

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021921\
 Data File : BP004825.D
 Acq On : 19 Feb 2021 16:49
 Operator : CG/JU
 Sample : M1433-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Feb 19 23:52:04 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 19 12:04:44 2021
 Response via : Initial Calibration

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

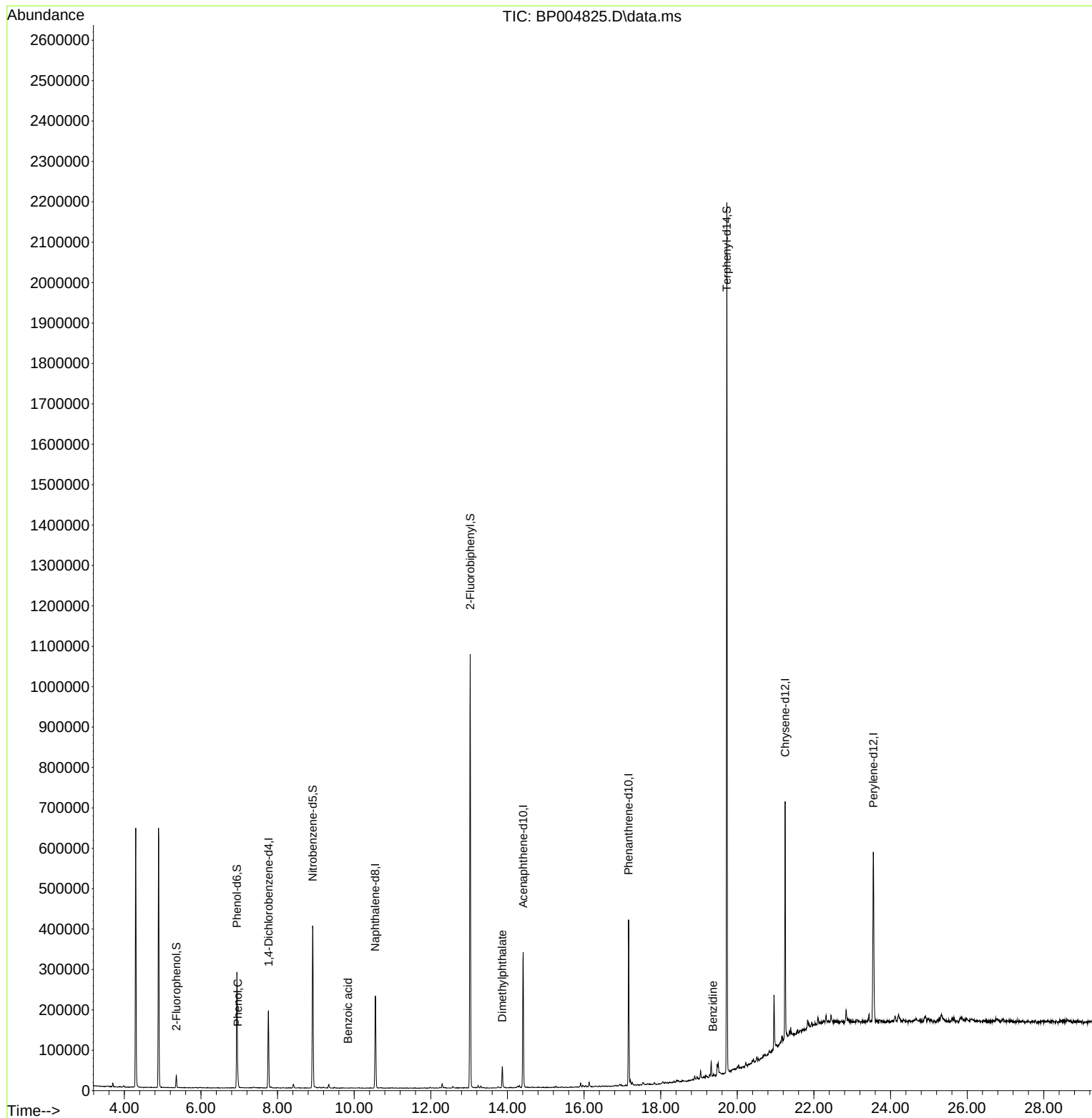
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	49714	20.00	ng	0.00
21) Naphthalene-d8	10.552	136	184290	20.00	ng	# 0.00
39) Acenaphthene-d10	14.410	164	112606	20.00	ng	0.00
64) Phenanthrene-d10	17.163	188	236462	20.00	ng	0.00
76) Chrysene-d12	21.251	240	285145	20.00	ng	# 0.00
86) Perylene-d12	23.551	264	308351	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	12175	3.78	ng	0.00
7) Phenol-d6	6.940	99	152660	34.48	ng	0.00
23) Nitrobenzene-d5	8.916	82	222949	52.71	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	625	0.42	ng	0.00
45) 2-Fluorobiphenyl	13.028	172	518050	56.23	ng	0.00
79) Terphenyl-d14	19.727	244	855071	50.37	ng	0.00
Target Compounds						
10) Phenol	6.963	94	10682	2.49	ng	Qvalue 75
32) Benzoic acid	9.840	122	14	6.86	ng	92
50) Dimethylphthalate	13.863	163	34127	3.45	ng	# 96
77) Benzidine	19.363	184	136	2.16	ng	# 4

