

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061421\
 Data File : BP005916.D
 Acq On : 14 Jun 2021 20:55
 Operator : CG/JU
 Sample : M2625-26RE
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 18-B12(158-162)RE

Quant Time: Jun 15 04:17:57 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 14 13:15:03 2021
 Response via : Initial Calibration

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

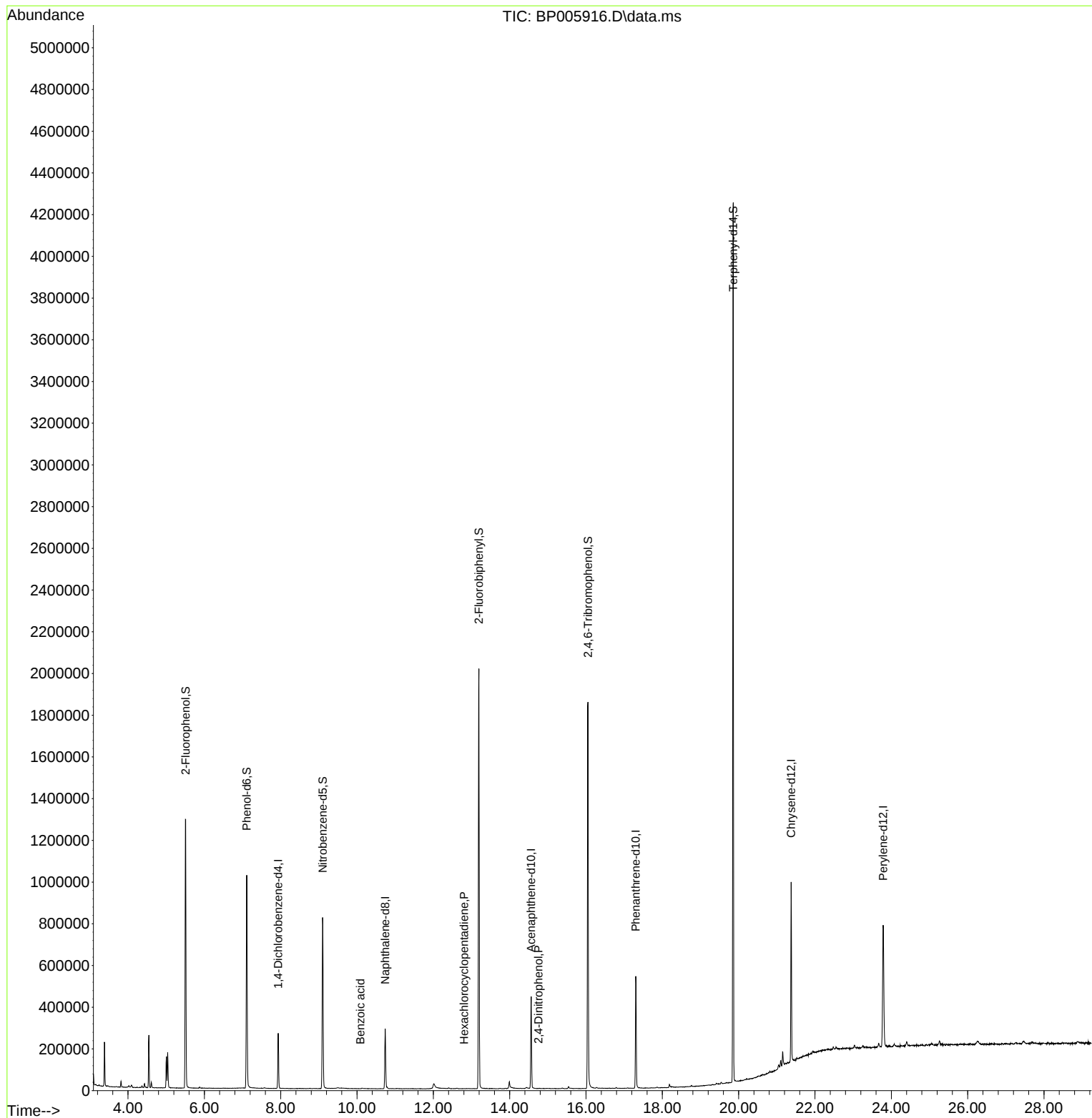
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	70866	20.00	ng	0.00
21) Naphthalene-d8	10.740	136	249796	20.00	ng	0.00
39) Acenaphthene-d10	14.563	164	149551	20.00	ng	0.00
64) Phenanthrene-d10	17.304	188	327947	20.00	ng	0.00
76) Chrysene-d12	21.374	240	405575	20.00	ng	0.00
86) Perylene-d12	23.786	264	474520	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	580942	131.54	ng	0.00
7) Phenol-d6	7.110	99	581315	101.55	ng	0.00
23) Nitrobenzene-d5	9.099	82	483882	94.97	ng	0.00
42) 2,4,6-Tribromophenol	16.051	330	396494	154.49	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	1060798	93.14	ng	0.00
79) Terphenyl-d14	19.857	244	1973639	91.12	ng	0.00
Target Compounds						
32) Benzoic acid	10.087	122	19	6.33	ng	Qvalue # 1
41) Hexachlorocyclopentadiene	12.810	237	25	5.51	ng	91
54) 2,4-Dinitrophenol	14.757	184	23	4.86	ng	93

