

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060921\
 Data File : BP005820.D
 Acq On : 09 Jun 2021 21:27
 Operator : CG/JU
 Sample : M2612-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 18-B12(22-26)

Quant Time: Jun 10 01:22:35 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 09 11:54:55 2021
 Response via : Initial Calibration

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

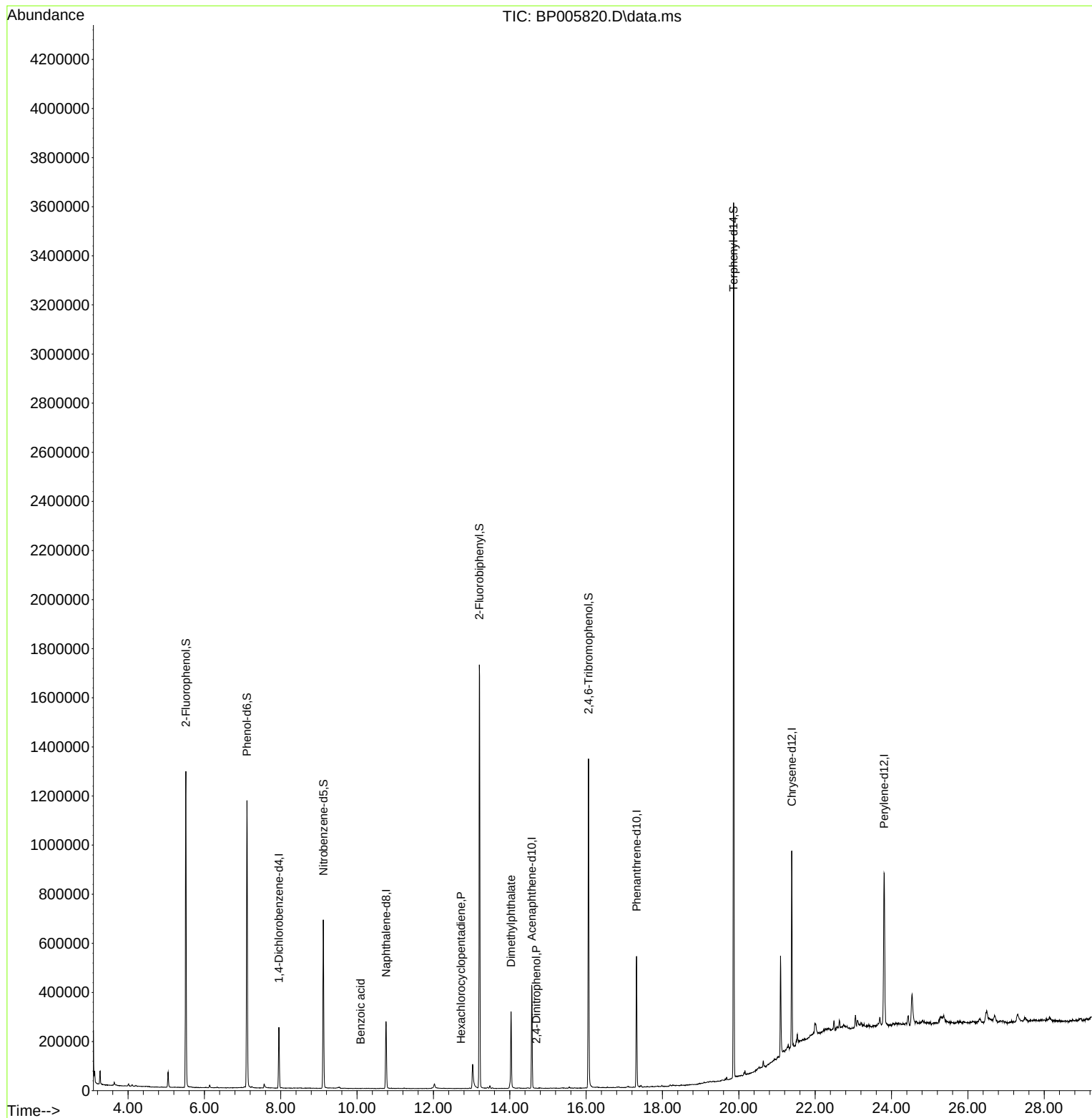
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	66144	20.00	ng	0.00
21) Naphthalene-d8	10.758	136	239851	20.00	ng	0.00
39) Acenaphthene-d10	14.575	164	147229	20.00	ng	0.00
64) Phenanthrene-d10	17.322	188	315680	20.00	ng	0.00
76) Chrysene-d12	21.386	240	396776	20.00	ng	0.00
86) Perylene-d12	23.804	264	487814	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.517	112	555982	134.88	ng	0.00
7) Phenol-d6	7.117	99	650076	121.67	ng	0.00
23) Nitrobenzene-d5	9.116	82	391258	79.98	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	261361	103.45	ng	0.00
45) 2-Fluorobiphenyl	13.204	172	886095	79.03	ng	-0.01
79) Terphenyl-d14	19.863	244	1564337	73.83	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.093	122	30	6.33	ng	# 1
41) Hexachlorocyclopentadiene	12.722	237	14	5.51	ng	76
50) Dimethylphthalate	14.034	163	198948	16.43	ng	99
54) 2,4-Dinitrophenol	14.698	184	14	4.86	ng	# 57