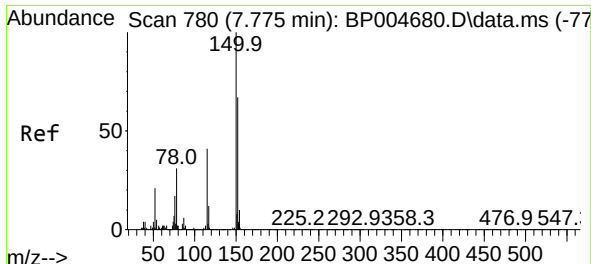
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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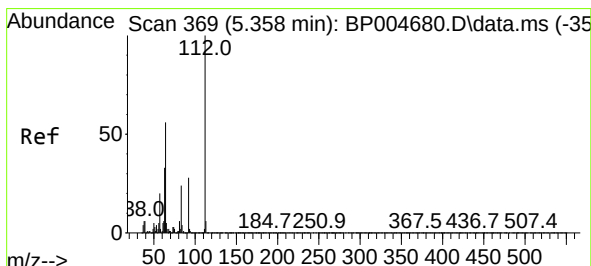
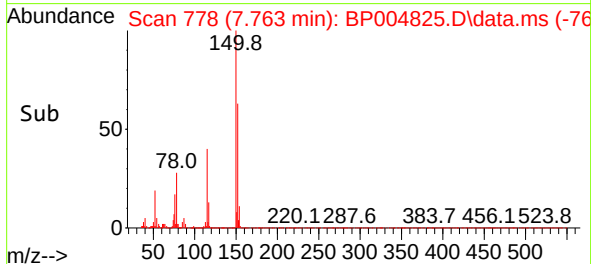
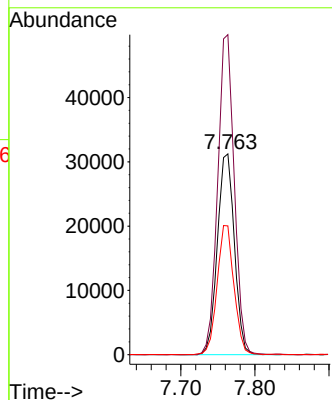
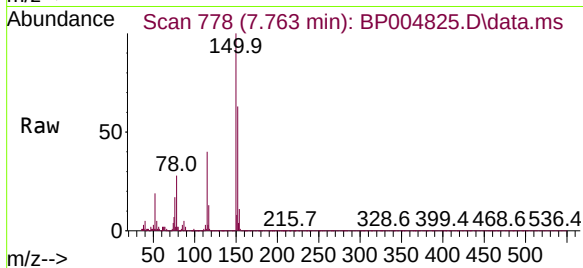




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.763 min Scan# 778
Delta R.T. 0.000 min
Lab File: BP004825.D
Acq: 19 Feb 2021 16:49

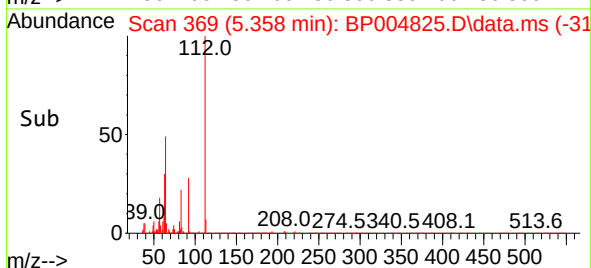
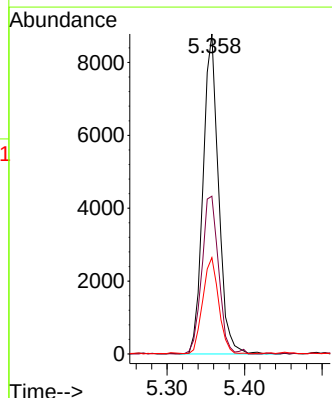
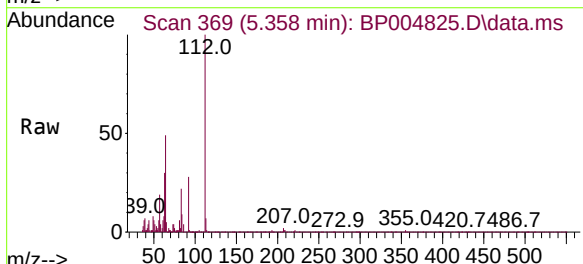
Instrument :
BNA_P
ClientSampleId :

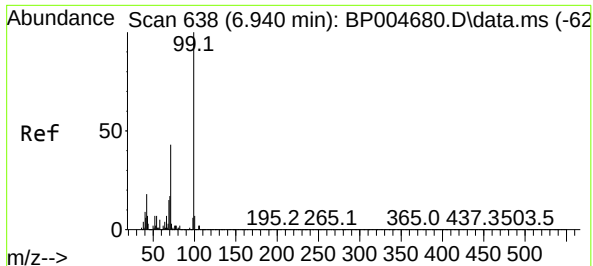
Tgt Ion:152 Resp: 49714
Ion Ratio Lower Upper
152 100
150 159.3 123.8 185.6
115 64.1 43.8 65.6



#5
2-Fluorophenol
Concen: 3.78 ng
RT: 5.358 min Scan# 369
Delta R.T. 0.006 min
Lab File: BP004825.D
Acq: 19 Feb 2021 16:49

Tgt Ion:112 Resp: 12175
Ion Ratio Lower Upper
112 100
64 49.3 32.8 49.2#
63 30.1 17.0 25.4#

