

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041321\
 Data File : BP005280.D
 Acq On : 13 Apr 2021 11:03
 Operator : CG/JU
 Sample : PB135663BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB135663BL

Quant Time: Apr 14 02:38:42 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP040921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 09 18:44:11 2021
 Response via : Initial Calibration

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

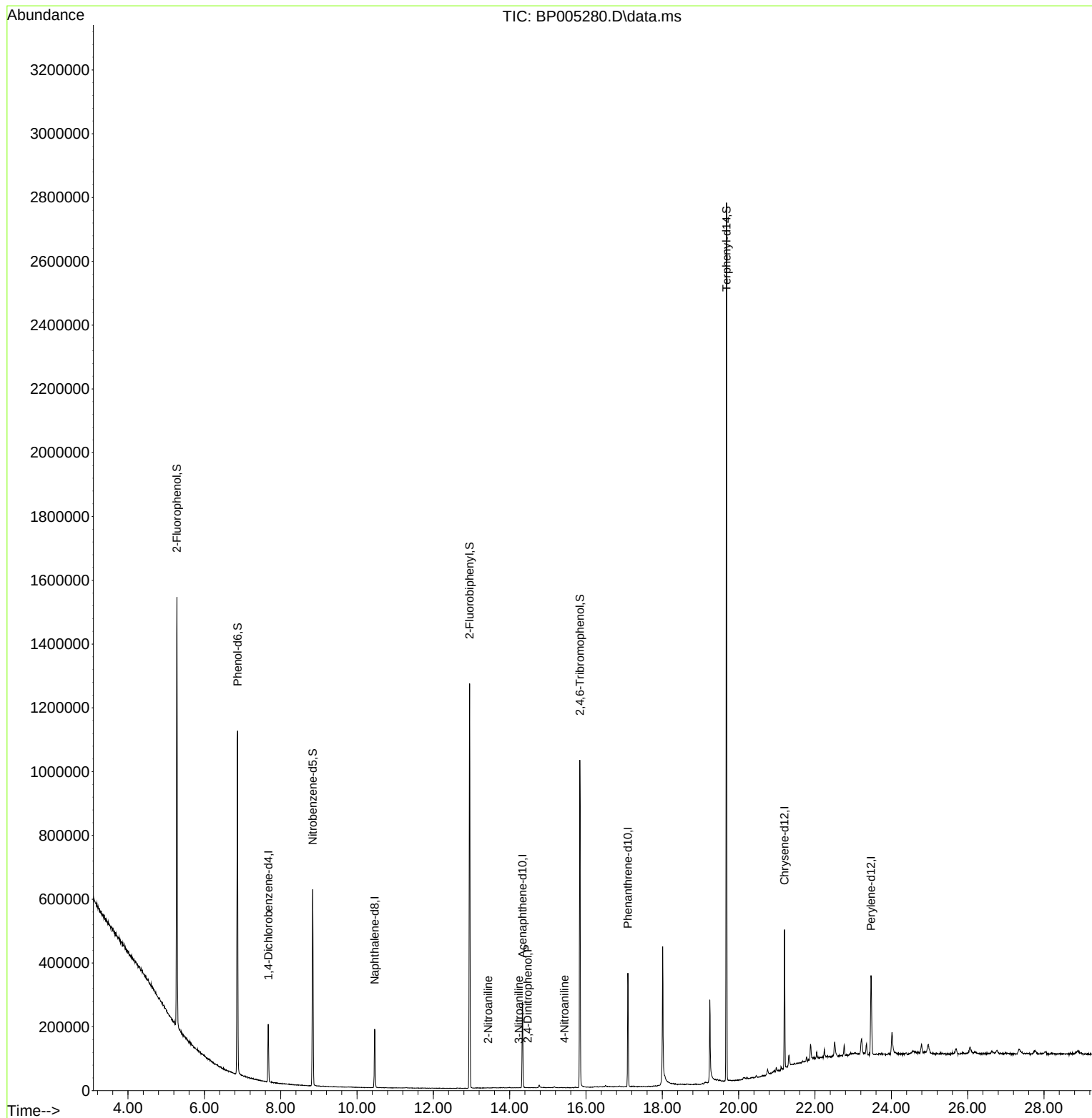
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	38841	20.00	ng	# 0.00
21) Naphthalene-d8	10.463	136	119519	20.00	ng	# 0.00
39) Acenaphthene-d10	14.334	164	73708	20.00	ng	0.00
64) Phenanthrene-d10	17.098	188	176280	20.00	ng	# 0.00
76) Chrysene-d12	21.204	240	191021	20.00	ng	# 0.00
86) Perylene-d12	23.468	264	176595	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	563510	152.26	ng	0.00
7) Phenol-d6	6.869	99	570445	135.09	ng	0.00
23) Nitrobenzene-d5	8.840	82	367298	96.91	ng	0.00
42) 2,4,6-Tribromophenol	15.839	330	141345	151.92	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	525539	96.26	ng	0.00
79) Terphenyl-d14	19.680	244	1036705	106.61	ng	0.00
Target Compounds						
						Qvalue
48) 2-Nitroaniline	13.434	65	48	3.54	ng	# 7
53) 3-Nitroaniline	14.245	138	10	2.48	ng	# 1
54) 2,4-Dinitrophenol	14.475	184	10	6.16	ng	# 12
62) 4-Nitroaniline	15.439	138	15	2.09	ng	# 62

