

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040921\
 Data File : BP005258.D
 Acq On : 09 Apr 2021 19:18
 Operator : CG/JU
 Sample : PB135623BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB135623BL

Quant Time: Apr 09 23:57:27 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)

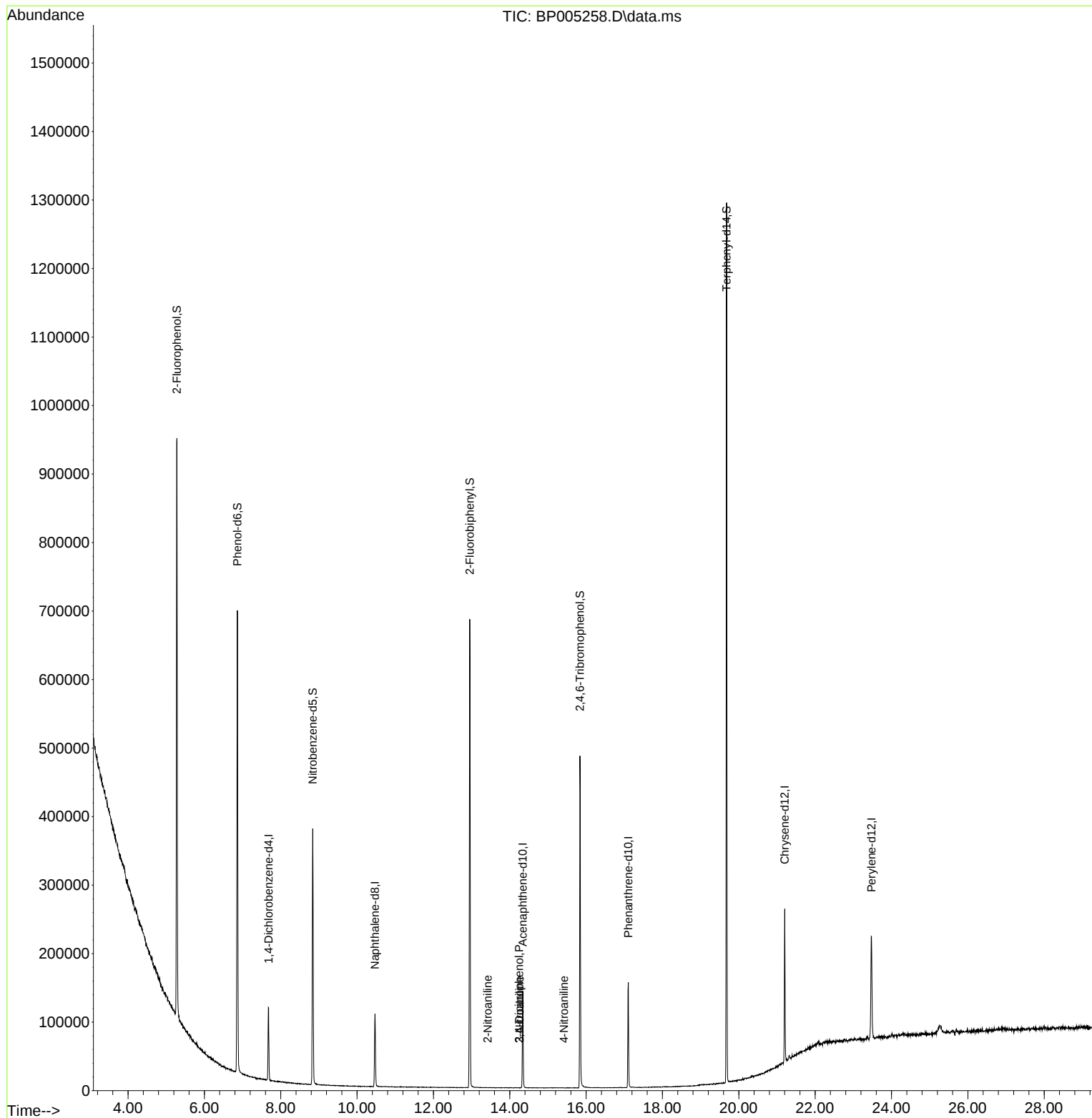
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.681	152	23915	20.00	ng	# 0.00
21) Naphthalene-d8	10.469	136	72309	20.00	ng	# 0.00
39) Acenaphthene-d10	14.340	164	37796	20.00	ng	# 0.00
64) Phenanthrene-d10	17.104	188	78591	20.00	ng	# 0.00
76) Chrysene-d12	21.204	240	89359	20.00	ng	# 0.00
86) Perylene-d12	23.474	264	105249	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	336403	147.63	ng	0.00
7) Phenol-d6	6.864	99	340460	130.94	ng	0.00
23) Nitrobenzene-d5	8.840	82	227277	99.12	ng	0.00
42) 2,4,6-Tribromophenol	15.839	330	63712	133.54	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	292933	104.63	ng	0.00
79) Terphenyl-d14	19.680	244	468062	102.90	ng	0.00
Target Compounds						
						Qvalue
48) 2-Nitroaniline	13.422	65	14	3.53	ng	# 41
53) 3-Nitroaniline	14.257	138	5	2.48	ng	# 1
54) 2,4-Dinitrophenol	14.245	184	12	6.18	ng	94
62) 4-Nitroaniline	15.416	138	15	2.10	ng	94