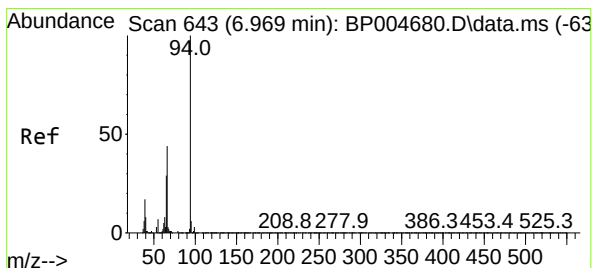
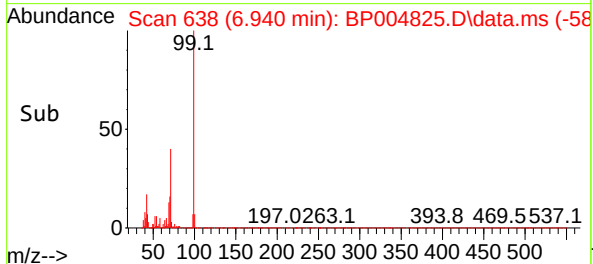
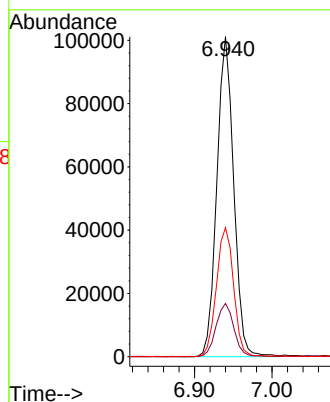
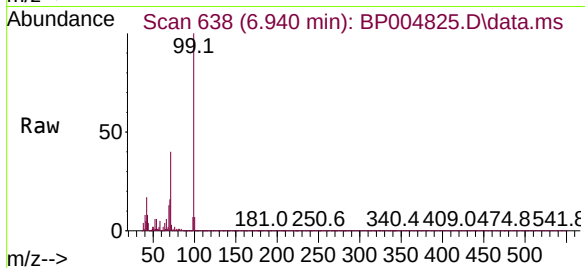




#7
Phenol-d6
Concen: 34.48 ng
RT: 6.940 min Scan# 638
Delta R.T. -0.006 min
Lab File: BP004825.D
Acq: 19 Feb 2021 16:49

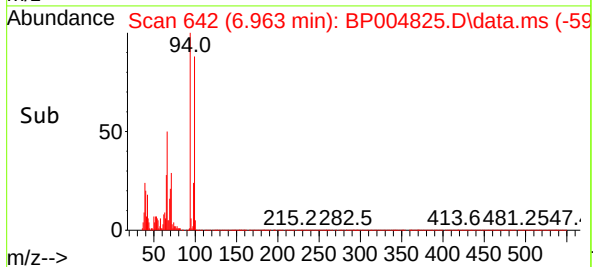
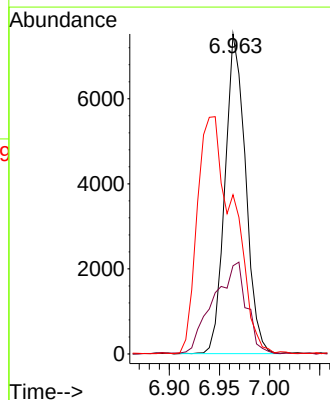
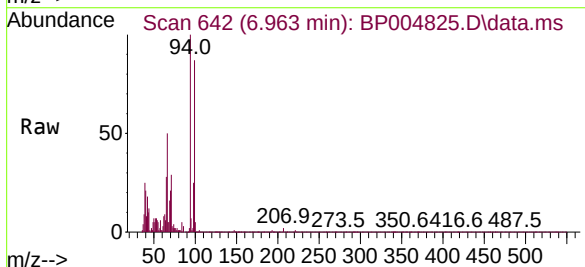
Instrument :
BNA_P
ClientSampleId :

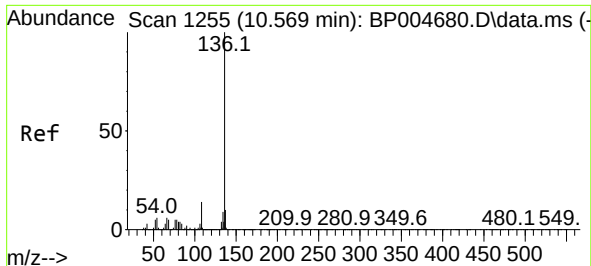
Tgt Ion: 99 Resp: 152660
Ion Ratio Lower Upper
99 100
42 16.7 8.6 13.0#
71 40.3 23.4 35.2#



#10
Phenol
Concen: 2.49 ng
RT: 6.963 min Scan# 642
Delta R.T. -0.006 min
Lab File: BP004825.D
Acq: 19 Feb 2021 16:49

Tgt Ion: 94 Resp: 10682
Ion Ratio Lower Upper
94 100
65 27.6 2.3 42.3
66 49.7 10.9 50.9

