

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020521\
 Data File : BP004685.D
 Acq On : 05 Feb 2021 18:40
 Operator : CG/JU
 Sample : PB134248BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB134248BL

Quant Time: Feb 05 19:09:55 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 05 18:04:48 2021
 Response via : Initial Calibration

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

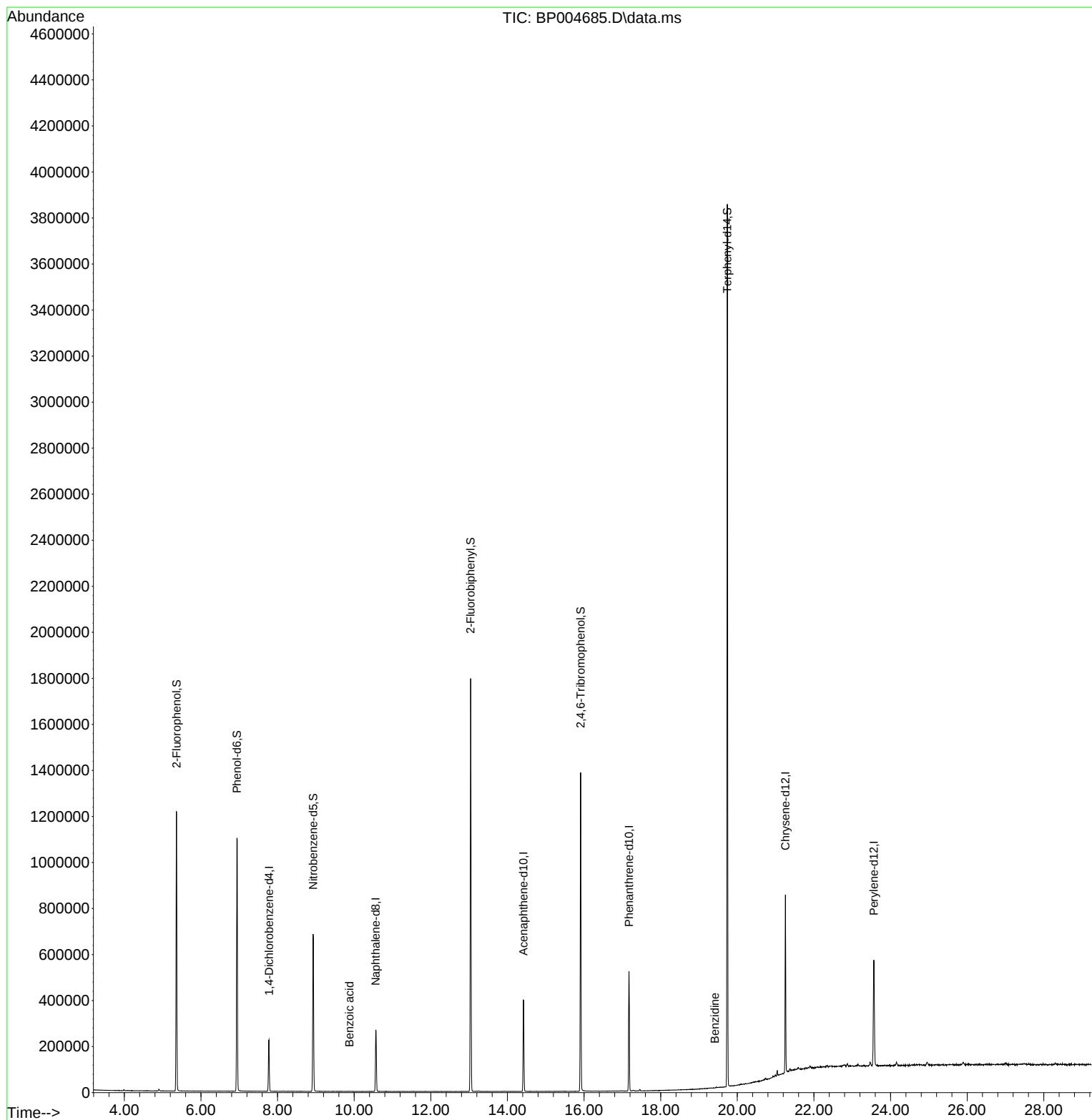
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	54874	20.00	ng	0.00
21) Naphthalene-d8	10.563	136	210840	20.00	ng	# 0.00
39) Acenaphthene-d10	14.416	164	130512	20.00	ng	0.00
64) Phenanthrene-d10	17.175	188	294743	20.00	ng	0.00
76) Chrysene-d12	21.257	240	328722	20.00	ng	0.00
86) Perylene-d12	23.563	264	327507	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.364	112	480172	135.11	ng	0.00
7) Phenol-d6	6.940	99	598827	122.52	ng	0.00
23) Nitrobenzene-d5	8.928	82	375736	77.65	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	205748	118.66	ng	0.00
45) 2-Fluorobiphenyl	13.040	172	803736	75.27	ng	0.00
79) Terphenyl-d14	19.739	244	1421939	72.66	ng	0.00
Target Compounds						
32) Benzoic acid	9.875	122	11	6.85	ng	# 76
77) Benzidine	19.416	184	48	2.14	ng	98