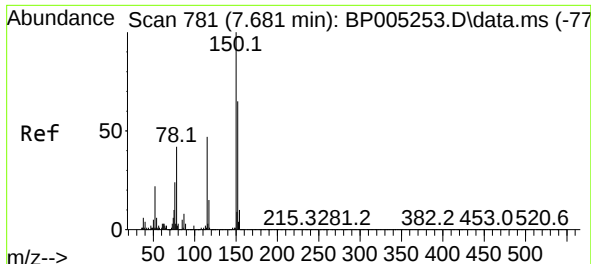
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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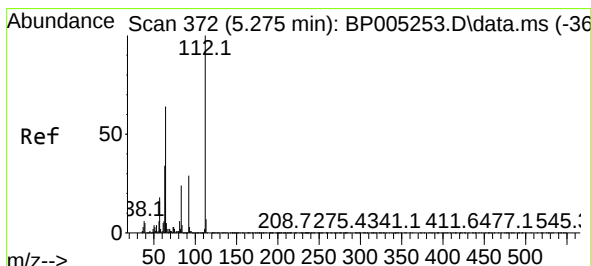
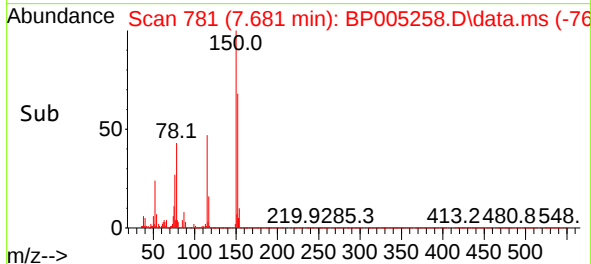
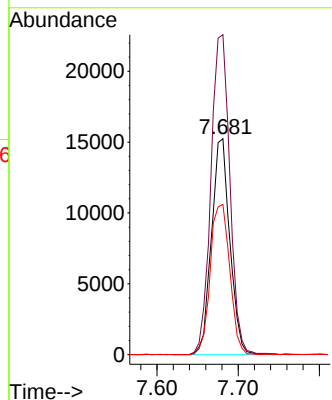
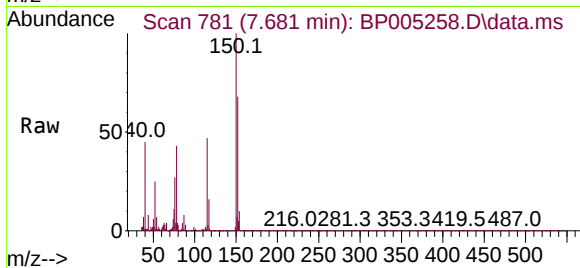




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.681 min Scan# 781
Delta R.T. 0.000 min
Lab File: BP005258.D
Acq: 09 Apr 2021 19:18

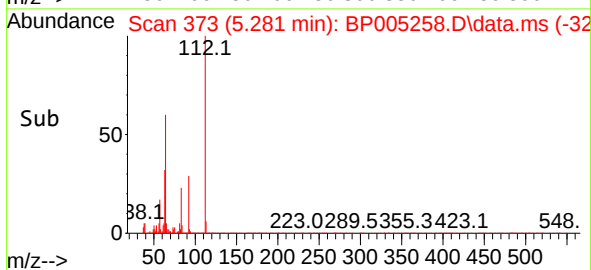
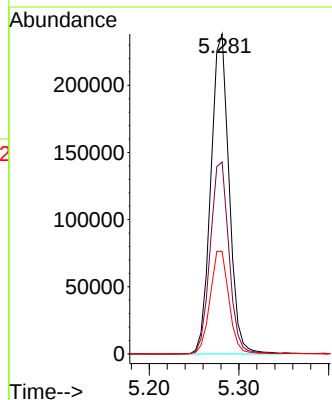
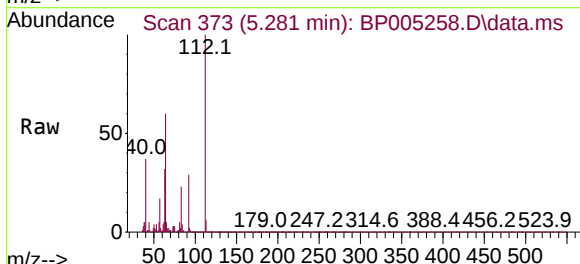
Instrument :
BNA_P
ClientSampleId :
PB135623BL

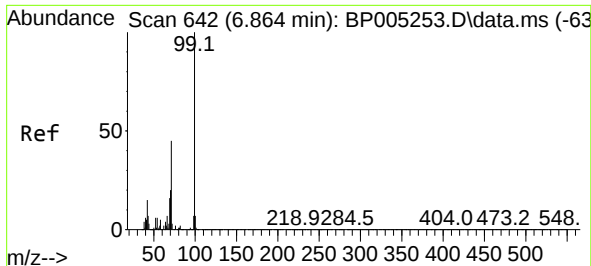
Tgt Ion:152 Resp: 23915
Ion Ratio Lower Upper
152 100
150 148.1 123.8 185.6
115 69.6 43.8 65.6#



#5
2-Fluorophenol
Concen: 147.63 ng
RT: 5.281 min Scan# 373
Delta R.T. 0.006 min
Lab File: BP005258.D
Acq: 09 Apr 2021 19:18

Tgt Ion:112 Resp: 336403
Ion Ratio Lower Upper
112 100
64 60.0 32.8 49.2#
63 32.1 17.0 25.4#

