

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040521\
 Data File : BP005177.D
 Acq On : 05 Apr 2021 14:15
 Operator : CG/JU
 Sample : M1883-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 V-211

Quant Time: Apr 05 14:49:15 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)

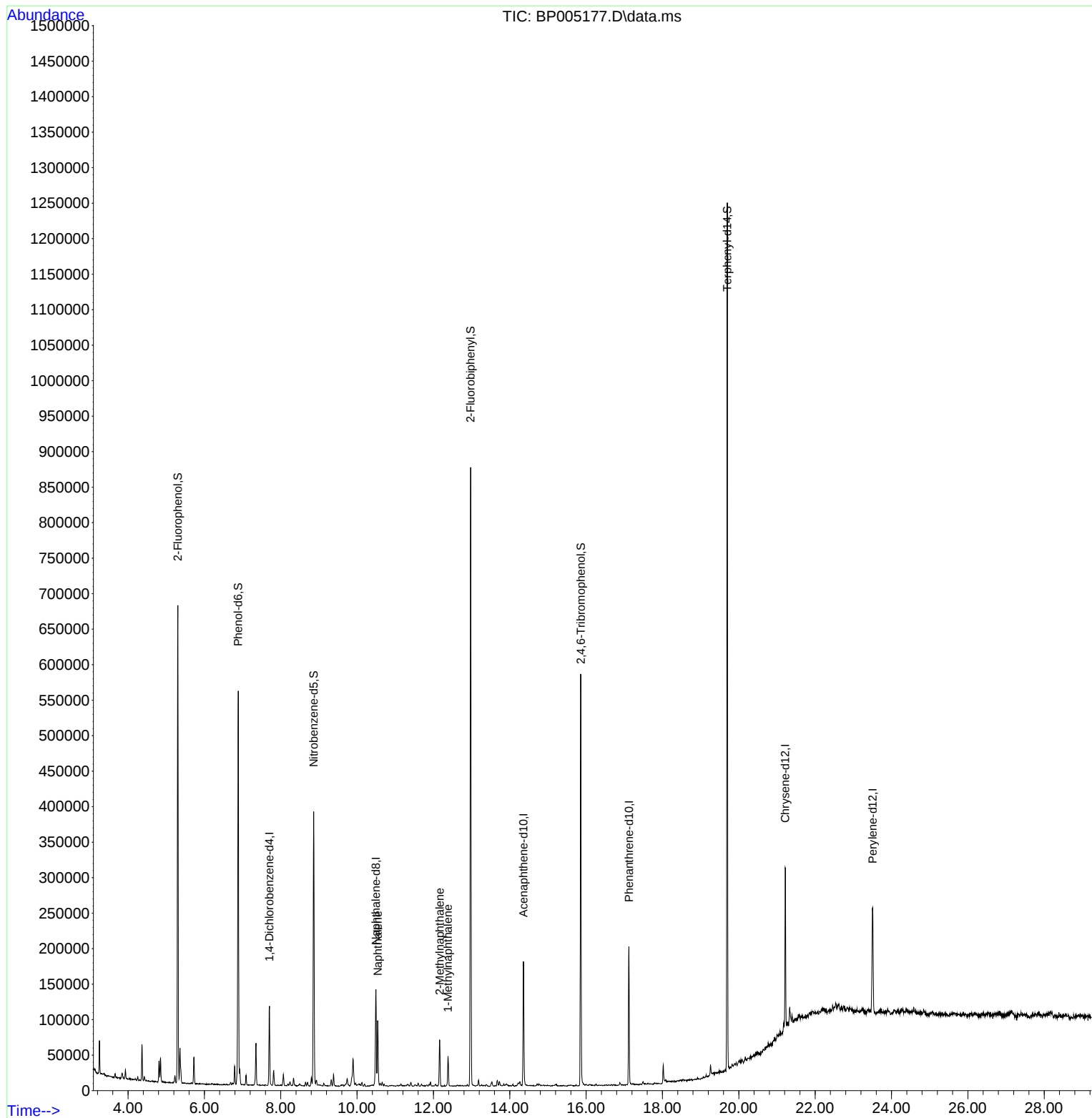
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	28821	20.00	ng	# 0.00
21) Naphthalene-d8	10.493	136	104212	20.00	ng	# 0.00
39) Acenaphthene-d10	14.357	164	60031	20.00	ng	0.00
64) Phenanthrene-d10	17.122	188	112831	20.00	ng	# 0.00
76) Chrysene-d12	21.216	240	103836	20.00	ng	-0.01
86) Perylene-d12	23.504	264	111448	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.305	112	269241	143.76	ng	0.00
7) Phenol-d6	6.887	99	314108	117.09	ng	0.00
23) Nitrobenzene-d5	8.863	82	234734	96.65	ng	0.00
42) 2,4,6-Tribromophenol	15.863	330	98825	126.35	ng	0.00
45) 2-Fluorobiphenyl	12.975	172	424916	95.75	ng	0.00
79) Terphenyl-d14	19.698	244	524811	92.01	ng	0.00
Target Compounds						
31) Naphthalene	10.540	128	66906	11.37	ng	Qvalue 99
37) 2-Methylnaphthalene	12.163	142	30036	7.07	ng	96
38) 1-Methylnaphthalene	12.381	142	18316	4.60	ng	# 96

