

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060921\
 Data File : BP005825.D
 Acq On : 10 Jun 2021 00:18
 Operator : CG/JU
 Sample : M2612-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 18-B12(42-46)

Quant Time: Jun 10 01:23:35 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)

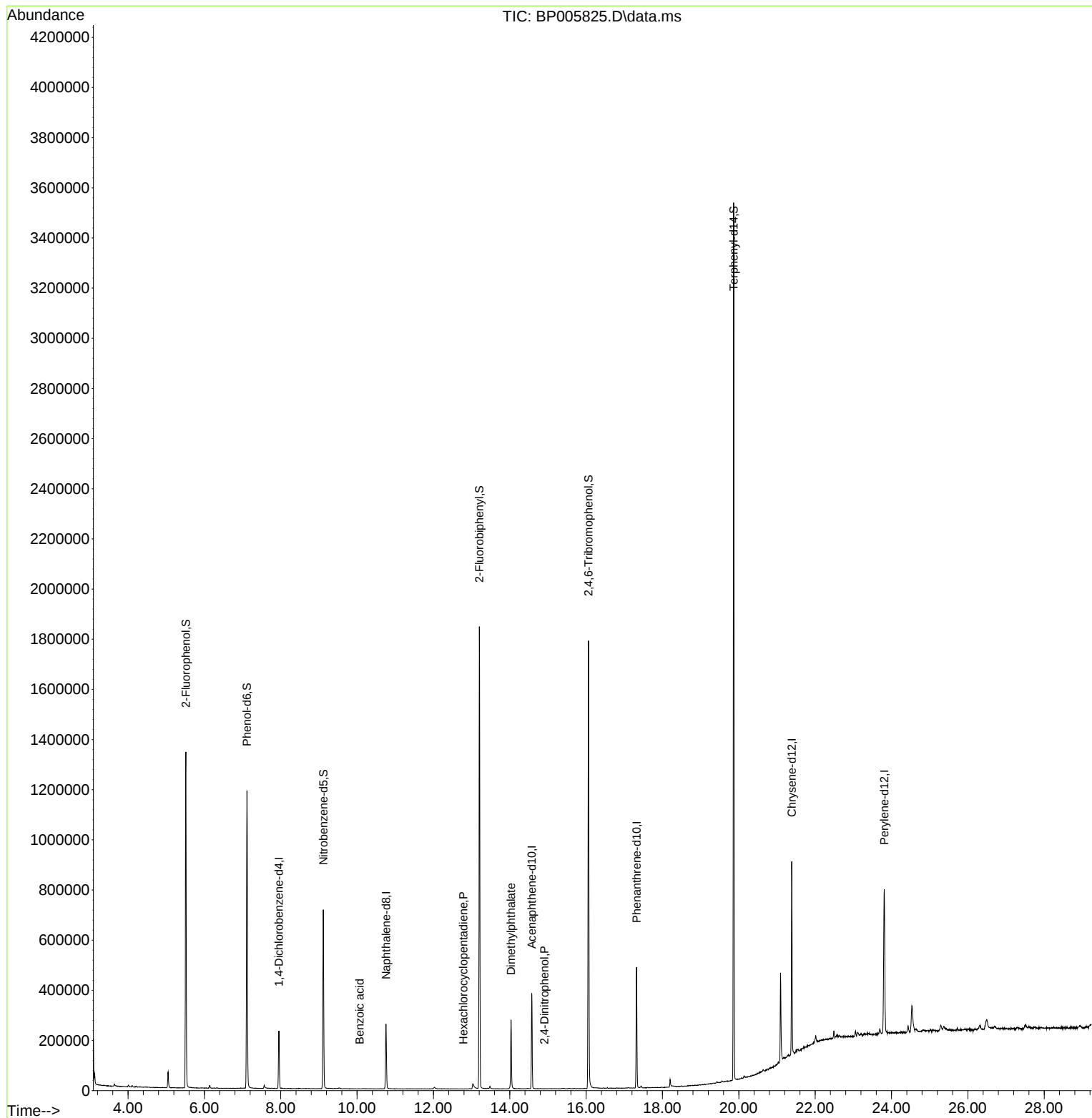
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	61698	20.00	ng	0.00
21) Naphthalene-d8	10.757	136	212896	20.00	ng	0.00
39) Acenaphthene-d10	14.575	164	131846	20.00	ng	0.00
64) Phenanthrene-d10	17.322	188	279380	20.00	ng	0.00
76) Chrysene-d12	21.386	240	368821	20.00	ng	0.00
86) Perylene-d12	23.810	264	453596	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	579131	150.62	ng	0.00
7) Phenol-d6	7.116	99	661076	132.65	ng	0.00
23) Nitrobenzene-d5	9.116	82	407472	93.84	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	359418	158.85	ng	0.00
45) 2-Fluorobiphenyl	13.204	172	899493	89.59	ng	-0.01
79) Terphenyl-d14	19.869	244	1603432	81.41	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.069	122	14	6.32	ng	# 1
41) Hexachlorocyclopentadiene	12.781	237	13	5.51	ng	95
50) Dimethylphthalate	14.034	163	171925	15.86	ng	99
54) 2,4-Dinitrophenol	14.910	184	17	4.86	ng	90