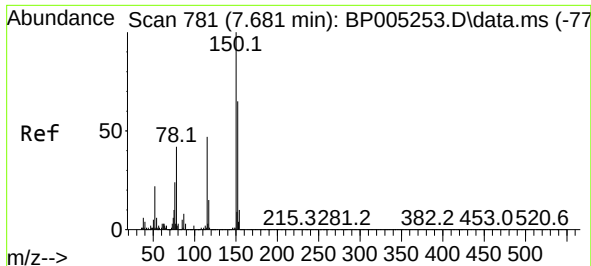
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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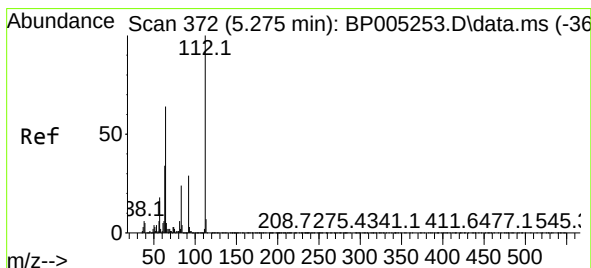
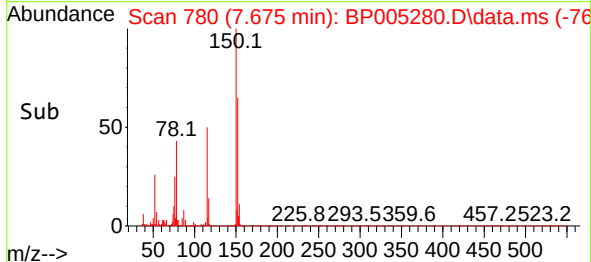
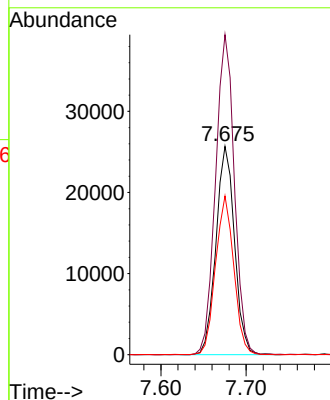
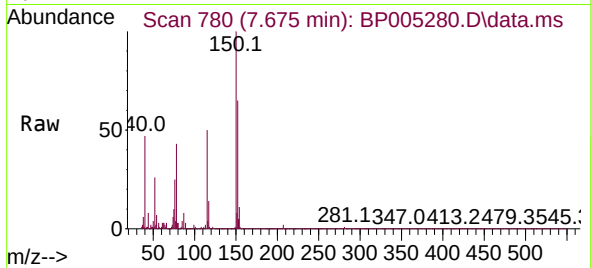




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.675 min Scan# 780
Delta R.T. -0.006 min
Lab File: BP005280.D
Acq: 13 Apr 2021 11:03

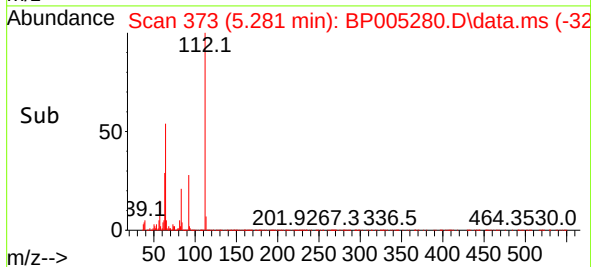
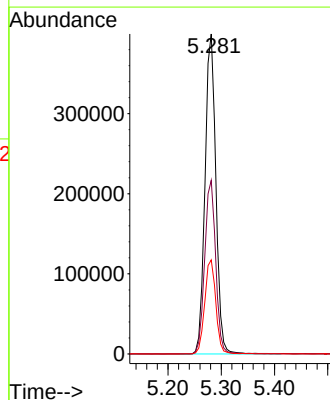
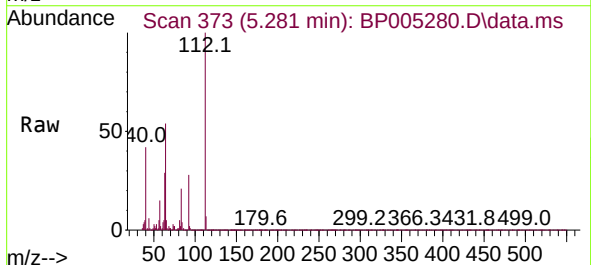
Instrument :
BNA_P
ClientSampleId :
PB135663BL

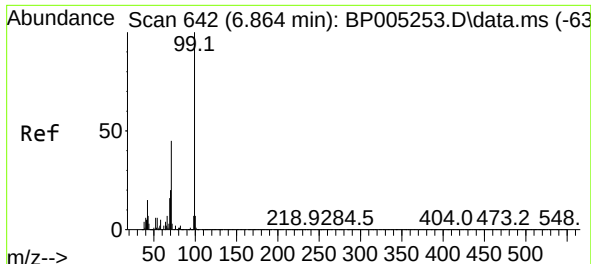
Tgt Ion:152 Resp: 38841
Ion Ratio Lower Upper
152 100
150 153.5 123.8 185.6
115 76.2 43.8 65.6#



#5
2-Fluorophenol
Concen: 152.26 ng
RT: 5.281 min Scan# 373
Delta R.T. 0.006 min
Lab File: BP005280.D
Acq: 13 Apr 2021 11:03

