

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041221\
 Data File : BP005270.D
 Acq On : 12 Apr 2021 17:25
 Operator : CG/JU
 Sample : M1967-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB1-B

Quant Time: Apr 12 18:37:54 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)

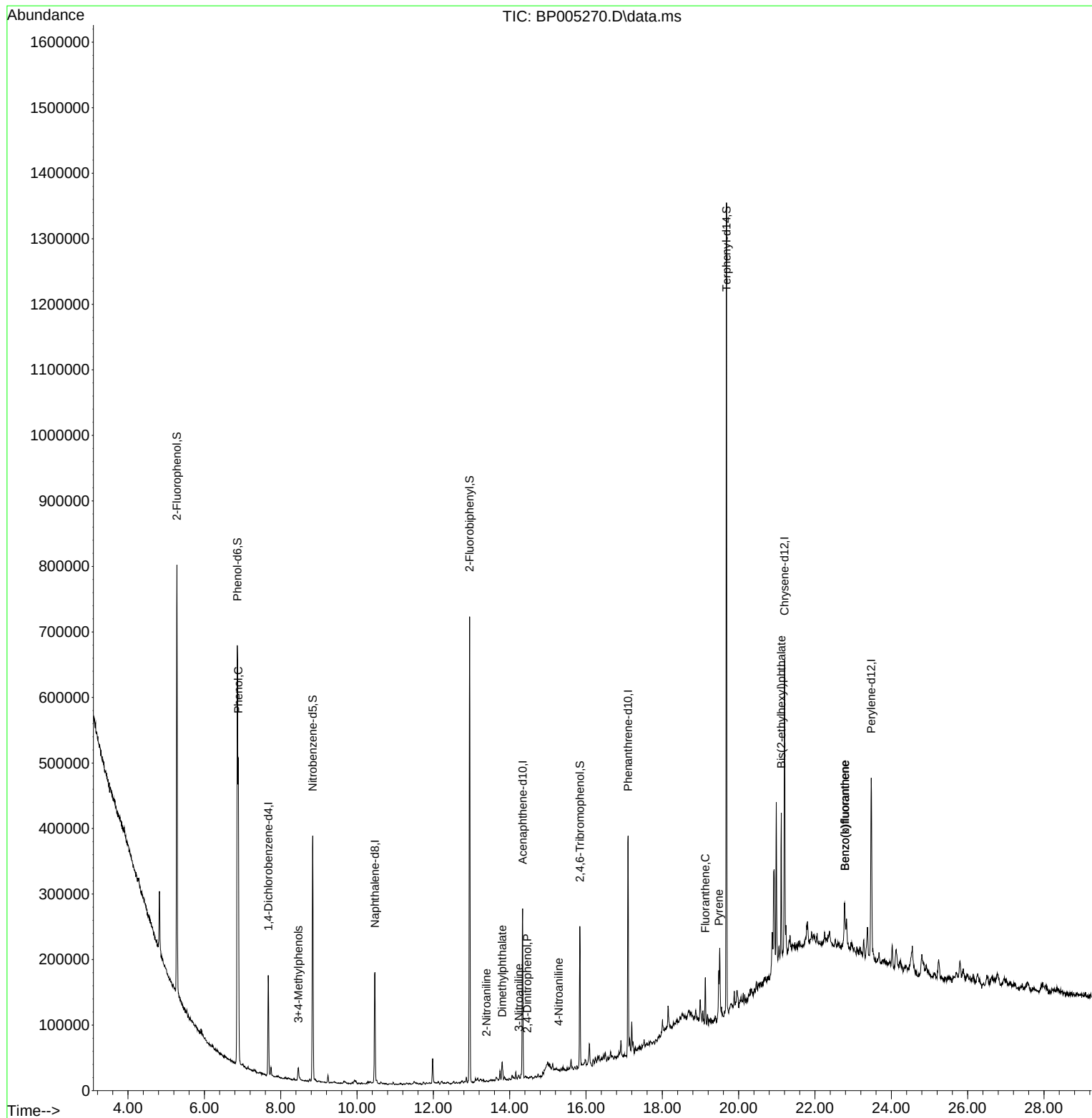
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	33515	20.00	ng	# 0.00
21) Naphthalene-d8	10.469	136	116287	20.00	ng	# 0.00
39) Acenaphthene-d10	14.340	164	71650	20.00	ng	0.00
64) Phenanthrene-d10	17.104	188	169810	20.00	ng	# 0.00
76) Chrysene-d12	21.204	240	188505	20.00	ng	0.00
86) Perylene-d12	23.474	264	186389	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	268479	84.07	ng	0.00
7) Phenol-d6	6.863	99	341154	93.63	ng	0.00
23) Nitrobenzene-d5	8.840	82	231380	62.75	ng	0.00
42) 2,4,6-Tribromophenol	15.839	330	29732	32.87	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	299124	56.36	ng	0.00
79) Terphenyl-d14	19.680	244	484613	50.50	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.893	94	228030	61.10	ng	75
20) 3+4-Methylphenols	8.463	107	9062	3.38	ng	83
48) 2-Nitroaniline	13.393	65	81	3.56	ng	# 1
50) Dimethylphthalate	13.804	163	12858	2.44	ng	# 96
53) 3-Nitroaniline	14.245	138	45	2.51	ng	# 1
54) 2,4-Dinitrophenol	14.463	184	19	6.17	ng	# 1
62) 4-Nitroaniline	15.287	138	87	2.15	ng	88
75) Fluoranthene	19.128	202	34962	2.97	ng	96
78) Pyrene	19.480	202	38329	3.27	ng	97
84) Bis(2-ethylhexyl)phtha...	21.116	149	58917	8.57	ng	99
88) Benzo(b)fluoranthene	22.786	252	32186	2.64	ng	# 82
89) Benzo(k)fluoranthene	22.786	252	32186	2.75	ng	# 83

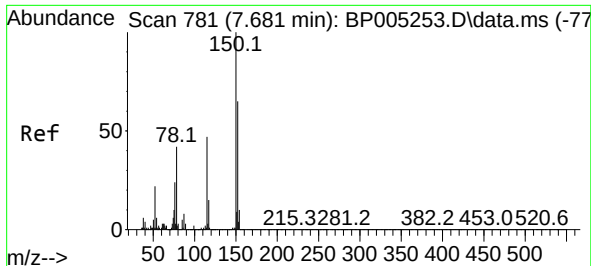
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041221\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 09 18:44:11 2021
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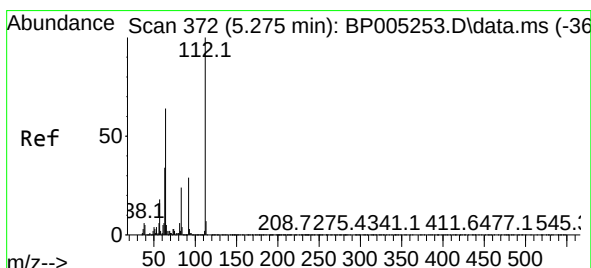
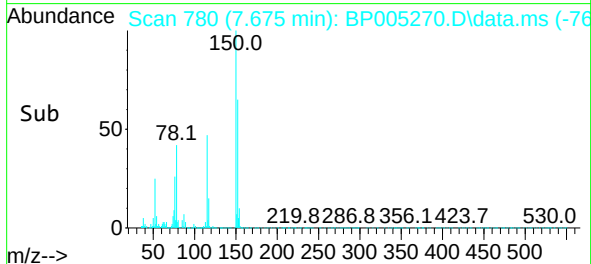
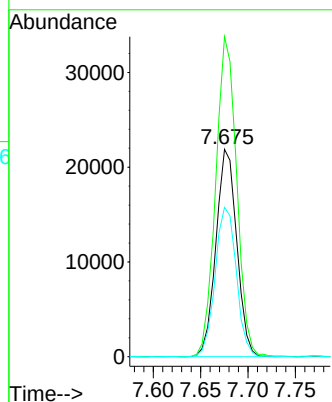
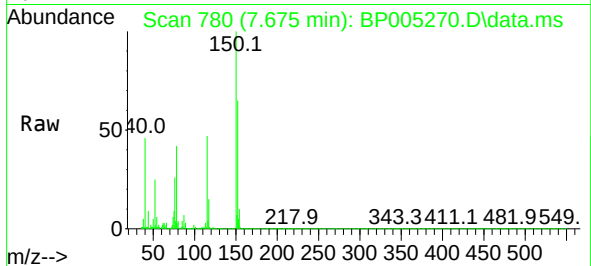