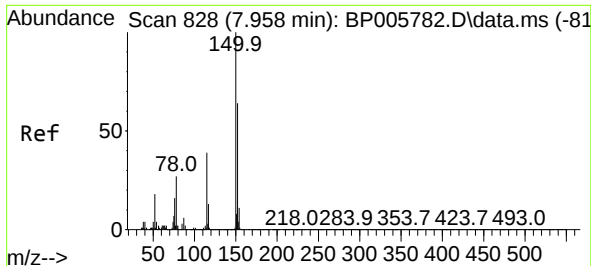
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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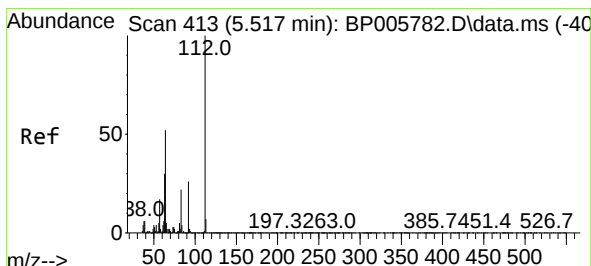
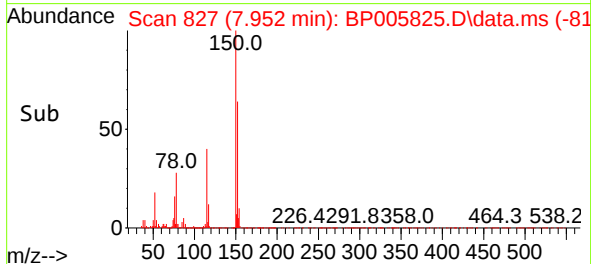
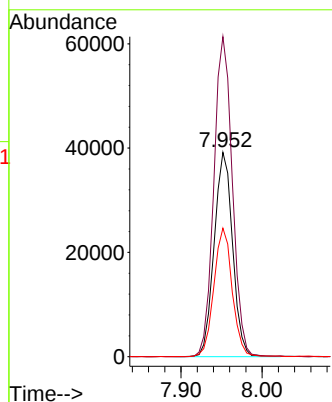
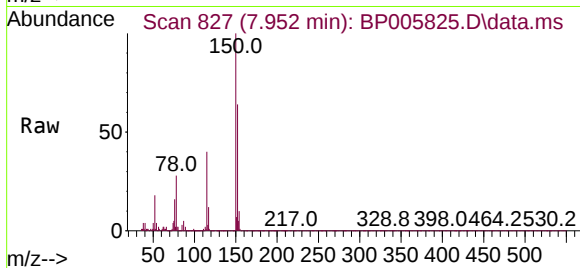




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.952 min Scan# 827
Delta R.T. -0.006 min
Lab File: BP005825.D
Acq: 10 Jun 2021 00:18

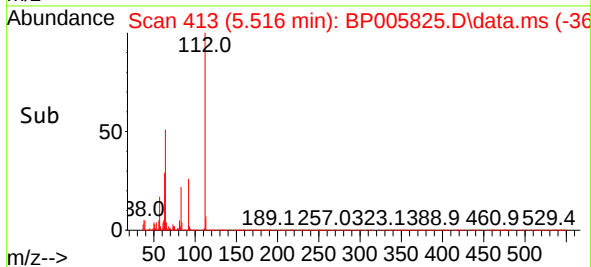
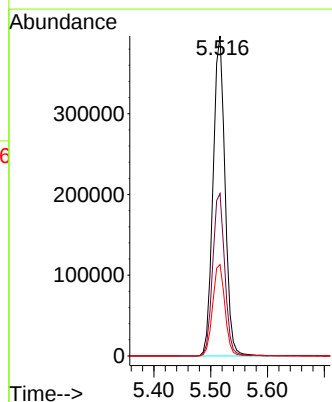
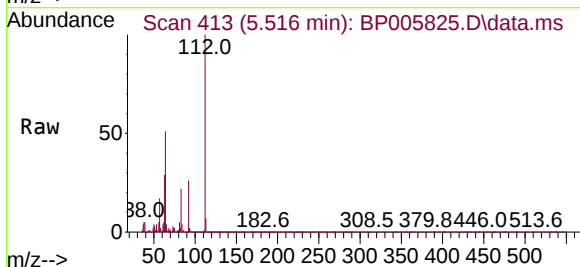
Instrument :
BNA_P
ClientSampleId :
18-B12(42-46)

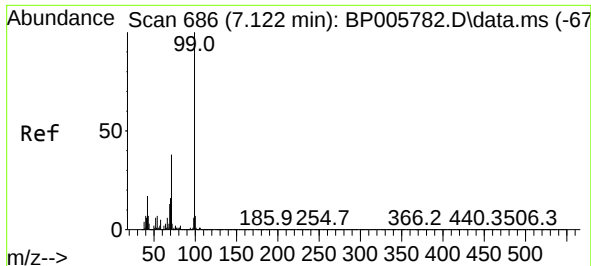
Tgt Ion:152 Resp: 61698
Ion Ratio Lower Upper
152 100
150 156.6 125.6 188.4
115 62.9 48.5 72.7



#5
2-Fluorophenol
Concen: 150.62 ng
RT: 5.516 min Scan# 413
Delta R.T. -0.001 min
Lab File: BP005825.D
Acq: 10 Jun 2021 00:18

Tgt Ion:112 Resp: 579131
Ion Ratio Lower Upper
112 100
64 50.7 41.4 62.2
63 28.5 23.8 35.8

