

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061121\
 Data File : BP005876.D
 Acq On : 11 Jun 2021 18:04
 Operator : CG/JU
 Sample : M2613-21 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 18-B12(114-118)

Quant Time: Jun 11 18:32:44 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 11 13:53:36 2021
 Response via : Initial Calibration

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

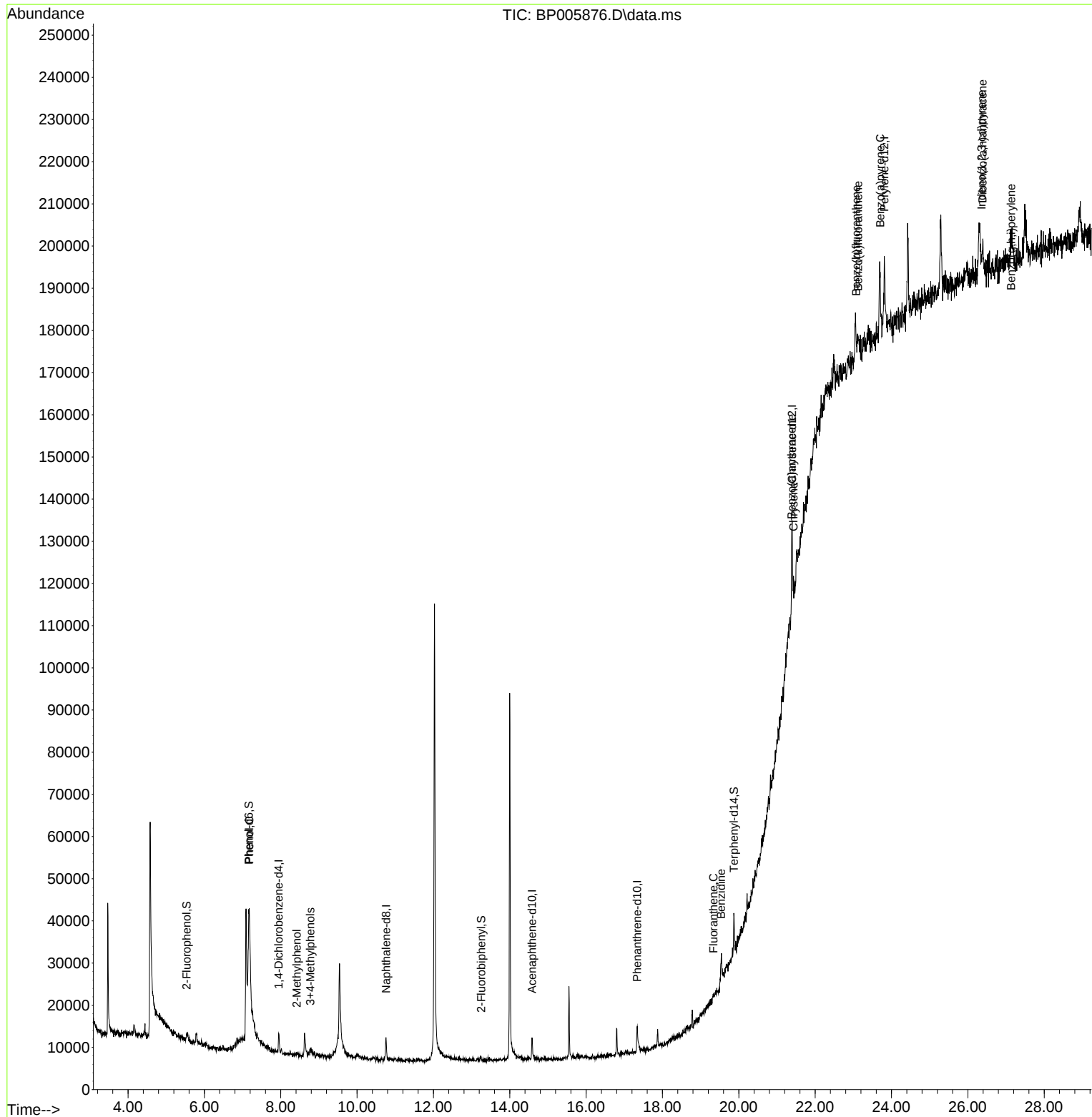
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	1628	20.00	ng	# 0.00
21) Naphthalene-d8	10.757	136	5550	20.00	ng	# 0.00
39) Acenaphthene-d10	14.581	164	2449	20.00	ng	0.00
64) Phenanthrene-d10	17.339	188	6225	20.00	ng	# 0.02
76) Chrysene-d12	21.392	240	10321	20.00	ng	# 0.00
86) Perylene-d12	23.810	264	13829	20.00	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1569	15.46	ng	0.02
7) Phenol-d6	7.163	99	15362	116.82	ng	0.05
23) Nitrobenzene-d5	9.122	82	66	0.58	ng	0.01
42) 2,4,6-Tribromophenol	16.075	330	13	0.31	ng	0.01
45) 2-Fluorobiphenyl	13.251	172	855m	4.58	ng	0.05
79) Terphenyl-d14	19.875	244	5724	10.38	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.175	94	18796	143.08	ng	92
17) 2-Methylphenol	8.422	107	312	3.49	ng	# 69
20) 3+4-Methylphenols	8.775	107	1423	11.77	ng	# 76
75) Fluoranthene	19.333	202	1018	2.24	ng	78
77) Benzidine	19.533	184	5343	24.88	ng	# 96
81) Benzo(a)anthracene	21.380	228	1667	2.24	ng	94
83) Chrysene	21.433	228	1747	2.42	ng	# 85
87) Indeno(1,2,3-cd)pyrene	26.357	276	5168	4.37	ng	# 86
88) Benzo(b)fluoranthene	23.074	252	3755	3.96	ng	# 72
89) Benzo(k)fluoranthene	23.121	252	3294	3.59	ng	# 51
90) Benzo(a)pyrene	23.704	252	3111	3.49	ng	# 59
91) Dibenzo(a,h)anthracene	26.386	278	4921	4.83	ng	# 88
92) Benzo(g,h,i)perylene	27.133	276	7076	7.04	ng	# 84

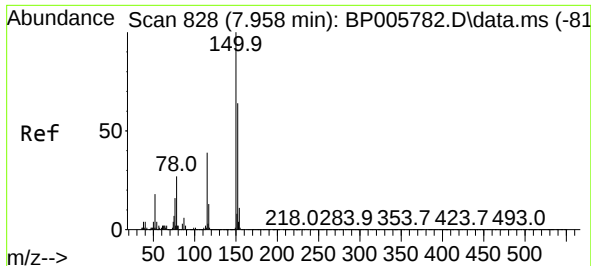
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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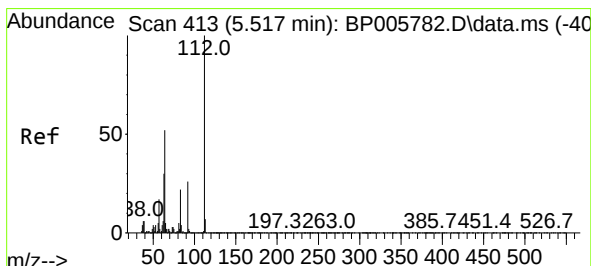
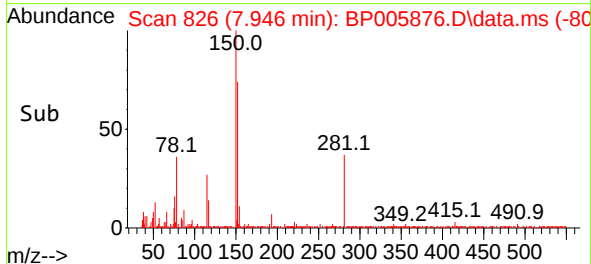
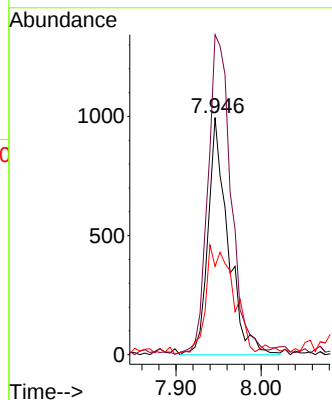
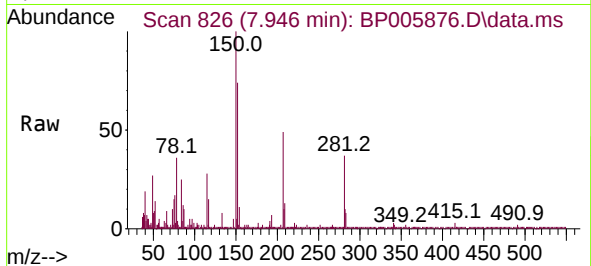




