

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051421\
 Data File : BP005561.D
 Acq On : 14 May 2021 22:05
 Operator : CG/JU
 Sample : M2392-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-01-COMP

Quant Time: May 14 22:57:42 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)

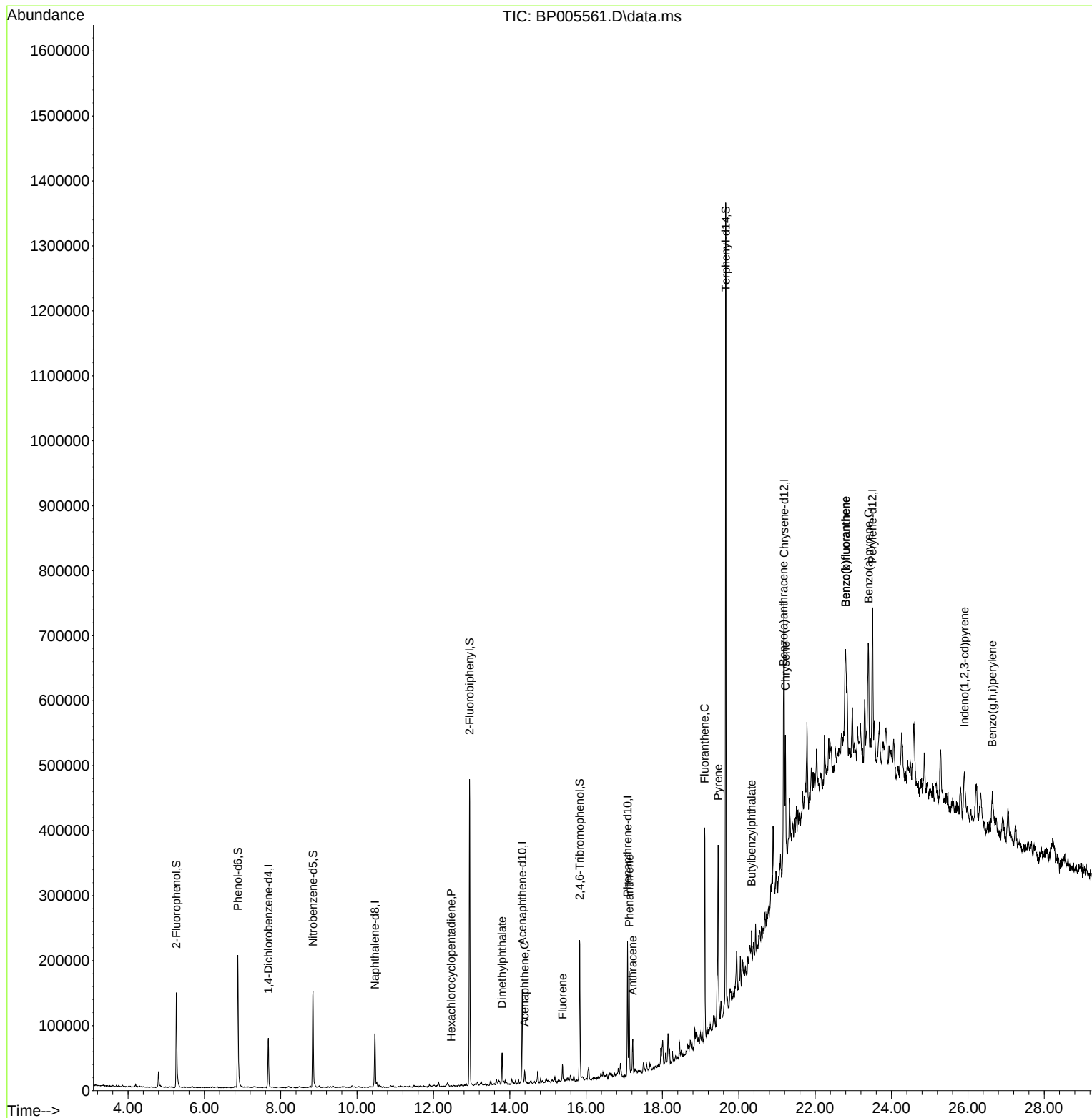
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	16898	20.00	ng	0.00
21) Naphthalene-d8	10.469	136	52388	20.00	ng	# 0.00
39) Acenaphthene-d10	14.328	164	41760	20.00	ng	0.00
64) Phenanthrene-d10	17.087	188	103857	20.00	ng	# 0.00
76) Chrysene-d12	21.186	240	145812	20.00	ng	0.00
86) Perylene-d12	23.498	264	171018	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.270	112	51143	58.08	ng	0.00
7) Phenol-d6	6.875	99	89151	81.20	ng	0.00
23) Nitrobenzene-d5	8.846	82	78931	59.30	ng	0.00
42) 2,4,6-Tribromophenol	15.834	330	42099	35.53	ng	0.00
45) 2-Fluorobiphenyl	12.946	172	202467	54.69	ng	0.00
79) Terphenyl-d14	19.657	244	484648	56.45	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.164	88	88	Below Cal	#	1
9) Benzaldehyde	6.828	77	134	Below Cal	#	46
41) Hexachlorocyclopentadiene	12.469	237	9	7.88	ng	72
50) Dimethylphthalate	13.799	163	24505	6.80	ng	# 97
52) Acenaphthene	14.393	154	5501	2.29	ng	89
58) Fluorene	15.381	166	9957	2.70	ng	97
71) Phenanthrene	17.128	178	83739	14.19	ng	99
72) Anthracene	17.222	178	28546	4.87	ng	97
75) Fluoranthene	19.104	202	177907	21.92	ng	97
78) Pyrene	19.457	202	155473	18.83	ng	99
80) Butylbenzylphthalate	20.333	149	10267	3.85	ng	# 78
81) Benzo(a)anthracene	21.169	228	111868	11.84	ng	# 93
83) Chrysene	21.222	228	95261	10.40	ng	# 95
87) Indeno(1,2,3-cd)pyrene	25.910	276	68774	4.78	ng	# 98
88) Benzo(b)fluoranthene	22.798	252	150427	13.20	ng	95
89) Benzo(k)fluoranthene	22.798	252	150427	13.50	ng	92
90) Benzo(a)pyrene	23.398	252	109786	10.51	ng	# 90
92) Benzo(g,h,i)perylene	26.639	276	66332	5.65	ng	# 93

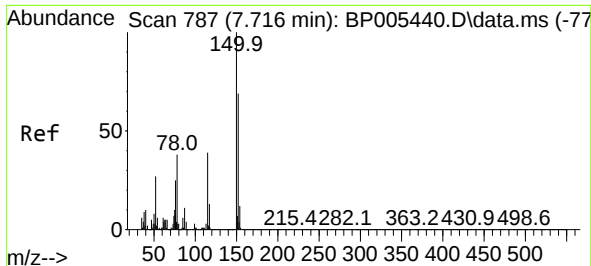
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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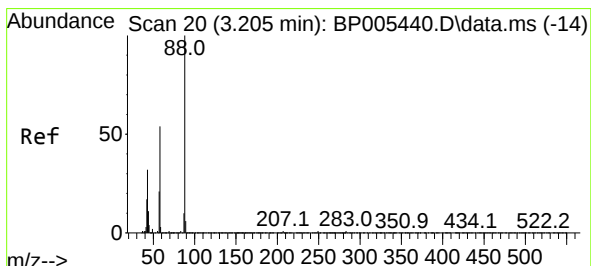
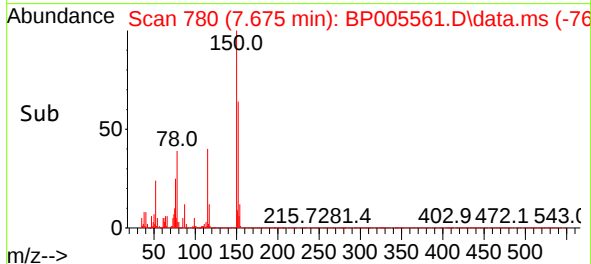
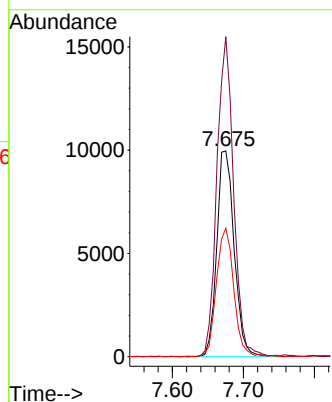
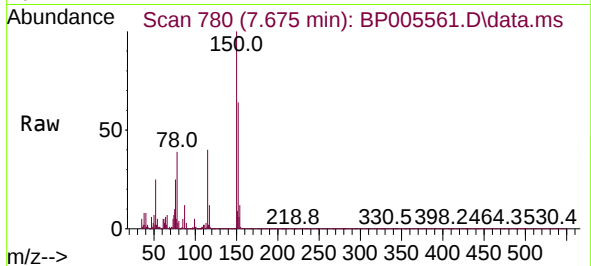




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.675 min Scan# 780
 Delta R.T. 0.000 min
 Lab File: BP005561.D
 Acq: 14 May 2021 22:05