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.675 min Scan# 780
Delta R.T. -0.006 min
Lab File: BP005270.D
Acq: 12 Apr 2021 17:25

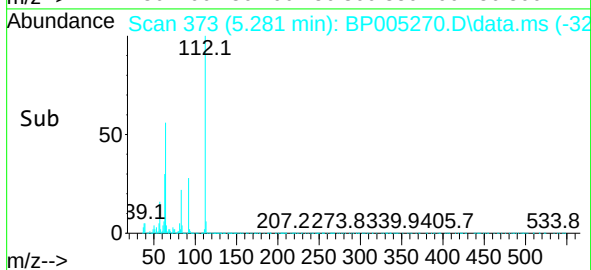
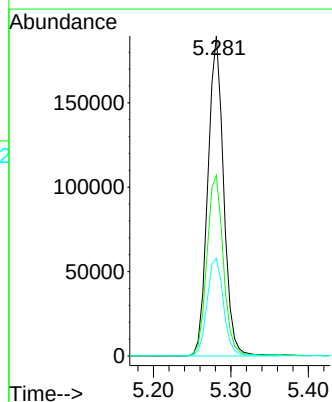
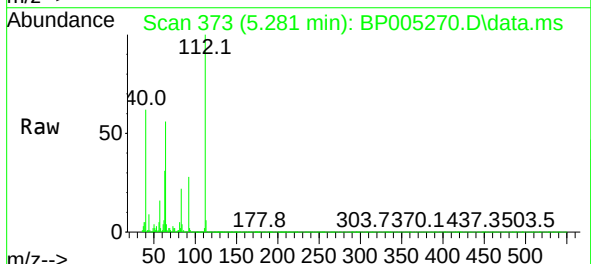
Instrument :
BNA_P
ClientSampleId :
SB1-B

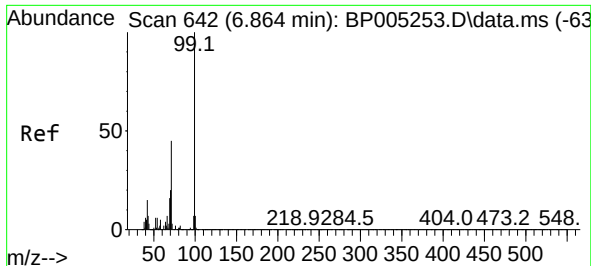
Tgt Ion:152 Resp: 33515
Ion Ratio Lower Upper
152 100
150 154.3 123.8 185.6
115 72.0 43.8 65.6#



#5
2-Fluorophenol
Concen: 84.07 ng
RT: 5.281 min Scan# 373
Delta R.T. 0.006 min
Lab File: BP005270.D
Acq: 12 Apr 2021 17:25

Tgt Ion:112 Resp: 268479
Ion Ratio Lower Upper
112 100
64 56.4 32.8 49.2#
63 30.5 17.0 25.4#

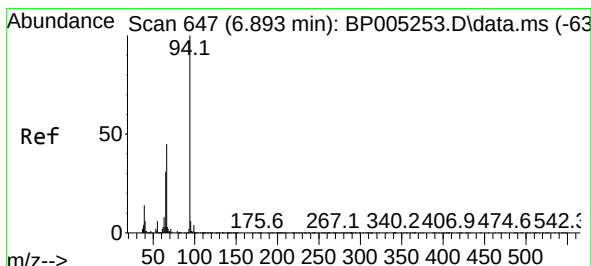
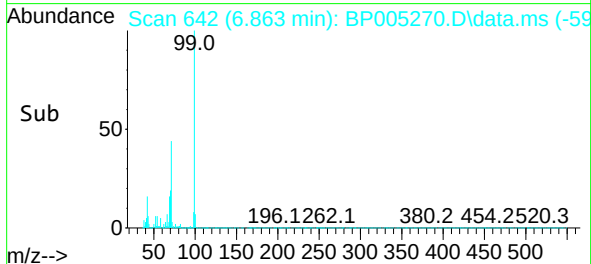
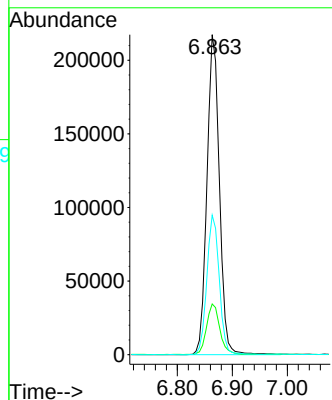
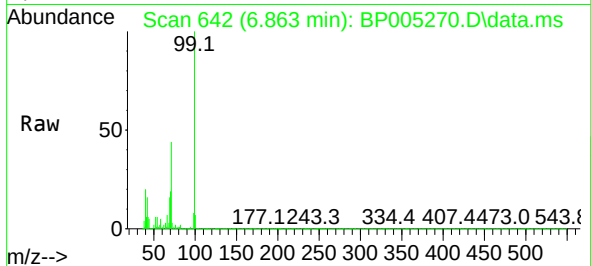




#7
Phenol-d6
Concen: 93.63 ng
RT: 6.863 min Scan# 642
Delta R.T. -0.000 min
Lab File: BP005270.D
Acq: 12 Apr 2021 17:25

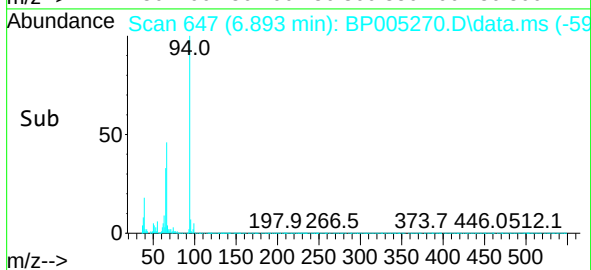
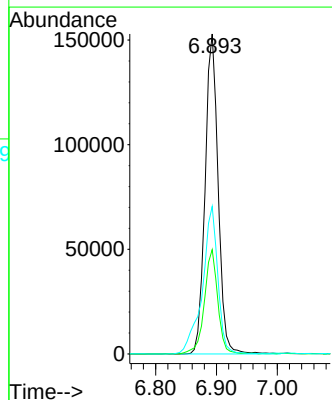
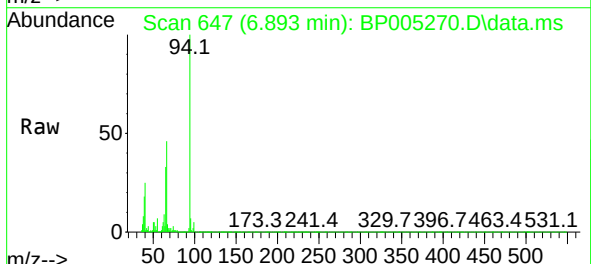
Instrument :
BNA_P
ClientSampleId :
SB1-B

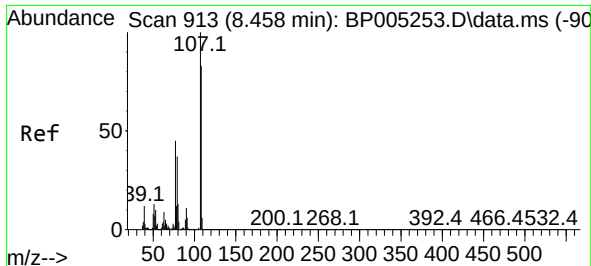
Tgt Ion: 99 Resp: 341154
Ion Ratio Lower Upper
99 100
42 15.9 8.6 13.0#
71 43.6 23.4 35.2#