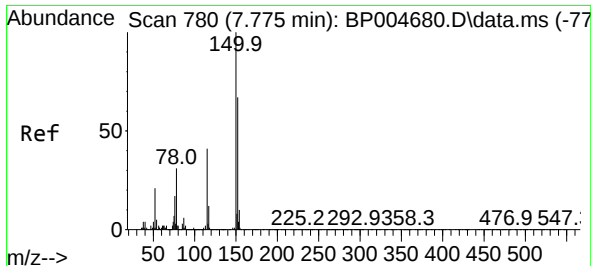
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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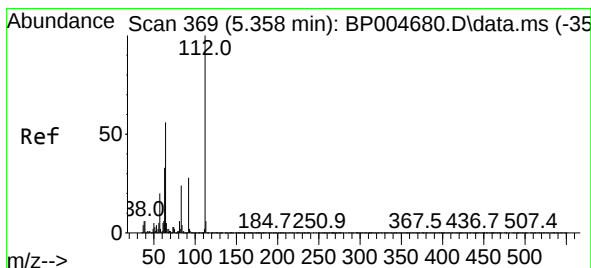
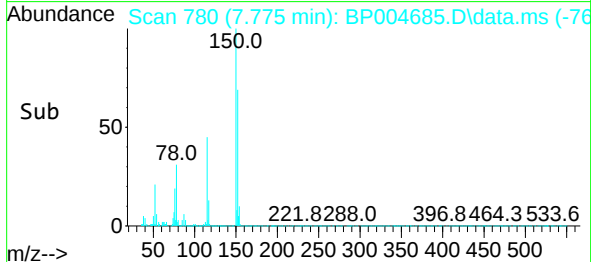
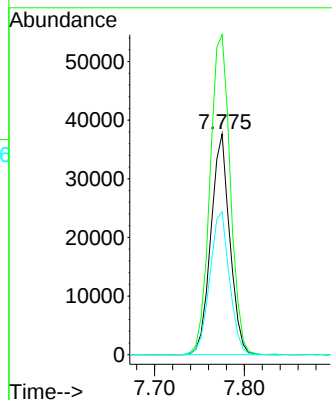
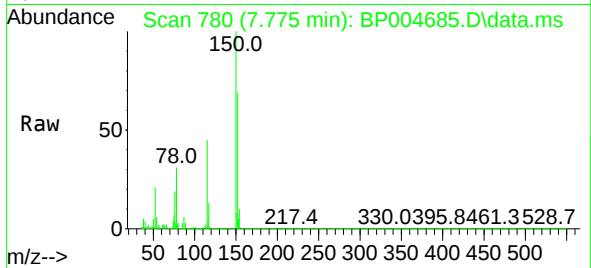




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.775 min Scan# 780
Delta R.T. 0.000 min
Lab File: BP004685.D
Acq: 05 Feb 2021 18:40

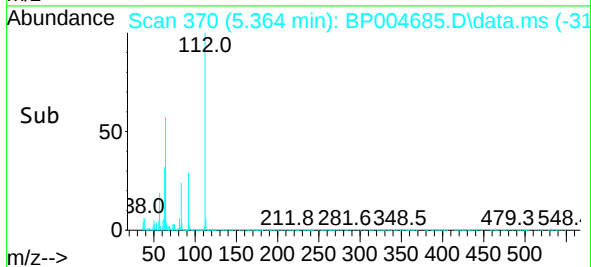
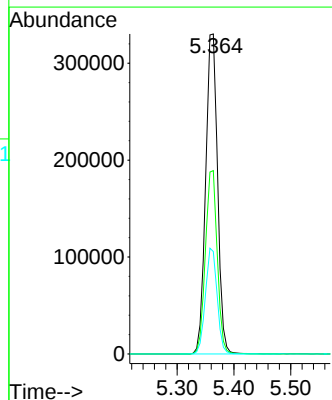
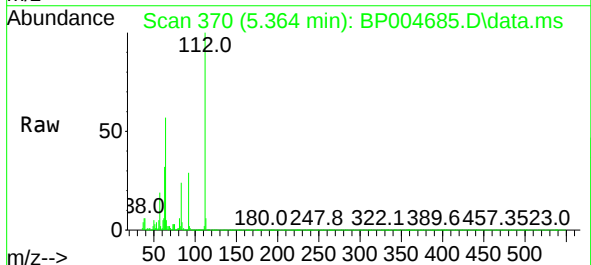
Instrument :
BNA_P
ClientSampleId :
PB134248BL