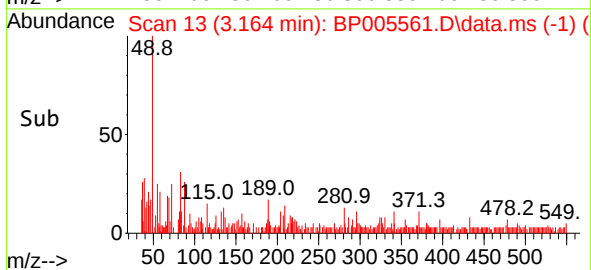
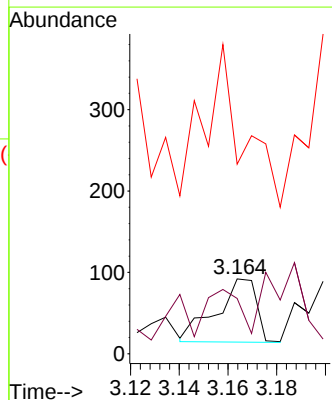
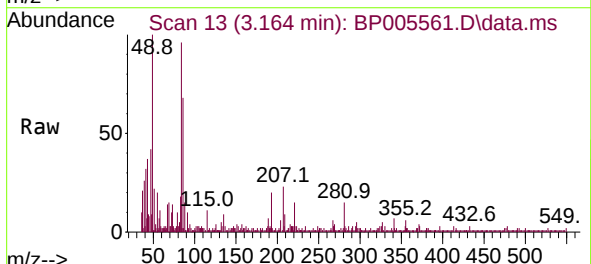
Instrument :
 BNA_P
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 SB-01-COMP

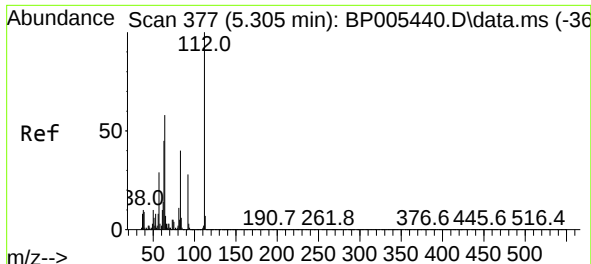
Tgt Ion:152 Resp: 16898
 Ion Ratio Lower Upper
 152 100
 150 155.5 119.8 179.8
 115 62.4 49.0 73.4



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.164 min Scan# 13
 Delta R.T. 0.006 min
 Lab File: BP005561.D
 Acq: 14 May 2021 22:05

Tgt Ion: 88 Resp: 88
 Ion Ratio Lower Upper
 88 100
 58 62.5 42.5 63.7
 43 251.1 19.8 29.8#

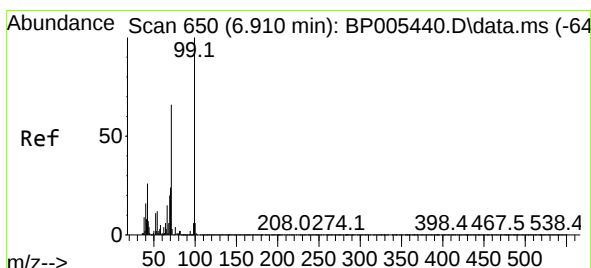
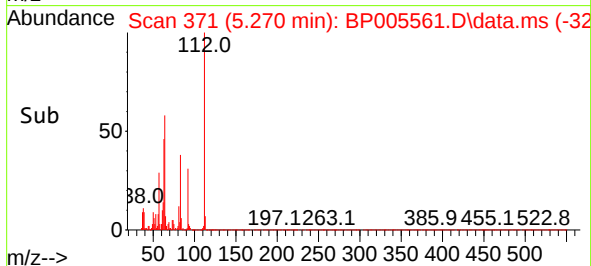
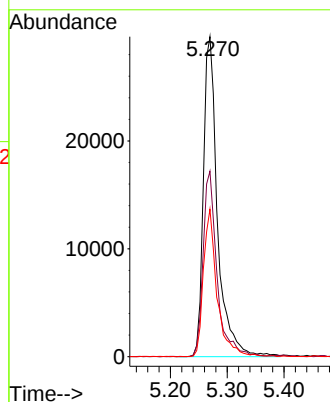
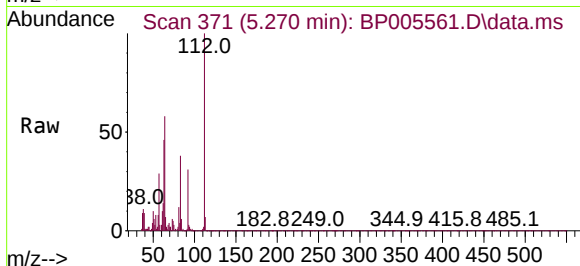




#5
2-Fluorophenol
Concen: 58.08 ng
RT: 5.270 min Scan# 371
Delta R.T. 0.000 min
Lab File: BP005561.D
Acq: 14 May 2021 22:05

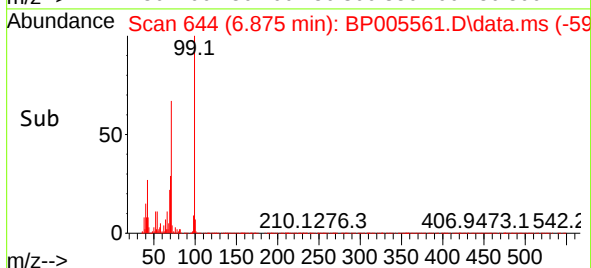
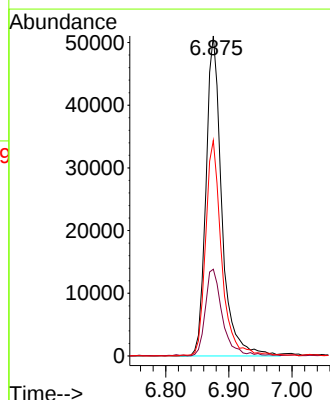
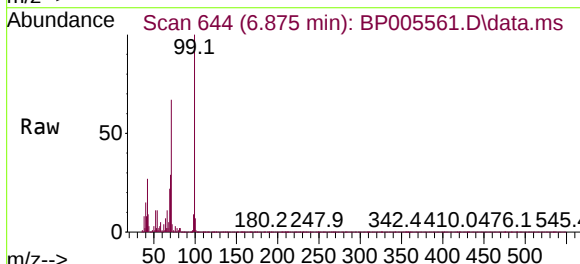
Instrument :
BNA_P
ClientSampleId :
SB-01-COMP

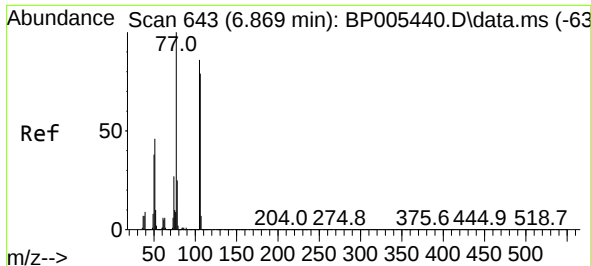
Tgt Ion:112 Resp: 51143
Ion Ratio Lower Upper
112 100
64 57.9 33.6 50.4#
63 46.1 18.6 27.8#



#7
Phenol-d6
Concen: 81.20 ng
RT: 6.875 min Scan# 644
Delta R.T. -0.006 min
Lab File: BP005561.D
Acq: 14 May 2021 22:05

Tgt Ion: 99 Resp: 89151
Ion Ratio Lower Upper
99 100
42 27.1 12.9 19.3#
71 67.3 26.7 40.1#

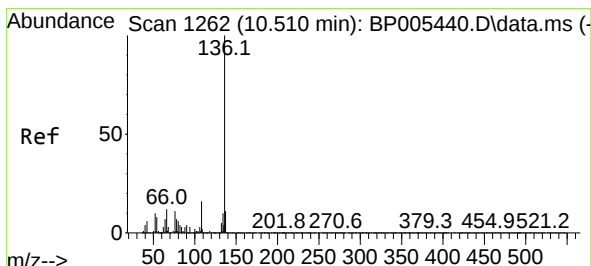
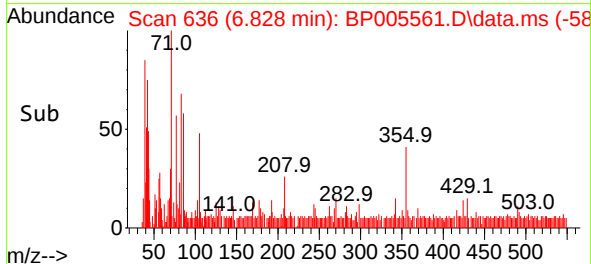
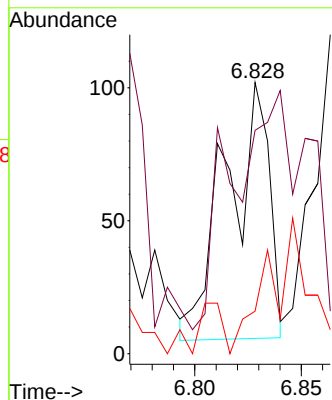
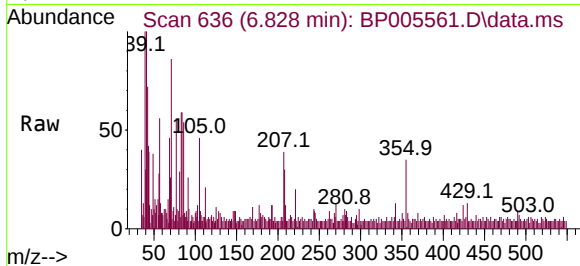




#9
Benzaldehyde
Concen: Below Cal
RT: 6.828 min Scan# 636
Delta R.T. 0.000 min
Lab File: BP005561.D
Acq: 14 May 2021 22:05