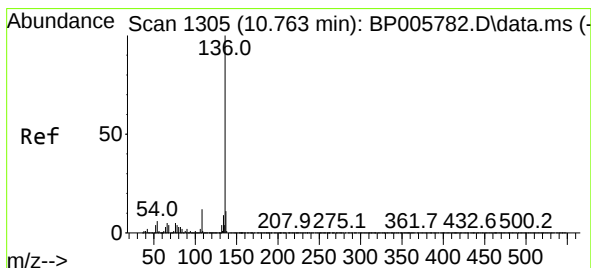
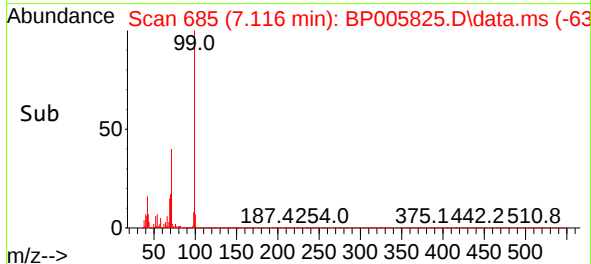
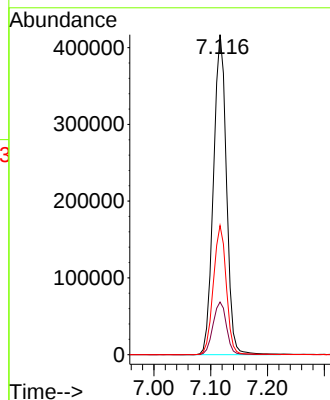
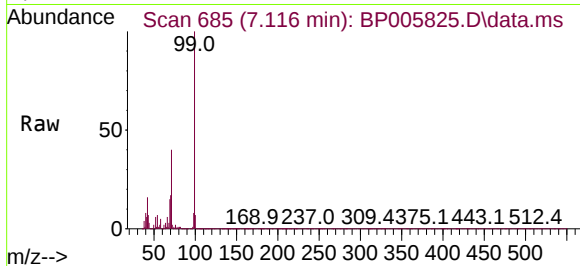




#7
Phenol-d6
Concen: 132.65 ng
RT: 7.116 min Scan# 685
Delta R.T. -0.006 min
Lab File: BP005825.D
Acq: 10 Jun 2021 00:18

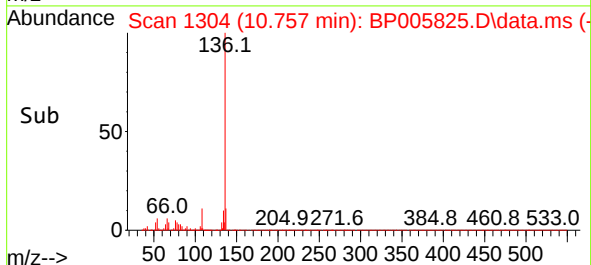
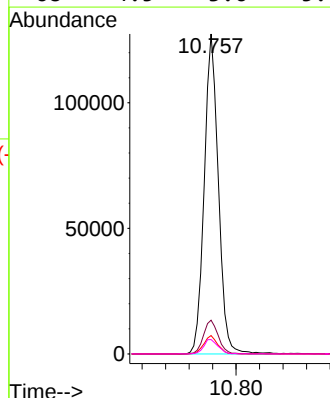
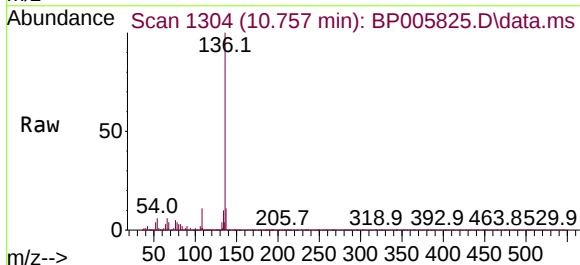
Instrument :
BNA_P
ClientSampleId :
18-B12(42-46)

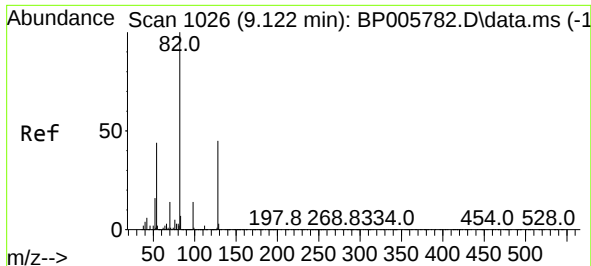
Tgt Ion:	99	Resp:	661076
Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.4	20.0
71	40.3	30.6	46.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BP005825.D
Acq: 10 Jun 2021 00:18

Tgt Ion:	136	Resp:	212896
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	12.8
54	5.7	4.6	6.8
68	4.5	3.6	5.4

