

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051221\
 Data File : BP005514.D
 Acq On : 12 May 2021 20:49
 Operator : CG/JU
 Sample : M2365-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-3

Quant Time: May 13 03:27:55 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 11 11:20:59 2021
 Response via : Initial Calibration

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

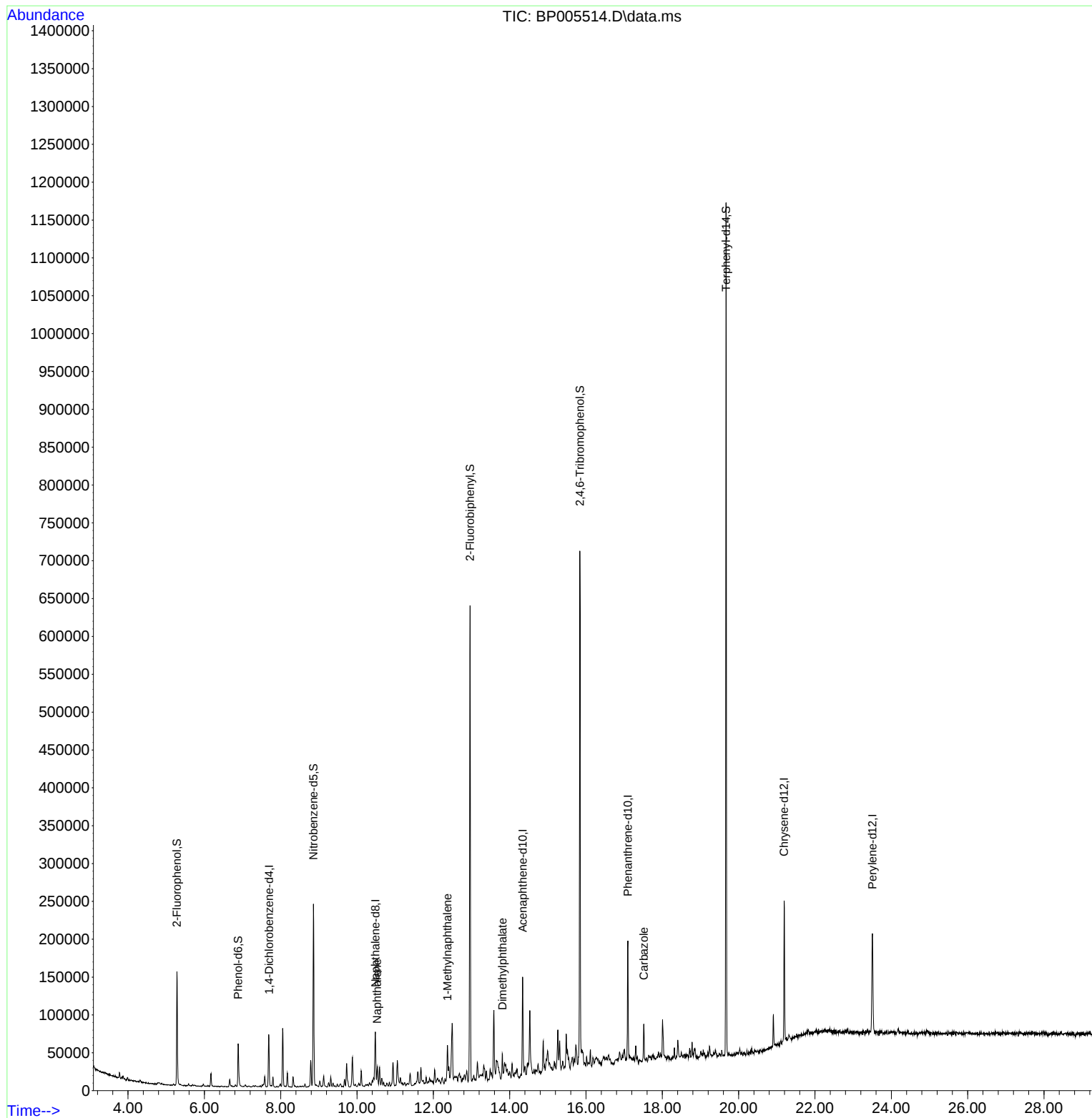
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	13532	20.00	ng	0.00
21) Naphthalene-d8	10.481	136	38676	20.00	ng	#-0.01
39) Acenaphthene-d10	14.340	164	33585	20.00	ng	0.00
64) Phenanthrene-d10	17.098	188	83603	20.00	ng	# 0.00
76) Chrysene-d12	21.192	240	87411	20.00	ng	# 0.00
86) Perylene-d12	23.504	264	103593	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	46861	66.46	ng	0.00
7) Phenol-d6	6.887	99	23476	26.70	ng	0.00
23) Nitrobenzene-d5	8.857	82	100216	101.99	ng	0.00
42) 2,4,6-Tribromophenol	15.839	330	114972	120.64	ng	0.00
45) 2-Fluorobiphenyl	12.963	172	252148	84.69	ng	0.00
79) Terphenyl-d14	19.669	244	435096	84.53	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	10.528	128	5171	2.49	ng	# 86
38) 1-Methylnaphthalene	12.369	142	15463	9.82	ng	# 86
50) Dimethylphthalate	13.810	163	15075	5.20	ng	# 94
73) Carbazole	17.516	167	26978	6.50	ng	96

