

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051421\
 Data File : BP005550.D
 Acq On : 14 May 2021 15:52
 Operator : CG/JU
 Sample : M2373-01RE 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OR-02-051221

Quant Time: May 14 16:20:26 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 12:01:17 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

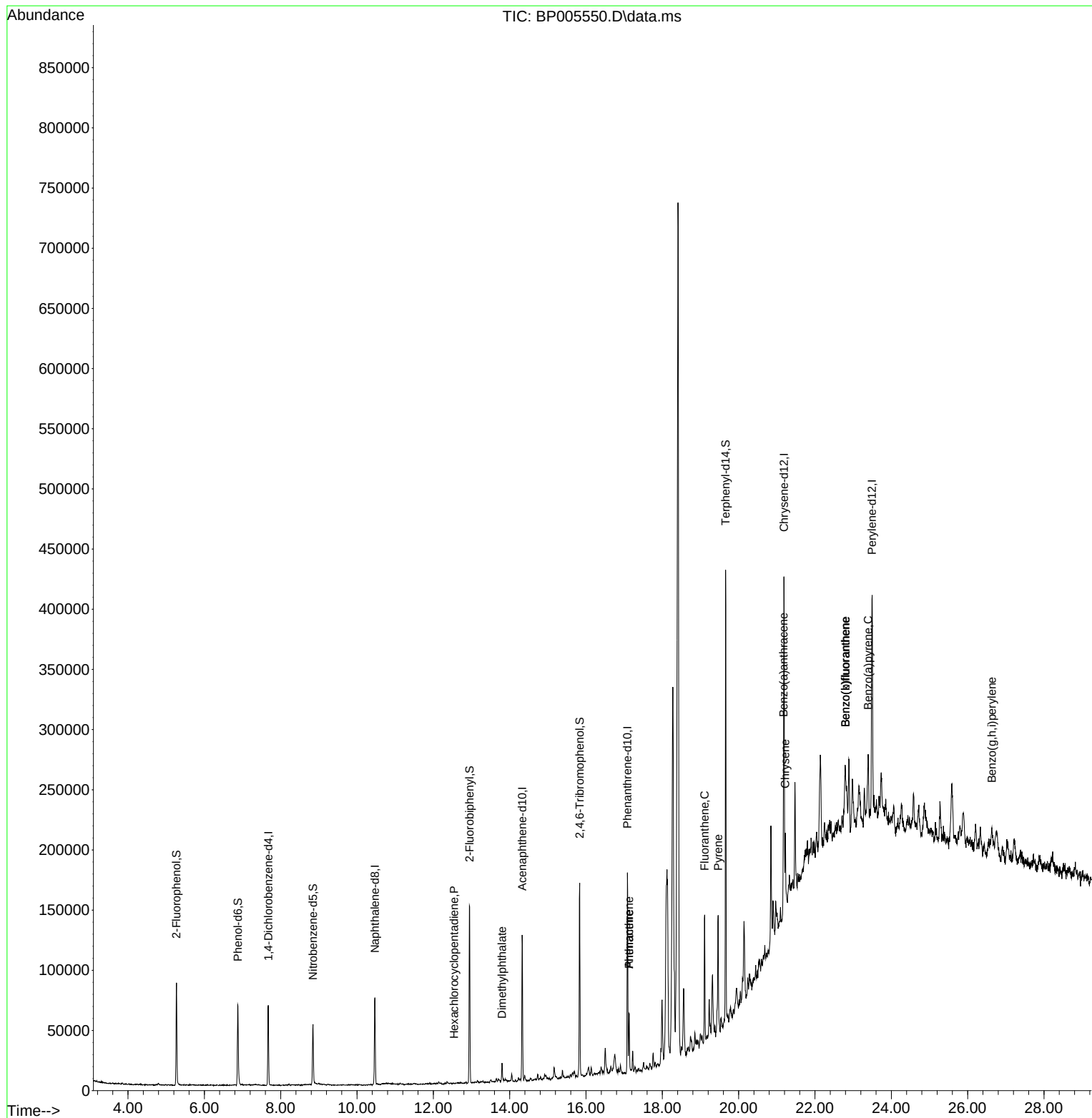
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	14083	20.00	ng	0.00
21) Naphthalene-d8	10.469	136	43619	20.00	ng	0.00
39) Acenaphthene-d10	14.328	164	35816	20.00	ng	0.00
64) Phenanthrene-d10	17.086	188	86416	20.00	ng	# 0.00
76) Chrysene-d12	21.186	240	120269	20.00	ng	# 0.00
86) Perylene-d12	23.492	264	146516	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.269	112	26318	35.86	ng	0.00
7) Phenol-d6	6.881	99	29013	31.71	ng	0.00
23) Nitrobenzene-d5	8.845	82	24510	22.12	ng	0.00
42) 2,4,6-Tribromophenol	15.833	330	28764	28.30	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	64687	20.37	ng	0.00
79) Terphenyl-d14	19.657	244	150950	21.31	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.152	88	15	Below Cal	#	1
9) Benzaldehyde	6.822	77	47	Below Cal	#	78
41) Hexachlorocyclopentadiene	12.545	237	24	7.90	ng	72
50) Dimethylphthalate	13.798	163	7251	2.35	ng	# 90
71) Phenanthrene	17.127	178	26927	5.48	ng	97
72) Anthracene	17.127	178	26927	5.53	ng	98
75) Fluoranthene	19.110	202	55550	8.22	ng	95
78) Pyrene	19.463	202	56100	8.24	ng	98
81) Benzo(a)anthracene	21.174	228	31827	4.08	ng	# 92
83) Chrysene	21.221	228	32295	4.28	ng	# 91
88) Benzo(b)fluoranthene	22.798	252	61360	6.28	ng	100
89) Benzo(k)fluoranthene	22.798	252	61360	6.43	ng	98
90) Benzo(a)pyrene	23.392	252	32098	3.59	ng	# 90
92) Benzo(g,h,i)perylene	26.633	276	25260	2.51	ng	# 94

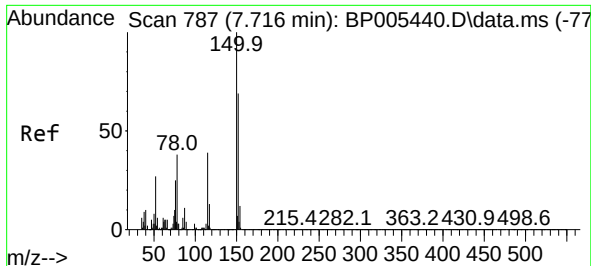
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051421\
Data File : BP005550.D
Acq On : 14 May 2021 15:52
Operator : CG/JU
Sample : M2373-01RE 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-051221

Quant Time: May 14 16:20:26 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 14 12:01:17 2021
Response via : Initial Calibration

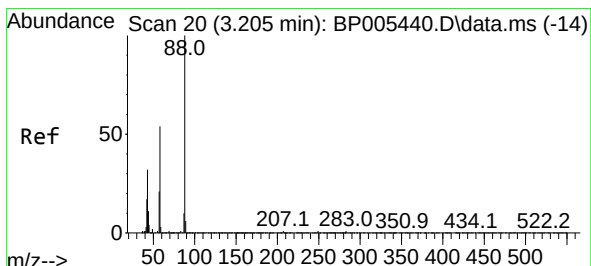
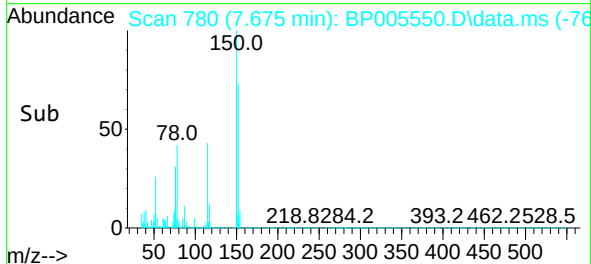
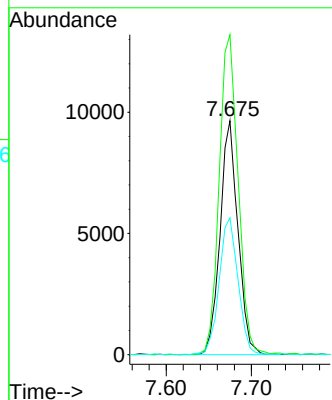
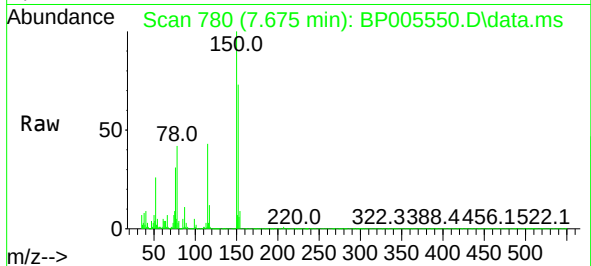