#10
Phenol
Concen: 61.10 ng
RT: 6.893 min Scan# 647
Delta R.T. -0.000 min
Lab File: BP005270.D
Acq: 12 Apr 2021 17:25

Tgt Ion: 94 Resp: 228030
Ion Ratio Lower Upper
94 100
65 32.6 2.3 42.3
66 46.1 10.9 50.9

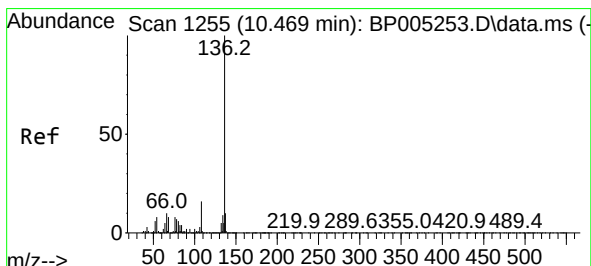
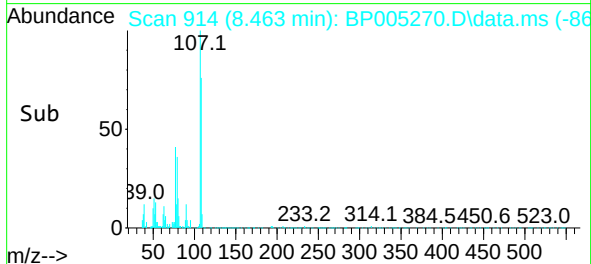
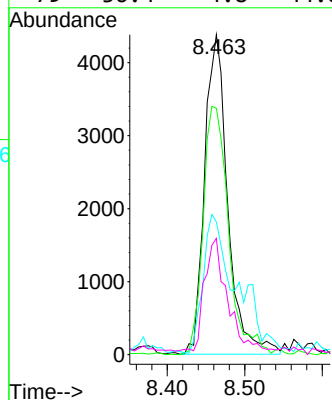
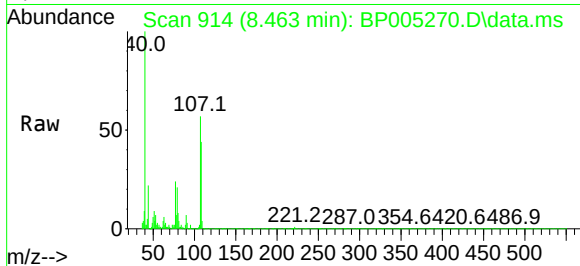




#20
3+4-Methylphenols
Concen: 3.38 ng
RT: 8.463 min Scan# 914
Delta R.T. 0.006 min
Lab File: BP005270.D
Acq: 12 Apr 2021 17:25

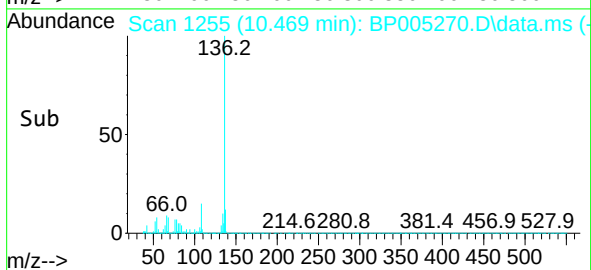
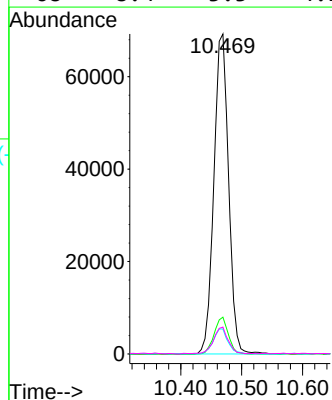
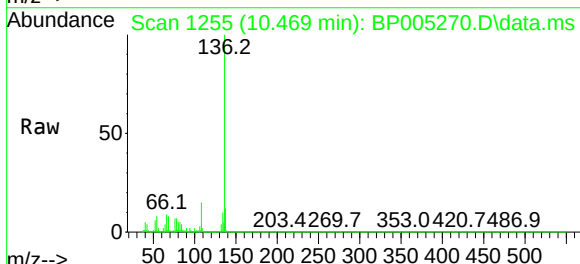
Instrument :
BNA_P
ClientSampled :
SB1-B

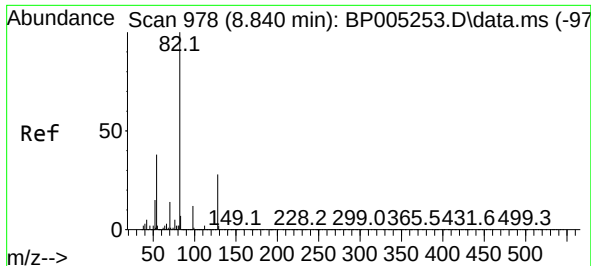
Tgt Ion:	107	Resp:	9062
Ion	Ratio	Lower	Upper
107	100		
108	77.0	69.0	109.0
77	41.5	8.5	48.5
79	36.4	4.8	44.8



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.469 min Scan# 1255
Delta R.T. -0.000 min
Lab File: BP005270.D
Acq: 12 Apr 2021 17:25

Tgt Ion:	136	Resp:	116287
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.6	13.0
54	7.8	3.6	5.4#
68	8.4	3.3	4.9#

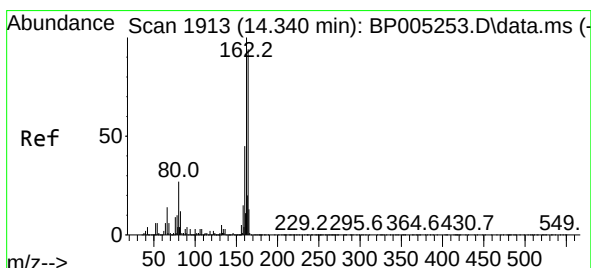
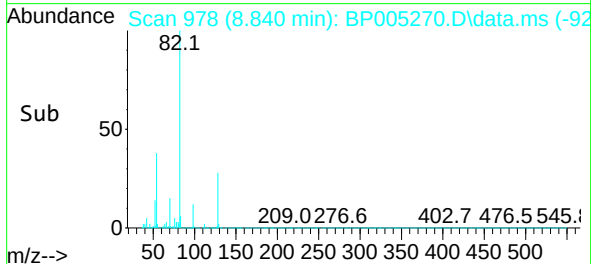
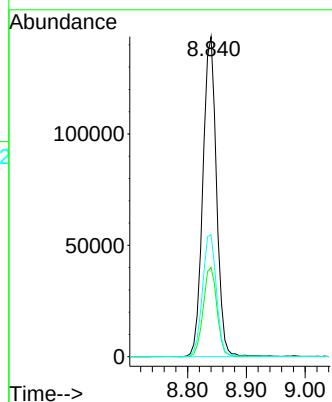
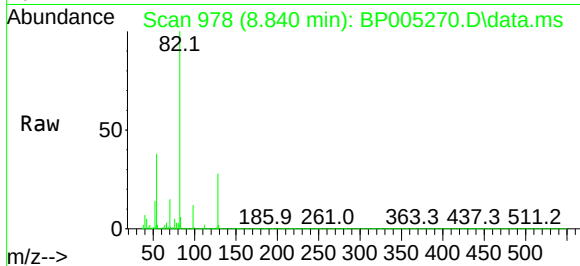




#23
Nitrobenzene-d5
Concen: 62.75 ng
RT: 8.840 min Scan# 978
Delta R.T. -0.000 min
Lab File: BP005270.D
Acq: 12 Apr 2021 17:25