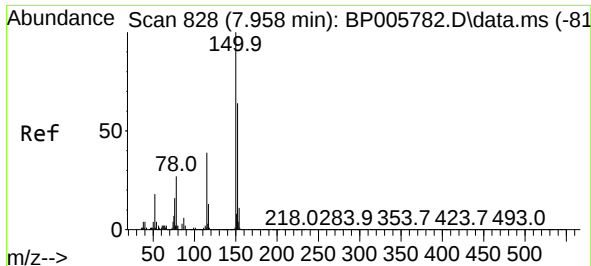
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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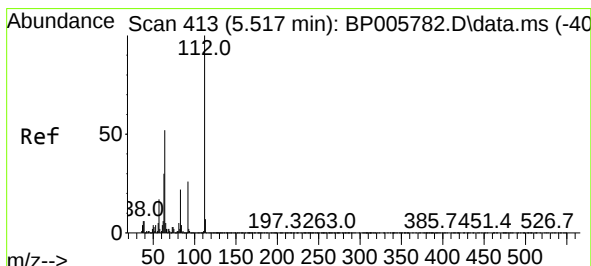
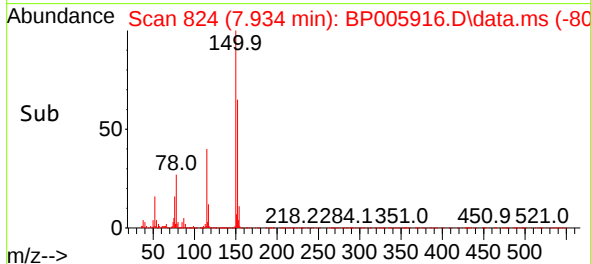
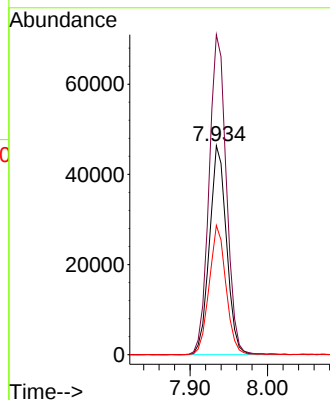
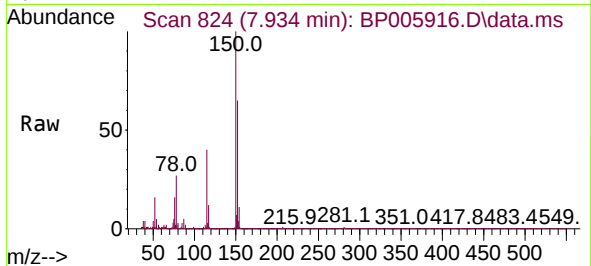




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.934 min Scan# 824
Delta R.T. -0.006 min
Lab File: BP005916.D
Acq: 14 Jun 2021 20:55

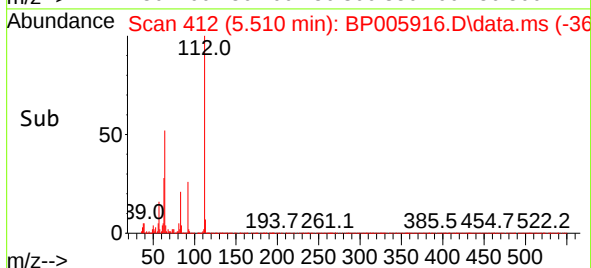
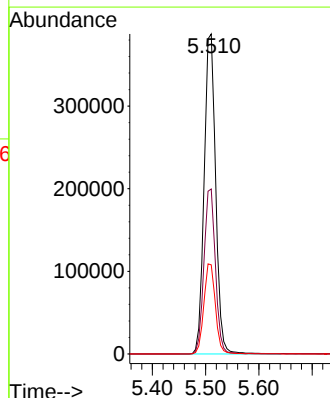
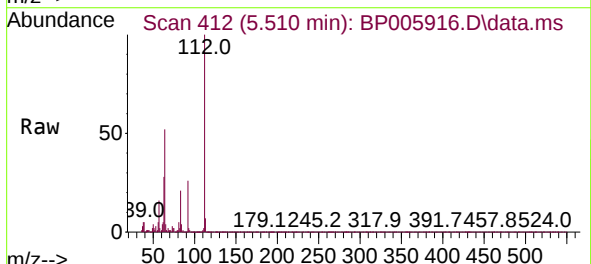
Instrument :
BNA_P
ClientSampleId :
18-B12(158-162)RE