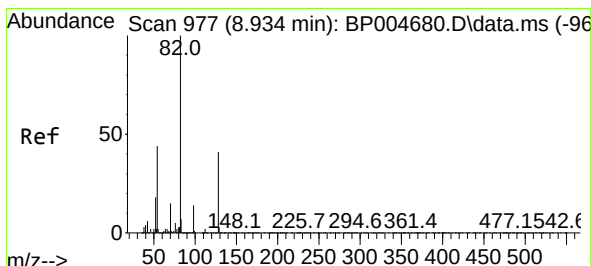
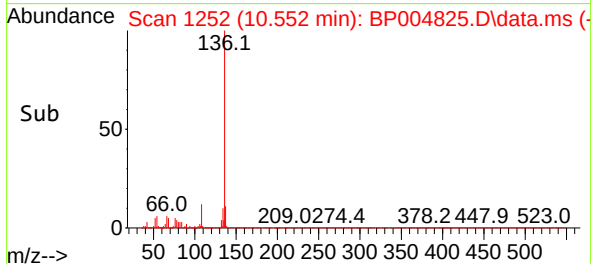
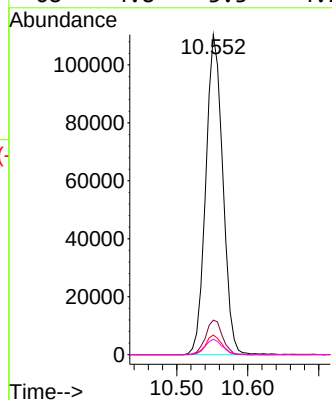
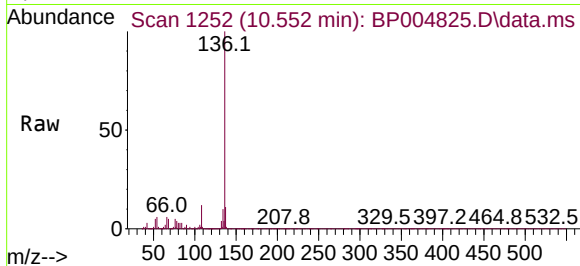




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.552 min Scan# 1252
Delta R.T. -0.006 min
Lab File: BP004825.D
Acq: 19 Feb 2021 16:49

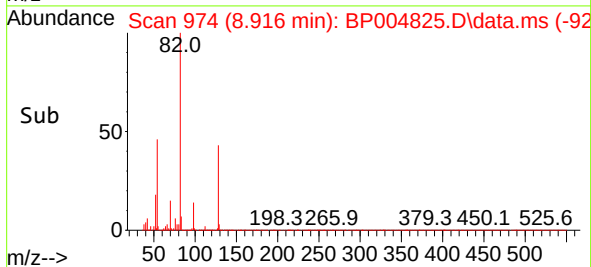
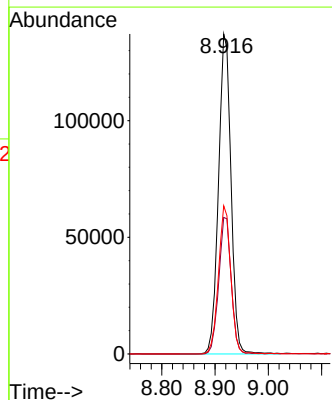
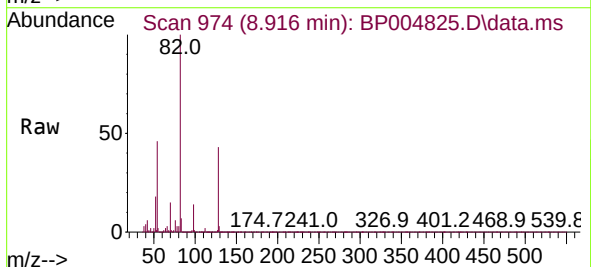
Instrument :
BNA_P
ClientSampleId :

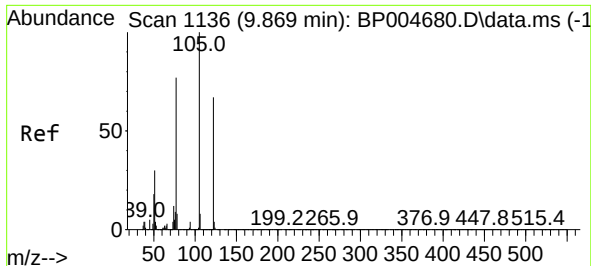
Tgt Ion:	136	Resp:	184290
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.6	13.0
54	6.1	3.6	5.4#
68	4.8	3.3	4.9



#23
Nitrobenzene-d5
Concen: 52.71 ng
RT: 8.916 min Scan# 974
Delta R.T. -0.006 min
Lab File: BP004825.D
Acq: 19 Feb 2021 16:49

Tgt Ion:	82	Resp:	222949
Ion Ratio	Lower	Upper	
82	100		
128	42.6	45.6	68.4#
54	46.3	30.1	45.1#