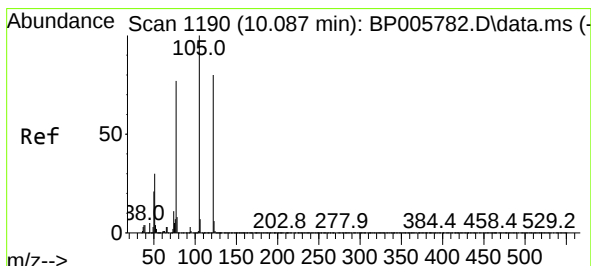
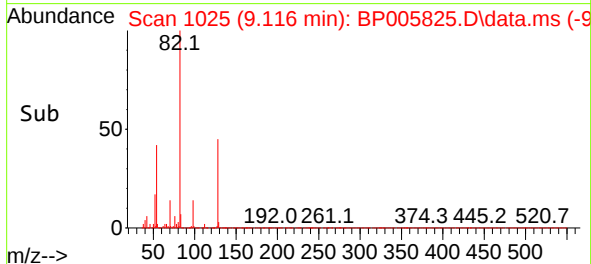
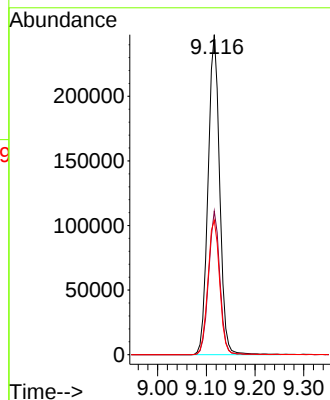
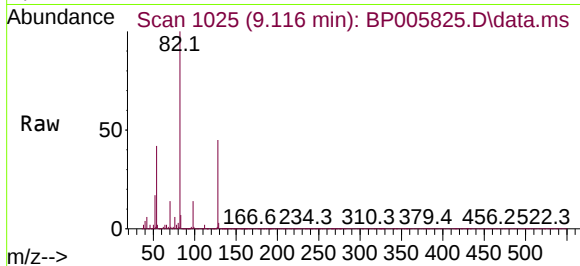




#23
Nitrobenzene-d5
Concen: 93.84 ng
RT: 9.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BP005825.D
Acq: 10 Jun 2021 00:18

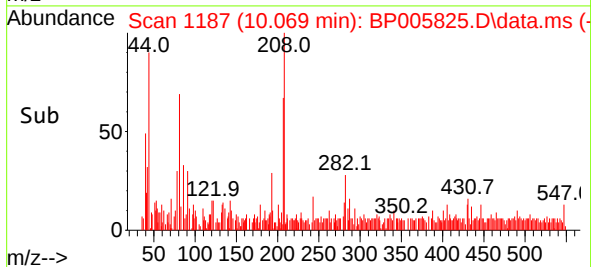
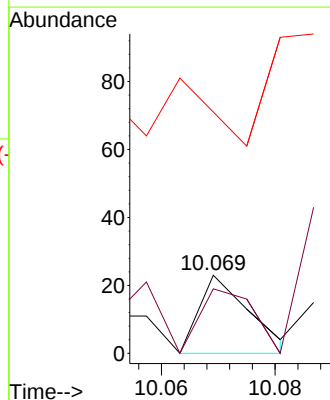
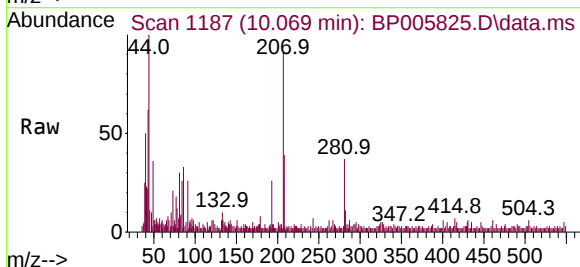
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18-B12(42-46)

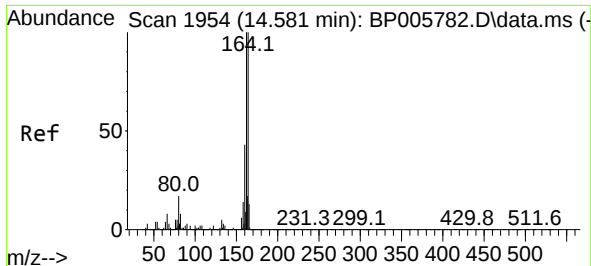
Tgt Ion: 82 Resp: 407472
Ion Ratio Lower Upper
82 100
128 44.9 35.7 53.5
54 41.9 35.0 52.4



#32
Benzoic acid
Concen: 6.32 ng
RT: 10.069 min Scan# 1187
Delta R.T. -0.018 min
Lab File: BP005825.D
Acq: 10 Jun 2021 00:18

Tgt Ion:122 Resp: 14
Ion Ratio Lower Upper
122 100
105 82.6 103.2 143.2#
77 308.7 76.2 116.2#