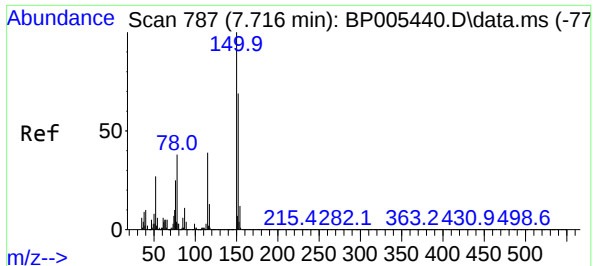
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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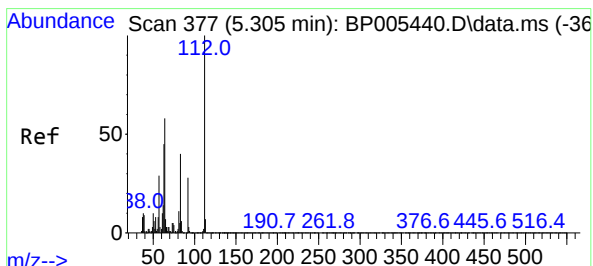
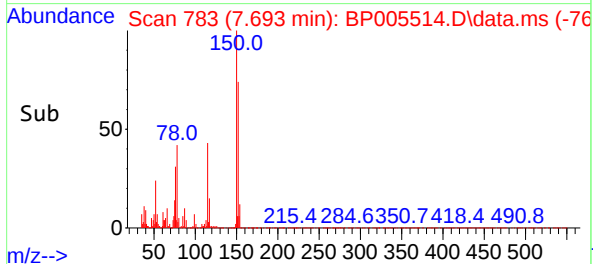
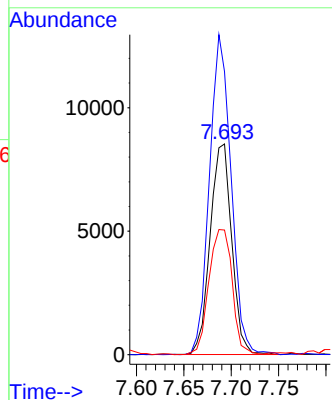
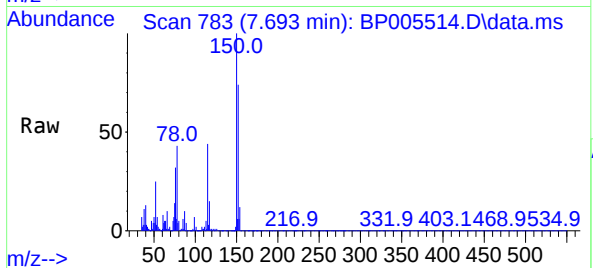




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.693 min Scan# 783
Delta R.T. -0.006 min
Lab File: BP005514.D
Acq: 12 May 2021 20:49

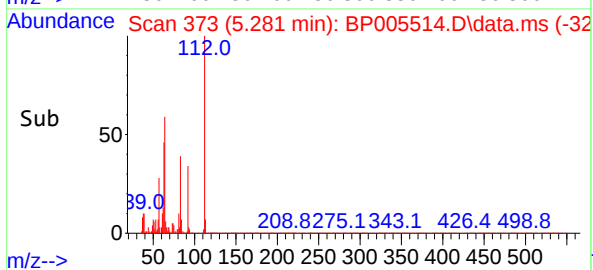
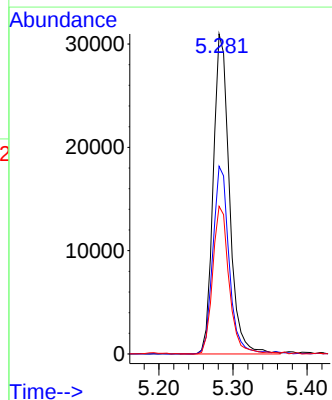
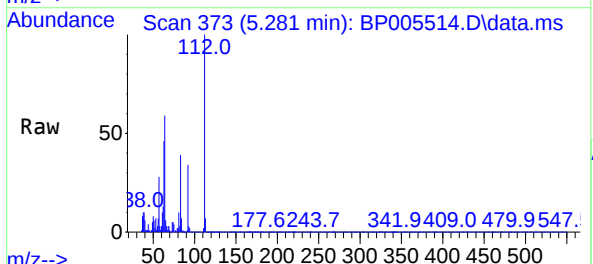
Instrument :
BNA_P
ClientSampleId :
MW-3

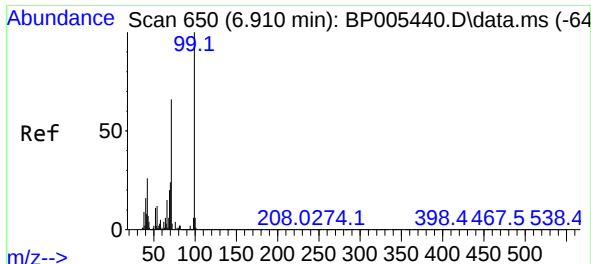
Tgt Ion:	152	Resp:	13532
Ion	Ratio	Lower	Upper
152	100		
150	134.3	119.8	179.8
115	59.2	49.0	73.4



#5
2-Fluorophenol
Concen: 66.46 ng
RT: 5.281 min Scan# 373
Delta R.T. -0.006 min
Lab File: BP005514.D
Acq: 12 May 2021 20:49

Tgt Ion:	112	Resp:	46861
Ion	Ratio	Lower	Upper
112	100		
64	58.7	33.6	50.4#
63	46.2	18.6	27.8#