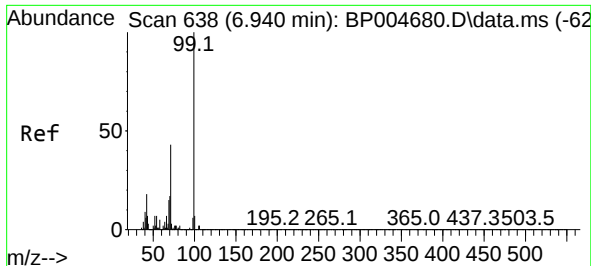
Tgt Ion:152 Resp: 54874
Ion Ratio Lower Upper
152 100
150 145.0 123.8 185.6
115 64.7 43.8 65.6



#5
2-Fluorophenol
Concen: 135.11 ng
RT: 5.364 min Scan# 370
Delta R.T. 0.006 min
Lab File: BP004685.D
Acq: 05 Feb 2021 18:40

Tgt Ion:112 Resp: 480172
Ion Ratio Lower Upper
112 100
64 57.3 32.8 49.2#
63 32.0 17.0 25.4#

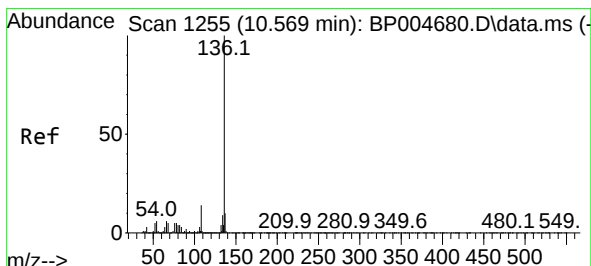
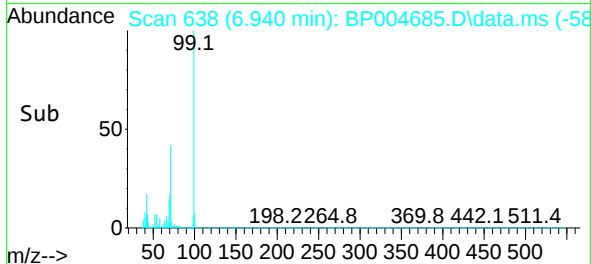
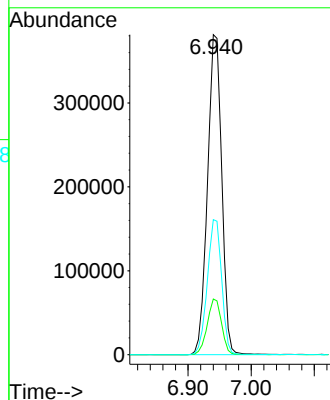
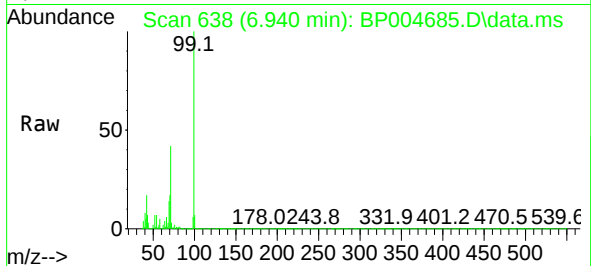




#7
Phenol-d6
Concen: 122.52 ng
RT: 6.940 min Scan# 638
Delta R.T. 0.000 min
Lab File: BP004685.D
Acq: 05 Feb 2021 18:40

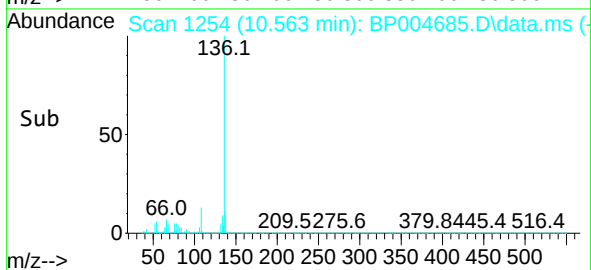
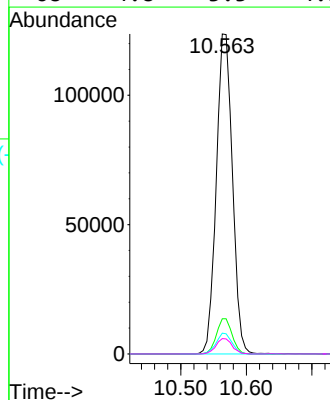
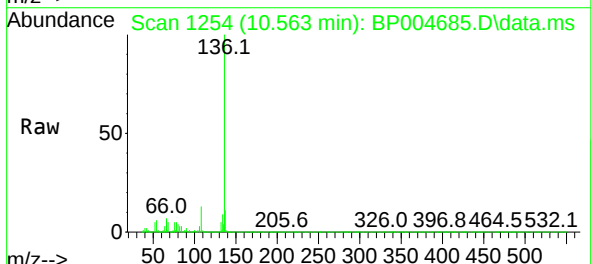
Instrument :
BNA_P
ClientSampleId :
PB134248BL