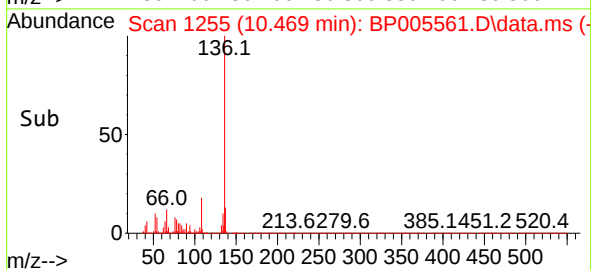
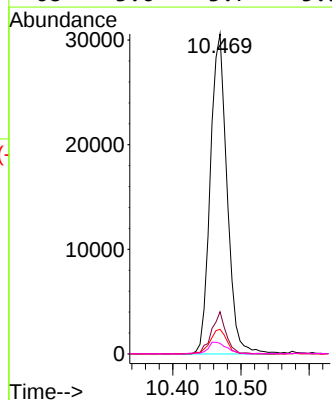
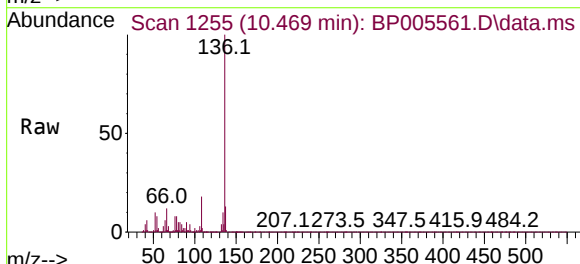
Instrument :
BNA_P
ClientSampleId :
SB-01-COMP

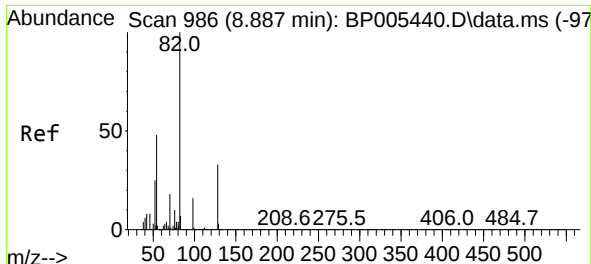
Tgt Ion: 77 Resp: 134
Ion Ratio Lower Upper
77 100
105 82.4 89.4 129.4#
106 15.7 79.9 119.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.469 min Scan# 1255
Delta R.T. 0.000 min
Lab File: BP005561.D
Acq: 14 May 2021 22:05

Tgt Ion:136 Resp: 52388
Ion Ratio Lower Upper
136 100
137 13.2 8.9 13.3
54 7.7 5.0 7.4#
68 3.6 3.7 5.5#





#23

Nitrobenzene-d5

Concen: 59.30 ng

RT: 8.846 min Scan# 979

Delta R.T. -0.006 min

Lab File: BP005561.D

Acq: 14 May 2021 22:05

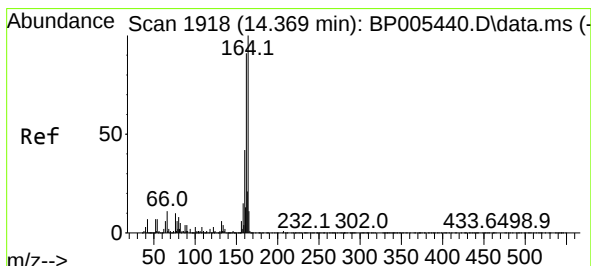
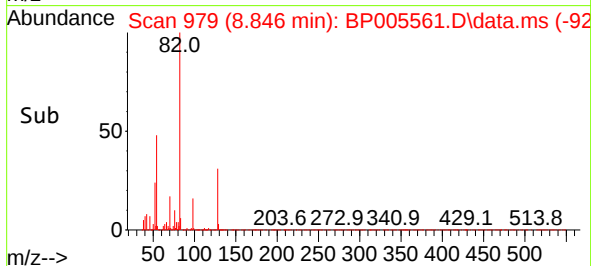
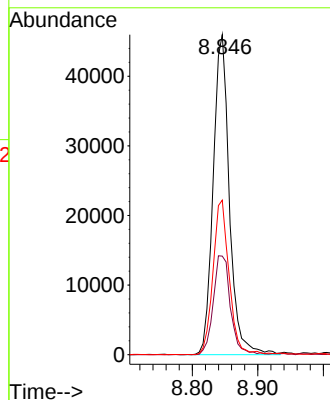
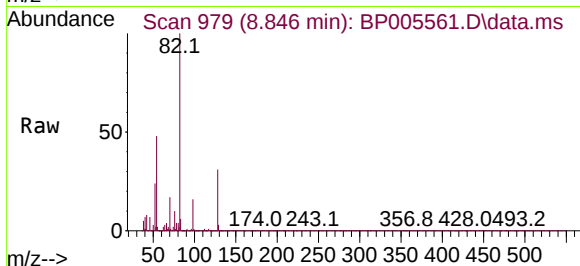
Instrument :

BNA_P

ClientSampleId :

SB-01-COMP

Tgt Ion:	82	Resp:	78931
Ion	Ratio	Lower	Upper
82	100		
128	30.8	30.5	45.7
54	48.3	33.9	50.9



#39

Acenaphthene-d10

Concen: 20.00 ng

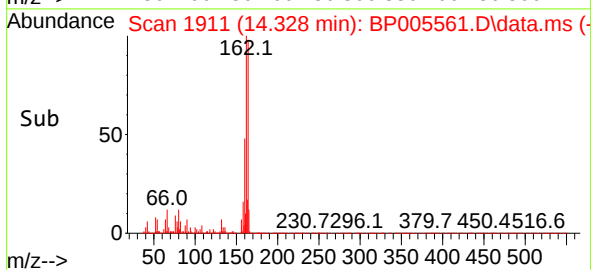
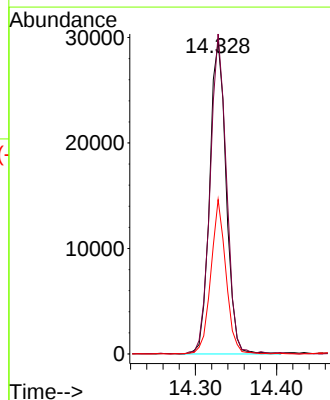
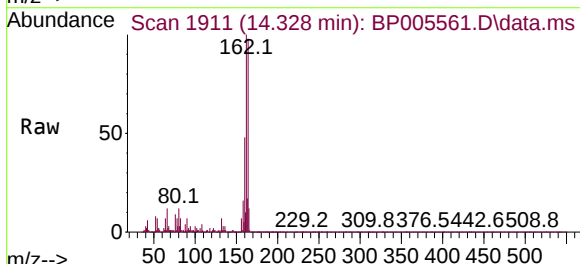
RT: 14.328 min Scan# 1911

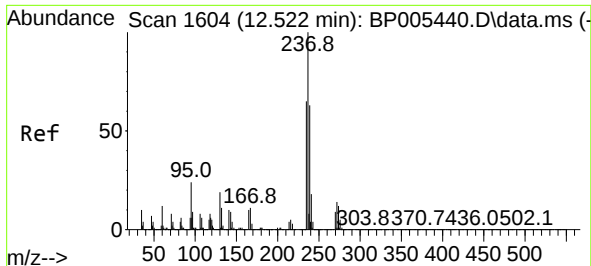
Delta R.T. -0.006 min

Lab File: BP005561.D

Acq: 14 May 2021 22:05

Tgt Ion:	164	Resp:	41760
Ion	Ratio	Lower	Upper
164	100		
162	102.5	73.5	110.3
160	49.5	40.6	61.0

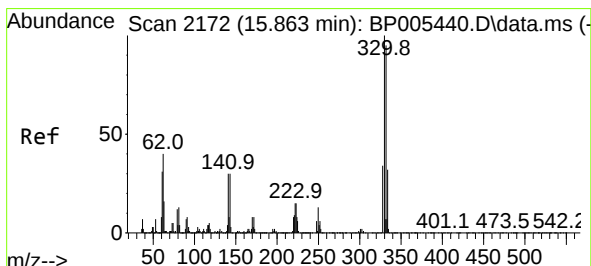
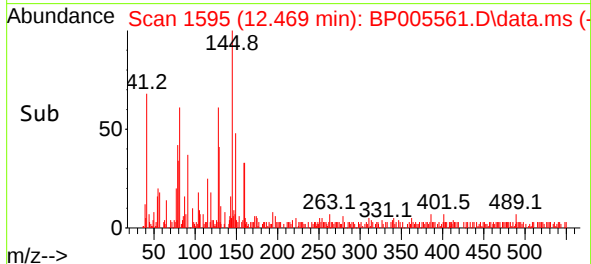
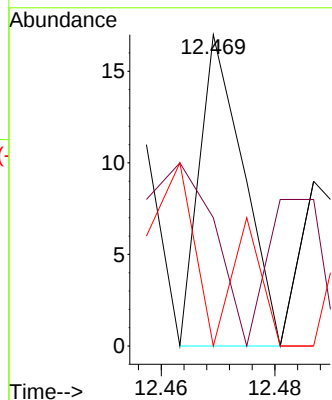
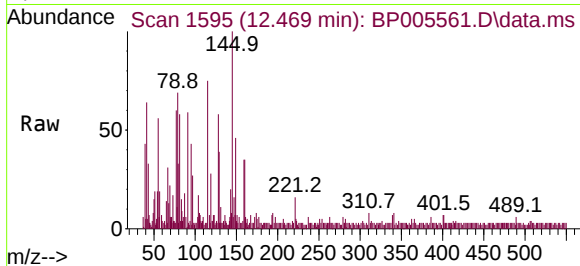




#41
Hexachlorocyclopentadiene
Concen: 7.88 ng
RT: 12.469 min Scan# 1595
Delta R.T. -0.012 min
Lab File: BP005561.D
Acq: 14 May 2021 22:05