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.675 min Scan# 780
Delta R.T. -0.000 min
Lab File: BP005550.D
Acq: 14 May 2021 15:52

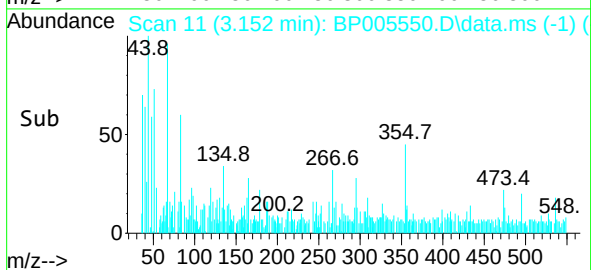
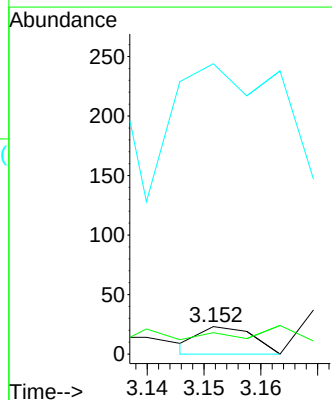
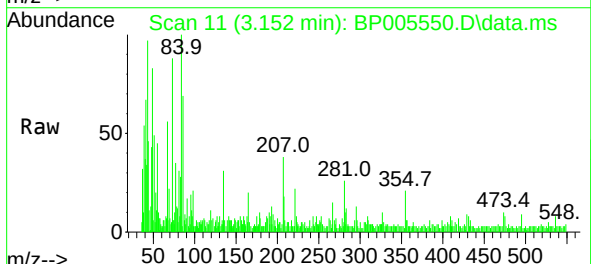
Instrument :
BNA_P
ClientSampleId :
OR-02-051221

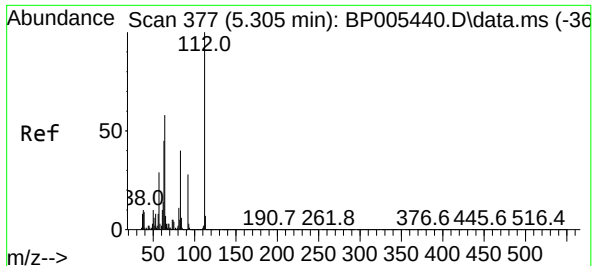
Tgt Ion:152 Resp: 14083
Ion Ratio Lower Upper
152 100
150 136.8 119.8 179.8
115 58.5 49.0 73.4



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.152 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP005550.D
Acq: 14 May 2021 15:52

Tgt Ion: 88 Resp: 15
Ion Ratio Lower Upper
88 100
58 26.7 42.5 63.7#
43 1026.7 19.8 29.8#

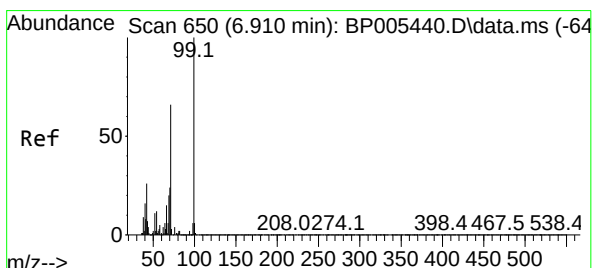
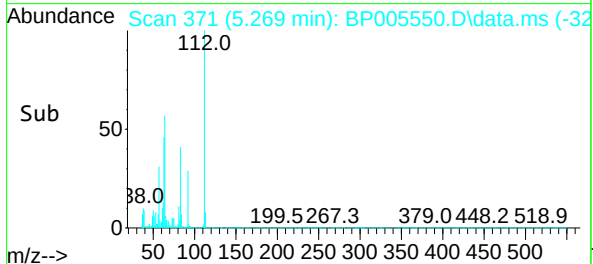
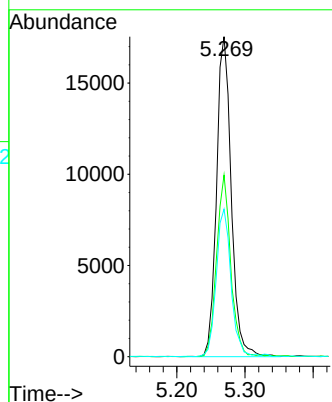
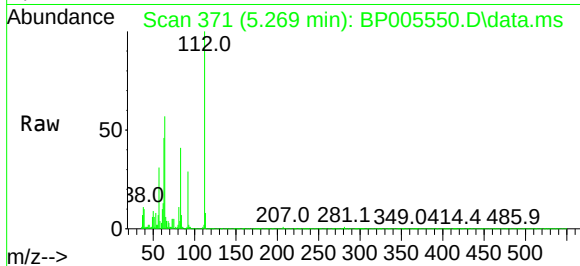




#5
2-Fluorophenol
Concen: 35.86 ng
RT: 5.269 min Scan# 371
Delta R.T. -0.000 min
Lab File: BP005550.D
Acq: 14 May 2021 15:52

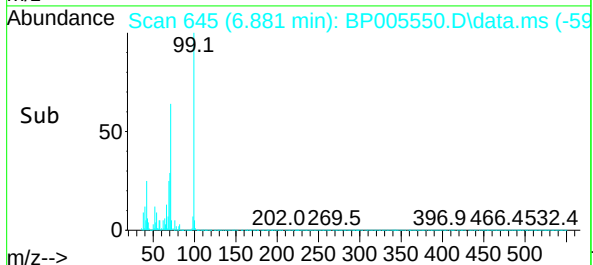
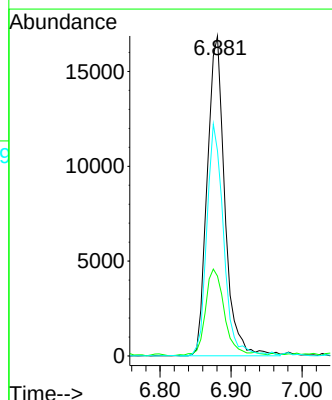
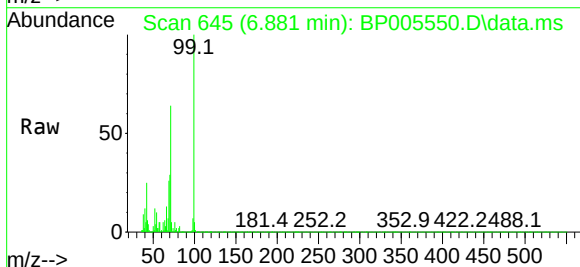
Instrument :
BNA_P
ClientSampleId :
OR-02-051221

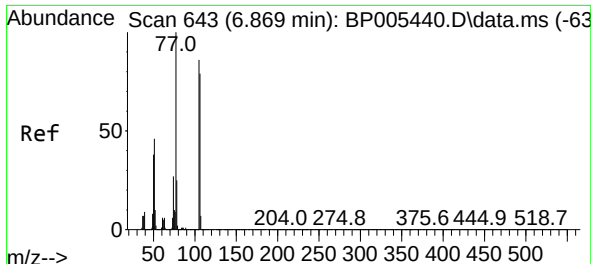
Tgt Ion:112 Resp: 26318
Ion Ratio Lower Upper
112 100
64 56.8 33.6 50.4#
63 46.1 18.6 27.8#



#7
Phenol-d6
Concen: 31.71 ng
RT: 6.881 min Scan# 645
Delta R.T. -0.000 min
Lab File: BP005550.D
Acq: 14 May 2021 15:52

Tgt Ion: 99 Resp: 29013
Ion Ratio Lower Upper
99 100
42 25.0 12.9 19.3#
71 64.1 26.7 40.1#