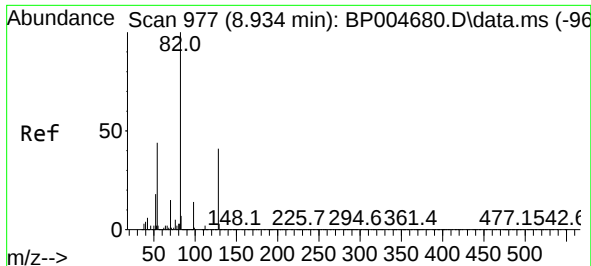
Tgt Ion: 99 Resp: 598827
Ion Ratio Lower Upper
99 100
42 17.4 8.6 13.0#
71 42.2 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.563 min Scan# 1254
Delta R.T. -0.006 min
Lab File: BP004685.D
Acq: 05 Feb 2021 18:40

Tgt Ion: 136 Resp: 210840
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 6.5 3.6 5.4#
68 4.8 3.3 4.9





#23

Nitrobenzene-d5

Concen: 77.65 ng

RT: 8.928 min Scan# 976

Delta R.T. -0.006 min

Lab File: BP004685.D

Acq: 05 Feb 2021 18:40

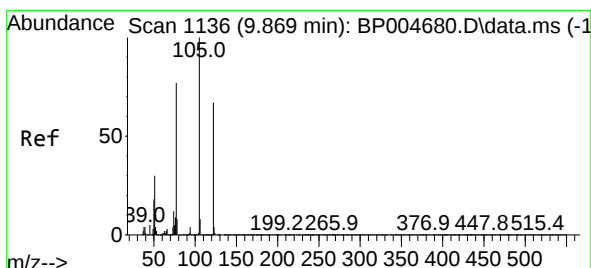
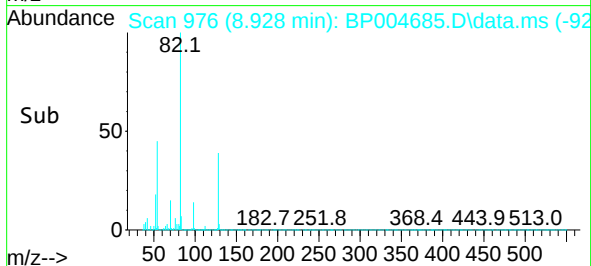
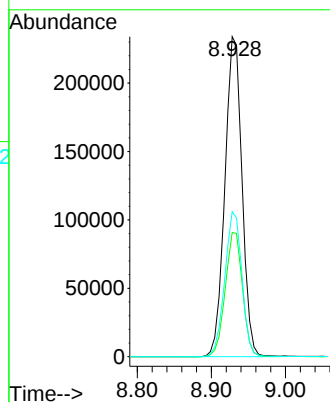
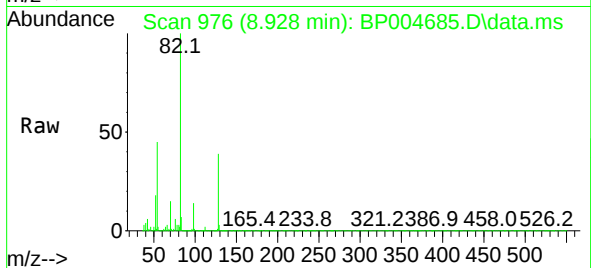
Instrument :

BNA_P

ClientSampleId :

PB134248BL

Tgt Ion: 82	Resp: 375736
Ion Ratio	Lower Upper
82 100	
128 38.8	45.6 68.4#
54 45.3	30.1 45.1#



#32

Benzoic acid

Concen: 6.85 ng

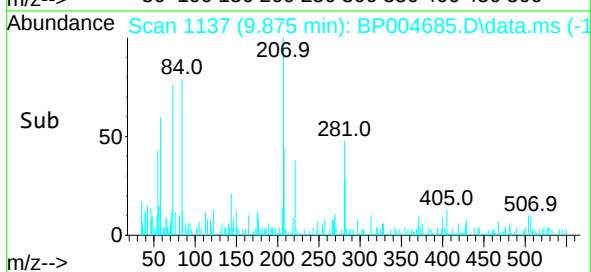
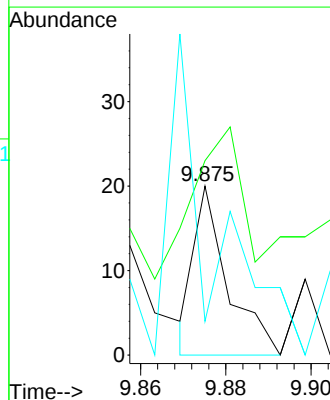
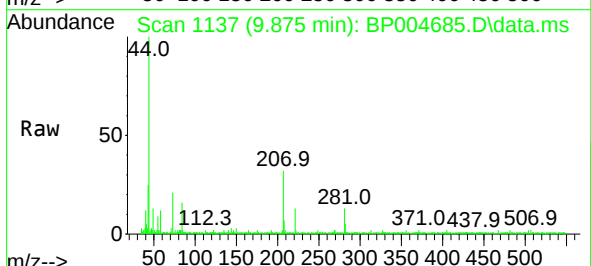
RT: 9.875 min Scan# 1137

