

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)

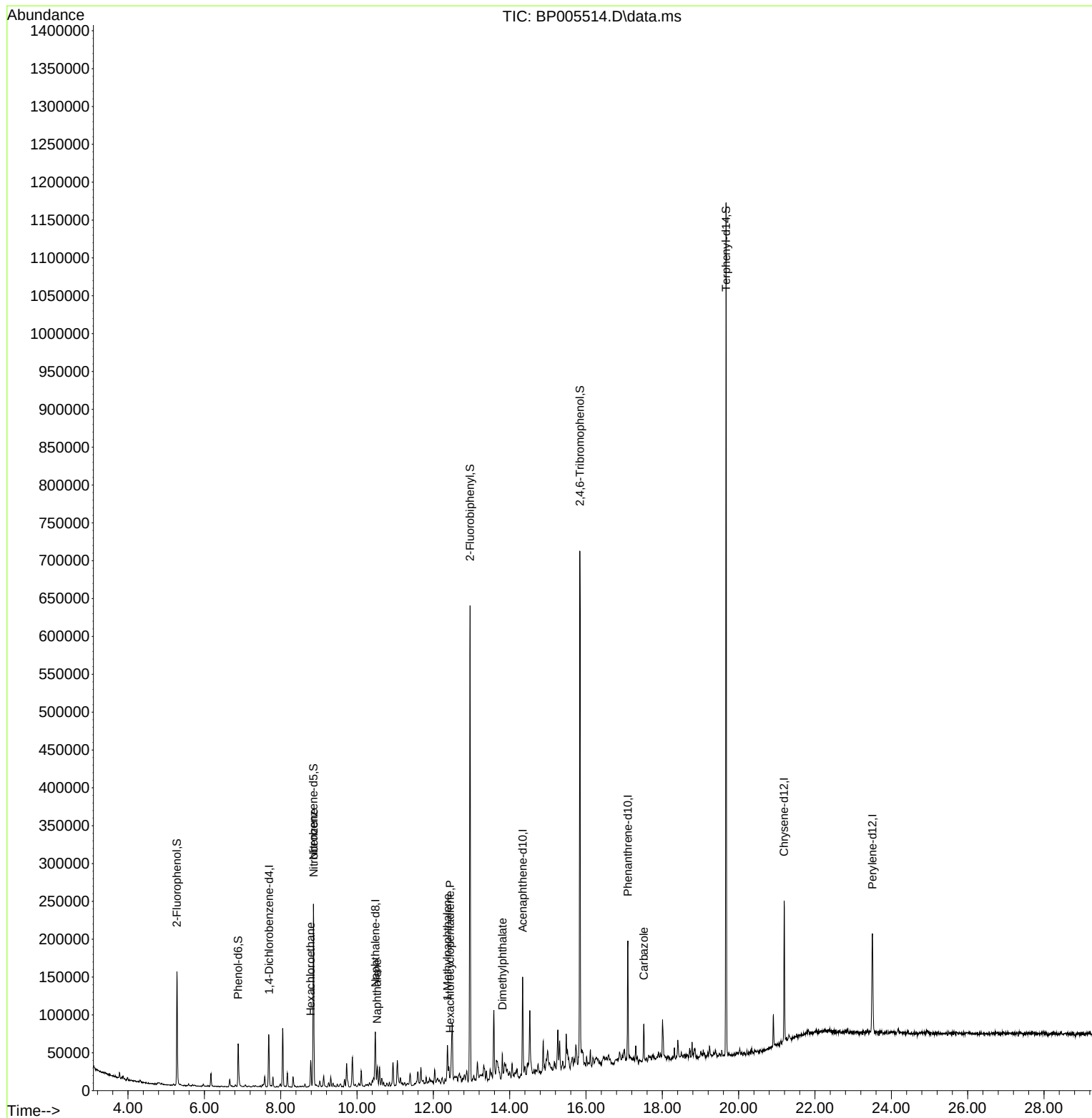
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	13532	20.00	ng	0.00
21) Naphthalene-d8	10.481	136	38676	20.00	ng	#-0.01
39) Acenaphthene-d10	14.340	164	33585	20.00	ng	0.00
64) Phenanthrene-d10	17.098	188	83603	20.00	ng	# 0.00
76) Chrysene-d12	21.192	240	87411	20.00	ng	# 0.00
86) Perylene-d12	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
2) 1,4-Dioxane	3.164	88	30	Below Cal	#	1
9) Benzaldehyde	6.852	77	45	Below Cal	#	32
18) Hexachloroethane	8.787	117	7119	17.11	ng	# 38
24) Nitrobenzene	8.863	77	2412	2.45	ng	# 36
31) Naphthalene	10.528	128	5171	2.49	ng	# 86
38) 1-Methylnaphthalene	12.369	142	15463	9.82	ng	# 86
41) Hexachlorocyclopentadiene	12.440	237	14	7.89	ng	81
50) Dimethylphthalate	13.810	163	15075	5.20	ng	# 94
73) Carbazole	17.516	167	26978	6.50	ng	96

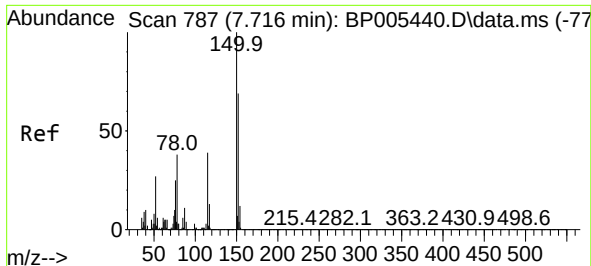
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

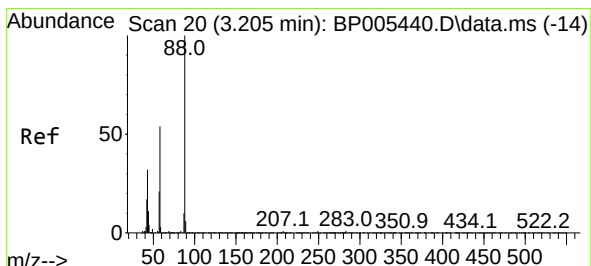
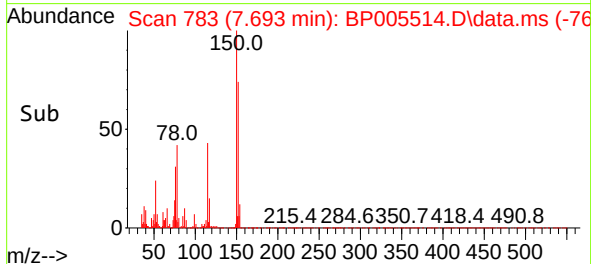
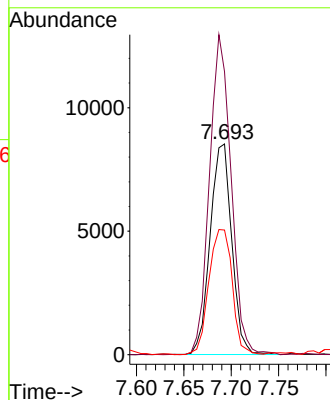
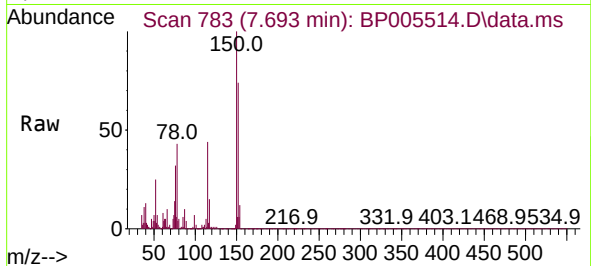




