

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061421\
 Data File : BP005920.D
 Acq On : 14 Jun 2021 23:11
 Operator : CG/JU
 Sample : M2651-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 17-B6(4-8)

Quant Time: Jun 15 04:18:41 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)

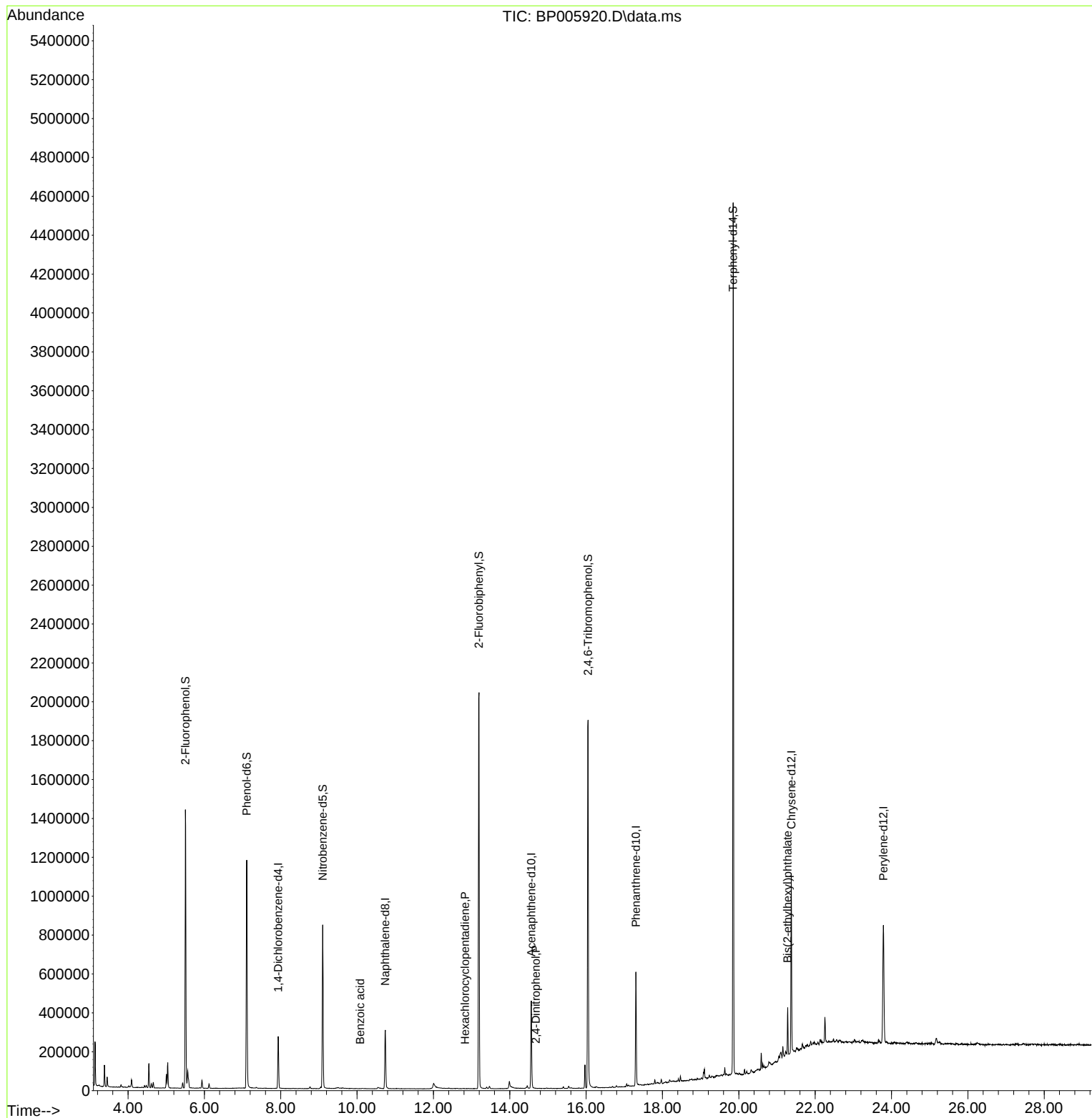
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	71530	20.00	ng	0.00
21) Naphthalene-d8	10.740	136	263393	20.00	ng	0.00
39) Acenaphthene-d10	14.563	164	161178	20.00	ng	0.00
64) Phenanthrene-d10	17.304	188	345451	20.00	ng	0.00
76) Chrysene-d12	21.375	240	428349	20.00	ng	0.00
86) Perylene-d12	23.786	264	489931	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.505	112	627765	140.83	ng	0.00
7) Phenol-d6	7.111	99	667585	115.54	ng	0.00
23) Nitrobenzene-d5	9.099	82	493099	91.78	ng	0.00
42) 2,4,6-Tribromophenol	16.051	330	419816	151.78	ng	0.00
45) 2-Fluorobiphenyl	13.193	172	1082885	88.22	ng	0.00
79) Terphenyl-d14	19.851	244	2091951	91.45	ng	0.00
Target Compounds						
32) Benzoic acid	10.081	122	14	6.32	ng	Qvalue # 2
41) Hexachlorocyclopentadiene	12.828	237	50	5.52	ng	88
54) 2,4-Dinitrophenol	14.687	184	31	4.87	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.280	149	84610	4.69	ng	100

