

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041221\
 Data File : BP005271.D
 Acq On : 12 Apr 2021 17:59
 Operator : CG/JU
 Sample : M1967-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB2-A

Quant Time: Apr 12 18:38:27 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)

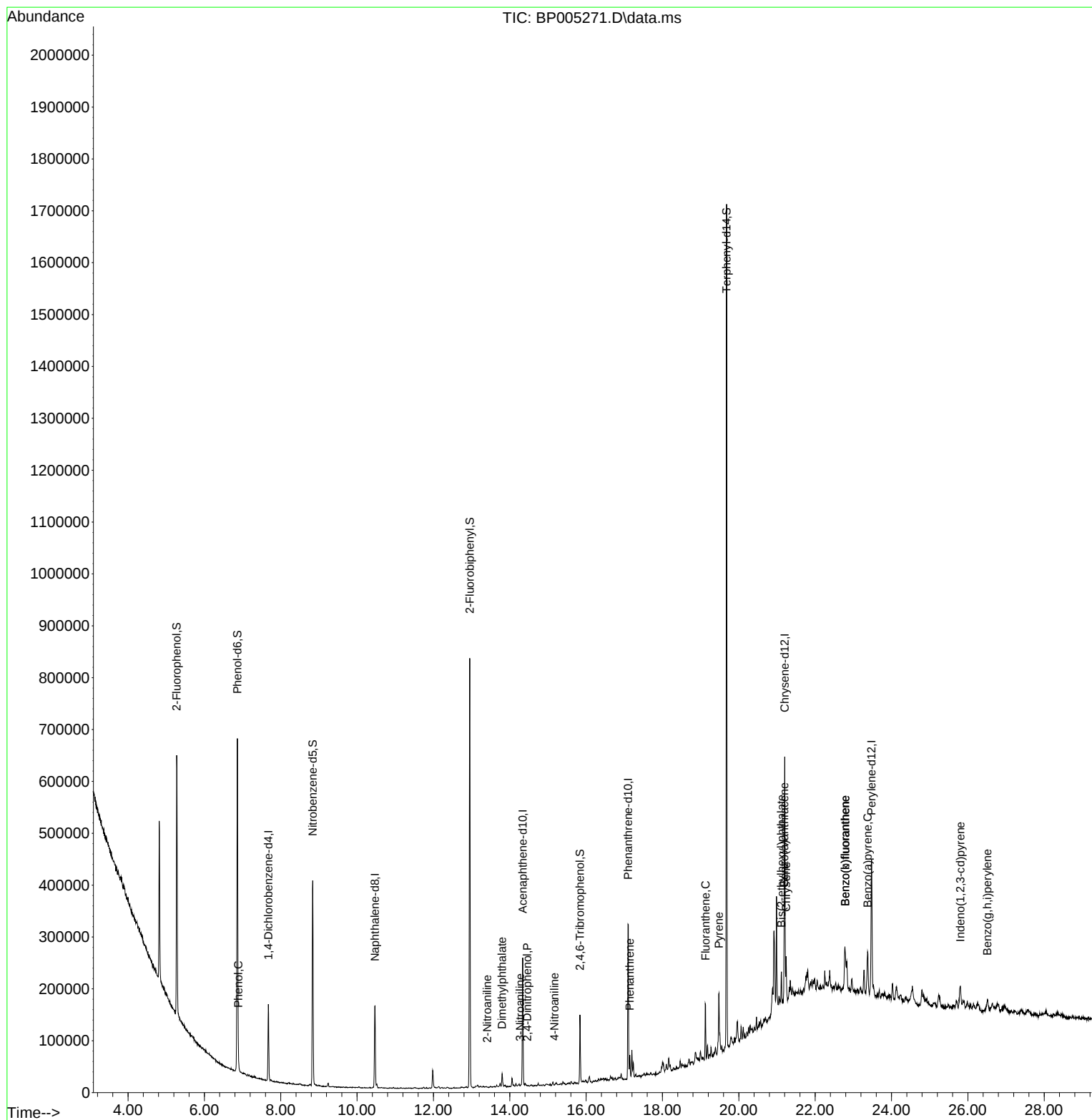
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	31634	20.00	ng	# 0.00
21) Naphthalene-d8	10.469	136	109706	20.00	ng	# 0.00
39) Acenaphthene-d10	14.340	164	65797	20.00	ng	0.00
64) Phenanthrene-d10	17.098	188	156615	20.00	ng	# 0.00
76) Chrysene-d12	21.204	240	178309	20.00	ng	0.00
86) Perylene-d12	23.474	264	179137	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.275	112	207716	68.91	ng	0.00
7) Phenol-d6	6.864	99	338311	98.37	ng	0.00
23) Nitrobenzene-d5	8.840	82	244993	70.42	ng	0.00
42) 2,4,6-Tribromophenol	15.839	330	16847	20.28	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	346298	71.05	ng	0.00
79) Terphenyl-d14	19.680	244	613005	67.54	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.893	94	8363	2.37	ng	75
48) 2-Nitroaniline	13.410	65	83	3.56	ng	# 1
50) Dimethylphthalate	13.798	163	11105	2.30	ng	97
53) 3-Nitroaniline	14.269	138	24	2.50	ng	# 36
54) 2,4-Dinitrophenol	14.457	184	34	6.19	ng	# 1
62) 4-Nitroaniline	15.169	138	17	2.09	ng	92
71) Phenanthrene	17.145	178	20620	2.33	ng	97
75) Fluoranthene	19.128	202	56528	5.21	ng	99
78) Pyrene	19.480	202	64772	5.84	ng	97
81) Benzo(a)anthracene	21.186	228	46116	3.92	ng	94
83) Chrysene	21.239	228	46454	4.06	ng	97
84) Bis(2-ethylhexyl)phtha...	21.116	149	18016	2.77	ng	95
87) Indeno(1,2,3-cd)pyrene	25.804	276	27669	2.02	ng	# 90
88) Benzo(b)fluoranthene	22.786	252	79800	6.81	ng	# 96
89) Benzo(k)fluoranthene	22.786	252	79800	7.10	ng	# 96
90) Benzo(a)pyrene	23.374	252	51881	4.78	ng	95
92) Benzo(g,h,i)perylene	26.510	276	29505	2.56	ng	# 87