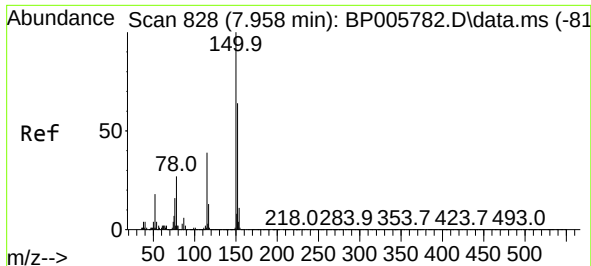
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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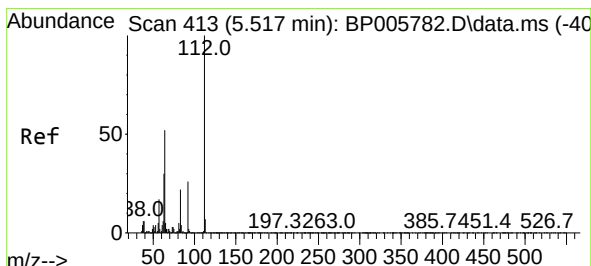
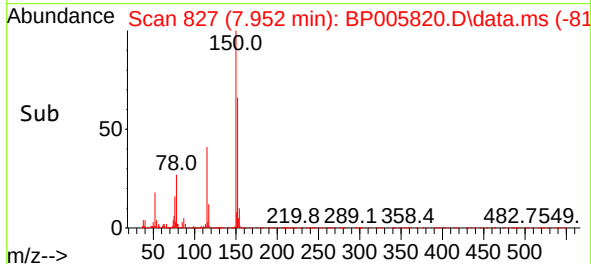
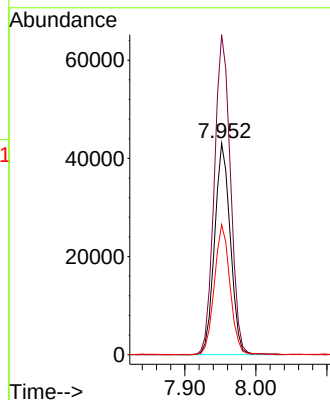
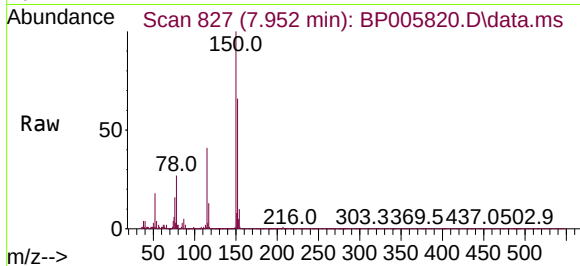




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.952 min Scan# 827
Delta R.T. -0.006 min
Lab File: BP005820.D
Acq: 09 Jun 2021 21:27

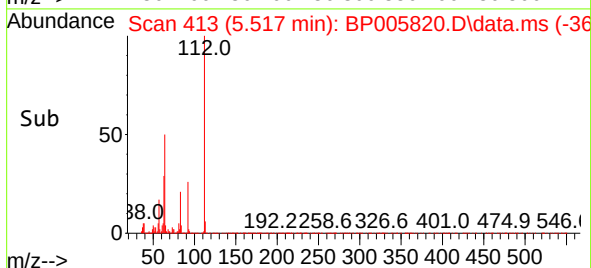
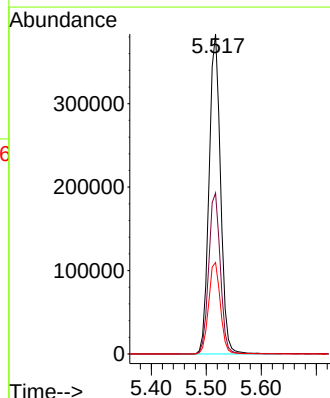
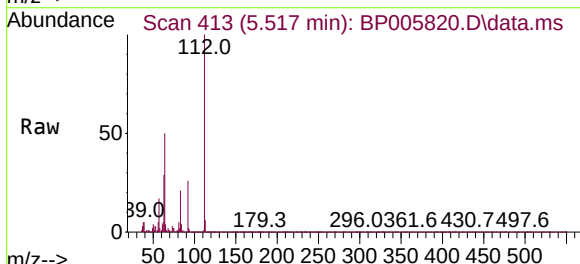
Instrument :
BNA_P
ClientSampleId :
18-B12(22-26)

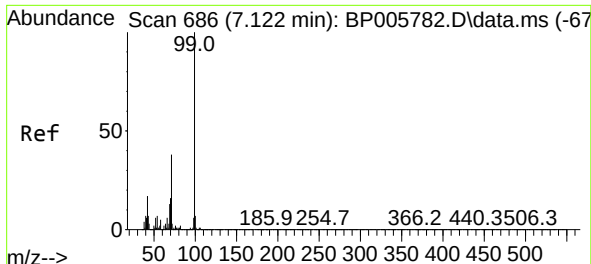
Tgt Ion:152 Resp: 66144
Ion Ratio Lower Upper
152 100
150 151.4 125.6 188.4
115 61.5 48.5 72.7



#5
2-Fluorophenol
Concen: 134.88 ng
RT: 5.517 min Scan# 413
Delta R.T. -0.000 min
Lab File: BP005820.D
Acq: 09 Jun 2021 21:27

Tgt Ion:112 Resp: 555982
Ion Ratio Lower Upper
112 100
64 50.3 41.4 62.2
63 28.6 23.8 35.8