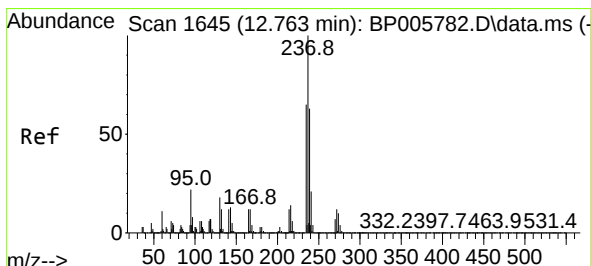
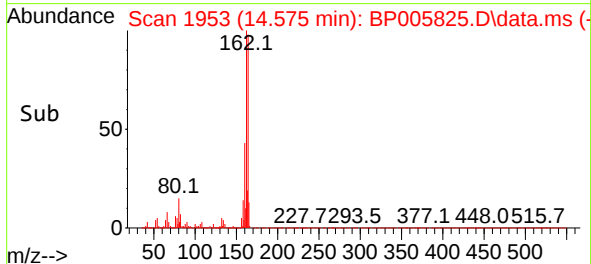
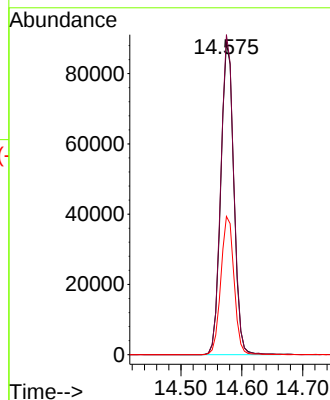
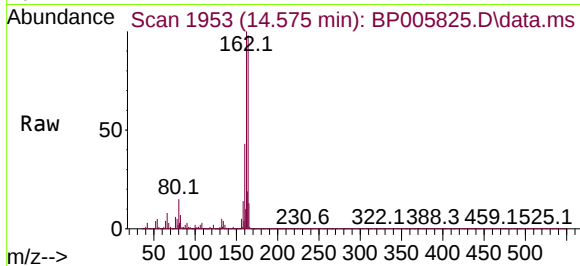




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.575 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BP005825.D
Acq: 10 Jun 2021 00:18

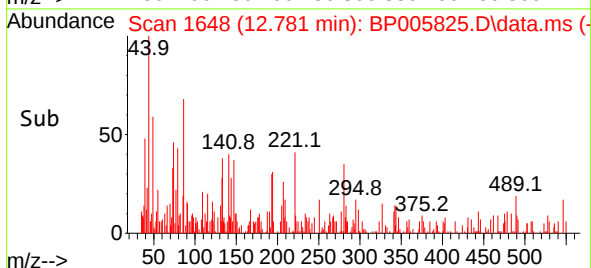
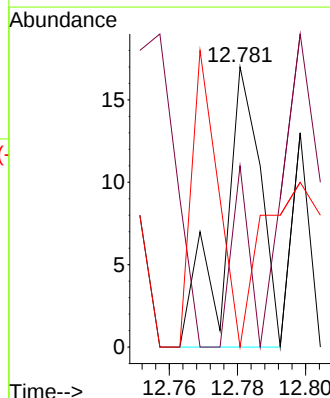
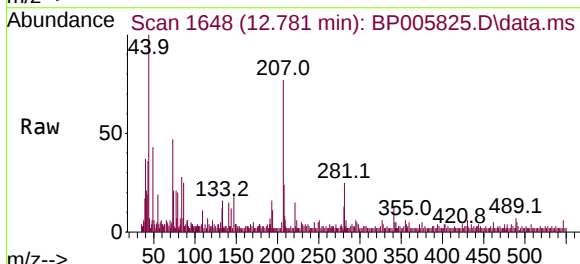
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ClientSampleId :
18-B12(42-46)

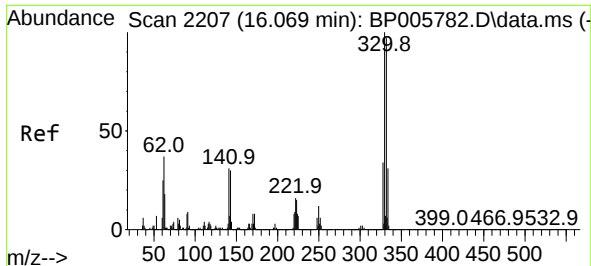
Tgt Ion:164 Resp: 131846
Ion Ratio Lower Upper
164 100
162 102.5 80.2 120.2
160 44.2 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 5.51 ng
RT: 12.781 min Scan# 1648
Delta R.T. 0.018 min
Lab File: BP005825.D
Acq: 10 Jun 2021 00:18

Tgt Ion:237 Resp: 13
Ion Ratio Lower Upper
237 100
235 64.7 44.5 84.5
272 0.0 0.0 32.5

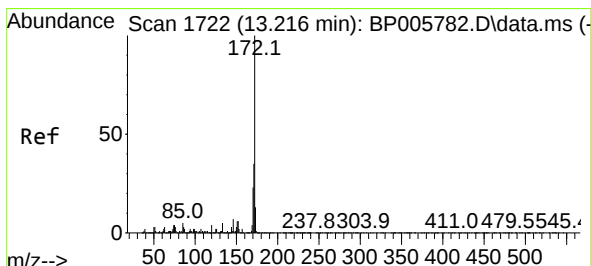
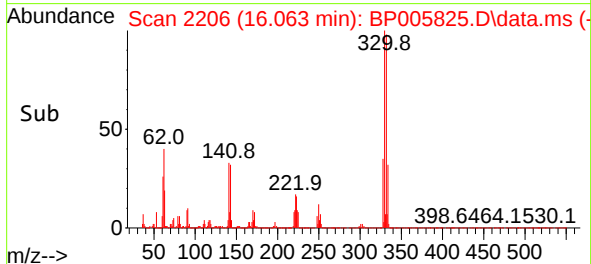
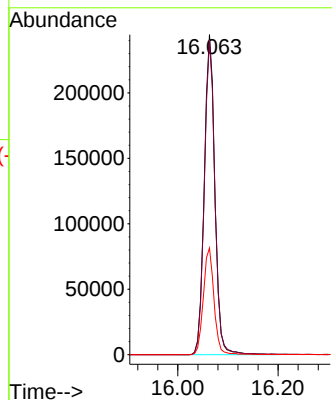
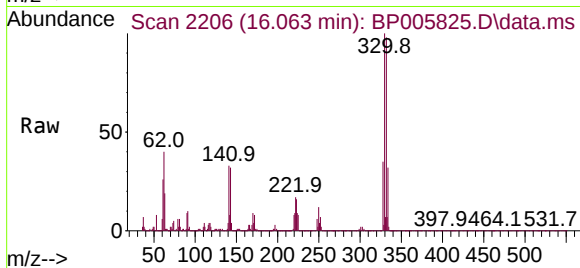