Tgt Ion:112 Resp: 563510
Ion Ratio Lower Upper
112 100
64 54.2 32.8 49.2#
63 29.4 17.0 25.4#

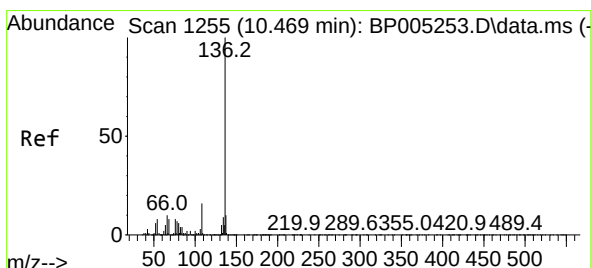
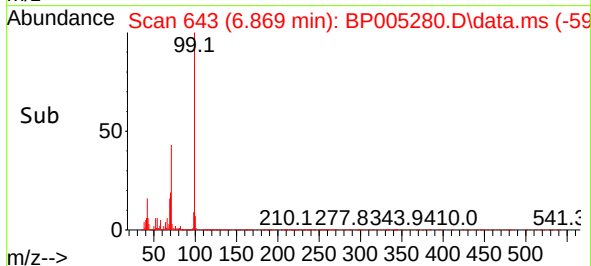
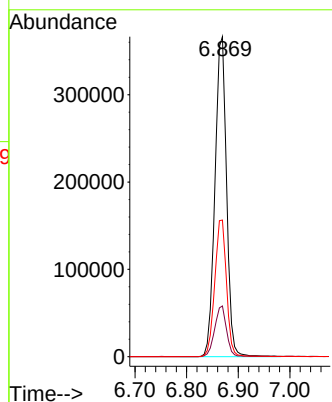
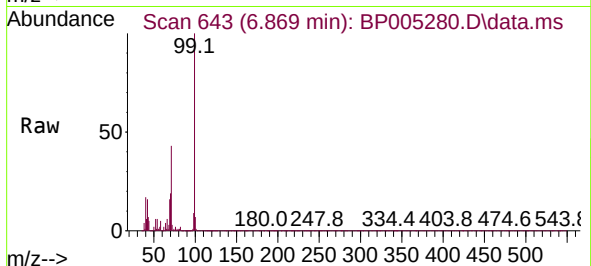




#7
Phenol-d6
Concen: 135.09 ng
RT: 6.869 min Scan# 643
Delta R.T. 0.006 min
Lab File: BP005280.D
Acq: 13 Apr 2021 11:03

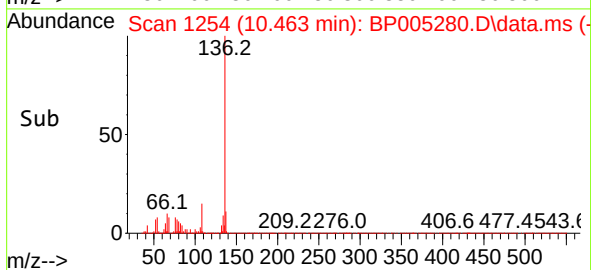
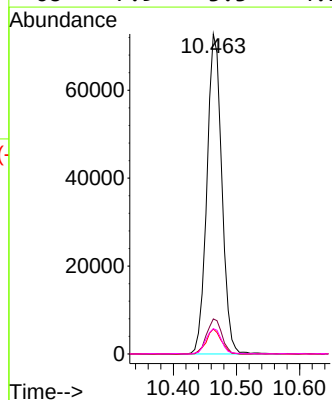
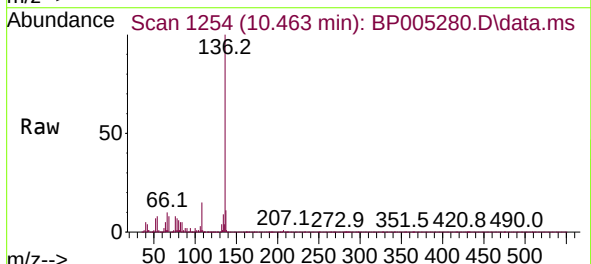
Instrument :
BNA_P
ClientSampleId :
PB135663BL

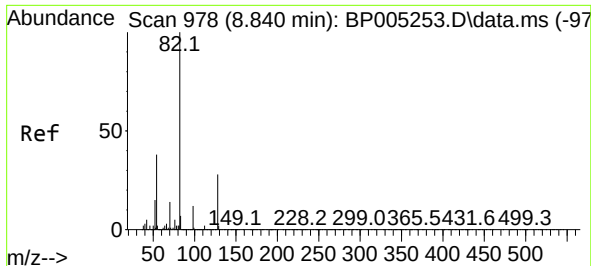
Tgt Ion: 99 Resp: 570445
Ion Ratio Lower Upper
99 100
42 15.9 8.6 13.0#
71 42.7 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.463 min Scan# 1254
Delta R.T. -0.006 min
Lab File: BP005280.D
Acq: 13 Apr 2021 11:03

Tgt Ion: 136 Resp: 119519
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 7.8 3.6 5.4#
68 7.9 3.3 4.9#