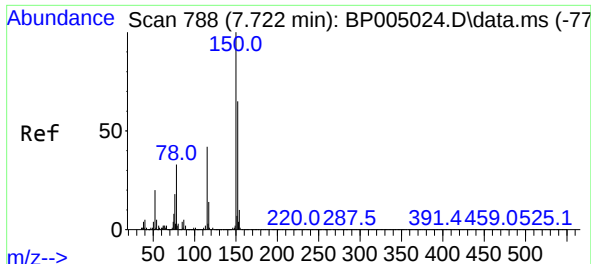
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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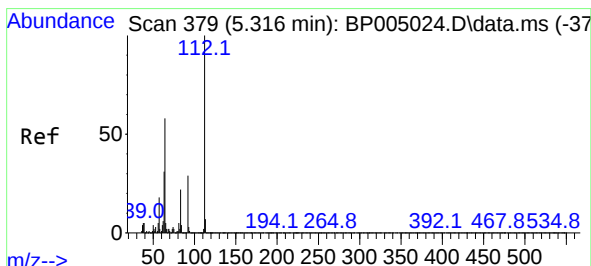
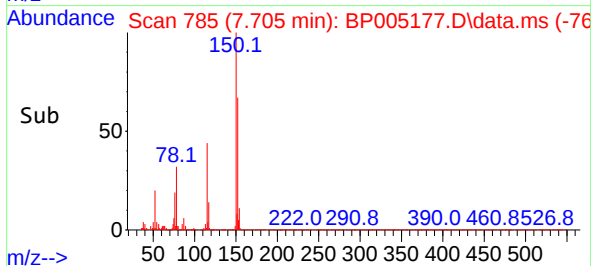
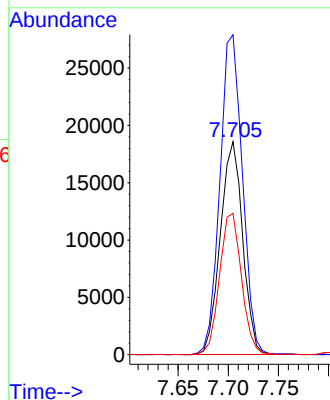
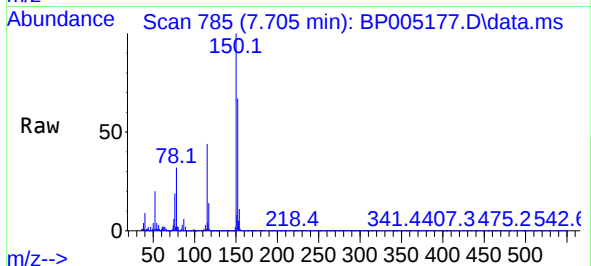




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.705 min Scan# 785
Delta R.T. -0.000 min
Lab File: BP005177.D
Acq: 05 Apr 2021 14:15

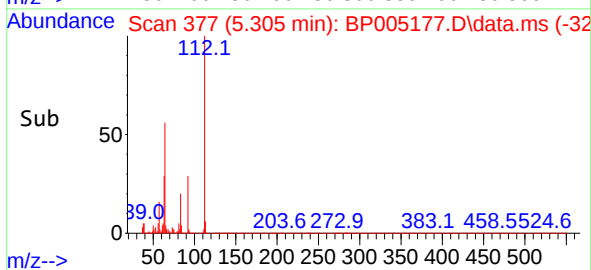
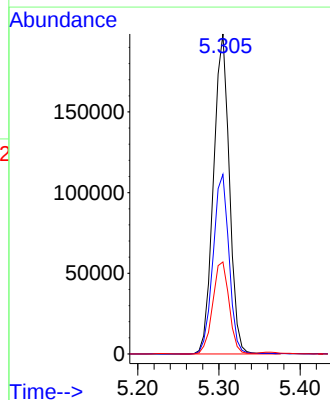
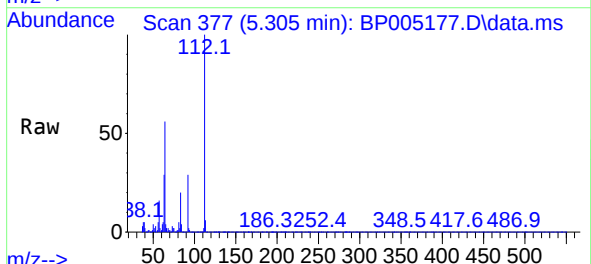
Instrument :
BNA_P
ClientSampleId :
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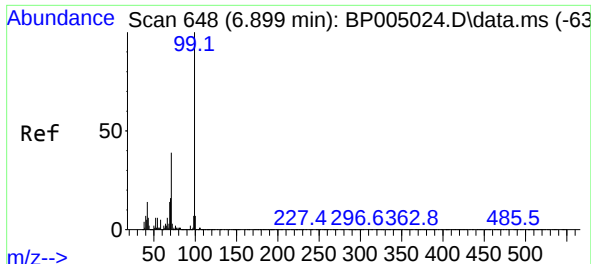
Tgt Ion:152 Resp: 28821
Ion Ratio Lower Upper
152 100
150 150.3 123.8 185.6
115 66.4 43.8 65.6#