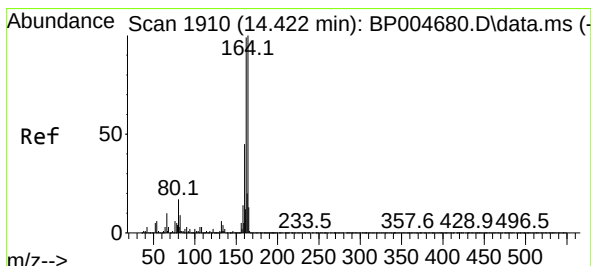
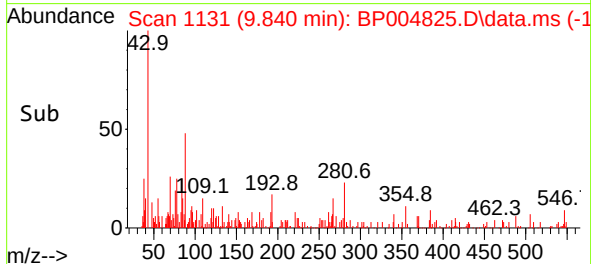
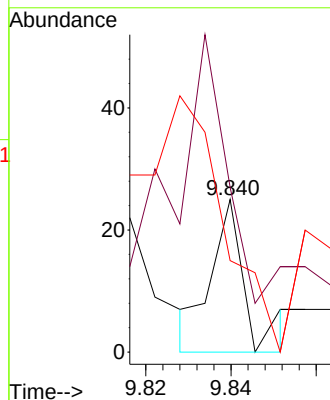
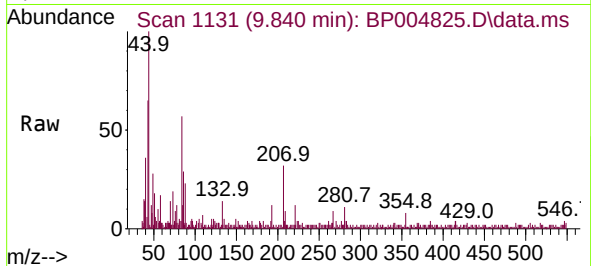




#32
Benzoic acid
Concen: 6.86 ng
RT: 9.840 min Scan# 1131
Delta R.T. -0.029 min
Lab File: BP004825.D
Acq: 19 Feb 2021 16:49

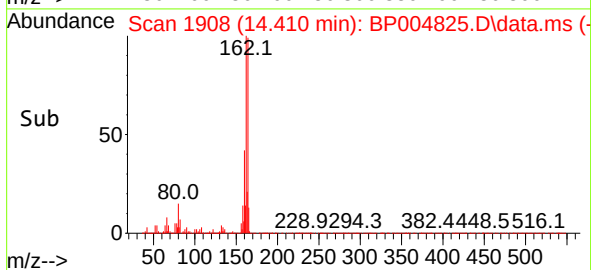
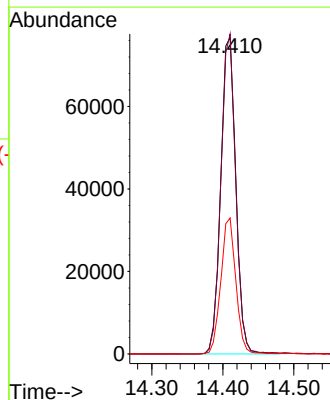
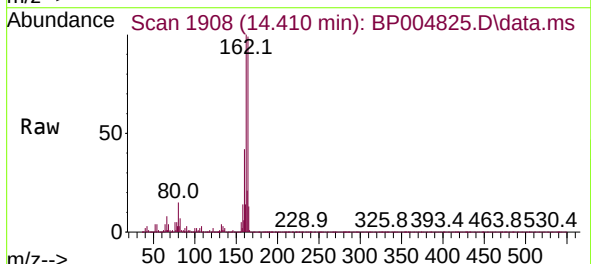
Instrument :
BNA_P
ClientSampleId :

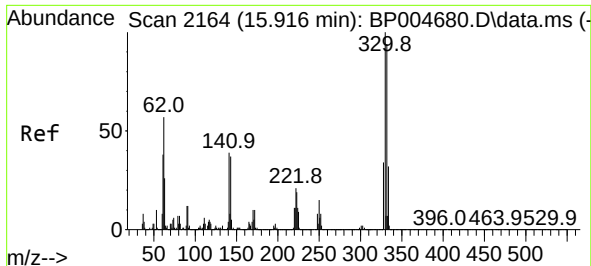
Tgt Ion:	122	Resp:	14
Ion	Ratio	Lower	Upper
122	100		
105	108.0	94.1	134.1
77	60.0	50.1	90.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.410 min Scan# 1908
Delta R.T. 0.000 min
Lab File: BP004825.D
Acq: 19 Feb 2021 16:49

Tgt Ion:	164	Resp:	112606
Ion	Ratio	Lower	Upper
164	100		
162	101.1	79.4	119.2
160	43.0	36.1	54.1

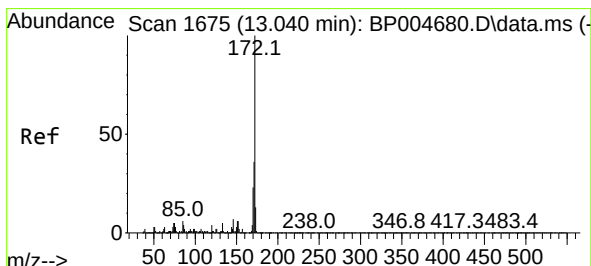
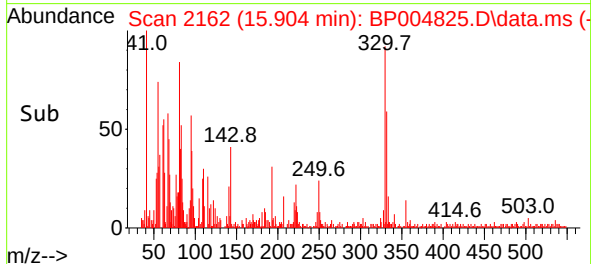
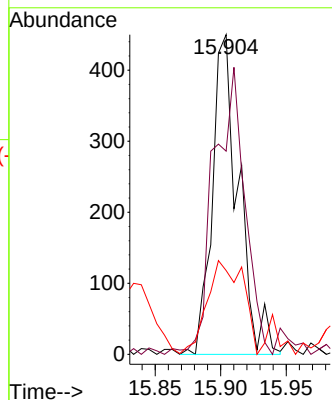
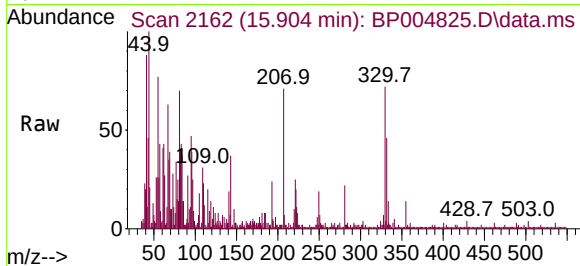