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.946 min Scan# 826
Delta R.T. -0.000 min
Lab File: BP005876.D
Acq: 11 Jun 2021 18:04

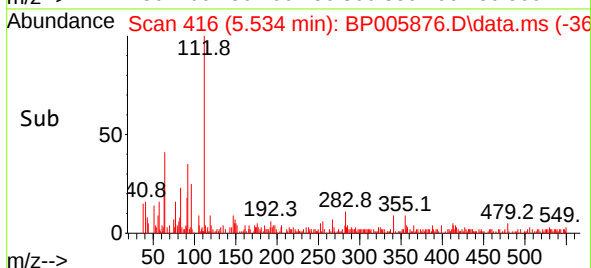
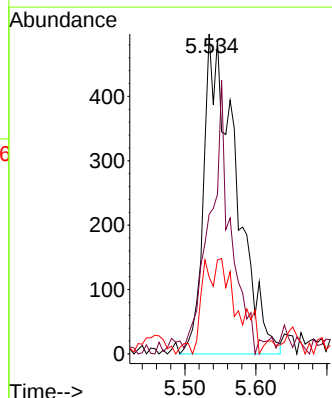
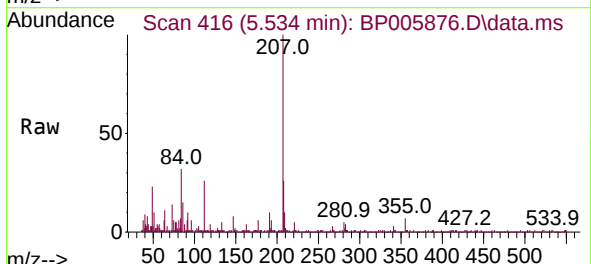
Instrument :
BNA_P
ClientSampleId :
18-B12(114-118)

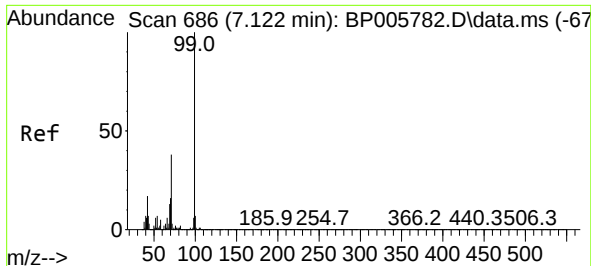
Tgt Ion:152 Resp: 1628
Ion Ratio Lower Upper
152 100
150 135.0 125.6 188.4
115 37.3 48.5 72.7#



#5
2-Fluorophenol
Concen: 15.46 ng
RT: 5.534 min Scan# 416
Delta R.T. 0.023 min
Lab File: BP005876.D
Acq: 11 Jun 2021 18:04

Tgt Ion:112 Resp: 1569
Ion Ratio Lower Upper
112 100
64 43.7 41.4 62.2
63 23.9 23.8 35.8

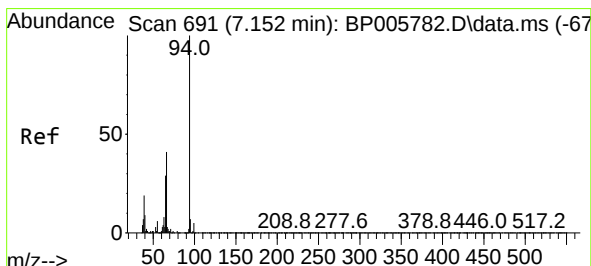
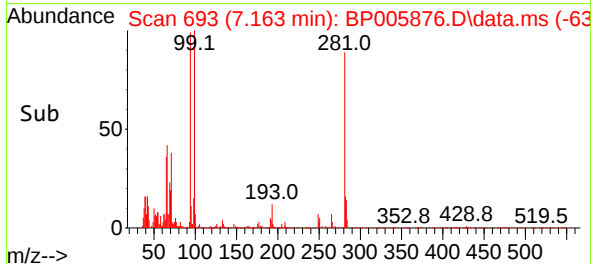
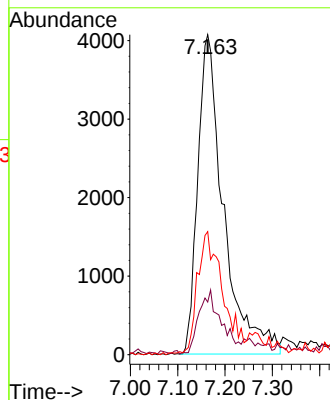
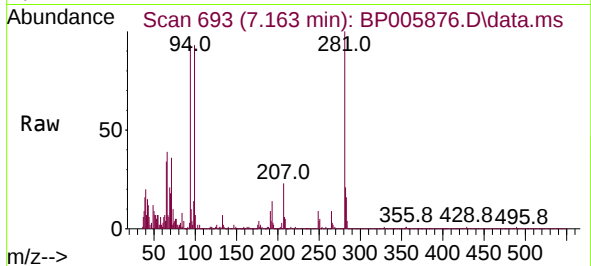




#7
Phenol-d6
Concen: 116.82 ng
RT: 7.163 min Scan# 693
Delta R.T. 0.053 min
Lab File: BP005876.D
Acq: 11 Jun 2021 18:04

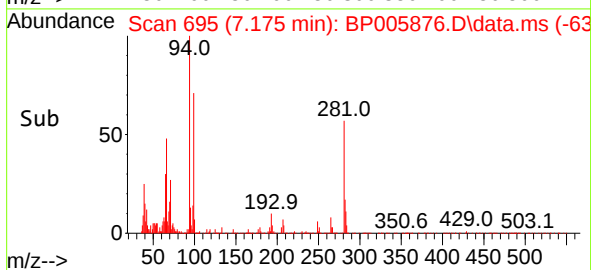
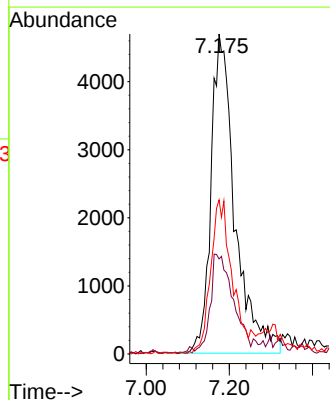
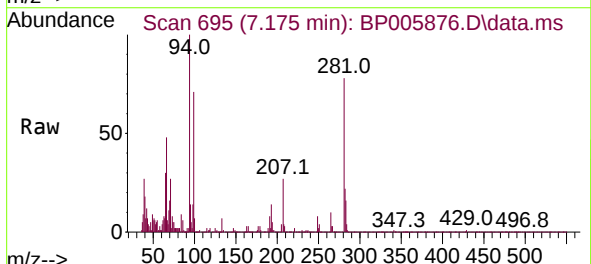
Instrument :
BNA_P
ClientSampleId :
18-B12(114-118)

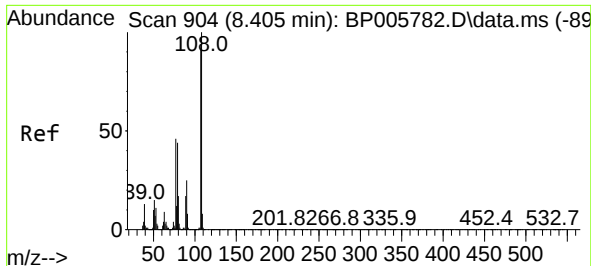
Tgt Ion: 99	Resp: 15362
Ion Ratio	Lower Upper
99 100	
42 16.5	13.4 20.0
71 38.5	30.6 46.0



#10
Phenol
Concen: 143.08 ng
RT: 7.175 min Scan# 695
Delta R.T. 0.035 min
Lab File: BP005876.D
Acq: 11 Jun 2021 18:04

Tgt Ion: 94	Resp: 18796
Ion Ratio	Lower Upper
94 100	
65 29.7	8.8 48.8
66 48.1	20.7 60.7