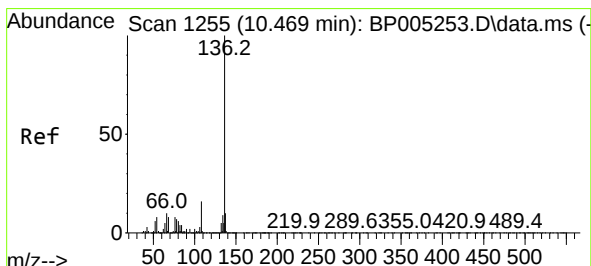
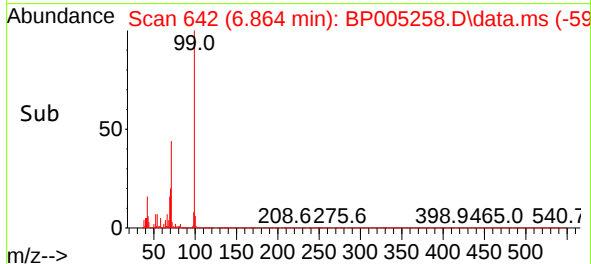
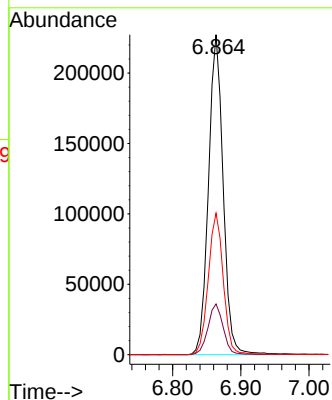
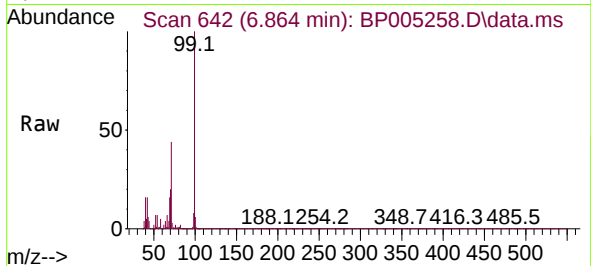




#7
Phenol-d6
Concen: 130.94 ng
RT: 6.864 min Scan# 642
Delta R.T. -0.000 min
Lab File: BP005258.D
Acq: 09 Apr 2021 19:18

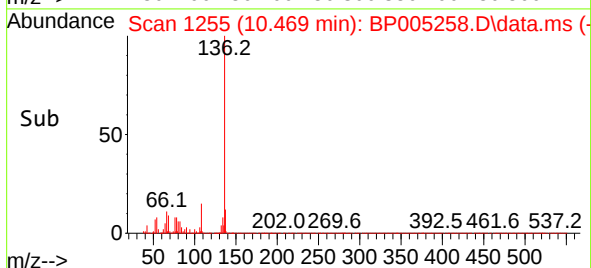
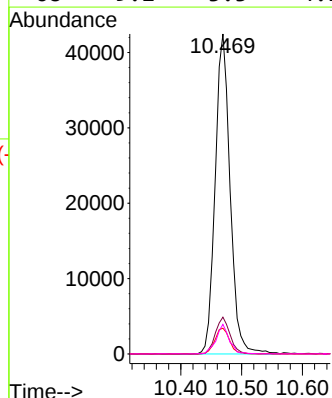
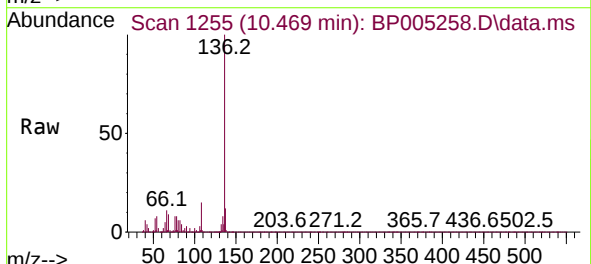
Instrument :
BNA_P
ClientSampleId :
PB135623BL

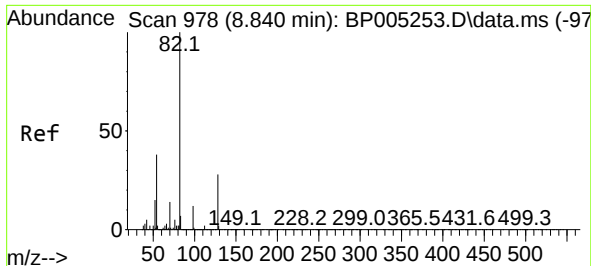
Tgt Ion: 99 Resp: 340460
Ion Ratio Lower Upper
99 100
42 15.8 8.6 13.0#
71 44.2 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.469 min Scan# 1255
Delta R.T. -0.000 min
Lab File: BP005258.D
Acq: 09 Apr 2021 19:18

Tgt Ion:136 Resp: 72309
Ion Ratio Lower Upper
136 100
137 11.5 8.6 13.0
54 8.1 3.6 5.4#
68 9.2 3.3 4.9#