#42
2,4,6-Tribromophenol
Concen: 158.85 ng
RT: 16.063 min Scan# 2206
Delta R.T. -0.006 min
Lab File: BP005825.D
Acq: 10 Jun 2021 00:18

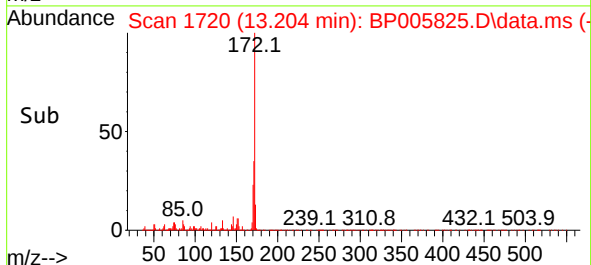
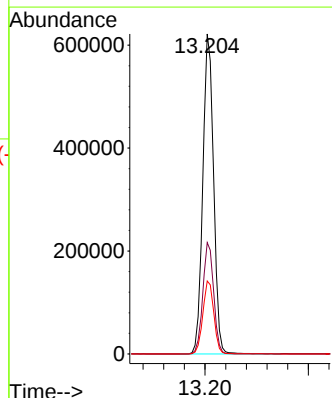
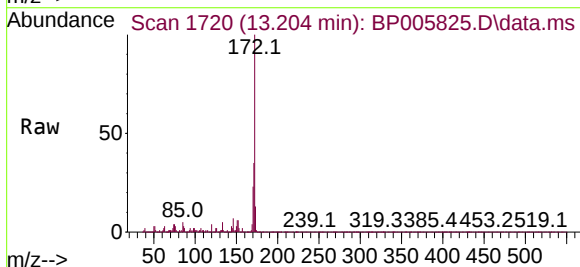
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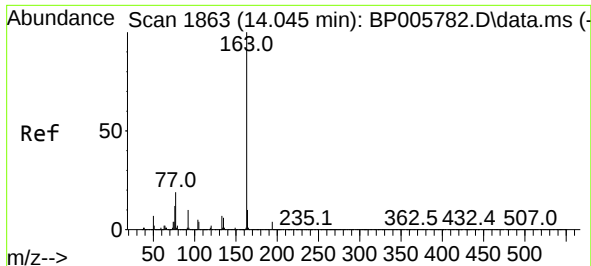
Tgt Ion:330 Resp: 359418
Ion Ratio Lower Upper
330 100
332 97.6 77.8 116.8
141 33.6 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 89.59 ng
RT: 13.204 min Scan# 1720
Delta R.T. -0.012 min
Lab File: BP005825.D
Acq: 10 Jun 2021 00:18

Tgt Ion:172 Resp: 899493
Ion Ratio Lower Upper
172 100
171 34.8 27.9 41.9
170 22.8 18.6 27.8

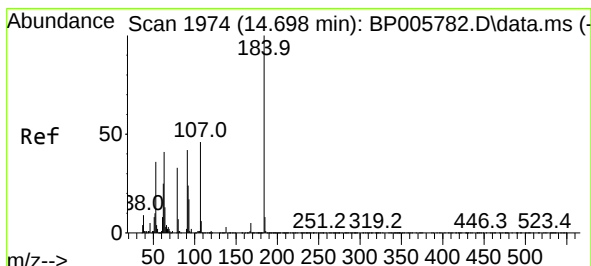
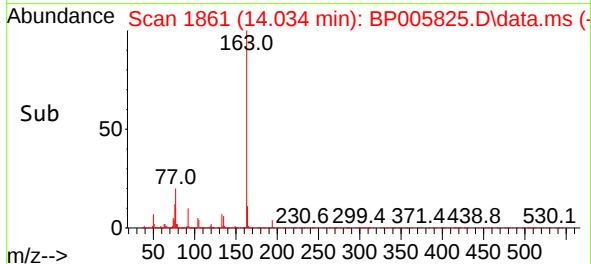
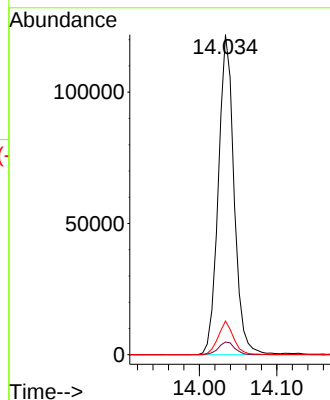
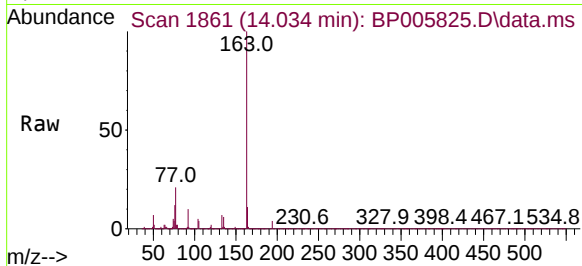




