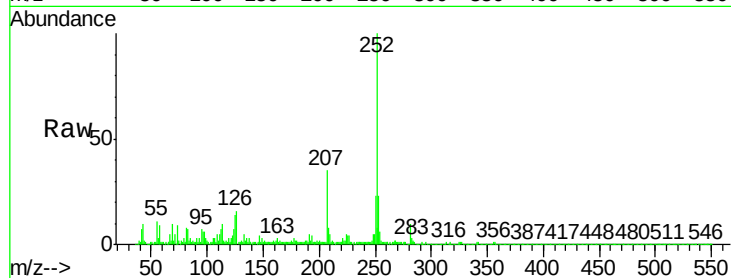




#88
Benzo(b)fluoranthene
Concen: 3.191 ng
RT: 22.66 min Scan# 3361
Delta R.T. -0.00 min
Lab File: BP002327.D
Acq: 29 May 2020 22:01

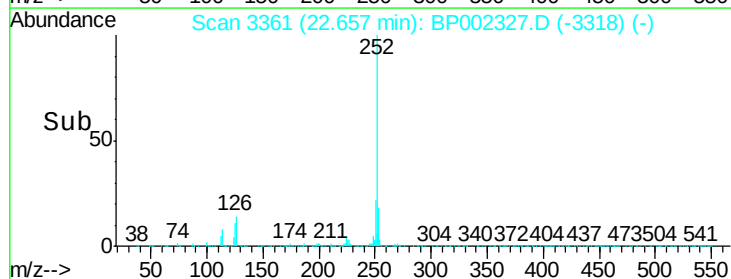
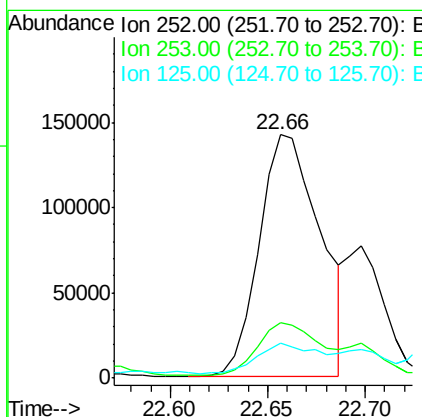
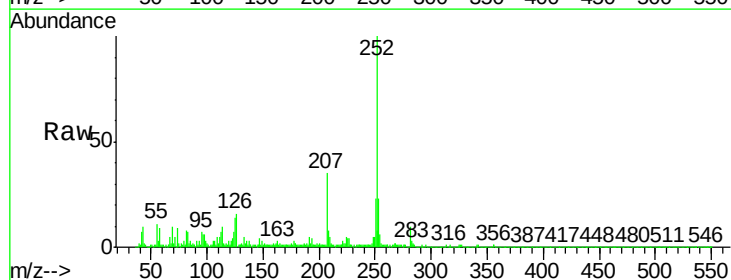
Instrument :
BNA_P
ClientSampleId :

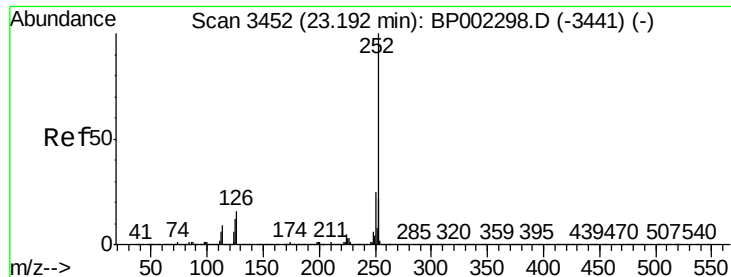
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	14.2	7.2	10.8



#89
Benzo(k)fluoranthene
Concen: 3.326 ng
RT: 22.66 min Scan# 3361
Delta R.T. -0.05 min
Lab File: BP002327.D
Acq: 29 May 2020 22:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	14.2	7.4	11.2





#90

Benzo(a)pyrene

Concen: 2.500 ng

RT: 23.22 min Scan# 3456

Delta R.T. -0.01 min

Lab File: BP002327.D

Acq: 29 May 2020 22:01

Instrument :

BNA_P

ClientSampleId :

Tot Ion: 252 Resp: 223840

Ion Ratio Lower Upper

252 100

253 23.9 18.0 27.0

125 14.9 8.4 12.6

