

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051221\
 Data File : BP005516.D
 Acq On : 12 May 2021 21:56
 Operator : CG/JU
 Sample : M2322-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-4-20210505

Quant Time: May 13 03:28:23 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)

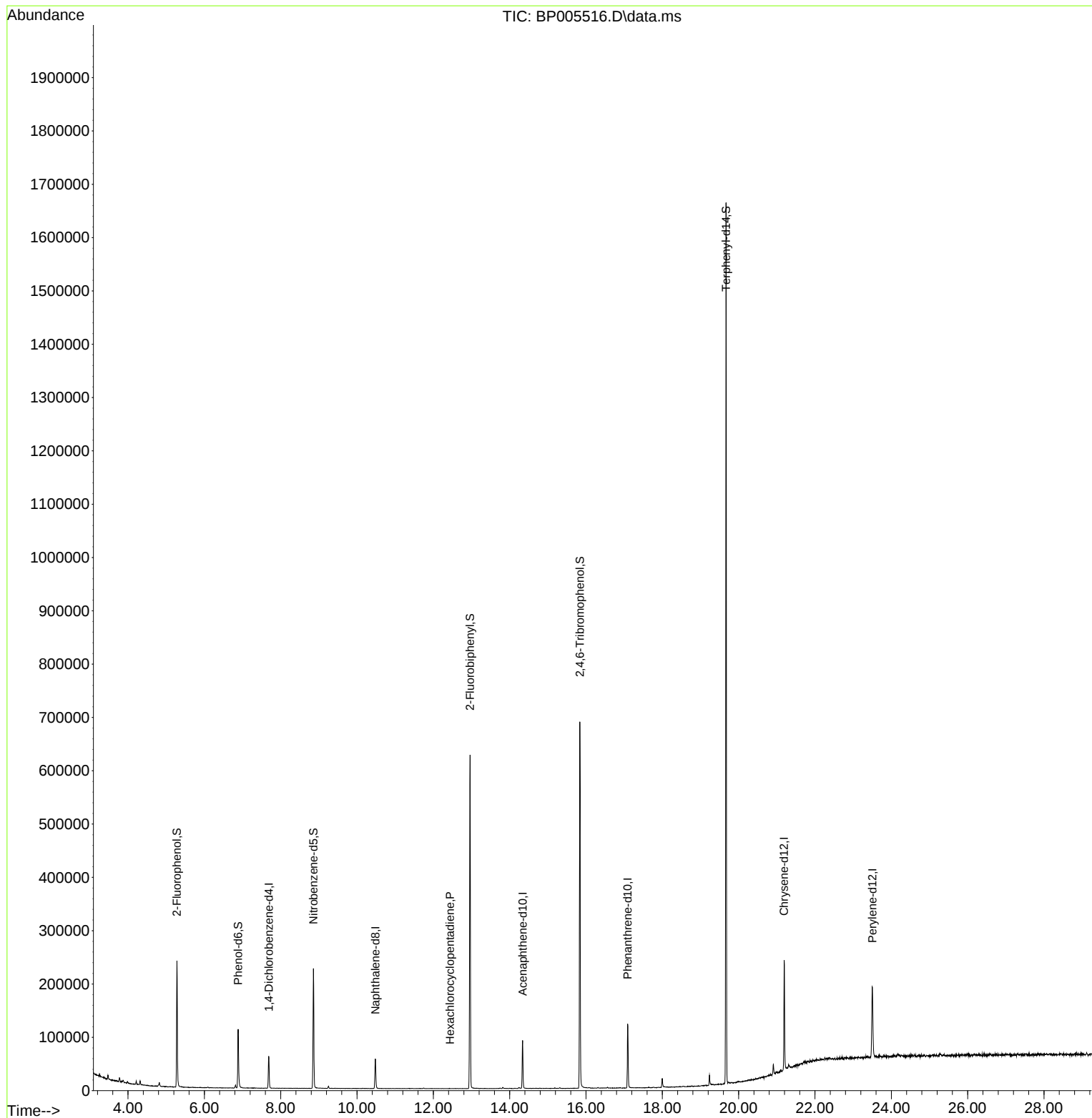
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	12672	20.00	ng	-0.01
21) Naphthalene-d8	10.481	136	32292	20.00	ng	#-0.01
39) Acenaphthene-d10	14.339	164	25123	20.00	ng	0.00
64) Phenanthrene-d10	17.092	188	68768	20.00	ng	# 0.00
76) Chrysene-d12	21.192	240	99431	20.00	ng	# 0.00
86) Perylene-d12	23.504	264	106688	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	72521	109.83	ng	0.00
7) Phenol-d6	6.887	99	43574	52.92	ng	0.00
23) Nitrobenzene-d5	8.857	82	105231	128.26	ng	0.00
42) 2,4,6-Tribromophenol	15.839	330	117366	164.63	ng	0.00
45) 2-Fluorobiphenyl	12.963	172	250459	112.46	ng	0.00
79) Terphenyl-d14	19.669	244	624573	106.68	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.158	88	85	Below Cal	#	23
9) Benzaldehyde	6.828	77	34	Below Cal	#	21
41) Hexachlorocyclopentadiene	12.440	237	7	7.88	ng	81