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.693 min Scan# 783
Delta R.T. -0.006 min
Lab File: BP005514.D
Acq: 12 May 2021 20:49

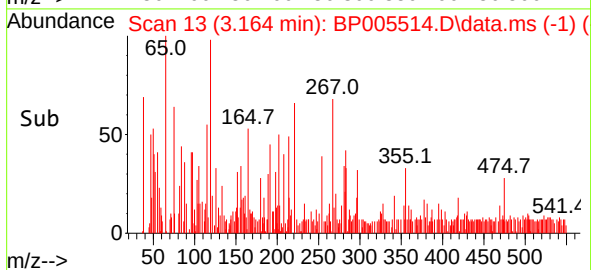
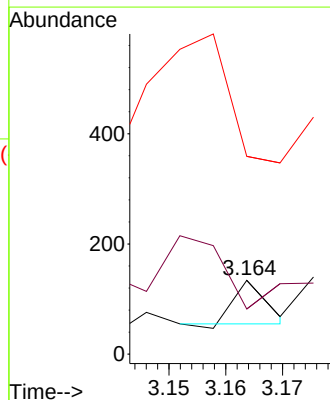
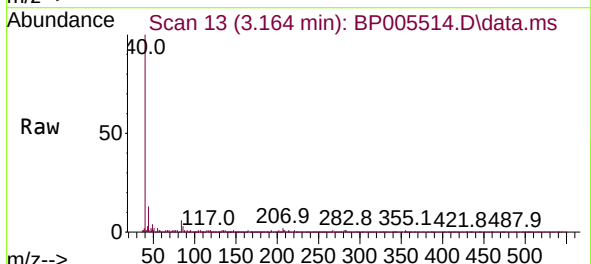
Instrument :
BNA_P
ClientSampleId :
MW-3

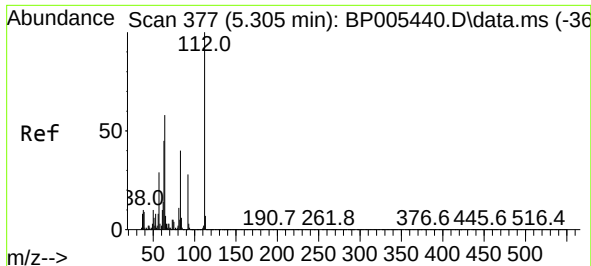
Tgt Ion:152 Resp: 13532
Ion Ratio Lower Upper
152 100
150 134.3 119.8 179.8
115 59.2 49.0 73.4



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.164 min Scan# 13
Delta R.T. -0.018 min
Lab File: BP005514.D
Acq: 12 May 2021 20:49

Tgt Ion: 88 Resp: 30
Ion Ratio Lower Upper
88 100
58 650.0 42.5 63.7#
43 730.0 19.8 29.8#

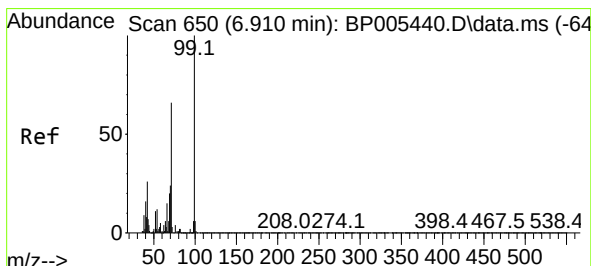
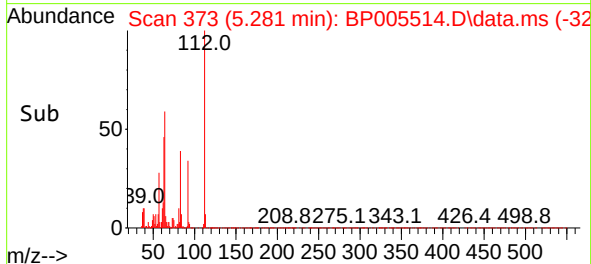
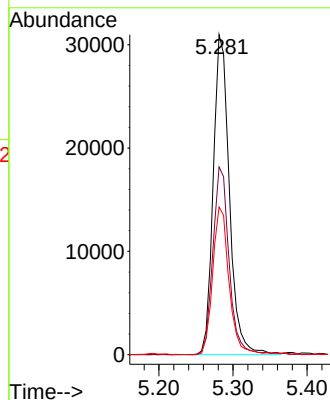
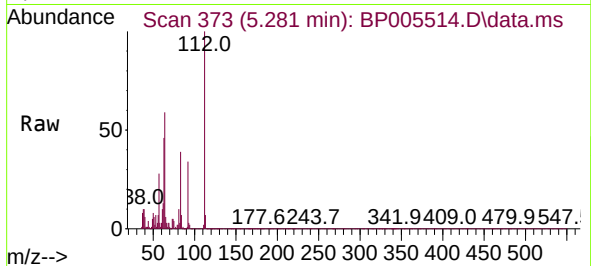




#5
2-Fluorophenol
Concen: 66.46 ng
RT: 5.281 min Scan# 373
Delta R.T. -0.006 min
Lab File: BP005514.D
Acq: 12 May 2021 20:49