#5
2-Fluorophenol
Concen: 143.76 ng
RT: 5.305 min Scan# 377
Delta R.T. -0.000 min
Lab File: BP005177.D
Acq: 05 Apr 2021 14:15

Tgt Ion:112 Resp: 269241
Ion Ratio Lower Upper
112 100
64 56.1 32.8 49.2#
63 28.8 17.0 25.4#

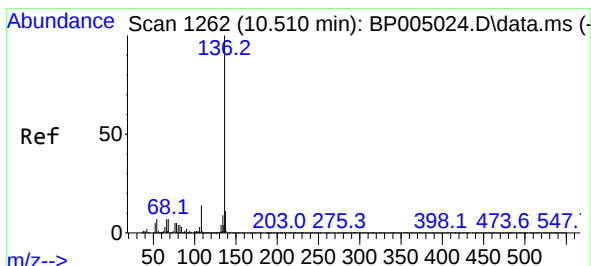
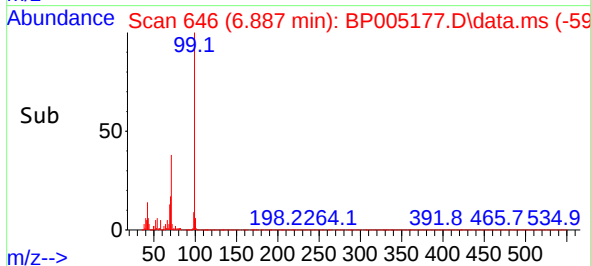
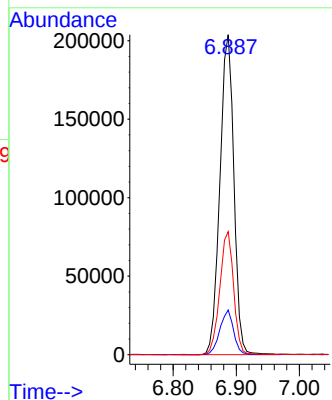
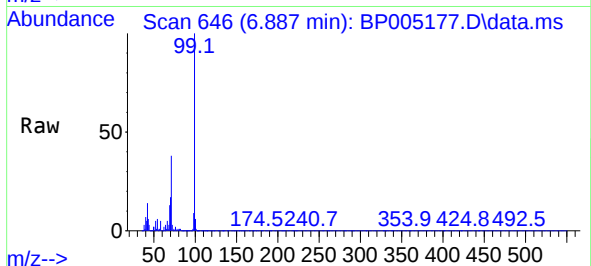




#7
Phenol-d6
Concen: 117.09 ng
RT: 6.887 min Scan# 646
Delta R.T. -0.000 min
Lab File: BP005177.D
Acq: 05 Apr 2021 14:15

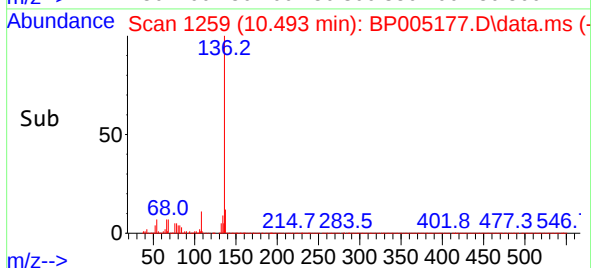
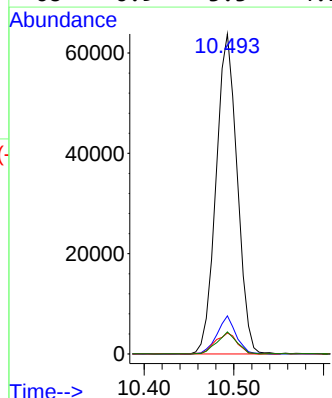
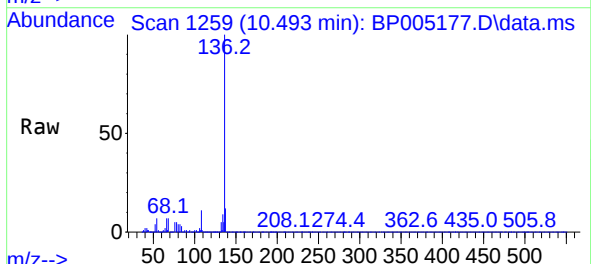
Instrument :
BNA_P
ClientSampleId :
V-211

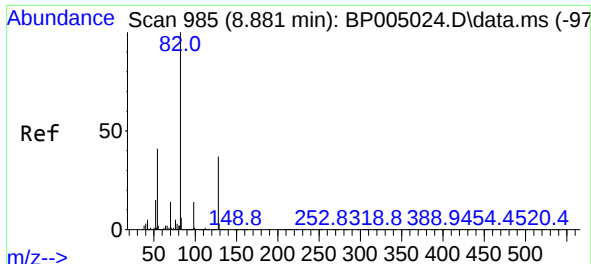
Tgt Ion: 99 Resp: 314108
Ion Ratio Lower Upper
99 100
42 13.9 8.6 13.0#
71 38.4 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.493 min Scan# 1259
Delta R.T. -0.006 min
Lab File: BP005177.D
Acq: 05 Apr 2021 14:15