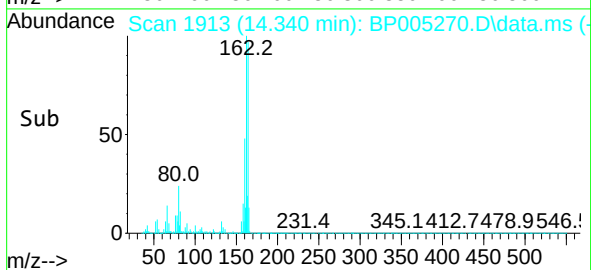
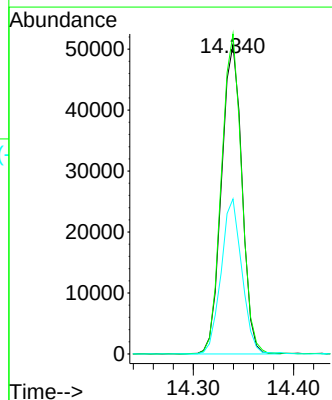
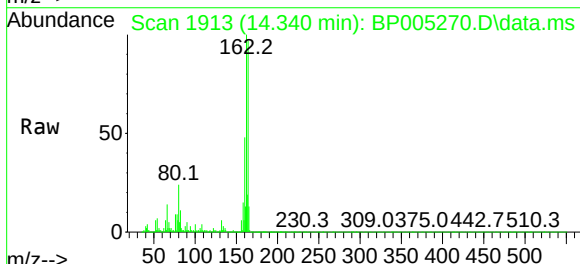
Instrument :
BNA_P
ClientSampleId :
SB1-B

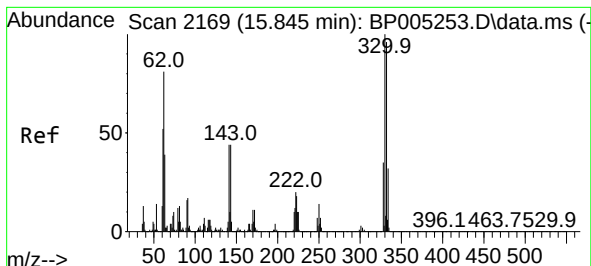
Tgt Ion: 82 Resp: 231380
Ion Ratio Lower Upper
82 100
128 27.9 45.6 68.4#
54 38.1 30.1 45.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.340 min Scan# 1913
Delta R.T. -0.000 min
Lab File: BP005270.D
Acq: 12 Apr 2021 17:25

Tgt Ion: 164 Resp: 71650
Ion Ratio Lower Upper
164 100
162 103.4 79.4 119.2
160 50.1 36.1 54.1

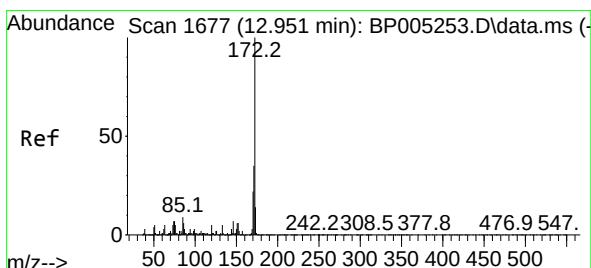
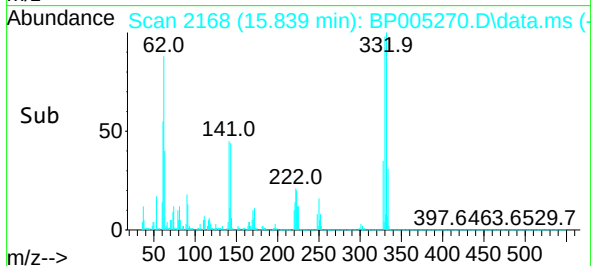
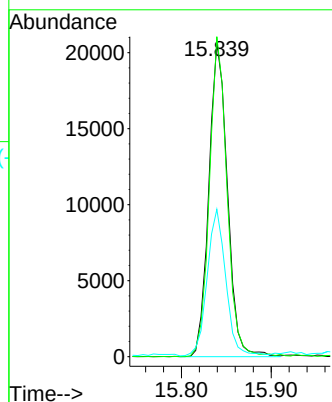
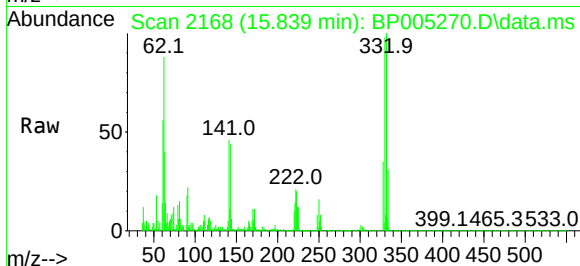




#42
2,4,6-Tribromophenol
Concen: 32.87 ng
RT: 15.839 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BP005270.D
Acq: 12 Apr 2021 17:25

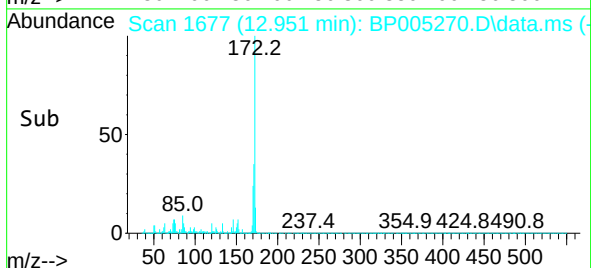
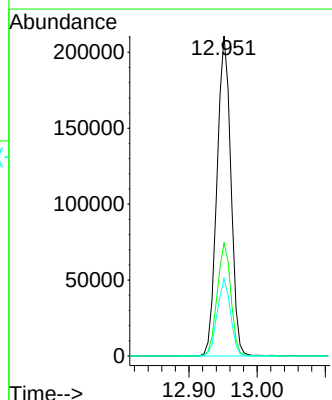
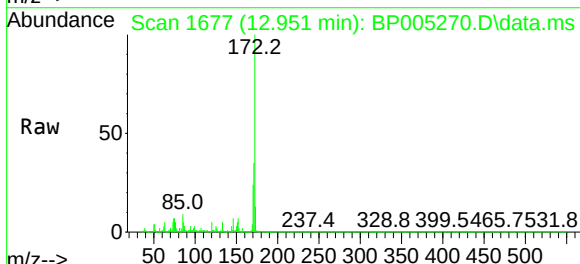
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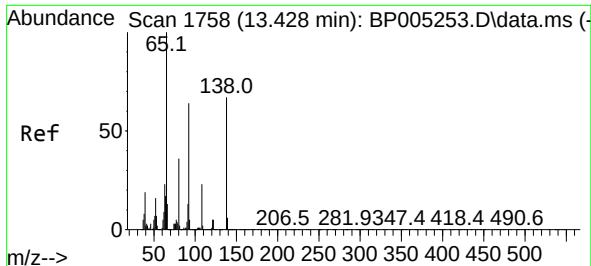
Tgt Ion:330 Resp: 29732
Ion Ratio Lower Upper
330 100
332 96.7 77.1 115.7
141 46.6 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 56.36 ng
RT: 12.951 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BP005270.D
Acq: 12 Apr 2021 17:25

Tgt Ion:172 Resp: 299124
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 24.1 19.2 28.8