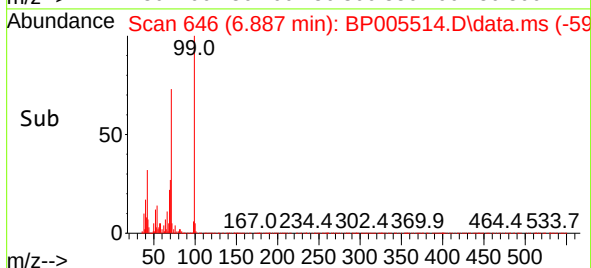
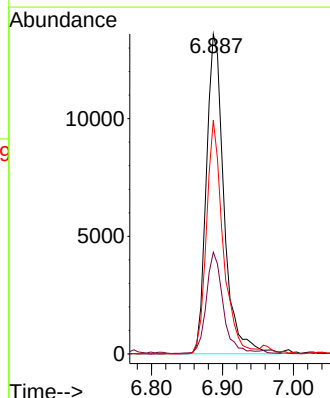
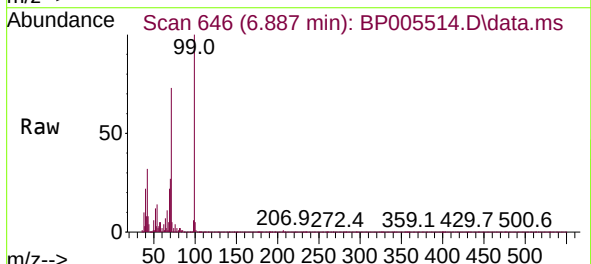
Instrument :
BNA_P
ClientSampleId :
MW-3

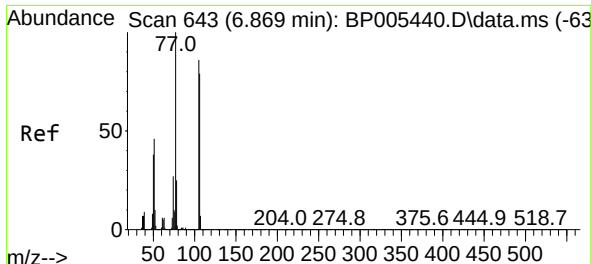
Tgt Ion:112 Resp: 46861
Ion Ratio Lower Upper
112 100
64 58.7 33.6 50.4#
63 46.2 18.6 27.8#



#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

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#

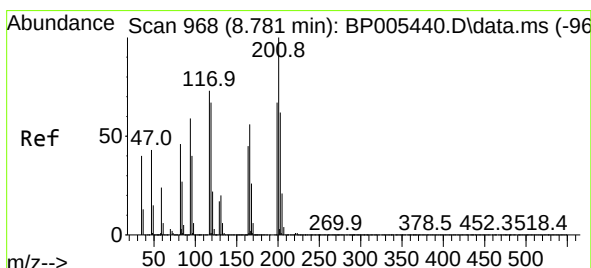
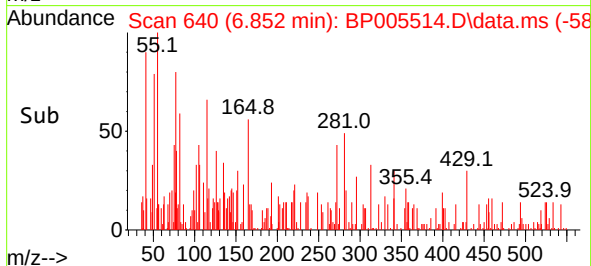
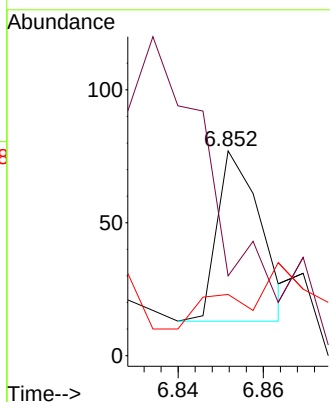
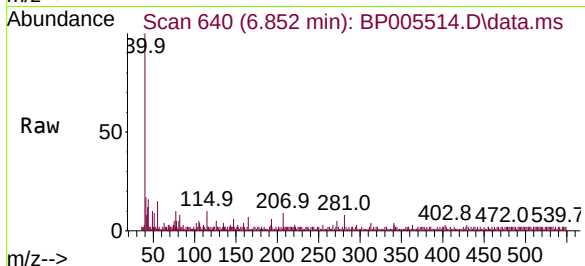




#9
Benzaldehyde
Concen: Below Cal
RT: 6.852 min Scan# 640
Delta R.T. 0.006 min
Lab File: BP005514.D
Acq: 12 May 2021 20:49

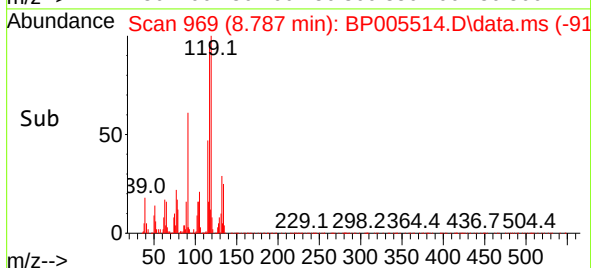
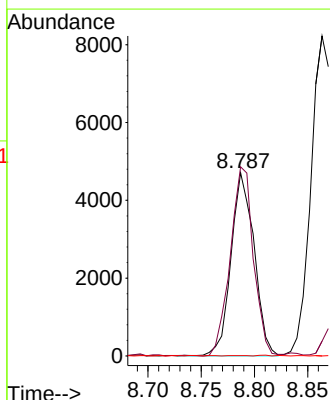
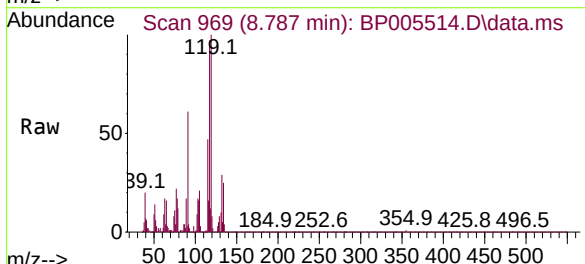
Instrument :
BNA_P
ClientSampled :
MW-3

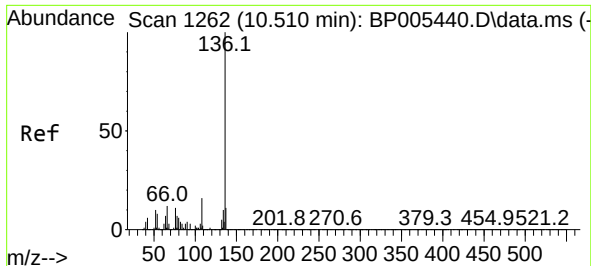
Tgt Ion: 77 Resp: 45
Ion Ratio Lower Upper
77 100
105 39.0 89.4 129.4#
106 29.9 79.9 119.9#



#18
Hexachloroethane
Concen: 17.11 ng
RT: 8.787 min Scan# 969
Delta R.T. 0.023 min
Lab File: BP005514.D
Acq: 12 May 2021 20:49