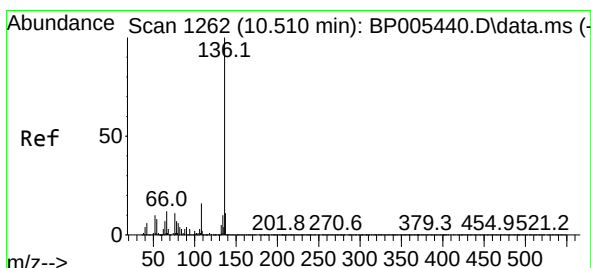
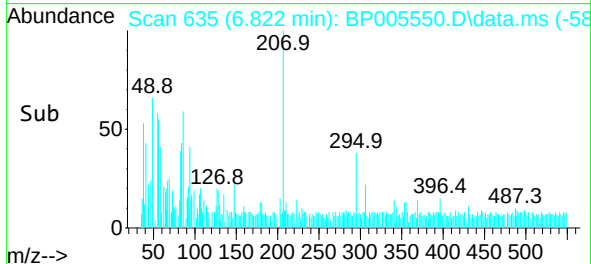
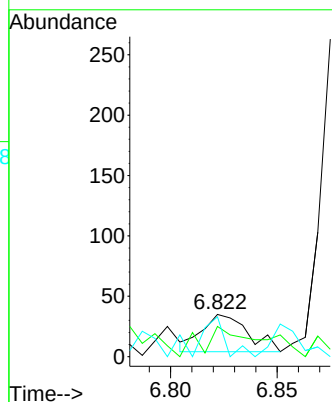
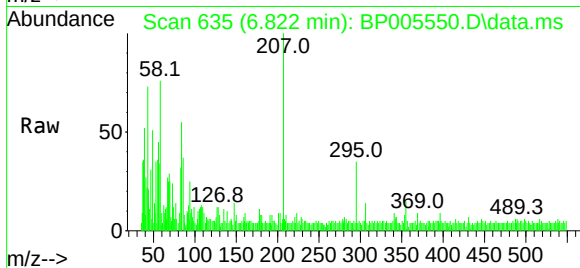




#9
Benzaldehyde
Concen: Below Cal
RT: 6.822 min Scan# 635
Delta R.T. -0.006 min
Lab File: BP005550.D
Acq: 14 May 2021 15:52

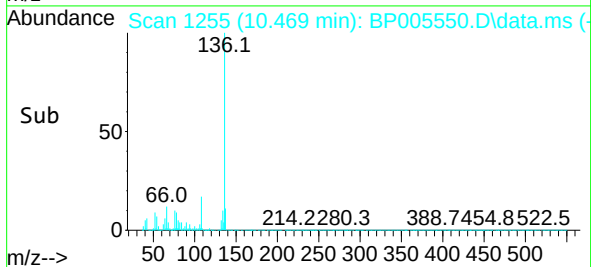
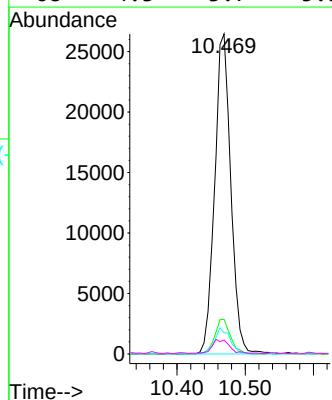
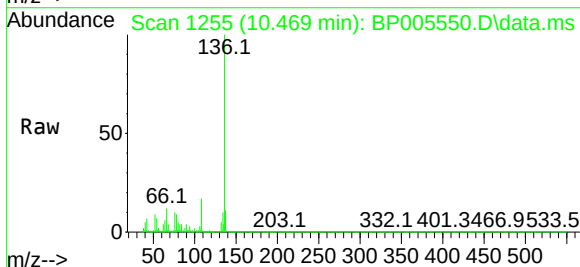
Instrument :
BNA_P
ClientSampleId :
OR-02-051221

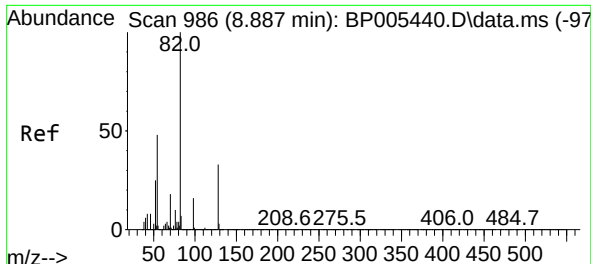
Tgt Ion: 77 Resp: 47
Ion Ratio Lower Upper
77 100
105 71.4 89.4 129.4#
106 94.3 79.9 119.9



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.469 min Scan# 1255
Delta R.T. -0.000 min
Lab File: BP005550.D
Acq: 14 May 2021 15:52

Tgt Ion:136 Resp: 43619
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 6.7 5.0 7.4
68 4.3 3.7 5.5

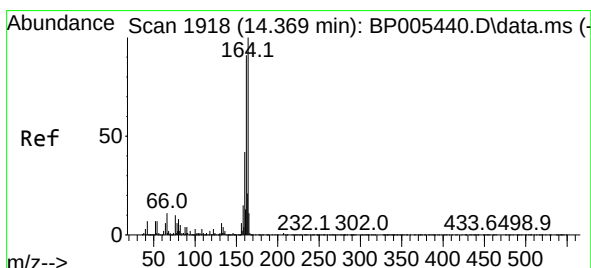
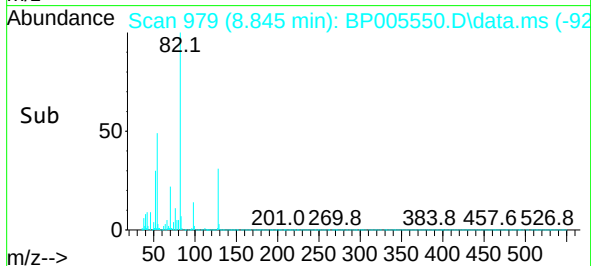
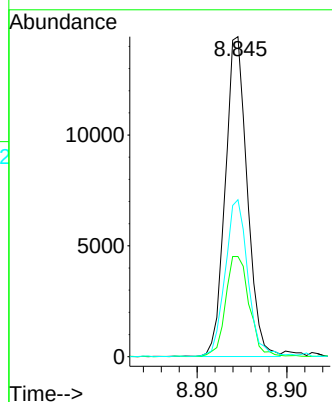
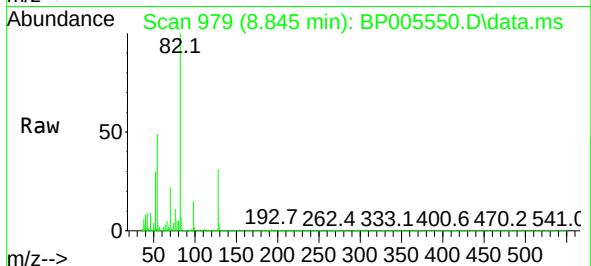




#23
Nitrobenzene-d5
Concen: 22.12 ng
RT: 8.845 min Scan# 979
Delta R.T. -0.006 min
Lab File: BP005550.D
Acq: 14 May 2021 15:52

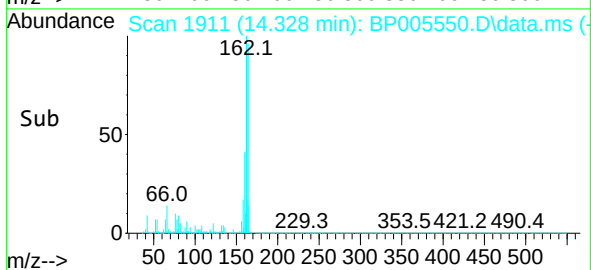
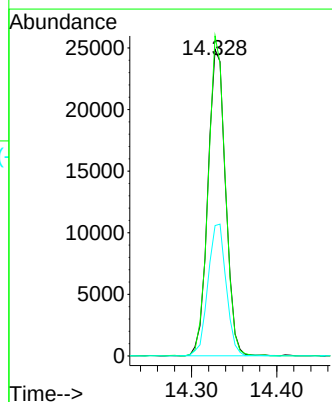
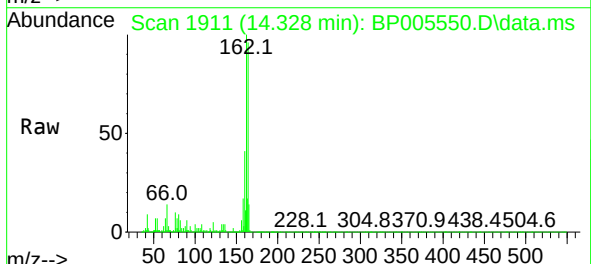
Instrument :
BNA_P
ClientSampleId :
OR-02-051221

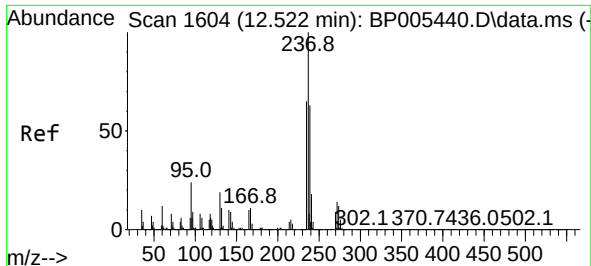
Tgt Ion: 82 Resp: 24510
Ion Ratio Lower Upper
82 100
128 31.3 30.5 45.7
54 49.0 33.9 50.9