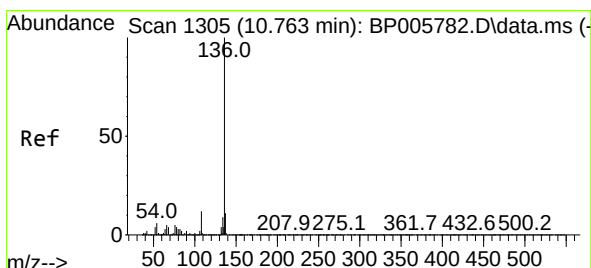
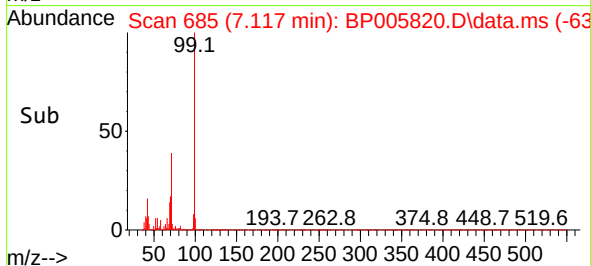
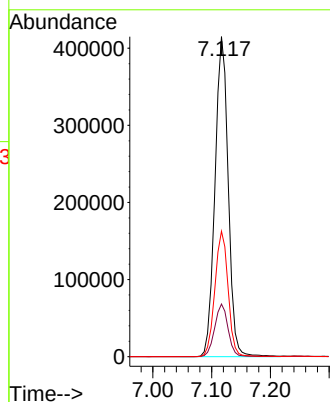
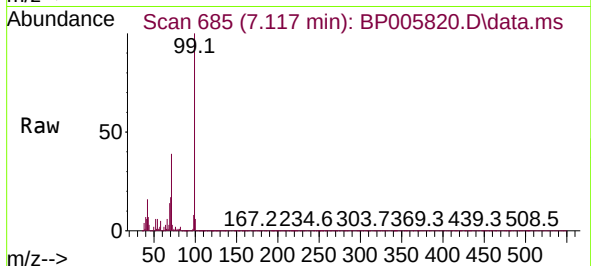




#7
Phenol-d6
Concen: 121.67 ng
RT: 7.117 min Scan# 685
Delta R.T. -0.005 min
Lab File: BP005820.D
Acq: 09 Jun 2021 21:27

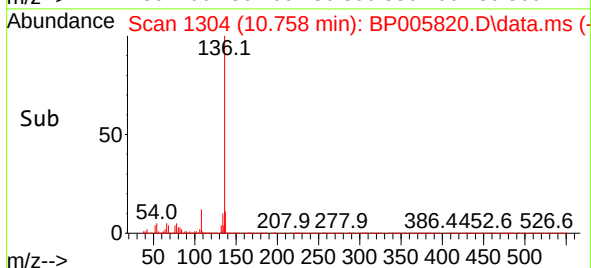
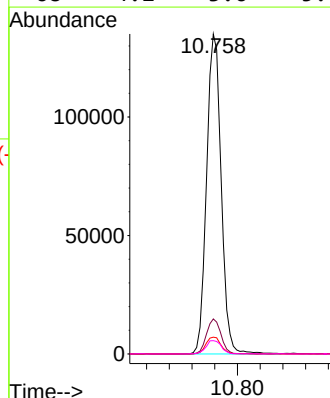
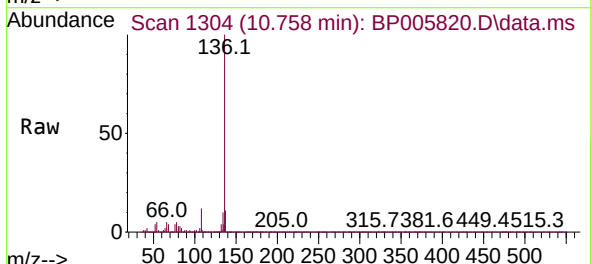
Instrument :
BNA_P
ClientSampleId :
18-B12(22-26)

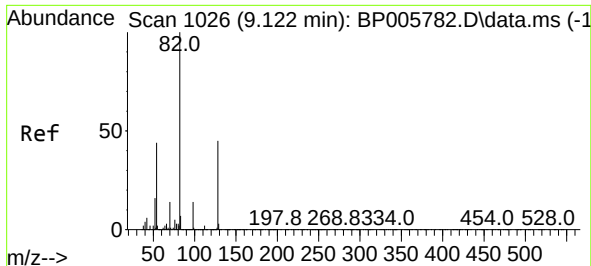
Tgt Ion:	99	Resp:	650076
Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.4	20.0
71	39.2	30.6	46.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.758 min Scan# 1304
Delta R.T. -0.005 min
Lab File: BP005820.D
Acq: 09 Jun 2021 21:27

Tgt Ion:	136	Resp:	239851
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	5.3	4.6	6.8
68	4.2	3.6	5.4