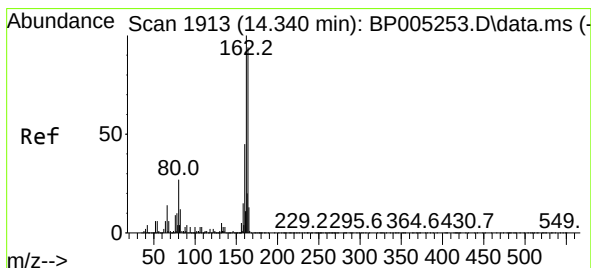
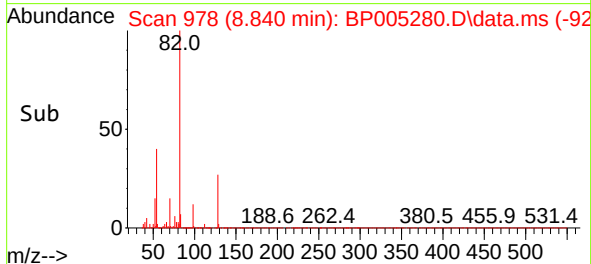
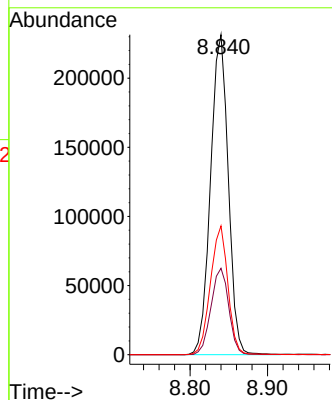
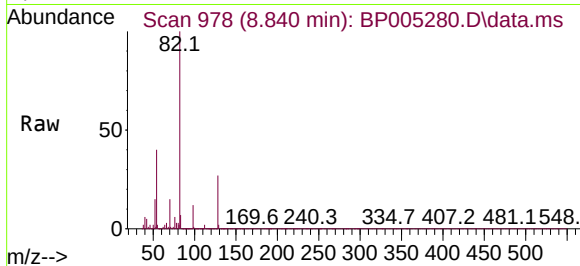




#23
Nitrobenzene-d5
Concen: 96.91 ng
RT: 8.840 min Scan# 978
Delta R.T. -0.000 min
Lab File: BP005280.D
Acq: 13 Apr 2021 11:03

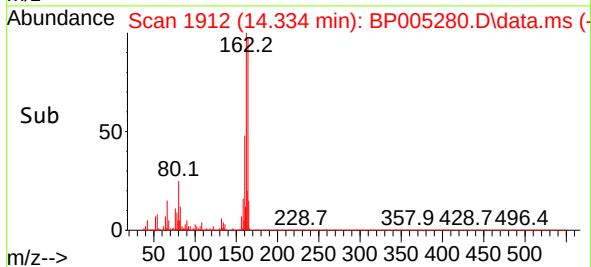
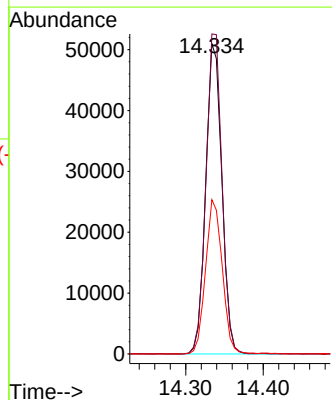
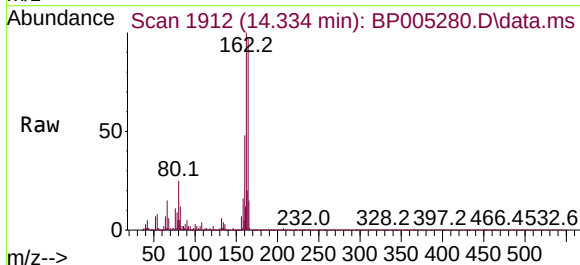
Instrument :
BNA_P
ClientSampleId :
PB135663BL

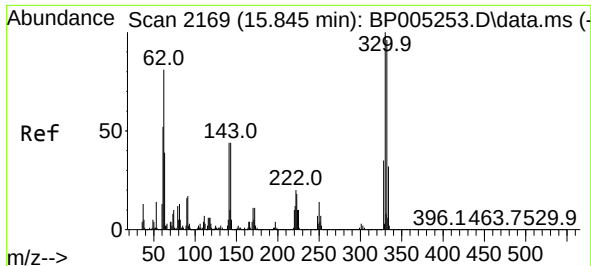
Tgt Ion: 82 Resp: 367298
Ion Ratio Lower Upper
82 100
128 27.0 45.6 68.4#
54 40.2 30.1 45.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.334 min Scan# 1912
Delta R.T. -0.006 min
Lab File: BP005280.D
Acq: 13 Apr 2021 11:03

Tgt Ion:164 Resp: 73708
Ion Ratio Lower Upper
164 100
162 103.2 79.4 119.2
160 49.7 36.1 54.1

