

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051221\
 Data File : BP005512.D
 Acq On : 12 May 2021 19:41
 Operator : CG/JU
 Sample : M2322-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-1-20210505

Quant Time: May 13 03:27:32 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)

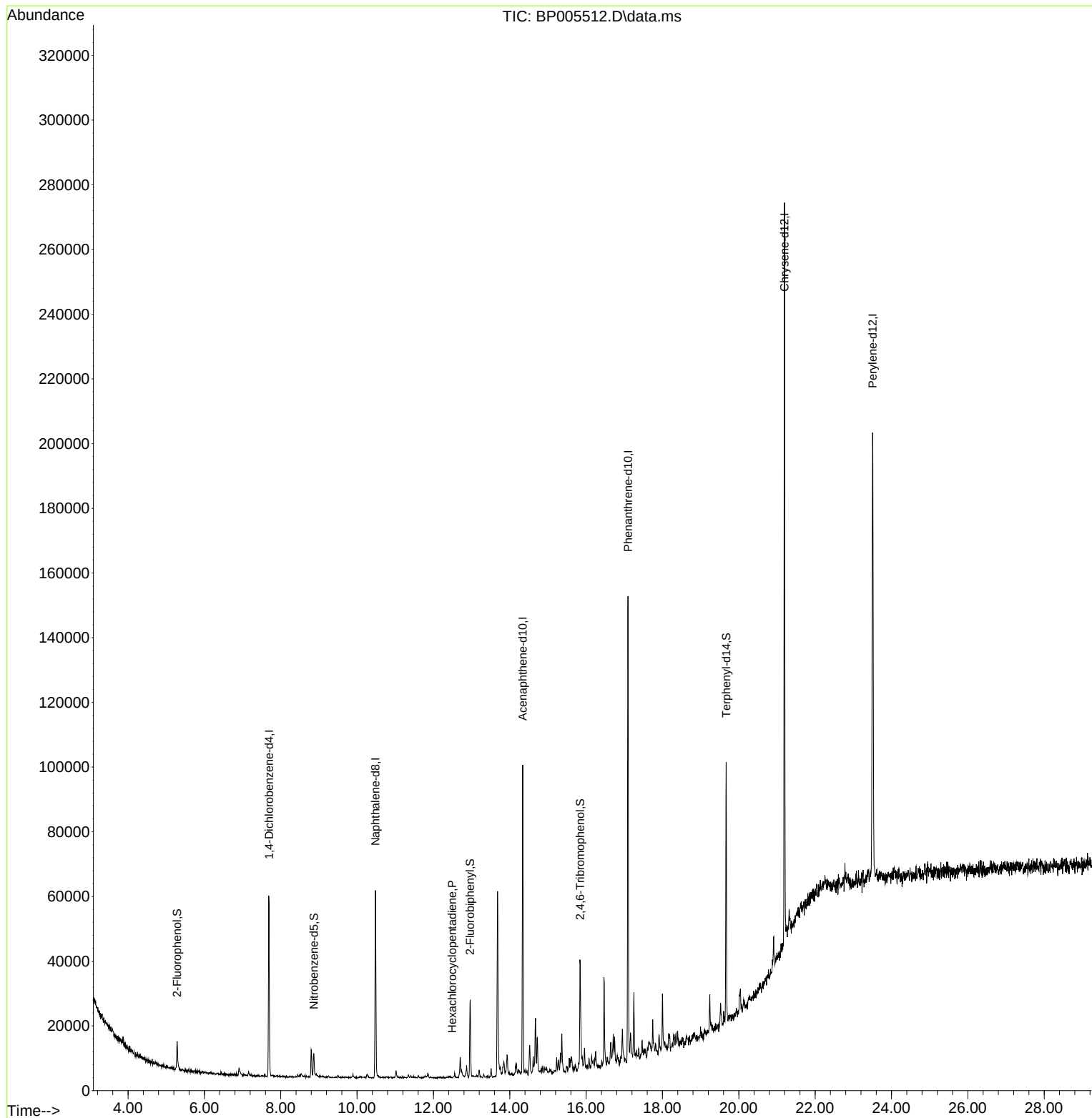
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	11554	20.00	ng	0.00
21) Naphthalene-d8	10.481	136	32158	20.00	ng	#-0.01
39) Acenaphthene-d10	14.340	164	25820	20.00	ng	0.00
64) Phenanthrene-d10	17.098	188	77689	20.00	ng	# 0.00
76) Chrysene-d12	21.198	240	107757	20.00	ng	# 0.00
86) Perylene-d12	23.504	264	107892	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	2530	4.20	ng	0.00
7) Phenol-d6	6.916	99	1166	1.55	ng	0.02
23) Nitrobenzene-d5	8.869	82	4443	5.44	ng	0.00
42) 2,4,6-Tribromophenol	15.845	330	5875	8.02	ng	0.00
45) 2-Fluorobiphenyl	12.963	172	10577	4.62	ng	0.00
79) Terphenyl-d14	19.669	244	32283	5.09	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.187	88	81	Below Cal	#	70
9) Benzaldehyde	6.822	77	32	Below Cal	#	7
41) Hexachlorocyclopentadiene	12.493	237	6	7.88	ng	75