Tgt Ion: 136 Resp: 104212
Ion Ratio Lower Upper
136 100
137 11.9 8.6 13.0
54 6.6 3.6 5.4#
68 6.9 3.3 4.9#

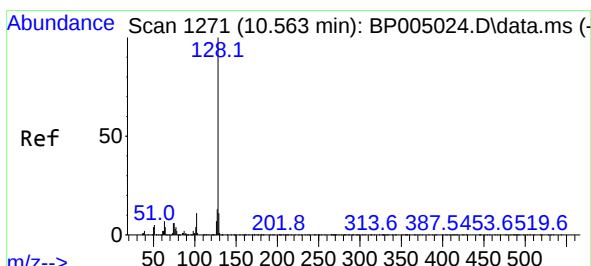
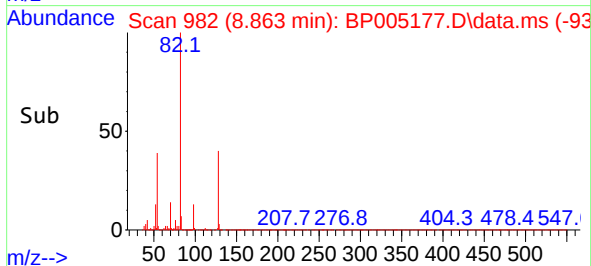
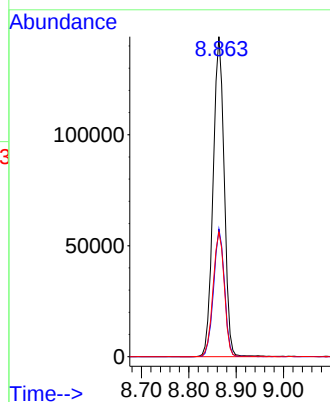
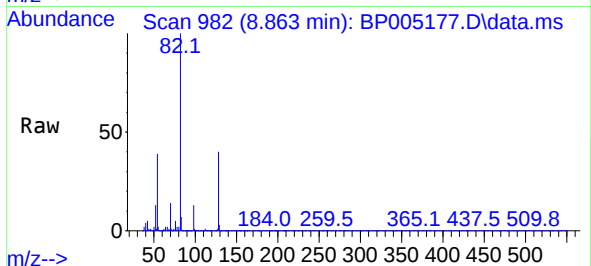




#23
Nitrobenzene-d5
Concen: 96.65 ng
RT: 8.863 min Scan# 982
Delta R.T. -0.006 min
Lab File: BP005177.D
Acq: 05 Apr 2021 14:15

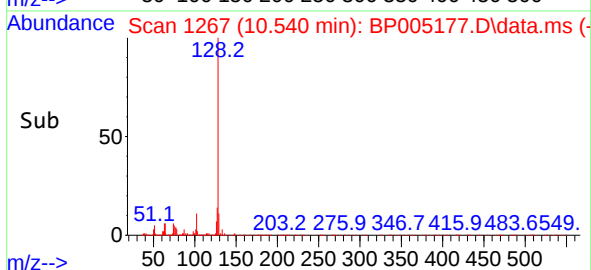
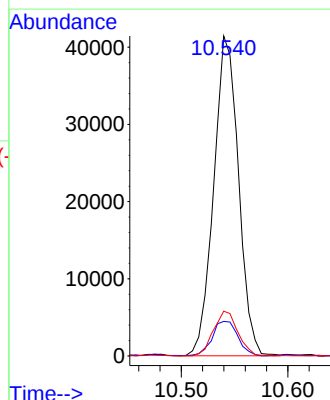
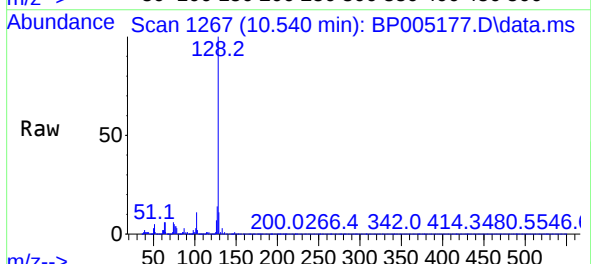
Instrument :
BNA_P
ClientSampled :
V-211

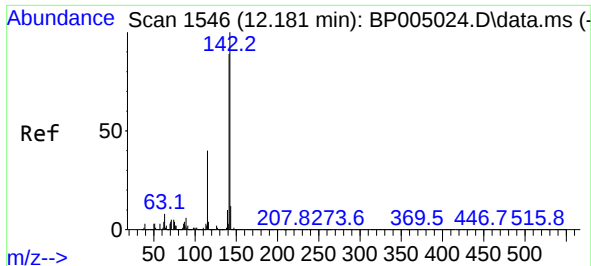
Tgt Ion: 82 Resp: 234734
Ion Ratio Lower Upper
82 100
128 39.9 45.6 68.4#
54 39.0 30.1 45.1



