

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040521\
 Data File : BP005182.D
 Acq On : 05 Apr 2021 17:05
 Operator : CG/JU
 Sample : M1894-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 0156-AMENDED-CP-COMP

Quant Time: Apr 05 17:43:17 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 01 12:23:57 2021
 Response via : Initial Calibration

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

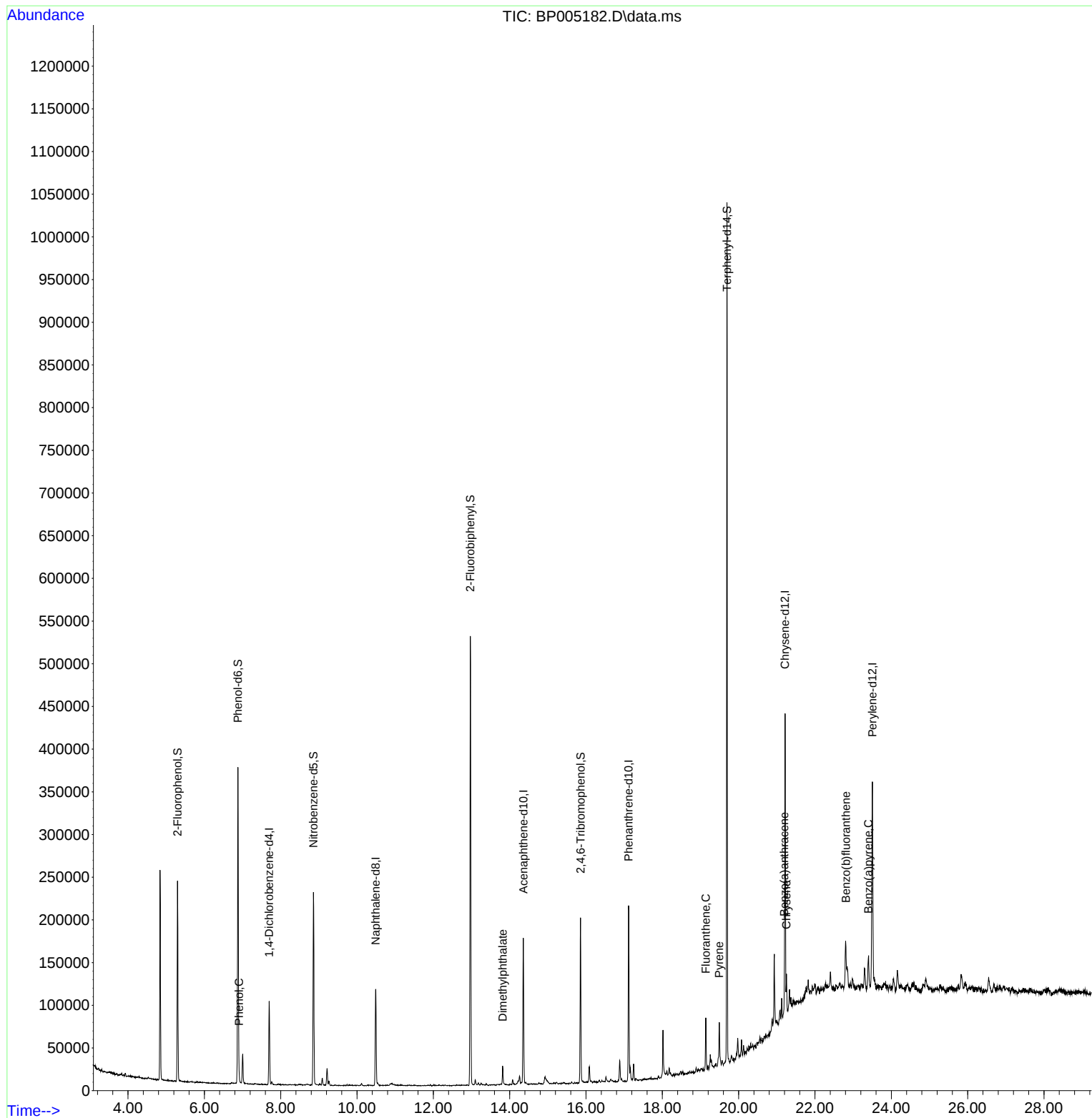
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	24707	20.00	ng	# 0.00
21) Naphthalene-d8	10.487	136	91528	20.00	ng	#-0.01
39) Acenaphthene-d10	14.357	164	55796	20.00	ng	0.00
64) Phenanthrene-d10	17.116	188	123785	20.00	ng	#-0.01
76) Chrysene-d12	21.216	240	152643	20.00	ng	-0.01
86) Perylene-d12	23.504	264	174204	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	98475	61.34	ng	0.00
7) Phenol-d6	6.881	99	207783	90.35	ng	0.00
23) Nitrobenzene-d5	8.857	82	137062	64.25	ng	-0.01
42) 2,4,6-Tribromophenol	15.857	330	39155	53.86	ng	0.00
45) 2-Fluorobiphenyl	12.969	172	269956	65.45	ng	-0.01
79) Terphenyl-d14	19.692	244	437765	52.21	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.910	94	4779	2.03	ng	82
50) Dimethylphthalate	13.816	163	13537	3.15	ng	98
75) Fluoranthene	19.139	202	33397	3.96	ng	99
78) Pyrene	19.492	202	30420	2.90	ng	93
81) Benzo(a)anthracene	21.198	228	24139	2.33	ng	94
83) Chrysene	21.251	228	24751	2.43	ng	95
88) Benzo(b)fluoranthene	22.810	252	34556	2.79	ng	93
90) Benzo(a)pyrene	23.398	252	28770	2.59	ng	94