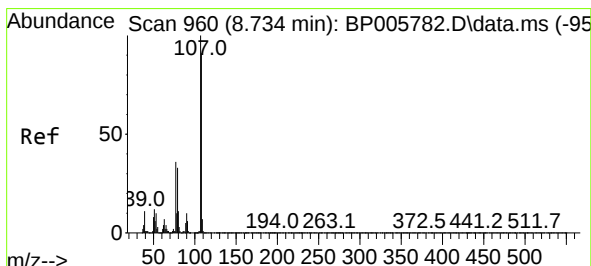
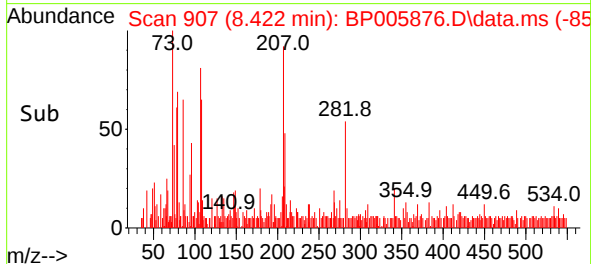
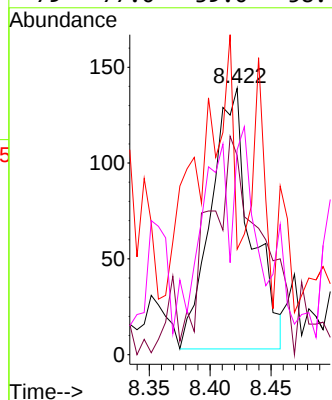
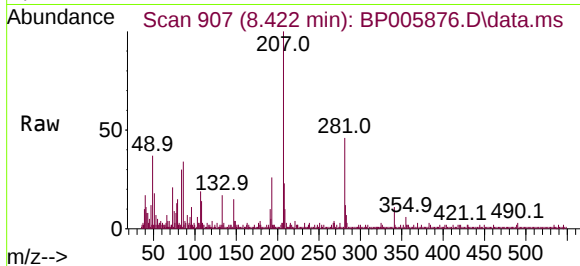




#17
2-Methylphenol
Concen: 3.49 ng
RT: 8.422 min Scan# 907
Delta R.T. 0.029 min
Lab File: BP005876.D
Acq: 11 Jun 2021 18:04

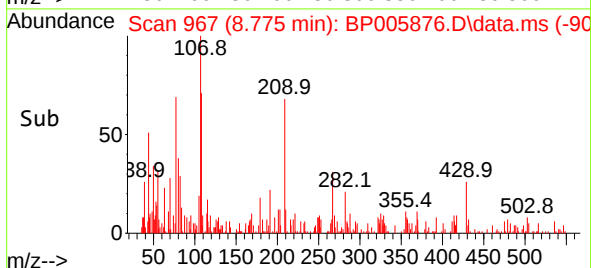
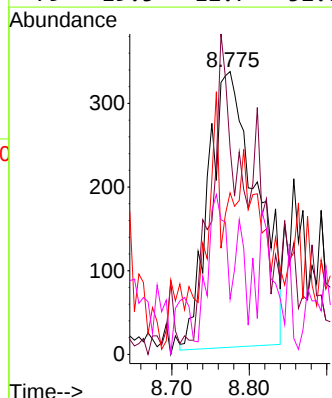
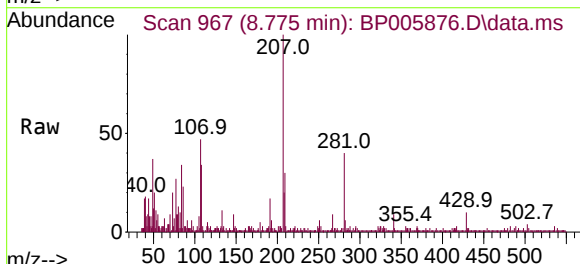
Instrument :
BNA_P
ClientSampleId :
18-B12(114-118)

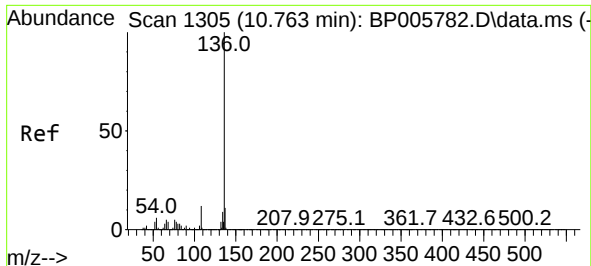
Tgt Ion:107	Resp:	312
Ion	Ratio	Lower Upper
107	100	
108	74.8	87.7 131.5#
77	39.6	40.2 60.2#
79	77.0	39.0 58.4#



#20
3+4-Methylphenols
Concen: 11.77 ng
RT: 8.775 min Scan# 967
Delta R.T. 0.053 min
Lab File: BP005876.D
Acq: 11 Jun 2021 18:04

Tgt Ion:107	Resp:	1423
Ion	Ratio	Lower Upper
107	100	
108	72.8	71.0 111.0
77	57.1	16.6 56.6#
79	19.5	12.7 52.7

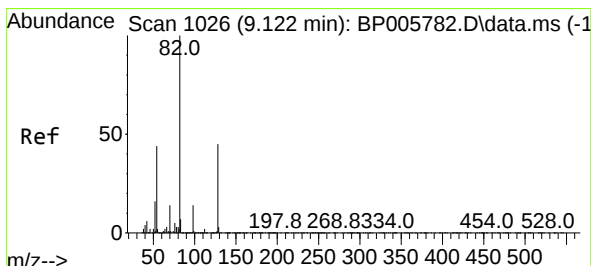
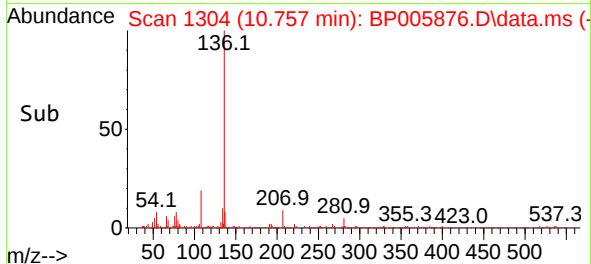
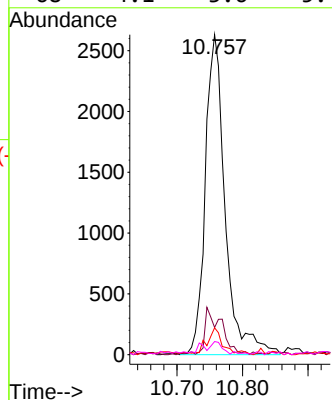
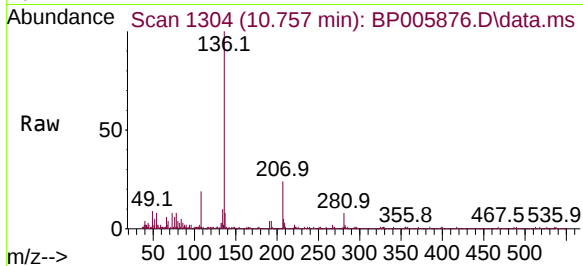




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.757 min Scan# 1304
Delta R.T. 0.006 min
Lab File: BP005876.D
Acq: 11 Jun 2021 18:04

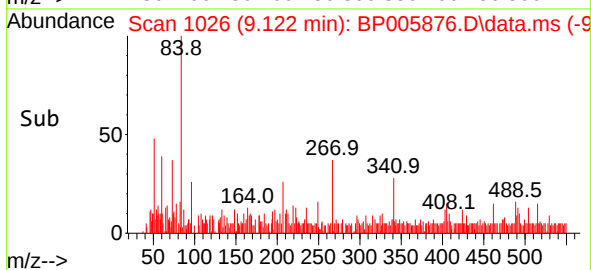
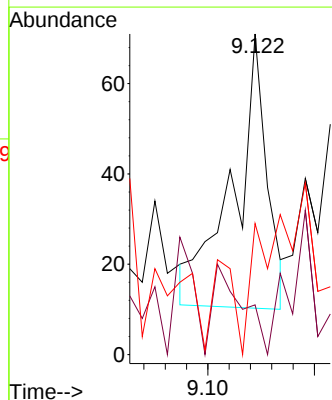
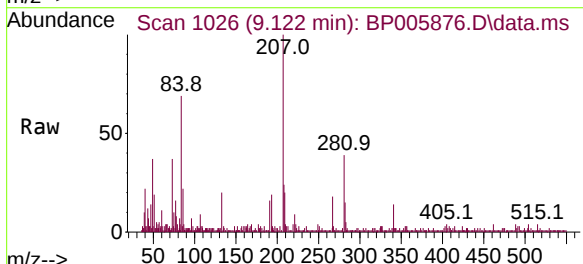
Instrument :
BNA_P
ClientSampleId :
18-B12(114-118)