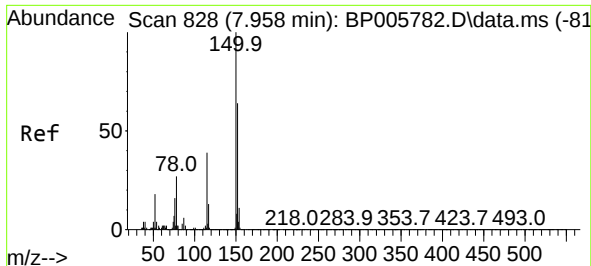
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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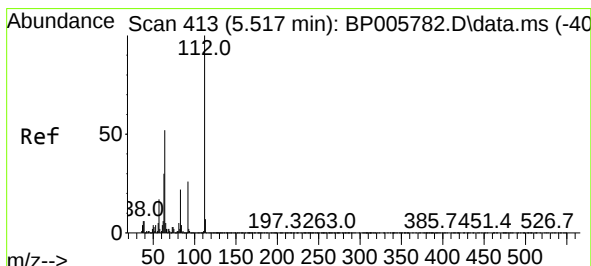
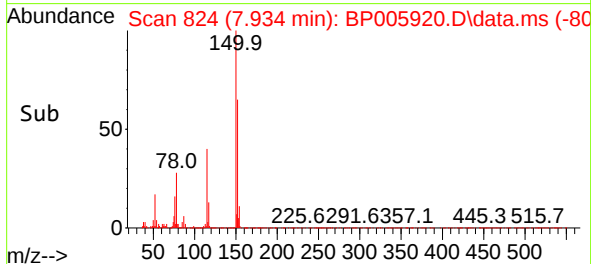
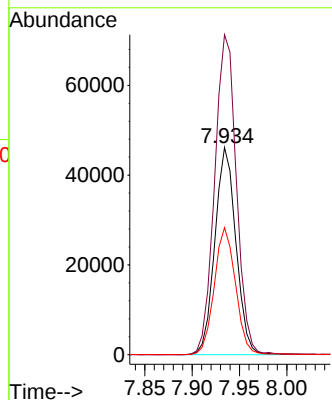
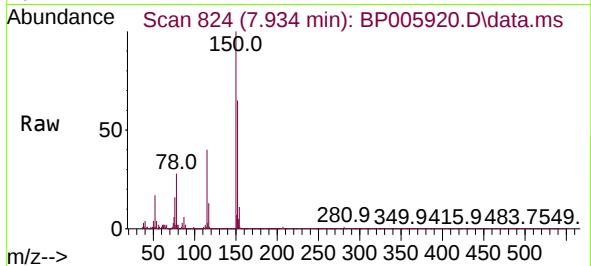




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.934 min Scan# 824
Delta R.T. -0.006 min
Lab File: BP005920.D
Acq: 14 Jun 2021 23:11

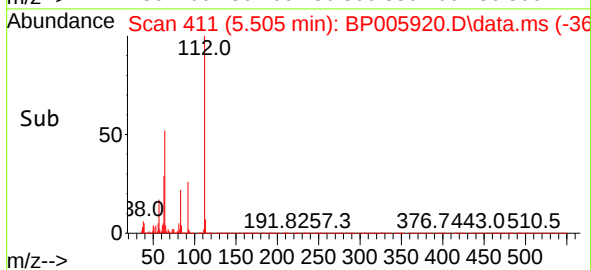
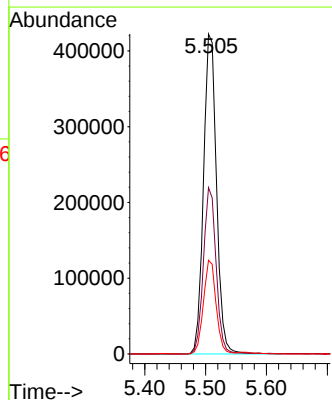
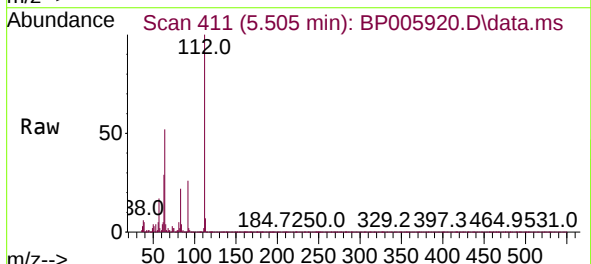
Instrument :
BNA_P
ClientSampleId :
17-B6(4-8)

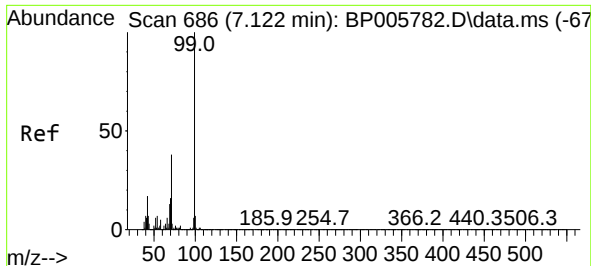
Tgt Ion:152 Resp: 71530
Ion Ratio Lower Upper
152 100
150 154.4 125.6 188.4
115 61.3 48.5 72.7