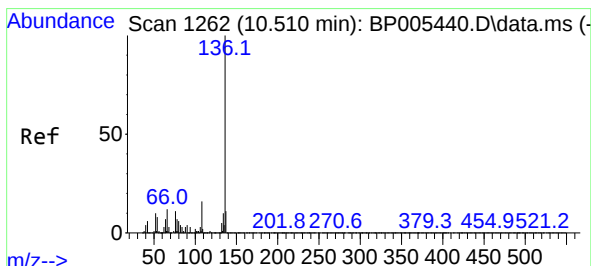
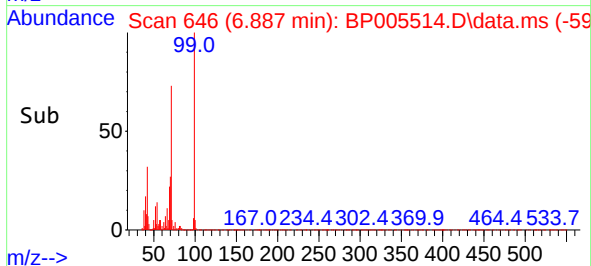
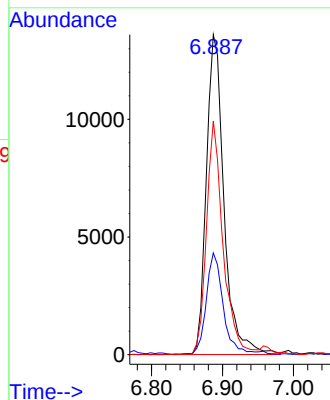
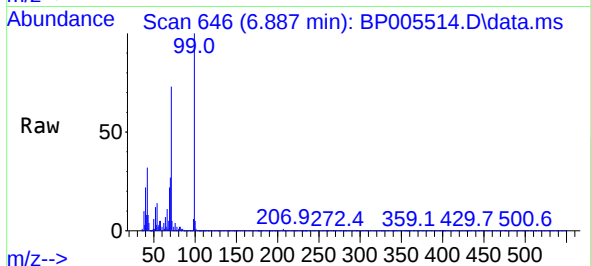




#7
Phenol-d6
Concen: 26.70 ng
RT: 6.887 min Scan# 646
Delta R.T. -0.006 min
Lab File: BP005514.D
Acq: 12 May 2021 20:49

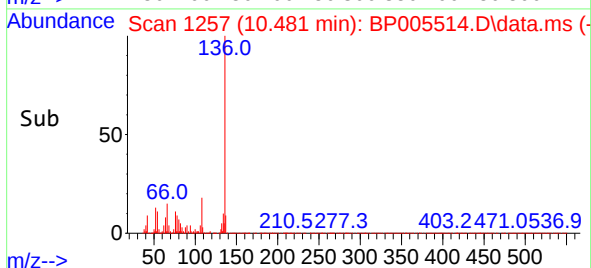
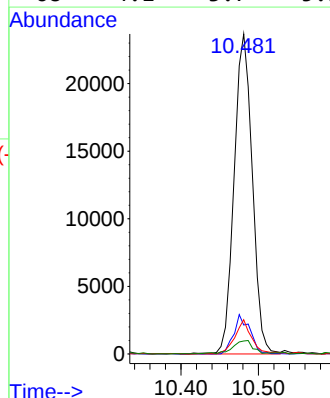
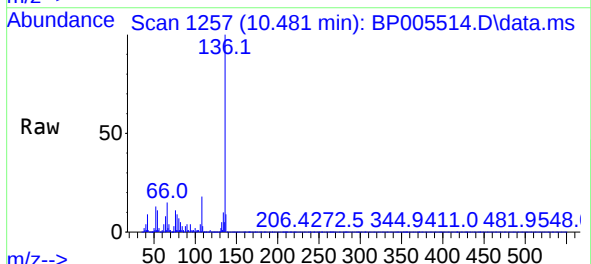
Instrument :
BNA_P
ClientSampleId :
MW-3

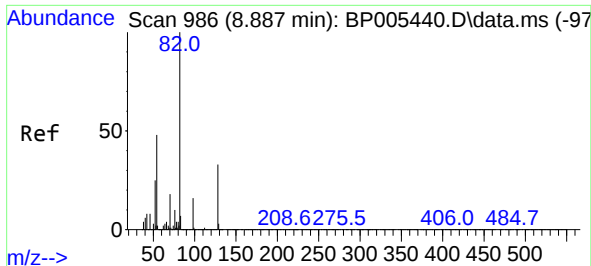
Tgt Ion: 99 Resp: 23476
Ion Ratio Lower Upper
99 100
42 31.8 12.9 19.3#
71 73.0 26.7 40.1#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.012 min
Lab File: BP005514.D
Acq: 12 May 2021 20:49

Tgt Ion: 136 Resp: 38676
Ion Ratio Lower Upper
136 100
137 9.1 8.9 13.3
54 10.7 5.0 7.4#
68 4.1 3.7 5.5