#42
2,4,6-Tribromophenol
Concen: 0.42 ng
RT: 15.904 min Scan# 2162
Delta R.T. -0.006 min
Lab File: BP004825.D
Acq: 19 Feb 2021 16:49

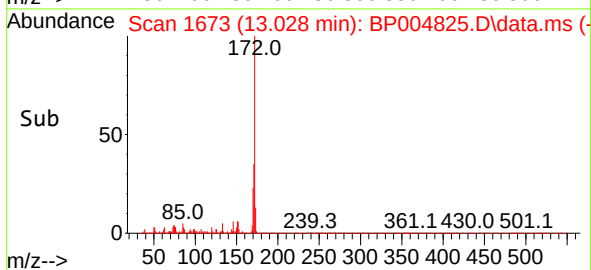
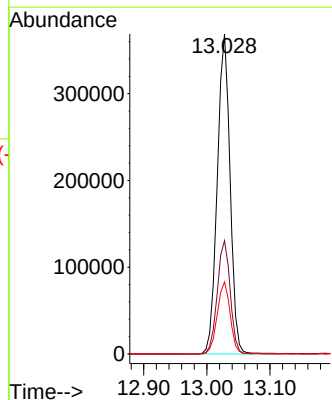
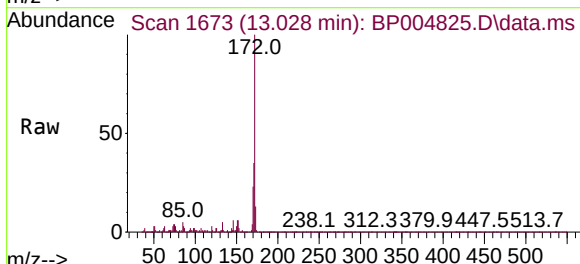
Instrument :
BNA_P
ClientSampleId :

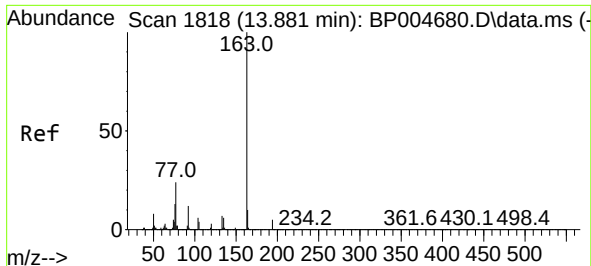
Tgt Ion:330 Resp: 625
Ion Ratio Lower Upper
330 100
332 105.9 77.1 115.7
141 40.3 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 56.23 ng
RT: 13.028 min Scan# 1673
Delta R.T. 0.000 min
Lab File: BP004825.D
Acq: 19 Feb 2021 16:49

Tgt Ion:172 Resp: 518050
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 22.5 19.2 28.8

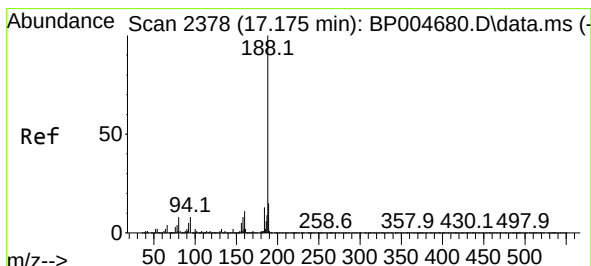
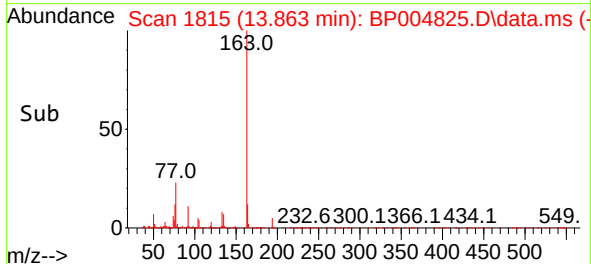
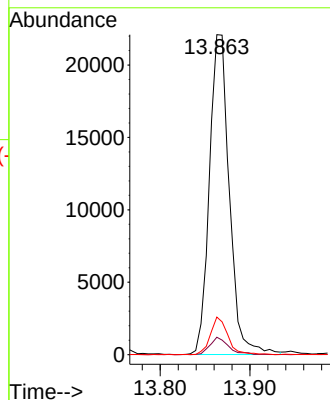
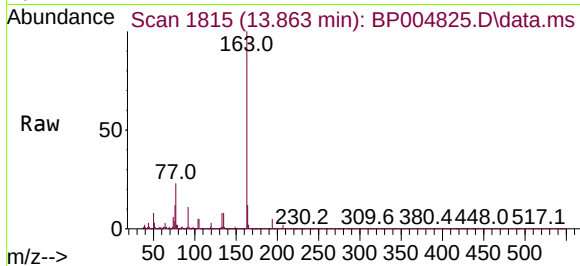