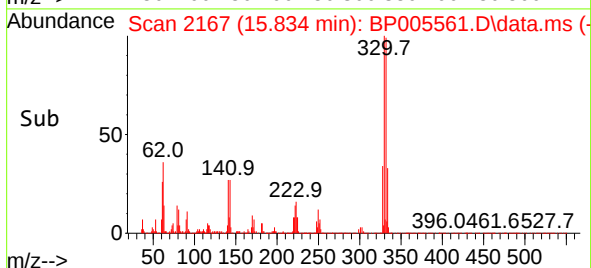
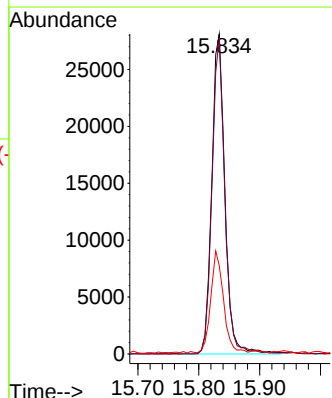
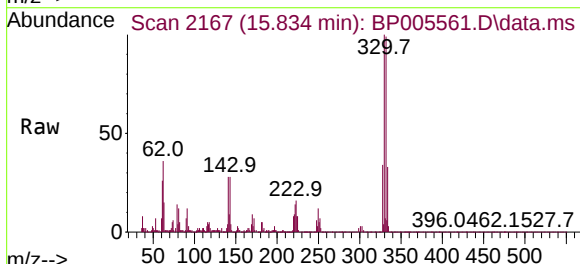
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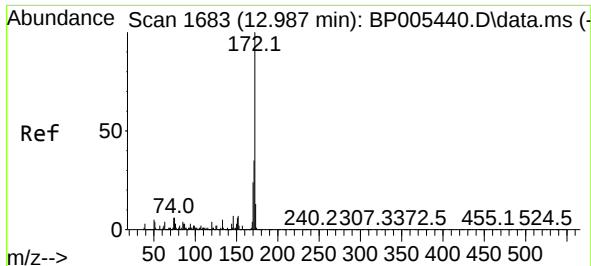
Tgt Ion:	237	Resp:	9
Ion	Ratio	Lower	Upper
237	100		
235	41.2	40.9	80.9
272	0.0	0.0	34.6



#42
2,4,6-Tribromophenol
Concen: 35.53 ng
RT: 15.834 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BP005561.D
Acq: 14 May 2021 22:05

Tgt Ion:	330	Resp:	42099
Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.3	114.5
141	31.1	22.8	34.2

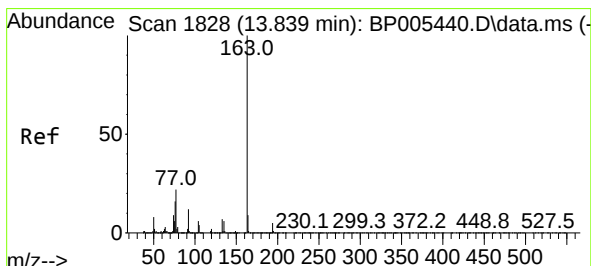
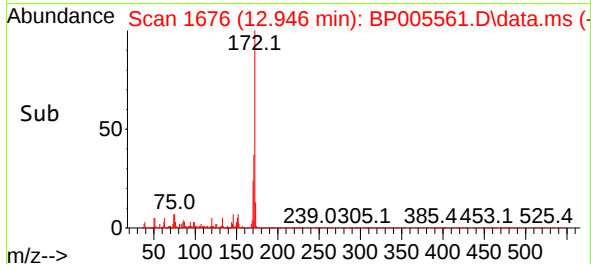
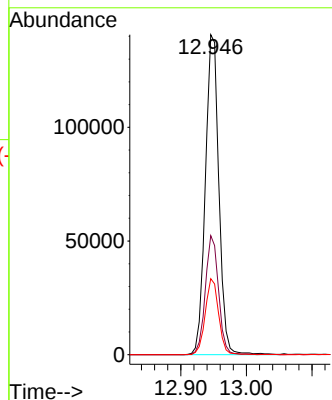
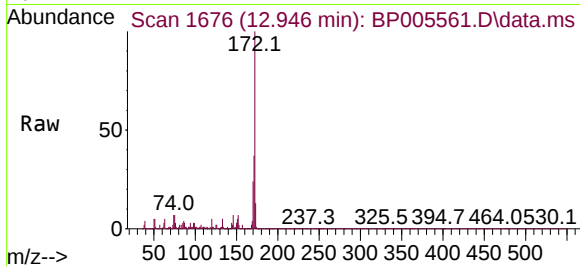




#45
2-Fluorobiphenyl
Concen: 54.69 ng
RT: 12.946 min Scan# 1676
Delta R.T. -0.006 min
Lab File: BP005561.D
Acq: 14 May 2021 22:05

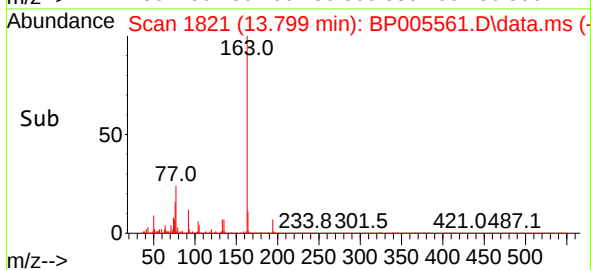
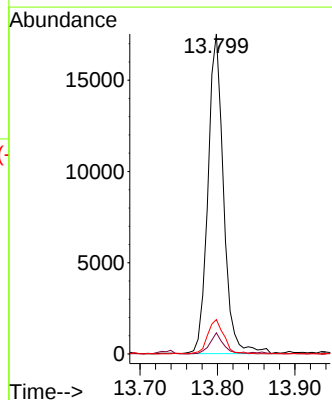
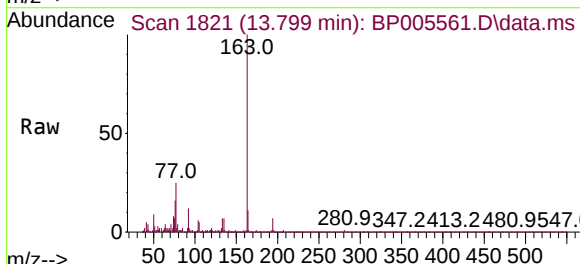
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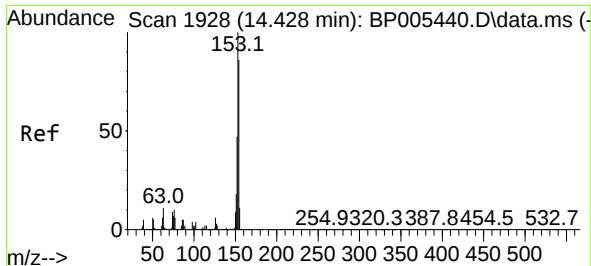
Tgt Ion:172 Resp: 202467
Ion Ratio Lower Upper
172 100
171 37.2 28.1 42.1
170 23.8 19.6 29.4



#50
Dimethylphthalate
Concen: 6.80 ng
RT: 13.799 min Scan# 1821
Delta R.T. -0.012 min
Lab File: BP005561.D
Acq: 14 May 2021 22:05

Tgt Ion:163 Resp: 24505
Ion Ratio Lower Upper
163 100
194 6.6 3.9 5.9#
164 10.8 8.1 12.1

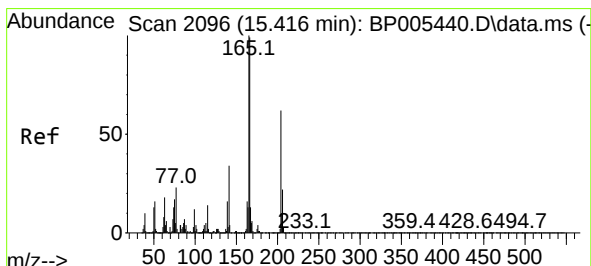
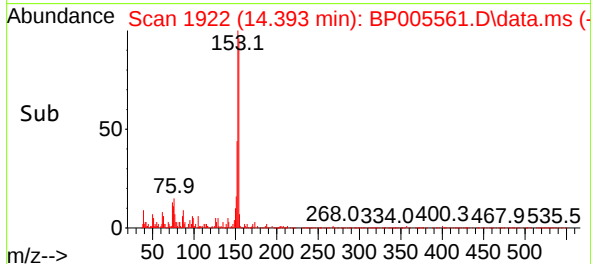
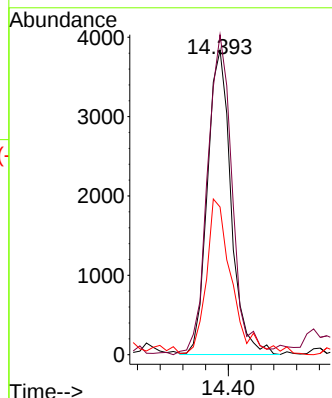
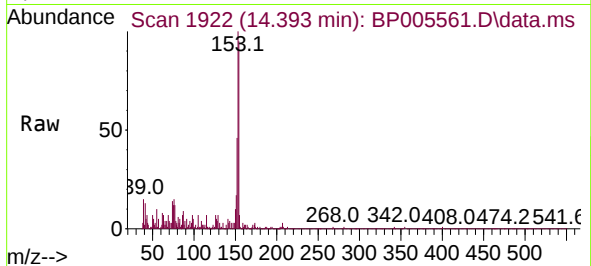




#52
Acenaphthene
Concen: 2.29 ng
RT: 14.393 min Scan# 1922
Delta R.T. -0.006 min
Lab File: BP005561.D
Acq: 14 May 2021 22:05

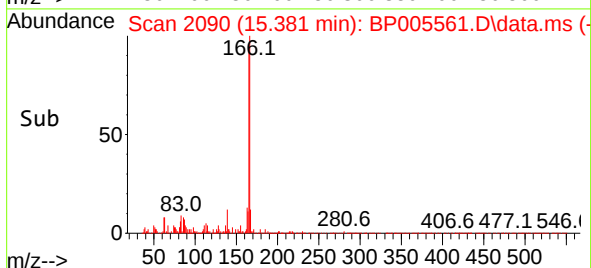
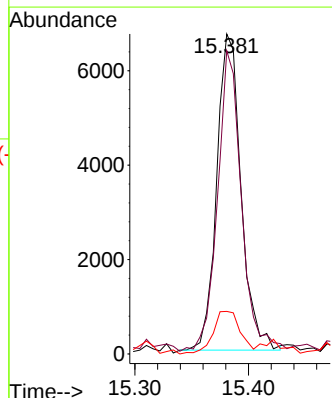
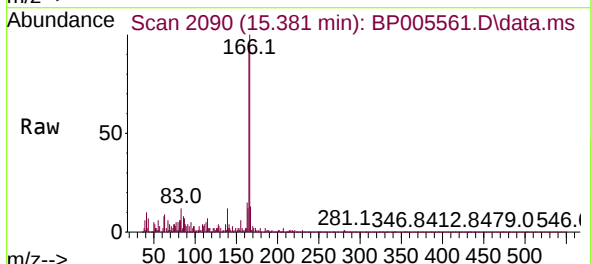
Instrument :
BNA_P
ClientSampleId :
SB-01-COMP