#31
Naphthalene
Concen: 11.37 ng
RT: 10.540 min Scan# 1267
Delta R.T. -0.012 min
Lab File: BP005177.D
Acq: 05 Apr 2021 14:15

Tgt Ion: 128 Resp: 66906
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 14.0 10.6 15.8

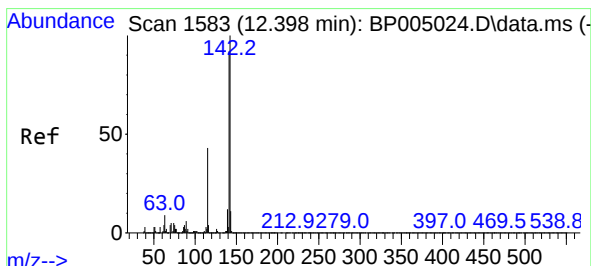
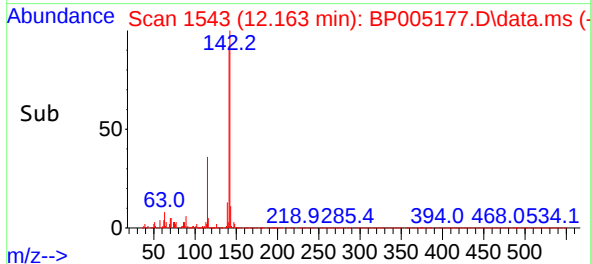
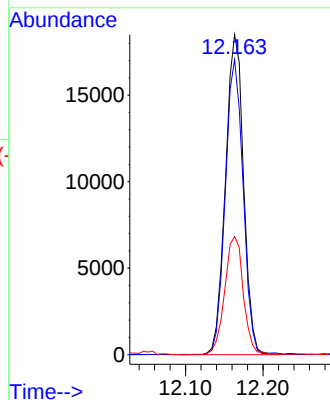
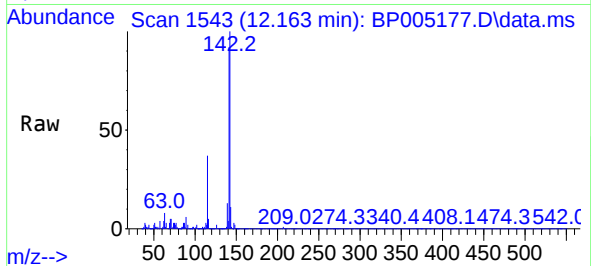




#37
2-Methylnaphthalene
Concen: 7.07 ng
RT: 12.163 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BP005177.D
Acq: 05 Apr 2021 14:15

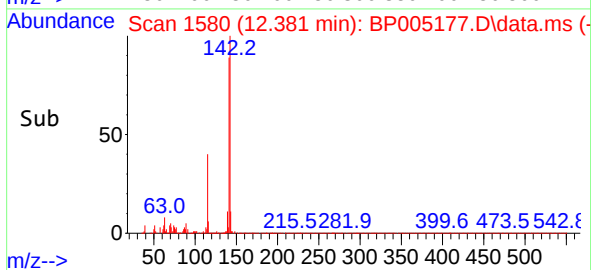
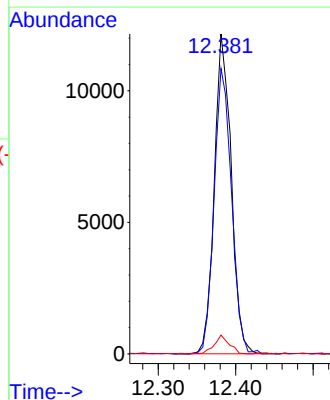
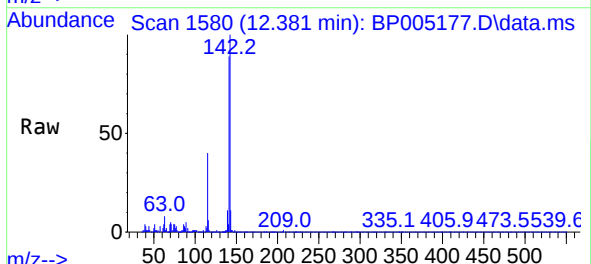
Instrument :
BNA_P
ClientSampleId :
V-211

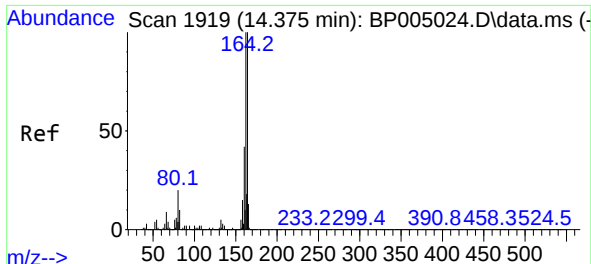
Tgt Ion:142 Resp: 30036
Ion Ratio Lower Upper
142 100
141 92.2 71.4 107.2
115 36.9 25.8 38.6