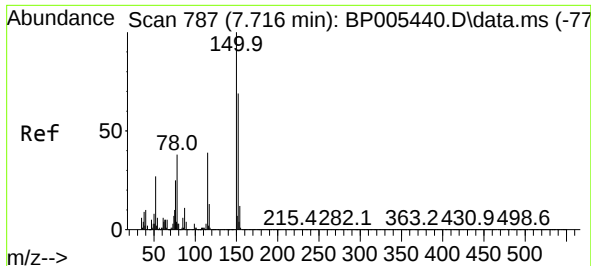
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051221\
Data File : BP005516.D
Acq On : 12 May 2021 21:56
Operator : CG/JU
Sample : M2322-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-4-20210505

Quant Time: May 13 03:28:23 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

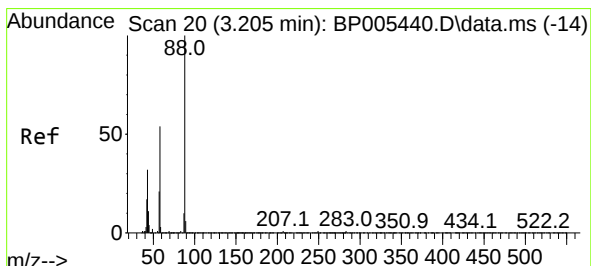
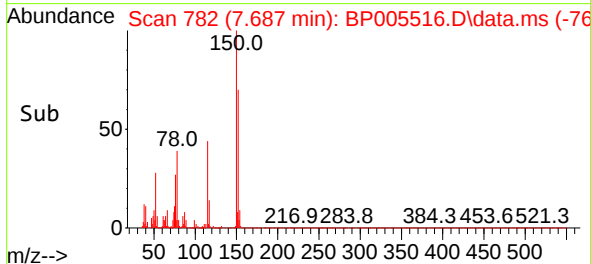
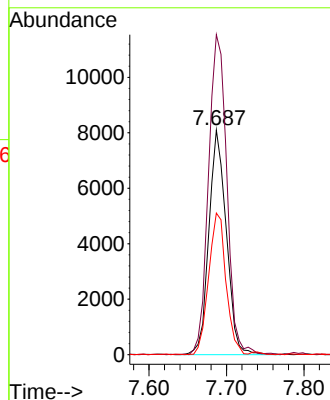
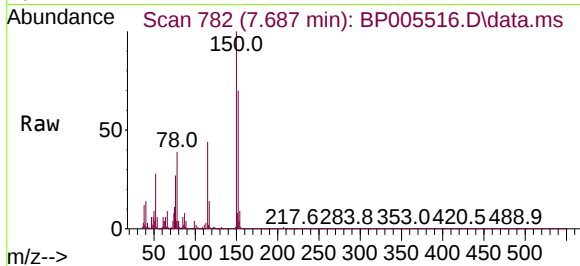




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.687 min Scan# 782
Delta R.T. -0.012 min
Lab File: BP005516.D
Acq: 12 May 2021 21:56

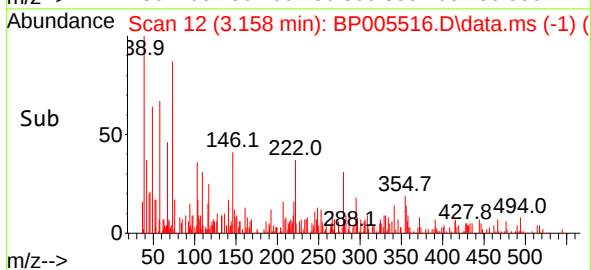
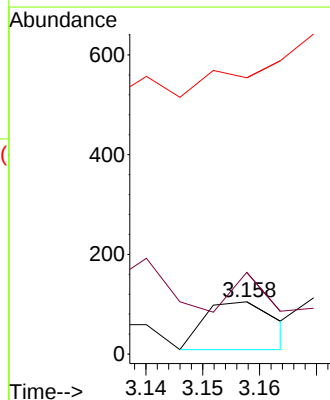
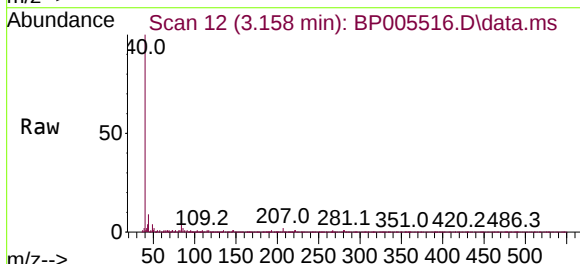
Instrument :
BNA_P
ClientSampleId :
MW-4-20210505

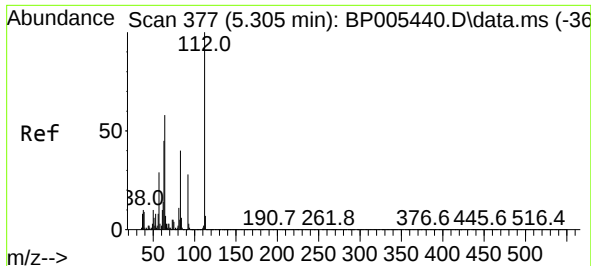
Tgt Ion:152 Resp: 12672
Ion Ratio Lower Upper
152 100
150 142.4 119.8 179.8
115 63.0 49.0 73.4