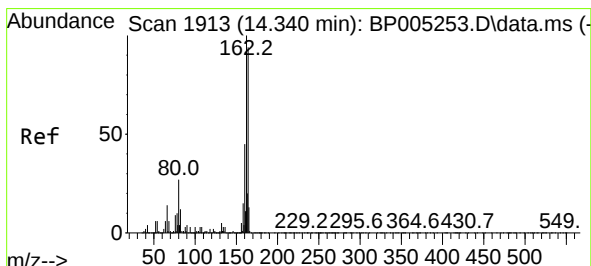
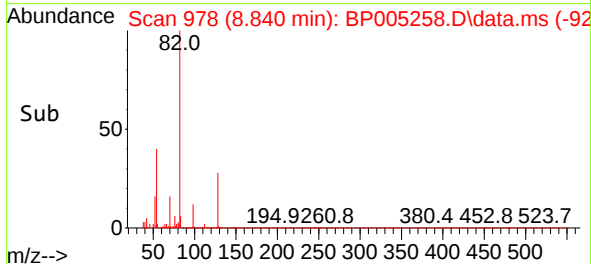
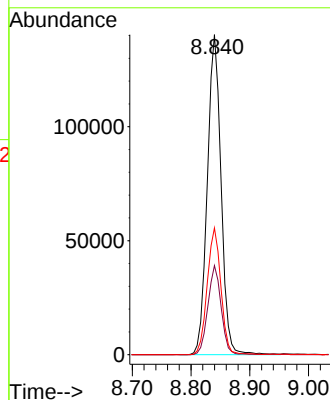
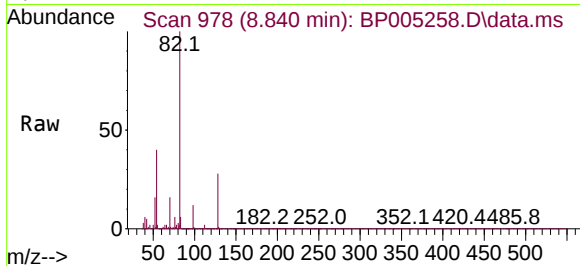




#23
Nitrobenzene-d5
Concen: 99.12 ng
RT: 8.840 min Scan# 978
Delta R.T. -0.000 min
Lab File: BP005258.D
Acq: 09 Apr 2021 19:18

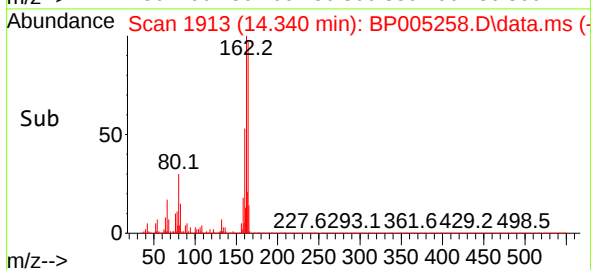
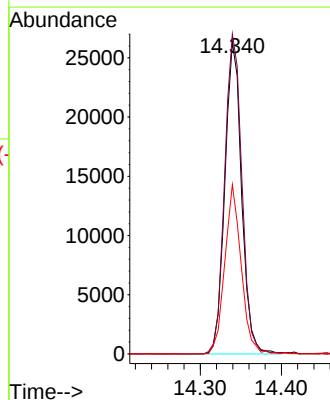
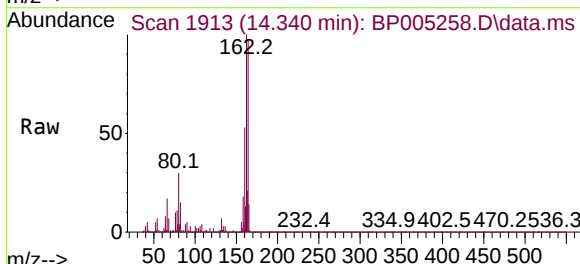
Instrument :
BNA_P
ClientSampleId :
PB135623BL

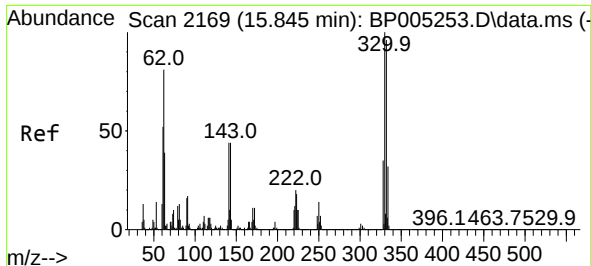
Tgt Ion: 82 Resp: 227277
Ion Ratio Lower Upper
82 100
128 27.8 45.6 68.4#
54 39.6 30.1 45.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.340 min Scan# 1913
Delta R.T. -0.000 min
Lab File: BP005258.D
Acq: 09 Apr 2021 19:18

Tgt Ion: 164 Resp: 37796
Ion Ratio Lower Upper
164 100
162 102.6 79.4 119.2
160 54.3 36.1 54.1#