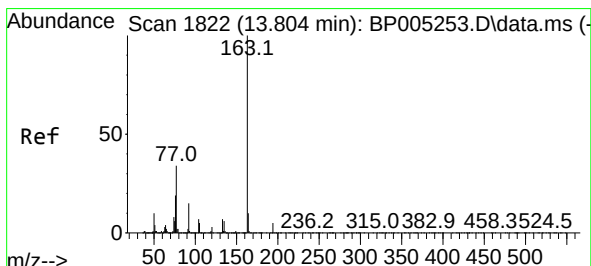
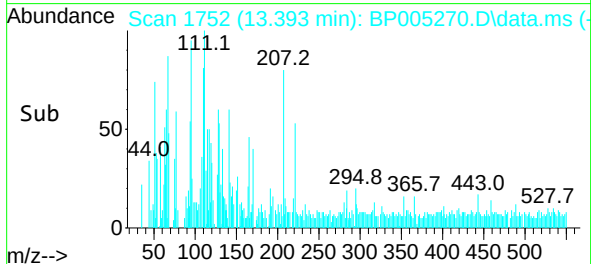
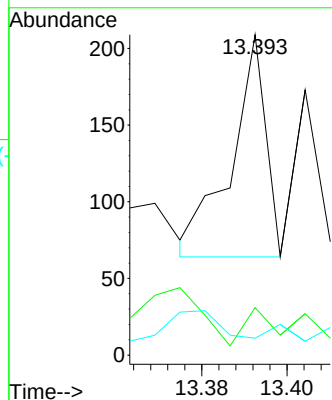
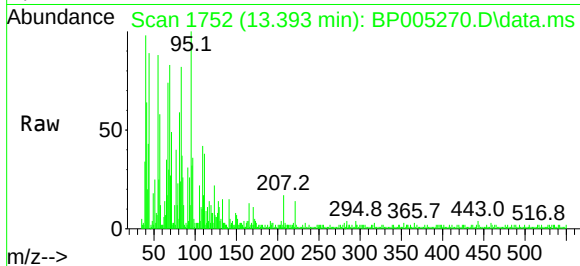




#48
2-Nitroaniline
Concen: 3.56 ng
RT: 13.393 min Scan# 1752
Delta R.T. -0.036 min
Lab File: BP005270.D
Acq: 12 Apr 2021 17:25

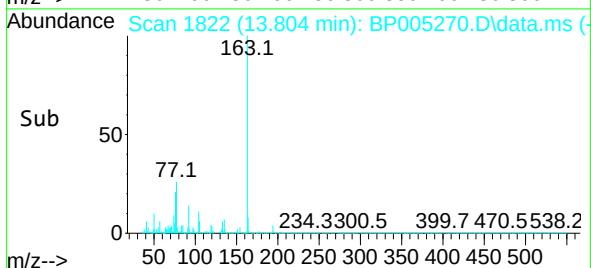
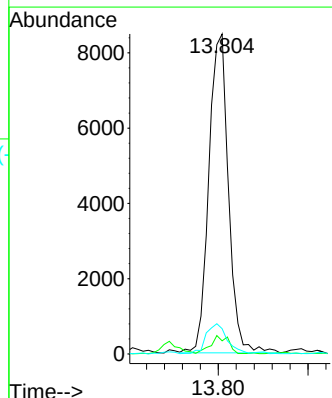
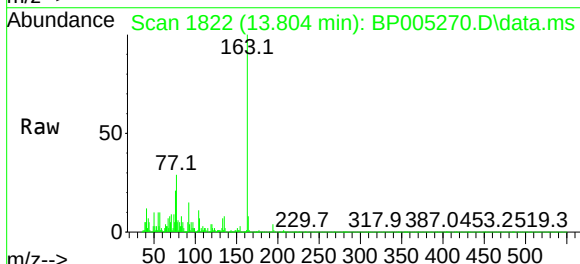
Instrument :
BNA_P
ClientSampled :
SB1-B

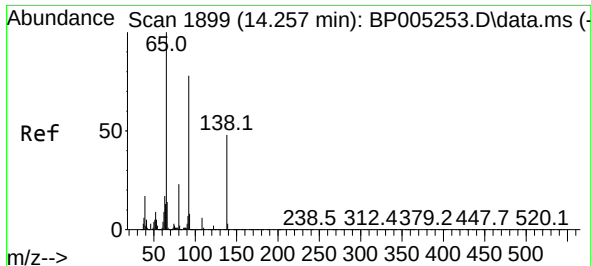
Tgt Ion: 65 Resp: 81
Ion Ratio Lower Upper
65 100
92 14.8 70.6 106.0#
138 5.3 133.6 200.4#



#50
Dimethylphthalate
Concen: 2.44 ng
RT: 13.804 min Scan# 1822
Delta R.T. -0.000 min
Lab File: BP005270.D
Acq: 12 Apr 2021 17:25

Tgt Ion:163 Resp: 12858
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 7.9 8.2 12.2#

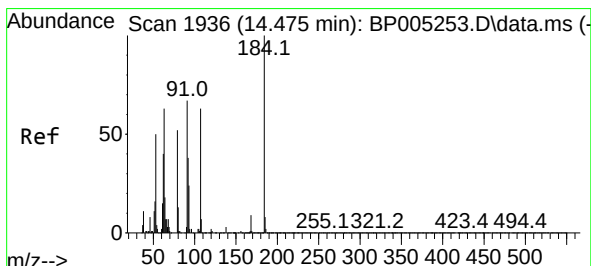
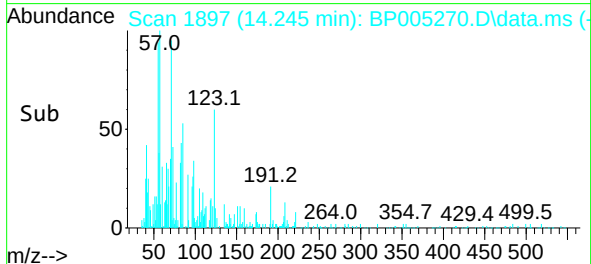
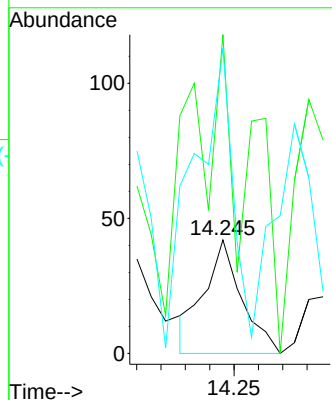
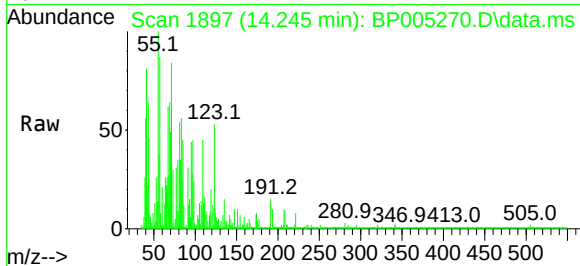




#53
3-Nitroaniline
Concen: 2.51 ng
RT: 14.245 min Scan# 1897
Delta R.T. -0.012 min
Lab File: BP005270.D
Acq: 12 Apr 2021 17:25

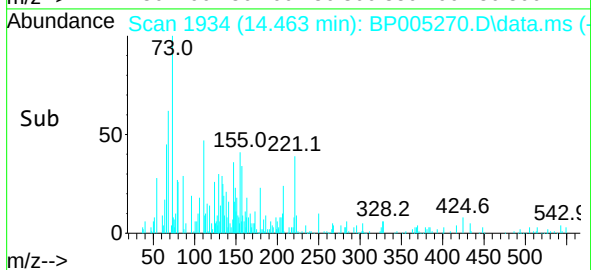
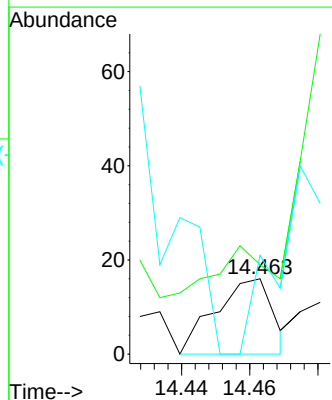
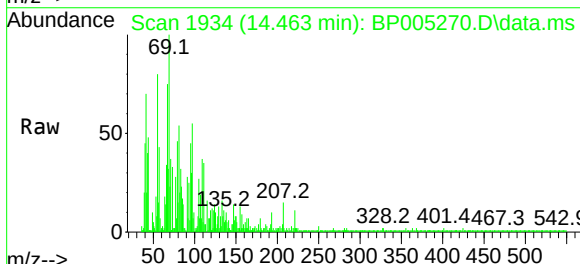
Instrument :
BNA_P
ClientSampleId :
SB1-B