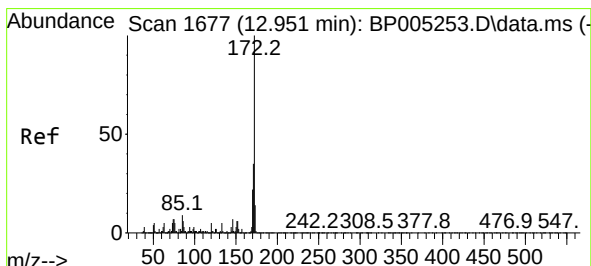
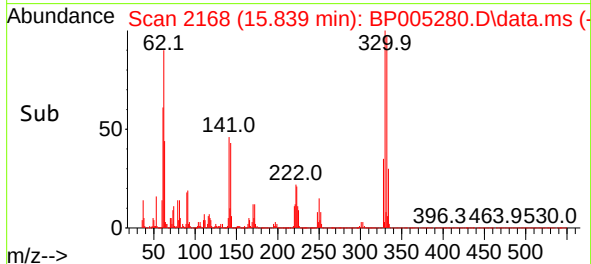
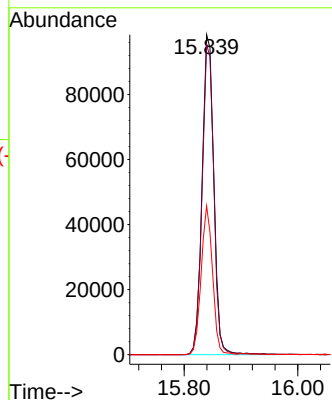
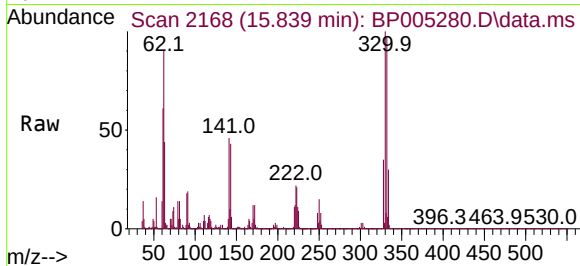




#42
2,4,6-Tribromophenol
Concen: 151.92 ng
RT: 15.839 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BP005280.D
Acq: 13 Apr 2021 11:03

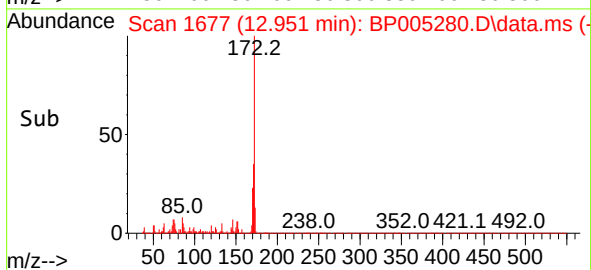
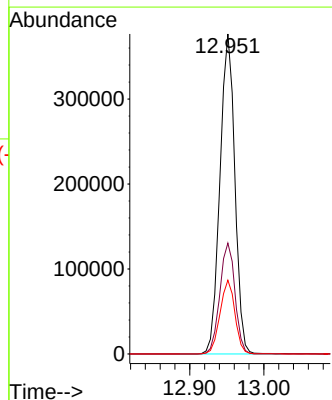
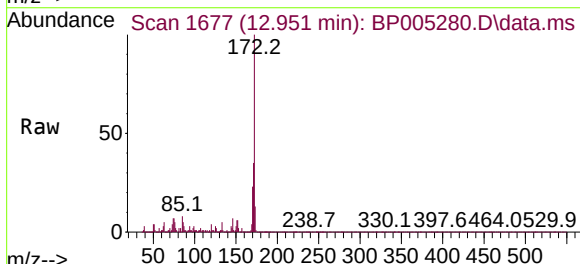
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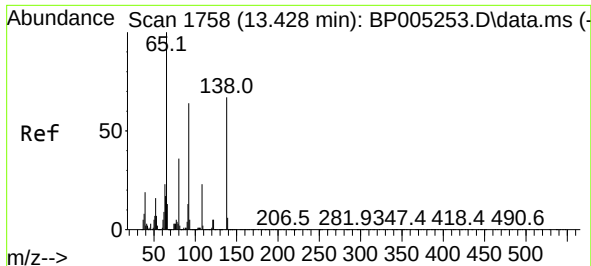
Tgt Ion:330 Resp: 141345
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 45.2 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 96.26 ng
RT: 12.951 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BP005280.D
Acq: 13 Apr 2021 11:03

Tgt Ion:172 Resp: 525539
Ion Ratio Lower Upper
172 100
171 34.7 28.5 42.7
170 23.0 19.2 28.8

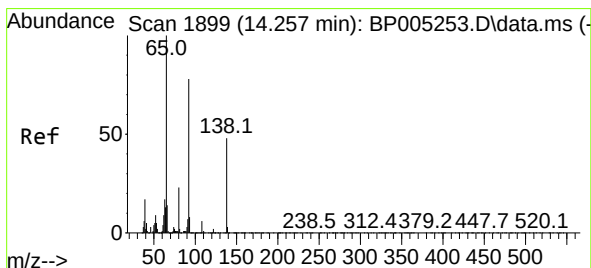
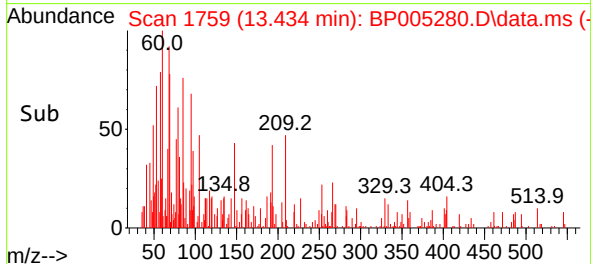
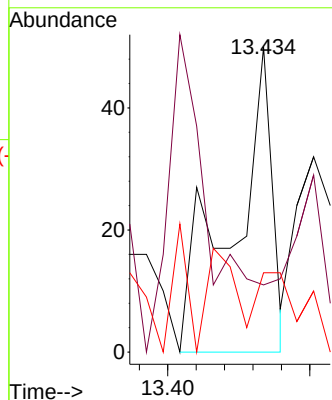
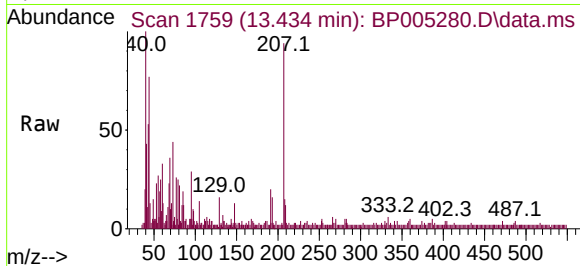