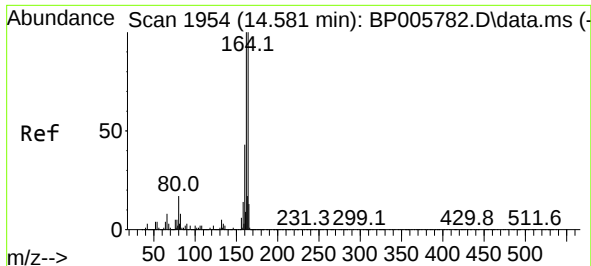
Tgt Ion:	136	Resp:	5550
Ion	Ratio	Lower	Upper
136	100		
137	8.5	8.6	12.8#
54	8.4	4.6	6.8#
68	4.1	3.6	5.4



#23
Nitrobenzene-d5
Concen: 0.58 ng
RT: 9.122 min Scan# 1026
Delta R.T. 0.012 min
Lab File: BP005876.D
Acq: 11 Jun 2021 18:04

Tgt Ion:	82	Resp:	66
Ion	Ratio	Lower	Upper
82	100		
128	15.5	35.7	53.5#
54	40.8	35.0	52.4

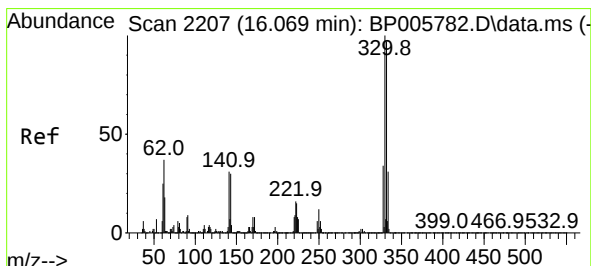
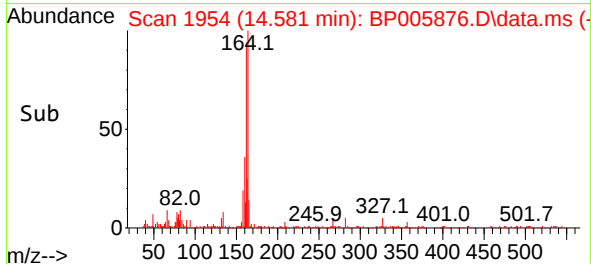
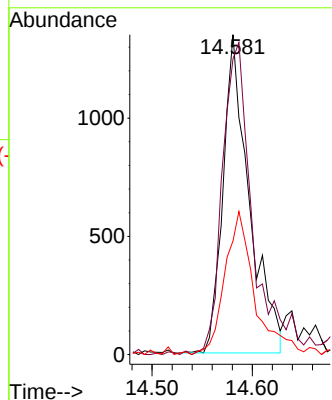
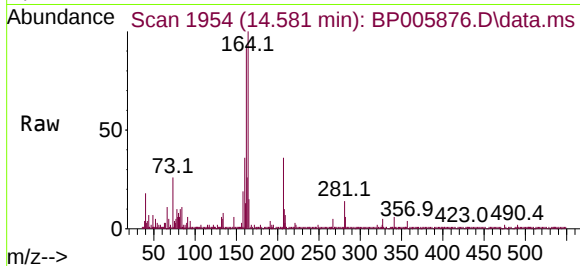




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.581 min Scan# 1954
Delta R.T. 0.006 min
Lab File: BP005876.D
Acq: 11 Jun 2021 18:04

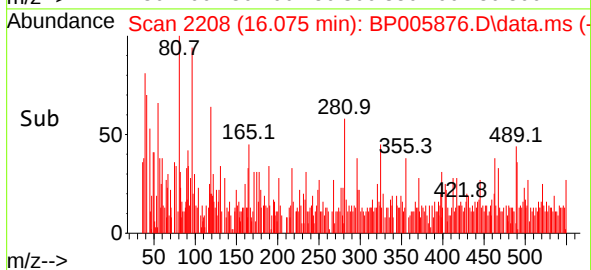
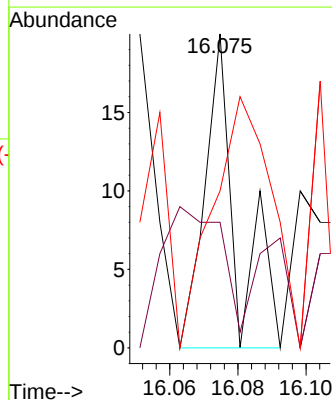
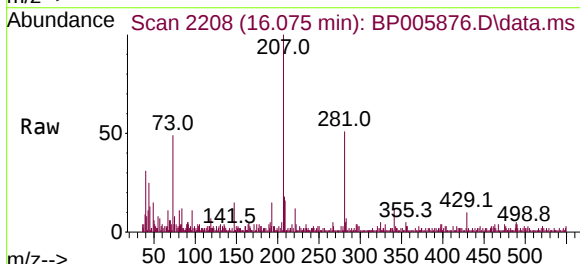
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ClientSampleId :
18-B12(114-118)

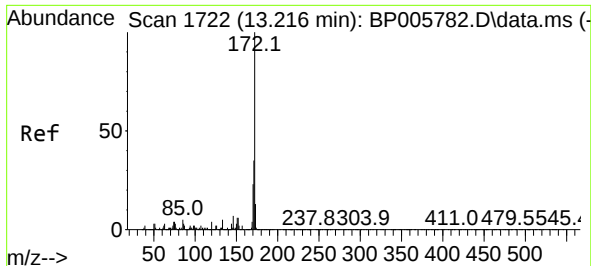
Tgt Ion:164 Resp: 2449
Ion Ratio Lower Upper
164 100
162 92.5 80.2 120.2
160 35.6 34.5 51.7



#42
2,4,6-Tribromophenol
Concen: 0.31 ng
RT: 16.075 min Scan# 2208
Delta R.T. 0.012 min
Lab File: BP005876.D
Acq: 11 Jun 2021 18:04

Tgt Ion:330 Resp: 13
Ion Ratio Lower Upper
330 100
332 0.0 77.8 116.8#
141 146.2 25.4 38.2#

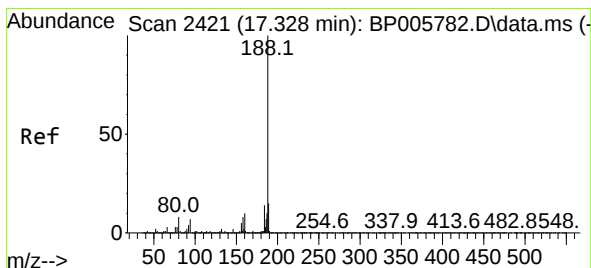
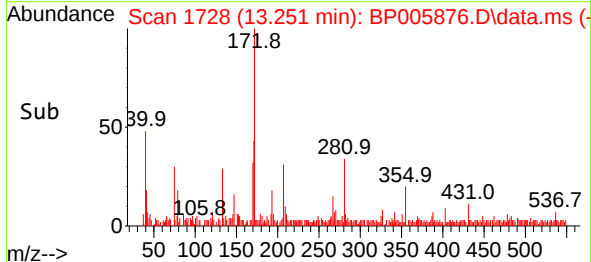
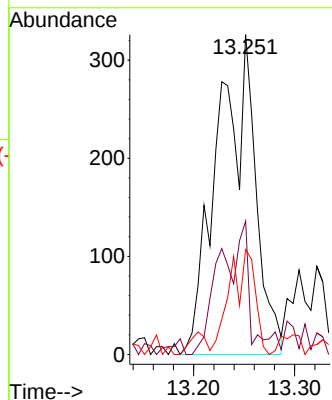
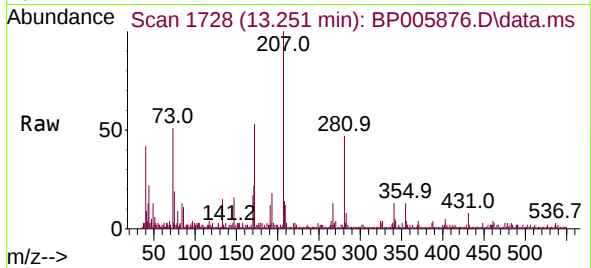