#5
2-Fluorophenol
Concen: 140.83 ng
RT: 5.505 min Scan# 411
Delta R.T. -0.006 min
Lab File: BP005920.D
Acq: 14 Jun 2021 23:11

Tgt Ion:112 Resp: 627765
Ion Ratio Lower Upper
112 100
64 52.0 41.4 62.2
63 29.3 23.8 35.8

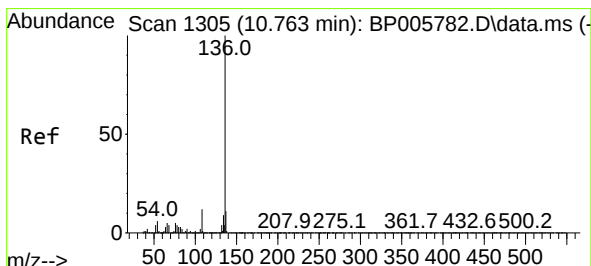
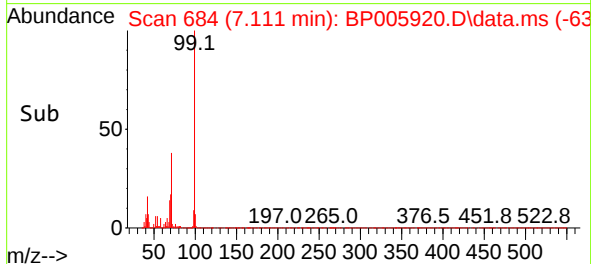
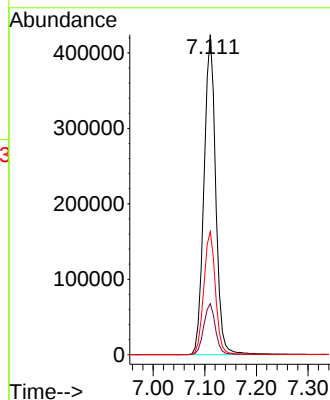
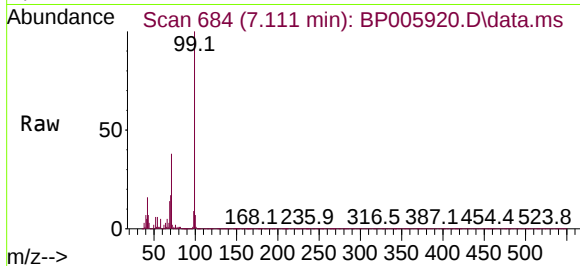




#7
Phenol-d6
Concen: 115.54 ng
RT: 7.111 min Scan# 684
Delta R.T. -0.006 min
Lab File: BP005920.D
Acq: 14 Jun 2021 23:11

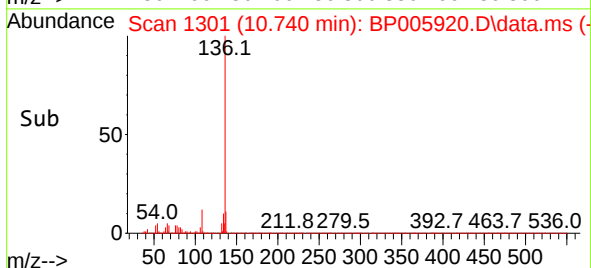
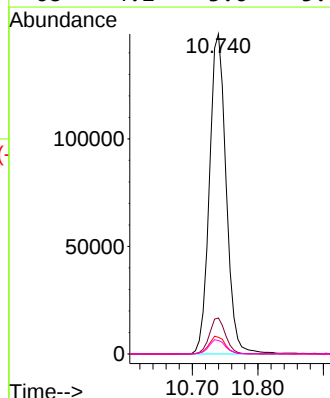
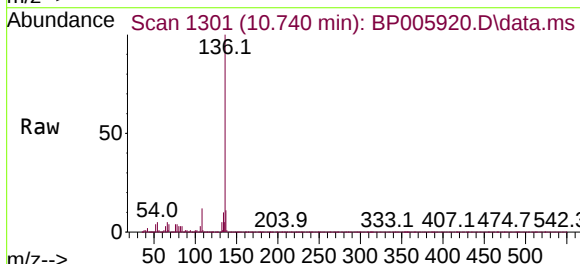
Instrument :
BNA_P
ClientSampleId :
17-B6(4-8)

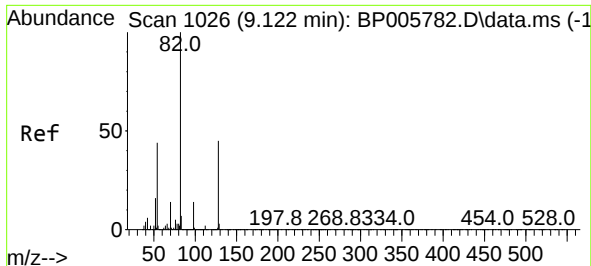
Tgt Ion: 99	Resp: 667585
Ion Ratio	Lower Upper
99 100	
42 15.9	13.4 20.0
71 38.4	30.6 46.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.740 min Scan# 1301
Delta R.T. -0.006 min
Lab File: BP005920.D
Acq: 14 Jun 2021 23:11

Tgt Ion: 136	Resp: 263393
Ion Ratio	Lower Upper
136 100	
137 11.3	8.6 12.8
54 5.2	4.6 6.8
68 4.2	3.6 5.4