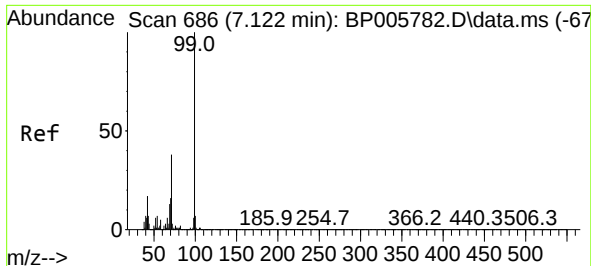
Tgt Ion:152 Resp: 70866
Ion Ratio Lower Upper
152 100
150 153.1 125.6 188.4
115 61.8 48.5 72.7



#5
2-Fluorophenol
Concen: 131.54 ng
RT: 5.510 min Scan# 412
Delta R.T. 0.000 min
Lab File: BP005916.D
Acq: 14 Jun 2021 20:55

Tgt Ion:112 Resp: 580942
Ion Ratio Lower Upper
112 100
64 51.5 41.4 62.2
63 27.8 23.8 35.8

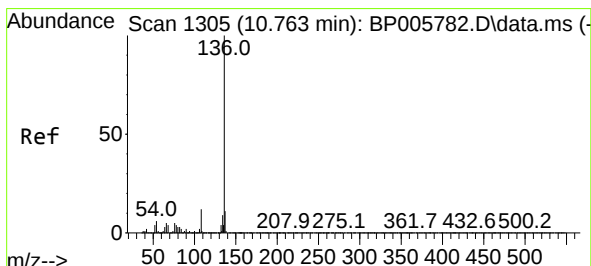
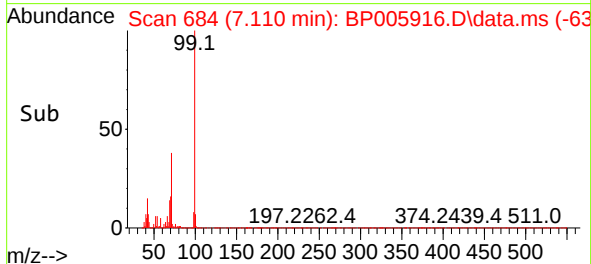
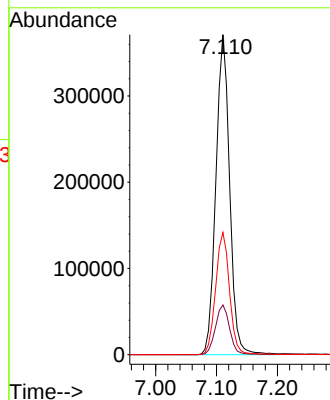
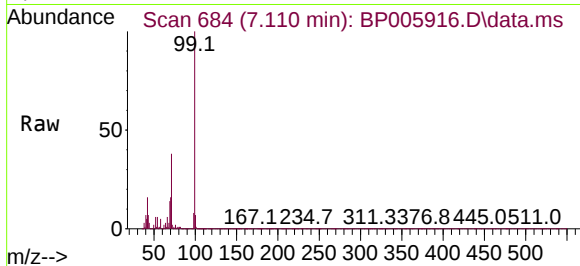




#7
Phenol-d6
Concen: 101.55 ng
RT: 7.110 min Scan# 684
Delta R.T. -0.006 min
Lab File: BP005916.D
Acq: 14 Jun 2021 20:55

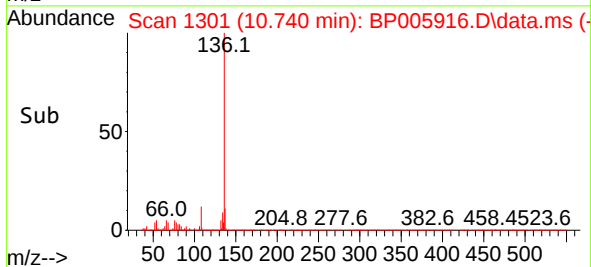
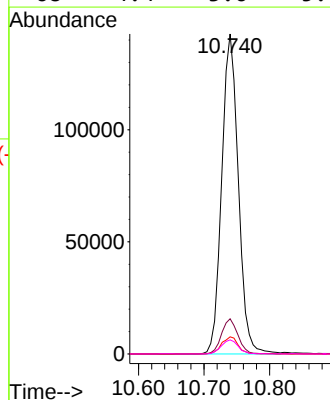
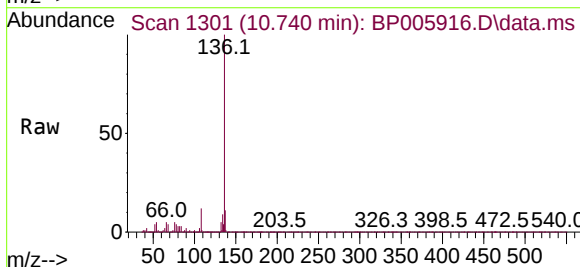
Instrument :
BNA_P
ClientSampleId :
18-B12(158-162)RE