#38
1-Methylnaphthalene
Concen: 4.60 ng
RT: 12.381 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BP005177.D
Acq: 05 Apr 2021 14:15

Tgt Ion:142 Resp: 18316
Ion Ratio Lower Upper
142 100
141 89.2 74.4 111.6
116 5.9 2.9 4.3#

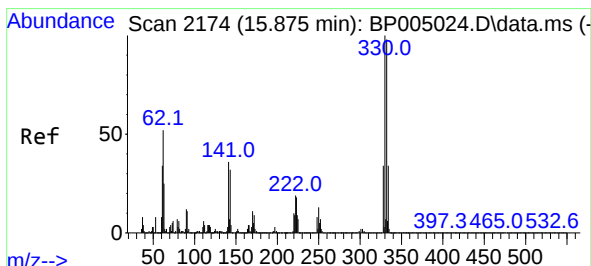
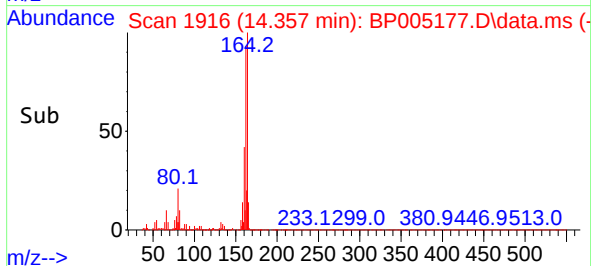
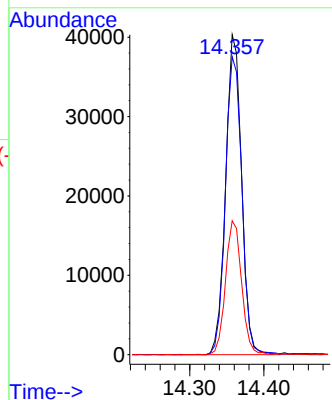
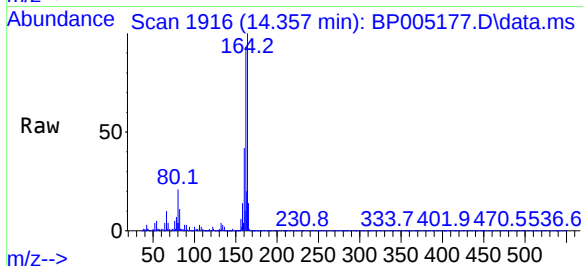




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.357 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BP005177.D
Acq: 05 Apr 2021 14:15

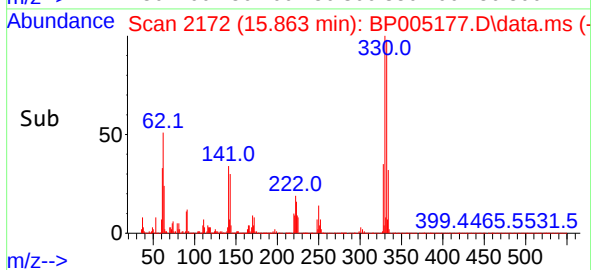
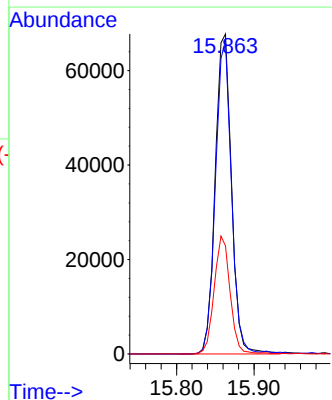
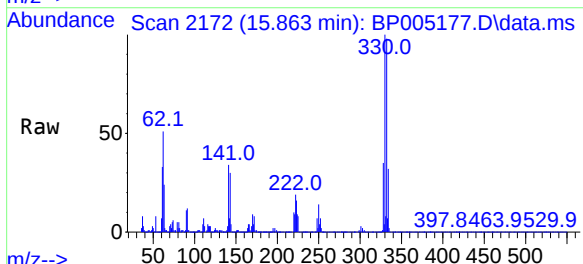
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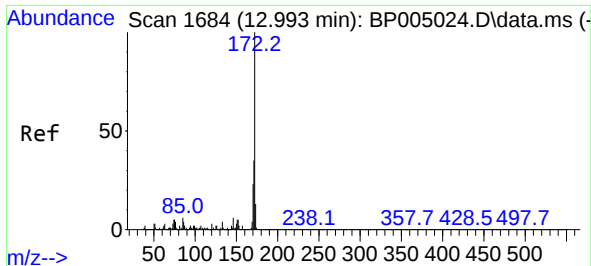
Tgt Ion:164 Resp: 60031
Ion Ratio Lower Upper
164 100
162 93.1 79.4 119.2
160 41.9 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 126.35 ng
RT: 15.863 min Scan# 2172
Delta R.T. -0.000 min
Lab File: BP005177.D
Acq: 05 Apr 2021 14:15

Tgt Ion:330 Resp: 98825
Ion Ratio Lower Upper
330 100
332 95.8 77.1 115.7
141 36.0 23.4 35.2#