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.158 min Scan# 12
Delta R.T. -0.024 min
Lab File: BP005516.D
Acq: 12 May 2021 21:56

Tgt Ion: 88 Resp: 85
Ion Ratio Lower Upper
88 100
58 56.5 42.5 63.7
43 141.2 19.8 29.8#

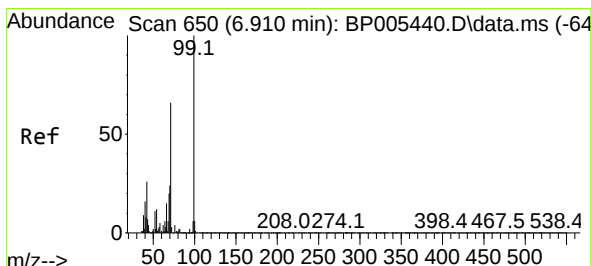
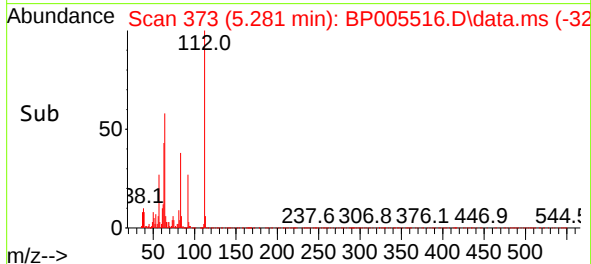
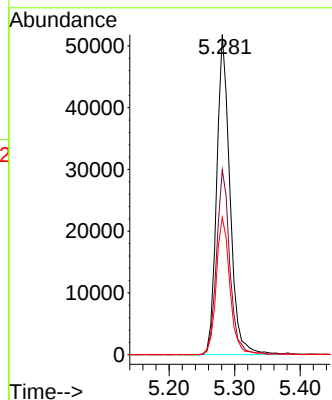
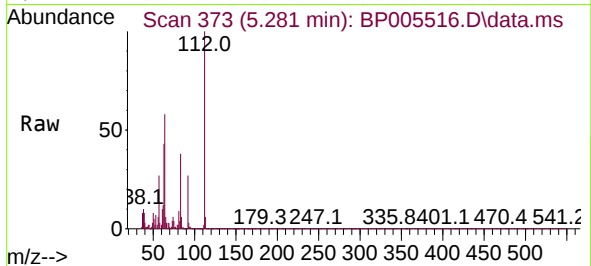




#5
2-Fluorophenol
Concen: 109.83 ng
RT: 5.281 min Scan# 373
Delta R.T. -0.006 min
Lab File: BP005516.D
Acq: 12 May 2021 21:56

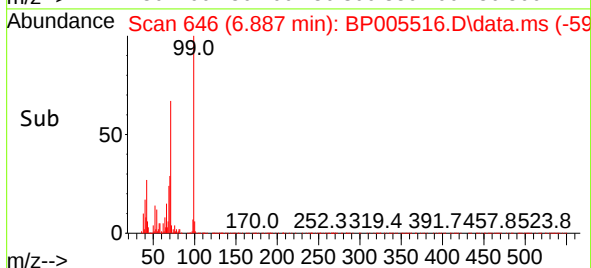
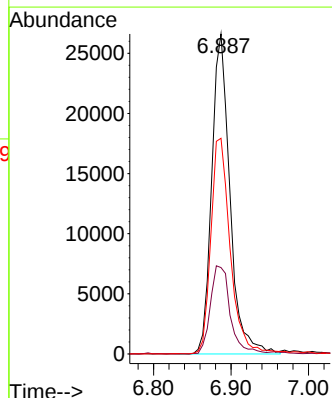
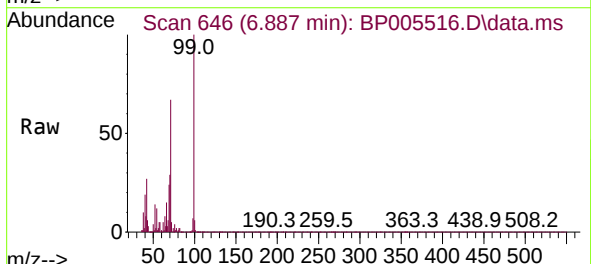
Instrument :
BNA_P
ClientSampleId :
MW-4-20210505

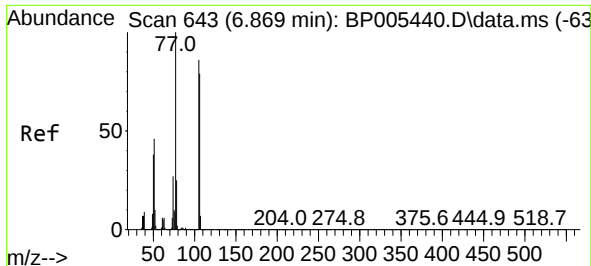
Tgt Ion:112 Resp: 72521
Ion Ratio Lower Upper
112 100
64 57.8 33.6 50.4#
63 42.9 18.6 27.8#