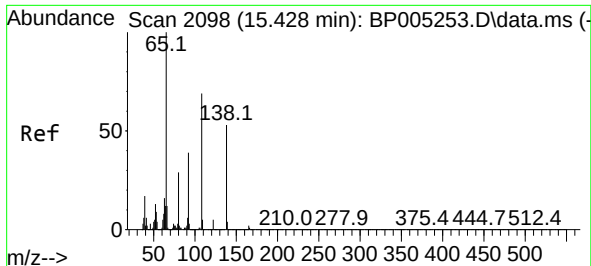
Tgt Ion:138 Resp: 45
Ion Ratio Lower Upper
138 100
108 281.0 7.5 11.3#
92 269.0 75.0 112.6#



#54
2,4-Dinitrophenol
Concen: 6.17 ng
RT: 14.463 min Scan# 1934
Delta R.T. -0.012 min
Lab File: BP005270.D
Acq: 12 Apr 2021 17:25

Tgt Ion:184 Resp: 19
Ion Ratio Lower Upper
184 100
63 118.8 32.3 48.5#
154 131.3 49.1 73.7#

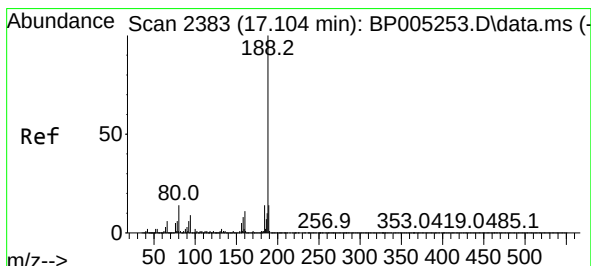
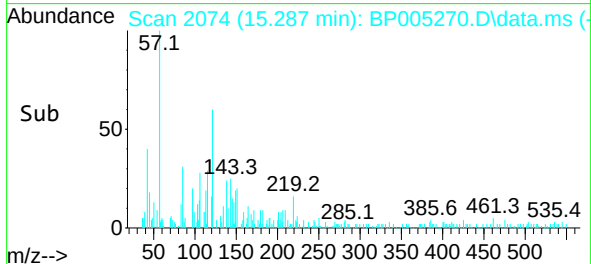
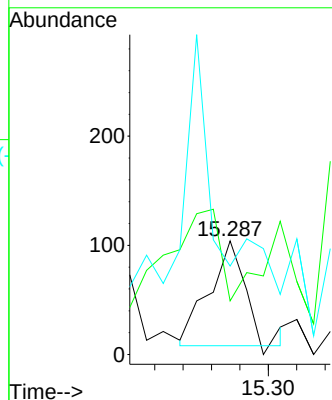
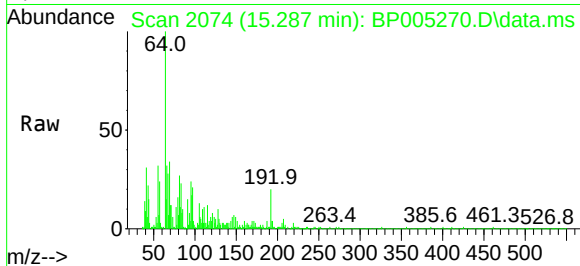




#62
4-Nitroaniline
Concen: 2.15 ng
RT: 15.287 min Scan# 2074
Delta R.T. -0.141 min
Lab File: BP005270.D
Acq: 12 Apr 2021 17:25

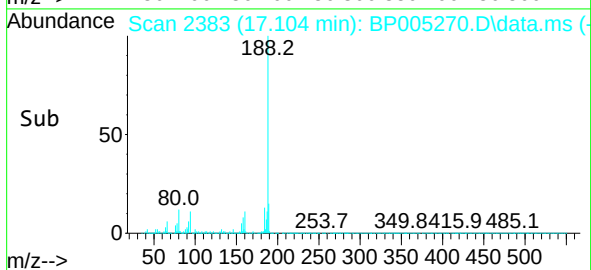
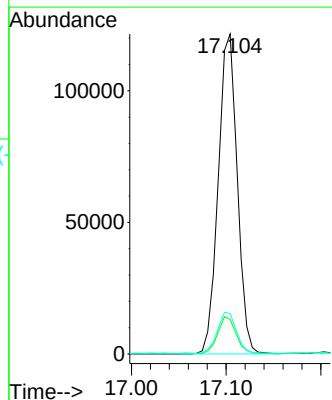
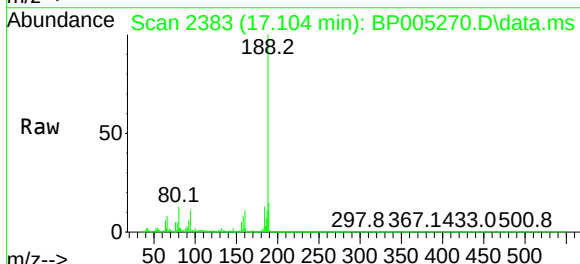
Instrument :
BNA_P
ClientSampleId :
SB1-B

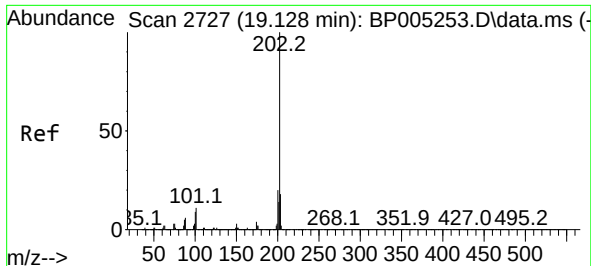
Tgt Ion:138 Resp: 87
Ion Ratio Lower Upper
138 100
92 47.1 20.7 60.7
108 77.9 47.8 87.8



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.104 min Scan# 2383
Delta R.T. -0.000 min
Lab File: BP005270.D
Acq: 12 Apr 2021 17:25

Tgt Ion:188 Resp: 169810
Ion Ratio Lower Upper
188 100
94 10.8 6.2 9.2#
80 12.6 6.2 9.2#

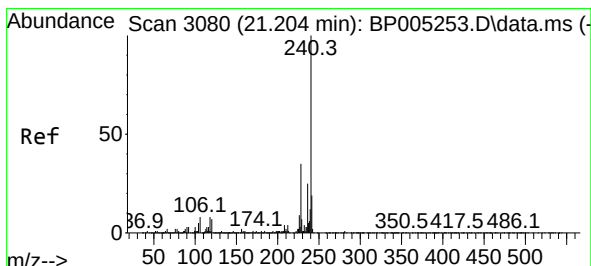
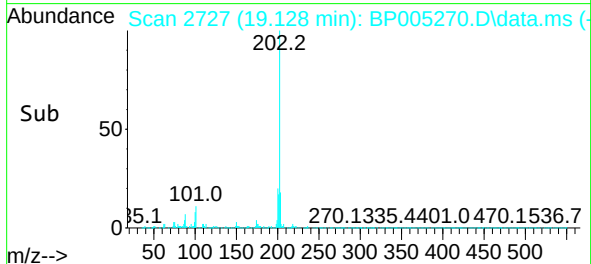
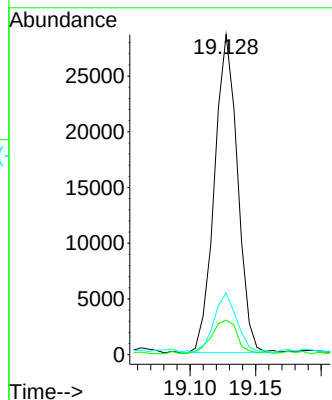
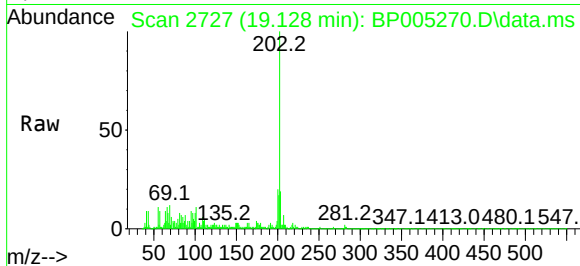