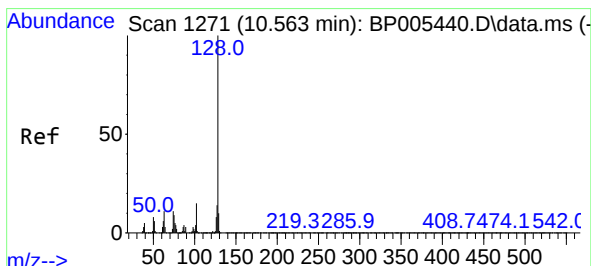
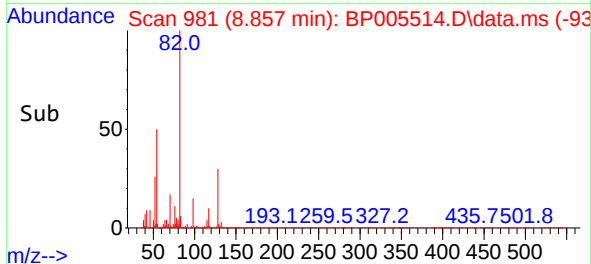
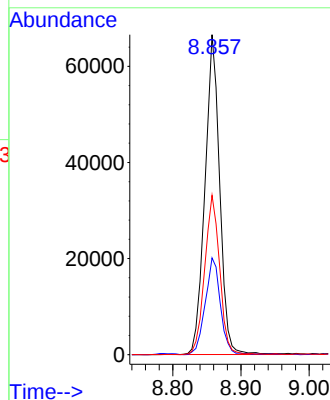
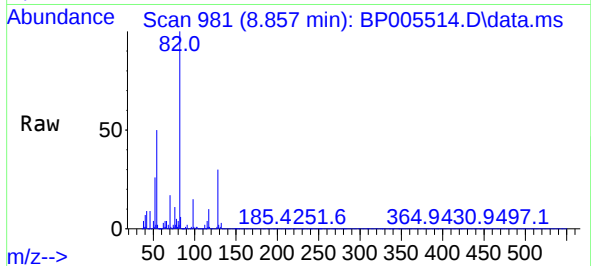




#23
Nitrobenzene-d5
Concen: 101.99 ng
RT: 8.857 min Scan# 981
Delta R.T. -0.006 min
Lab File: BP005514.D
Acq: 12 May 2021 20:49

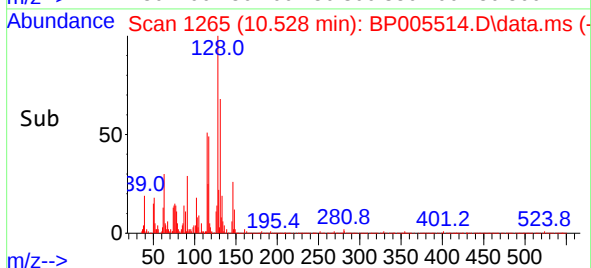
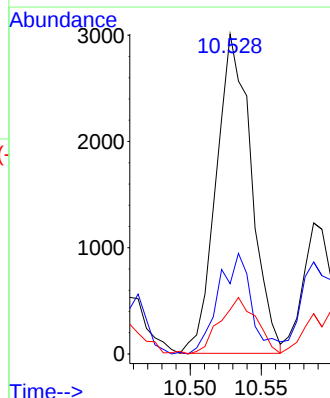
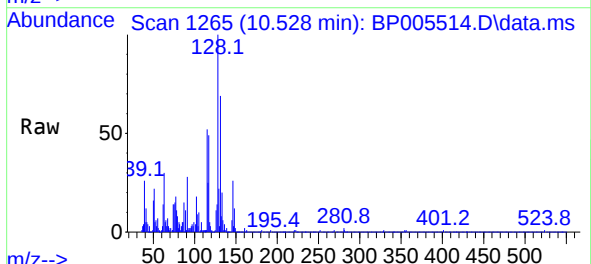
Instrument :
BNA_P
ClientSampleId :
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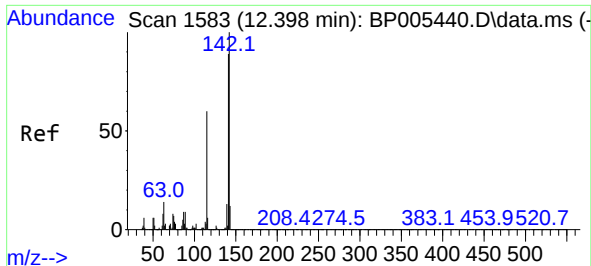
Tgt Ion: 82 Resp: 100216
Ion Ratio Lower Upper
82 100
128 30.3 30.5 45.7#
54 49.8 33.9 50.9



#31
Naphthalene
Concen: 2.49 ng
RT: 10.528 min Scan# 1265
Delta R.T. -0.012 min
Lab File: BP005514.D
Acq: 12 May 2021 20:49

Tgt Ion: 128 Resp: 5171
Ion Ratio Lower Upper
128 100
129 21.9 8.0 12.0#
127 13.8 11.1 16.7