Tgt Ion: 117 Resp: 7119
Ion Ratio Lower Upper
117 100
119 103.3 80.1 120.1
201 0.2 98.8 148.2#

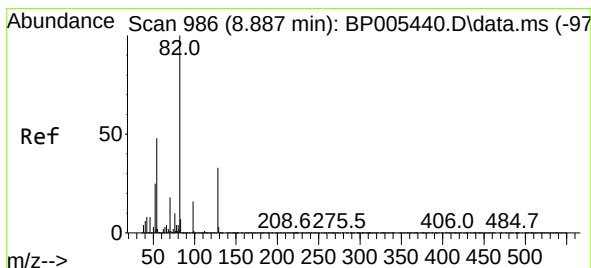
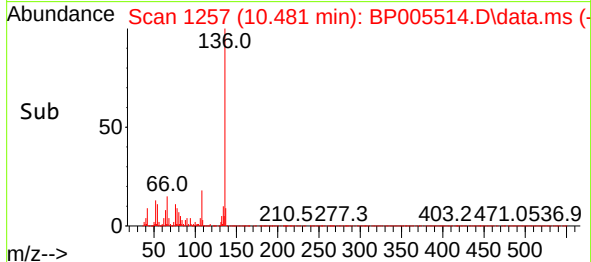
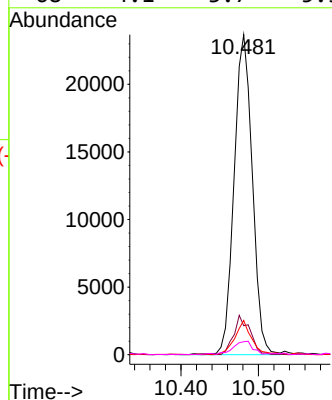
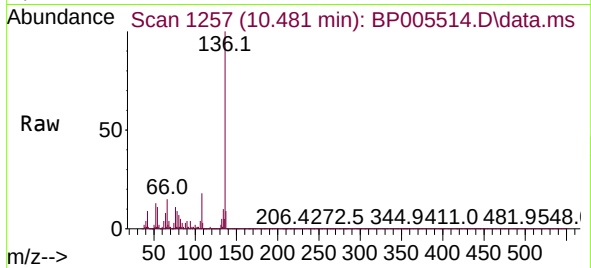




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.012 min
Lab File: BP005514.D
Acq: 12 May 2021 20:49

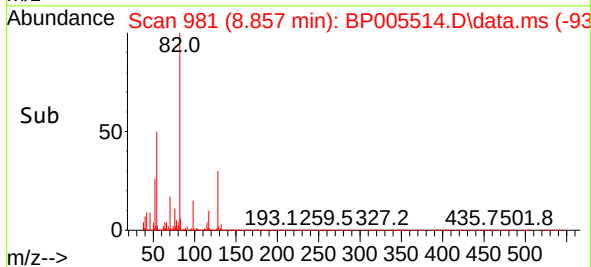
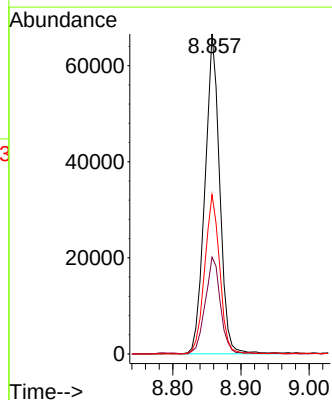
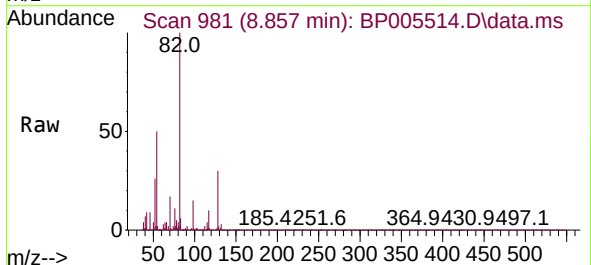
Instrument :
BNA_P
ClientSampled :
MW-3

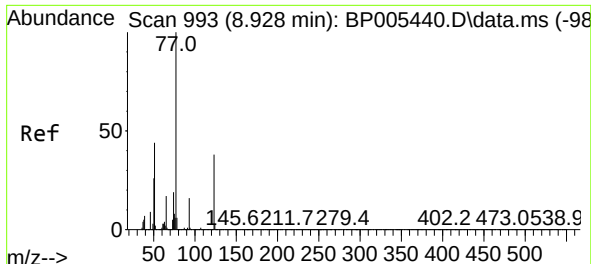
Tgt Ion:	136	Resp:	38676
Ion Ratio	Lower	Upper	
136	100		
137	9.1	8.9	13.3
54	10.7	5.0	7.4#
68	4.1	3.7	5.5



#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

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

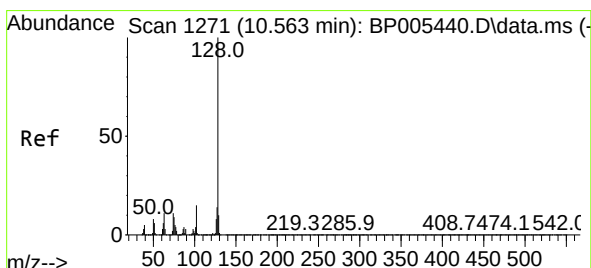
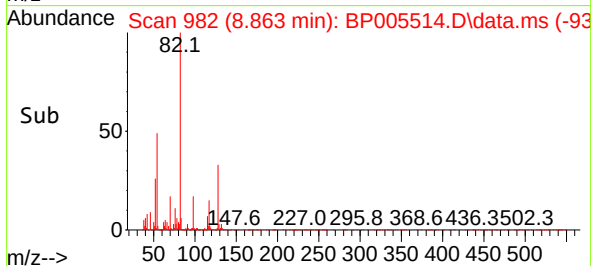
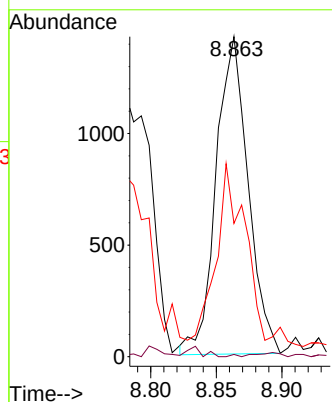
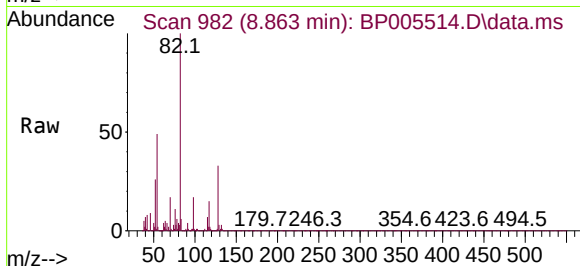