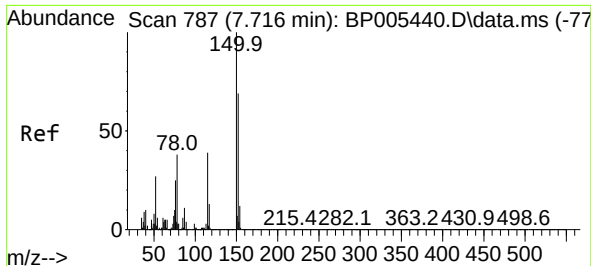
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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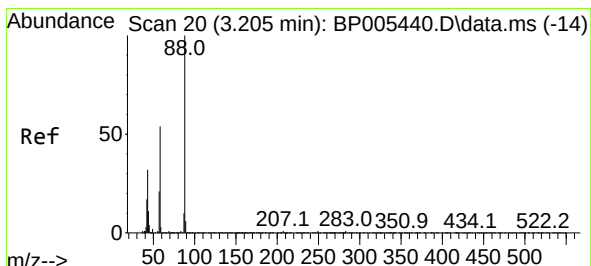
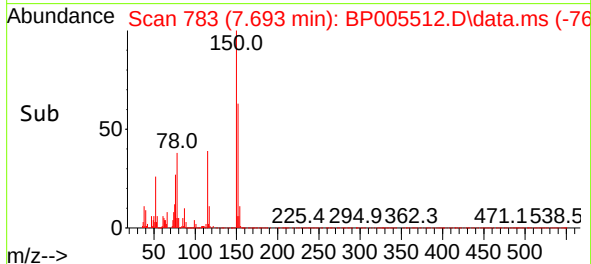
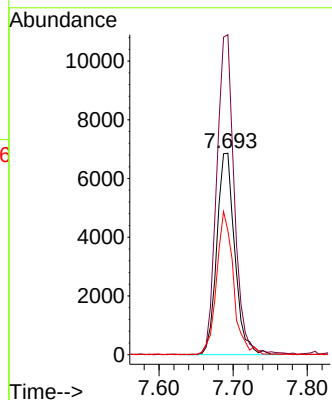
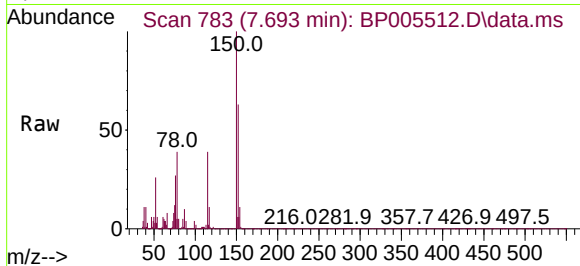




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.693 min Scan# 783
 Delta R.T. -0.006 min
 Lab File: BP005512.D
 Acq: 12 May 2021 19:41

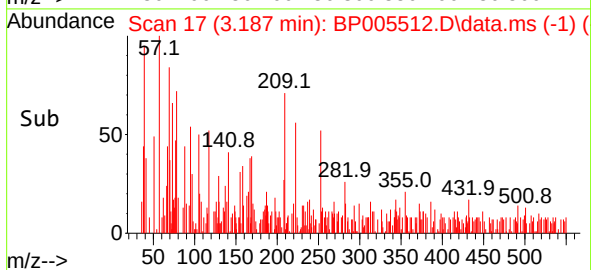
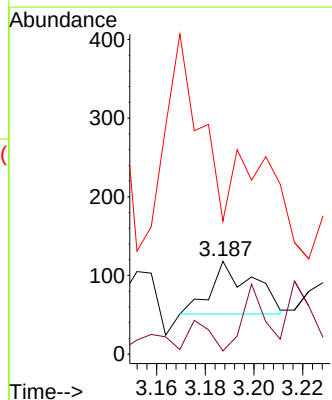
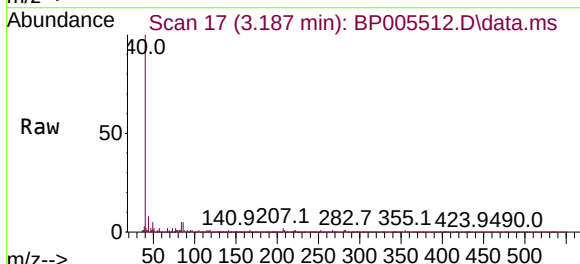
Instrument :
 BNA_P
 ClientSampleId :
 MW-1-20210505

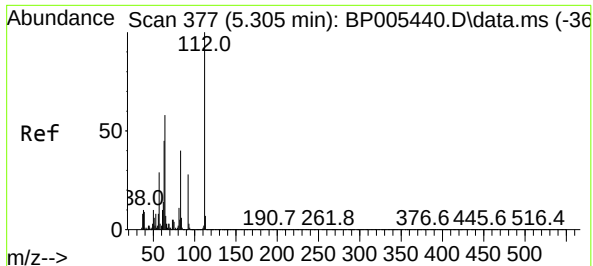
Tgt Ion: 152 Resp: 11554
 Ion Ratio Lower Upper
 152 100
 150 158.9 119.8 179.8
 115 61.6 49.0 73.4