#50
Dimethylphthalate
Concen: 3.45 ng
RT: 13.863 min Scan# 1815
Delta R.T. -0.011 min
Lab File: BP004825.D
Acq: 19 Feb 2021 16:49

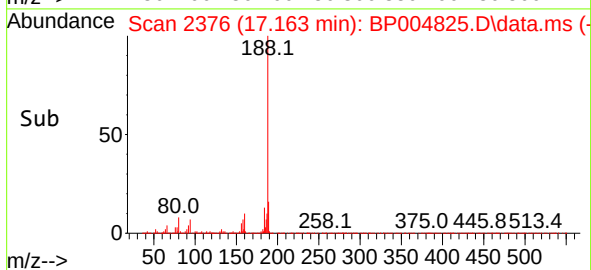
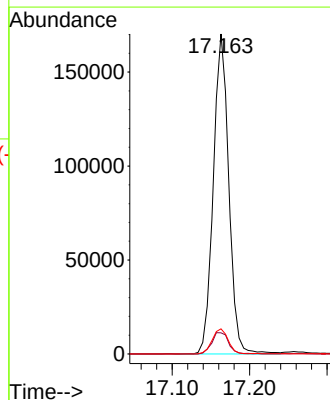
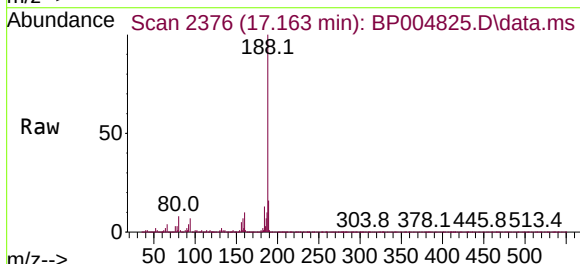
Instrument :
BNA_P
ClientSampleId :

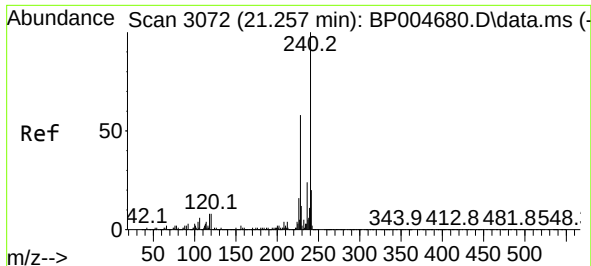
Tgt Ion:163 Resp: 34127
Ion Ratio Lower Upper
163 100
194 5.4 3.3 4.9#
164 11.7 8.2 12.2



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.163 min Scan# 2376
Delta R.T. 0.000 min
Lab File: BP004825.D
Acq: 19 Feb 2021 16:49

Tgt Ion:188 Resp: 236462
Ion Ratio Lower Upper
188 100
94 6.6 6.2 9.2
80 7.8 6.2 9.2

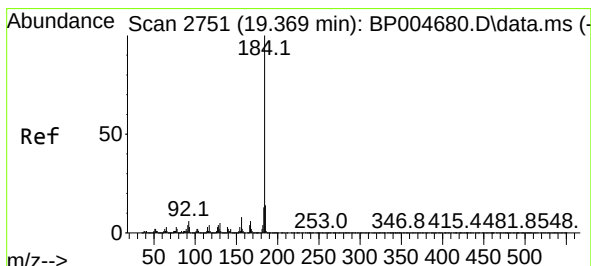
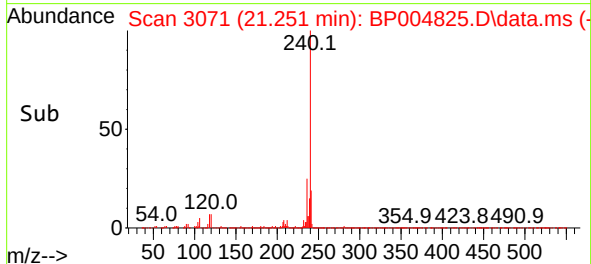
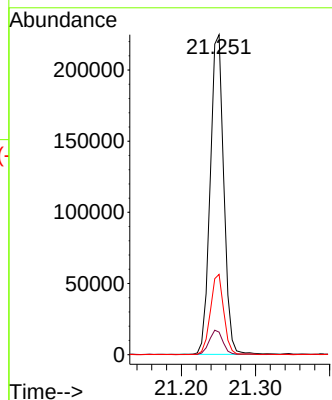
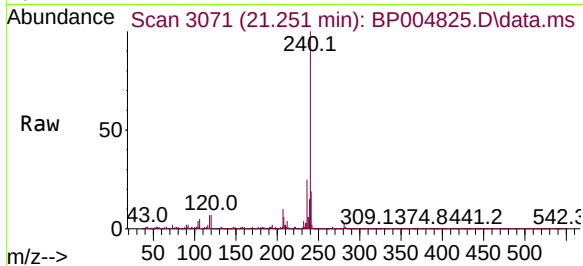




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.251 min Scan# 3071
Delta R.T. 0.000 min
Lab File: BP004825.D
Acq: 19 Feb 2021 16:49