#24
Nitrobenzene
Concen: 2.45 ng
RT: 8.863 min Scan# 982
Delta R.T. -0.041 min
Lab File: BP005514.D
Acq: 12 May 2021 20:49

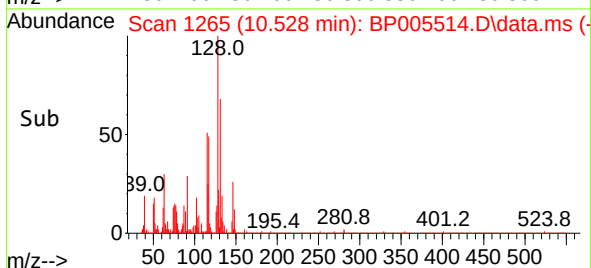
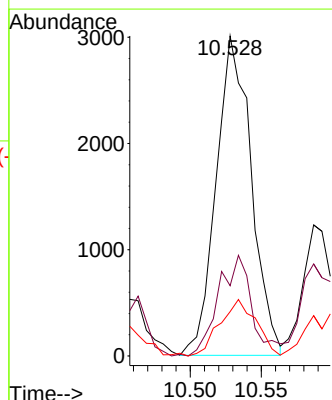
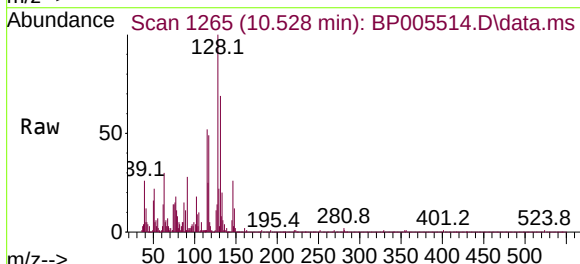
Instrument :
BNA_P
ClientSampled :
MW-3

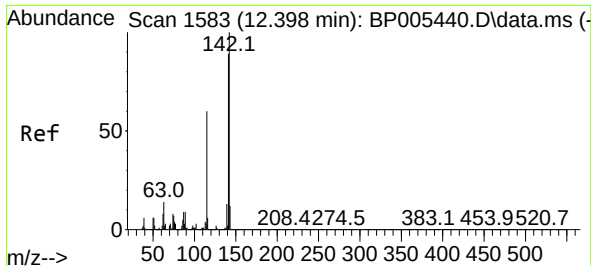
Tgt Ion: 77 Resp: 2412
Ion Ratio Lower Upper
77 100
123 0.7 31.7 47.5#
65 41.6 11.5 17.3#



#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

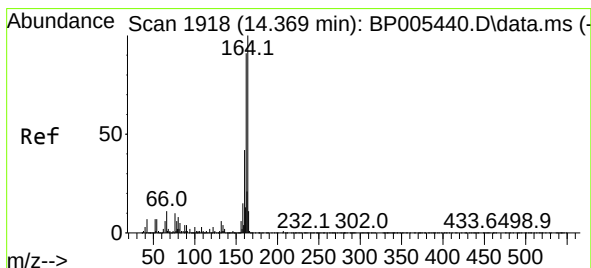
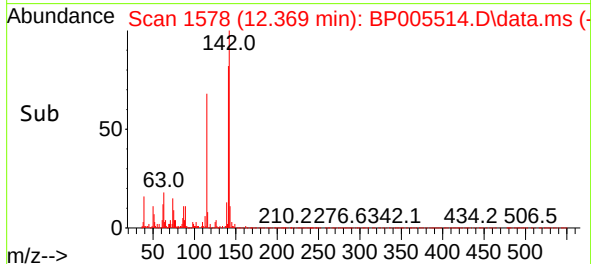
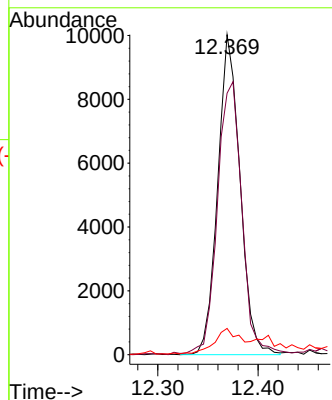
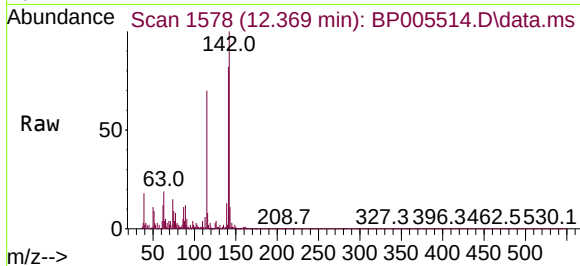




#38
1-Methylnaphthalene
Concen: 9.82 ng
RT: 12.369 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BP005514.D
Acq: 12 May 2021 20:49

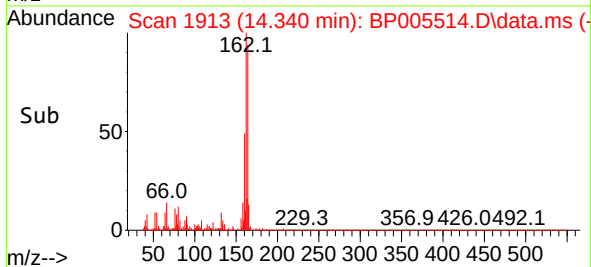
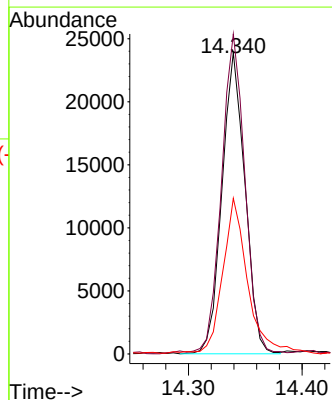
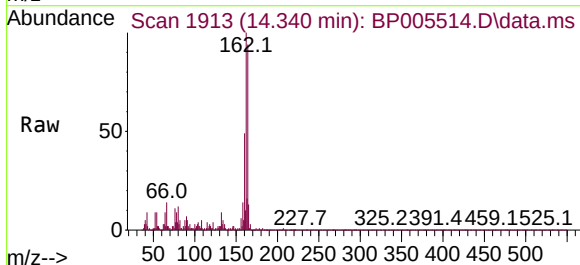
Instrument :
BNA_P
ClientSampleId :
MW-3