#7
Phenol-d6
Concen: 52.92 ng
RT: 6.887 min Scan# 646
Delta R.T. -0.006 min
Lab File: BP005516.D
Acq: 12 May 2021 21:56

Tgt Ion: 99 Resp: 43574
Ion Ratio Lower Upper
99 100
42 27.0 12.9 19.3#
71 67.4 26.7 40.1#

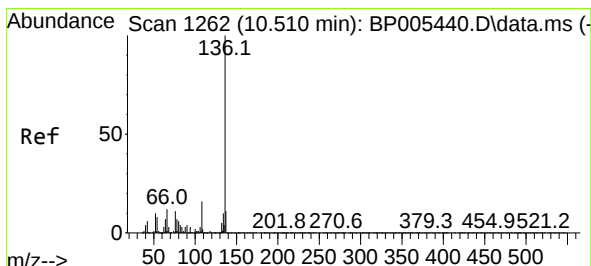
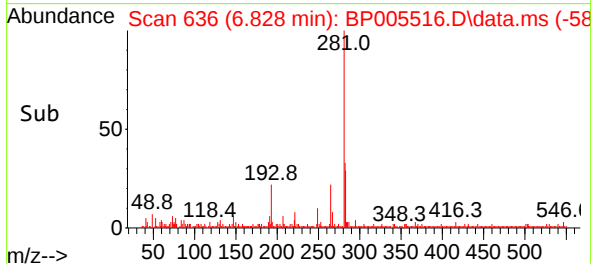
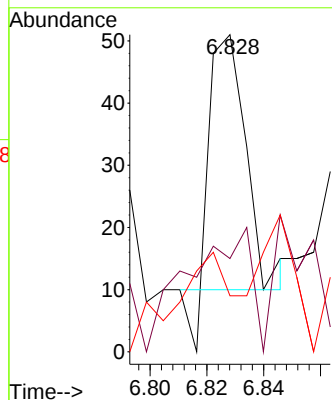
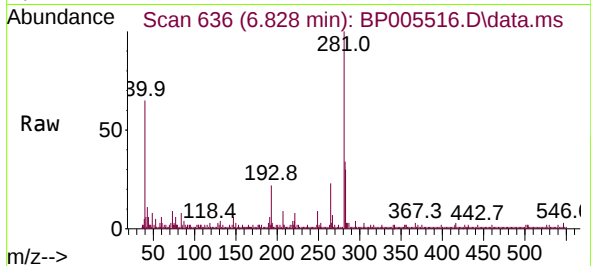




#9
Benzaldehyde
Concen: Below Cal
RT: 6.828 min Scan# 636
Delta R.T. -0.018 min
Lab File: BP005516.D
Acq: 12 May 2021 21:56

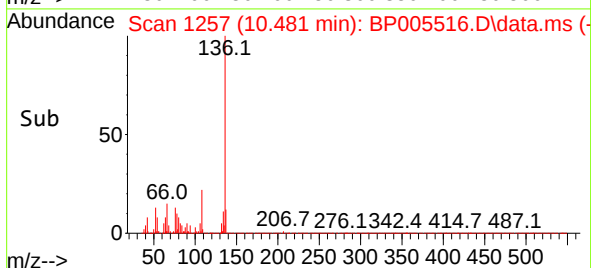
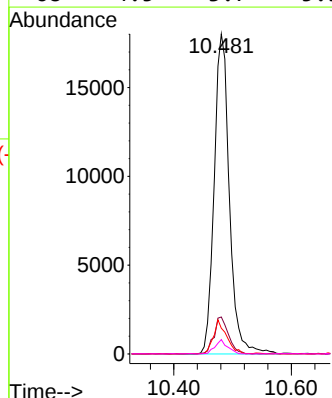
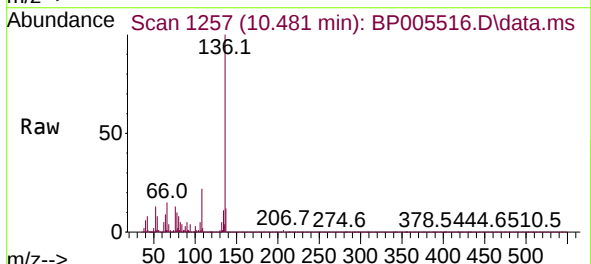
Instrument :
BNA_P
ClientSampleId :
MW-4-20210505

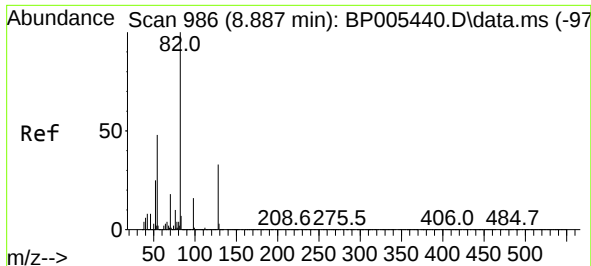
Tgt Ion: 77 Resp: 34
Ion Ratio Lower Upper
77 100
105 29.4 89.4 129.4#
106 17.6 79.9 119.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.012 min
Lab File: BP005516.D
Acq: 12 May 2021 21:56