#75
Fluoranthene
Concen: 2.97 ng
RT: 19.128 min Scan# 2727
Delta R.T. -0.000 min
Lab File: BP005270.D
Acq: 12 Apr 2021 17:25

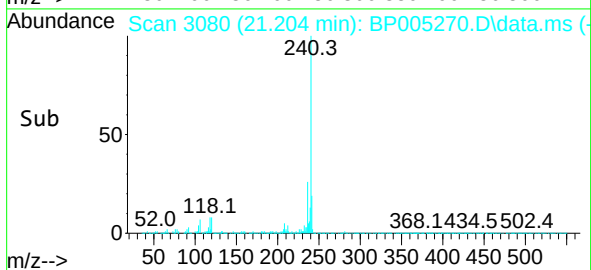
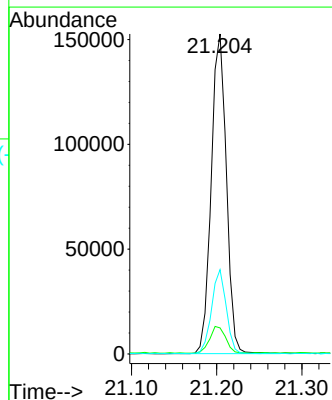
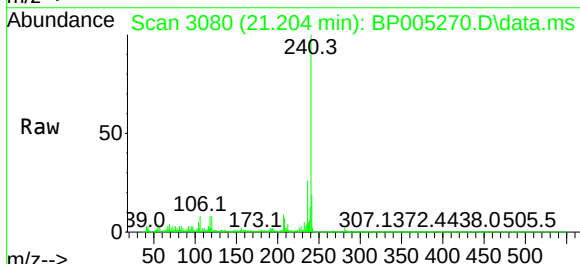
Instrument :
BNA_P
ClientSampleId :
SB1-B

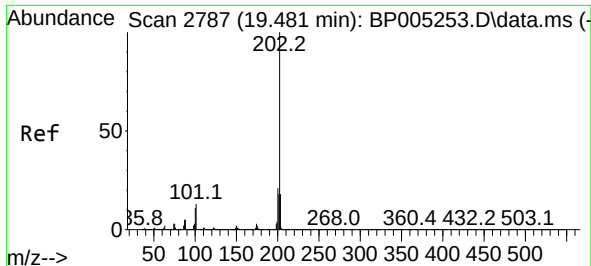
Tgt Ion:	202	Resp:	34962
Ion Ratio	Lower	Upper	
202	100		
101	10.8	0.0	29.4
203	19.3	0.0	37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.204 min Scan# 3080
Delta R.T. -0.000 min
Lab File: BP005270.D
Acq: 12 Apr 2021 17:25

Tgt Ion:	240	Resp:	188505
Ion Ratio	Lower	Upper	
240	100		
120	8.2	7.8	11.6
236	26.4	20.8	31.2

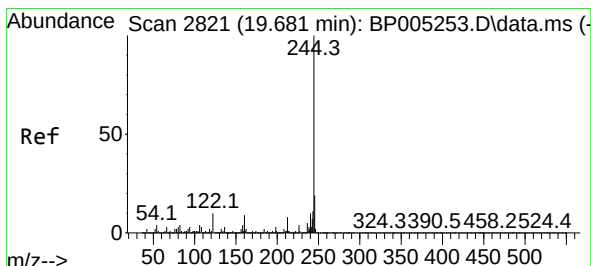
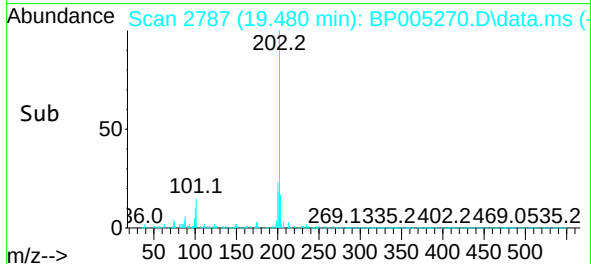
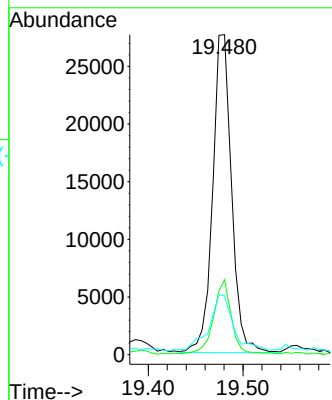
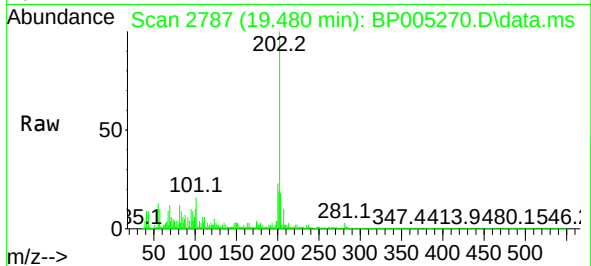




#78
Pyrene
Concen: 3.27 ng
RT: 19.480 min Scan# 2787
Delta R.T. -0.000 min
Lab File: BP005270.D
Acq: 12 Apr 2021 17:25

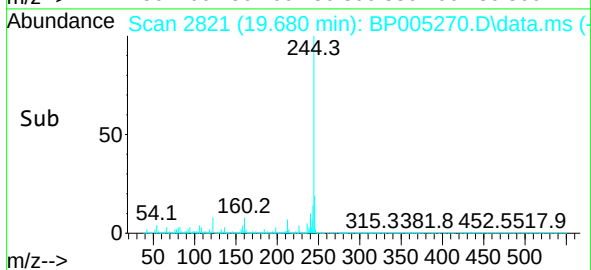
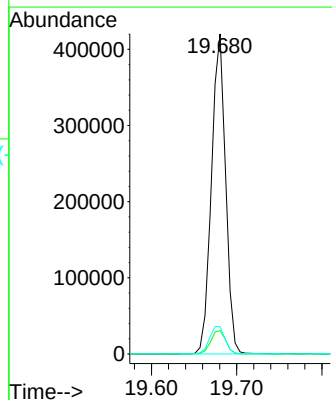
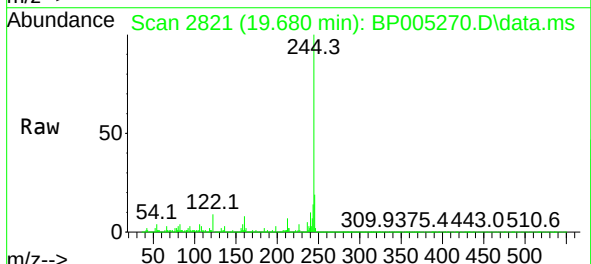
Instrument :
BNA_P
ClientSampleId :
SB1-B

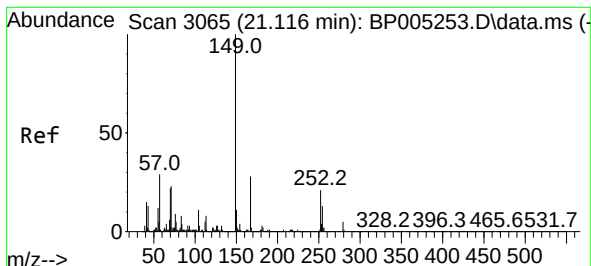
Tgt Ion:202 Resp: 38329
Ion Ratio Lower Upper
202 100
200 23.4 17.1 25.7
203 18.4 14.2 21.2



#79
Terphenyl-d14
Concen: 50.50 ng
RT: 19.680 min Scan# 2821
Delta R.T. -0.000 min
Lab File: BP005270.D
Acq: 12 Apr 2021 17:25

Tgt Ion:244 Resp: 484613
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.6
122 8.5 7.8 11.8