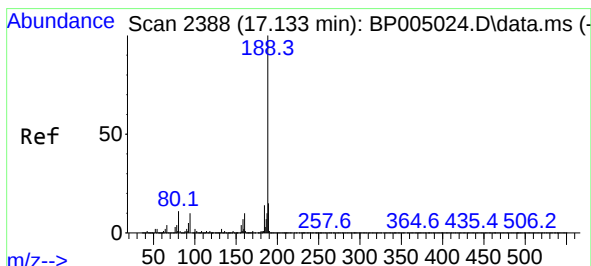
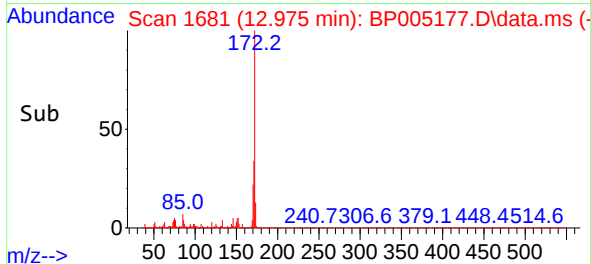
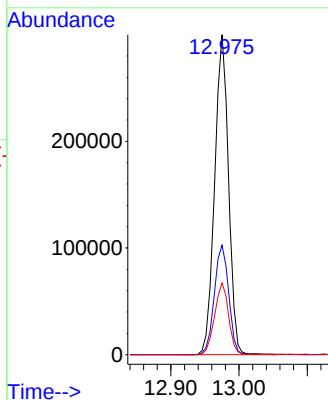
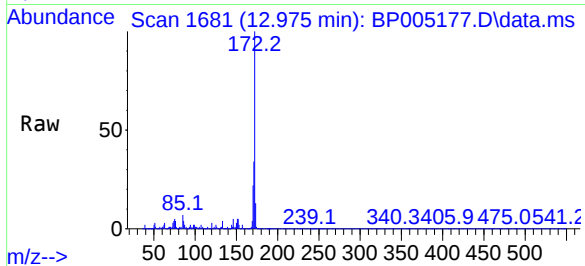




#45
2-Fluorobiphenyl
Concen: 95.75 ng
RT: 12.975 min Scan# 1681
Delta R.T. -0.006 min
Lab File: BP005177.D
Acq: 05 Apr 2021 14:15

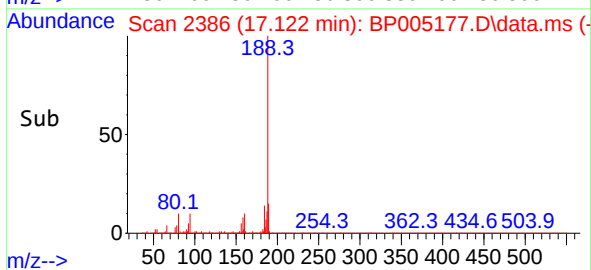
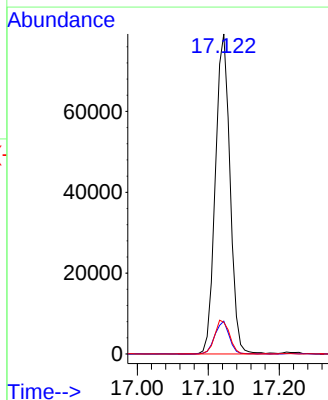
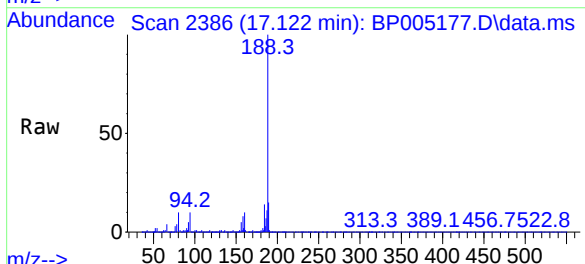
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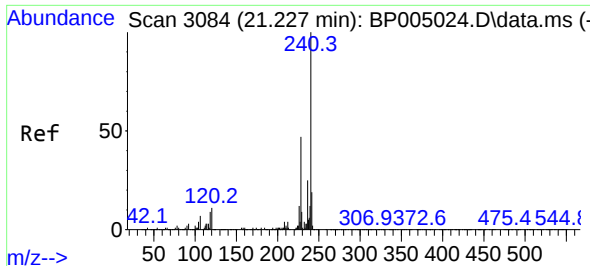
Tgt Ion:	172	Resp:	424916
Ion Ratio	Lower	Upper	
172	100		
171	34.2	28.5	42.7
170	22.5	19.2	28.8



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.122 min Scan# 2386
Delta R.T. -0.006 min
Lab File: BP005177.D
Acq: 05 Apr 2021 14:15

Tgt Ion:	188	Resp:	112831
Ion Ratio	Lower	Upper	
188	100		
94	10.2	6.2	9.2#
80	9.9	6.2	9.2#