Tgt Ion:136 Resp: 32292
Ion Ratio Lower Upper
136 100
137 11.5 8.9 13.3
54 8.0 5.0 7.4#
68 4.5 3.7 5.5

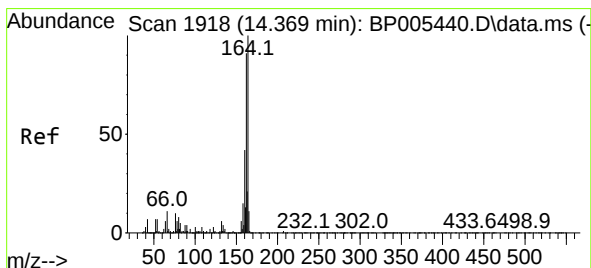
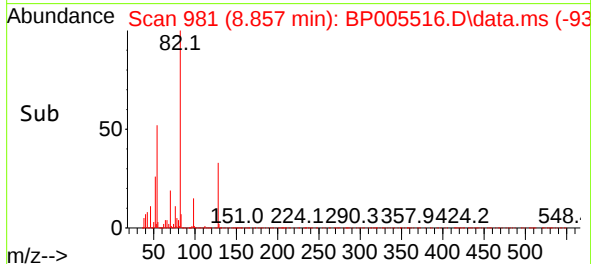
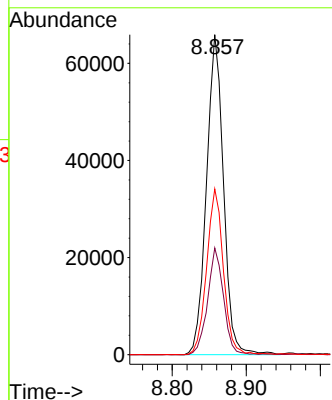
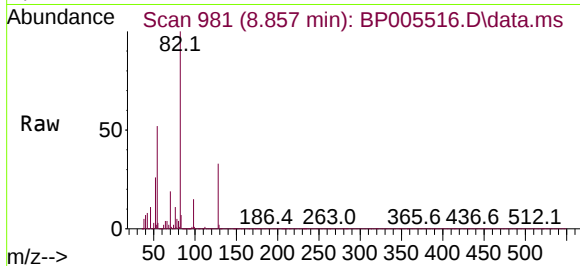




#23
Nitrobenzene-d5
Concen: 128.26 ng
RT: 8.857 min Scan# 981
Delta R.T. -0.006 min
Lab File: BP005516.D
Acq: 12 May 2021 21:56

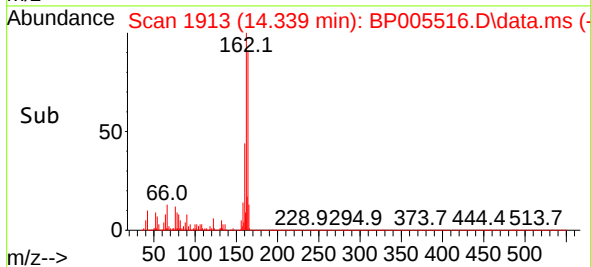
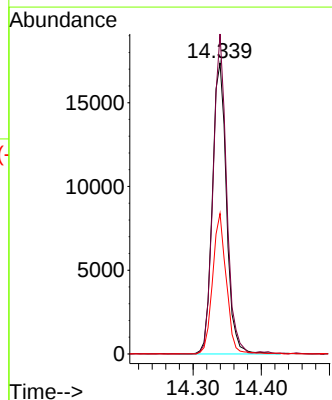
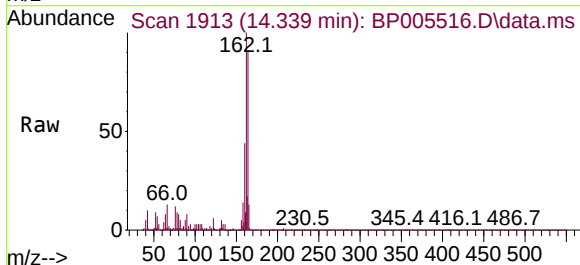
Instrument :
BNA_P
ClientSampleId :
MW-4-20210505

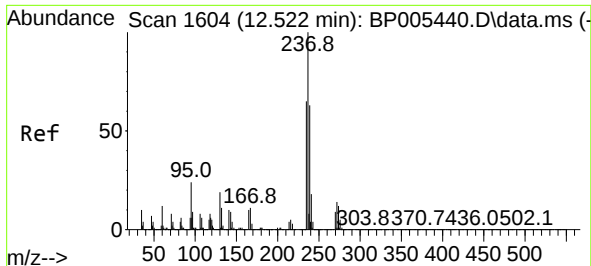
Tgt Ion: 82 Resp: 105231
Ion Ratio Lower Upper
82 100
128 33.4 30.5 45.7
54 51.8 33.9 50.9#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.339 min Scan# 1913
Delta R.T. -0.000 min
Lab File: BP005516.D
Acq: 12 May 2021 21:56