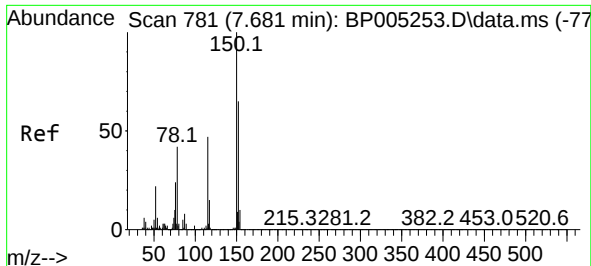
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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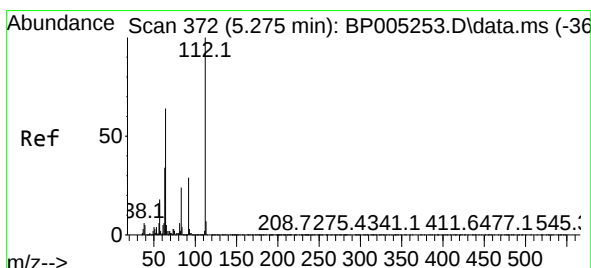
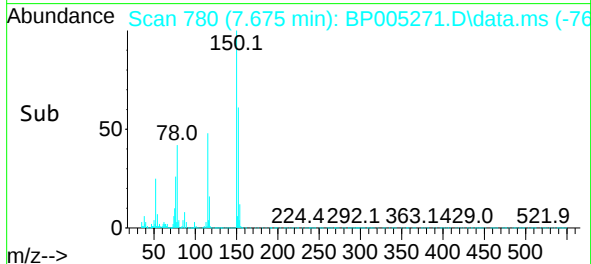
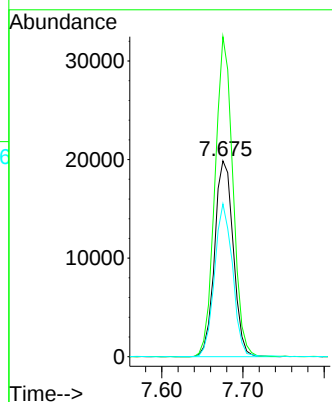
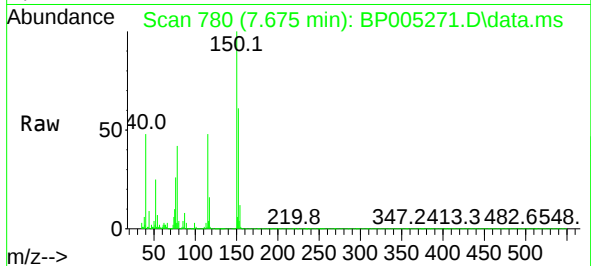




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.675 min Scan# 780
Delta R.T. -0.006 min
Lab File: BP005271.D
Acq: 12 Apr 2021 17:59