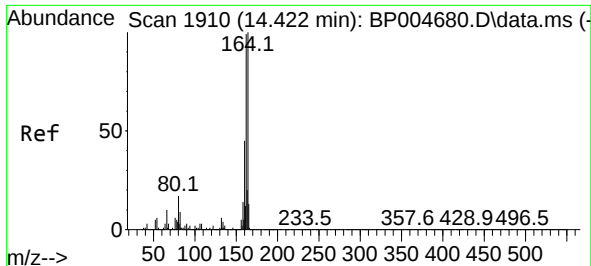
Delta R.T. 0.006 min

Lab File: BP004685.D

Acq: 05 Feb 2021 18:40

Tgt Ion: 122	Resp: 11
Ion Ratio	Lower Upper
122 100	
105 115.0	94.1 134.1
77 20.0	50.1 90.1#

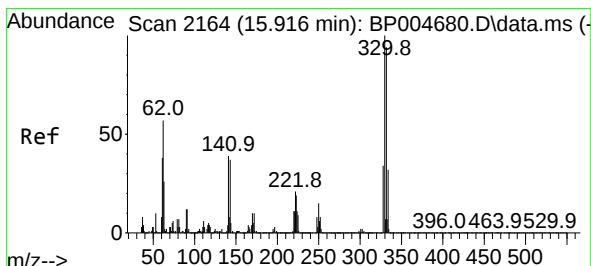
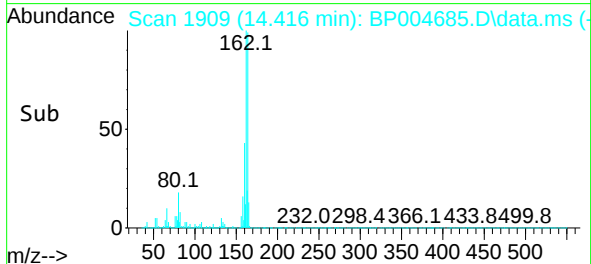
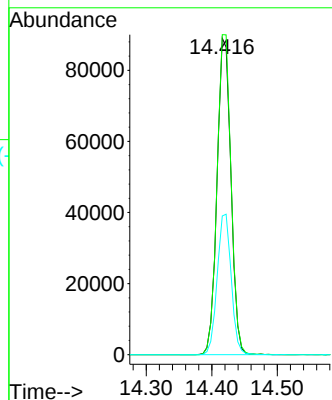
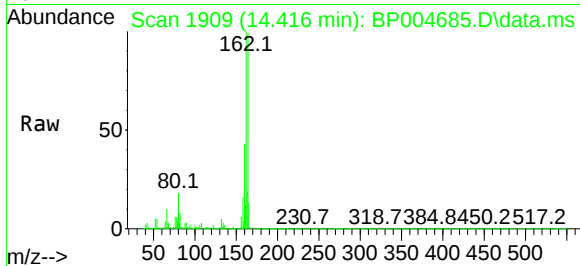




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.416 min Scan# 1909
Delta R.T. -0.006 min
Lab File: BP004685.D
Acq: 05 Feb 2021 18:40

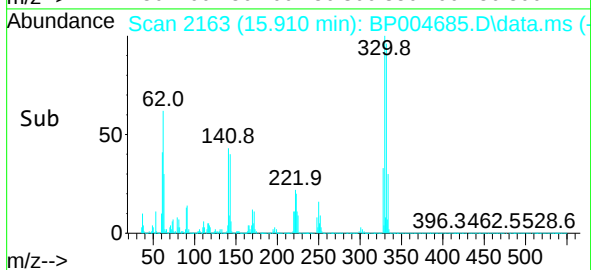
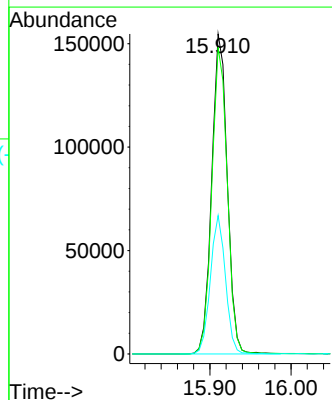
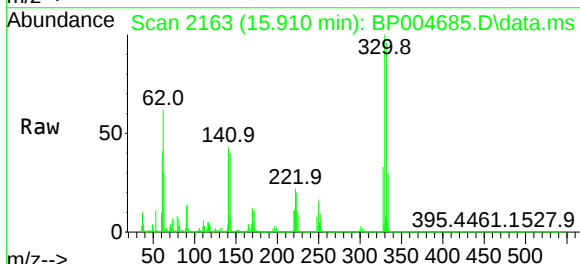
Instrument :
BNA_P
ClientSampleId :
PB134248BL