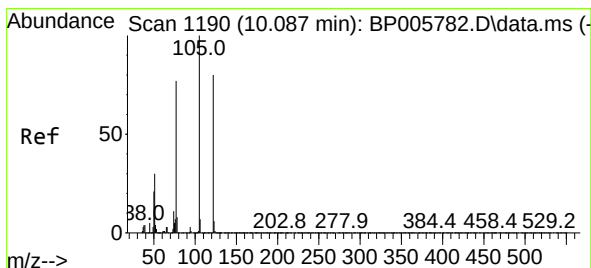
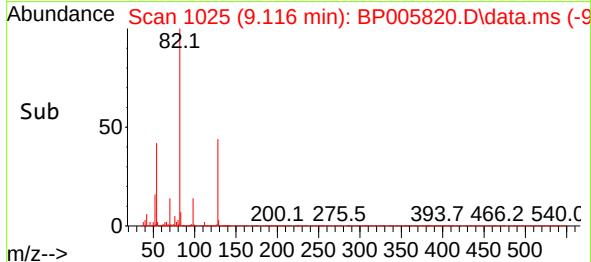
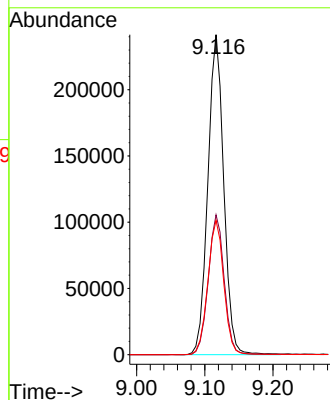
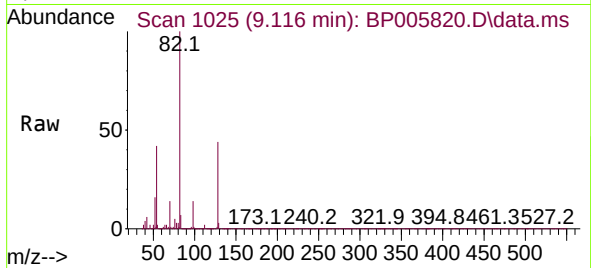




#23
Nitrobenzene-d5
Concen: 79.98 ng
RT: 9.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BP005820.D
Acq: 09 Jun 2021 21:27

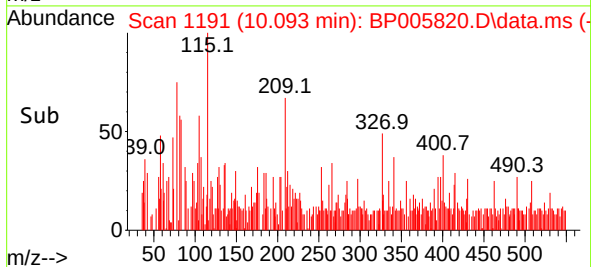
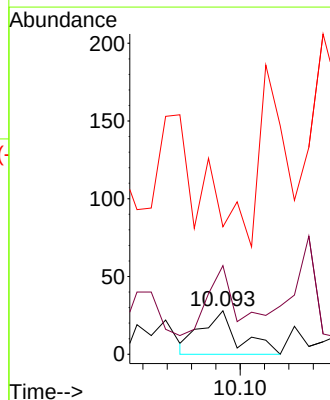
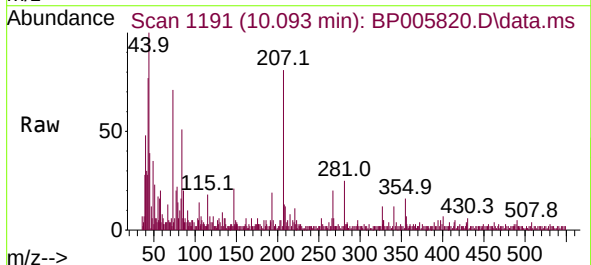
Instrument :
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ClientSampleId :
18-B12(22-26)

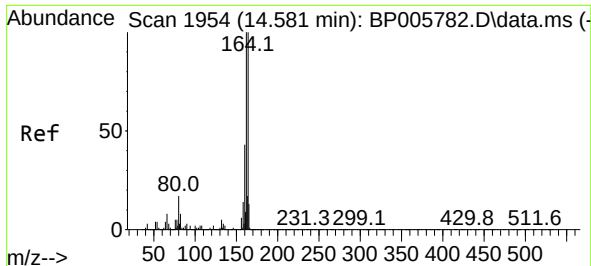
Tgt Ion: 82 Resp: 391258
Ion Ratio Lower Upper
82 100
128 43.7 35.7 53.5
54 41.9 35.0 52.4



#32
Benzoic acid
Concen: 6.33 ng
RT: 10.093 min Scan# 1191
Delta R.T. 0.006 min
Lab File: BP005820.D
Acq: 09 Jun 2021 21:27

Tgt Ion: 122 Resp: 30
Ion Ratio Lower Upper
122 100
105 203.6 103.2 143.2#
77 292.9 76.2 116.2#