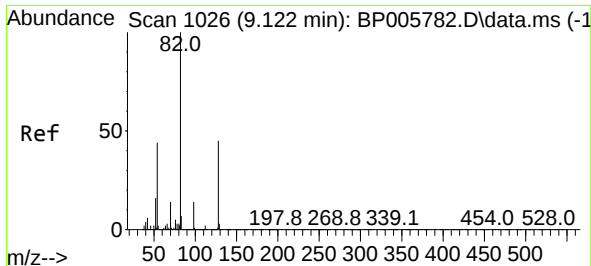
Tgt Ion: 99	Resp: 581315
Ion Ratio	Lower Upper
99 100	
42 15.5	13.4 20.0
71 38.2	30.6 46.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.740 min Scan# 1301
Delta R.T. -0.006 min
Lab File: BP005916.D
Acq: 14 Jun 2021 20:55

Tgt Ion: 136	Resp: 249796
Ion Ratio	Lower Upper
136 100	
137 11.0	8.6 12.8
54 5.4	4.6 6.8
68 4.4	3.6 5.4

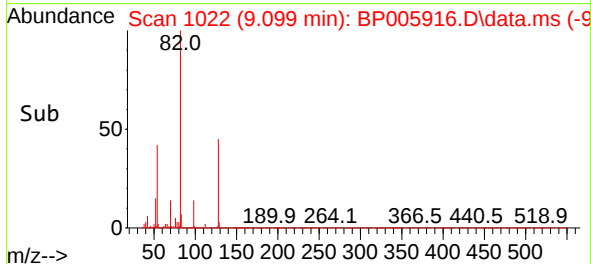
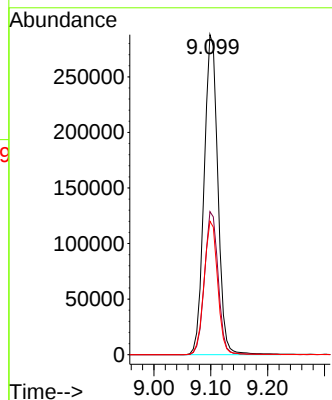
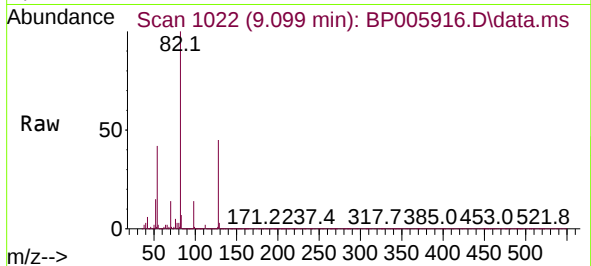




#23
Nitrobenzene-d5
Concen: 94.97 ng
RT: 9.099 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BP005916.D
Acq: 14 Jun 2021 20:55

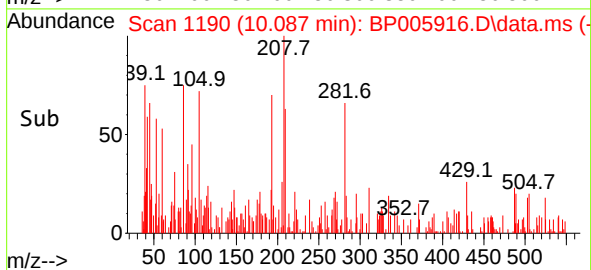
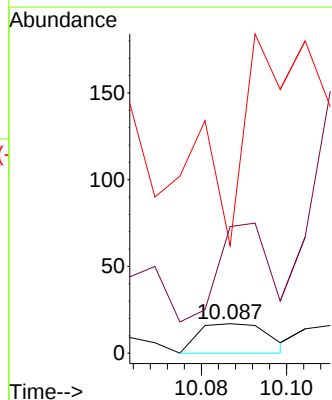
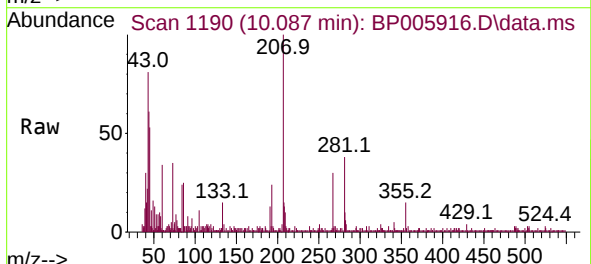
Instrument :
BNA_P
ClientSampleId :
18-B12(158-162)RE

Tgt Ion: 82 Resp: 483882
Ion Ratio Lower Upper
82 100
128 44.7 35.7 53.5
54 41.7 35.0 52.4



#32
Benzoic acid
Concen: 6.33 ng
RT: 10.087 min Scan# 1190
Delta R.T. 0.006 min
Lab File: BP005916.D
Acq: 14 Jun 2021 20:55

Tgt Ion: 122 Resp: 19
Ion Ratio Lower Upper
122 100
105 429.4 103.2 143.2#
77 364.7 76.2 116.2#