Tgt Ion: 164 Resp: 25123
Ion Ratio Lower Upper
164 100
162 109.9 73.5 110.3
160 48.3 40.6 61.0

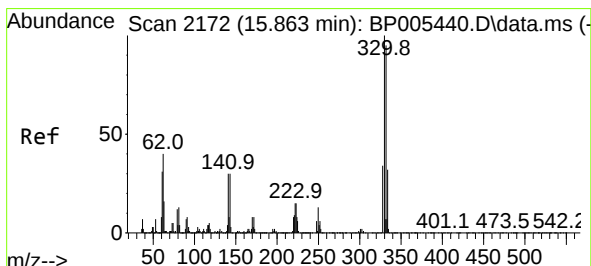
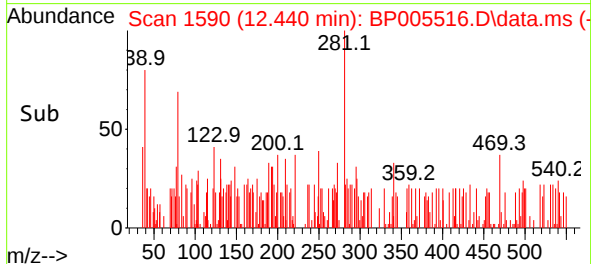
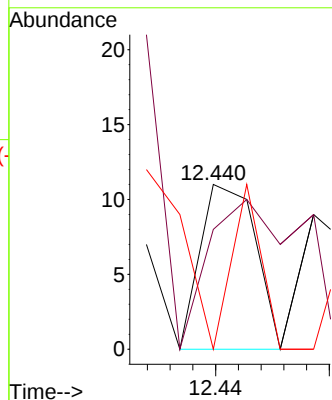
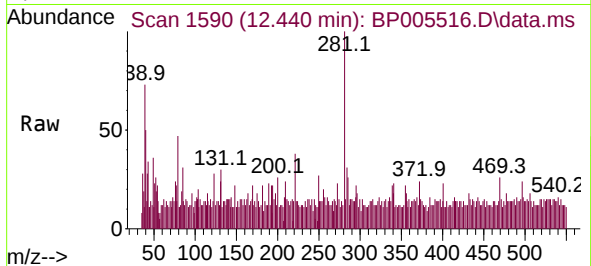




#41
Hexachlorocyclopentadiene
Concen: 7.88 ng
RT: 12.440 min Scan# 1590
Delta R.T. -0.059 min
Lab File: BP005516.D
Acq: 12 May 2021 21:56

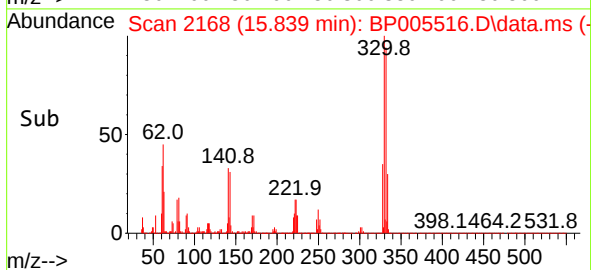
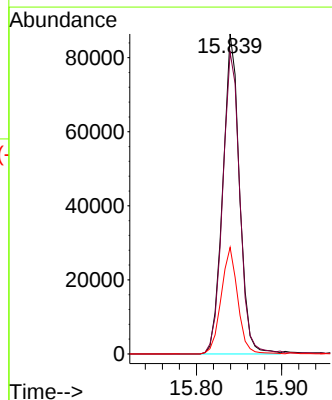
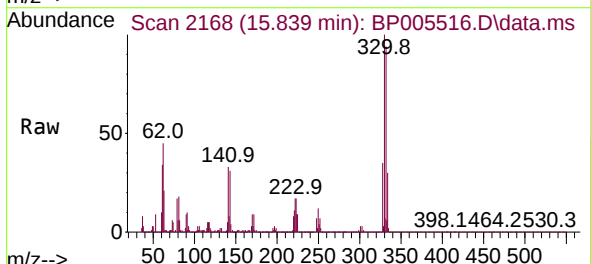
Instrument :
BNA_P
ClientSampleId :
MW-4-20210505

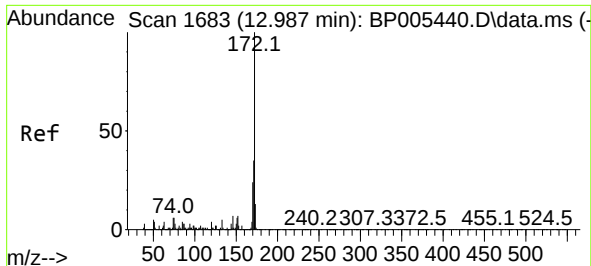
Tgt Ion:237	Resp:	7	
Ion	Ratio	Lower	Upper
237	100		
235	72.7	40.9	80.9
272	0.0	0.0	34.6



#42
2,4,6-Tribromophenol
Concen: 164.63 ng
RT: 15.839 min Scan# 2168
Delta R.T. -0.000 min
Lab File: BP005516.D
Acq: 12 May 2021 21:56

Tgt Ion:330	Resp:	117366	
Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.3	114.5
141	33.1	22.8	34.2