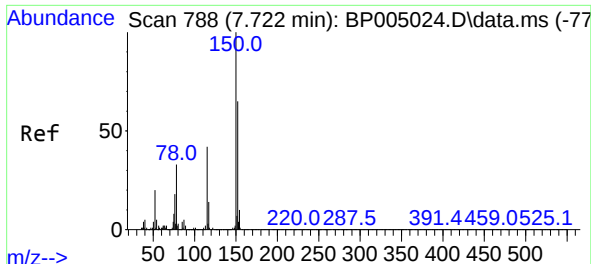
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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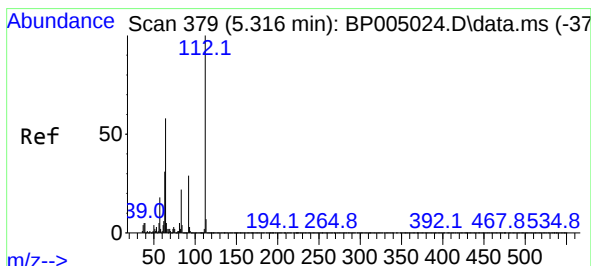
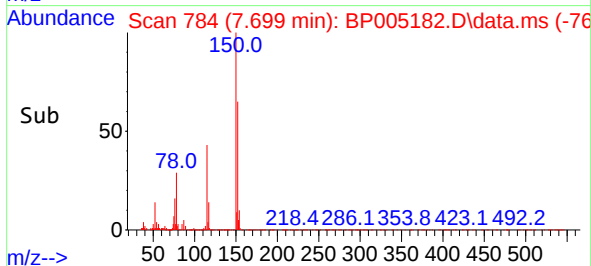
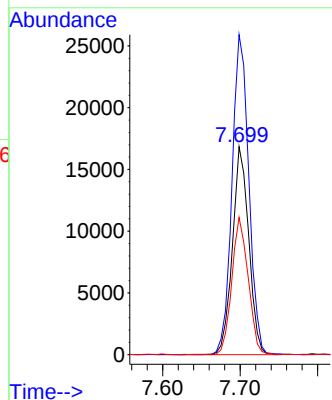
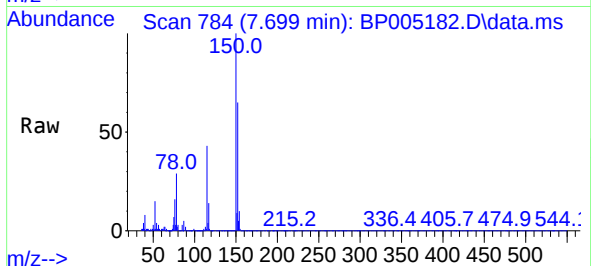




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.699 min Scan# 784
Delta R.T. -0.006 min
Lab File: BP005182.D
Acq: 05 Apr 2021 17:05

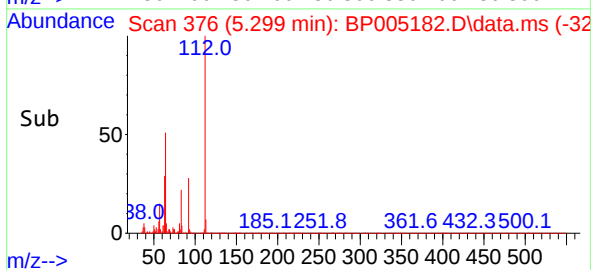
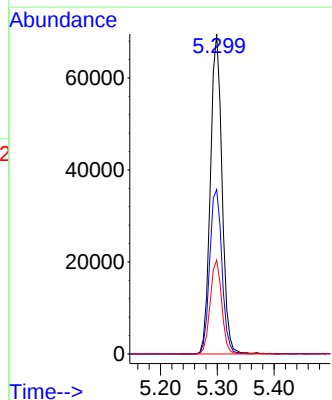
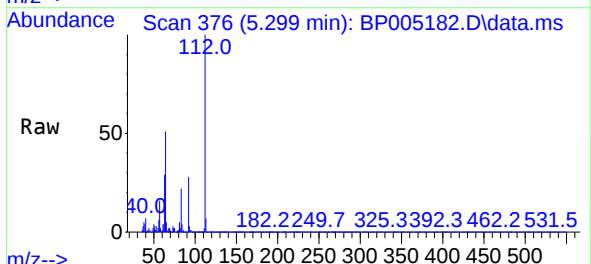
Instrument :
BNA_P
ClientSampleId :
0156-AMENDED-CP-COMP

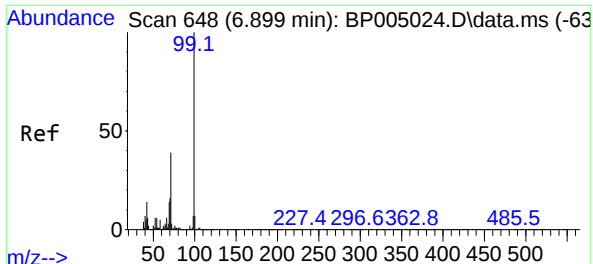
Tgt Ion:152 Resp: 24707
Ion Ratio Lower Upper
152 100
150 153.8 123.8 185.6
115 66.0 43.8 65.6#



#5
2-Fluorophenol
Concen: 61.34 ng
RT: 5.299 min Scan# 376
Delta R.T. -0.006 min
Lab File: BP005182.D
Acq: 05 Apr 2021 17:05

Tgt Ion:112 Resp: 98475
Ion Ratio Lower Upper
112 100
64 51.4 32.8 49.2#
63 29.4 17.0 25.4#

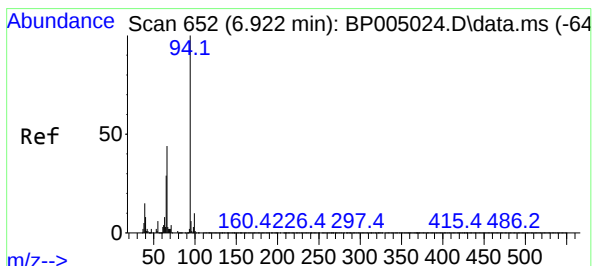
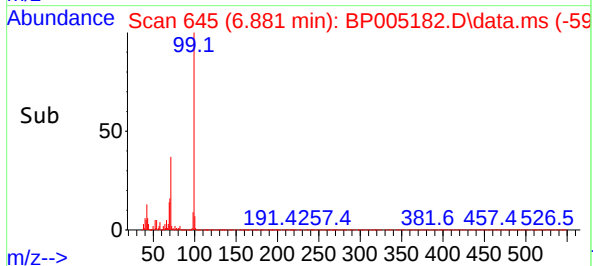
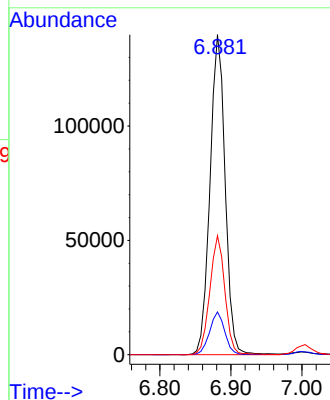
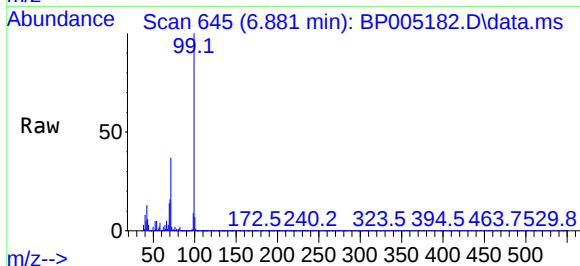




#7
Phenol-d6
Concen: 90.35 ng
RT: 6.881 min Scan# 645
Delta R.T. -0.006 min
Lab File: BP005182.D
Acq: 05 Apr 2021 17:05