#45
2-Fluorobiphenyl
Concen: 4.58 ng m
RT: 13.251 min Scan# 1728
Delta R.T. 0.047 min
Lab File: BP005876.D
Acq: 11 Jun 2021 18:04

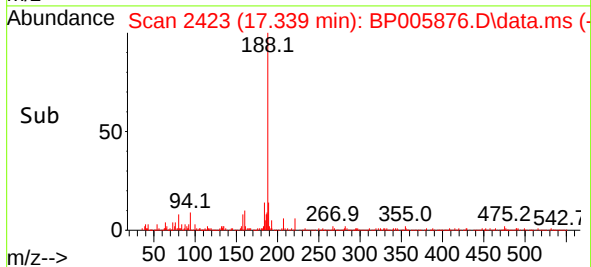
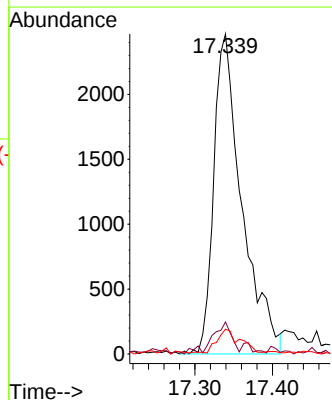
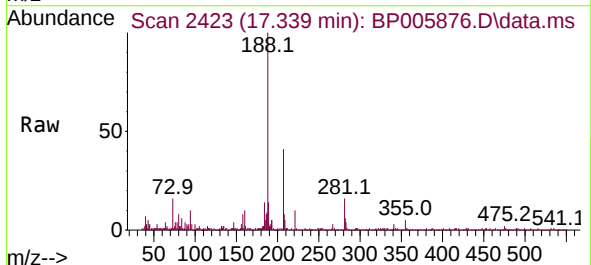
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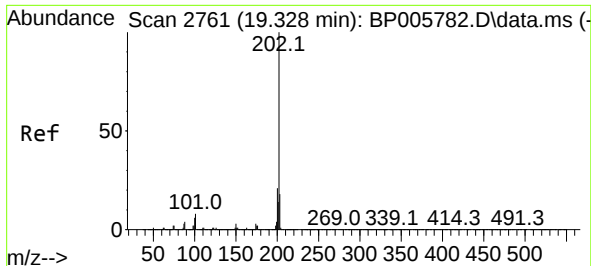
Tgt Ion:	172	Resp:	855
Ion Ratio	Lower	Upper	
172	100		
171	41.7	27.9	41.9
170	32.8	18.6	27.8#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.339 min Scan# 2423
Delta R.T. 0.018 min
Lab File: BP005876.D
Acq: 11 Jun 2021 18:04

Tgt Ion:	188	Resp:	6225
Ion Ratio	Lower	Upper	
188	100		
94	10.0	5.6	8.4#
80	7.7	6.3	9.5

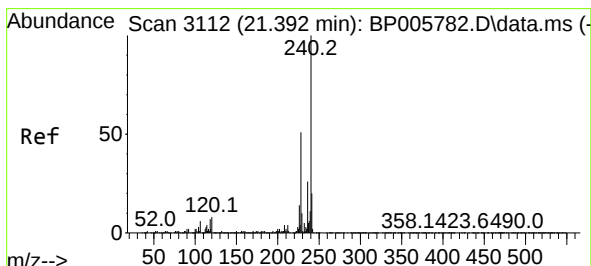
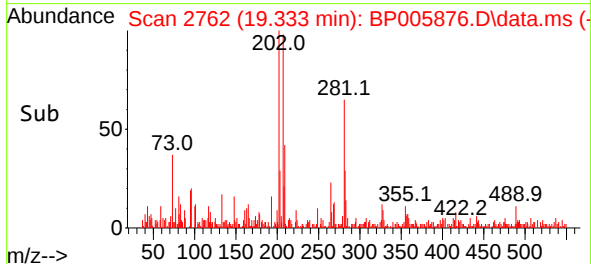
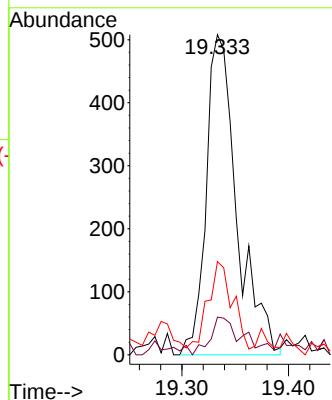
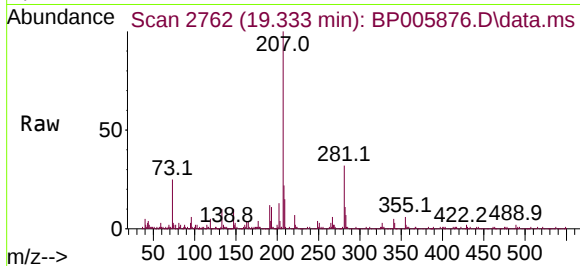




#75
Fluoranthene
Concen: 2.24 ng
RT: 19.333 min Scan# 2762
Delta R.T. 0.012 min
Lab File: BP005876.D
Acq: 11 Jun 2021 18:04

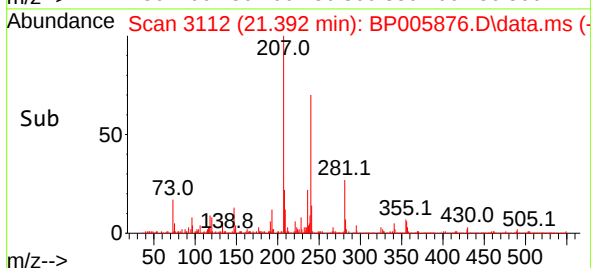
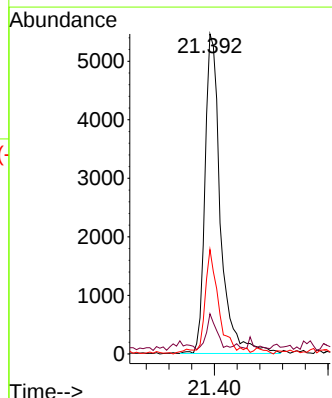
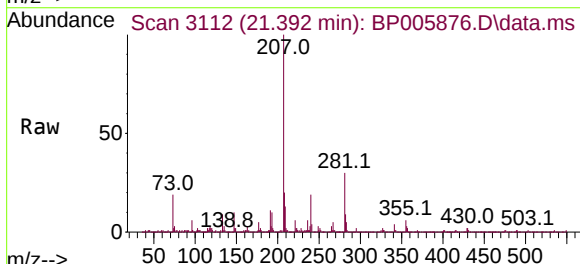
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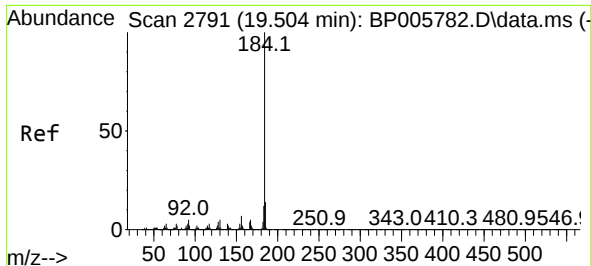
Tgt Ion:	202	Resp:	1018
Ion Ratio	Lower	Upper	
202	100		
101	11.8	0.0	27.6
203	29.1	0.0	37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.392 min Scan# 3112
Delta R.T. -0.000 min
Lab File: BP005876.D
Acq: 11 Jun 2021 18:04

Tgt Ion:	240	Resp:	10321
Ion Ratio	Lower	Upper	
240	100		
120	12.6	6.5	9.7#
236	32.6	20.6	31.0#