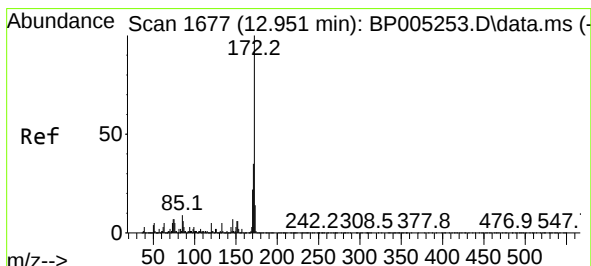
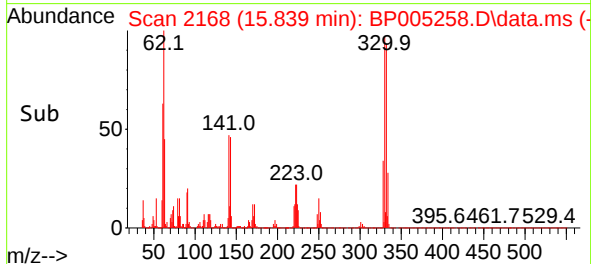
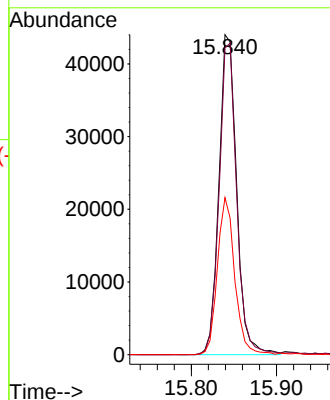
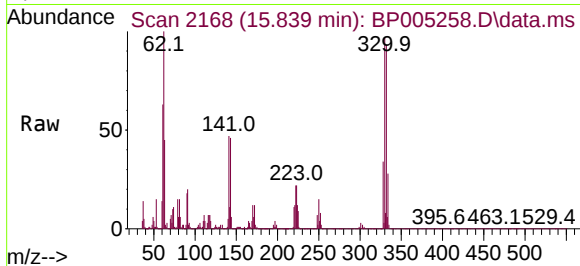




#42
2,4,6-Tribromophenol
Concen: 133.54 ng
RT: 15.839 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BP005258.D
Acq: 09 Apr 2021 19:18

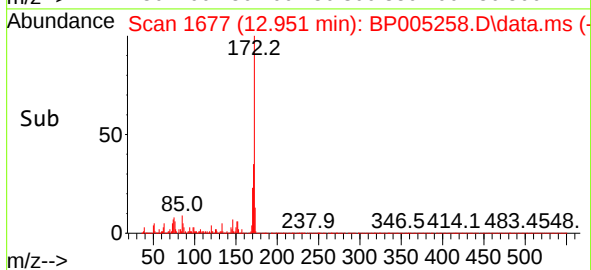
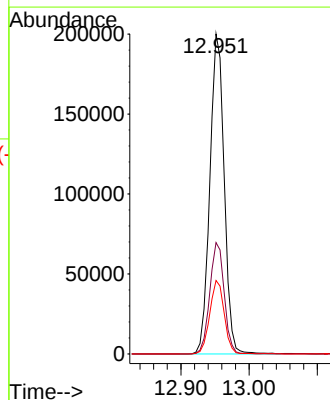
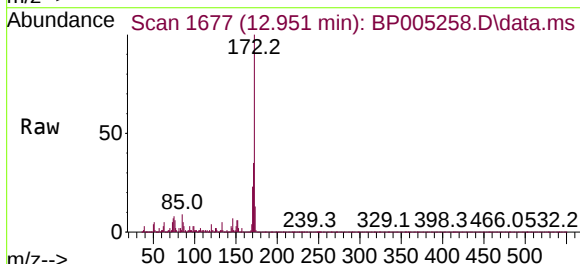
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ClientSampleId :
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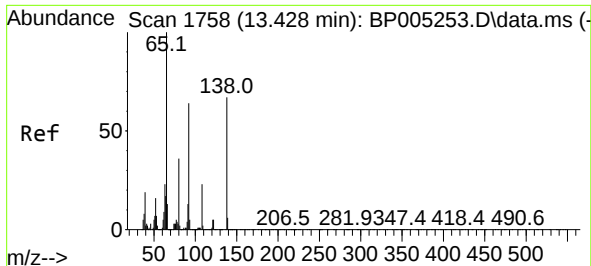
Tgt Ion:330 Resp: 63712
Ion Ratio Lower Upper
330 100
332 96.1 77.1 115.7
141 47.9 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 104.63 ng
RT: 12.951 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BP005258.D
Acq: 09 Apr 2021 19:18

Tgt Ion:172 Resp: 292933
Ion Ratio Lower Upper
172 100
171 34.8 28.5 42.7
170 23.0 19.2 28.8

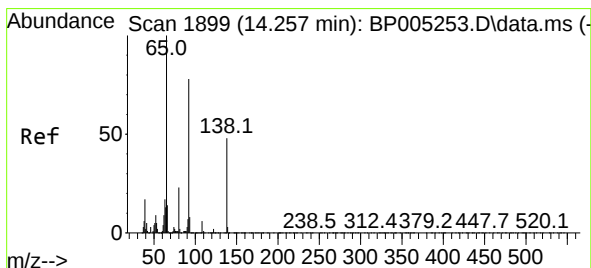
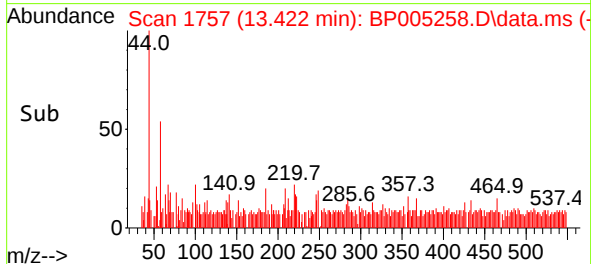
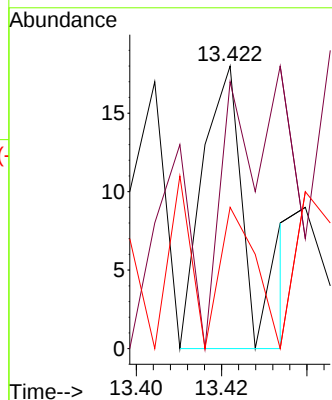
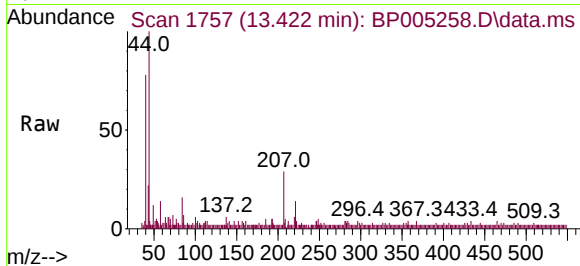