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.187 min Scan# 17
 Delta R.T. 0.006 min
 Lab File: BP005512.D
 Acq: 12 May 2021 19:41

Tgt Ion: 88 Resp: 81
 Ion Ratio Lower Upper
 88 100
 58 67.9 42.5 63.7#
 43 0.0 19.8 29.8#

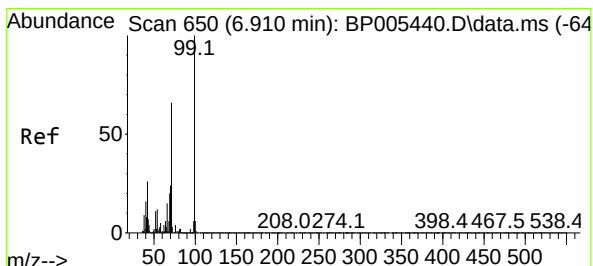
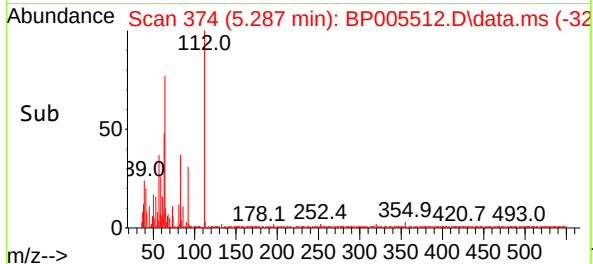
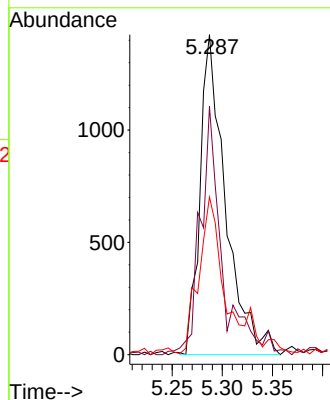
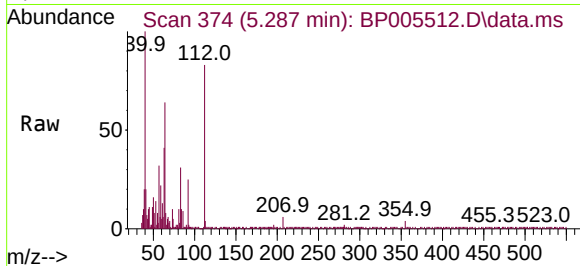




#5
2-Fluorophenol
Concen: 4.20 ng
RT: 5.287 min Scan# 374
Delta R.T. -0.000 min
Lab File: BP005512.D
Acq: 12 May 2021 19:41

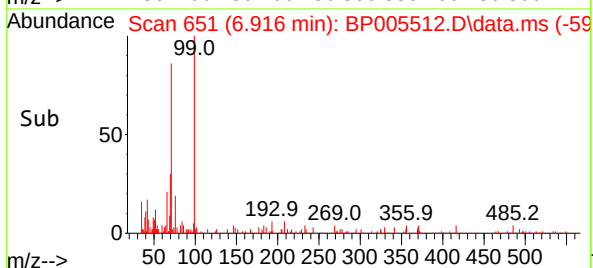
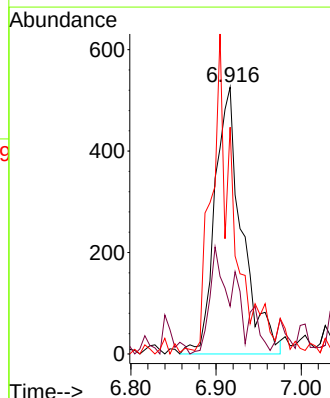
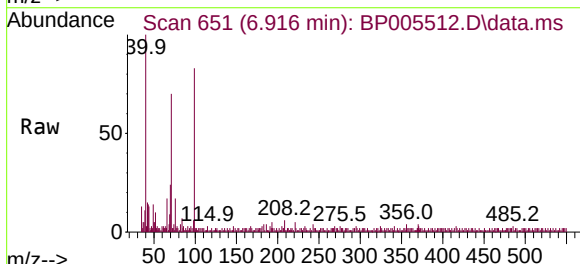
Instrument :
BNA_P
ClientSampleId :
MW-1-20210505

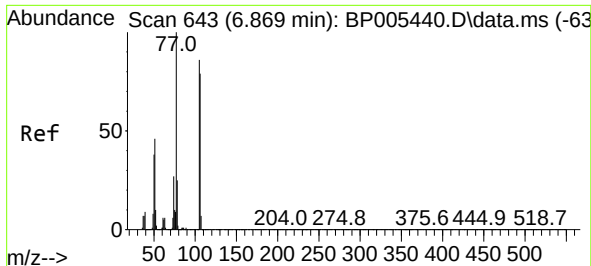
Tgt Ion:112 Resp: 2530
Ion Ratio Lower Upper
112 100
64 77.6 33.6 50.4#
63 49.3 18.6 27.8#