#48
2-Nitroaniline
Concen: 3.54 ng
RT: 13.434 min Scan# 1759
Delta R.T. 0.006 min
Lab File: BP005280.D
Acq: 13 Apr 2021 11:03

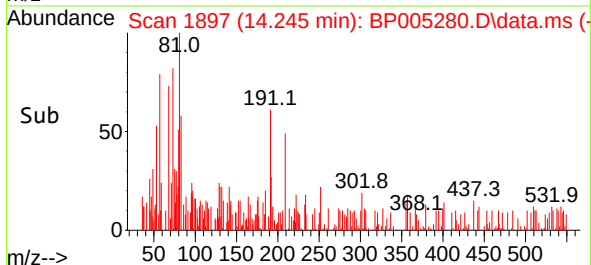
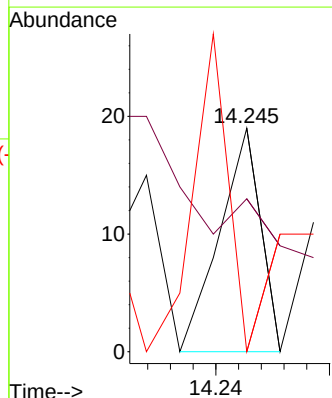
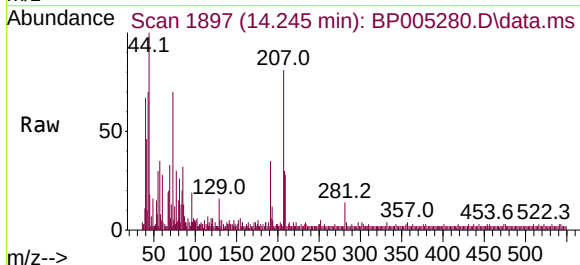
Instrument :
BNA_P
ClientSampleId :
PB135663BL

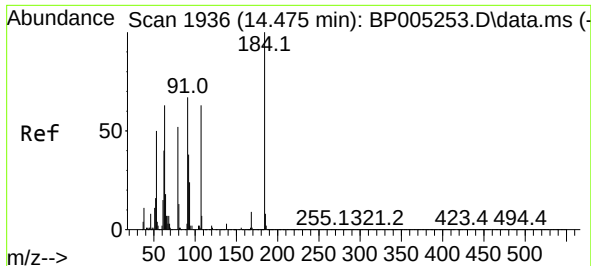
Tgt Ion: 65 Resp: 48
Ion Ratio Lower Upper
65 100
92 22.0 70.6 106.0#
138 26.0 133.6 200.4#



#53
3-Nitroaniline
Concen: 2.48 ng
RT: 14.245 min Scan# 1897
Delta R.T. -0.012 min
Lab File: BP005280.D
Acq: 13 Apr 2021 11:03

Tgt Ion:138 Resp: 10
Ion Ratio Lower Upper
138 100
108 68.4 7.5 11.3#
92 0.0 75.0 112.6#

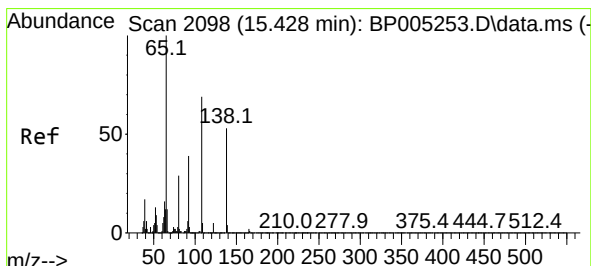
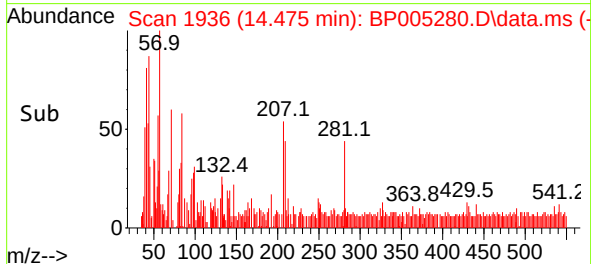
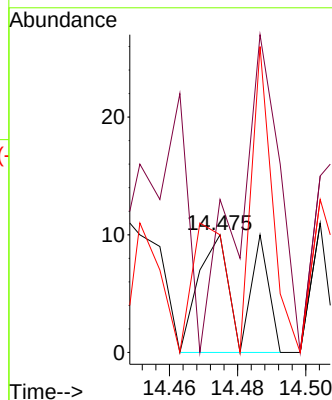
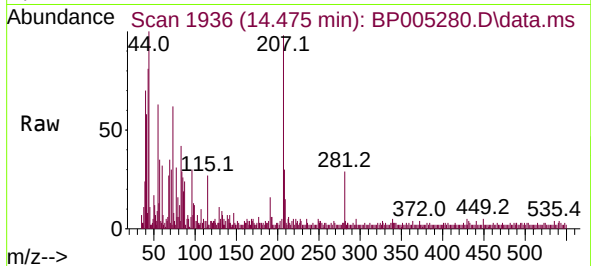