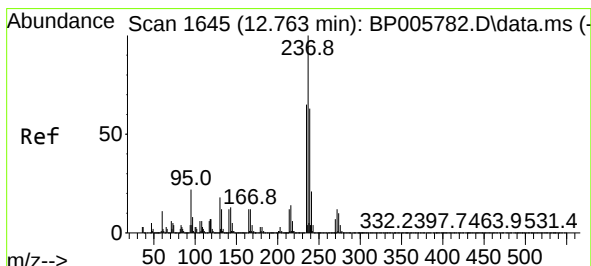
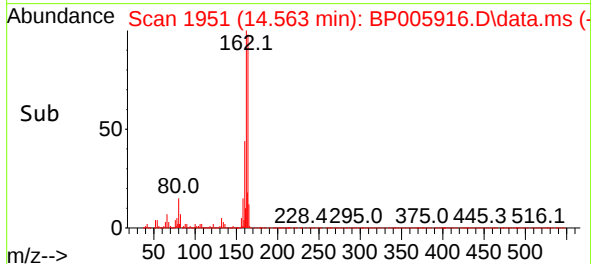
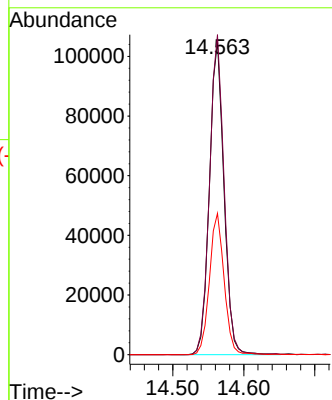
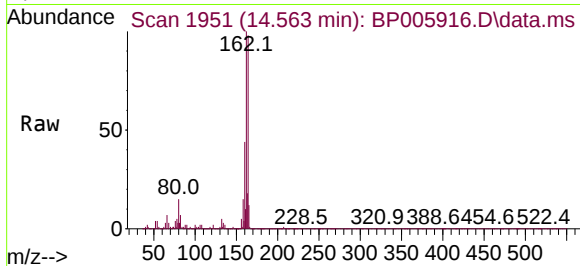




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.563 min Scan# 1951
Delta R.T. 0.000 min
Lab File: BP005916.D
Acq: 14 Jun 2021 20:55

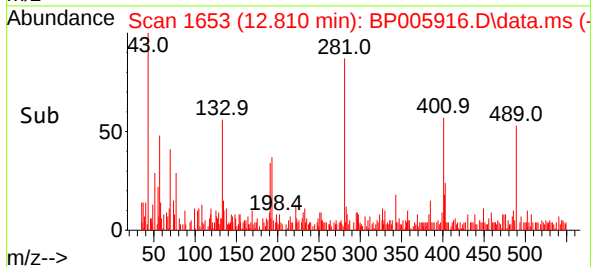
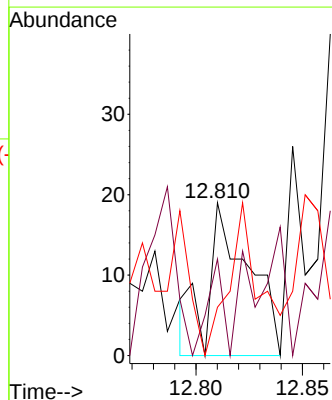
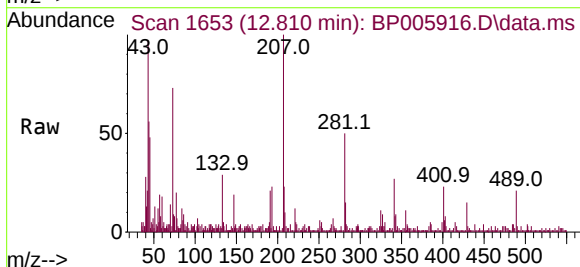
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BNA_P
ClientSampleId :
18-B12(158-162)RE

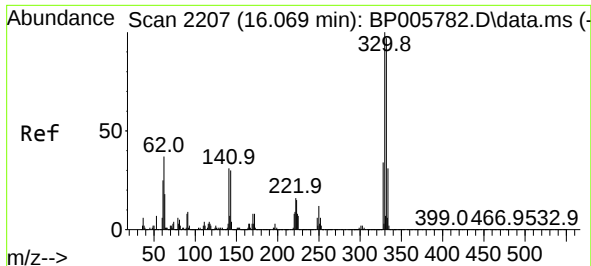
Tgt Ion:164 Resp: 149551
Ion Ratio Lower Upper
164 100
162 102.2 80.2 120.2
160 45.1 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 5.51 ng
RT: 12.810 min Scan# 1653
Delta R.T. 0.065 min
Lab File: BP005916.D
Acq: 14 Jun 2021 20:55

Tgt Ion:237 Resp: 25
Ion Ratio Lower Upper
237 100
235 63.2 44.5 84.5
272 31.6 0.0 32.5