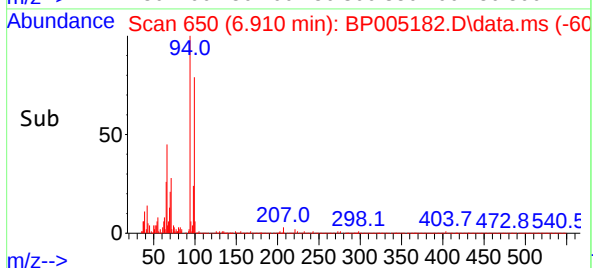
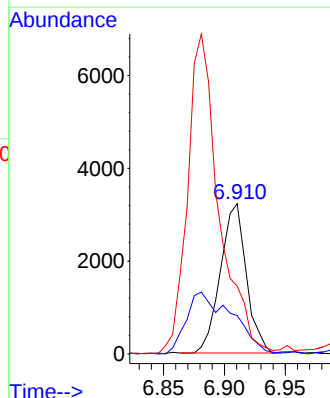
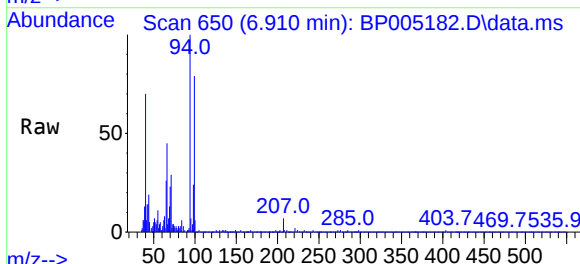
Instrument :
BNA_P
ClientSampleId :
0156-AMENDED-CP-COMP

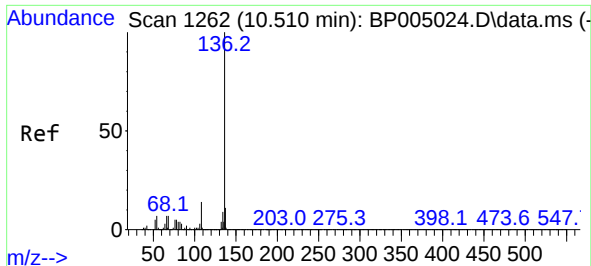
Tgt Ion: 99 Resp: 207783
Ion Ratio Lower Upper
99 100
42 13.4 8.6 13.0#
71 37.2 23.4 35.2#



#10
Phenol
Concen: 2.03 ng
RT: 6.910 min Scan# 650
Delta R.T. -0.006 min
Lab File: BP005182.D
Acq: 05 Apr 2021 17:05

Tgt Ion: 94 Resp: 4779
Ion Ratio Lower Upper
94 100
65 25.5 2.3 42.3
66 45.0 10.9 50.9

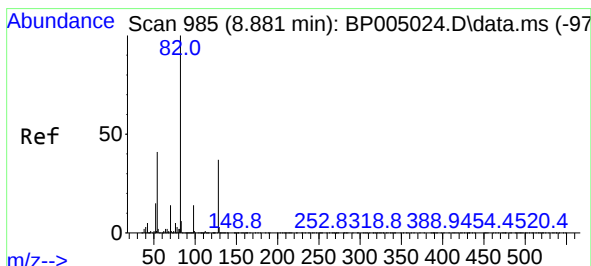
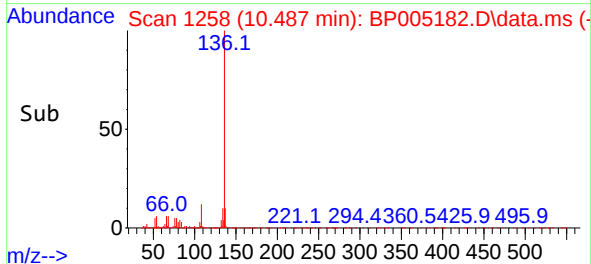
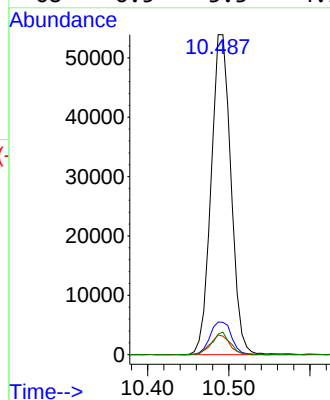
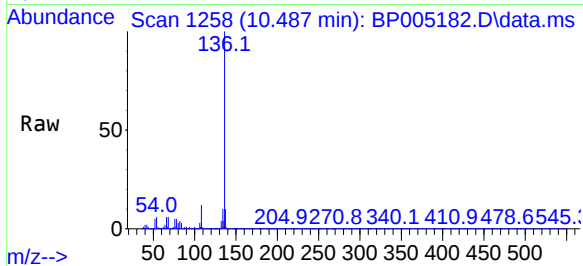




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.487 min Scan# 1258
Delta R.T. -0.012 min
Lab File: BP005182.D
Acq: 05 Apr 2021 17:05

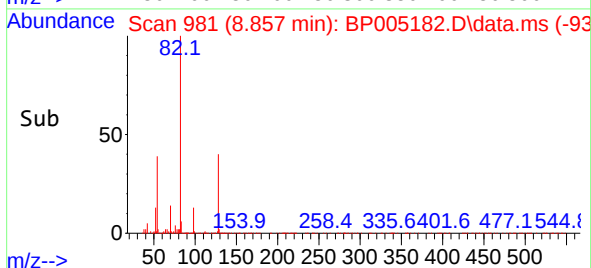
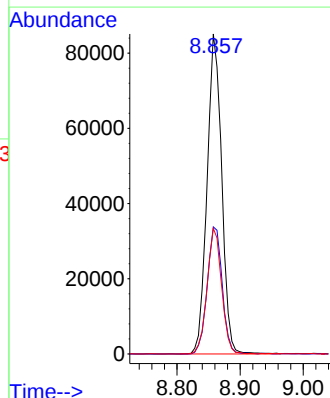
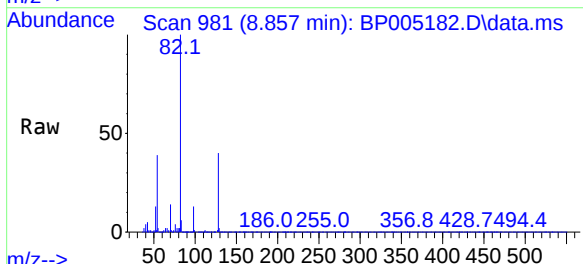
Instrument :
BNA_P
ClientSampleId :
0156-AMENDED-CP-COMP