#54
2,4-Dinitrophenol
Concen: 6.16 ng
RT: 14.475 min Scan# 1936
Delta R.T. -0.000 min
Lab File: BP005280.D
Acq: 13 Apr 2021 11:03

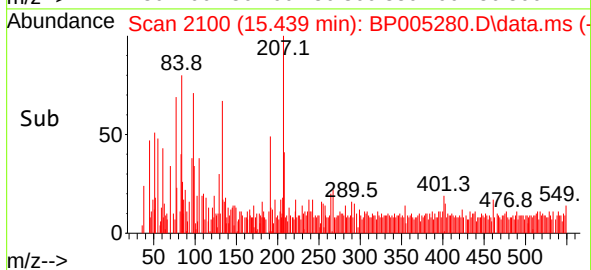
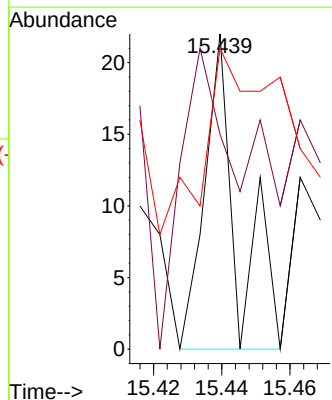
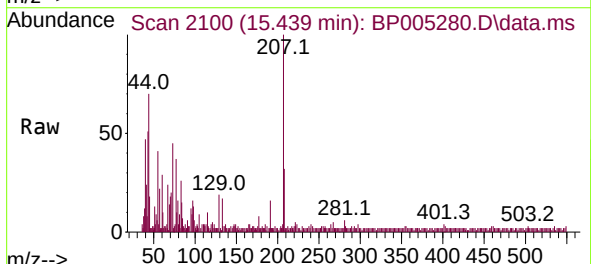
Instrument :
BNA_P
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PB135663BL

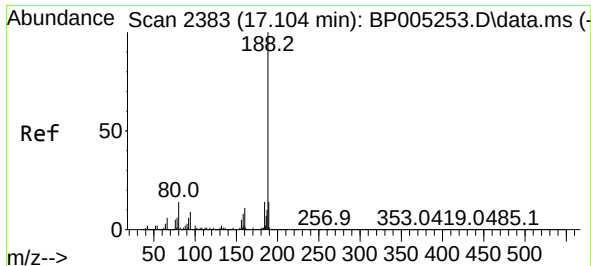
Tgt Ion:184 Resp: 10
Ion Ratio Lower Upper
184 100
63 130.0 32.3 48.5#
154 100.0 49.1 73.7#



#62
4-Nitroaniline
Concen: 2.09 ng
RT: 15.439 min Scan# 2100
Delta R.T. 0.011 min
Lab File: BP005280.D
Acq: 13 Apr 2021 11:03

Tgt Ion:138 Resp: 15
Ion Ratio Lower Upper
138 100
92 68.2 20.7 60.7#
108 95.5 47.8 87.8#

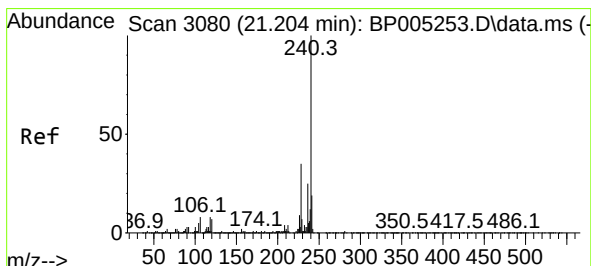
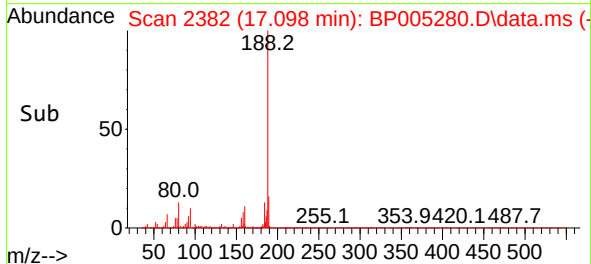
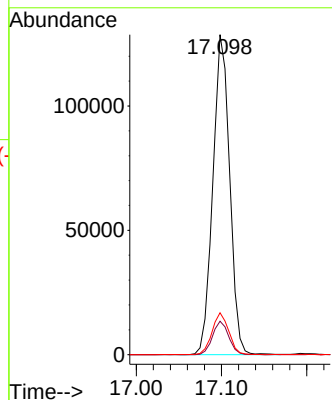
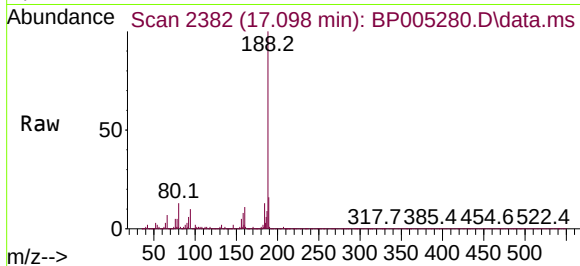




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.098 min Scan# 2382
Delta R.T. -0.006 min
Lab File: BP005280.D
Acq: 13 Apr 2021 11:03