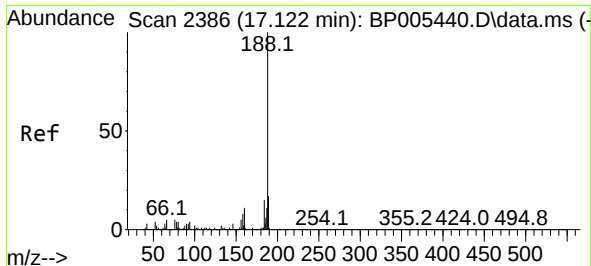
Tgt Ion:154	Resp:	5501
Ion Ratio	Lower	Upper
154	100	
153	105.1	90.9 136.3
152	48.5	48.5 72.7



#58
Fluorene
Concen: 2.70 ng
RT: 15.381 min Scan# 2090
Delta R.T. -0.006 min
Lab File: BP005561.D
Acq: 14 May 2021 22:05

Tgt Ion:166	Resp:	9957
Ion Ratio	Lower	Upper
166	100	
165	94.7	78.8 118.2
167	13.3	10.9 16.3

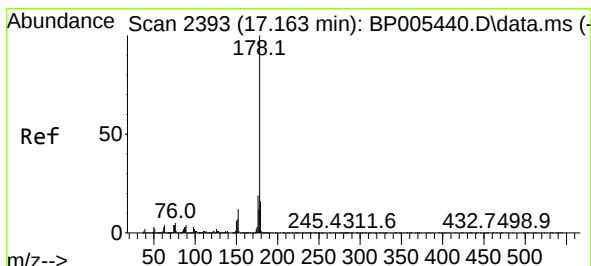
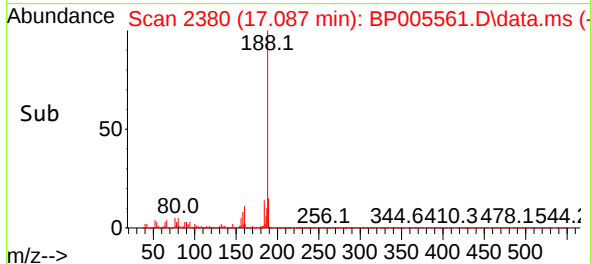
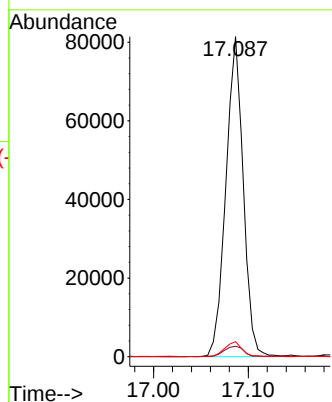
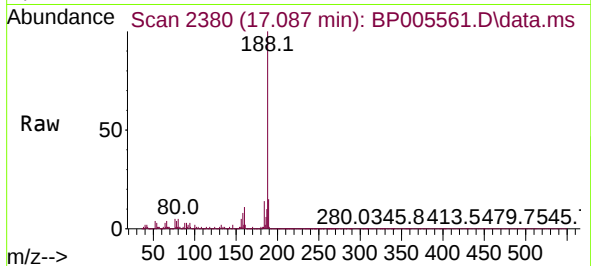




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.087 min Scan# 2380
Delta R.T. 0.000 min
Lab File: BP005561.D
Acq: 14 May 2021 22:05

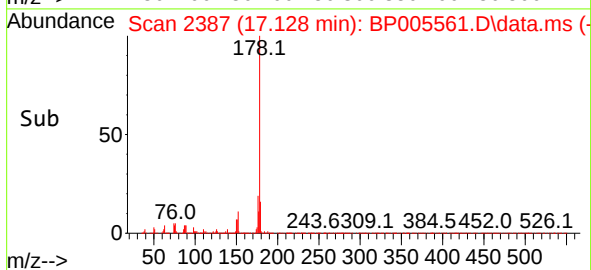
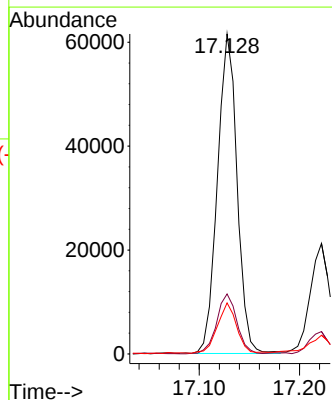
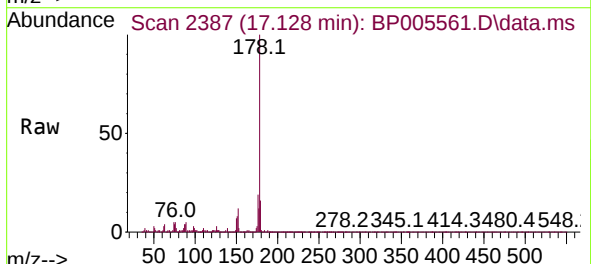
Instrument :
BNA_P
ClientSampleId :
SB-01-COMP

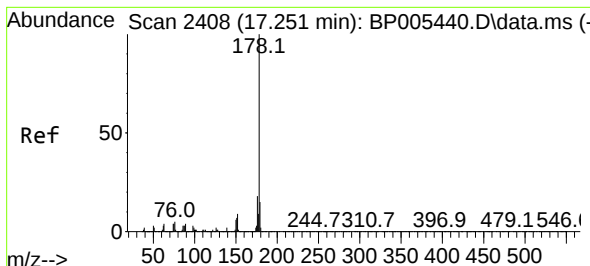
Tgt Ion:188 Resp: 103857
Ion Ratio Lower Upper
188 100
94 3.3 5.0 7.6#
80 4.7 5.9 8.9#



#71
Phenanthrene
Concen: 14.19 ng
RT: 17.128 min Scan# 2387
Delta R.T. -0.006 min
Lab File: BP005561.D
Acq: 14 May 2021 22:05

Tgt Ion:178 Resp: 83739
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.2
179 16.0 12.3 18.5





#72

Anthracene

Concen: 4.87 ng

RT: 17.222 min Scan# 2403

Delta R.T. -0.006 min

Lab File: BP005561.D

Acq: 14 May 2021 22:05

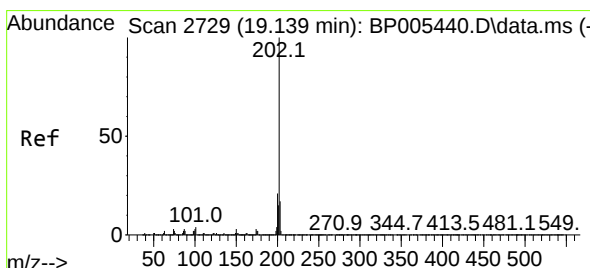
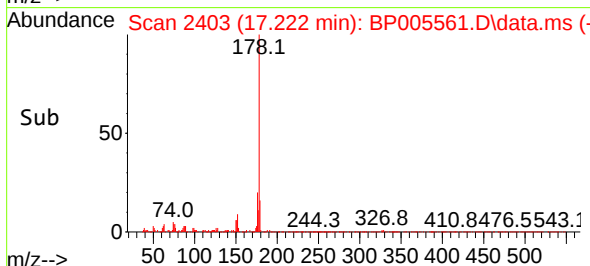
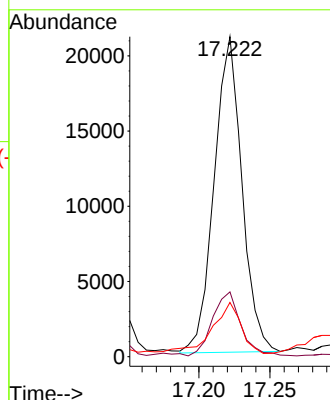
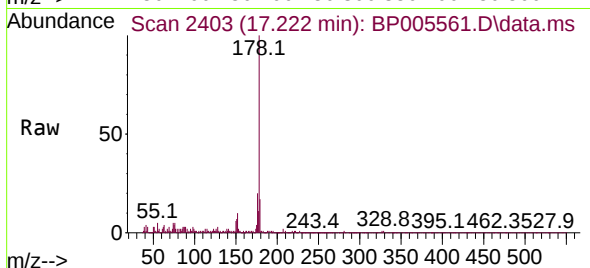
Instrument :

BNA_P

ClientSampleId :

SB-01-COMP

Tgt Ion:178	Resp:	28546
Ion Ratio	Lower	Upper
178	100	
176	20.3	15.2 22.8
179	17.0	12.6 19.0