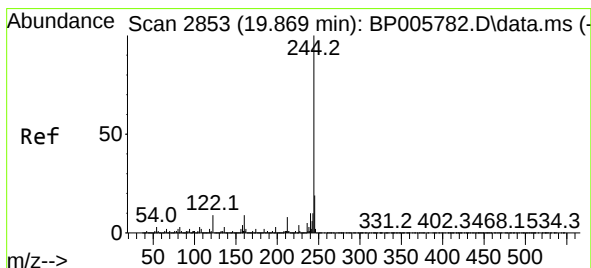
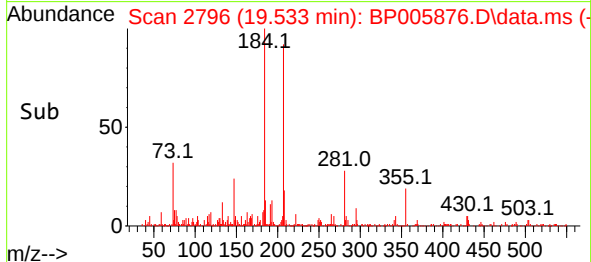
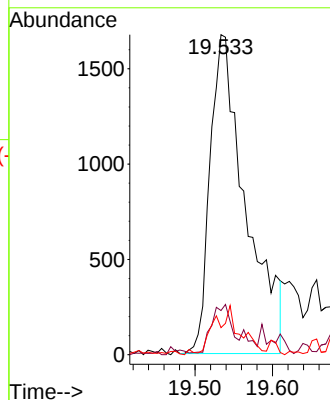
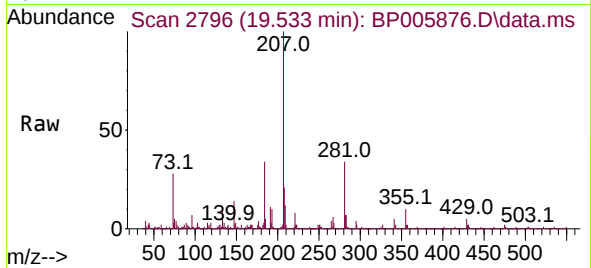




#77
Benzidine
Concen: 24.88 ng
RT: 19.533 min Scan# 2796
Delta R.T. 0.035 min
Lab File: BP005876.D
Acq: 11 Jun 2021 18:04

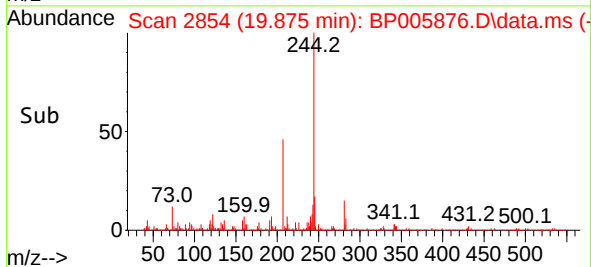
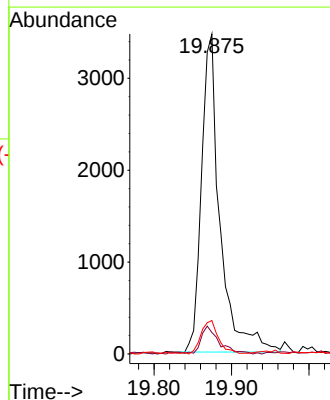
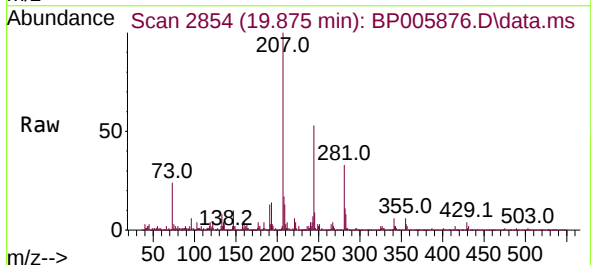
Instrument :
BNA_P
ClientSampleId :
18-B12(114-118)

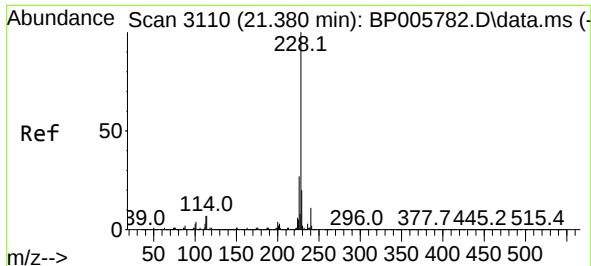
Tgt Ion:184 Resp: 5343
Ion Ratio Lower Upper
184 100
185 13.8 11.0 16.4
183 8.5 9.5 14.3#



#79
Terphenyl-d14
Concen: 10.38 ng
RT: 19.875 min Scan# 2854
Delta R.T. 0.006 min
Lab File: BP005876.D
Acq: 11 Jun 2021 18:04

Tgt Ion:244 Resp: 5724
Ion Ratio Lower Upper
244 100
212 6.7 6.0 9.0
122 10.5 7.1 10.7

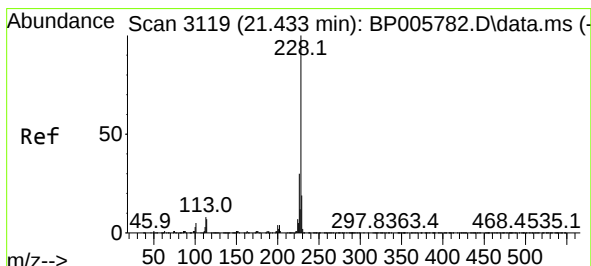
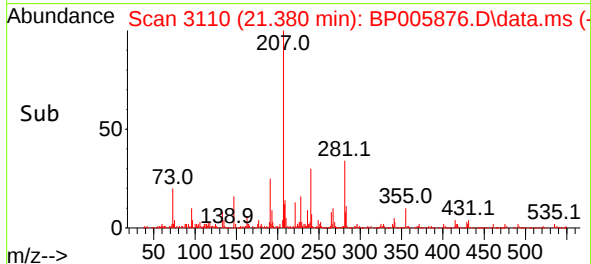
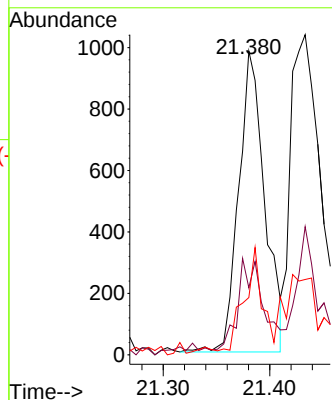
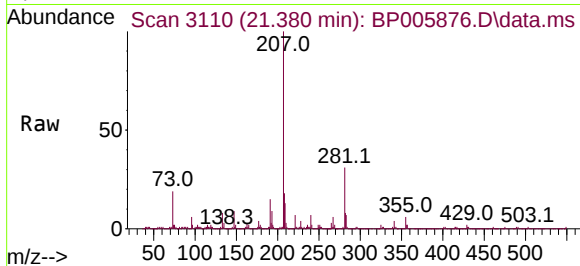




#81
Benzo(a)anthracene
Concen: 2.24 ng
RT: 21.380 min Scan# 3110
Delta R.T. 0.006 min
Lab File: BP005876.D
Acq: 11 Jun 2021 18:04

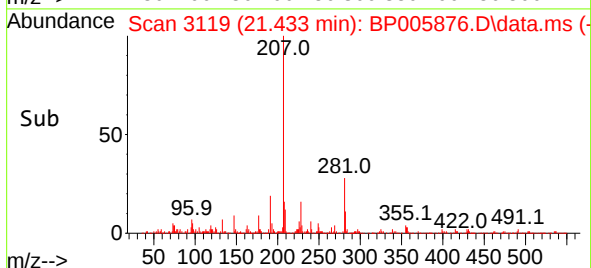
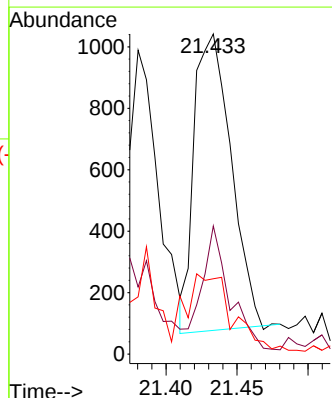
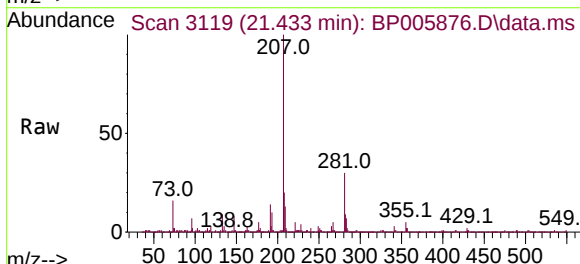
Instrument :
BNA_P
ClientSampleId :
18-B12(114-118)