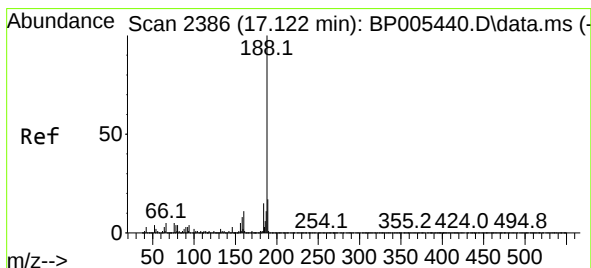
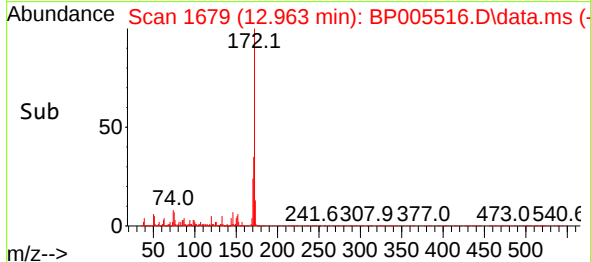
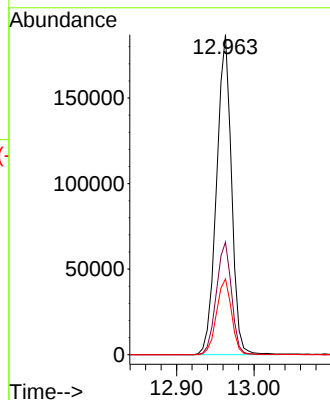
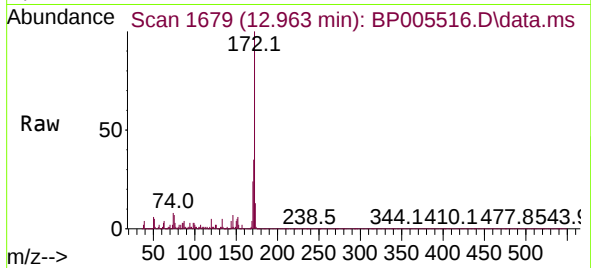




#45
2-Fluorobiphenyl
Concen: 112.46 ng
RT: 12.963 min Scan# 1679
Delta R.T. -0.006 min
Lab File: BP005516.D
Acq: 12 May 2021 21:56

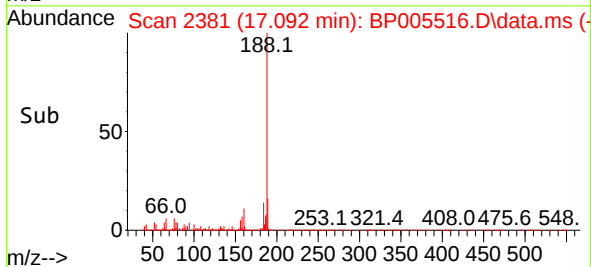
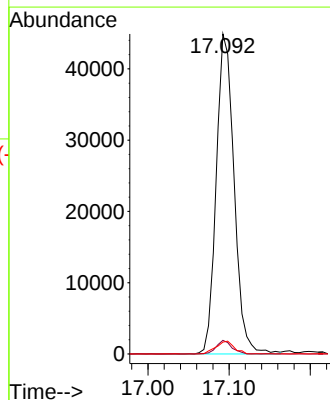
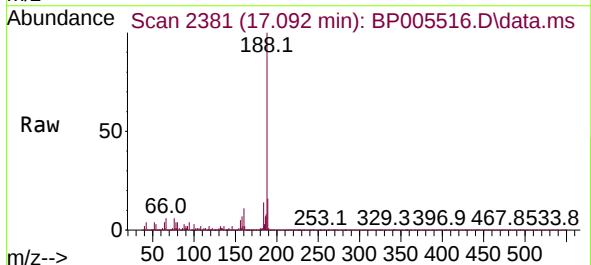
Instrument :
BNA_P
ClientSampleId :
MW-4-20210505

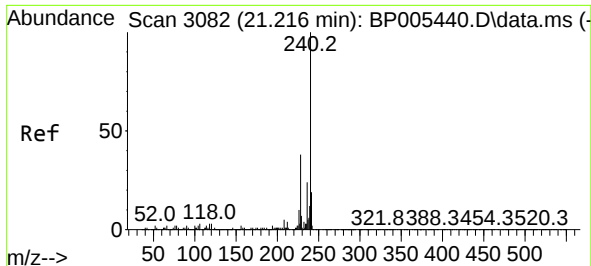
Tgt Ion:172	Resp:	250459
Ion Ratio	Lower	Upper
172	100	
171	35.2	28.1 42.1
170	23.6	19.6 29.4



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.092 min Scan# 2381
Delta R.T. -0.006 min
Lab File: BP005516.D
Acq: 12 May 2021 21:56

Tgt Ion:188	Resp:	68768
Ion Ratio	Lower	Upper
188	100	
94	4.3	5.0 7.6#
80	3.7	5.9 8.9#