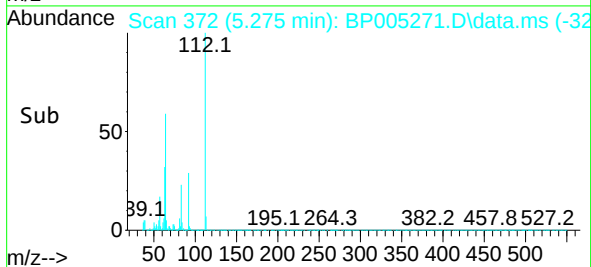
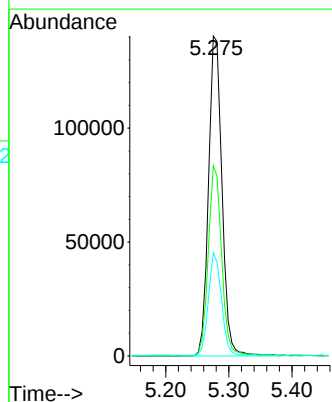
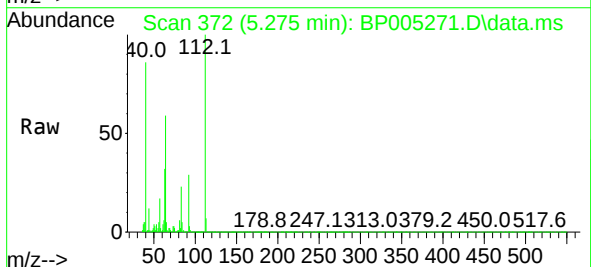
Instrument :
BNA_P
ClientSampleId :
SB2-A

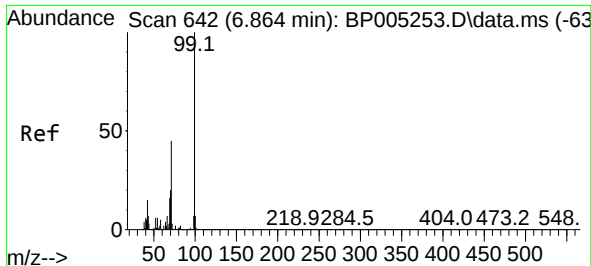
Tgt Ion:152 Resp: 31634
Ion Ratio Lower Upper
152 100
150 163.3 123.8 185.6
115 78.0 43.8 65.6#



#5
2-Fluorophenol
Concen: 68.91 ng
RT: 5.275 min Scan# 372
Delta R.T. -0.000 min
Lab File: BP005271.D
Acq: 12 Apr 2021 17:59

Tgt Ion:112 Resp: 207716
Ion Ratio Lower Upper
112 100
64 59.5 32.8 49.2#
63 32.3 17.0 25.4#

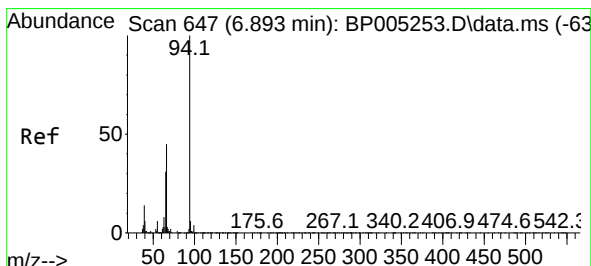
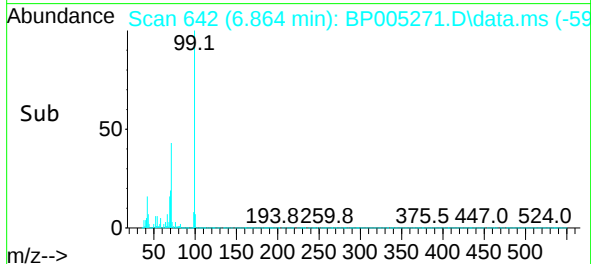
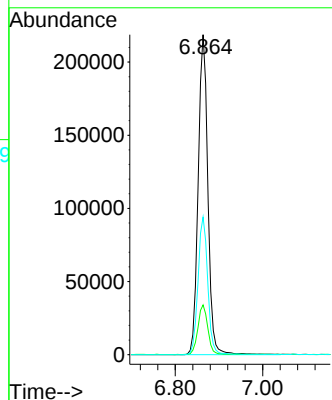
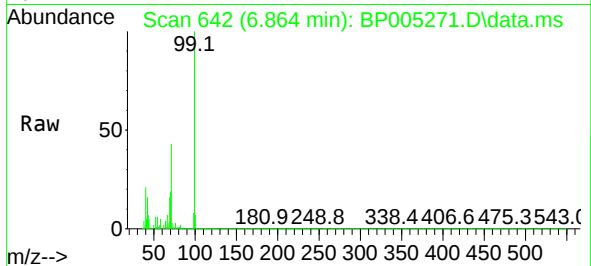