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.328 min Scan# 1911
Delta R.T. -0.006 min
Lab File: BP005550.D
Acq: 14 May 2021 15:52

Tgt Ion: 164 Resp: 35816
Ion Ratio Lower Upper
164 100
162 104.4 73.5 110.3
160 42.5 40.6 61.0

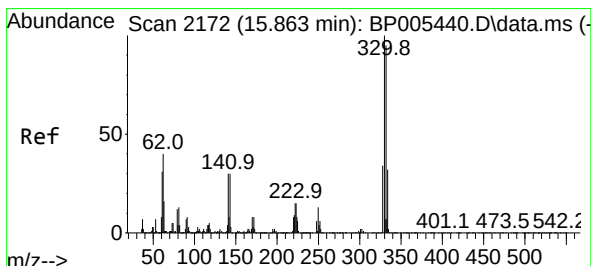
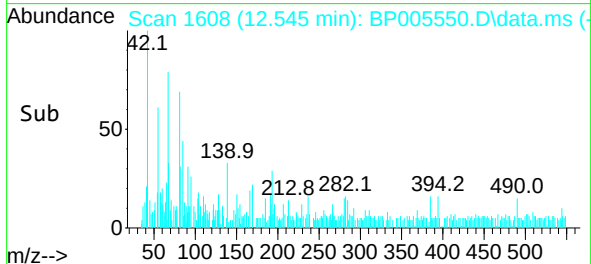
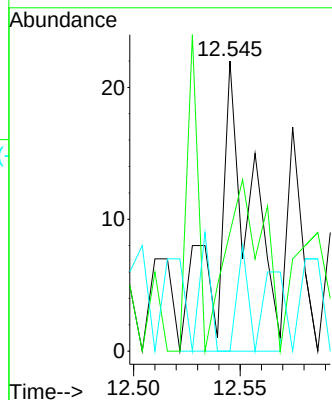
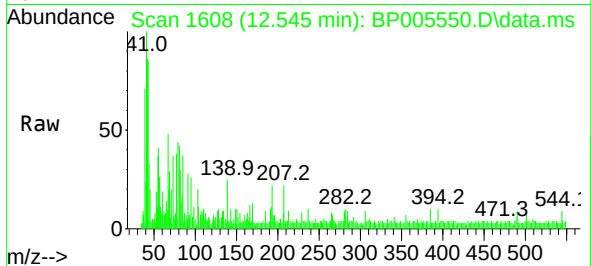




#41
Hexachlorocyclopentadiene
Concen: 7.90 ng
RT: 12.545 min Scan# 1608
Delta R.T. 0.064 min
Lab File: BP005550.D
Acq: 14 May 2021 15:52

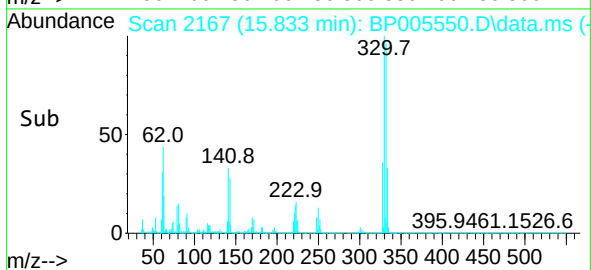
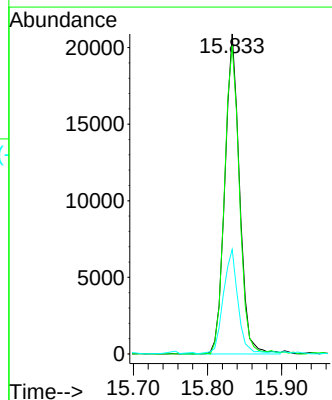
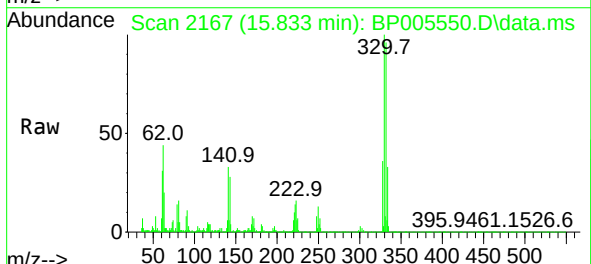
Instrument :
BNA_P
ClientSampleId :
OR-02-051221

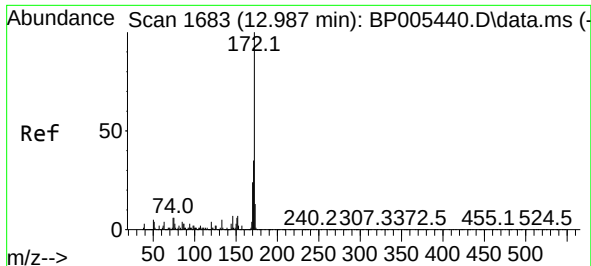
Tgt Ion:	237	Resp:	24
Ion Ratio	Lower	Upper	
237	100		
235	40.9	40.9	80.9
272	0.0	0.0	34.6



#42
2,4,6-Tribromophenol
Concen: 28.30 ng
RT: 15.833 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BP005550.D
Acq: 14 May 2021 15:52

Tgt Ion:	330	Resp:	28764
Ion Ratio	Lower	Upper	
330	100		
332	97.9	76.3	114.5
141	32.4	22.8	34.2

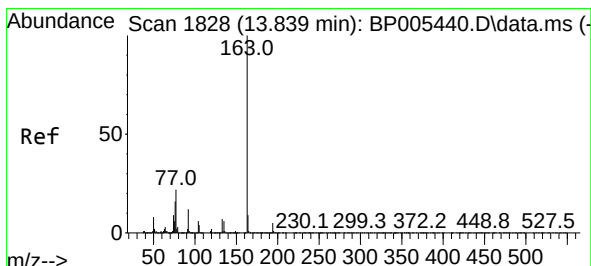
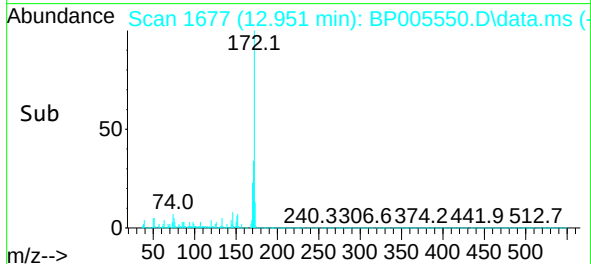
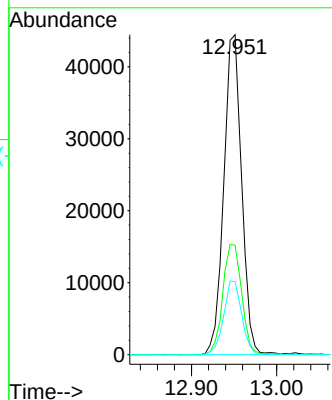
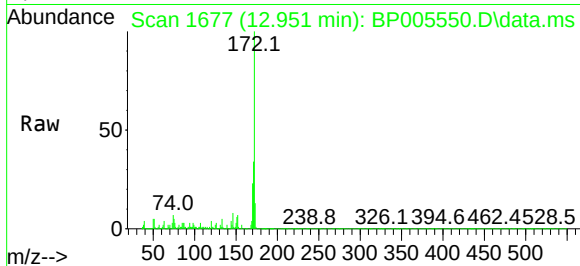




#45
2-Fluorobiphenyl
Concen: 20.37 ng
RT: 12.951 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BP005550.D
Acq: 14 May 2021 15:52

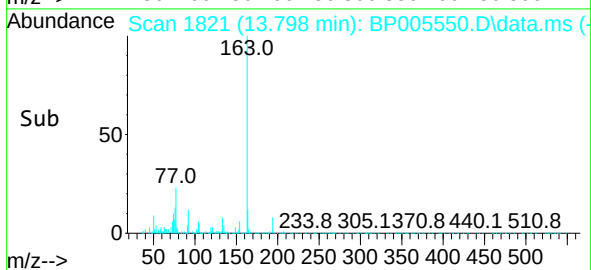
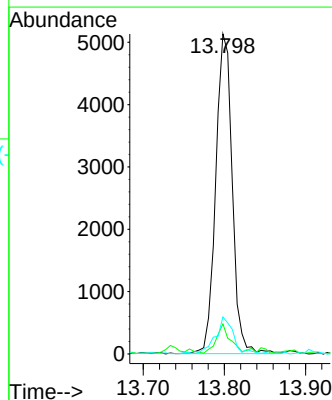
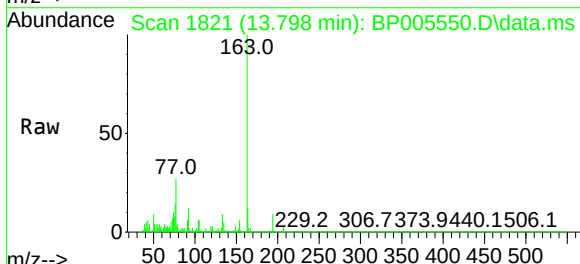
Instrument :
BNA_P
ClientSampleId :
OR-02-051221