#48
2-Nitroaniline
Concen: 3.53 ng
RT: 13.422 min Scan# 1757
Delta R.T. -0.006 min
Lab File: BP005258.D
Acq: 09 Apr 2021 19:18

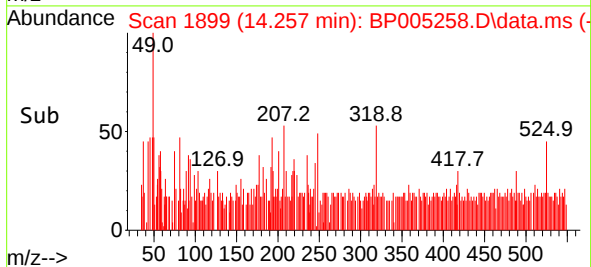
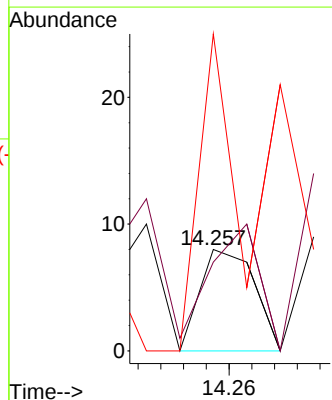
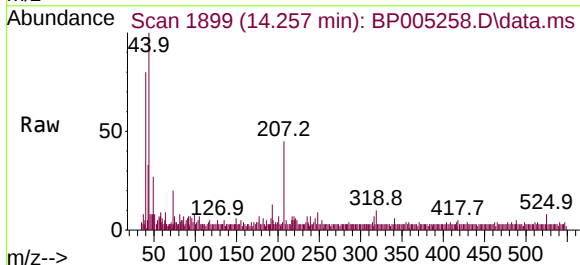
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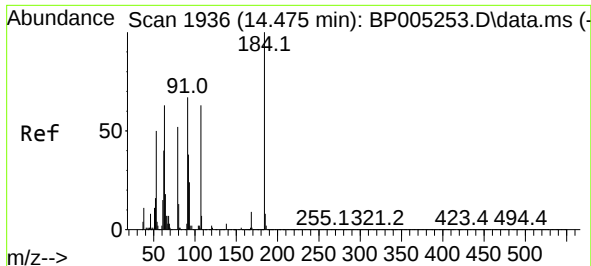
Tgt Ion:	65	Resp:	14
Ion	Ratio	Lower	Upper
65	100		
92	94.4	70.6	106.0
138	50.0	133.6	200.4#



#53
3-Nitroaniline
Concen: 2.48 ng
RT: 14.257 min Scan# 1899
Delta R.T. 0.000 min
Lab File: BP005258.D
Acq: 09 Apr 2021 19:18

Tgt Ion:	138	Resp:	5
Ion	Ratio	Lower	Upper
138	100		
108	87.5	7.5	11.3#
92	312.5	75.0	112.6#

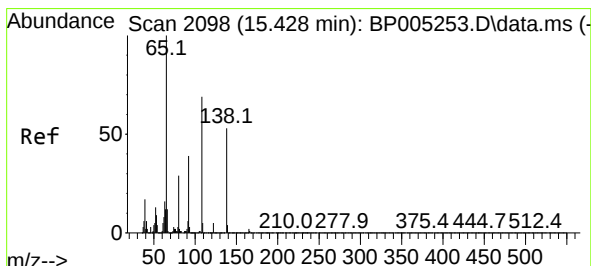
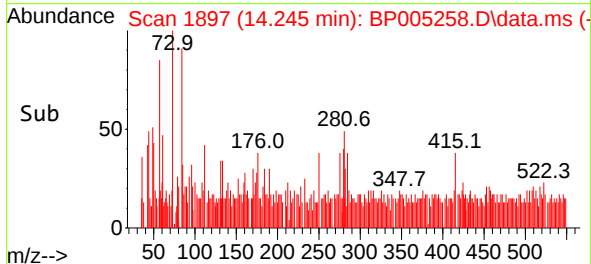
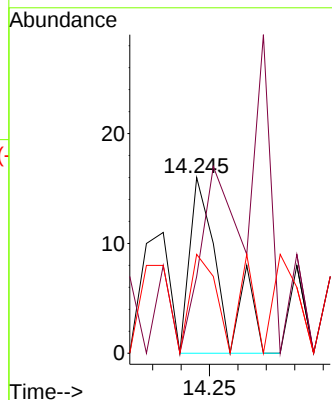
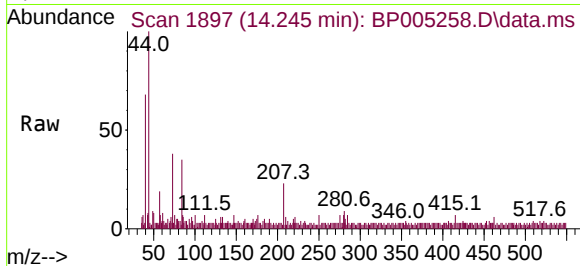