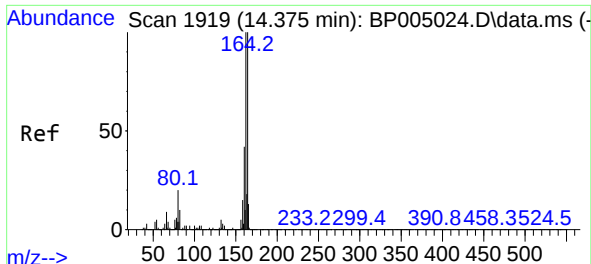
Tgt Ion:	136	Resp:	91528
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.6	13.0
54	6.2	3.6	5.4#
68	6.5	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 64.25 ng
RT: 8.857 min Scan# 981
Delta R.T. -0.012 min
Lab File: BP005182.D
Acq: 05 Apr 2021 17:05

Tgt Ion:	82	Resp:	137062
Ion	Ratio	Lower	Upper
82	100		
128	39.7	45.6	68.4#
54	39.2	30.1	45.1

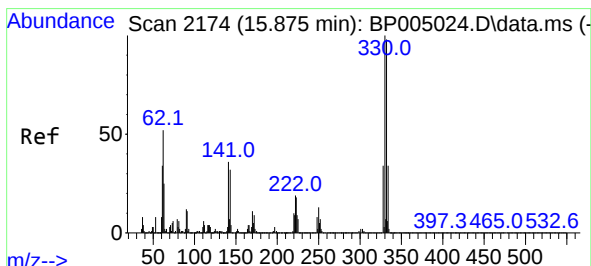
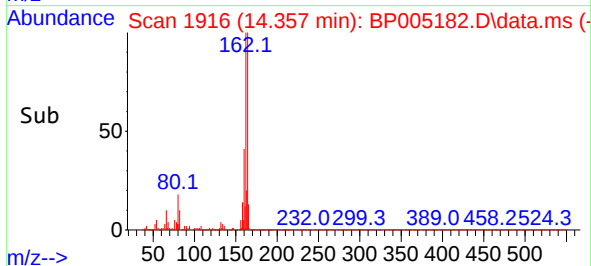
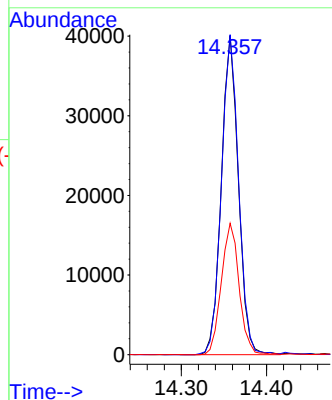
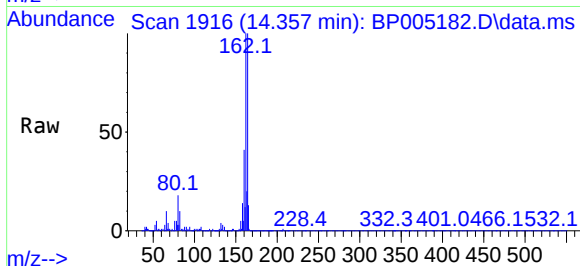




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.357 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BP005182.D
Acq: 05 Apr 2021 17:05

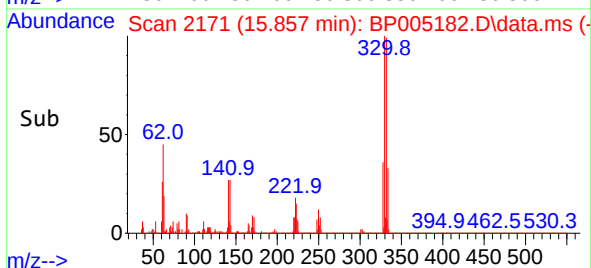
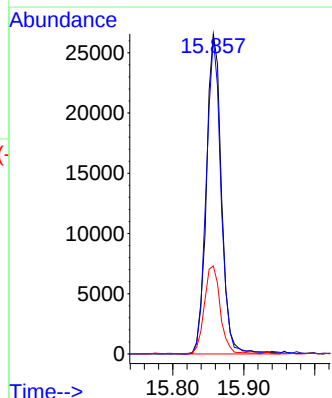
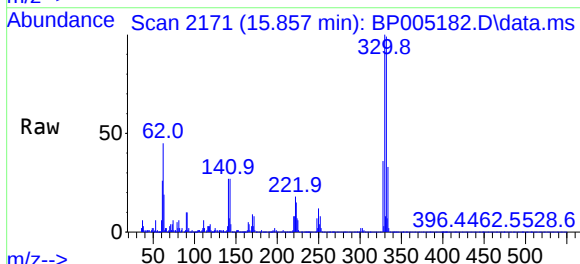
Instrument :
BNA_P
ClientSampleId :
0156-AMENDED-CP-COMP

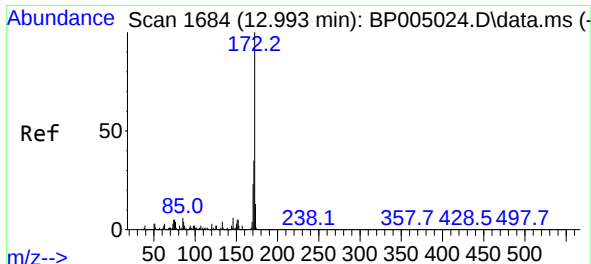
Tgt Ion:164 Resp: 55796
Ion Ratio Lower Upper
164 100
162 100.4 79.4 119.2
160 41.2 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 53.86 ng
RT: 15.857 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BP005182.D
Acq: 05 Apr 2021 17:05

Tgt Ion:330 Resp: 39155
Ion Ratio Lower Upper
330 100
332 96.4 77.1 115.7
141 29.2 23.4 35.2