#7
Phenol-d6
Concen: 1.55 ng
RT: 6.916 min Scan# 651
Delta R.T. 0.023 min
Lab File: BP005512.D
Acq: 12 May 2021 19:41

Tgt Ion: 99 Resp: 1166
Ion Ratio Lower Upper
99 100
42 17.9 12.9 19.3
71 85.0 26.7 40.1#

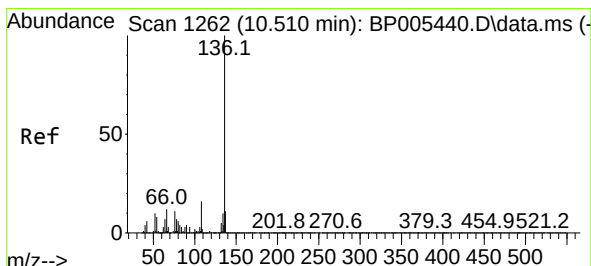
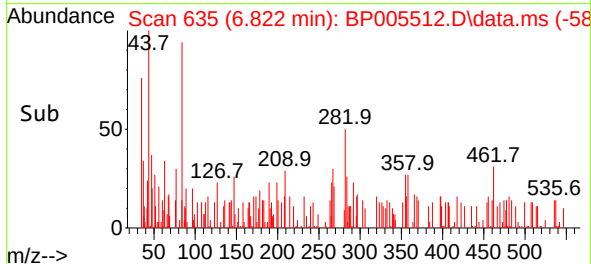
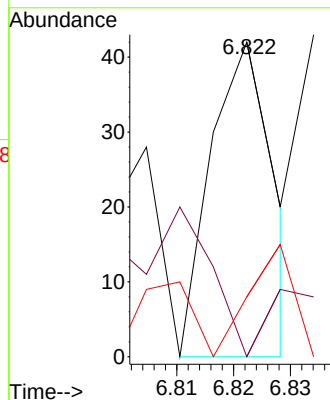
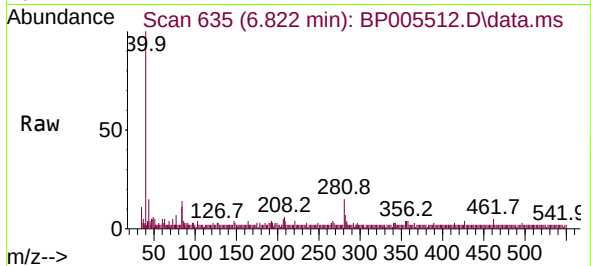




#9
Benzaldehyde
Concen: Below Cal
RT: 6.822 min Scan# 635
Delta R.T. -0.024 min
Lab File: BP005512.D
Acq: 12 May 2021 19:41

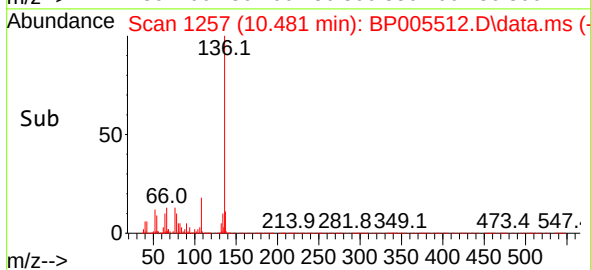
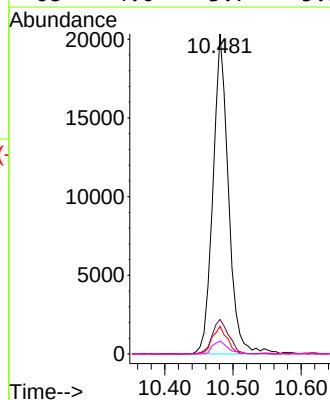
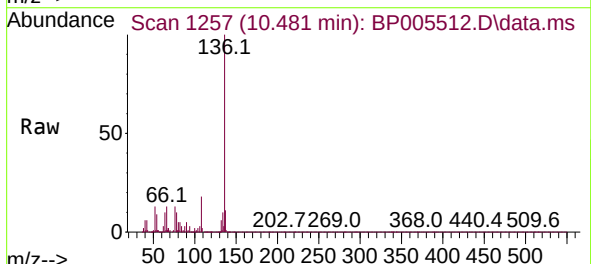
Instrument :
BNA_P
ClientSampleId :
MW-1-20210505

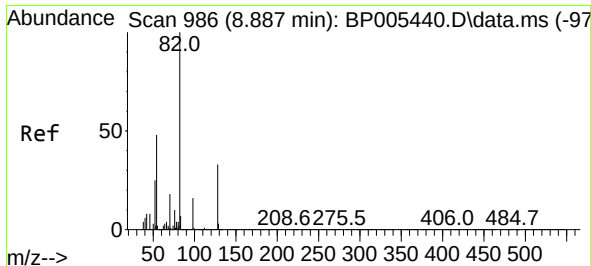
Tgt Ion: 77 Resp: 32
Ion Ratio Lower Upper
77 100
105 0.0 89.4 129.4#
106 19.0 79.9 119.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.012 min
Lab File: BP005512.D
Acq: 12 May 2021 19:41