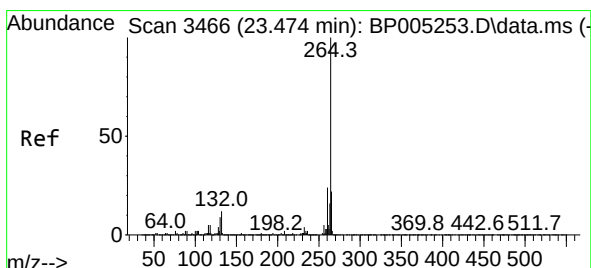
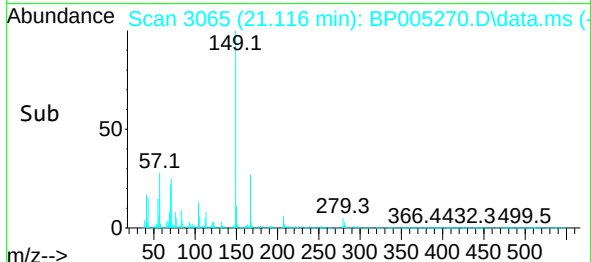
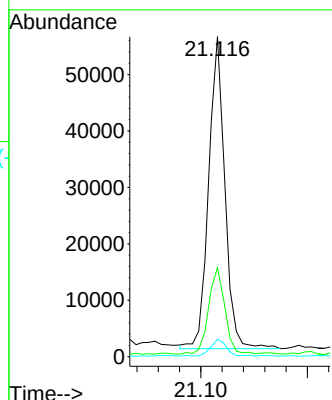
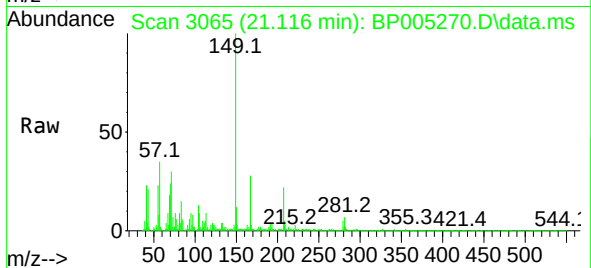




#84
Bis(2-ethylhexyl)phthalate
Concen: 8.57 ng
RT: 21.116 min Scan# 3065
Delta R.T. -0.000 min
Lab File: BP005270.D
Acq: 12 Apr 2021 17:25

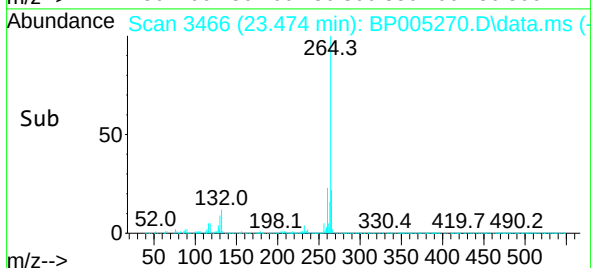
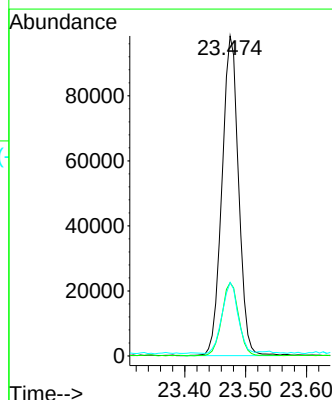
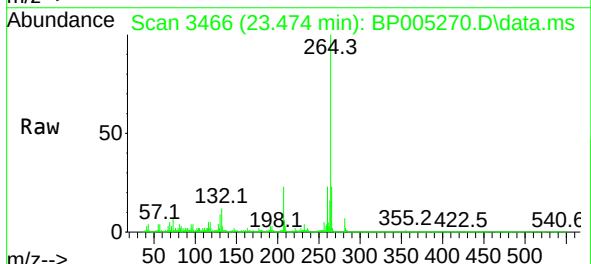
Instrument :
BNA_P
ClientSampleId :
SB1-B

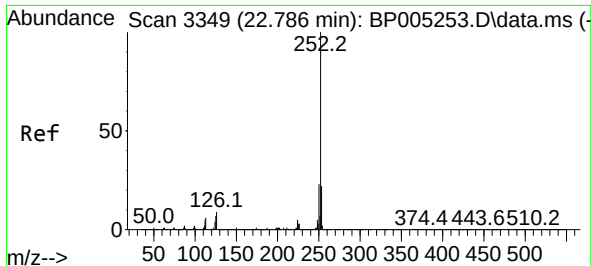
Tgt Ion:149 Resp: 58917
Ion Ratio Lower Upper
149 100
167 27.9 22.6 34.0
279 5.5 4.2 6.2



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.474 min Scan# 3466
Delta R.T. -0.000 min
Lab File: BP005270.D
Acq: 12 Apr 2021 17:25

Tgt Ion:264 Resp: 186389
Ion Ratio Lower Upper
264 100
260 22.9 18.8 28.2
265 23.0 17.4 26.2

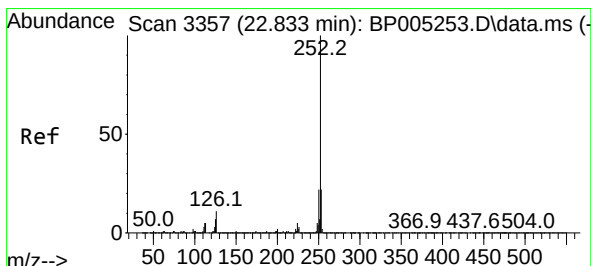
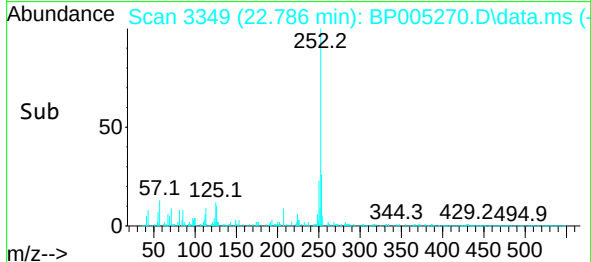
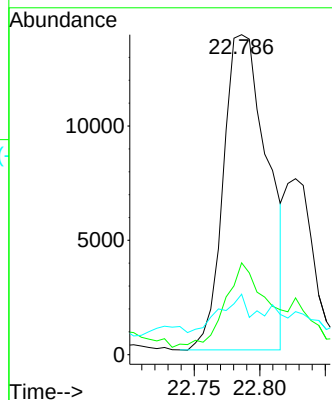
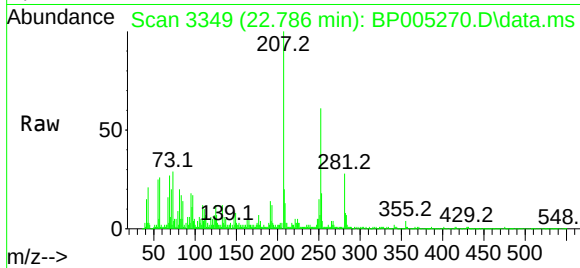




#88
Benzo(b)fluoranthene
Concen: 2.64 ng
RT: 22.786 min Scan# 3349
Delta R.T. -0.000 min
Lab File: BP005270.D
Acq: 12 Apr 2021 17:25

Instrument :
BNA_P
ClientSampleId :
SB1-B

Tgt Ion:252 Resp: 32186
Ion Ratio Lower Upper
252 100
253 28.7 17.6 26.4#
125 18.9 7.3 10.9#



#89
Benzo(k)fluoranthene
Concen: 2.75 ng
RT: 22.786 min Scan# 3349
Delta R.T. -0.047 min
Lab File: BP005270.D
Acq: 12 Apr 2021 17:25

Tgt Ion:252 Resp: 32186
Ion Ratio Lower Upper
252 100
253 28.7 17.8 26.8#
125 18.9 7.4 11.2#