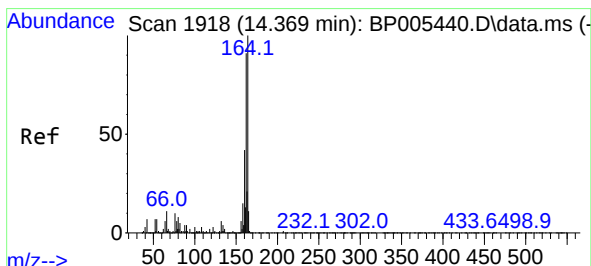
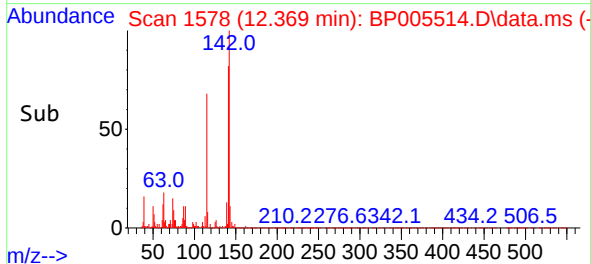
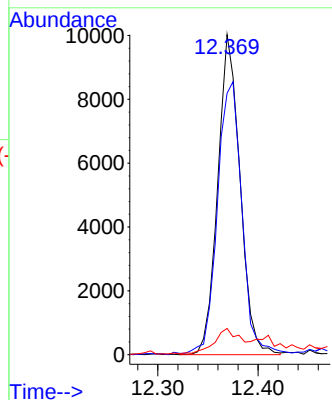
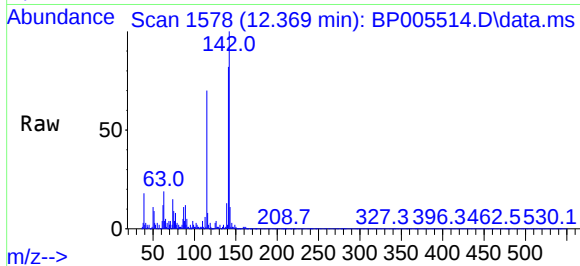




#38
1-Methylnaphthalene
Concen: 9.82 ng
RT: 12.369 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BP005514.D
Acq: 12 May 2021 20:49

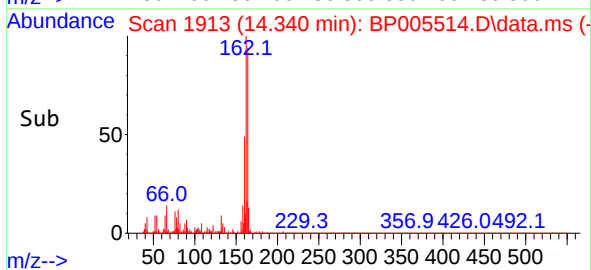
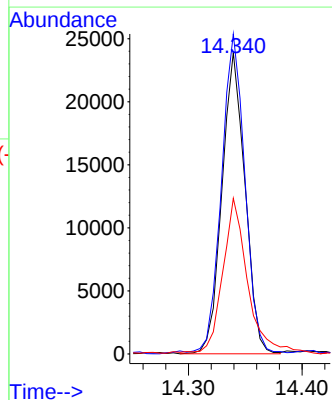
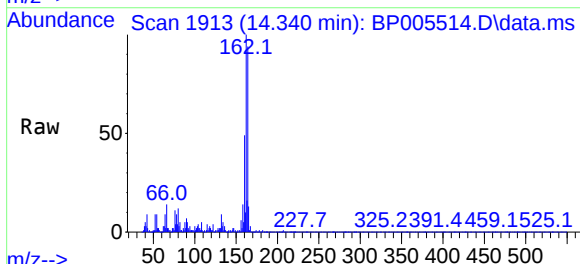
Instrument :
BNA_P
ClientSampleId :
MW-3

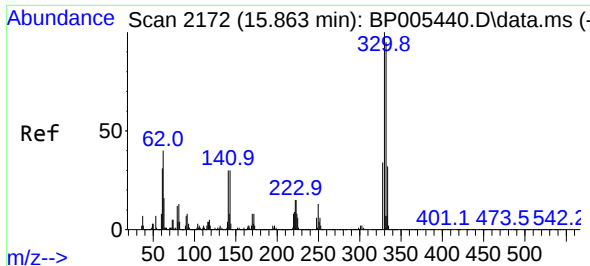
Tgt Ion:142 Resp: 15463
Ion Ratio Lower Upper
142 100
141 81.7 77.0 115.6
116 8.2 5.0 7.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.340 min Scan# 1913
Delta R.T. -0.000 min
Lab File: BP005514.D
Acq: 12 May 2021 20:49

Tgt Ion:164 Resp: 33585
Ion Ratio Lower Upper
164 100
162 106.1 73.5 110.3
160 51.6 40.6 61.0



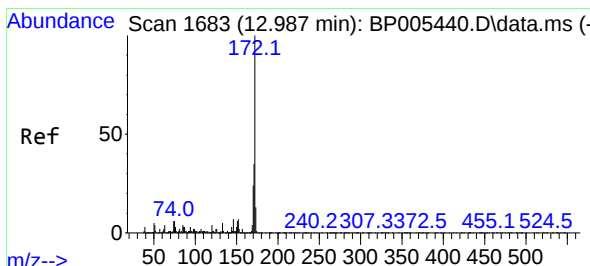
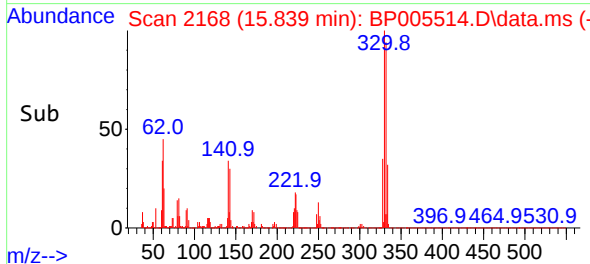
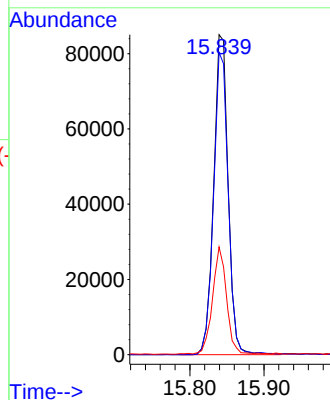
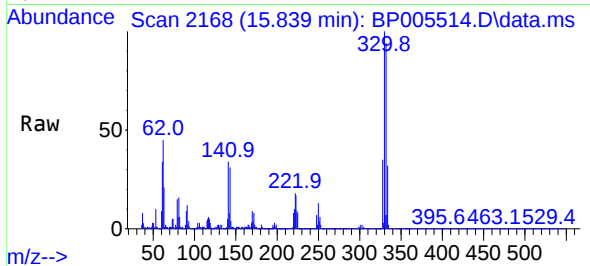