#50
Dimethylphthalate
Concen: 15.86 ng
RT: 14.034 min Scan# 1861
Delta R.T. -0.012 min
Lab File: BP005825.D
Acq: 10 Jun 2021 00:18

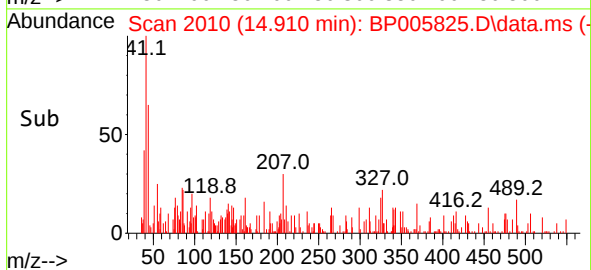
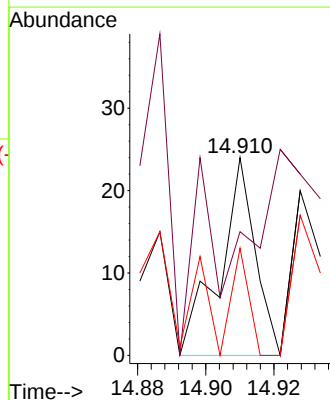
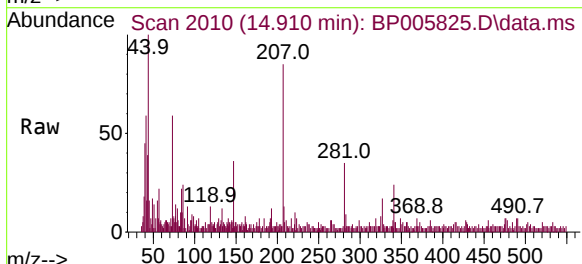
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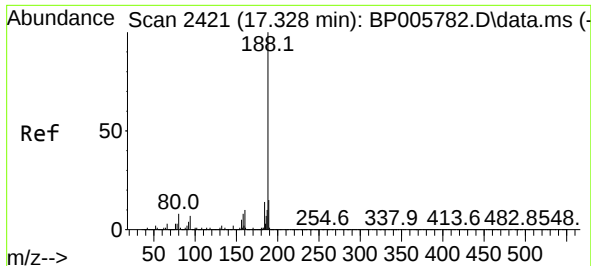
Tgt Ion:163	Resp:	171925
Ion Ratio	Lower	Upper
163	100	
194	4.0	3.4 5.2
164	10.5	8.2 12.2



#54
2,4-Dinitrophenol
Concen: 4.86 ng
RT: 14.910 min Scan# 2010
Delta R.T. 0.212 min
Lab File: BP005825.D
Acq: 10 Jun 2021 00:18

Tgt Ion:184	Resp:	17
Ion Ratio	Lower	Upper
184	100	
63	62.5	47.0 70.6
154	54.2	52.3 78.5

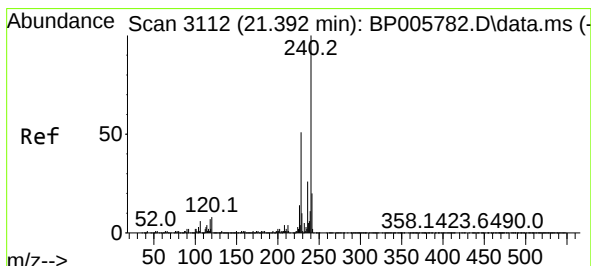
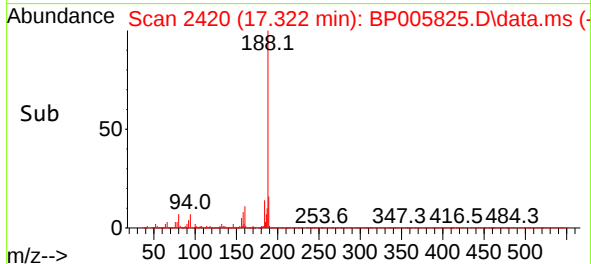
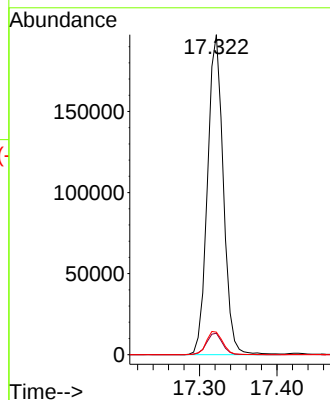
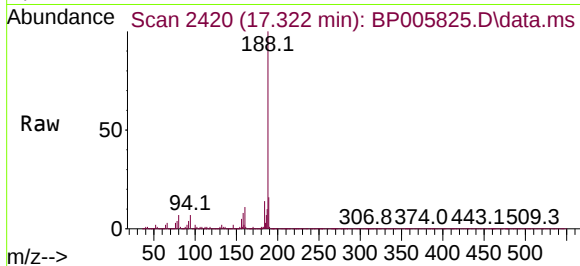




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.322 min Scan# 2420
Delta R.T. -0.006 min
Lab File: BP005825.D
Acq: 10 Jun 2021 00:18