#75

Fluoranthene

Concen: 21.92 ng

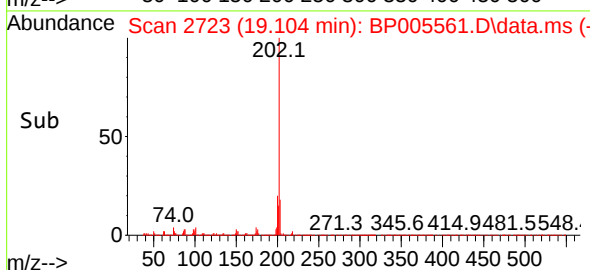
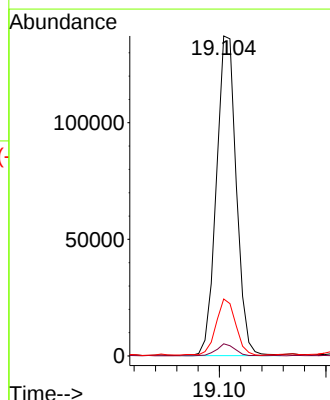
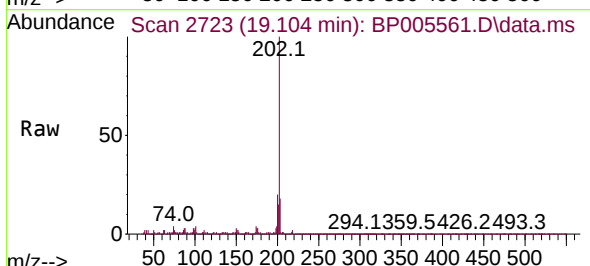
RT: 19.104 min Scan# 2723

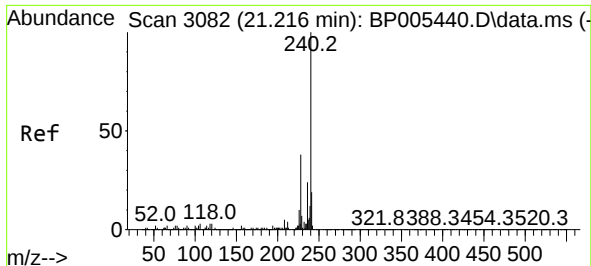
Delta R.T. -0.006 min

Lab File: BP005561.D

Acq: 14 May 2021 22:05

Tgt Ion:202	Resp:	177907
Ion Ratio	Lower	Upper
202	100	
101	3.8	0.0 26.1
203	17.8	0.0 37.2

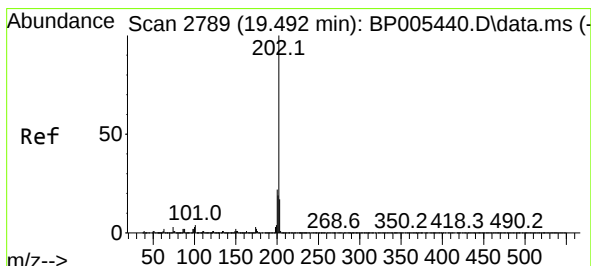
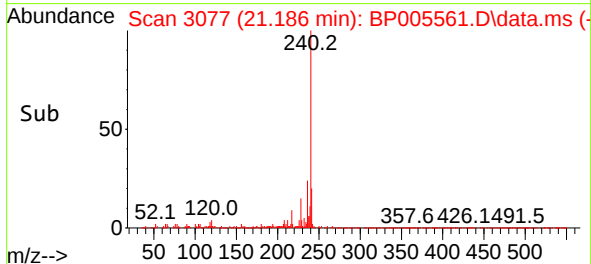
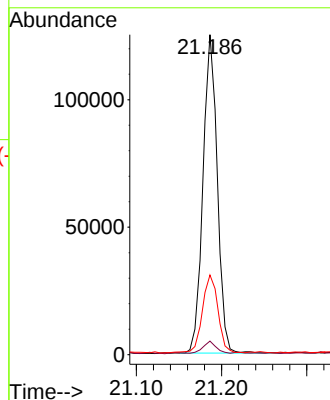
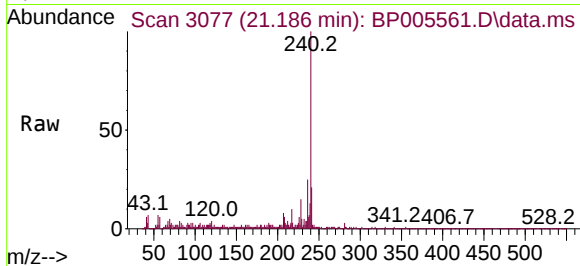




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.186 min Scan# 3077
Delta R.T. -0.006 min
Lab File: BP005561.D
Acq: 14 May 2021 22:05

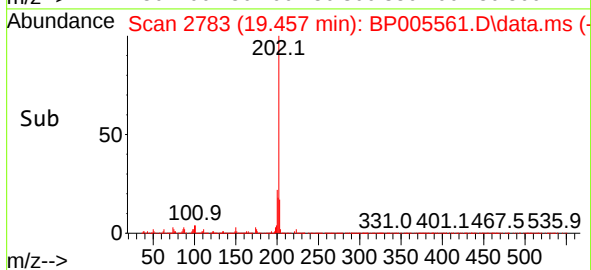
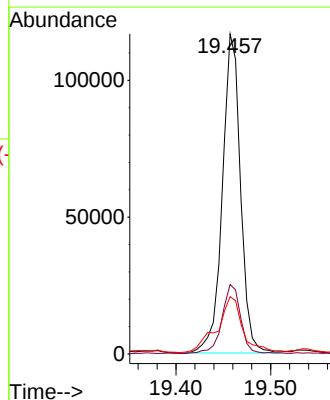
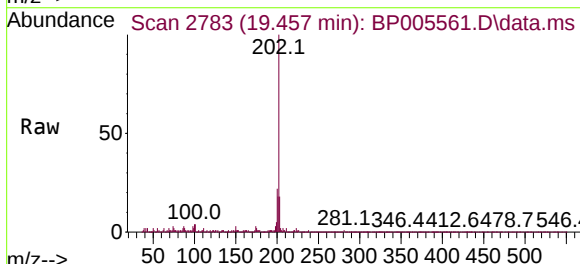
Instrument :
BNA_P
ClientSampleId :
SB-01-COMP

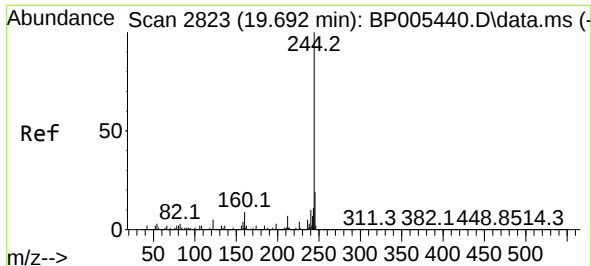
Tgt Ion:240 Resp: 145812
Ion Ratio Lower Upper
240 100
120 4.2 4.2 6.2
236 24.9 20.2 30.2



#78
Pyrene
Concen: 18.83 ng
RT: 19.457 min Scan# 2783
Delta R.T. -0.006 min
Lab File: BP005561.D
Acq: 14 May 2021 22:05

Tgt Ion:202 Resp: 155473
Ion Ratio Lower Upper
202 100
200 21.7 16.9 25.3
203 17.9 13.8 20.6

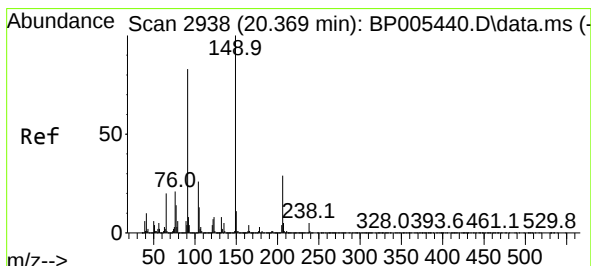
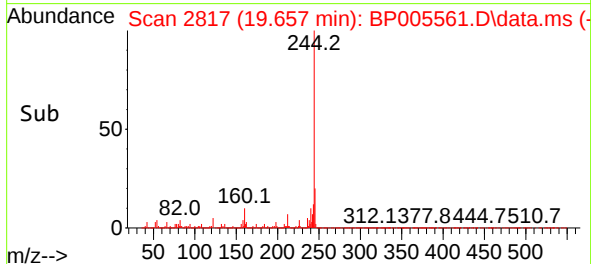
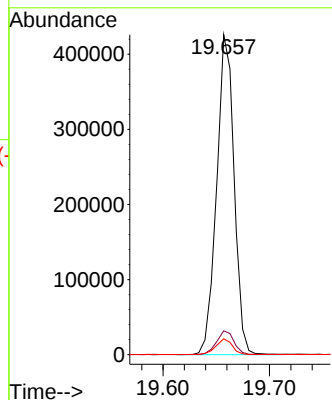
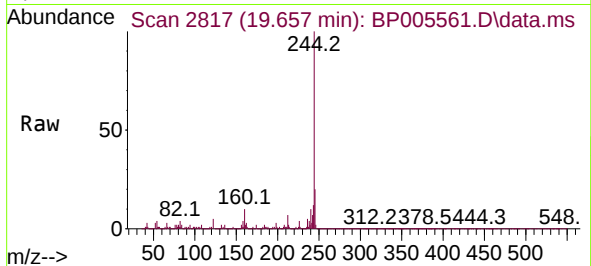




#79
Terphenyl-d14
Concen: 56.45 ng
RT: 19.657 min Scan# 2817
Delta R.T. -0.006 min
Lab File: BP005561.D
Acq: 14 May 2021 22:05

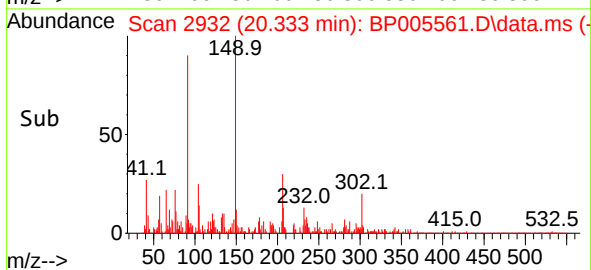
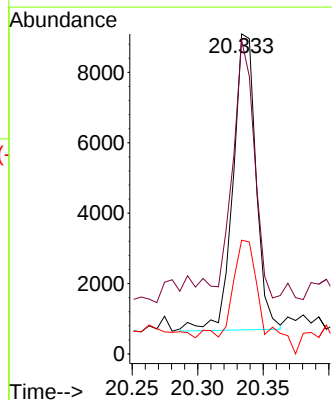
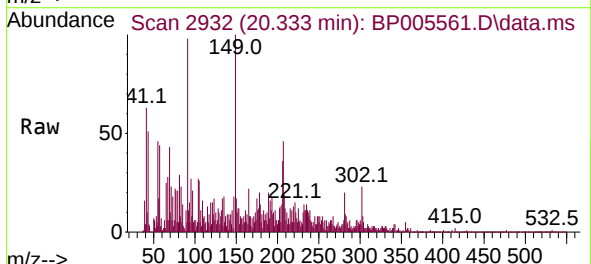
Instrument :
BNA_P
ClientSampleId :
SB-01-COMP