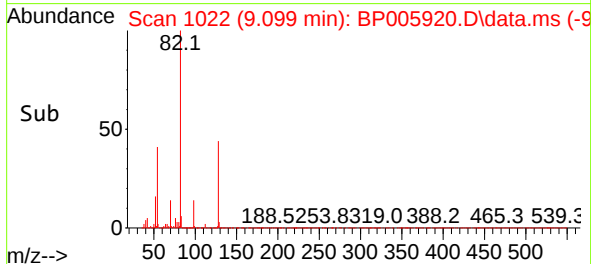
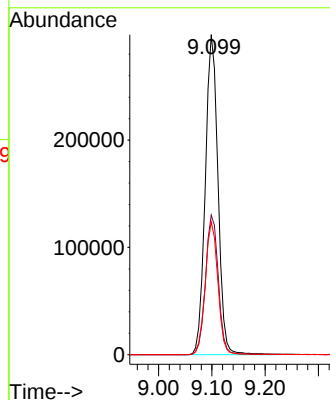
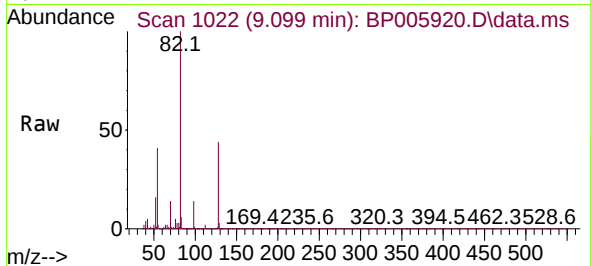




#23
Nitrobenzene-d5
Concen: 91.78 ng
RT: 9.099 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BP005920.D
Acq: 14 Jun 2021 23:11

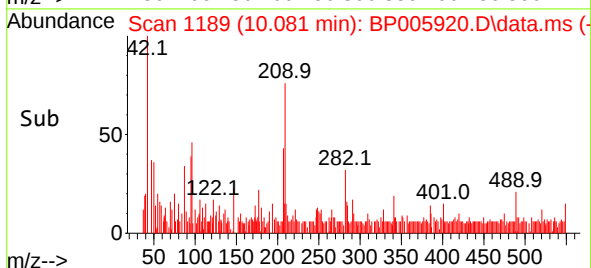
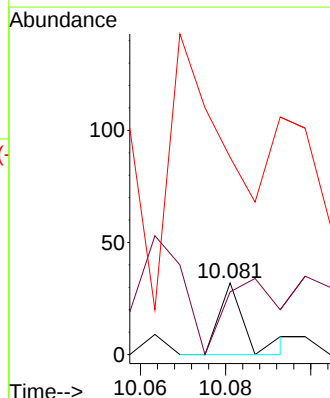
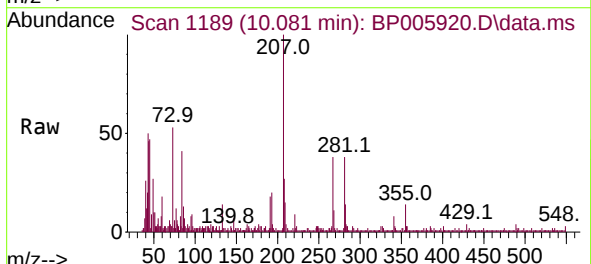
Instrument :
BNA_P
ClientSampleId :
17-B6(4-8)

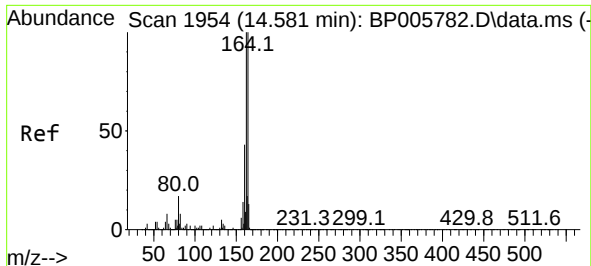
Tgt Ion: 82 Resp: 493099
Ion Ratio Lower Upper
82 100
128 43.6 35.7 53.5
54 41.5 35.0 52.4



#32
Benzoic acid
Concen: 6.32 ng
RT: 10.081 min Scan# 1189
Delta R.T. 0.000 min
Lab File: BP005920.D
Acq: 14 Jun 2021 23:11

Tgt Ion: 122 Resp: 14
Ion Ratio Lower Upper
122 100
105 87.5 103.2 143.2#
77 275.0 76.2 116.2#