Tgt Ion: 136 Resp: 32158
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 8.7 5.0 7.4#
68 4.0 3.7 5.5





#23

Nitrobenzene-d5

Concen: 5.44 ng

RT: 8.869 min Scan# 983

Delta R.T. 0.006 min

Lab File: BP005512.D

Acq: 12 May 2021 19:41

Instrument :

BNA_P

ClientSampleId :

MW-1-20210505

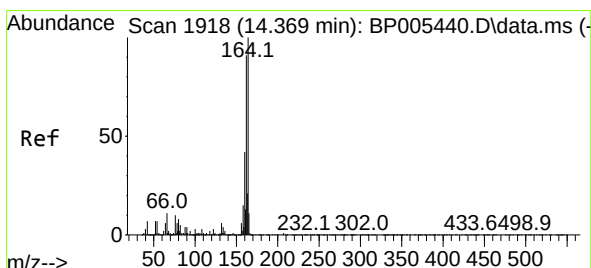
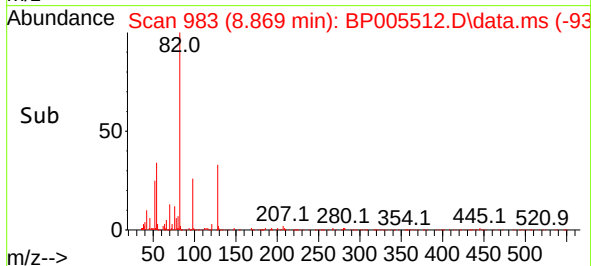
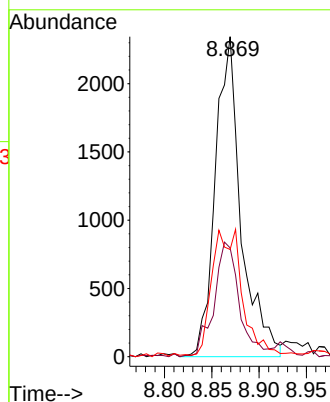
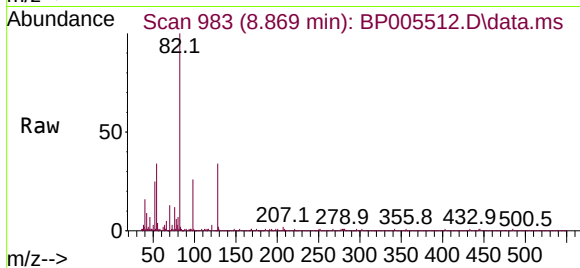
Tgt Ion: 82 Resp: 4443

Ion Ratio Lower Upper

82 100

128 34.0 30.5 45.7

54 33.5 33.9 50.9#



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.340 min Scan# 1913

Delta R.T. -0.000 min

Lab File: BP005512.D

Acq: 12 May 2021 19:41

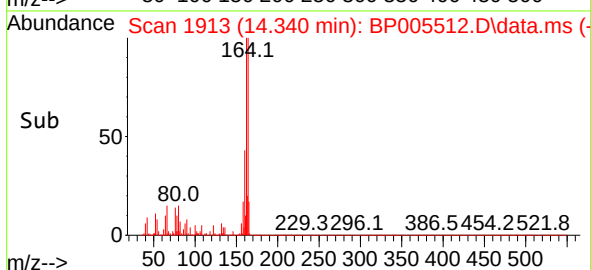
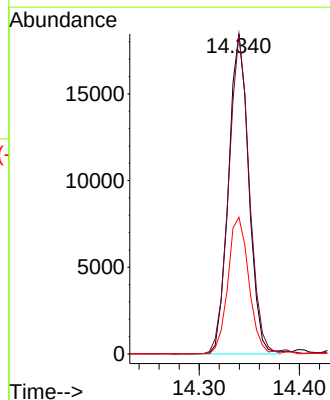
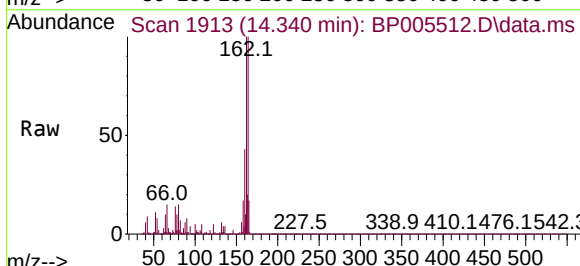
Tgt Ion: 164 Resp: 25820