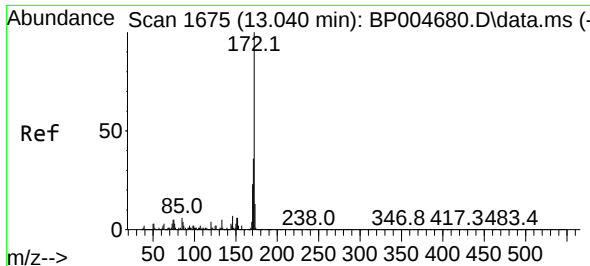
Tgt Ion:164 Resp: 130512
Ion Ratio Lower Upper
164 100
162 101.0 79.4 119.2
160 43.8 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 118.66 ng
RT: 15.910 min Scan# 2163
Delta R.T. -0.006 min
Lab File: BP004685.D
Acq: 05 Feb 2021 18:40

Tgt Ion:330 Resp: 205748
Ion Ratio Lower Upper
330 100
332 95.5 77.1 115.7
141 42.0 23.4 35.2#

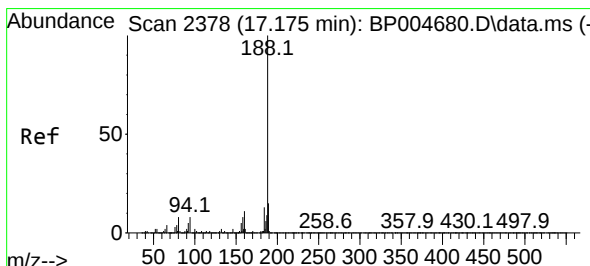
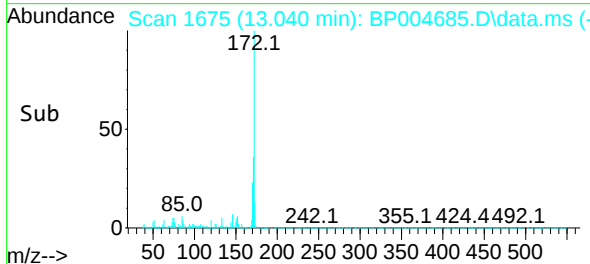
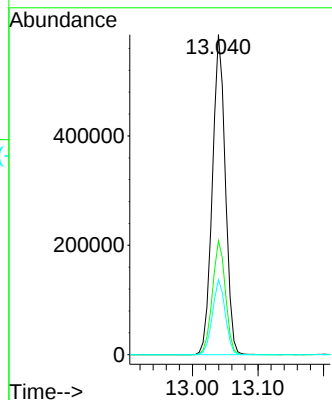
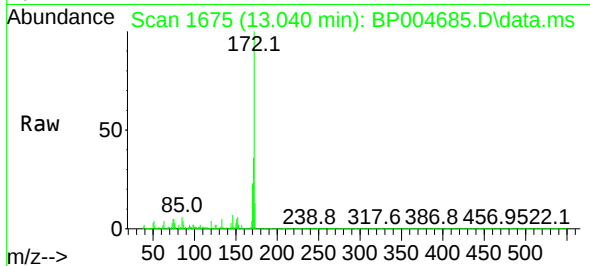




#45
2-Fluorobiphenyl
Concen: 75.27 ng
RT: 13.040 min Scan# 1675
Delta R.T. 0.000 min
Lab File: BP004685.D
Acq: 05 Feb 2021 18:40