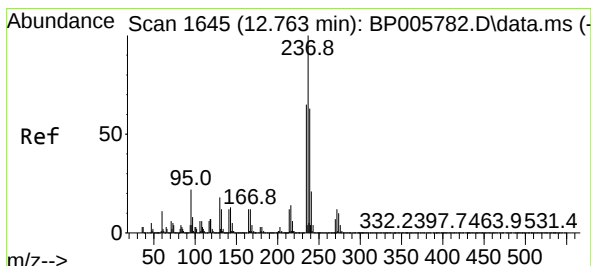
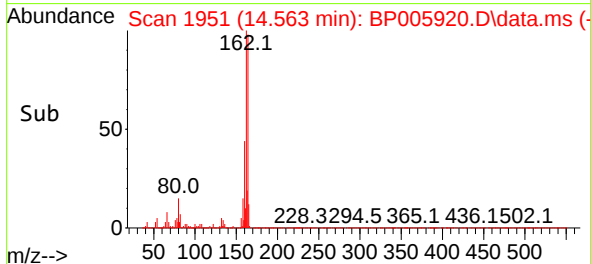
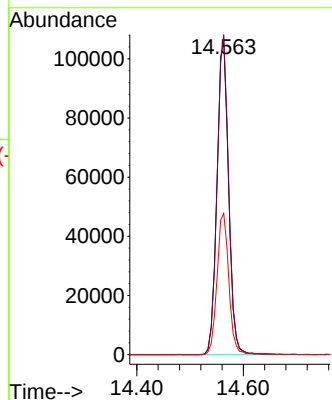
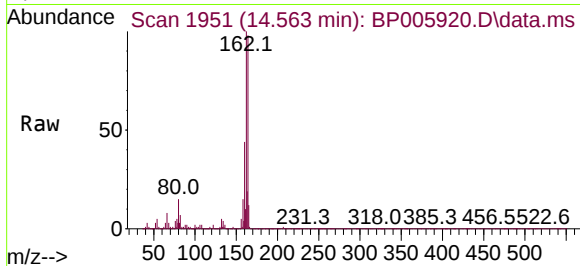




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.563 min Scan# 1951
Delta R.T. 0.000 min
Lab File: BP005920.D
Acq: 14 Jun 2021 23:11

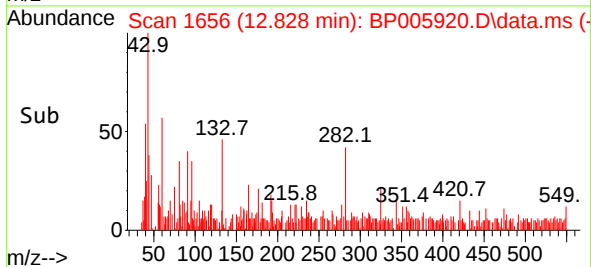
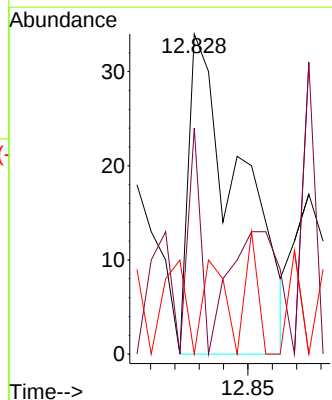
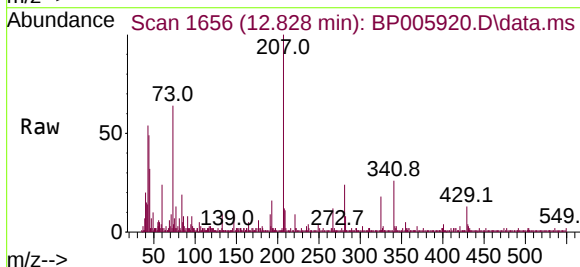
Instrument :
BNA_P
ClientSampleId :
17-B6(4-8)

Tgt Ion:164 Resp: 161178
Ion Ratio Lower Upper
164 100
162 101.9 80.2 120.2
160 44.9 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 5.52 ng
RT: 12.828 min Scan# 1656
Delta R.T. 0.083 min
Lab File: BP005920.D
Acq: 14 Jun 2021 23:11

Tgt Ion:237 Resp: 50
Ion Ratio Lower Upper
237 100
235 70.6 44.5 84.5
272 0.0 0.0 32.5

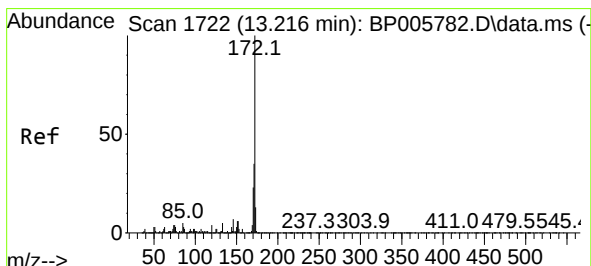
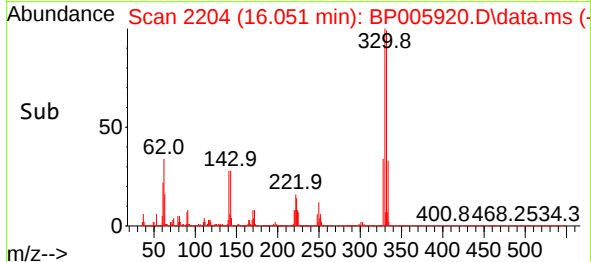
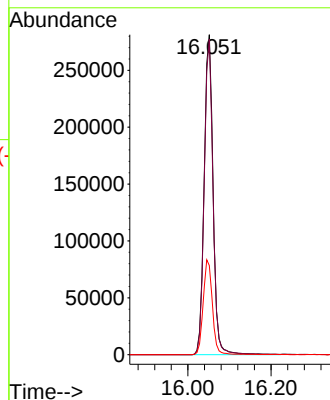
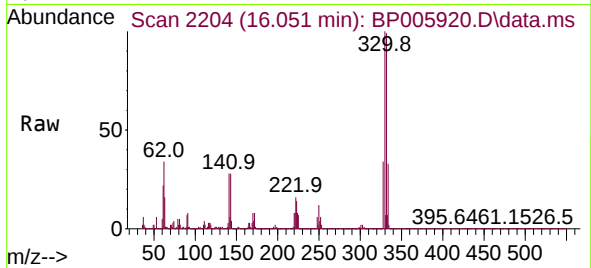