#42
2,4,6-Tribromophenol
Concen: 120.64 ng
RT: 15.839 min Scan# 2168
Delta R.T. -0.000 min
Lab File: BP005514.D
Acq: 12 May 2021 20:49

Instrument :
BNA_P
ClientSampleId :
MW-3

Tgt Ion: 330 Resp: 114972

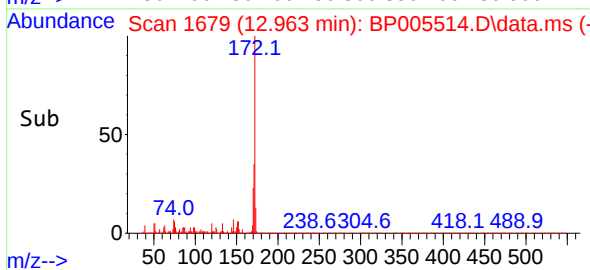
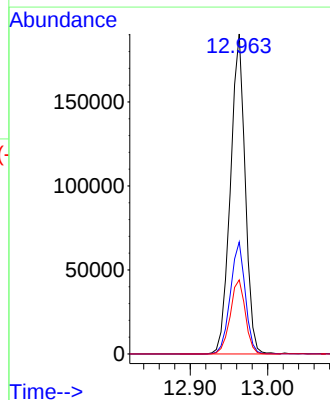
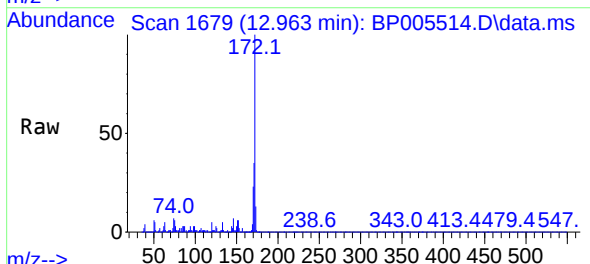
Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.3	114.5
141	32.8	22.8	34.2

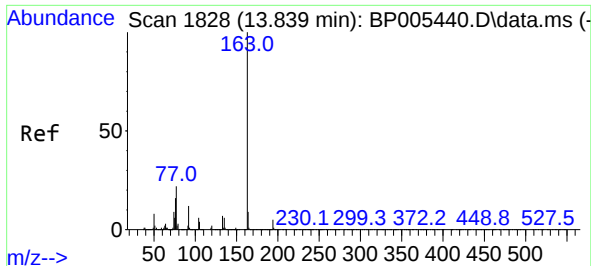


#45
2-Fluorobiphenyl
Concen: 84.69 ng
RT: 12.963 min Scan# 1679
Delta R.T. -0.006 min
Lab File: BP005514.D
Acq: 12 May 2021 20:49

Tgt Ion: 172 Resp: 252148

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.1	42.1
170	23.1	19.6	29.4

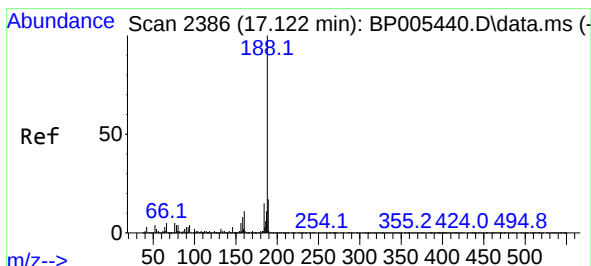
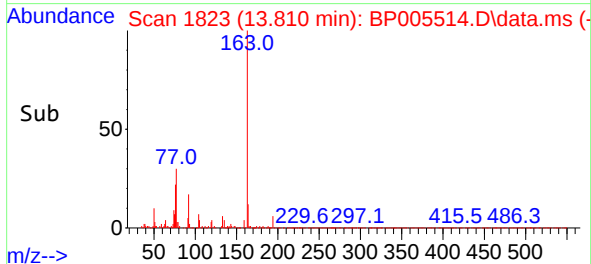
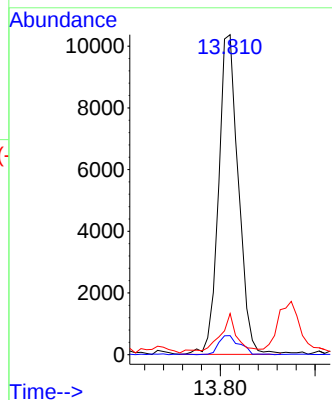
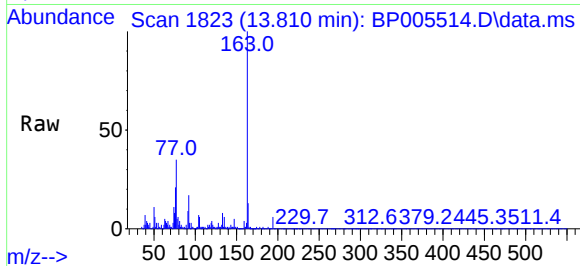