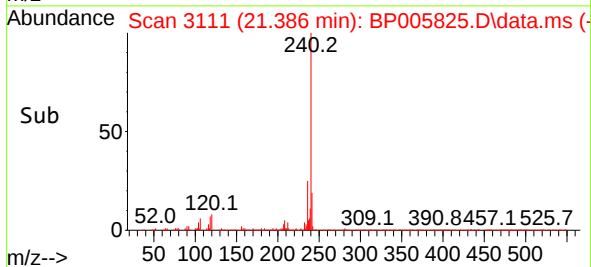
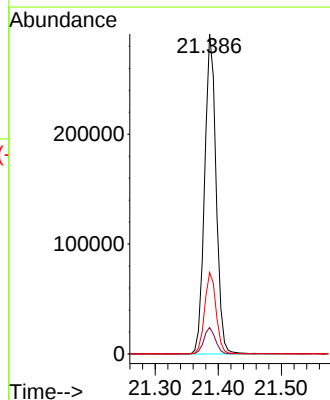
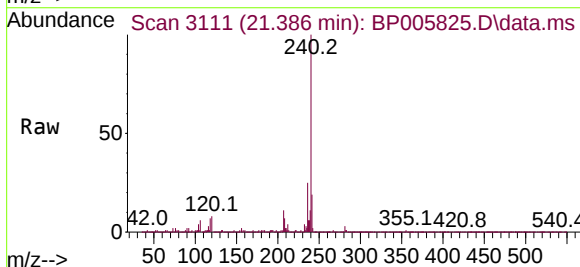
Instrument :
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18-B12(42-46)

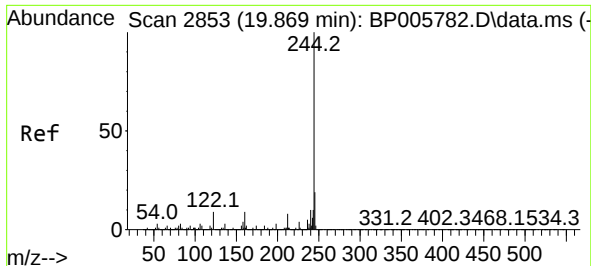
Tgt Ion:188 Resp: 279380
Ion Ratio Lower Upper
188 100
94 6.7 5.6 8.4
80 7.1 6.3 9.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.386 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BP005825.D
Acq: 10 Jun 2021 00:18

Tgt Ion:240 Resp: 368821
Ion Ratio Lower Upper
240 100
120 8.3 6.5 9.7
236 25.4 20.6 31.0



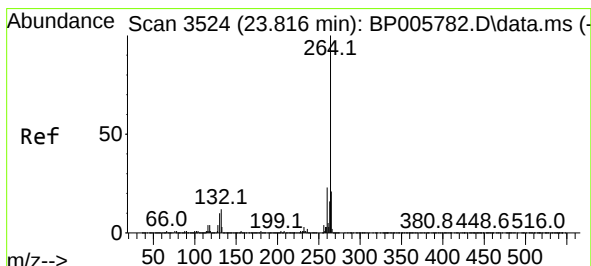
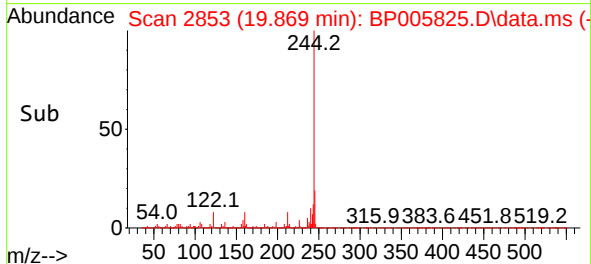
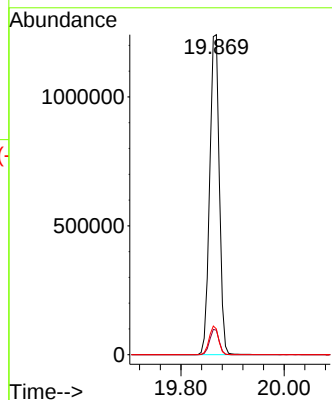
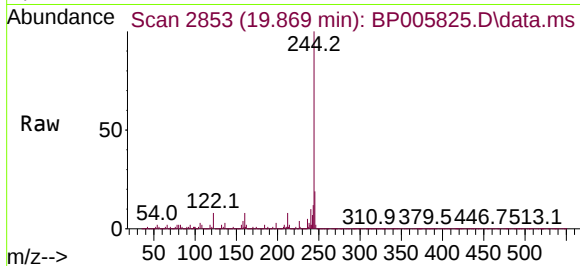


#79
 Terphenyl-d14
 Concen: 81.41 ng
 RT: 19.869 min Scan# 2853
 Delta R.T. -0.000 min
 Lab File: BP005825.D
 Acq: 10 Jun 2021 00:18

Instrument :
 BNA_P
 ClientSampleId :
 18-B12(42-46)

Tgt Ion:244 Resp: 1603432

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	8.1	7.1	10.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.810 min Scan# 3523
 Delta R.T. -0.006 min
 Lab File: BP005825.D
 Acq: 10 Jun 2021 00:18

Tgt Ion:264 Resp: 453596

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	28.0
265	21.3	17.6	26.4