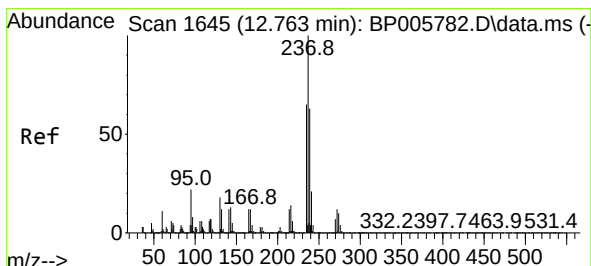
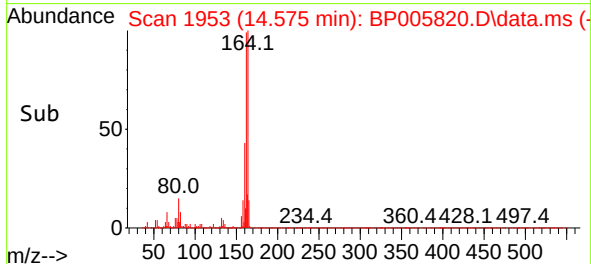
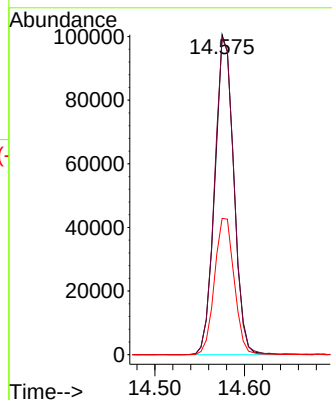
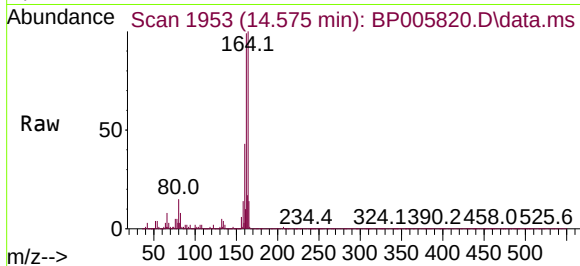




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.575 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BP005820.D
Acq: 09 Jun 2021 21:27

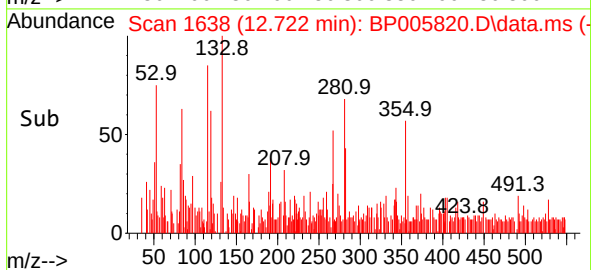
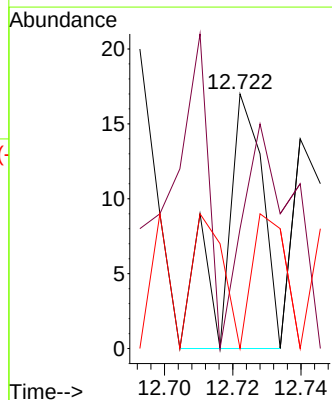
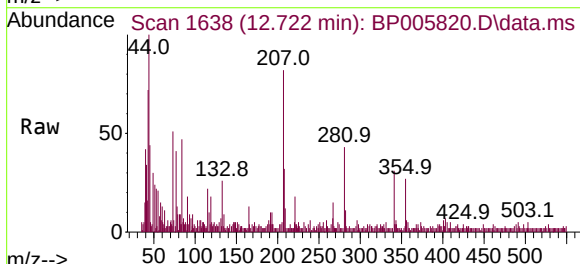
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18-B12(22-26)

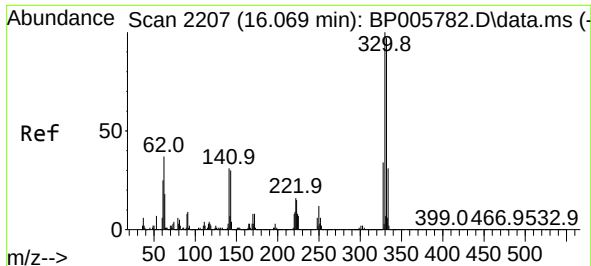
Tgt Ion:164 Resp: 147229
Ion Ratio Lower Upper
164 100
162 99.0 80.2 120.2
160 42.6 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 5.51 ng
RT: 12.722 min Scan# 1638
Delta R.T. -0.041 min
Lab File: BP005820.D
Acq: 09 Jun 2021 21:27

Tgt Ion:237 Resp: 14
Ion Ratio Lower Upper
237 100
235 47.1 44.5 84.5
272 0.0 0.0 32.5

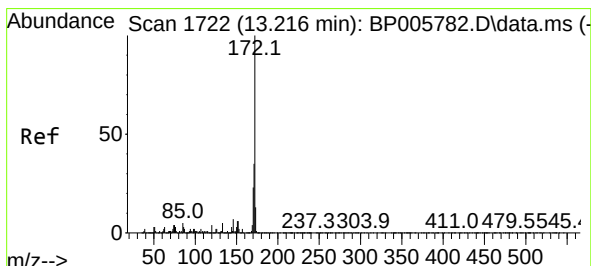
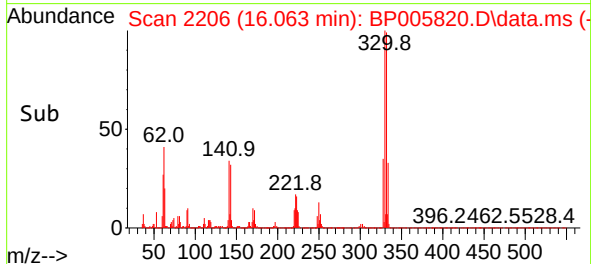
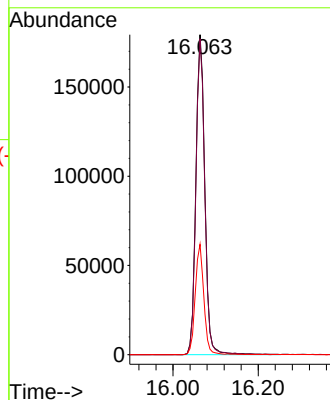
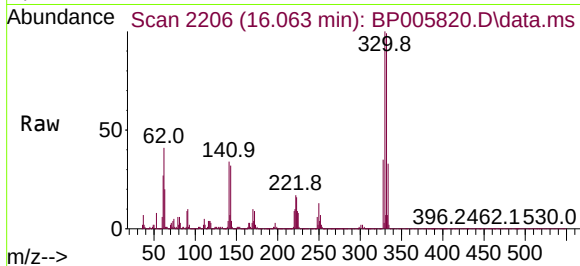