#42
2,4,6-Tribromophenol
Concen: 151.78 ng
RT: 16.051 min Scan# 2204
Delta R.T. 0.000 min
Lab File: BP005920.D
Acq: 14 Jun 2021 23:11

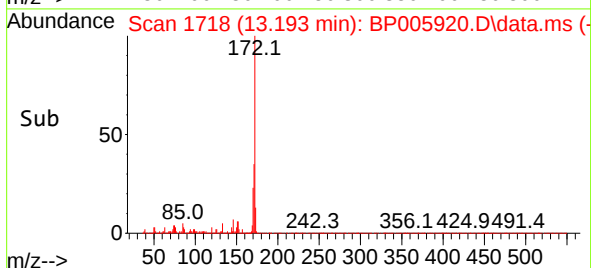
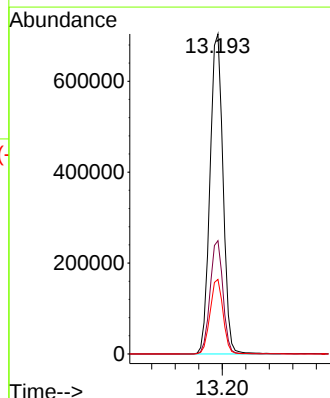
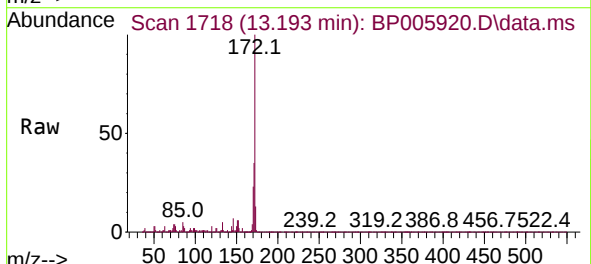
Instrument :
BNA_P
ClientSampleId :
17-B6(4-8)

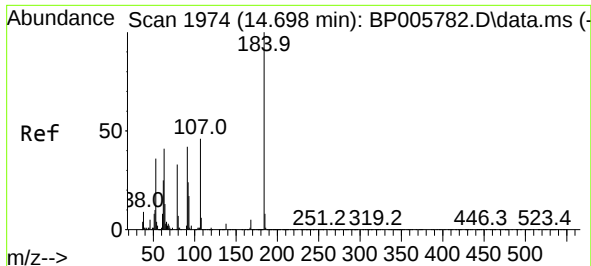
Tgt Ion:330 Resp: 419816
Ion Ratio Lower Upper
330 100
332 97.2 77.8 116.8
141 30.4 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 88.22 ng
RT: 13.193 min Scan# 1718
Delta R.T. 0.000 min
Lab File: BP005920.D
Acq: 14 Jun 2021 23:11

Tgt Ion:172 Resp: 1082885
Ion Ratio Lower Upper
172 100
171 35.4 27.9 41.9
170 23.3 18.6 27.8

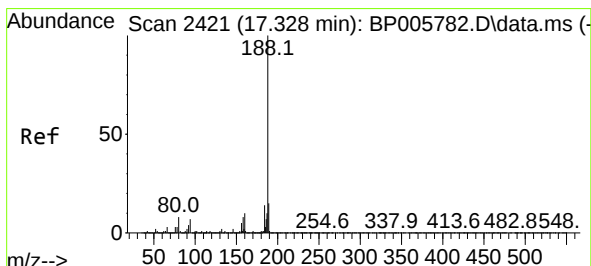
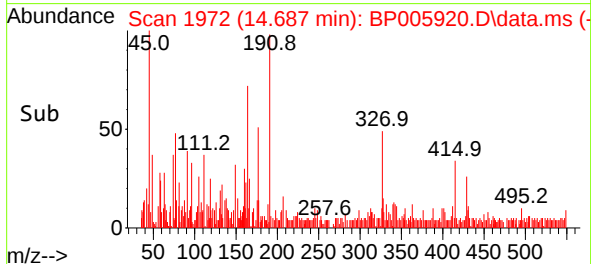
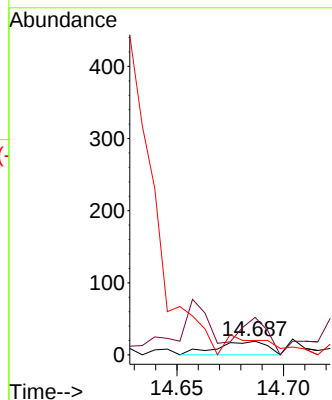
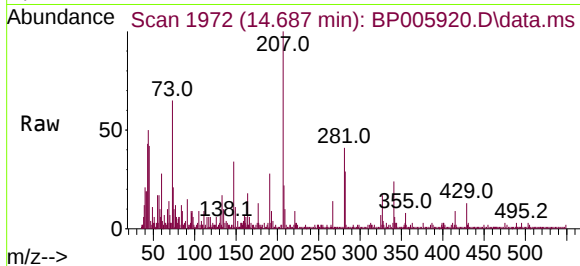