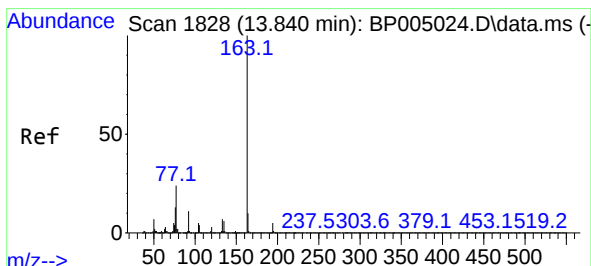
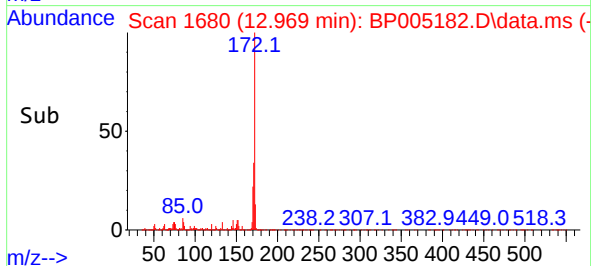
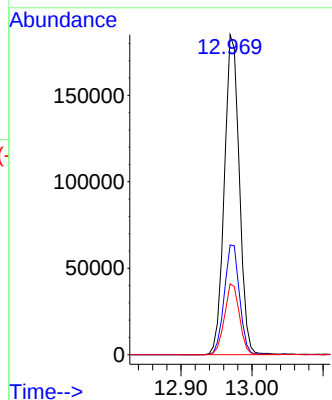
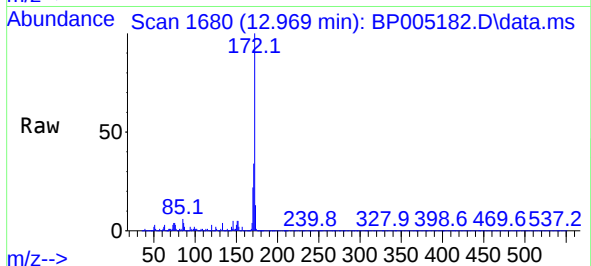




#45
2-Fluorobiphenyl
Concen: 65.45 ng
RT: 12.969 min Scan# 1680
Delta R.T. -0.012 min
Lab File: BP005182.D
Acq: 05 Apr 2021 17:05

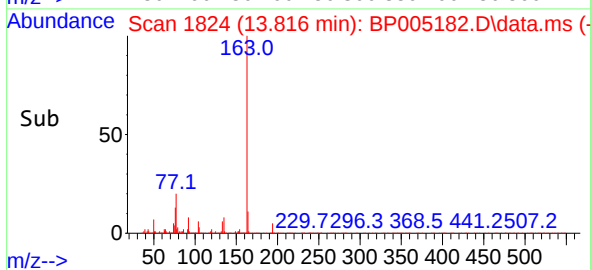
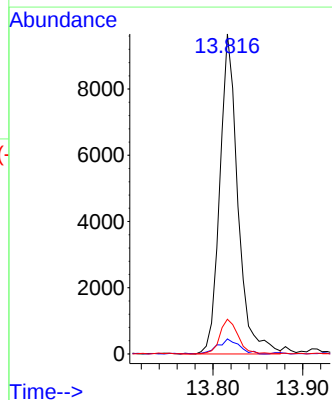
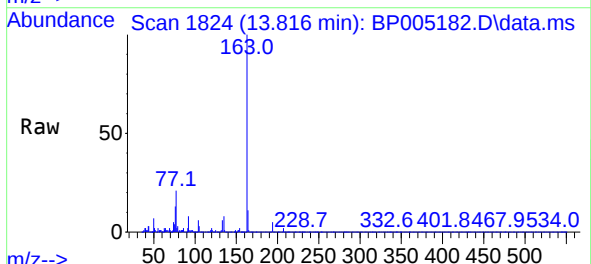
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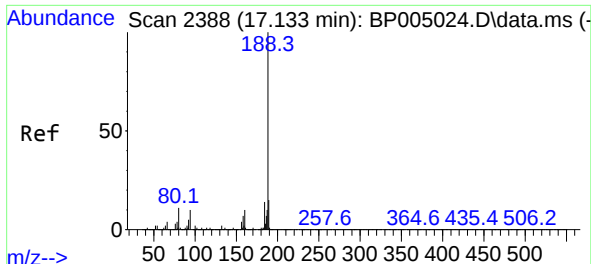
Tgt Ion:172	Resp:	269956
Ion Ratio	Lower	Upper
172	100	
171	34.3	28.5 42.7
170	22.1	19.2 28.8



#50
Dimethylphthalate
Concen: 3.15 ng
RT: 13.816 min Scan# 1824
Delta R.T. -0.012 min
Lab File: BP005182.D
Acq: 05 Apr 2021 17:05

Tgt Ion:163	Resp:	13537
Ion Ratio	Lower	Upper
163	100	
194	4.7	3.3 4.9
164	10.9	8.2 12.2

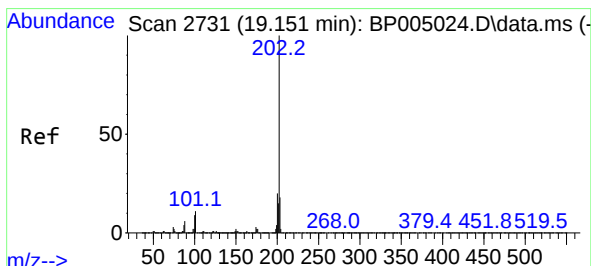
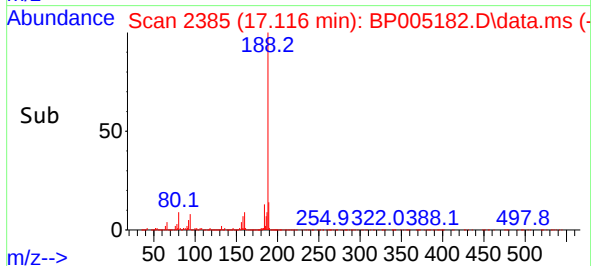
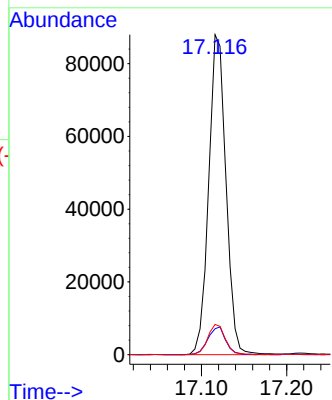
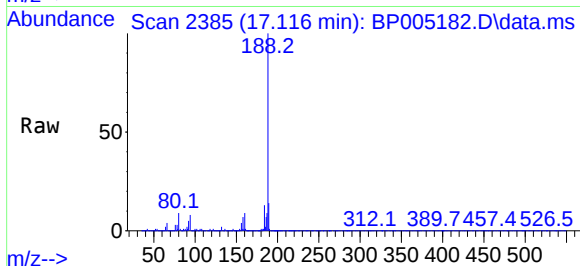




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.116 min Scan# 2385
Delta R.T. -0.012 min
Lab File: BP005182.D
Acq: 05 Apr 2021 17:05