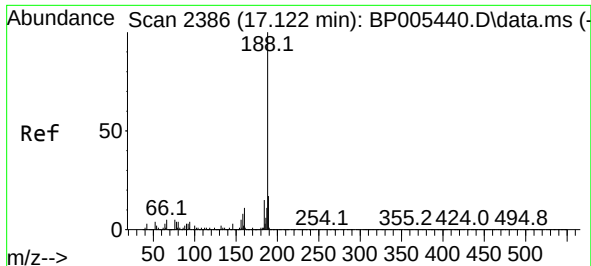
Tgt Ion:172	Resp:	64687
Ion Ratio	Lower	Upper
172	100	
171	34.2	28.1 42.1
170	22.9	19.6 29.4



#50
Dimethylphthalate
Concen: 2.35 ng
RT: 13.798 min Scan# 1821
Delta R.T. -0.012 min
Lab File: BP005550.D
Acq: 14 May 2021 15:52

Tgt Ion:163	Resp:	7251
Ion Ratio	Lower	Upper
163	100	
194	9.4	3.9 5.9#
164	13.4	8.1 12.1#

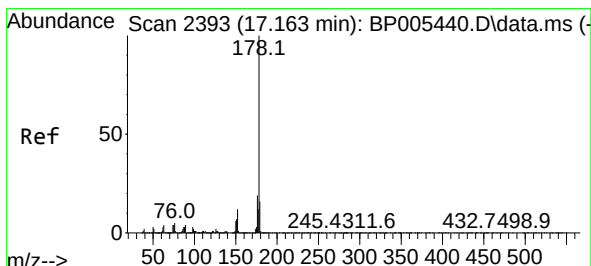
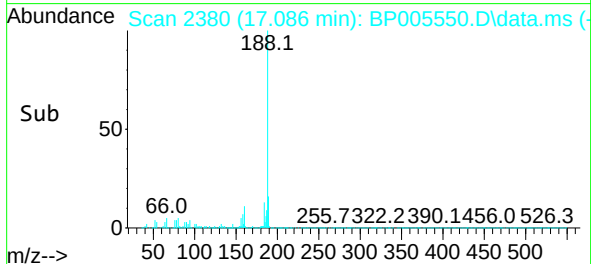
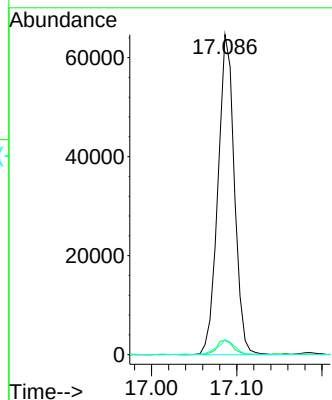
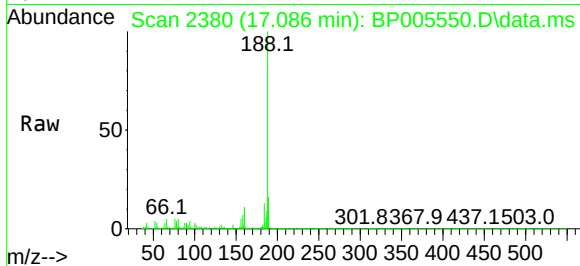




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.086 min Scan# 2380
Delta R.T. -0.000 min
Lab File: BP005550.D
Acq: 14 May 2021 15:52

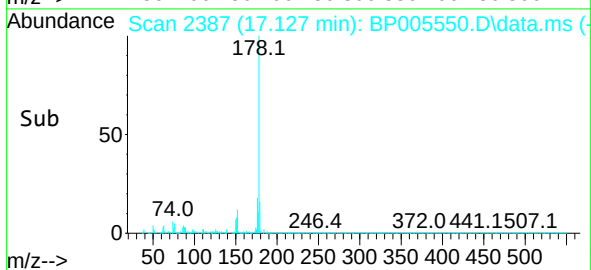
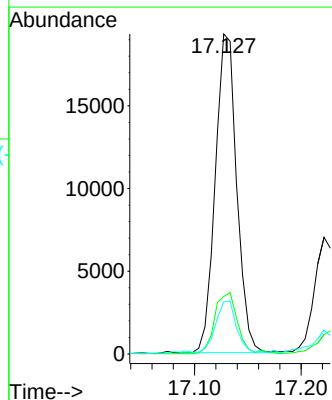
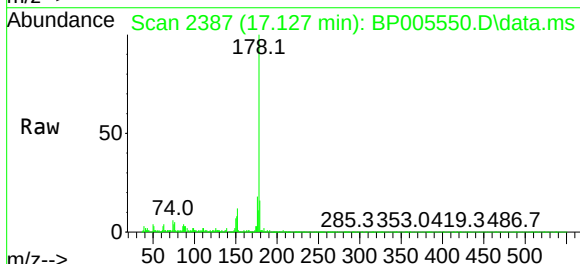
Instrument :
BNA_P
ClientSampleId :
OR-02-051221

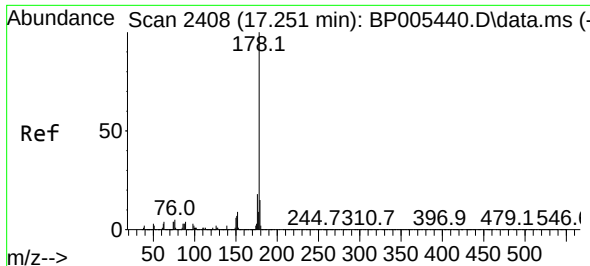
Tgt Ion:188 Resp: 86416
Ion Ratio Lower Upper
188 100
94 4.5 5.0 7.6#
80 4.7 5.9 8.9#



#71
Phenanthrene
Concen: 5.48 ng
RT: 17.127 min Scan# 2387
Delta R.T. -0.006 min
Lab File: BP005550.D
Acq: 14 May 2021 15:52

Tgt Ion:178 Resp: 26927
Ion Ratio Lower Upper
178 100
176 17.9 15.4 23.2
179 16.3 12.3 18.5

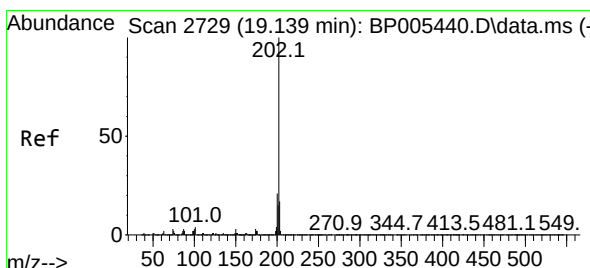
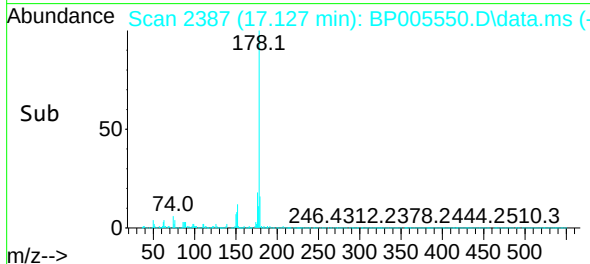
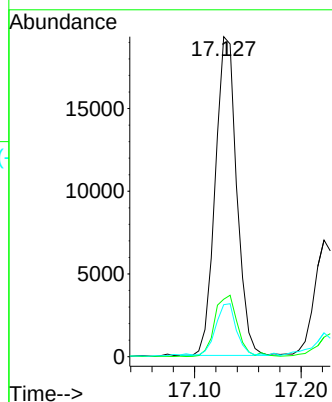
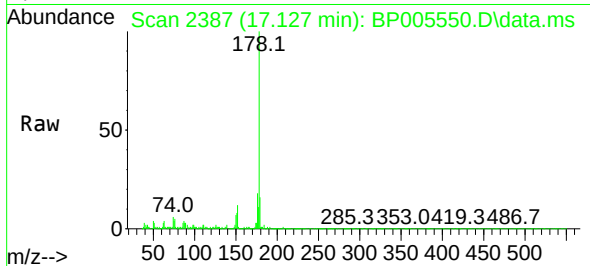