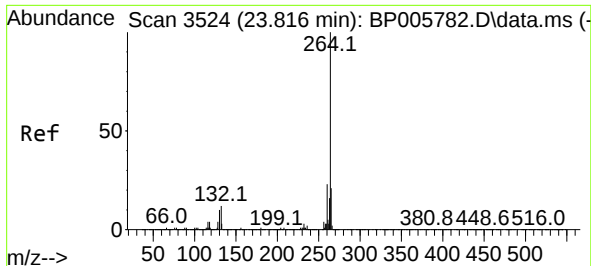
Tgt Ion:	228	Resp:	1667
Ion Ratio	Lower	Upper	
228	100		
226	22.0	21.6	32.4
229	18.8	15.8	23.6



#83
Chrysene
Concen: 2.42 ng
RT: 21.433 min Scan# 3119
Delta R.T. 0.006 min
Lab File: BP005876.D
Acq: 11 Jun 2021 18:04

Tgt Ion:	228	Resp:	1747
Ion Ratio	Lower	Upper	
228	100		
226	40.0	23.8	35.6#
229	23.5	15.4	23.2#

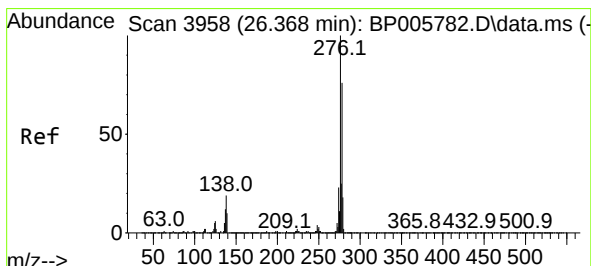
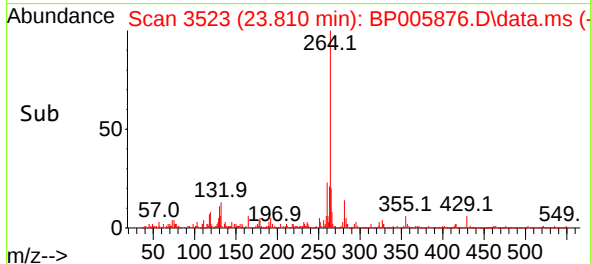
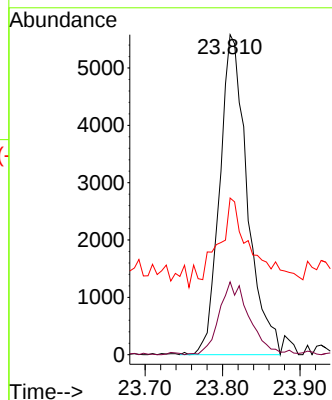
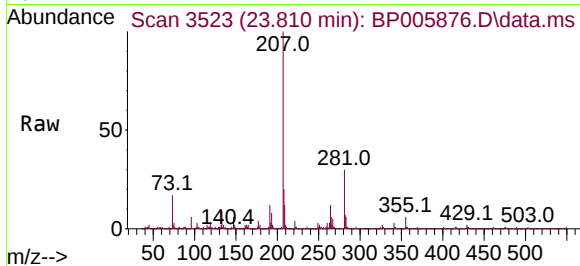




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.810 min Scan# 3523
Delta R.T. -0.006 min
Lab File: BP005876.D
Acq: 11 Jun 2021 18:04

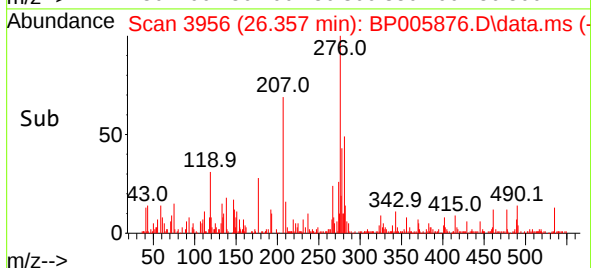
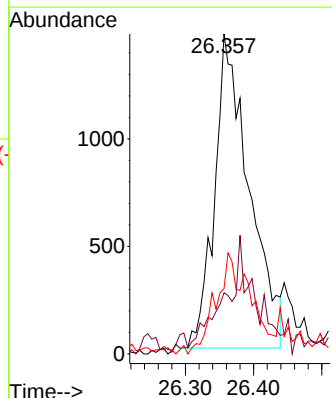
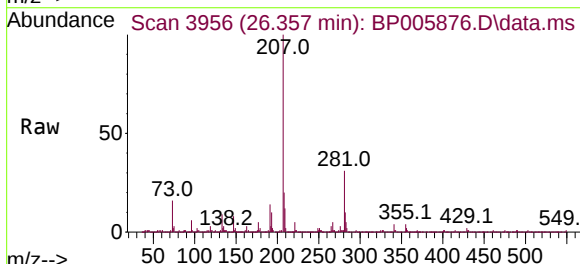
Instrument :
BNA_P
ClientSampleId :
18-B12(114-118)

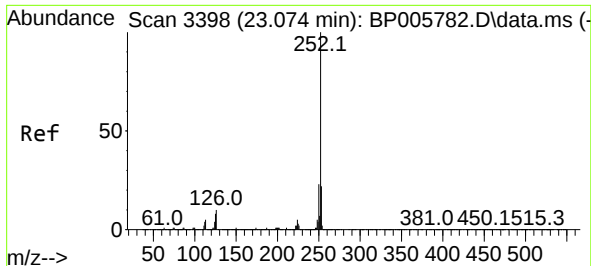
Tgt Ion:264 Resp: 13829
Ion Ratio Lower Upper
264 100
260 22.8 18.6 28.0
265 48.9 17.6 26.4#



#87
Indeno(1,2,3-cd)pyrene
Concen: 4.37 ng
RT: 26.357 min Scan# 3956
Delta R.T. -0.000 min
Lab File: BP005876.D
Acq: 11 Jun 2021 18:04

Tgt Ion:276 Resp: 5168
Ion Ratio Lower Upper
276 100
138 11.3 15.3 22.9#
277 20.0 20.4 30.6#

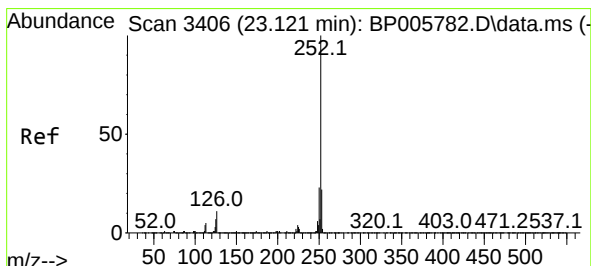
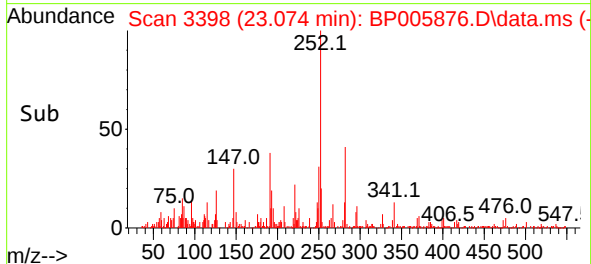
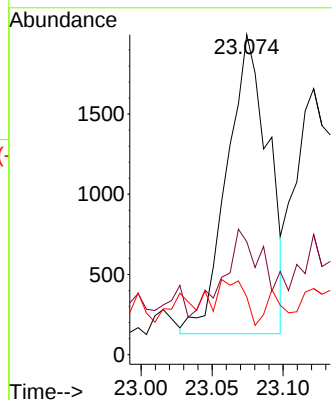
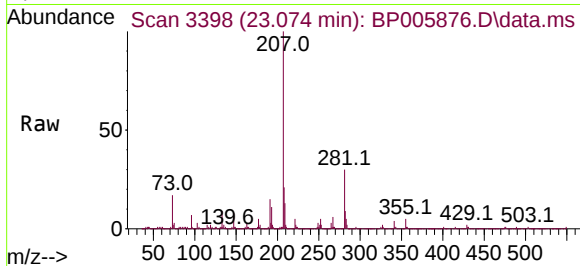




#88
Benzo(b)fluoranthene
Concen: 3.96 ng
RT: 23.074 min Scan# 3398
Delta R.T. -0.000 min
Lab File: BP005876.D
Acq: 11 Jun 2021 18:04