#54
2,4-Dinitrophenol
Concen: 6.18 ng
RT: 14.245 min Scan# 1897
Delta R.T. -0.230 min
Lab File: BP005258.D
Acq: 09 Apr 2021 19:18

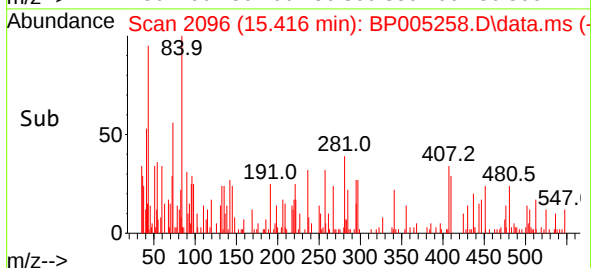
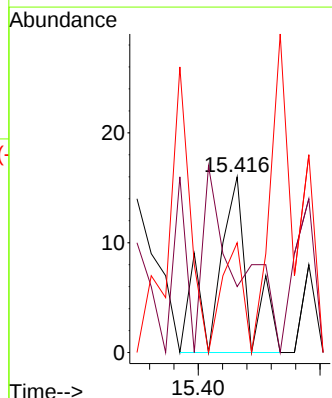
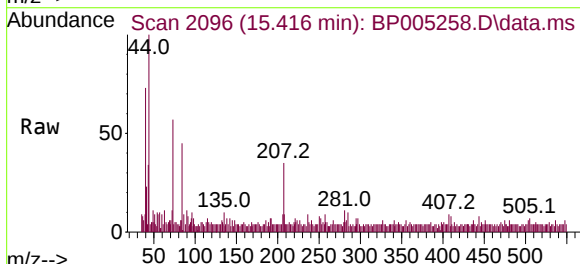
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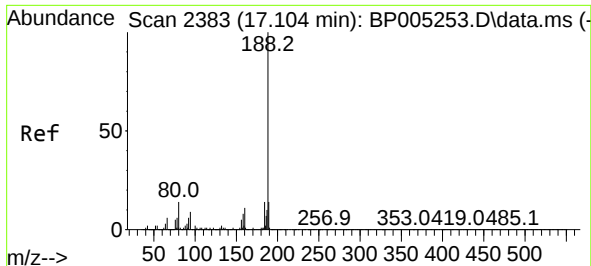
Tgt Ion:184	Resp:	12
Ion Ratio	Lower	Upper
184	100	
63	43.8	32.3 48.5
154	56.3	49.1 73.7



#62
4-Nitroaniline
Concen: 2.10 ng
RT: 15.416 min Scan# 2096
Delta R.T. -0.012 min
Lab File: BP005258.D
Acq: 09 Apr 2021 19:18

Tgt Ion:138	Resp:	15
Ion Ratio	Lower	Upper
138	100	
92	37.5	20.7 60.7
108	62.5	47.8 87.8

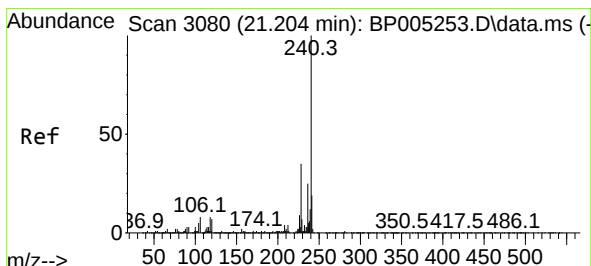
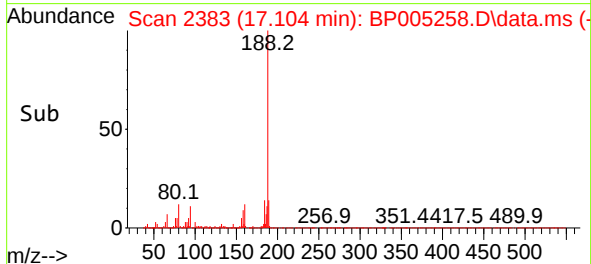
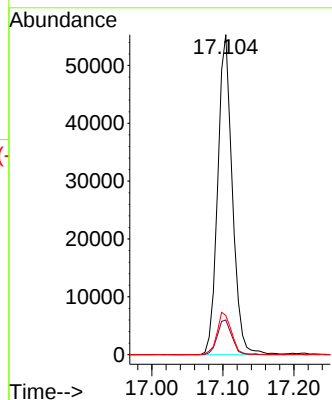
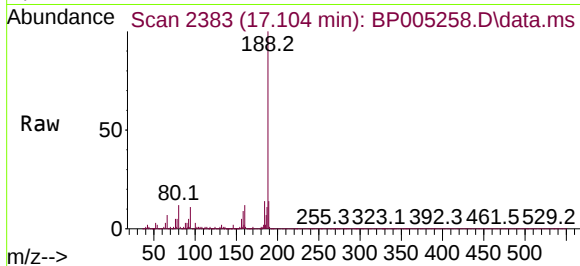




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.104 min Scan# 2383
Delta R.T. -0.000 min
Lab File: BP005258.D
Acq: 09 Apr 2021 19:18