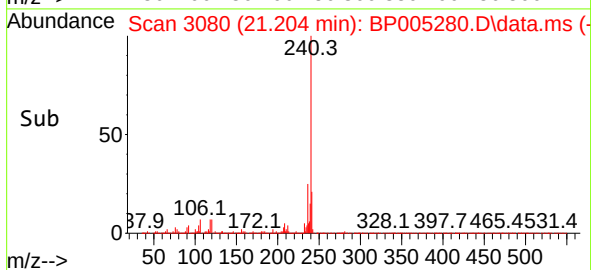
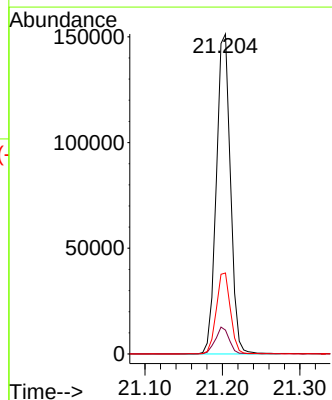
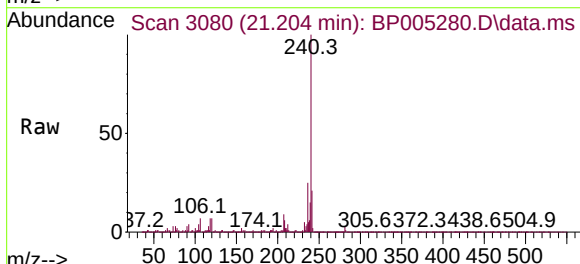
Instrument :
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PB135663BL

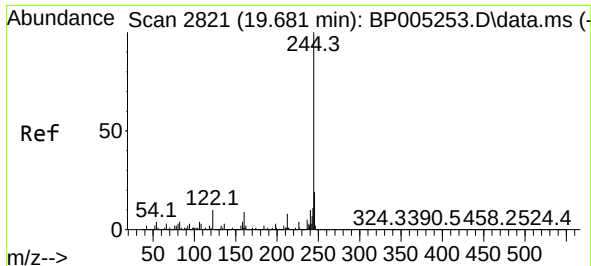
Tgt Ion:188 Resp: 176280
Ion Ratio Lower Upper
188 100
94 10.4 6.2 9.2#
80 13.1 6.2 9.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.204 min Scan# 3080
Delta R.T. -0.000 min
Lab File: BP005280.D
Acq: 13 Apr 2021 11:03

Tgt Ion:240 Resp: 191021
Ion Ratio Lower Upper
240 100
120 7.5 7.8 11.6#
236 25.3 20.8 31.2



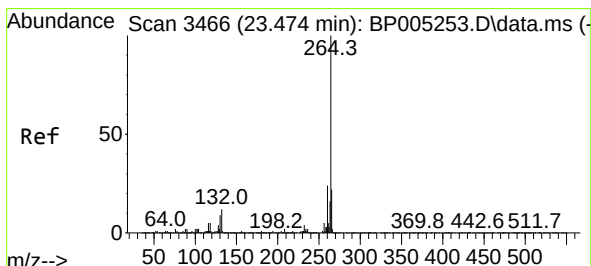
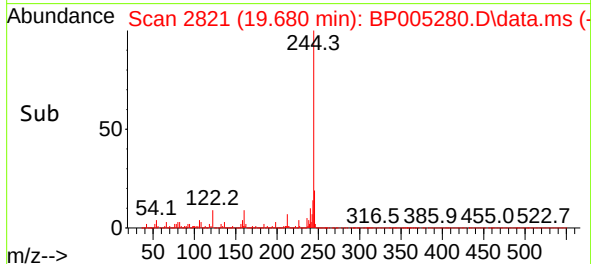
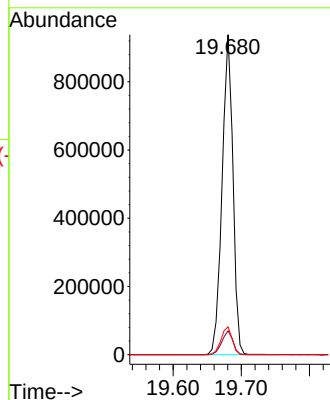
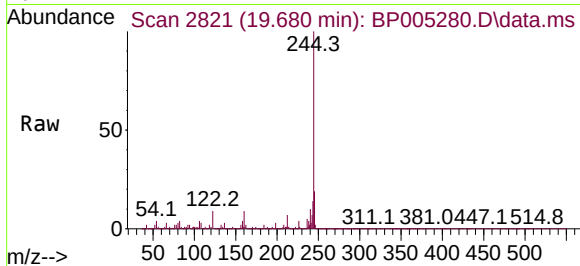


#79
 Terphenyl-d14
 Concen: 106.61 ng
 RT: 19.680 min Scan# 2821
 Delta R.T. -0.000 min
 Lab File: BP005280.D
 Acq: 13 Apr 2021 11:03

Instrument :
 BNA_P
 ClientSampleId :
 PB135663BL

Tgt Ion:244 Resp: 1036705

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.6
122	8.7	7.8	11.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.468 min Scan# 3465
 Delta R.T. -0.006 min
 Lab File: BP005280.D
 Acq: 13 Apr 2021 11:03

Tgt Ion:264 Resp: 176595

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.8	28.2
265	22.1	17.4	26.2