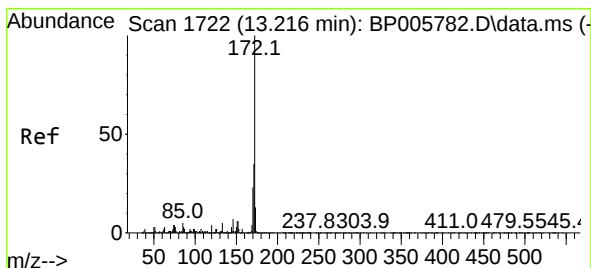
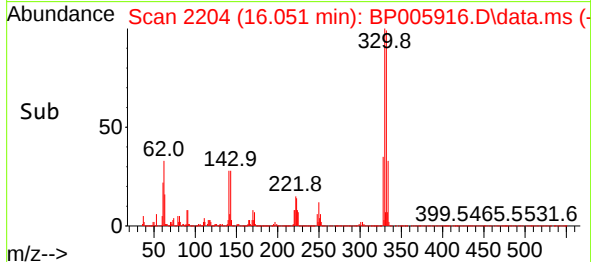
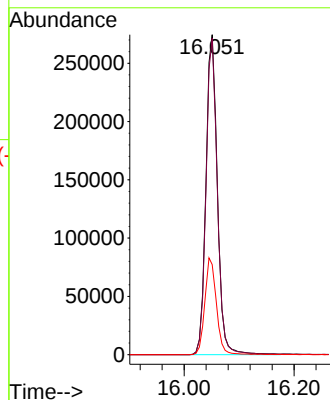
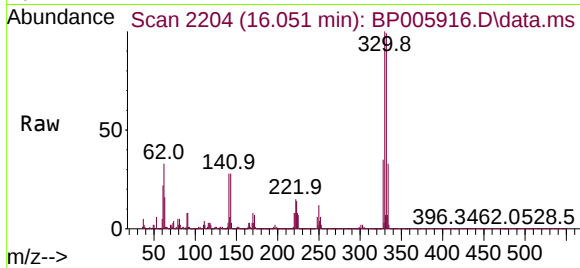




#42
2,4,6-Tribromophenol
Concen: 154.49 ng
RT: 16.051 min Scan# 2204
Delta R.T. 0.000 min
Lab File: BP005916.D
Acq: 14 Jun 2021 20:55

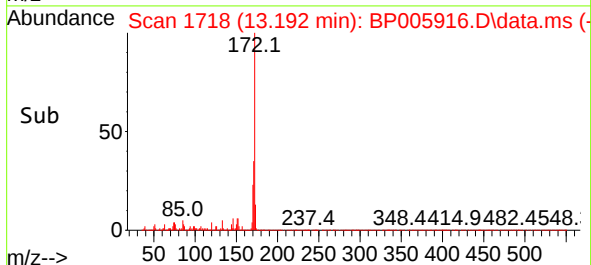
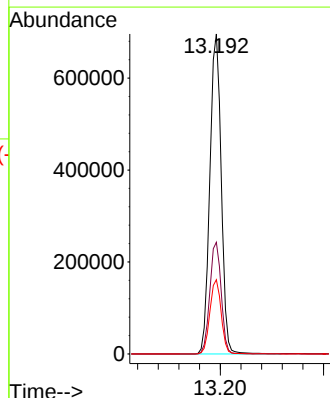
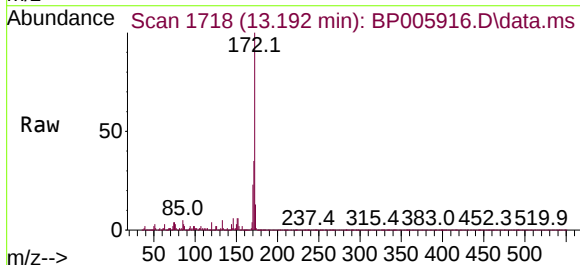
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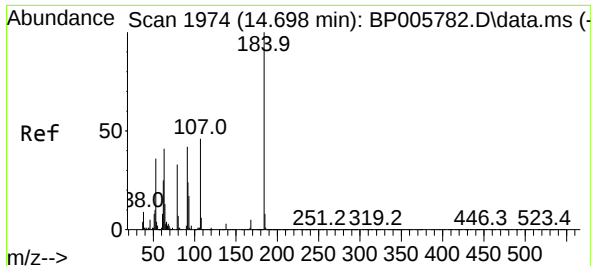
Tgt Ion:330 Resp: 396494
Ion Ratio Lower Upper
330 100
332 97.6 77.8 116.8
141 30.7 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 93.14 ng
RT: 13.192 min Scan# 1718
Delta R.T. 0.000 min
Lab File: BP005916.D
Acq: 14 Jun 2021 20:55

Tgt Ion:172 Resp: 1060798
Ion Ratio Lower Upper
172 100
171 34.9 27.9 41.9
170 23.2 18.6 27.8