#72
 Anthracene
 Concen: 5.53 ng
 RT: 17.127 min Scan# 2387
 Delta R.T. -0.100 min
 Lab File: BP005550.D
 Acq: 14 May 2021 15:52

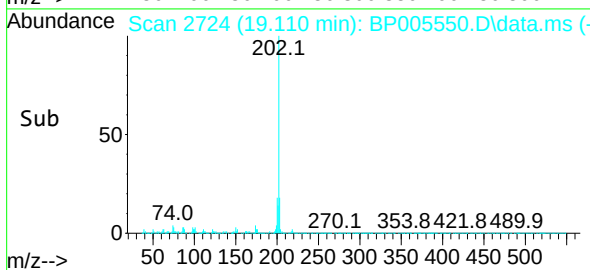
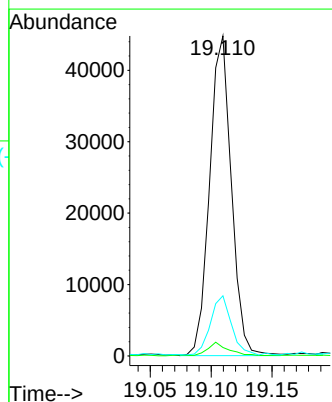
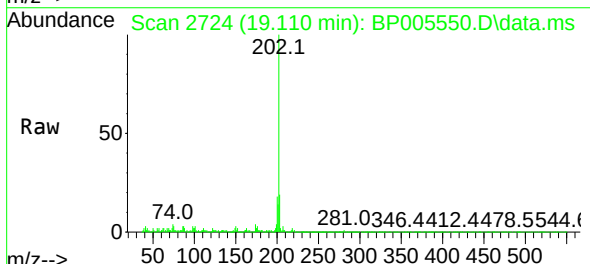
Instrument :
 BNA_P
 ClientSampleId :
 OR-02-051221

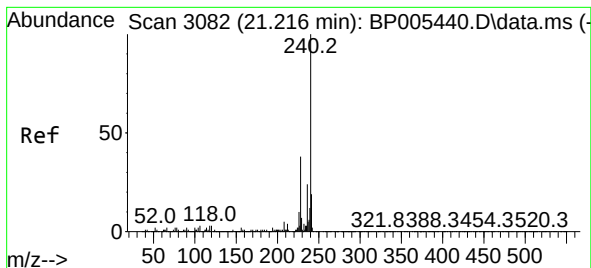
Tgt Ion:178	Resp:	26927
Ion Ratio	Lower	Upper
178	100	
176	17.9	15.2 22.8
179	16.3	12.6 19.0



#75
 Fluoranthene
 Concen: 8.22 ng
 RT: 19.110 min Scan# 2724
 Delta R.T. -0.000 min
 Lab File: BP005550.D
 Acq: 14 May 2021 15:52

Tgt Ion:202	Resp:	55550
Ion Ratio	Lower	Upper
202	100	
101	2.7	0.0 26.1
203	18.8	0.0 37.2

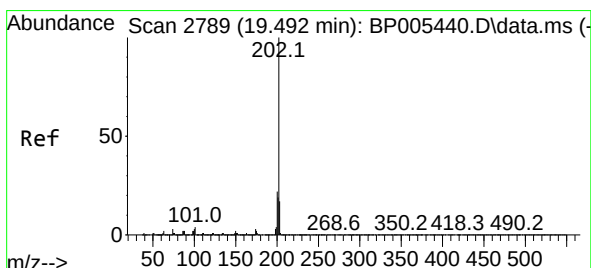
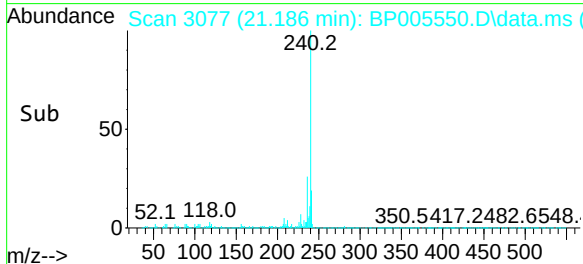
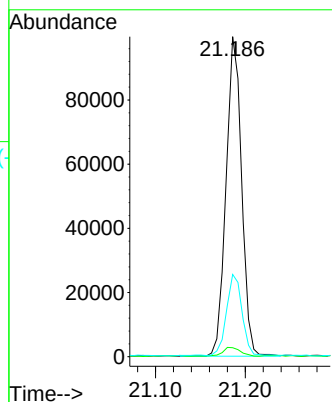
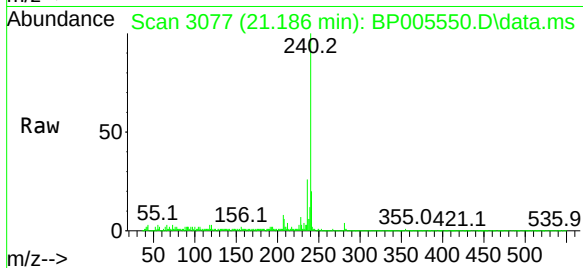




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.186 min Scan# 3077
Delta R.T. -0.006 min
Lab File: BP005550.D
Acq: 14 May 2021 15:52

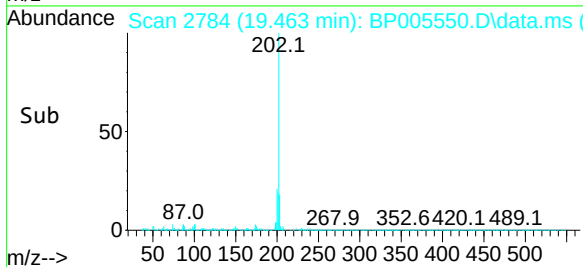
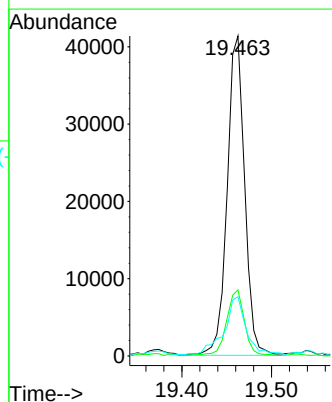
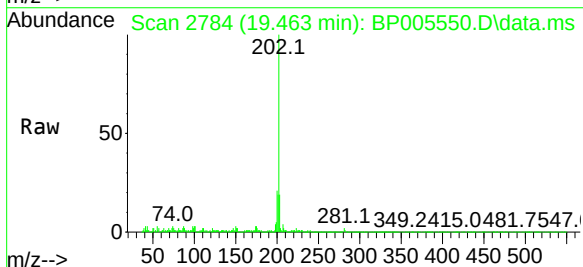
Instrument :
BNA_P
ClientSampleId :
OR-02-051221

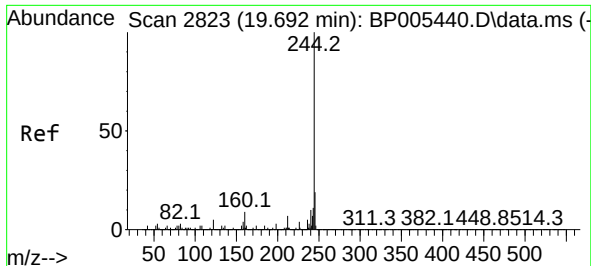
Tgt Ion:240 Resp: 120269
Ion Ratio Lower Upper
240 100
120 2.8 4.2 6.2#
236 25.7 20.2 30.2



#78
Pyrene
Concen: 8.24 ng
RT: 19.463 min Scan# 2784
Delta R.T. -0.000 min
Lab File: BP005550.D
Acq: 14 May 2021 15:52

Tgt Ion:202 Resp: 56100
Ion Ratio Lower Upper
202 100
200 20.7 16.9 25.3
203 18.5 13.8 20.6