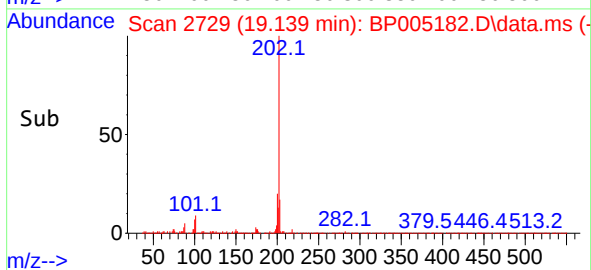
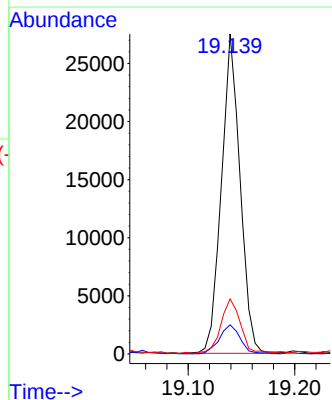
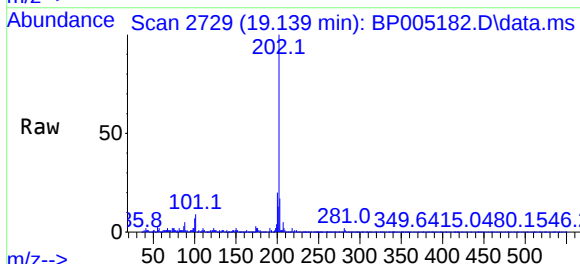
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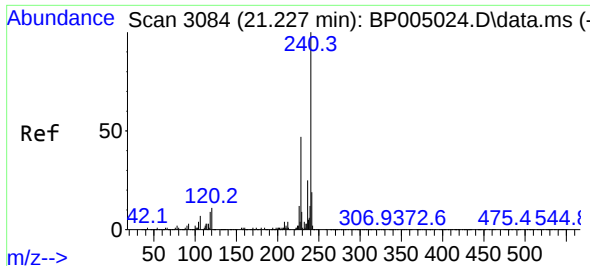
Tgt Ion:188 Resp: 123785
Ion Ratio Lower Upper
188 100
94 8.1 6.2 9.2
80 9.5 6.2 9.2#



#75
Fluoranthene
Concen: 3.96 ng
RT: 19.139 min Scan# 2729
Delta R.T. -0.006 min
Lab File: BP005182.D
Acq: 05 Apr 2021 17:05

Tgt Ion:202 Resp: 33397
Ion Ratio Lower Upper
202 100
101 9.1 0.0 29.4
203 17.2 0.0 37.8



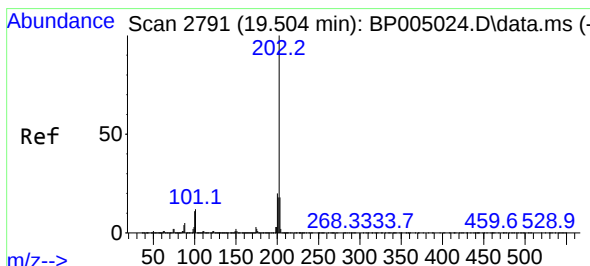
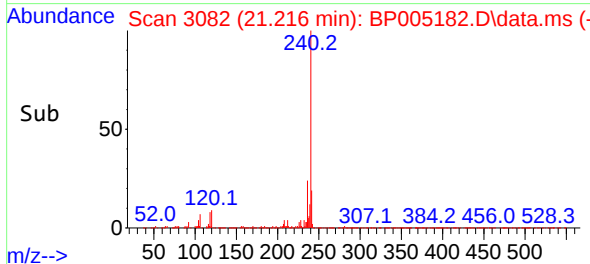
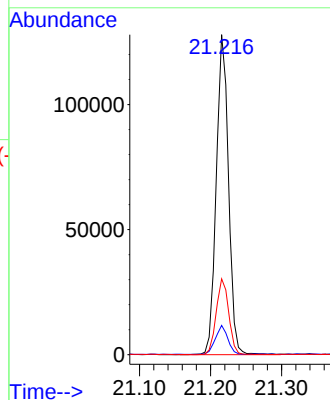
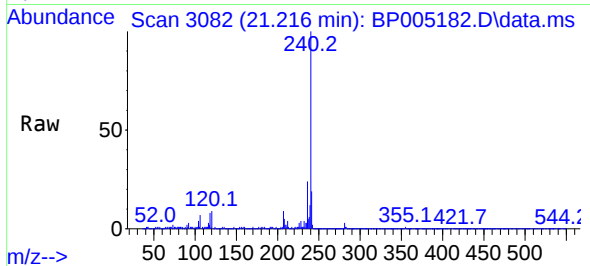


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.216 min Scan# 3082
Delta R.T. -0.012 min
Lab File: BP005182.D
Acq: 05 Apr 2021 17:05

Instrument :
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ClientSampleId :
0156-AMENDED-CP-COMP

Tgt Ion:240 Resp: 152643

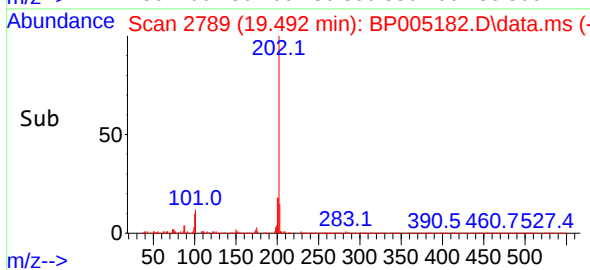
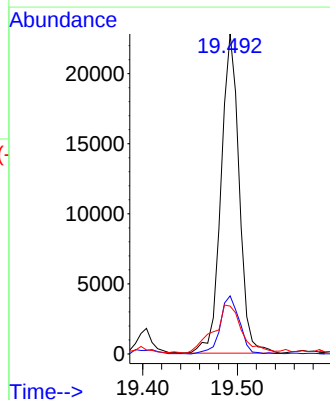
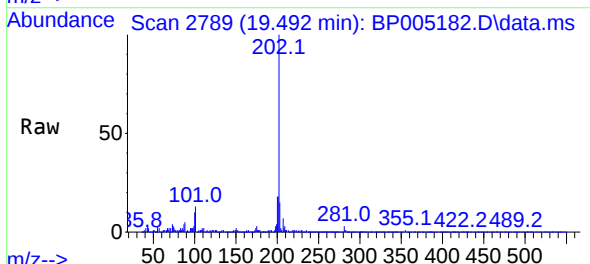
Ion	Ratio	Lower	Upper
240	100		
120	9.1	7.8	11.6
236	23.7	20.8	31.2

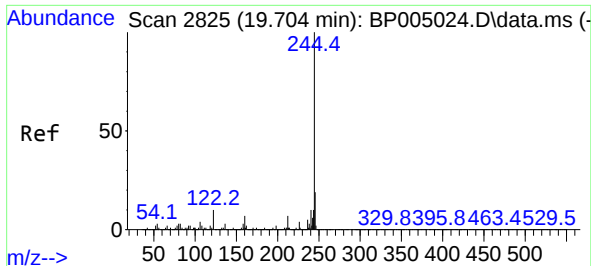


#78
Pyrene
Concen: 2.90 ng
RT: 19.492 min Scan# 2789
Delta R.T. -0.006 min
Lab File: BP005182.D
Acq: 05 Apr 2021 17:05