#54
2,4-Dinitrophenol
Concen: 4.87 ng
RT: 14.687 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BP005920.D
Acq: 14 Jun 2021 23:11

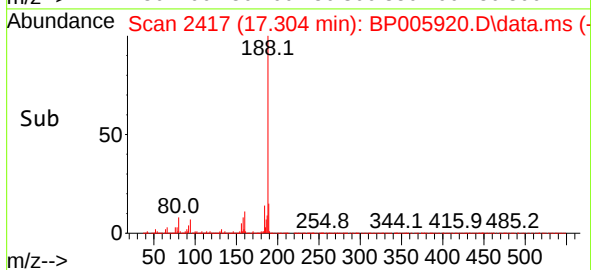
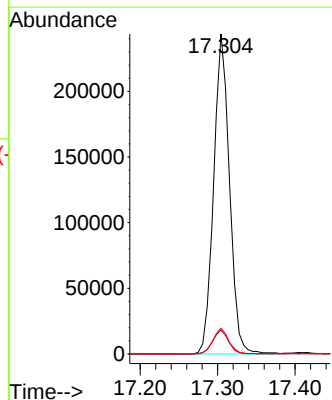
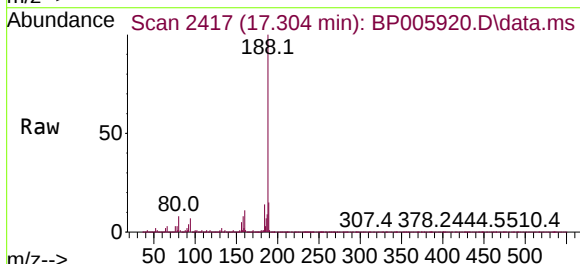
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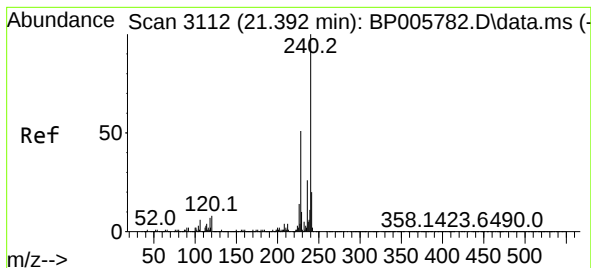
Tgt Ion:184 Resp: 31
Ion Ratio Lower Upper
184 100
63 273.7 47.0 70.6#
154 105.3 52.3 78.5#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.304 min Scan# 2417
Delta R.T. -0.006 min
Lab File: BP005920.D
Acq: 14 Jun 2021 23:11

Tgt Ion:188 Resp: 345451
Ion Ratio Lower Upper
188 100
94 7.5 5.6 8.4
80 8.1 6.3 9.5





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.375 min Scan# 3109

Delta R.T. -0.006 min

Lab File: BP005920.D

Acq: 14 Jun 2021 23:11

Tgt Ion:240 Resp: 428349

Ion Ratio Lower Upper

240 100

120 8.9 6.5 9.7

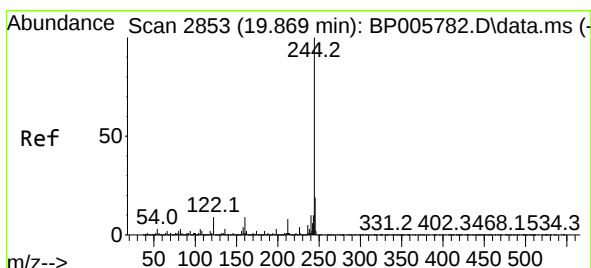
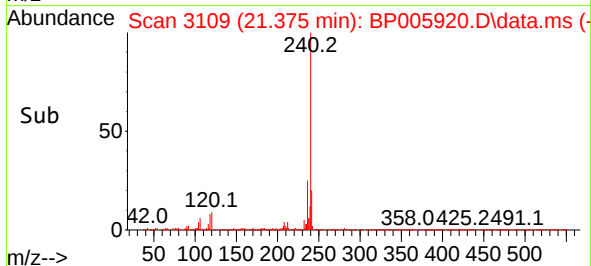
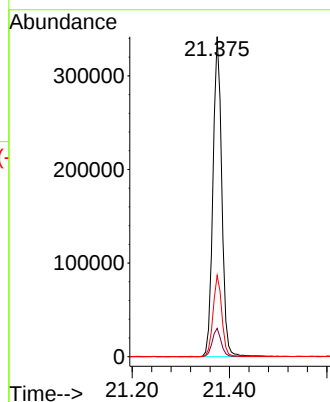
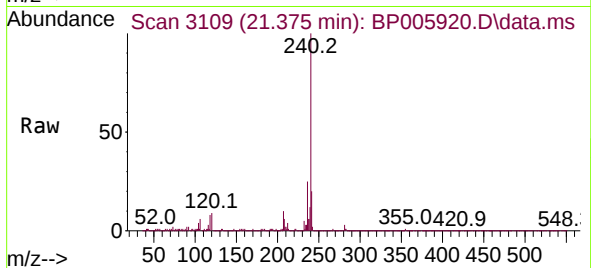
236 25.4 20.6 31.0

Instrument :