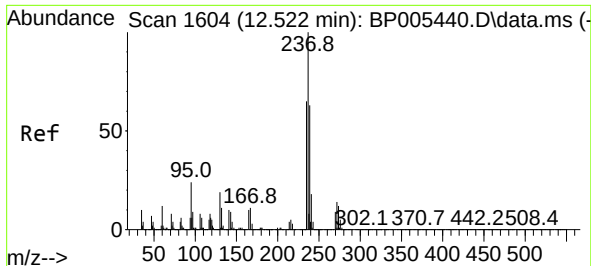
Tgt Ion:142 Resp: 15463
Ion Ratio Lower Upper
142 100
141 81.7 77.0 115.6
116 8.2 5.0 7.6#



#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

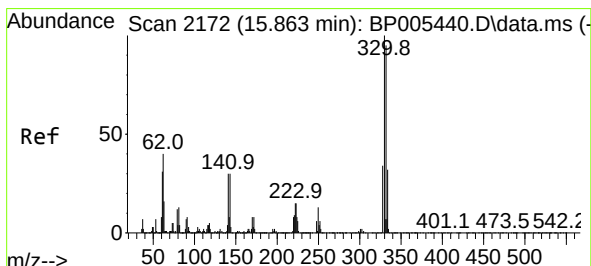
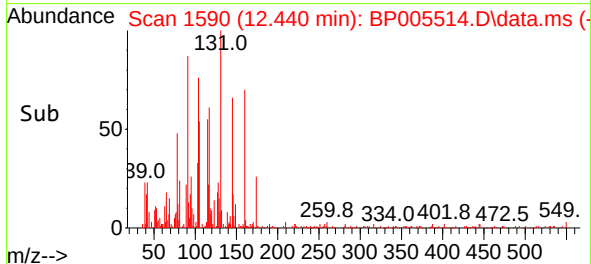
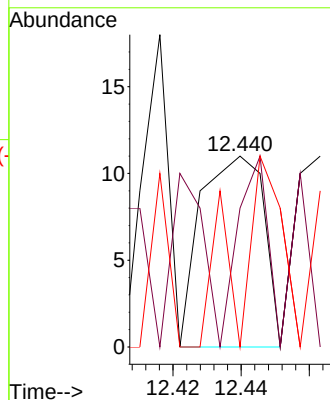
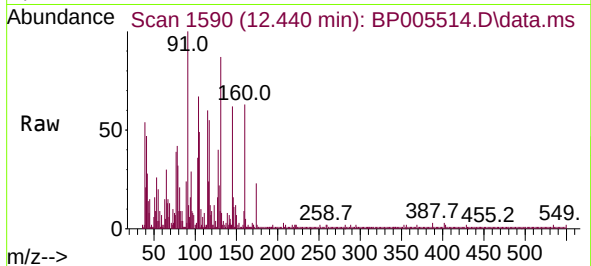




#41
Hexachlorocyclopentadiene
Concen: 7.89 ng
RT: 12.440 min Scan# 1590
Delta R.T. -0.059 min
Lab File: BP005514.D
Acq: 12 May 2021 20:49

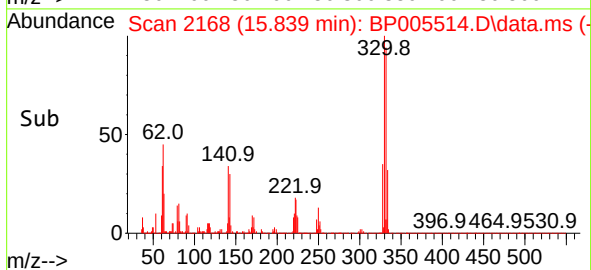
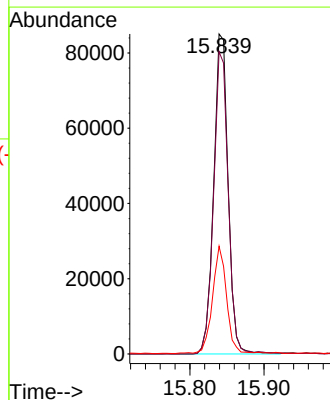
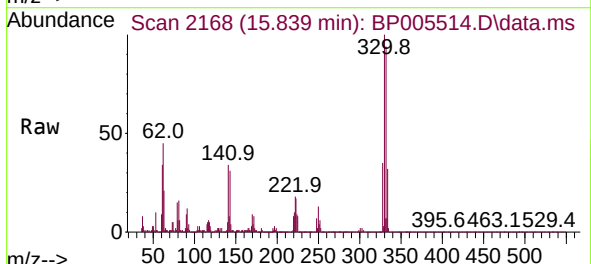
Instrument :
BNA_P
ClientSampleId :
MW-3

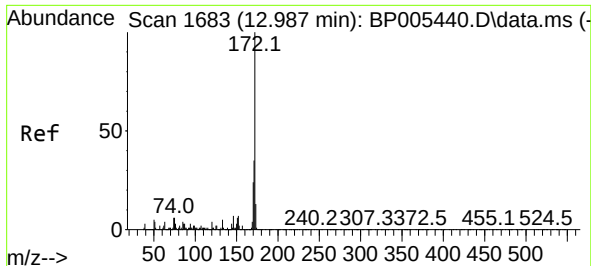
Tgt Ion:237	Resp:	14
Ion	Ratio	Lower Upper
237	100	
235	72.7	40.9 80.9
272	0.0	0.0 34.6



#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

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

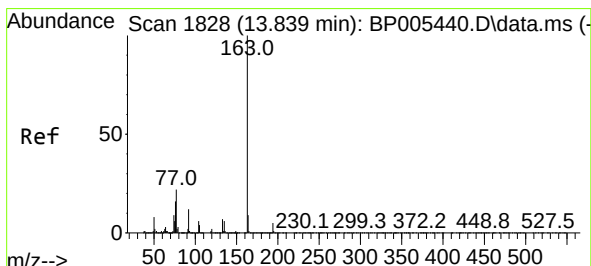
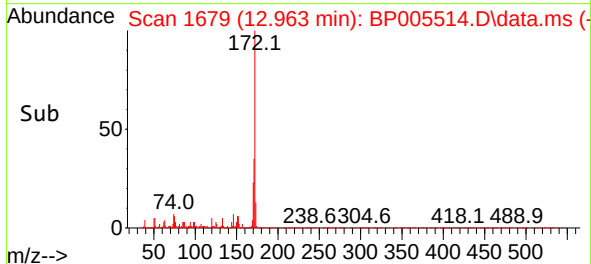
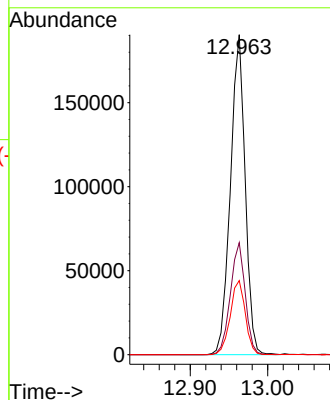
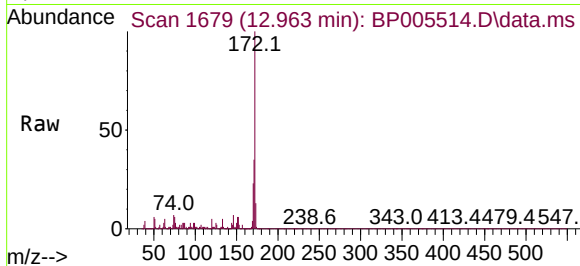