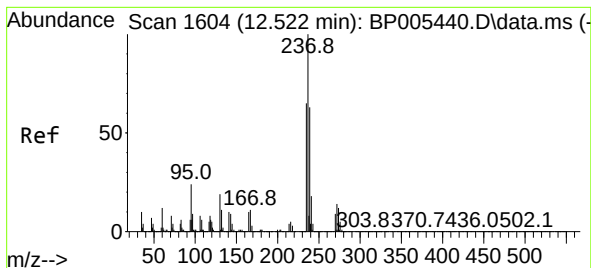
Ion Ratio Lower Upper

164 100

162 100.0 73.5 110.3

160 42.7 40.6 61.0

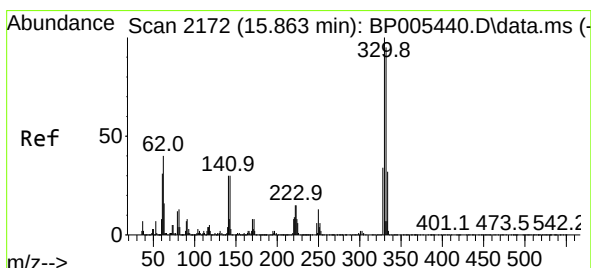
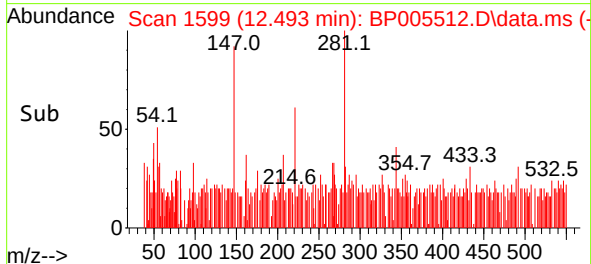
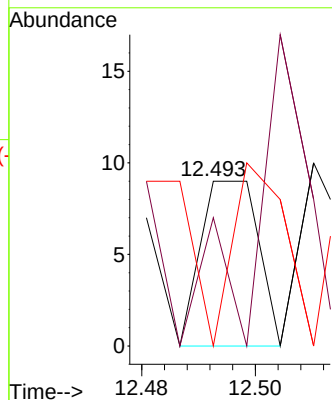
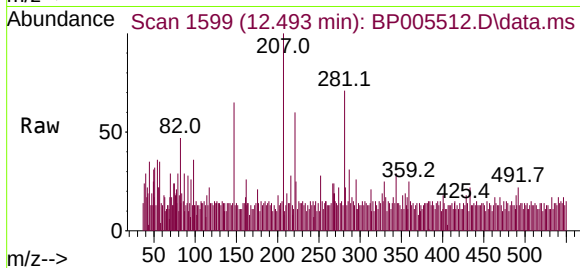




#41
Hexachlorocyclopentadiene
Concen: 7.88 ng
RT: 12.493 min Scan# 1599
Delta R.T. -0.006 min
Lab File: BP005512.D
Acq: 12 May 2021 19:41

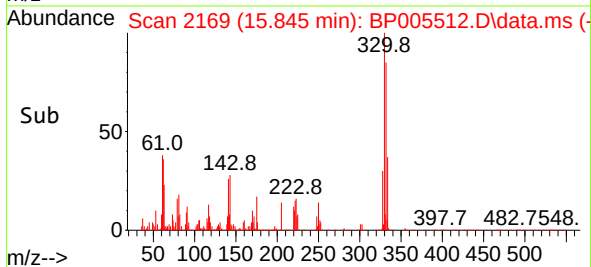
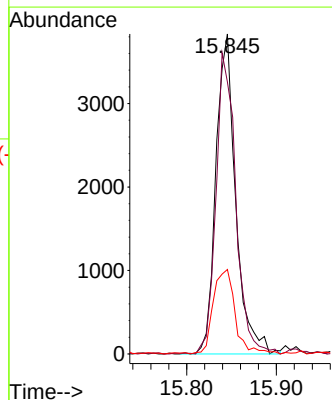
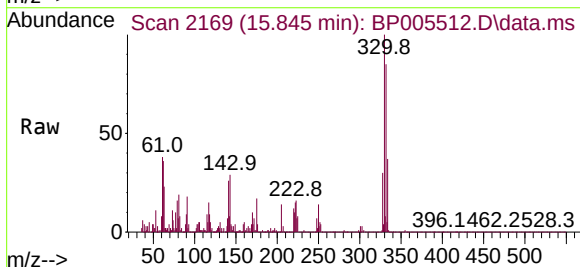
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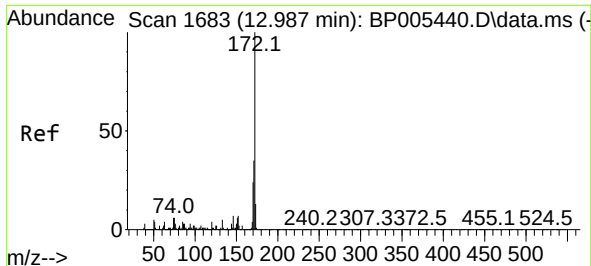
Tgt Ion:	237	Resp:	6
Ion	Ratio	Lower	Upper
237	100		
235	77.8	40.9	80.9
272	0.0	0.0	34.6



#42
2,4,6-Tribromophenol
Concen: 8.02 ng
RT: 15.845 min Scan# 2169
Delta R.T. 0.006 min
Lab File: BP005512.D
Acq: 12 May 2021 19:41