Tgt Ion:202 Resp: 30420

Ion	Ratio	Lower	Upper
202	100		
200	18.1	17.1	25.7
203	15.0	14.2	21.2

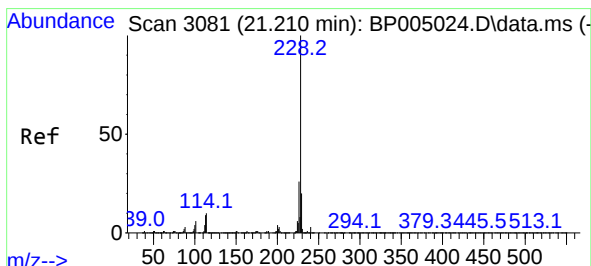
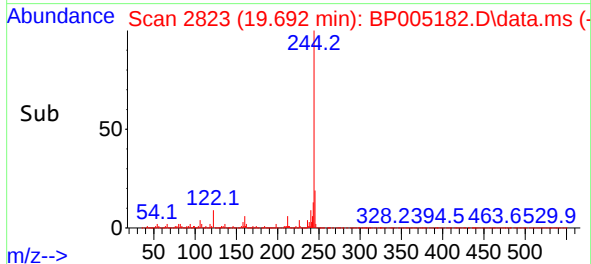
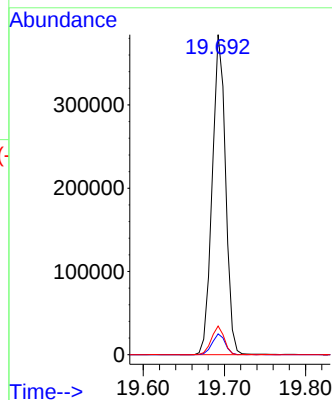
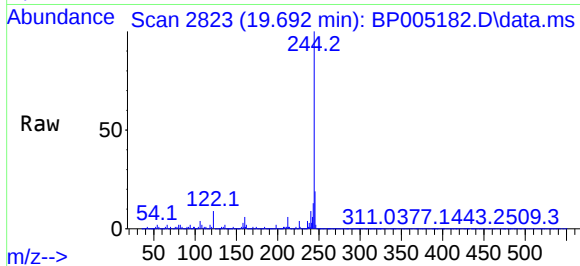




#79
Terphenyl-d14
Concen: 52.21 ng
RT: 19.692 min Scan# 2823
Delta R.T. -0.006 min
Lab File: BP005182.D
Acq: 05 Apr 2021 17:05

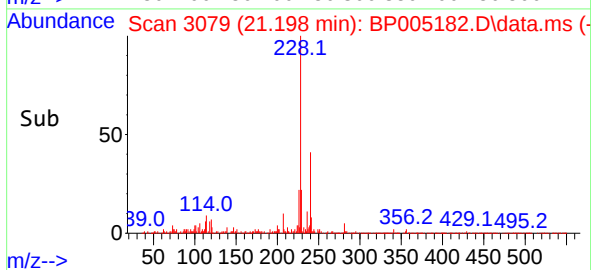
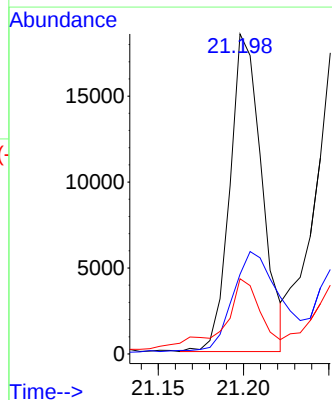
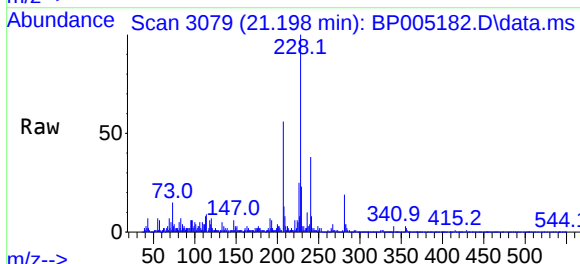
Instrument :
BNA_P
ClientSampleId :
0156-AMENDED-CP-COMP

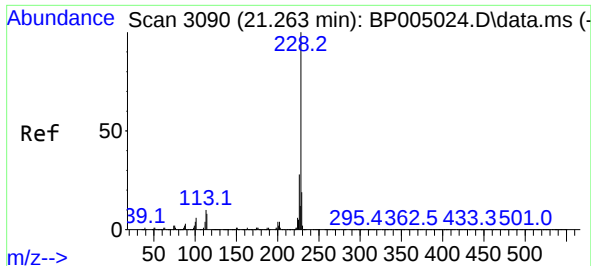
Tgt Ion:244 Resp: 437765
Ion Ratio Lower Upper
244 100
212 6.5 5.8 8.6
122 9.0 7.8 11.8



#81
Benzo(a)anthracene
Concen: 2.33 ng
RT: 21.198 min Scan# 3079
Delta R.T. -0.012 min
Lab File: BP005182.D
Acq: 05 Apr 2021 17:05

Tgt Ion:228 Resp: 24139
Ion Ratio Lower Upper
228 100
226 24.9 22.1 33.1
229 23.5 15.9 23.9

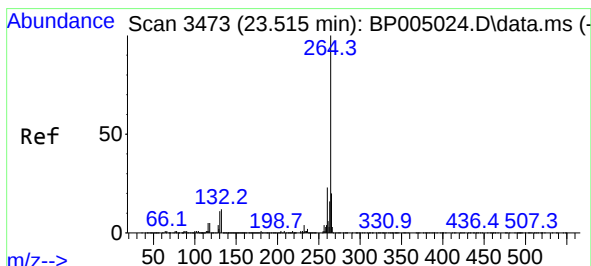
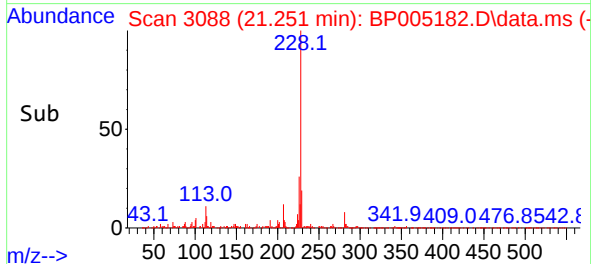
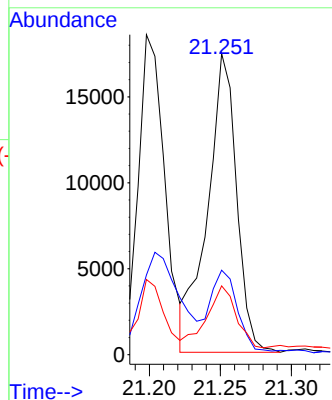
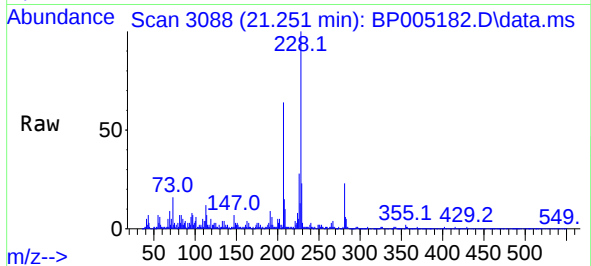