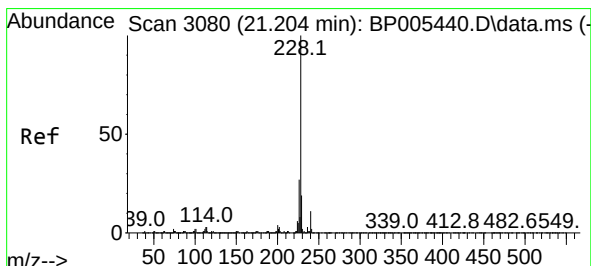
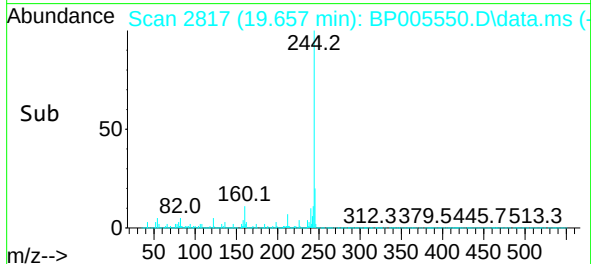
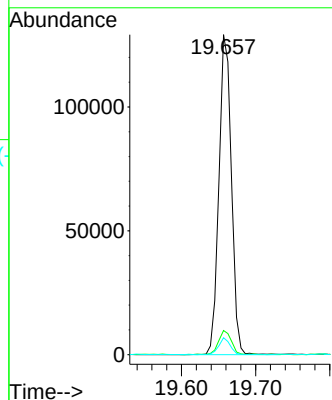
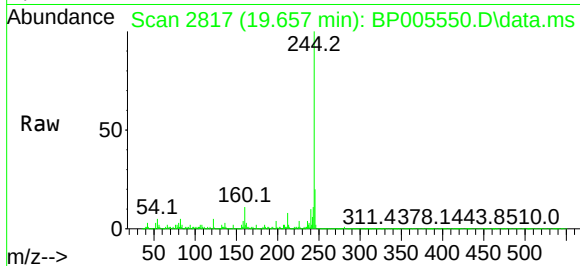




#79
 Terphenyl-d14
 Concen: 21.31 ng
 RT: 19.657 min Scan# 2817
 Delta R.T. -0.006 min
 Lab File: BP005550.D
 Acq: 14 May 2021 15:52

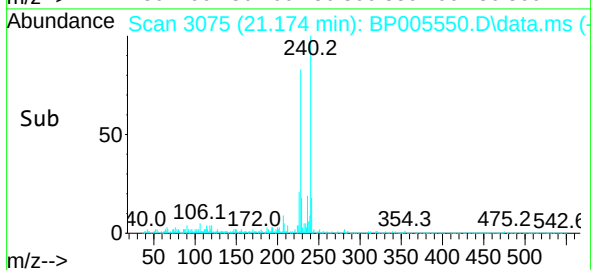
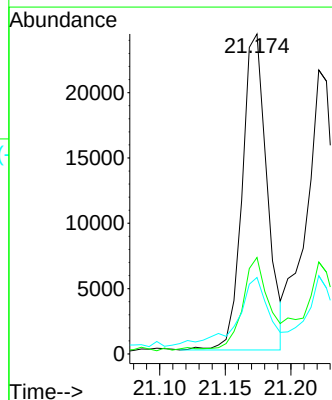
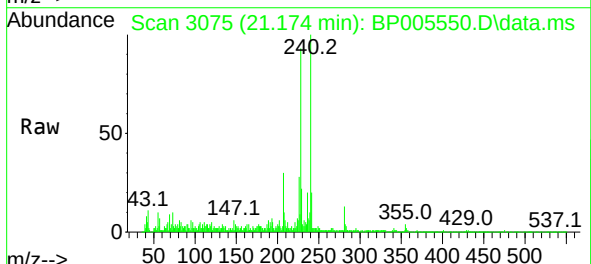
Instrument :
 BNA_P
 ClientSampleId :
 OR-02-051221

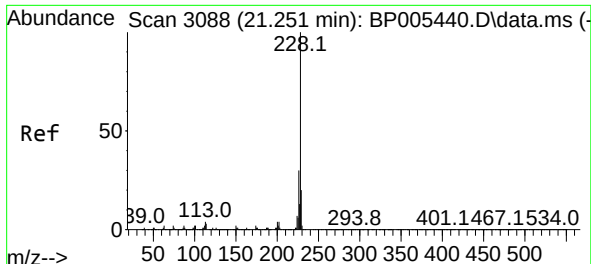
Tgt Ion:244 Resp: 150950
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.6
 122 6.0 5.2 7.8



#81
 Benzo(a)anthracene
 Concen: 4.08 ng
 RT: 21.174 min Scan# 3075
 Delta R.T. -0.000 min
 Lab File: BP005550.D
 Acq: 14 May 2021 15:52

Tgt Ion:228 Resp: 31827
 Ion Ratio Lower Upper
 228 100
 226 30.1 21.2 31.8
 229 23.9 15.6 23.4#

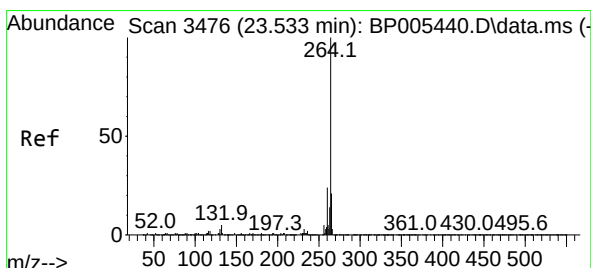
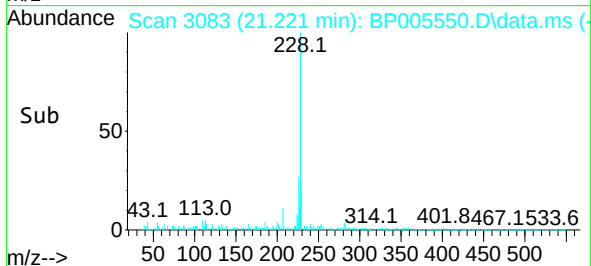
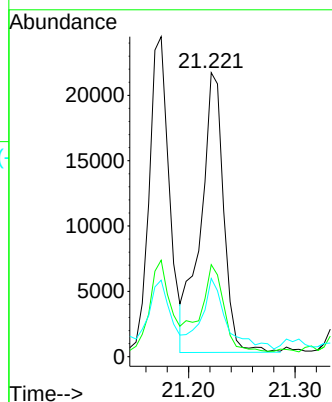
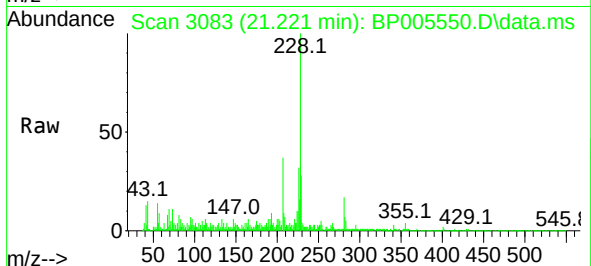




#83
Chrysene
Concen: 4.28 ng
RT: 21.221 min Scan# 3083
Delta R.T. -0.006 min
Lab File: BP005550.D
Acq: 14 May 2021 15:52

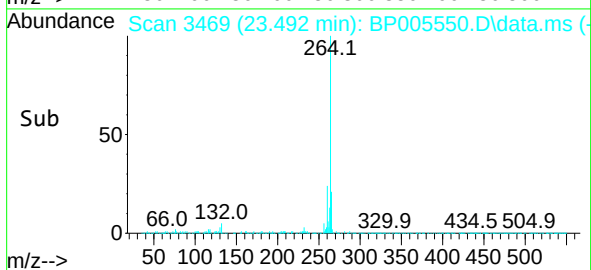
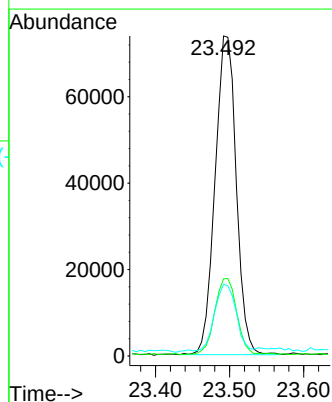
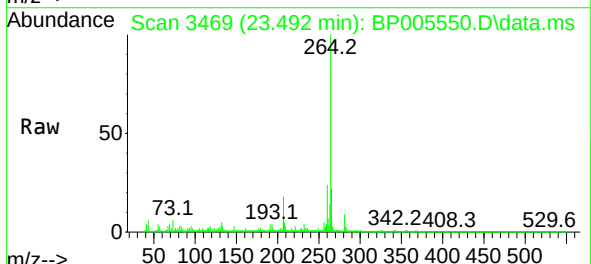
Instrument :
BNA_P
ClientSampleId :
OR-02-051221