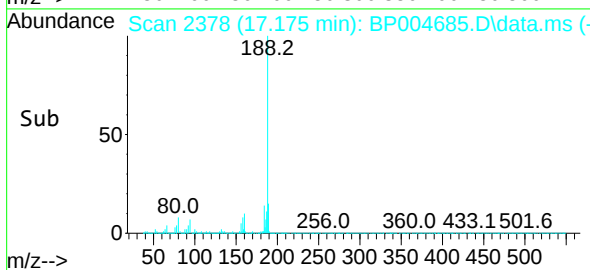
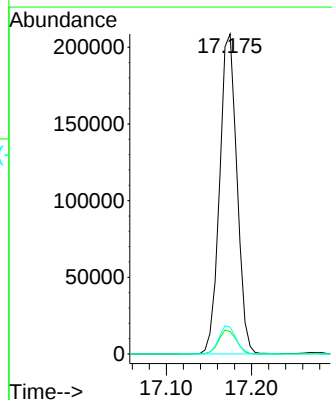
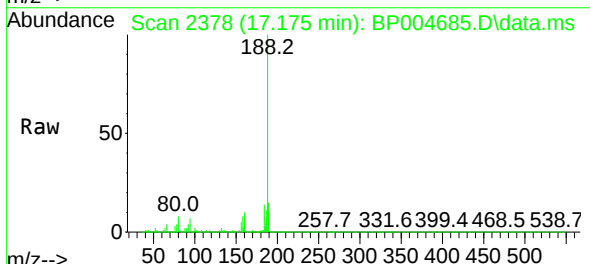
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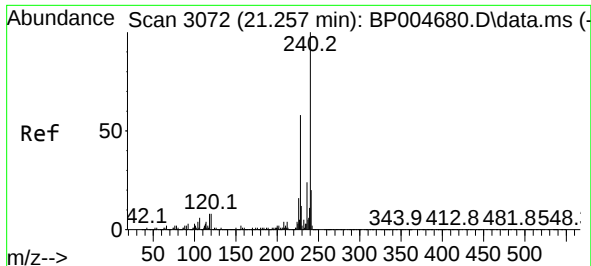
Tgt Ion:	172	Resp:	803736
Ion Ratio	Lower	Upper	
172	100		
171	35.6	28.5	42.7
170	23.4	19.2	28.8



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.175 min Scan# 2378
Delta R.T. 0.000 min
Lab File: BP004685.D
Acq: 05 Feb 2021 18:40

Tgt Ion:	188	Resp:	294743
Ion Ratio	Lower	Upper	
188	100		
94	7.0	6.2	9.2
80	8.4	6.2	9.2

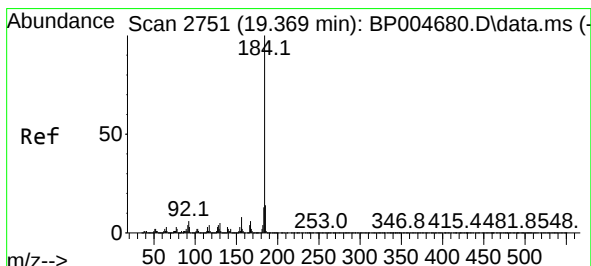
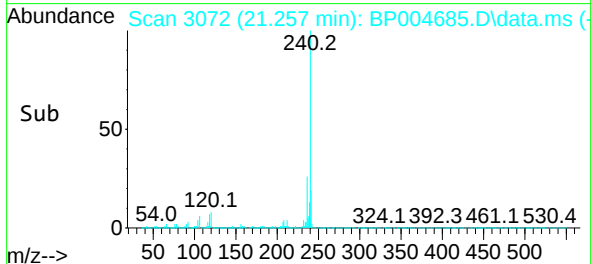
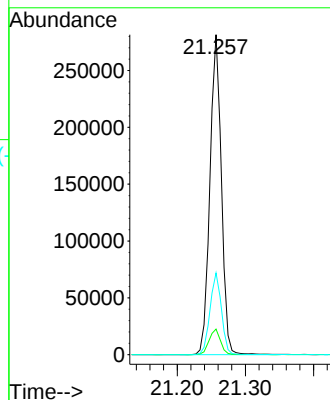
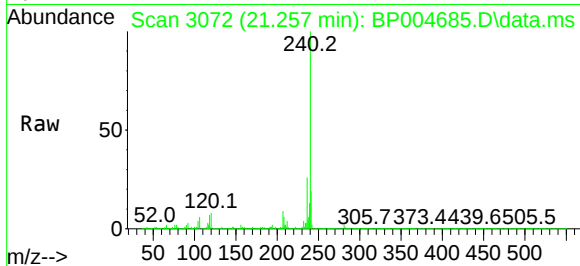




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.257 min Scan# 3072
Delta R.T. -0.000 min
Lab File: BP004685.D
Acq: 05 Feb 2021 18:40