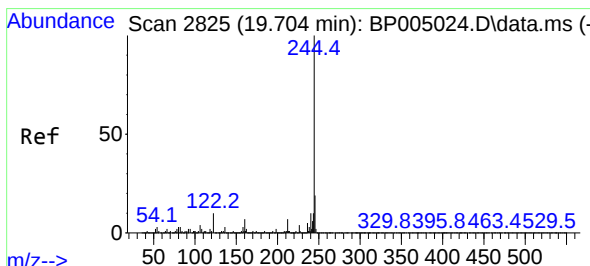
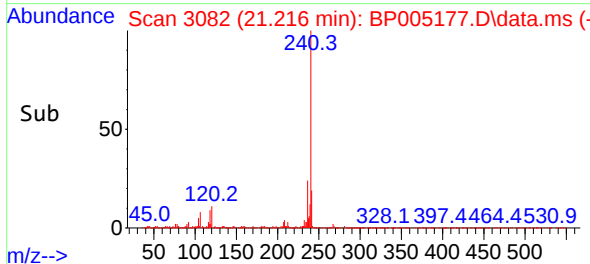
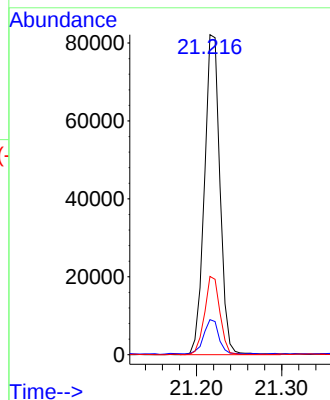
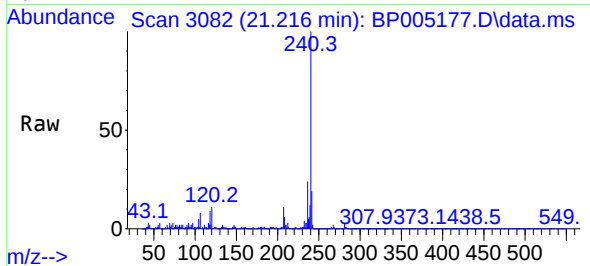


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.216 min Scan# 3082
Delta R.T. -0.012 min
Lab File: BP005177.D
Acq: 05 Apr 2021 14:15

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:240 Resp: 103836

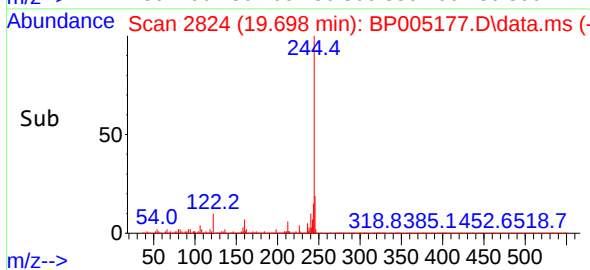
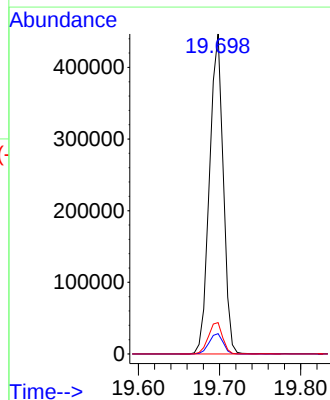
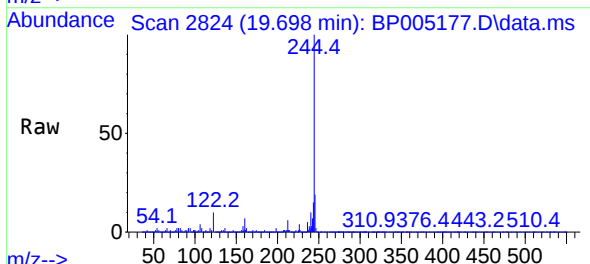
Ion	Ratio	Lower	Upper
240	100		
120	11.0	7.8	11.6
236	24.5	20.8	31.2

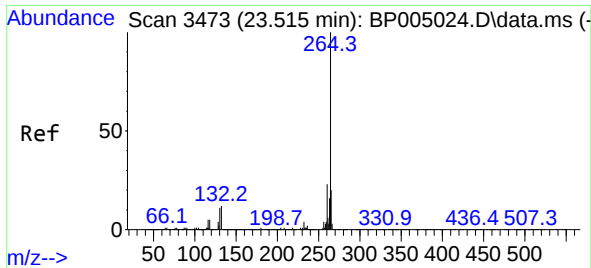


#79
Terphenyl-d14
Concen: 92.01 ng
RT: 19.698 min Scan# 2824
Delta R.T. -0.000 min
Lab File: BP005177.D
Acq: 05 Apr 2021 14:15

Tgt Ion:244 Resp: 524811

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.8	8.6
122	9.8	7.8	11.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.504 min Scan# 3471
Delta R.T. -0.006 min
Lab File: BP005177.D
Acq: 05 Apr 2021 14:15

Instrument :
BNA_P
ClientSampleId :
V-211

Tgt Ion:	264	Resp:	111448
Ion Ratio	Lower	Upper	
264	100		
260	23.9	18.8	28.2
265	22.7	17.4	26.2