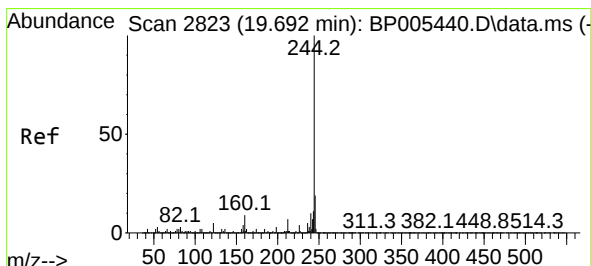
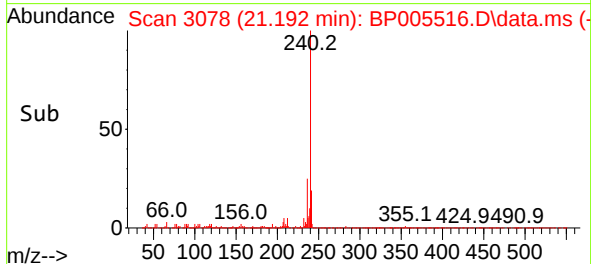
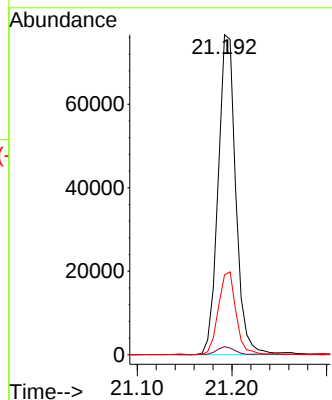
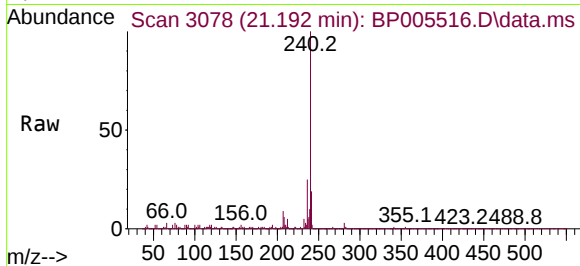




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.192 min Scan# 3078
Delta R.T. -0.000 min
Lab File: BP005516.D
Acq: 12 May 2021 21:56

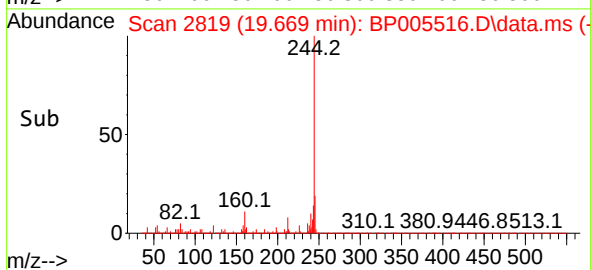
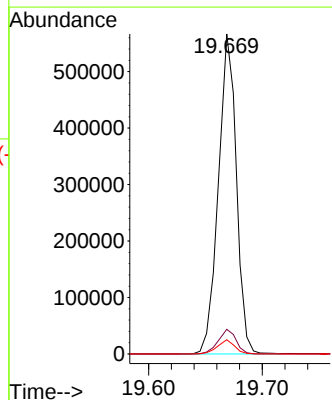
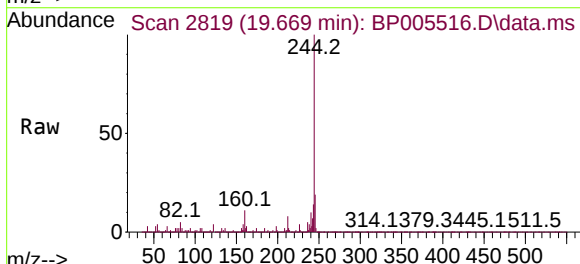
Instrument :
BNA_P
ClientSampleId :
MW-4-20210505

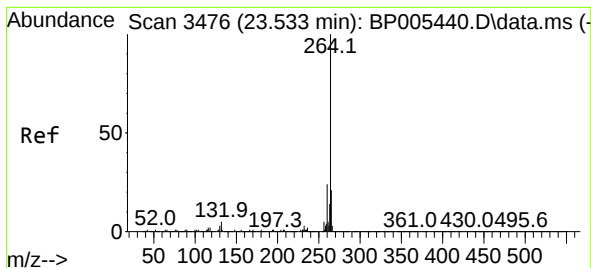
Tgt Ion:240 Resp: 99431
Ion Ratio Lower Upper
240 100
120 2.5 4.2 6.2#
236 24.9 20.2 30.2



#79
Terphenyl-d14
Concen: 106.68 ng
RT: 19.669 min Scan# 2819
Delta R.T. -0.000 min
Lab File: BP005516.D
Acq: 12 May 2021 21:56

Tgt Ion:244 Resp: 624573
Ion Ratio Lower Upper
244 100
212 7.7 5.8 8.6
122 4.5 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: BP005516.D
 Acq: 12 May 2021 21:56

Instrument :
 BNA_P
 ClientSampleId :
 MW-4-20210505

Tgt Ion:264 Resp: 106688
 Ion Ratio Lower Upper
 264 100
 260 25.8 20.6 30.8
 265 20.6 19.0 28.6