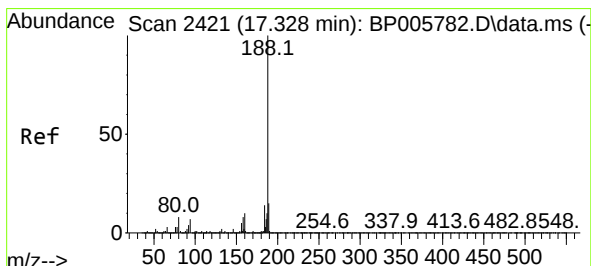
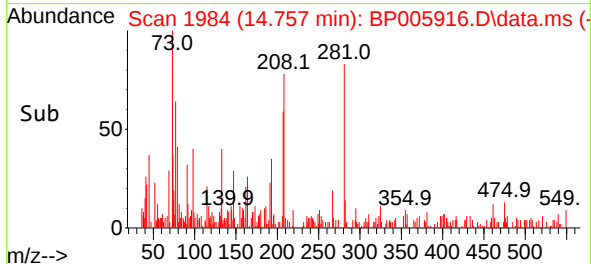
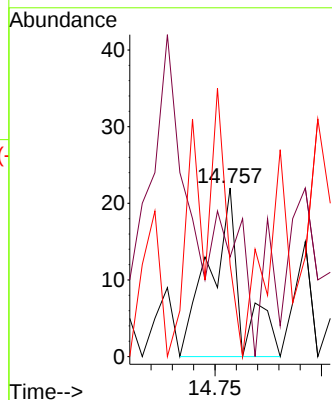
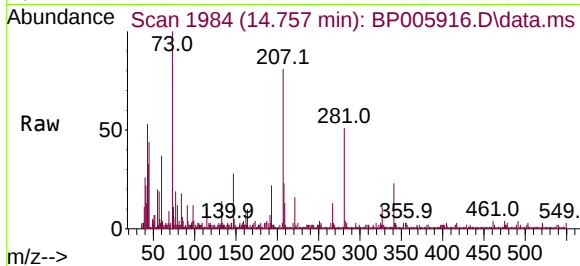




#54
2,4-Dinitrophenol
Concen: 4.86 ng
RT: 14.757 min Scan# 1984
Delta R.T. 0.071 min
Lab File: BP005916.D
Acq: 14 Jun 2021 20:55

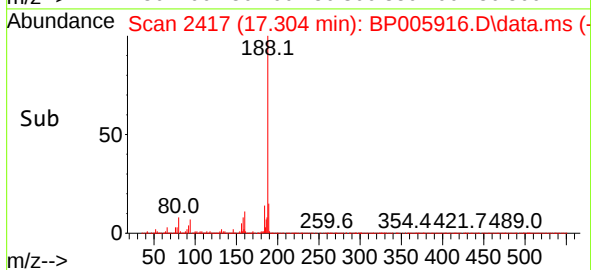
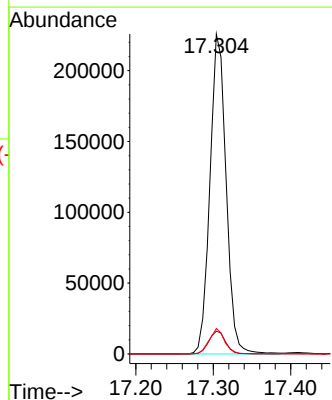
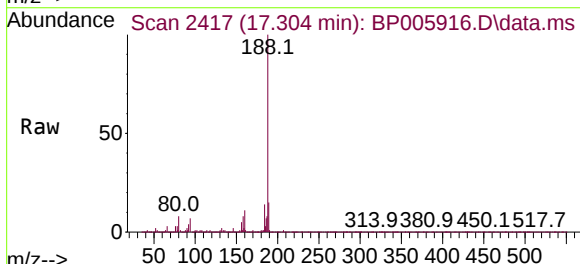
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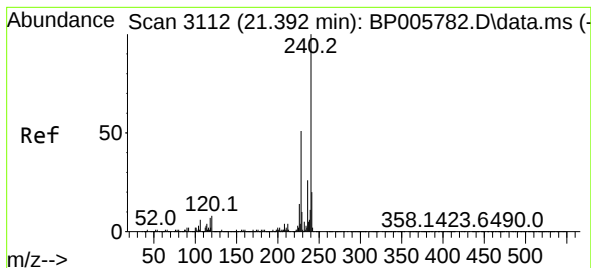
Tgt Ion:184	Resp:	23	
Ion	Ratio	Lower	Upper
184	100		
63	59.1	47.0	70.6
154	54.5	52.3	78.5



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.304 min Scan# 2417
Delta R.T. -0.006 min
Lab File: BP005916.D
Acq: 14 Jun 2021 20:55

Tgt Ion:188	Resp:	327947	
Ion Ratio	Lower	Upper	
188	100		
94	7.2	5.6	8.4
80	8.0	6.3	9.5