Tgt Ion:	330	Resp:	5875
Ion	Ratio	Lower	Upper
330	100		
332	94.0	76.3	114.5
141	29.2	22.8	34.2

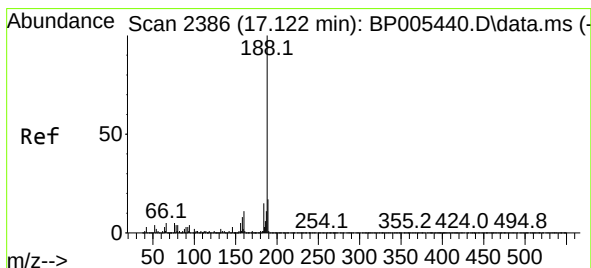
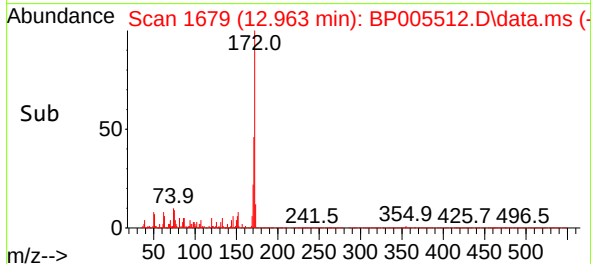
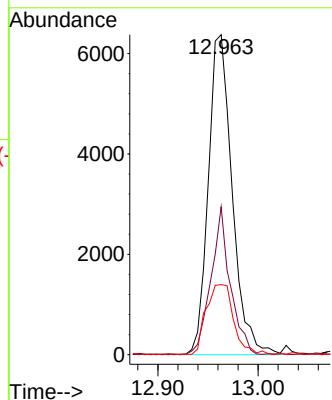
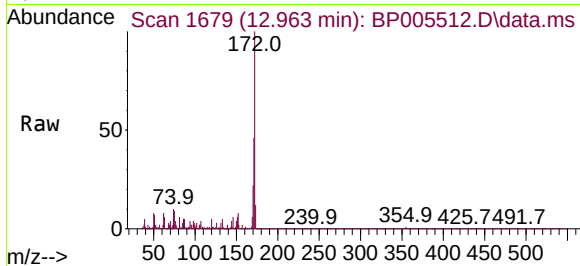




#45
2-Fluorobiphenyl
Concen: 4.62 ng
RT: 12.963 min Scan# 1679
Delta R.T. -0.006 min
Lab File: BP005512.D
Acq: 12 May 2021 19:41

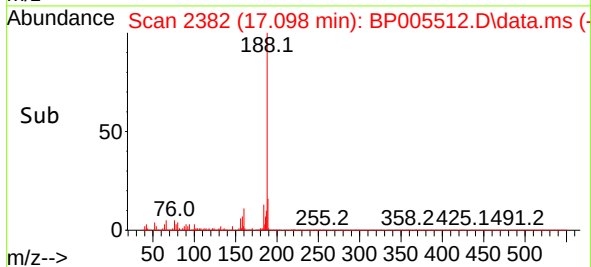
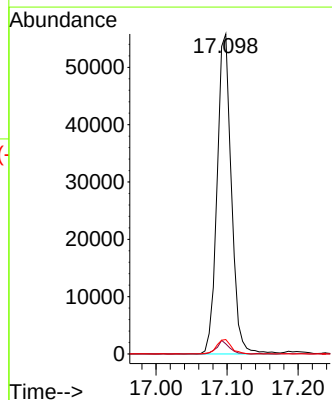
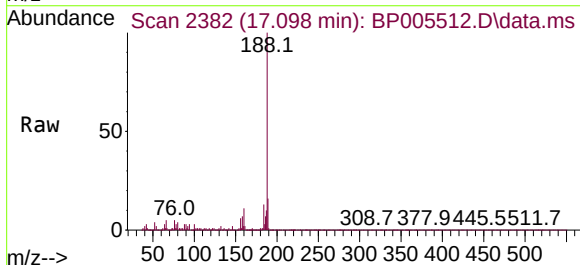
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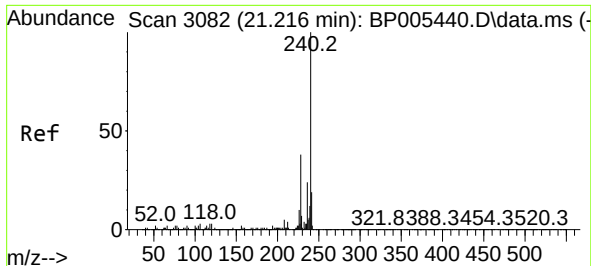
Tgt Ion:172 Resp: 10577
Ion Ratio Lower Upper
172 100
171 46.2 28.1 42.1#
170 21.9 19.6 29.4



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.098 min Scan# 2382
Delta R.T. -0.000 min
Lab File: BP005512.D
Acq: 12 May 2021 19:41

Tgt Ion:188 Resp: 77689
Ion Ratio Lower Upper
188 100
94 3.2 5.0 7.6#
80 4.5 5.9 8.9#