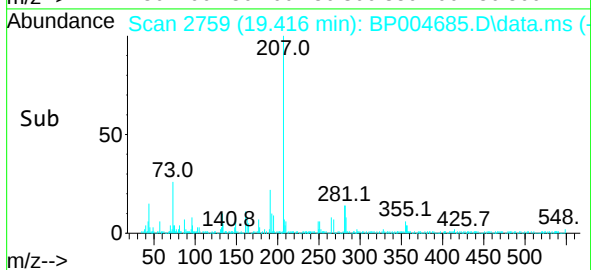
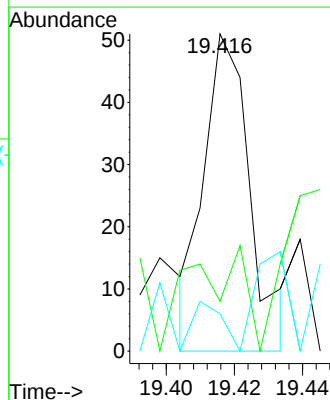
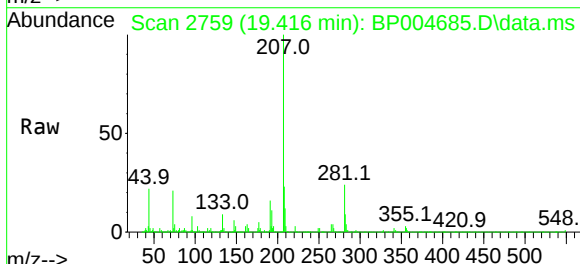
Instrument :
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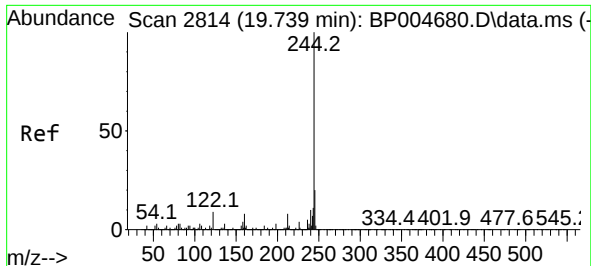
Tgt Ion:240 Resp: 328722
Ion Ratio Lower Upper
240 100
120 8.0 7.8 11.6
236 25.6 20.8 31.2



#77
Benzidine
Concen: 2.14 ng
RT: 19.416 min Scan# 2759
Delta R.T. 0.047 min
Lab File: BP004685.D
Acq: 05 Feb 2021 18:40

Tgt Ion:184 Resp: 48
Ion Ratio Lower Upper
184 100
185 15.7 11.5 17.3
183 11.8 9.6 14.4

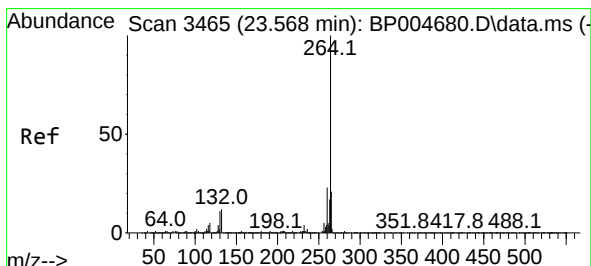
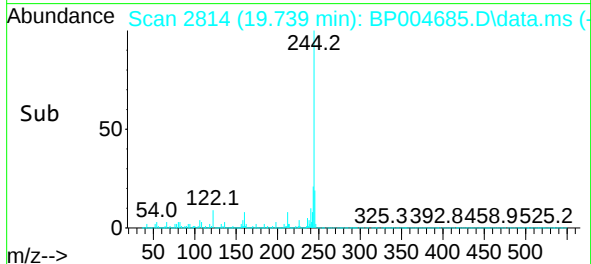
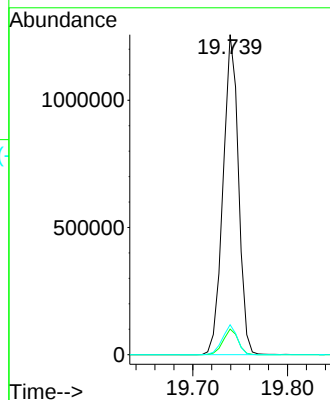
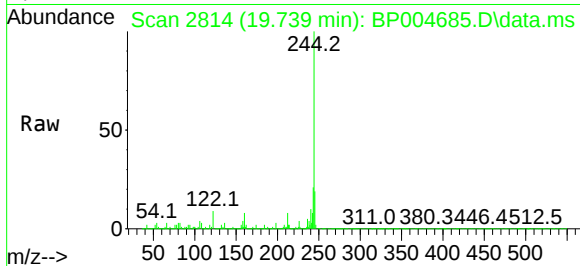




#79
Terphenyl-d14
Concen: 72.66 ng
RT: 19.739 min Scan# 2814
Delta R.T. 0.000 min
Lab File: BP004685.D
Acq: 05 Feb 2021 18:40

Instrument :
BNA_P
ClientSampleId :
PB134248BL

Tgt Ion:244 Resp: 1421939
Ion Ratio Lower Upper
244 100
212 8.0 5.8 8.6
122 9.4 7.8 11.8



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.563 min Scan# 3464
Delta R.T. -0.006 min
Lab File: BP004685.D
Acq: 05 Feb 2021 18:40

Tgt Ion:264 Resp: 327507
Ion Ratio Lower Upper
264 100
260 23.7 18.8 28.2
265 21.2 17.4 26.2