#7
Phenol-d6
Concen: 98.37 ng
RT: 6.864 min Scan# 642
Delta R.T. -0.000 min
Lab File: BP005271.D
Acq: 12 Apr 2021 17:59

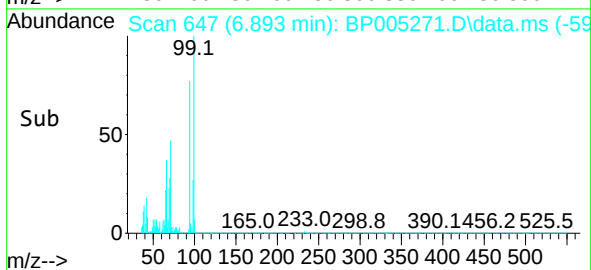
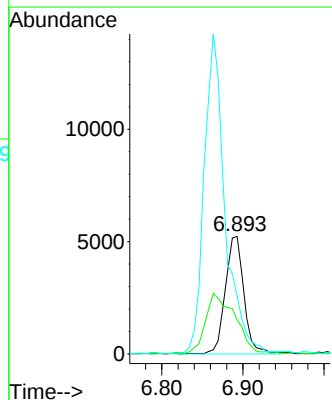
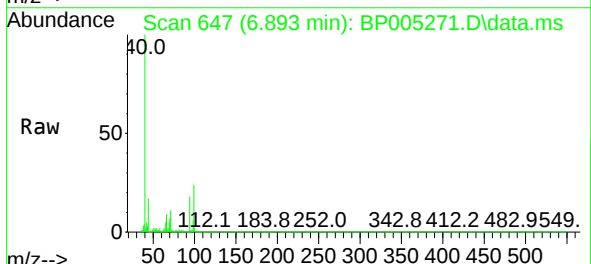
Instrument :
BNA_P
ClientSampleId :
SB2-A

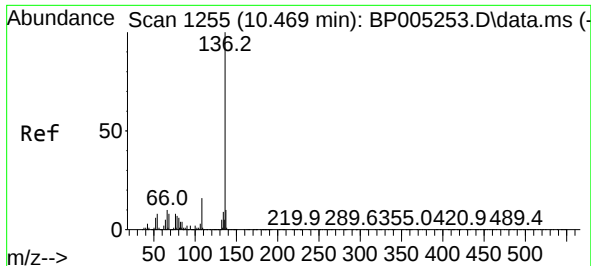
Tgt Ion: 99 Resp: 338311
Ion Ratio Lower Upper
99 100
42 15.6 8.6 13.0#
71 43.0 23.4 35.2#



#10
Phenol
Concen: 2.37 ng
RT: 6.893 min Scan# 647
Delta R.T. -0.000 min
Lab File: BP005271.D
Acq: 12 Apr 2021 17:59

Tgt Ion: 94 Resp: 8363
Ion Ratio Lower Upper
94 100
65 28.7 2.3 42.3
66 48.9 10.9 50.9

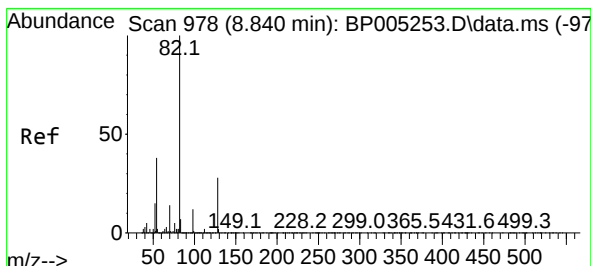
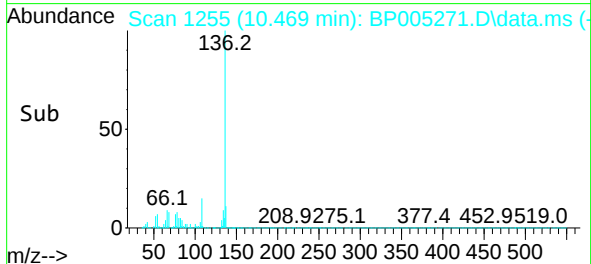
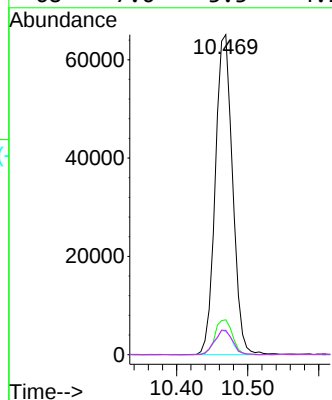
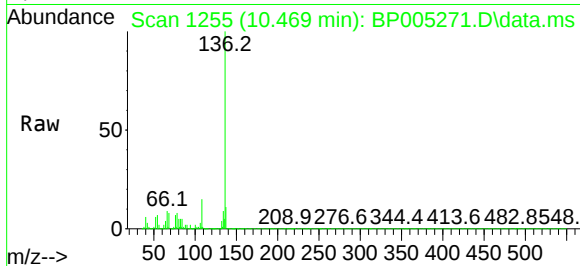