#50
Dimethylphthalate
Concen: 5.20 ng
RT: 13.810 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BP005514.D
Acq: 12 May 2021 20:49

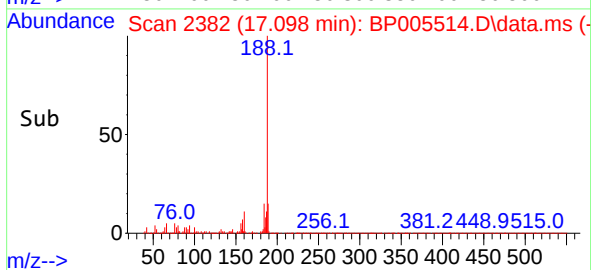
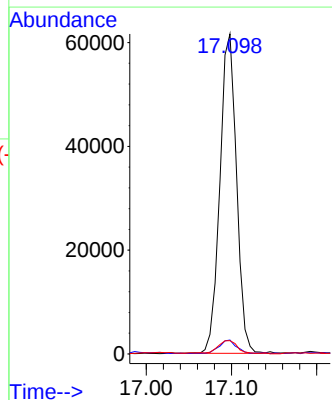
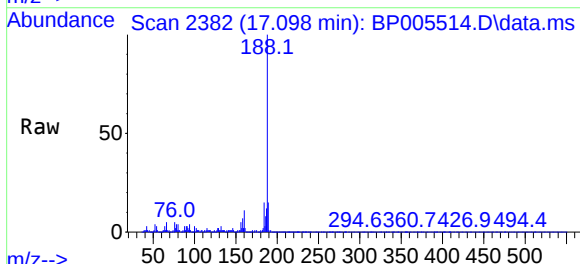
Instrument :
BNA_P
ClientSampleId :
MW-3

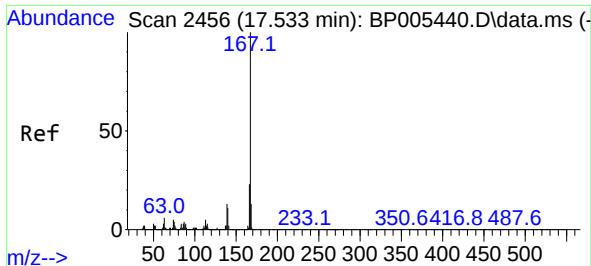
Tgt Ion:163 Resp: 15075
Ion Ratio Lower Upper
163 100
194 6.0 3.9 5.9#
164 12.8 8.1 12.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.098 min Scan# 2382
Delta R.T. -0.000 min
Lab File: BP005514.D
Acq: 12 May 2021 20:49

Tgt Ion:188 Resp: 83603
Ion Ratio Lower Upper
188 100
94 4.3 5.0 7.6#
80 4.1 5.9 8.9#

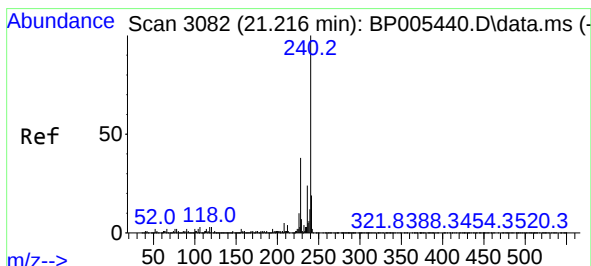
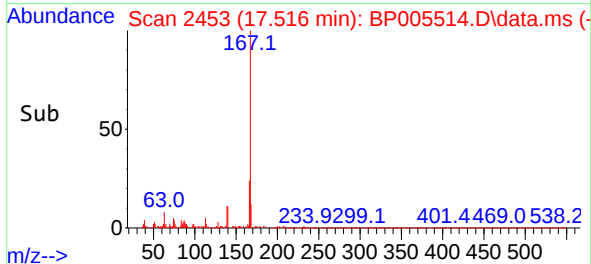
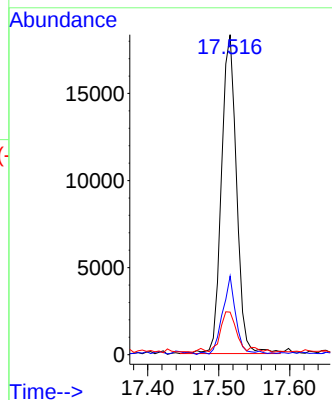
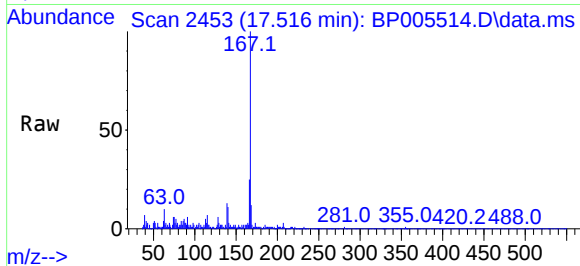




#73
 Carbazole
 Concen: 6.50 ng
 RT: 17.516 min Scan# 2453
 Delta R.T. -0.000 min
 Lab File: BP005514.D
 Acq: 12 May 2021 20:49