#42
2,4,6-Tribromophenol
Concen: 103.45 ng
RT: 16.063 min Scan# 2206
Delta R.T. -0.006 min
Lab File: BP005820.D
Acq: 09 Jun 2021 21:27

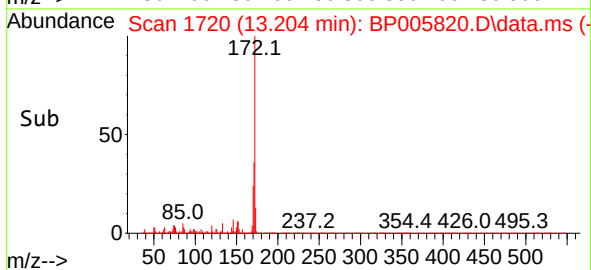
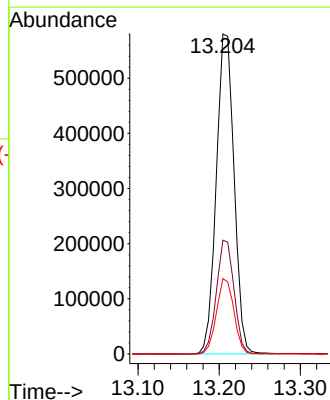
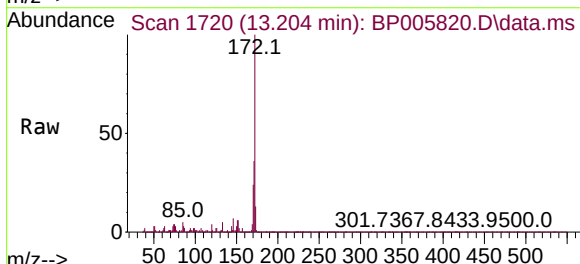
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BNA_P
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18-B12(22-26)

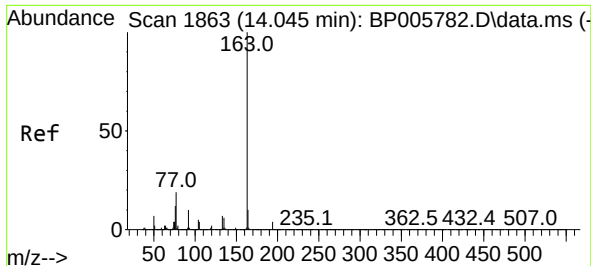
Tgt Ion:330 Resp: 261361
Ion Ratio Lower Upper
330 100
332 97.3 77.8 116.8
141 33.1 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 79.03 ng
RT: 13.204 min Scan# 1720
Delta R.T. -0.012 min
Lab File: BP005820.D
Acq: 09 Jun 2021 21:27

Tgt Ion:172 Resp: 886095
Ion Ratio Lower Upper
172 100
171 35.5 27.9 41.9
170 23.6 18.6 27.8

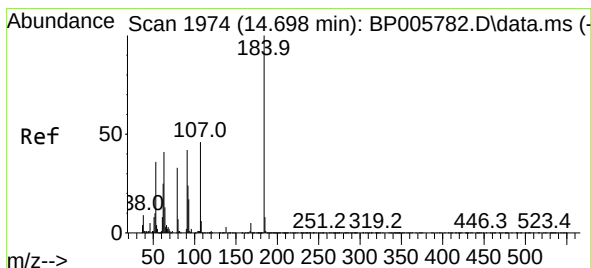
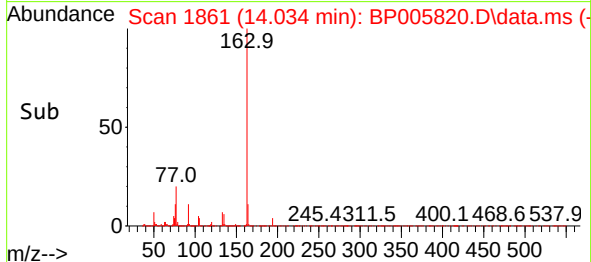
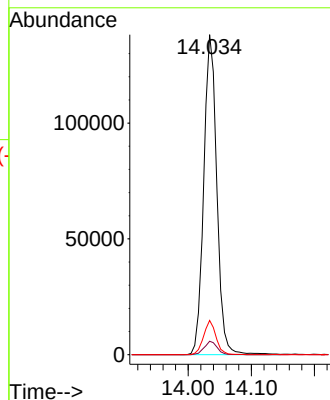
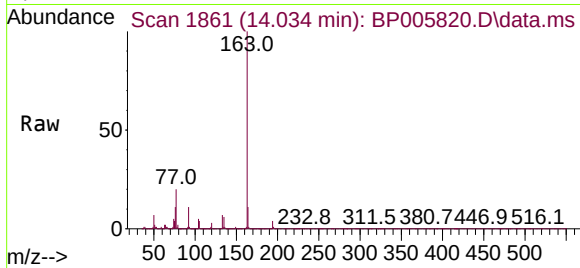