#83
Chrysene
Concen: 2.43 ng
RT: 21.251 min Scan# 3088
Delta R.T. -0.012 min
Lab File: BP005182.D
Acq: 05 Apr 2021 17:05

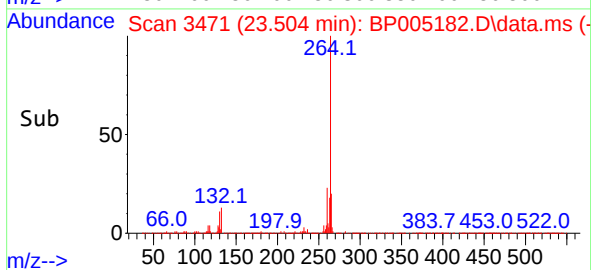
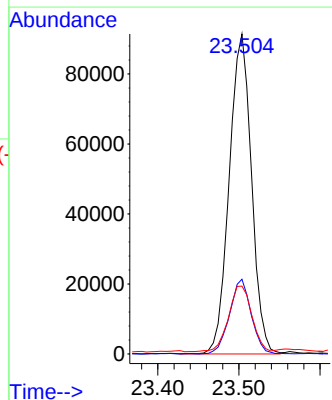
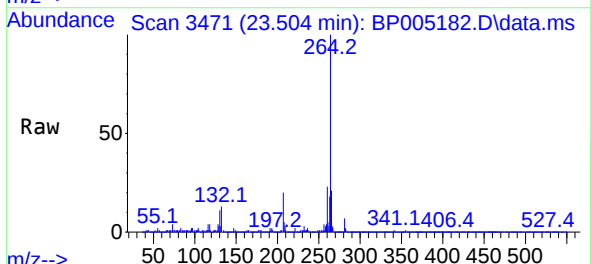
Instrument :
BNA_P
ClientSampleId :
0156-AMENDED-CP-COMP

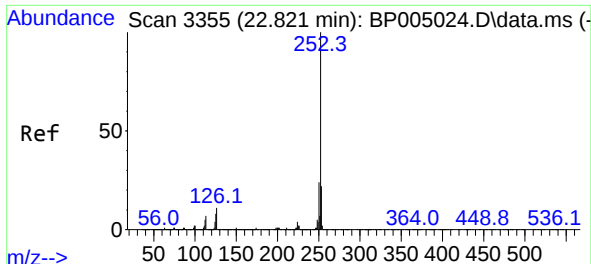
Tgt Ion:	228	Resp:	24751
Ion	Ratio	Lower	Upper
228	100		
226	28.1	24.4	36.6
229	22.9	15.8	23.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.504 min Scan# 3471
Delta R.T. -0.006 min
Lab File: BP005182.D
Acq: 05 Apr 2021 17:05

Tgt Ion:	264	Resp:	174204
Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.8	28.2
265	21.2	17.4	26.2

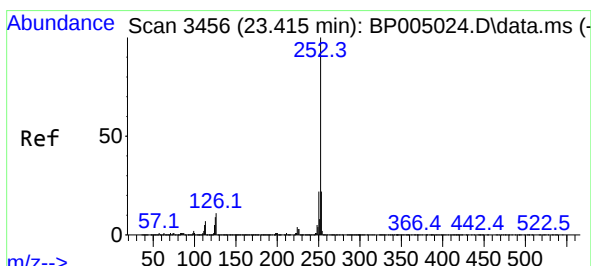
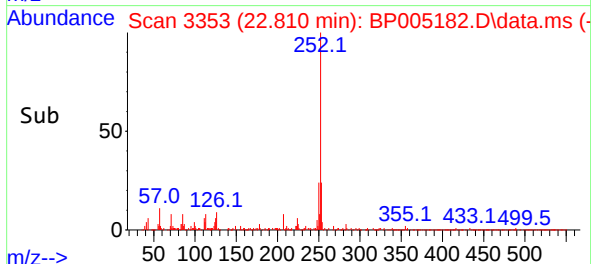
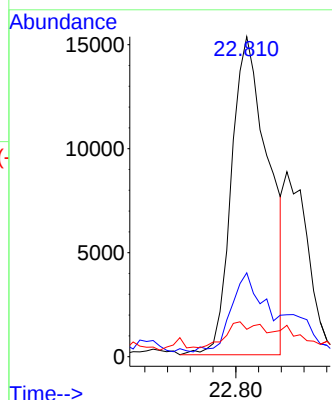
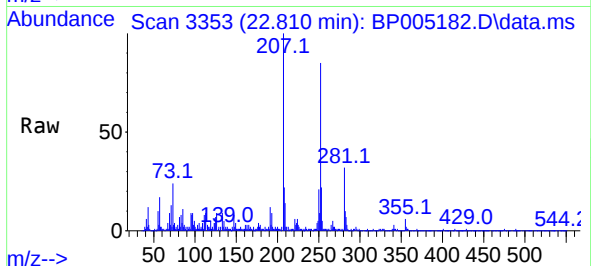




#88
Benzo(b)fluoranthene
Concen: 2.79 ng
RT: 22.810 min Scan# 3353
Delta R.T. -0.006 min
Lab File: BP005182.D
Acq: 05 Apr 2021 17:05

Instrument :
BNA_P
ClientSampleId :
0156-AMENDED-CP-COMP

Tgt Ion:252 Resp: 34556
Ion Ratio Lower Upper
252 100
253 26.2 17.6 26.4
125 8.6 7.3 10.9



#90
Benzo(a)pyrene
Concen: 2.59 ng
RT: 23.398 min Scan# 3453
Delta R.T. -0.012 min
Lab File: BP005182.D
Acq: 05 Apr 2021 17:05

Tgt Ion:252 Resp: 28770
Ion Ratio Lower Upper
252 100
253 25.0 17.4 26.0
125 11.2 8.2 12.4