BNA_P

ClientSampleId :

17-B6(4-8)



#79

Terphenyl-d14

Concen: 91.45 ng

RT: 19.851 min Scan# 2850

Delta R.T. -0.006 min

Lab File: BP005920.D

Acq: 14 Jun 2021 23:11

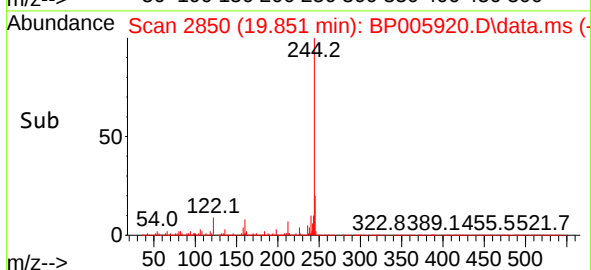
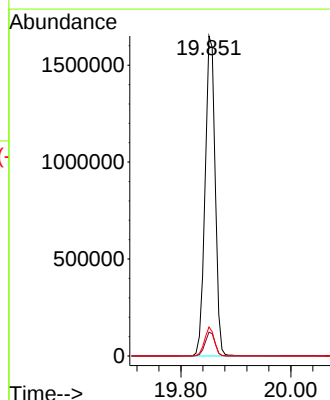
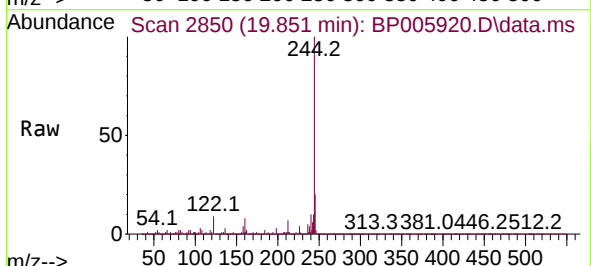
Tgt Ion:244 Resp: 2091951

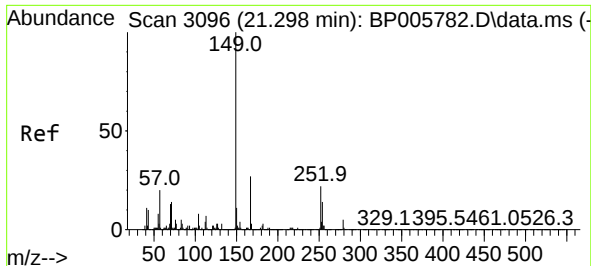
Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 9.1 7.1 10.7

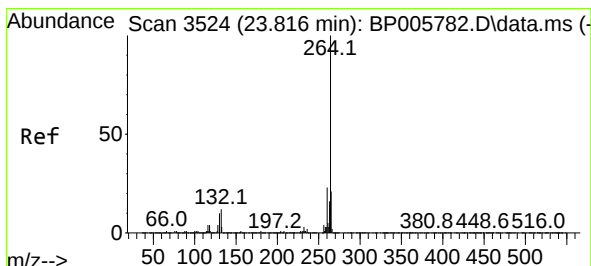
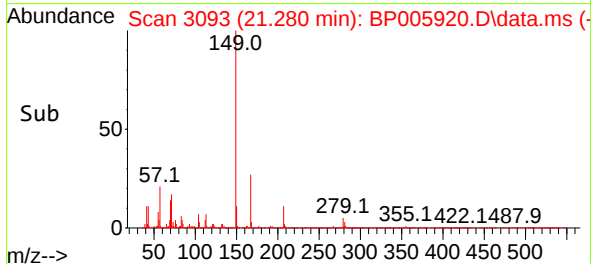
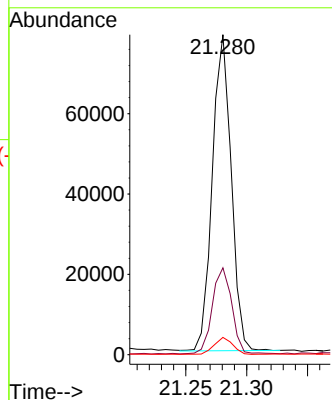
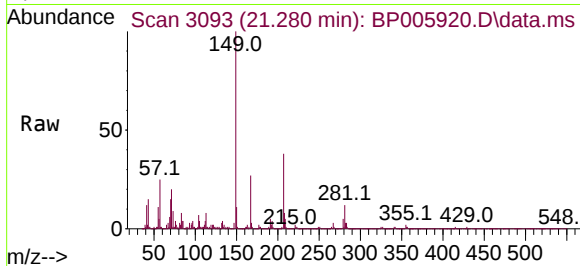




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.69 ng
RT: 21.280 min Scan# 3093
Delta R.T. -0.006 min
Lab File: BP005920.D
Acq: 14 Jun 2021 23:11

Instrument :
BNA_P
ClientSampleId :
17-B6(4-8)

Tgt Ion:149 Resp: 84610
Ion Ratio Lower Upper
149 100
167 27.2 21.9 32.9
279 5.4 4.3 6.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.786 min Scan# 3519
Delta R.T. -0.006 min
Lab File: BP005920.D
Acq: 14 Jun 2021 23:11

Tgt Ion:264 Resp: 489931
Ion Ratio Lower Upper
264 100
260 23.7 18.6 28.0
265 21.8 17.6 26.4