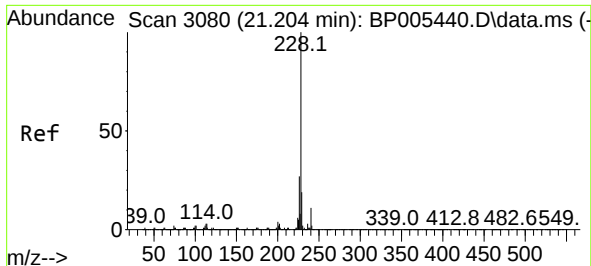
Tgt Ion:244 Resp: 484648
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.6
122 4.9 5.2 7.8#



#80
Butylbenzylphthalate
Concen: 3.85 ng
RT: 20.333 min Scan# 2932
Delta R.T. -0.006 min
Lab File: BP005561.D
Acq: 14 May 2021 22:05

Tgt Ion:149 Resp: 10267
Ion Ratio Lower Upper
149 100
91 98.1 60.2 90.4#
206 35.5 23.9 35.9

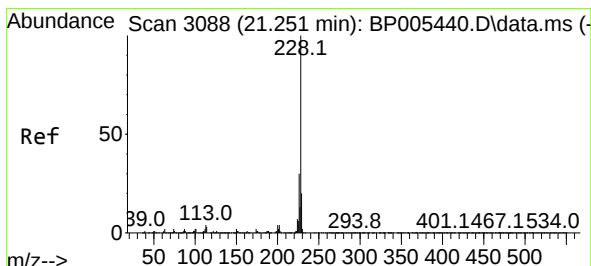
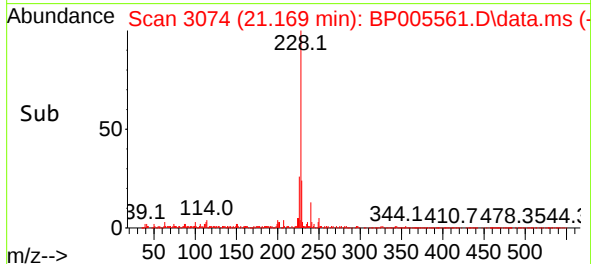
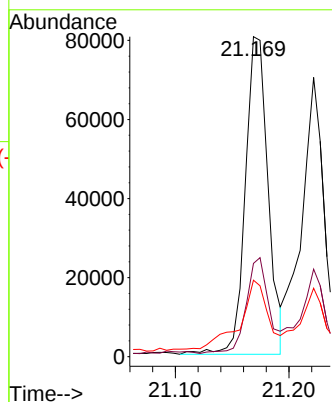
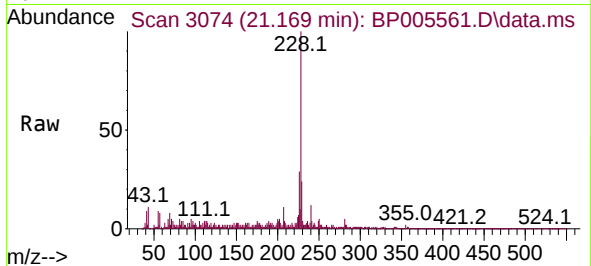




#81
Benzo(a)anthracene
Concen: 11.84 ng
RT: 21.169 min Scan# 3074
Delta R.T. -0.006 min
Lab File: BP005561.D
Acq: 14 May 2021 22:05

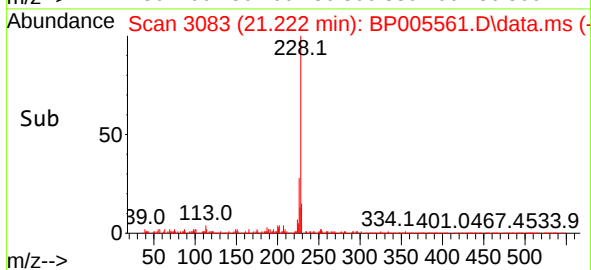
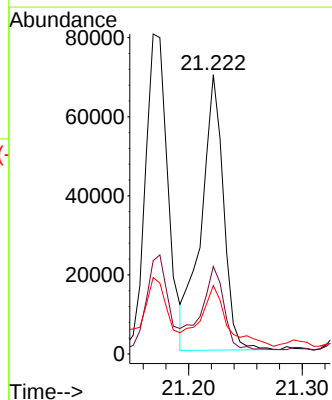
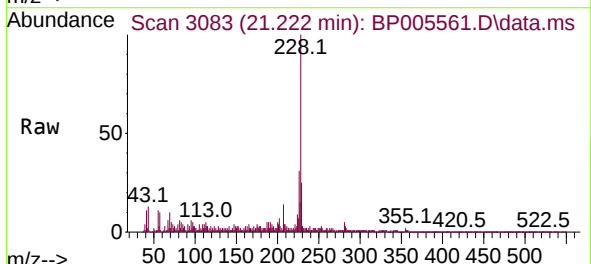
Instrument :
BNA_P
ClientSampleId :
SB-01-COMP

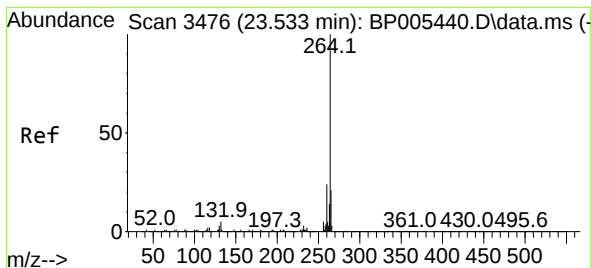
Tgt Ion:228 Resp: 111868
Ion Ratio Lower Upper
228 100
226 29.2 21.2 31.8
229 23.9 15.6 23.4#



#83
Chrysene
Concen: 10.40 ng
RT: 21.222 min Scan# 3083
Delta R.T. -0.006 min
Lab File: BP005561.D
Acq: 14 May 2021 22:05

Tgt Ion:228 Resp: 95261
Ion Ratio Lower Upper
228 100
226 31.4 24.8 37.2
229 24.5 15.4 23.0#





#86

Perylene-d12

Concen: 20.00 ng

RT: 23.498 min Scan# 3470

Delta R.T. 0.000 min

Lab File: BP005561.D

Acq: 14 May 2021 22:05

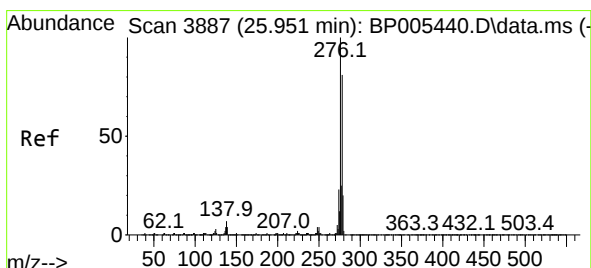
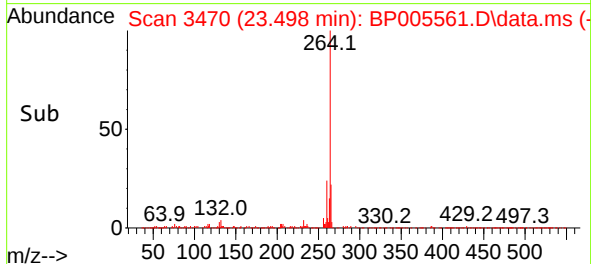
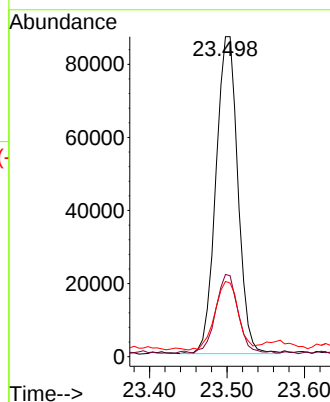
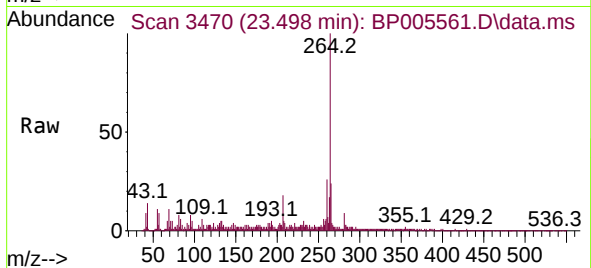
Instrument :

BNA_P

ClientSampleId :

SB-01-COMP

Tgt Ion:	264	Resp:	171018
Ion Ratio	Lower	Upper	
264	100		
260	25.7	20.6	30.8
265	23.5	19.0	28.6