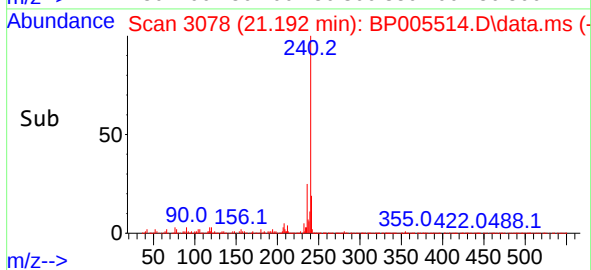
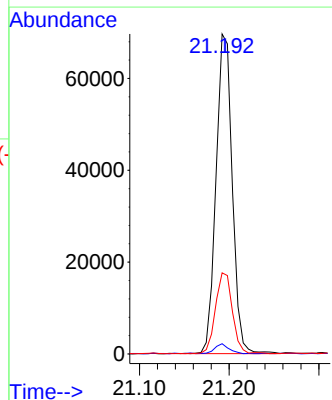
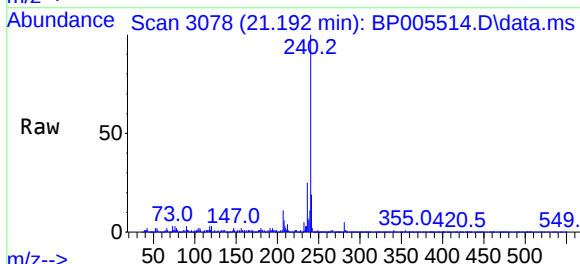
Instrument :
 BNA_P
 ClientSampleId :
 MW-3

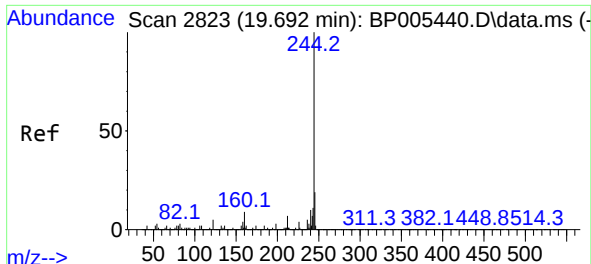
Tgt Ion:	167	Resp:	26978
Ion	Ratio	Lower	Upper
167	100		
166	24.6	17.4	26.0
139	13.3	10.4	15.6



#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.192 min Scan# 3078
 Delta R.T. -0.000 min
 Lab File: BP005514.D
 Acq: 12 May 2021 20:49

Tgt Ion:	240	Resp:	87411
Ion	Ratio	Lower	Upper
240	100		
120	3.2	4.2	6.2#
236	25.3	20.2	30.2

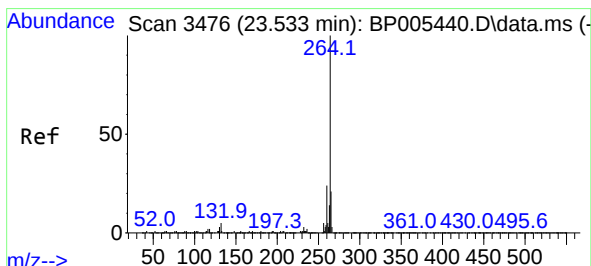
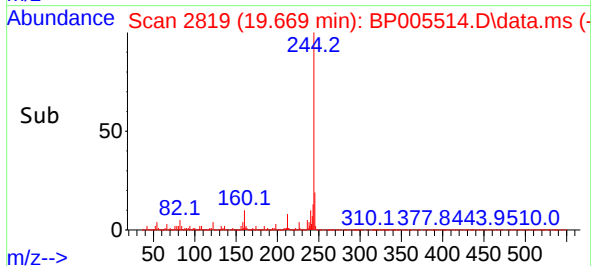
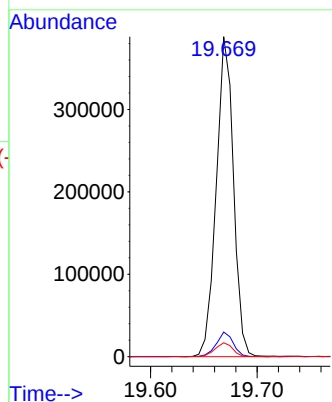
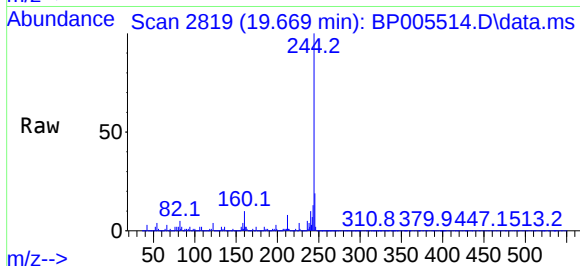




#79
Terphenyl-d14
Concen: 84.53 ng
RT: 19.669 min Scan# 2819
Delta R.T. -0.000 min
Lab File: BP005514.D
Acq: 12 May 2021 20:49

Instrument :
BNA_P
ClientSampleId :
MW-3

Tgt Ion:244 Resp: 435096
Ion Ratio Lower Upper
244 100
212 7.7 5.8 8.6
122 4.4 5.2 7.8#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.504 min Scan# 3471
Delta R.T. -0.000 min
Lab File: BP005514.D
Acq: 12 May 2021 20:49

Tgt Ion:264 Resp: 103593
Ion Ratio Lower Upper
264 100
260 22.6 20.6 30.8
265 21.8 19.0 28.6