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.374 min Scan# 3109

Delta R.T. -0.006 min

Lab File: BP005916.D

Acq: 14 Jun 2021 20:55

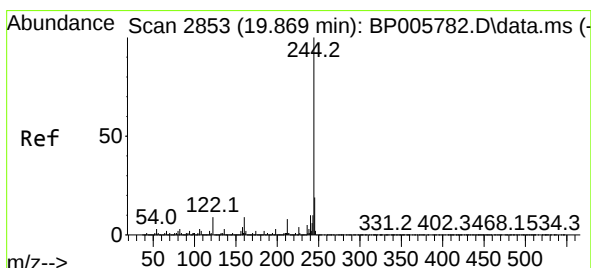
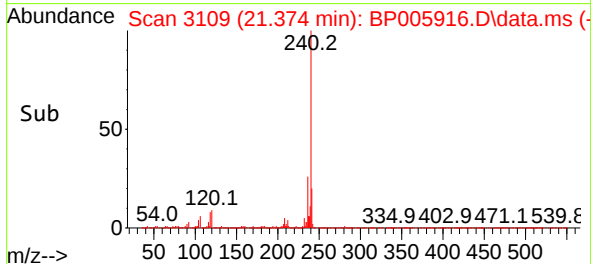
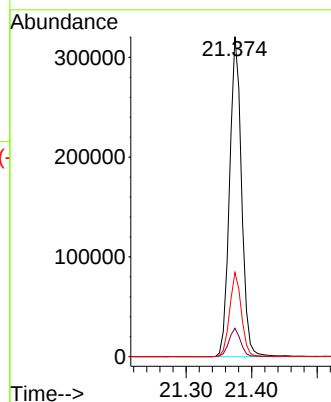
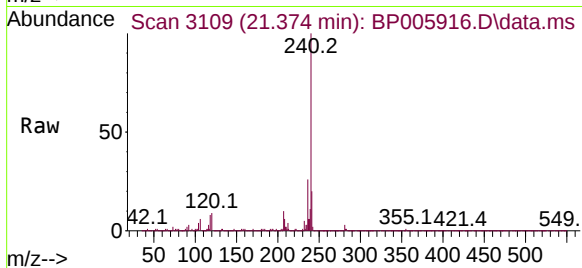
Instrument :

BNA_P

ClientSampleId :

18-B12(158-162)RE

Tgt Ion:240	Resp: 405575
Ion Ratio	Lower Upper
240 100	
120 8.9	6.5 9.7
236 26.3	20.6 31.0



#79

Terphenyl-d14

Concen: 91.12 ng

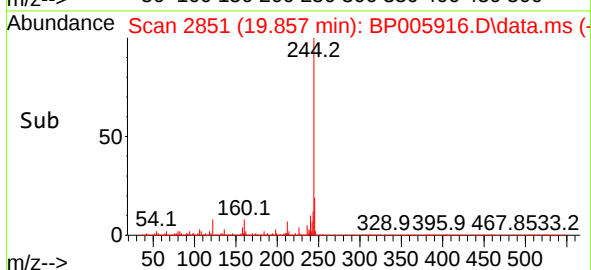
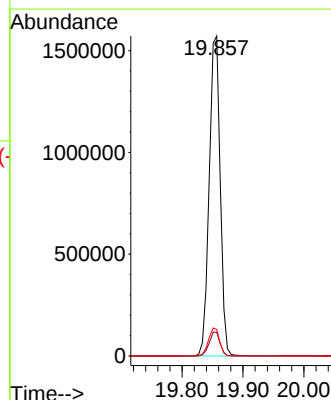
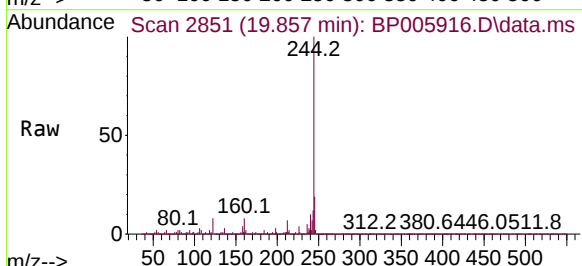
RT: 19.857 min Scan# 2851

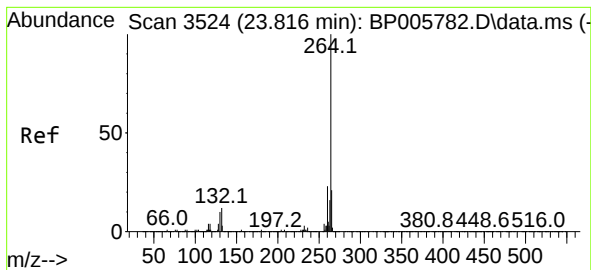
Delta R.T. 0.000 min

Lab File: BP005916.D

Acq: 14 Jun 2021 20:55

Tgt Ion:244	Resp: 1973639
Ion Ratio	Lower Upper
244 100	
212 7.4	6.0 9.0
122 8.3	7.1 10.7





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.786 min Scan# 3519
Delta R.T. -0.006 min
Lab File: BP005916.D
Acq: 14 Jun 2021 20:55

Instrument :
BNA_P
ClientSampleId :
18-B12(158-162)RE

Tgt Ion:264 Resp: 474520

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	22.0	17.6	26.4