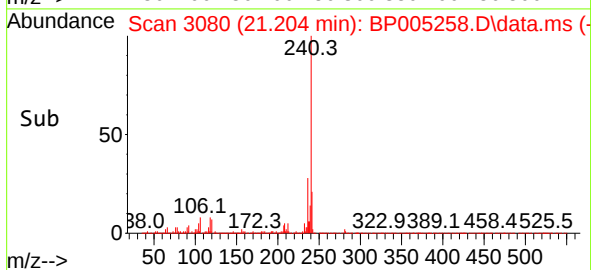
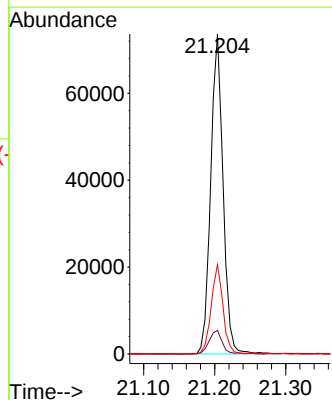
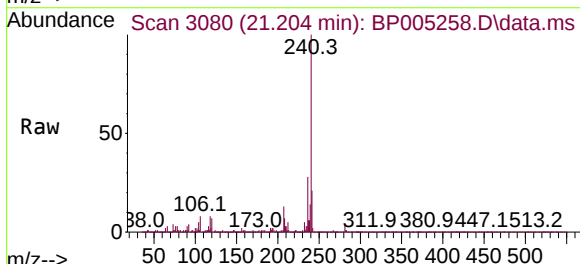
Instrument :
BNA_P
ClientSampleId :
PB135623BL

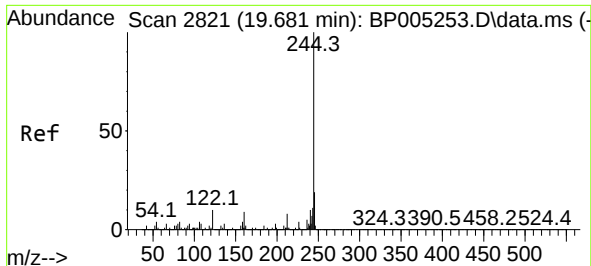
Tgt Ion:188 Resp: 78591
Ion Ratio Lower Upper
188 100
94 10.9 6.2 9.2#
80 12.3 6.2 9.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.204 min Scan# 3080
Delta R.T. -0.000 min
Lab File: BP005258.D
Acq: 09 Apr 2021 19:18

Tgt Ion:240 Resp: 89359
Ion Ratio Lower Upper
240 100
120 7.4 7.8 11.6#
236 27.9 20.8 31.2

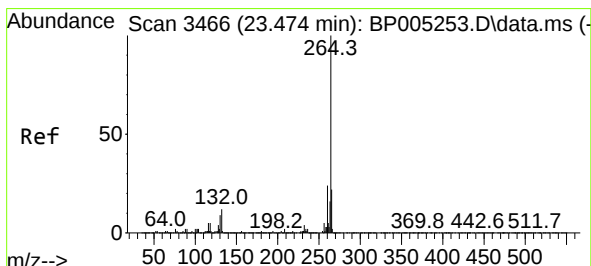
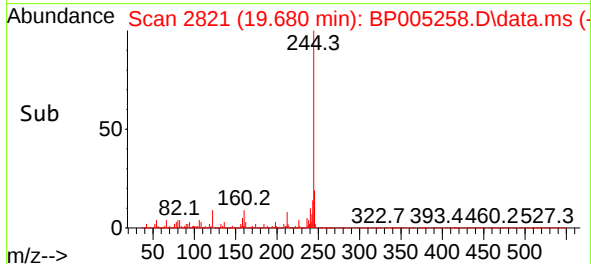
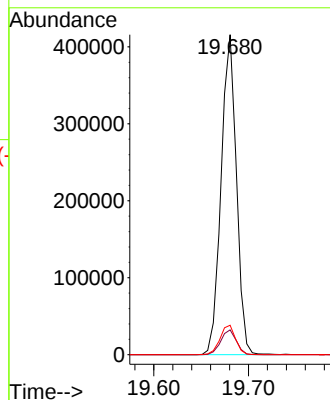
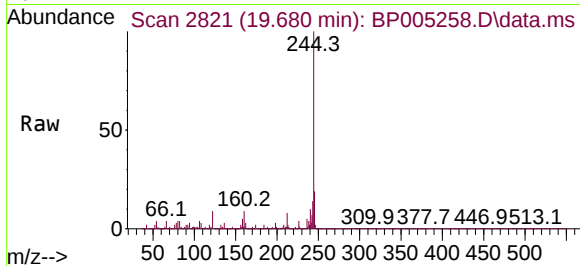




#79
 Terphenyl-d14
 Concen: 102.90 ng
 RT: 19.680 min Scan# 2821
 Delta R.T. -0.000 min
 Lab File: BP005258.D
 Acq: 09 Apr 2021 19:18

Instrument :
 BNA_P
 ClientSampleId :
 PB135623BL

Tgt Ion:244	Resp:	468062	
Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.8	8.6
122	9.2	7.8	11.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.474 min Scan# 3466
 Delta R.T. -0.000 min
 Lab File: BP005258.D
 Acq: 09 Apr 2021 19:18

Tgt	Ion:264	Resp:	105249
Ion	Ratio	Lower	Upper
264	100		
260	21.5	18.8	28.2
265	21.4	17.4	26.2