#50
Dimethylphthalate
Concen: 16.43 ng
RT: 14.034 min Scan# 1861
Delta R.T. -0.012 min
Lab File: BP005820.D
Acq: 09 Jun 2021 21:27

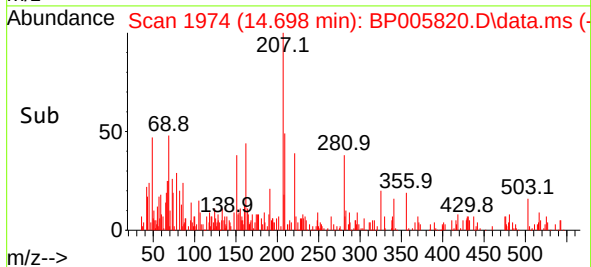
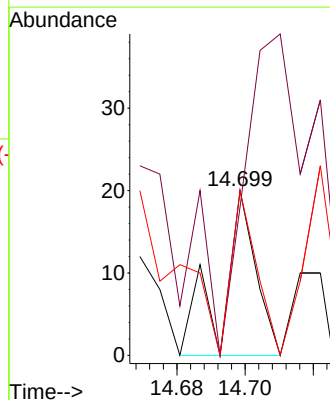
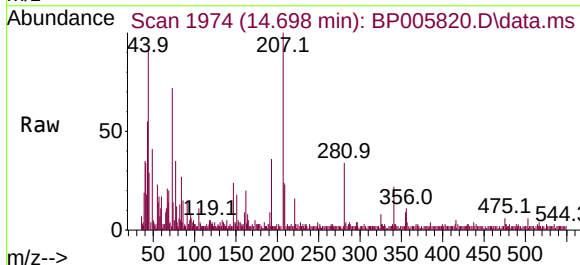
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18-B12(22-26)

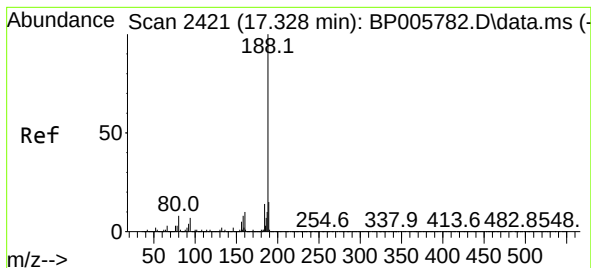
Tgt Ion:163 Resp: 198948
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 10.7 8.2 12.2



#54
2,4-Dinitrophenol
Concen: 4.86 ng
RT: 14.698 min Scan# 1974
Delta R.T. 0.000 min
Lab File: BP005820.D
Acq: 09 Jun 2021 21:27

Tgt Ion:184 Resp: 14
Ion Ratio Lower Upper
184 100
63 90.0 47.0 70.6#
154 100.0 52.3 78.5#

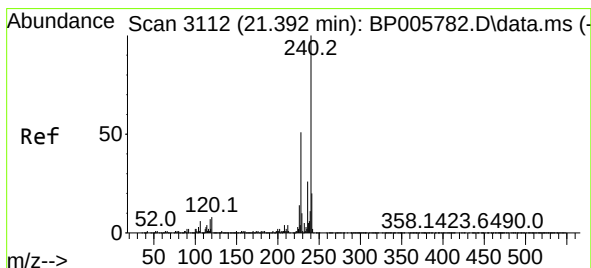
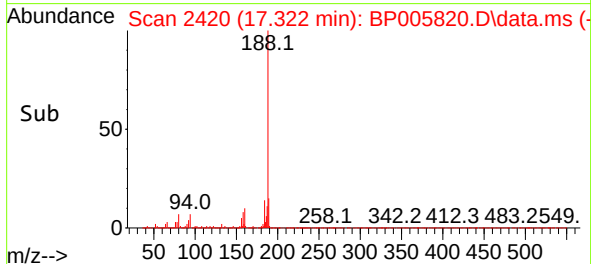
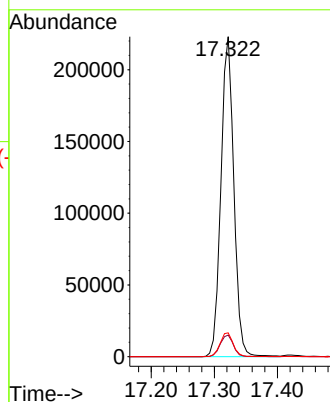
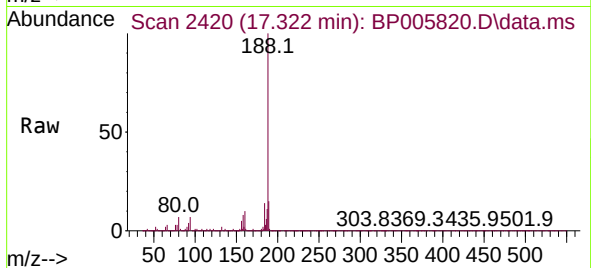




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.322 min Scan# 2420
Delta R.T. -0.006 min
Lab File: BP005820.D
Acq: 09 Jun 2021 21:27