#87

Indeno(1,2,3-cd)pyrene

Concen: 4.78 ng

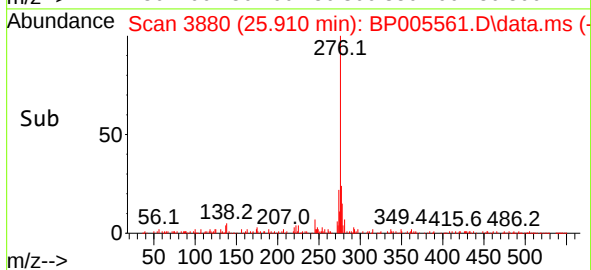
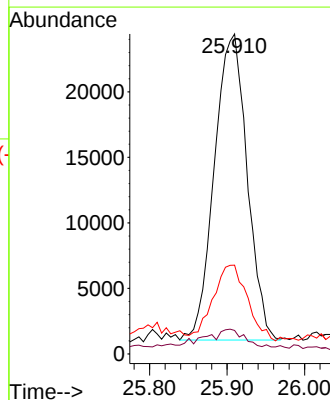
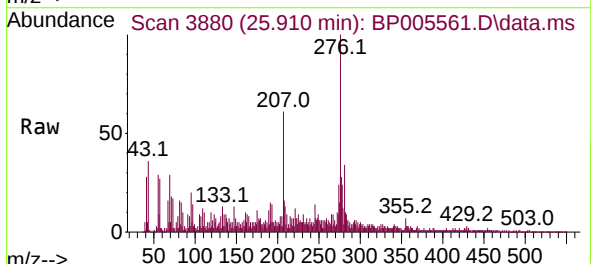
RT: 25.910 min Scan# 3880

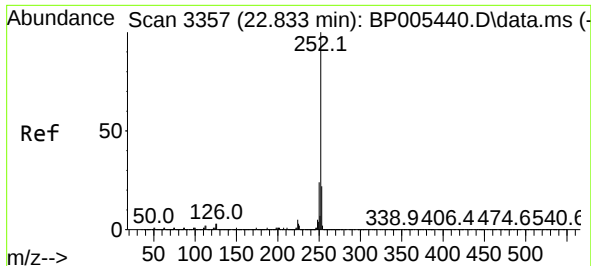
Delta R.T. 0.006 min

Lab File: BP005561.D

Acq: 14 May 2021 22:05

Tgt Ion:	276	Resp:	68774
Ion Ratio	Lower	Upper	
276	100		
138	8.0	8.4	12.6#
277	26.1	20.6	31.0

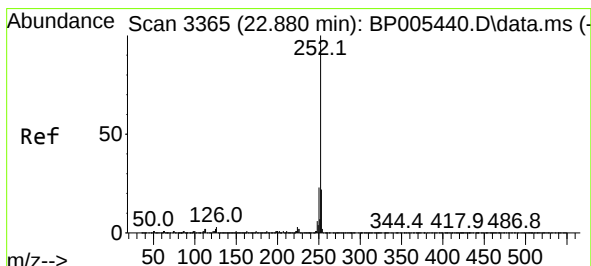
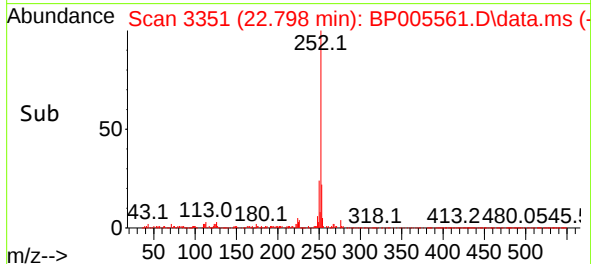
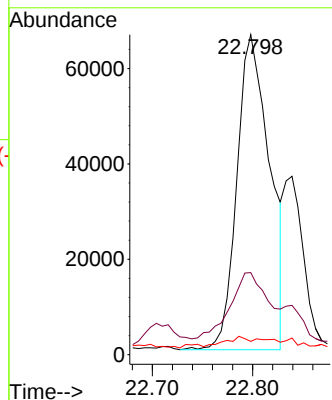
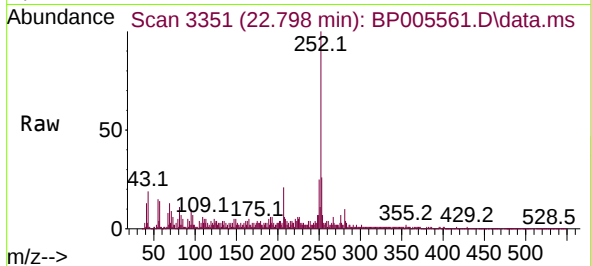




#88
Benzo(b)fluoranthene
Concen: 13.20 ng
RT: 22.798 min Scan# 3351
Delta R.T. 0.000 min
Lab File: BP005561.D
Acq: 14 May 2021 22:05

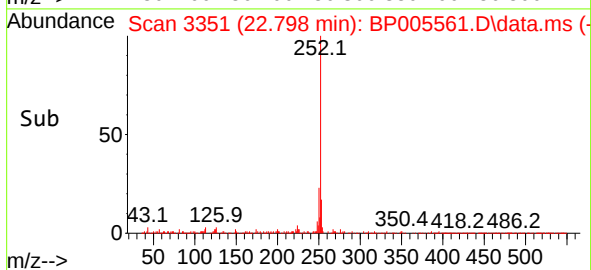
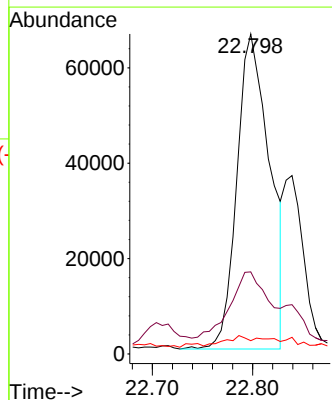
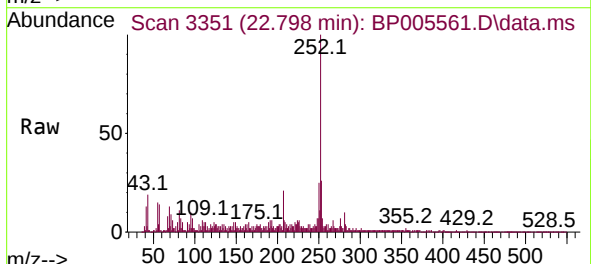
Instrument :
BNA_P
ClientSampleId :
SB-01-COMP

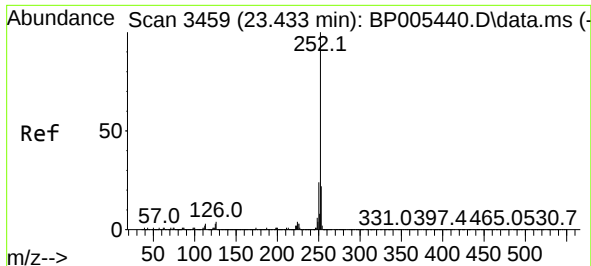
Tgt Ion:252 Resp: 150427
Ion Ratio Lower Upper
252 100
253 25.6 18.2 27.2
125 4.1 3.4 5.0



#89
Benzo(k)fluoranthene
Concen: 13.50 ng
RT: 22.798 min Scan# 3351
Delta R.T. -0.047 min
Lab File: BP005561.D
Acq: 14 May 2021 22:05

Tgt Ion:252 Resp: 150427
Ion Ratio Lower Upper
252 100
253 25.6 17.2 25.8
125 4.1 3.8 5.6

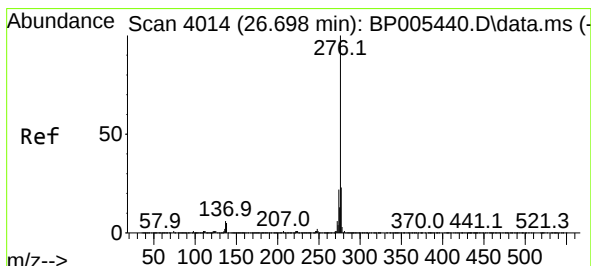
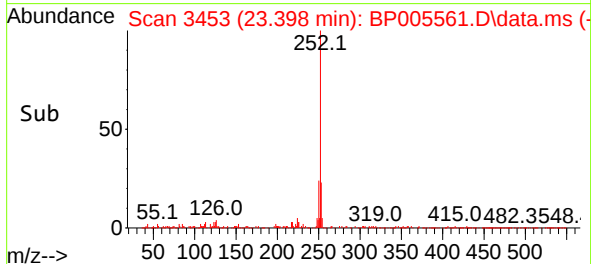
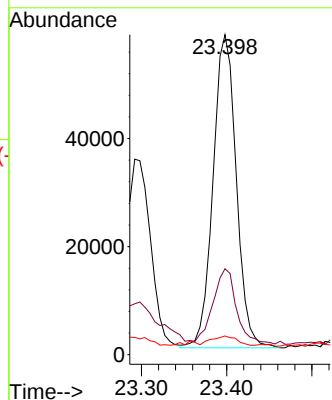
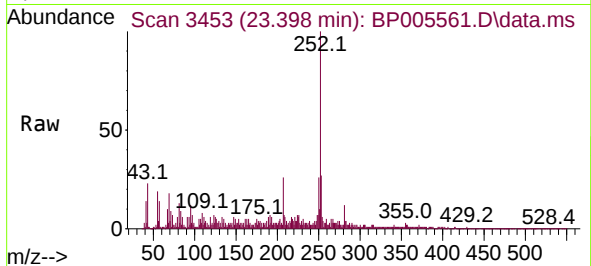




#90
Benzo(a)pyrene
Concen: 10.51 ng
RT: 23.398 min Scan# 3453
Delta R.T. 0.000 min
Lab File: BP005561.D
Acq: 14 May 2021 22:05

Instrument :
BNA_P
ClientSampleId :
SB-01-COMP

Tgt Ion:252 Resp: 109786
Ion Ratio Lower Upper
252 100
253 26.8 17.1 25.7#
125 5.8 3.8 5.6#



#92
Benzo(g,h,i)perylene
Concen: 5.65 ng
RT: 26.639 min Scan# 4004
Delta R.T. 0.000 min
Lab File: BP005561.D
Acq: 14 May 2021 22:05

Tgt Ion:276 Resp: 66332
Ion Ratio Lower Upper
276 100
277 28.7 19.8 29.8
138 7.6 7.7 11.5#