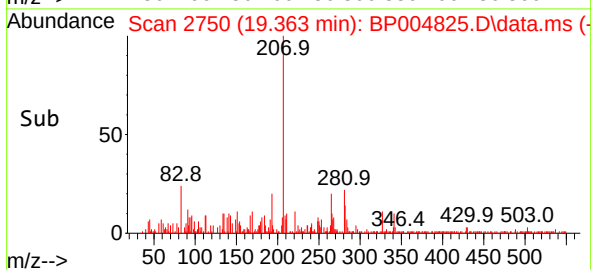
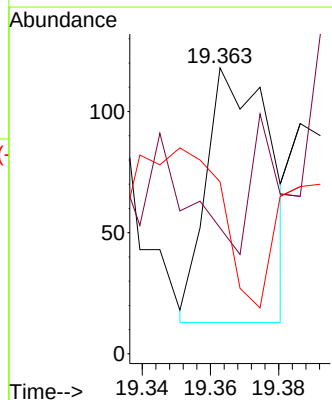
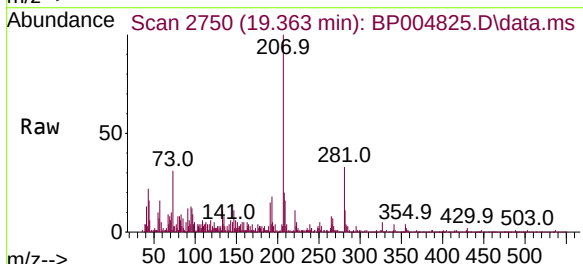
Instrument :
BNA_P
ClientSampled :

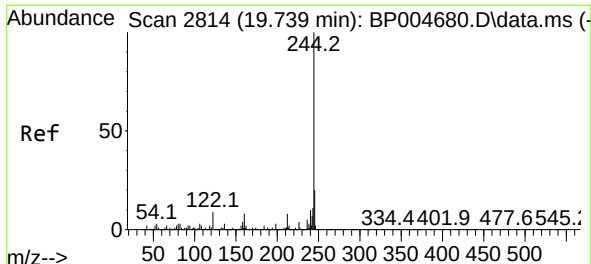
Tgt Ion:240 Resp: 285145
Ion Ratio Lower Upper
240 100
120 7.0 7.8 11.6#
236 25.1 20.8 31.2



#77
Benzidine
Concen: 2.16 ng
RT: 19.363 min Scan# 2750
Delta R.T. 0.000 min
Lab File: BP004825.D
Acq: 19 Feb 2021 16:49

Tgt Ion:184 Resp: 136
Ion Ratio Lower Upper
184 100
185 44.1 11.5 17.3#
183 60.2 9.6 14.4#

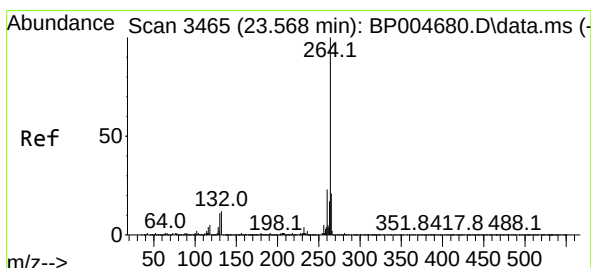
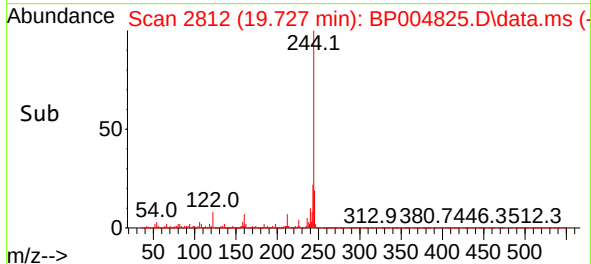
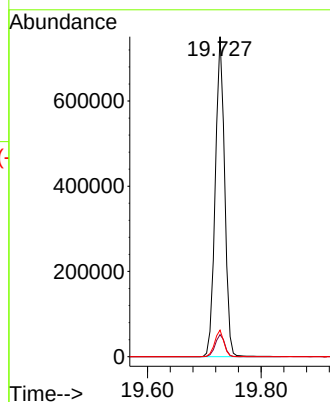
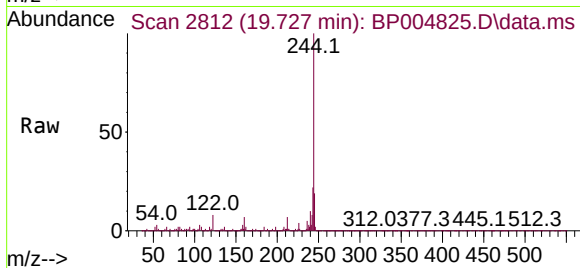




#79
 Terphenyl-d14
 Concen: 50.37 ng
 RT: 19.727 min Scan# 2812
 Delta R.T. -0.006 min
 Lab File: BP004825.D
 Acq: 19 Feb 2021 16:49

Instrument :
 BNA_P
 ClientSampled :

Tgt Ion:244	Resp:	855071
Ion Ratio	Lower	Upper
244	100	
212	6.9	5.8 8.6
122	8.3	7.8 11.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.551 min Scan# 3462
 Delta R.T. -0.006 min
 Lab File: BP004825.D
 Acq: 19 Feb 2021 16:49

Tgt Ion:264	Resp:	308351
Ion Ratio	Lower	Upper
264	100	
260	23.4	18.8 28.2
265	22.0	17.4 26.2