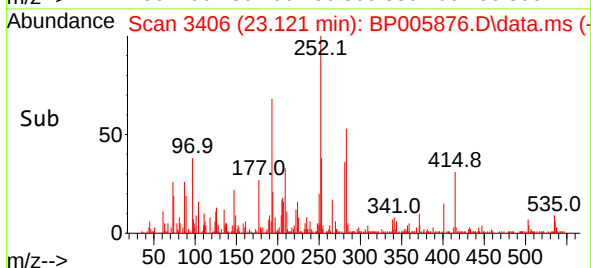
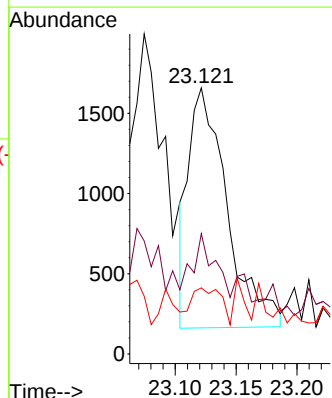
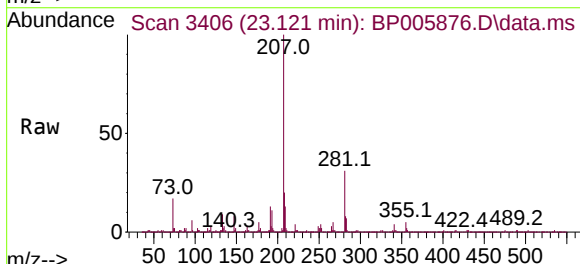
Instrument :
BNA_P
ClientSampleId :
18-B12(114-118)

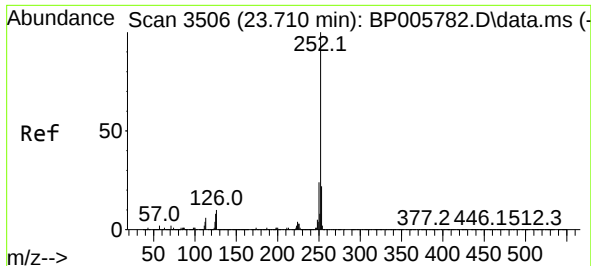
Tgt Ion:252 Resp: 3755
Ion Ratio Lower Upper
252 100
253 35.3 17.5 26.3#
125 18.0 6.2 9.4#



#89
Benzo(k)fluoranthene
Concen: 3.59 ng
RT: 23.121 min Scan# 3406
Delta R.T. -0.000 min
Lab File: BP005876.D
Acq: 11 Jun 2021 18:04

Tgt Ion:252 Resp: 3294
Ion Ratio Lower Upper
252 100
253 45.2 17.6 26.4#
125 24.8 6.0 9.0#

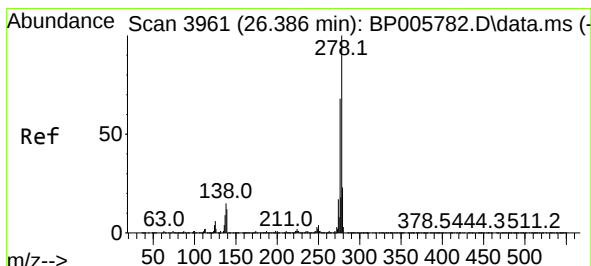
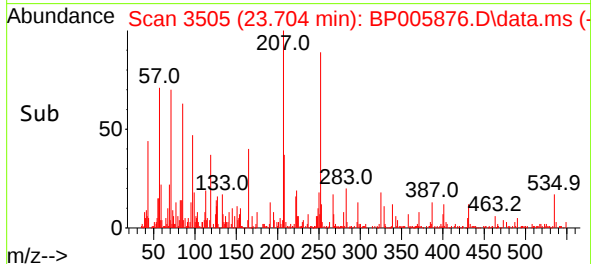
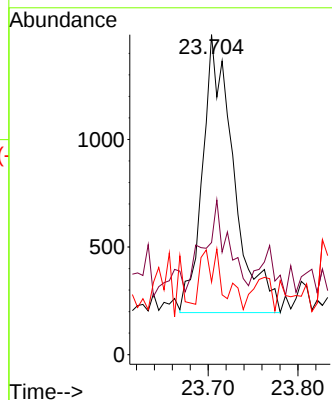
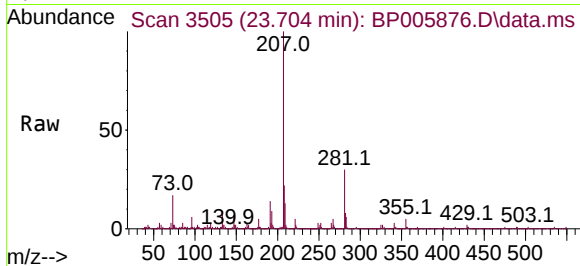




#90
Benzo(a)pyrene
Concen: 3.49 ng
RT: 23.704 min Scan# 3505
Delta R.T. -0.000 min
Lab File: BP005876.D
Acq: 11 Jun 2021 18:04

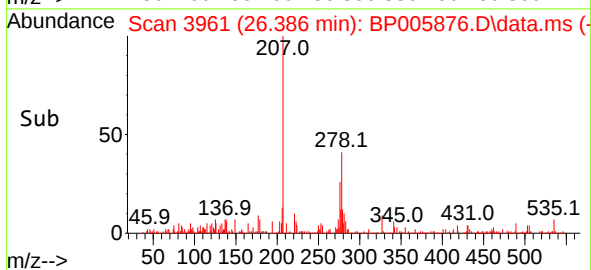
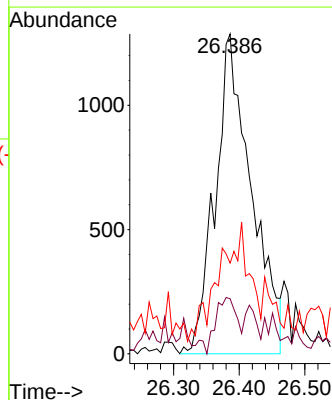
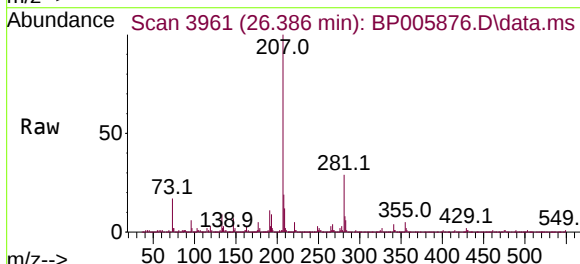
Instrument :
BNA_P
ClientSampleId :
18-B12(114-118)

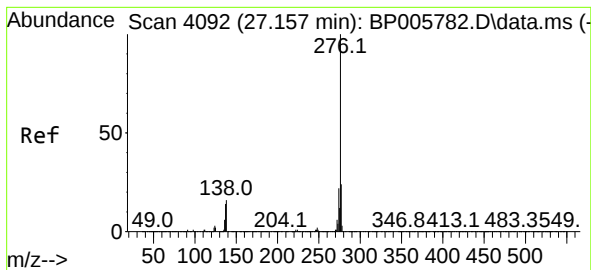
Tgt Ion:252 Resp: 3111
Ion Ratio Lower Upper
252 100
253 35.0 17.9 26.9#
125 36.6 6.5 9.7#



#91
Dibenzo(a,h)anthracene
Concen: 4.83 ng
RT: 26.386 min Scan# 3961
Delta R.T. 0.006 min
Lab File: BP005876.D
Acq: 11 Jun 2021 18:04

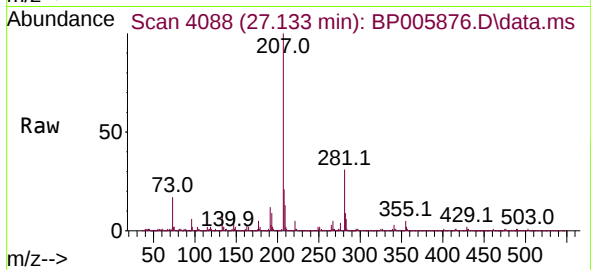
Tgt Ion:278 Resp: 4921
Ion Ratio Lower Upper
278 100
139 17.2 9.3 13.9#
279 28.4 18.8 28.2#





#92
Benzo(g,h,i)perylene
Concen: 7.04 ng
RT: 27.133 min Scan# 4088
Delta R.T. -0.018 min
Lab File: BP005876.D
Acq: 11 Jun 2021 18:04

Instrument :
BNA_P
ClientSampleId :
18-B12(114-118)



Tgt Ion: 276 Resp: 7076
Ion Ratio Lower Upper
276 100
277 13.3 18.9 28.3#
138 19.4 12.6 18.8#