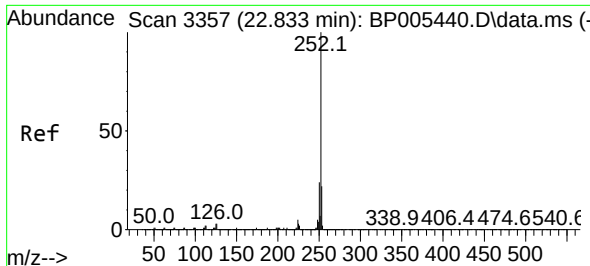
Tgt Ion:228 Resp: 32295
Ion Ratio Lower Upper
228 100
226 32.4 24.8 37.2
229 27.5 15.4 23.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.492 min Scan# 3469
Delta R.T. -0.006 min
Lab File: BP005550.D
Acq: 14 May 2021 15:52

Tgt Ion:264 Resp: 146516
Ion Ratio Lower Upper
264 100
260 24.1 20.6 30.8
265 22.4 19.0 28.6

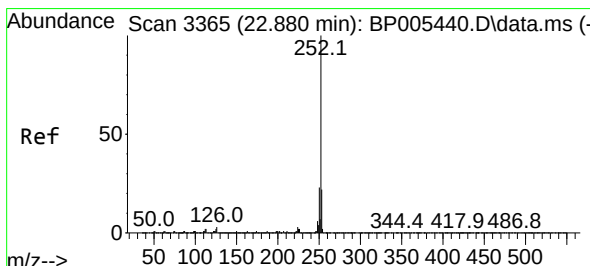
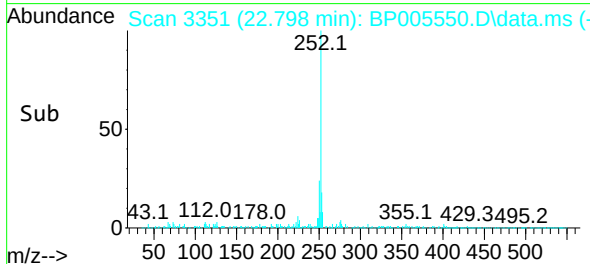
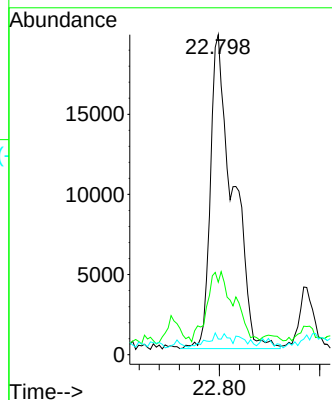
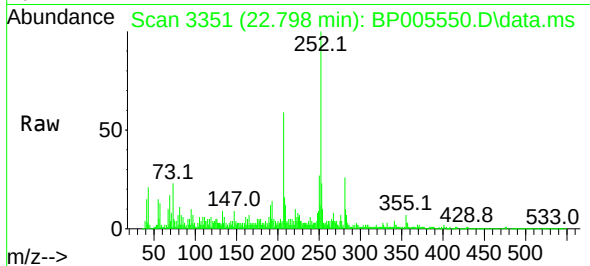




#88
Benzo(b)fluoranthene
Concen: 6.28 ng
RT: 22.798 min Scan# 3351
Delta R.T. -0.000 min
Lab File: BP005550.D
Acq: 14 May 2021 15:52

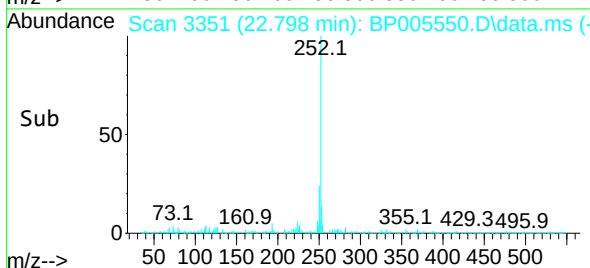
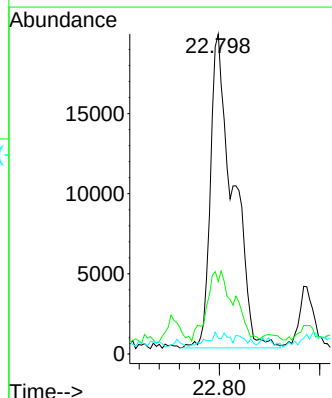
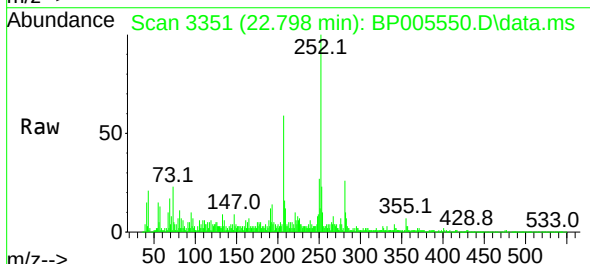
Instrument :
BNA_P
ClientSampleId :
OR-02-051221

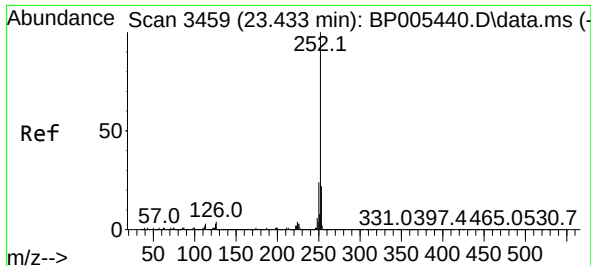
Tgt Ion:252 Resp: 61360
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 4.9 3.4 5.0



#89
Benzo(k)fluoranthene
Concen: 6.43 ng
RT: 22.798 min Scan# 3351
Delta R.T. -0.047 min
Lab File: BP005550.D
Acq: 14 May 2021 15:52

Tgt Ion:252 Resp: 61360
Ion Ratio Lower Upper
252 100
253 22.7 17.2 25.8
125 4.9 3.8 5.6

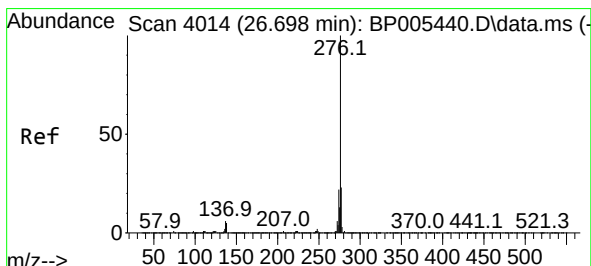
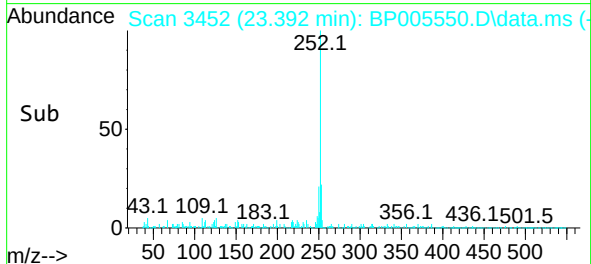
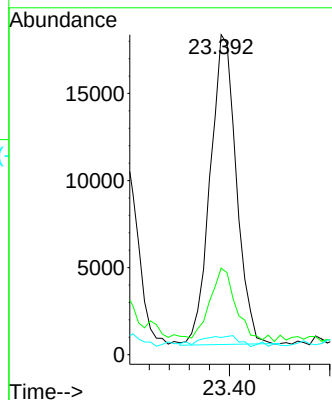
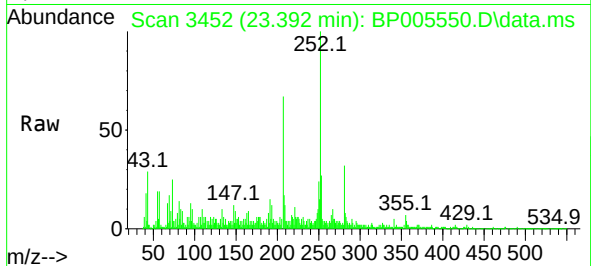




#90
Benzo(a)pyrene
Concen: 3.59 ng
RT: 23.392 min Scan# 3452
Delta R.T. -0.006 min
Lab File: BP005550.D
Acq: 14 May 2021 15:52

Instrument :
BNA_P
ClientSampleId :
OR-02-051221

Tgt Ion:252 Resp: 32098
Ion Ratio Lower Upper
252 100
253 27.0 17.1 25.7#
125 5.4 3.8 5.6



#92
Benzo(g,h,i)perylene
Concen: 2.51 ng
RT: 26.633 min Scan# 4003
Delta R.T. -0.006 min
Lab File: BP005550.D
Acq: 14 May 2021 15:52

Tgt Ion:276 Resp: 25260
Ion Ratio Lower Upper
276 100
277 26.3 19.8 29.8
138 4.2 7.7 11.5#