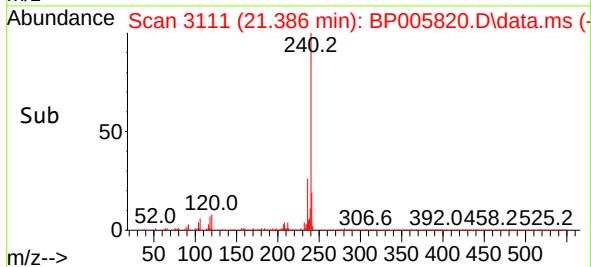
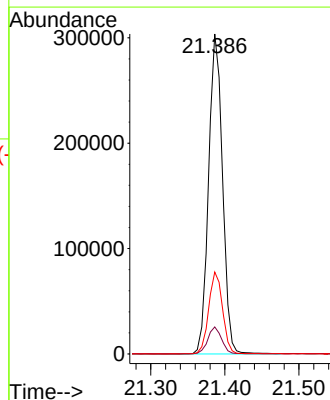
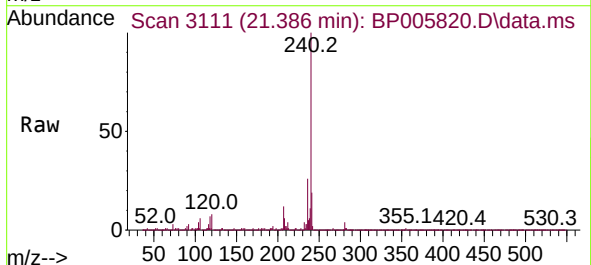
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18-B12(22-26)

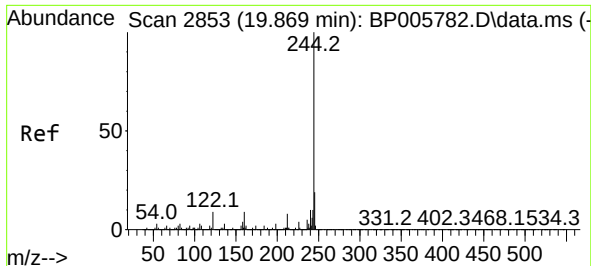
Tgt Ion:188 Resp: 315680
Ion Ratio Lower Upper
188 100
94 6.8 5.6 8.4
80 7.4 6.3 9.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.386 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BP005820.D
Acq: 09 Jun 2021 21:27

Tgt Ion:240 Resp: 396776
Ion Ratio Lower Upper
240 100
120 8.4 6.5 9.7
236 25.6 20.6 31.0

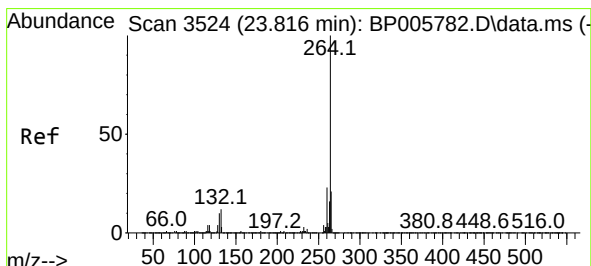
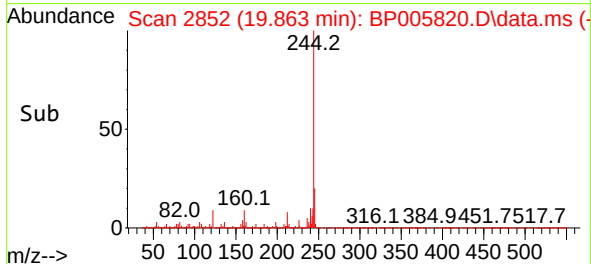
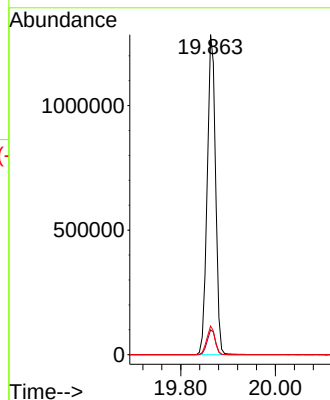
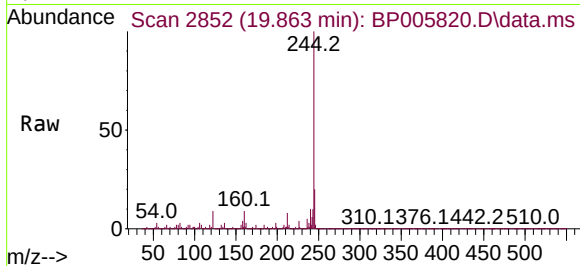




#79
Terphenyl-d14
Concen: 73.83 ng
RT: 19.863 min Scan# 2852
Delta R.T. -0.006 min
Lab File: BP005820.D
Acq: 09 Jun 2021 21:27

Instrument :
BNA_P
ClientSampleId :
18-B12(22-26)

Tgt Ion:244 Resp: 1564337
Ion Ratio Lower Upper
244 100
212 7.7 6.0 9.0
122 8.9 7.1 10.7



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.804 min Scan# 3522
Delta R.T. -0.012 min
Lab File: BP005820.D
Acq: 09 Jun 2021 21:27

Tgt Ion:264 Resp: 487814
Ion Ratio Lower Upper
264 100
260 24.2 18.6 28.0
265 22.1 17.6 26.4