#45
2-Fluorobiphenyl
Concen: 84.69 ng
RT: 12.963 min Scan# 1679
Delta R.T. -0.006 min
Lab File: BP005514.D
Acq: 12 May 2021 20:49

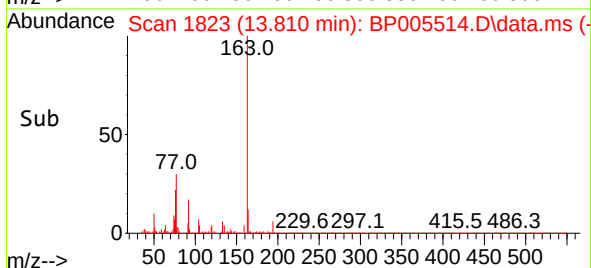
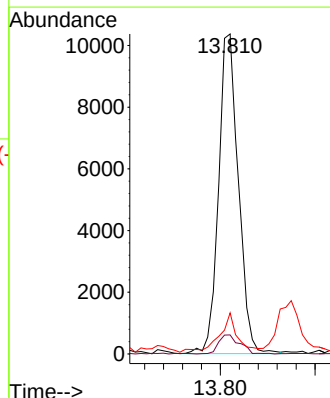
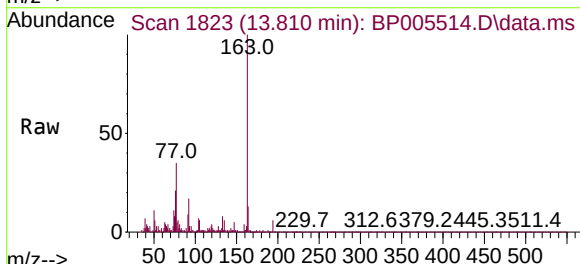
Instrument :
BNA_P
ClientSampleId :
MW-3

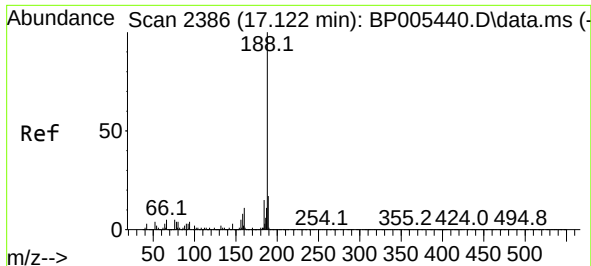
Tgt Ion:172 Resp: 252148
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.1 19.6 29.4



#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

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#

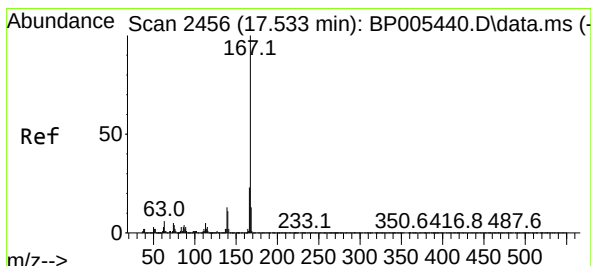
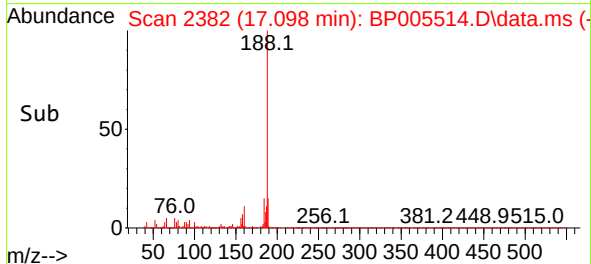
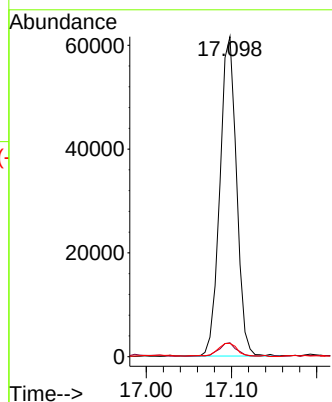
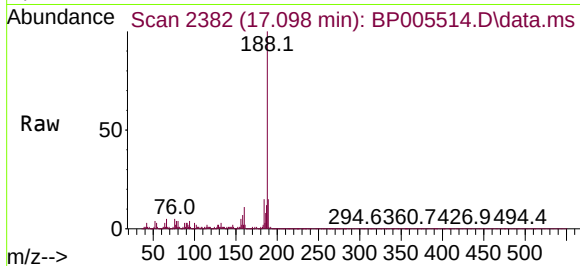




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.098 min Scan# 2382
Delta R.T. -0.000 min
Lab File: BP005514.D
Acq: 12 May 2021 20:49

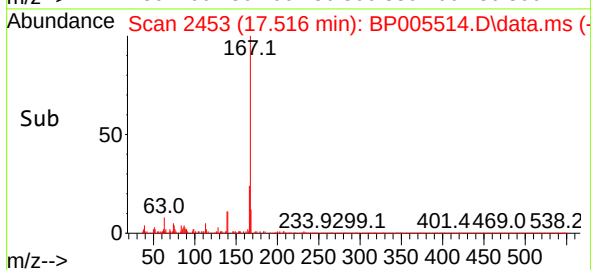
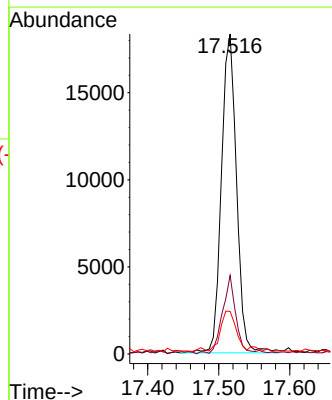
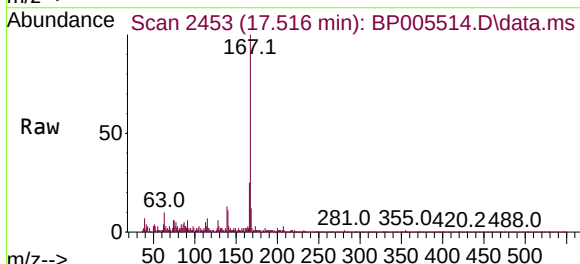
Instrument :
BNA_P
ClientSampleId :
MW-3