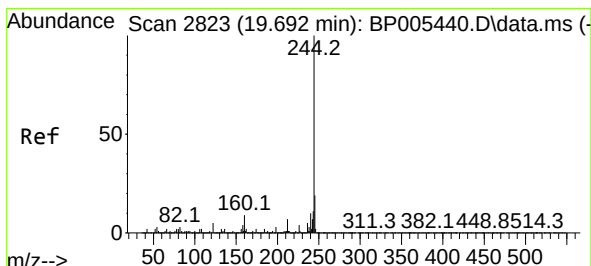
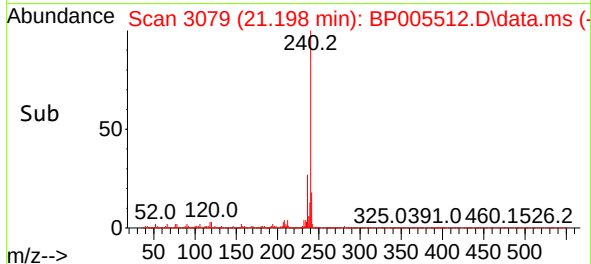
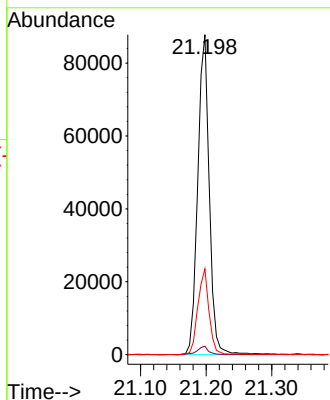
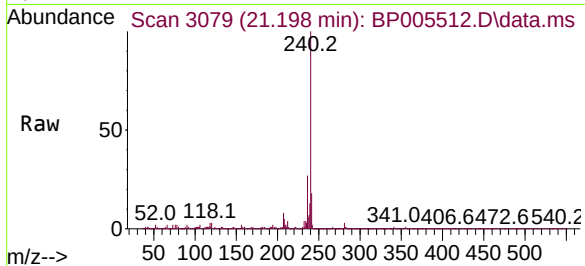




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.198 min Scan# 3079
Delta R.T. 0.006 min
Lab File: BP005512.D
Acq: 12 May 2021 19:41

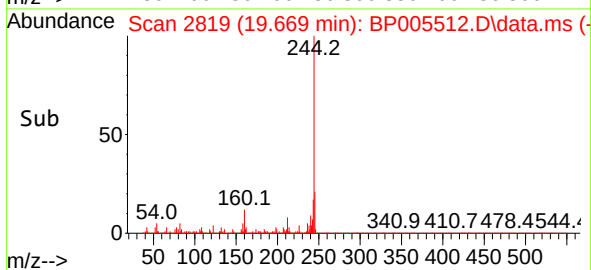
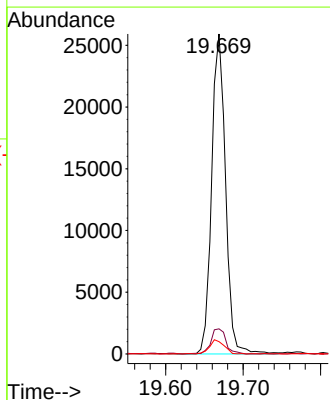
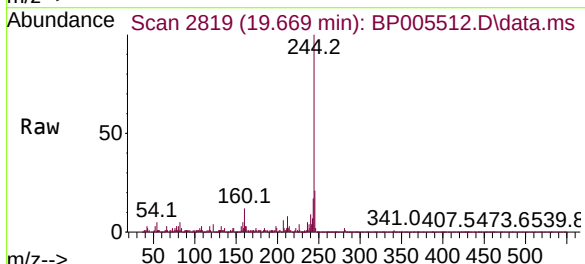
Instrument :
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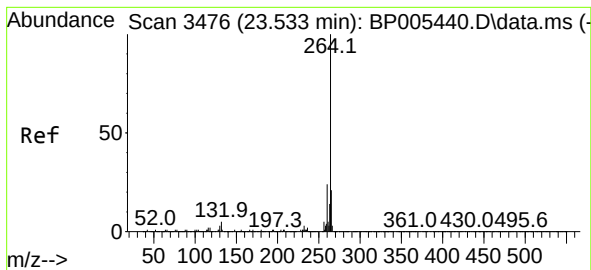
Tgt Ion:240 Resp: 107757
Ion Ratio Lower Upper
240 100
120 2.6 4.2 6.2#
236 26.9 20.2 30.2



#79
Terphenyl-d14
Concen: 5.09 ng
RT: 19.669 min Scan# 2819
Delta R.T. -0.000 min
Lab File: BP005512.D
Acq: 12 May 2021 19:41

Tgt Ion:244 Resp: 32283
Ion Ratio Lower Upper
244 100
212 7.8 5.8 8.6
122 3.8 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: BP005512.D
Acq: 12 May 2021 19:41

Instrument :
BNA_P
ClientSampleId :
MW-1-20210505

Tgt Ion:264 Resp: 107892

Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.6	30.8
265	21.4	19.0	28.6