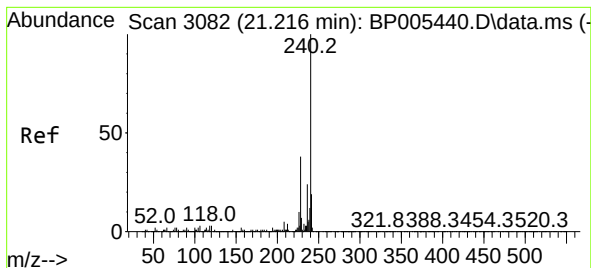
Tgt Ion:188	Resp:	83603
Ion Ratio	Lower	Upper
188	100	
94	4.3	5.0 7.6#
80	4.1	5.9 8.9#



#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

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

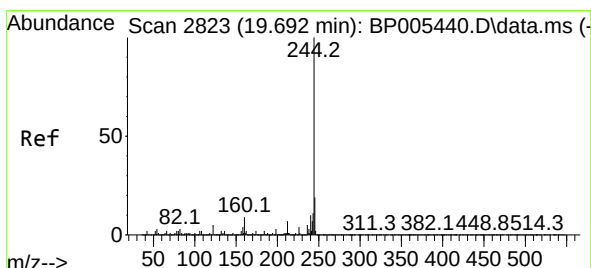
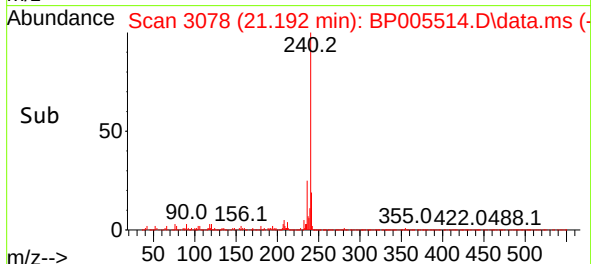
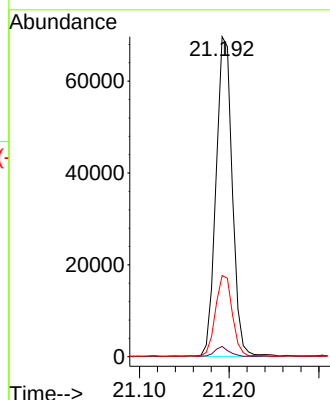
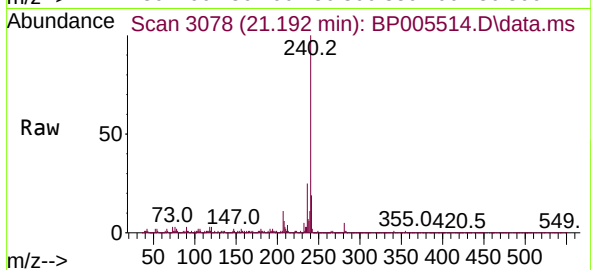
Instrument :

BNA_P

ClientSampleId :

MW-3

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

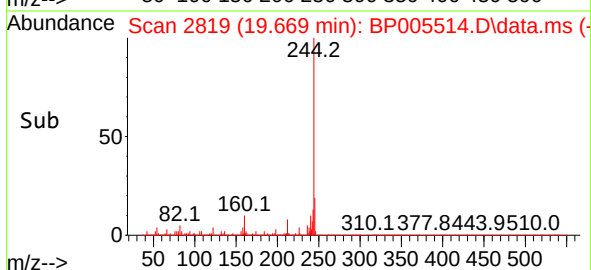
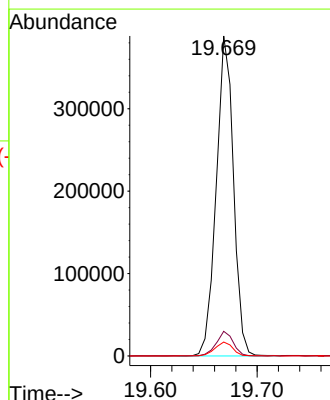
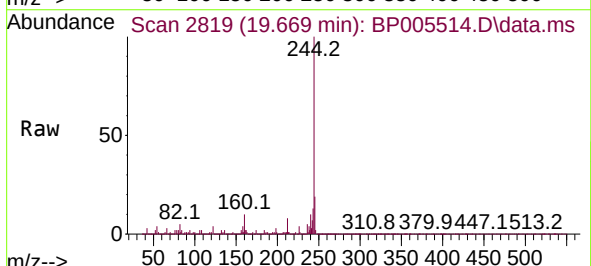
RT: 19.669 min Scan# 2819

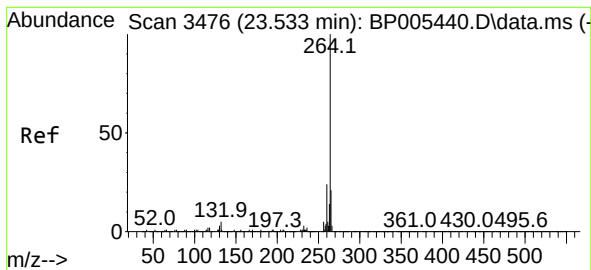
Delta R.T. -0.000 min

Lab File: BP005514.D

Acq: 12 May 2021 20:49

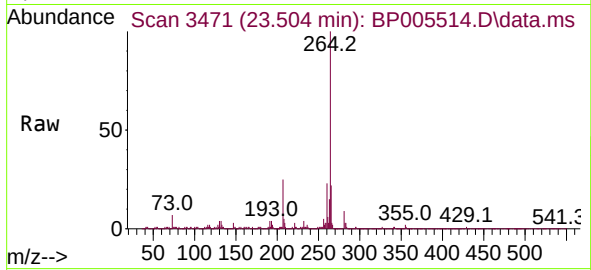
Tgt Ion:244	Resp:	435096
Ion Ratio	Lower	Upper
244	100	
212	7.7	5.8 8.6
122	4.4	5.2 7.8#





#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

Instrument :
BNA_P
ClientSampleId :
MW-3



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