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.469 min Scan# 1255
Delta R.T. -0.000 min
Lab File: BP005271.D
Acq: 12 Apr 2021 17:59

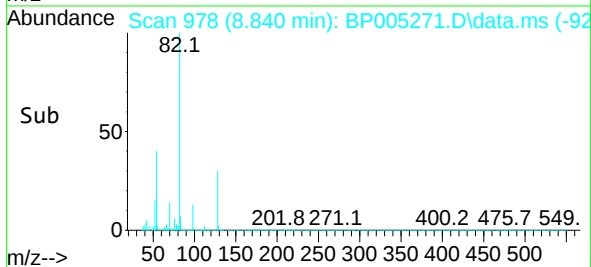
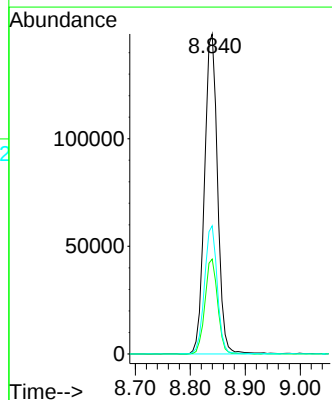
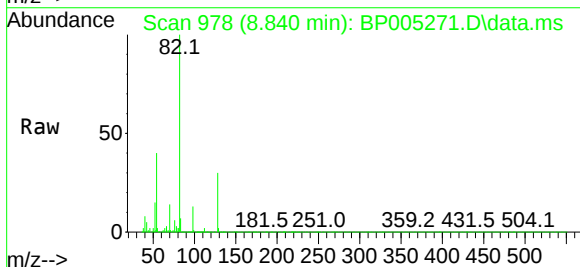
Instrument :
BNA_P
ClientSampleId :
SB2-A

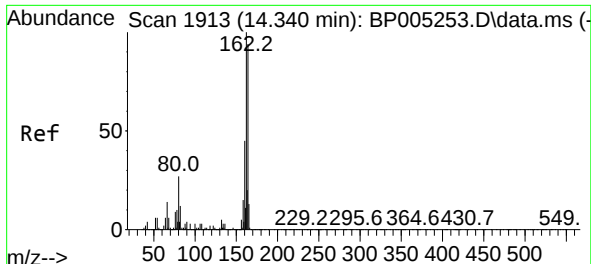
Tgt Ion:	136	Resp:	109706
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	7.2	3.6	5.4#
68	7.6	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 70.42 ng
RT: 8.840 min Scan# 978
Delta R.T. -0.000 min
Lab File: BP005271.D
Acq: 12 Apr 2021 17:59

Tgt Ion:	82	Resp:	244993
Ion	Ratio	Lower	Upper
82	100		
128	29.6	45.6	68.4#
54	40.0	30.1	45.1

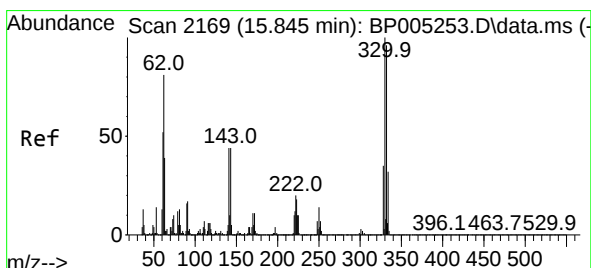
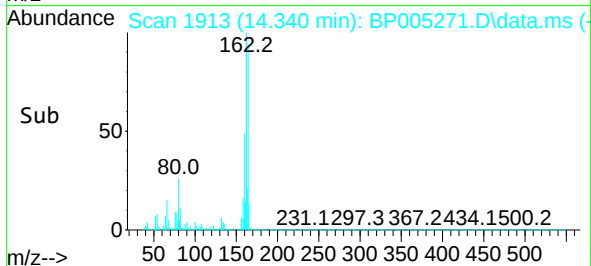
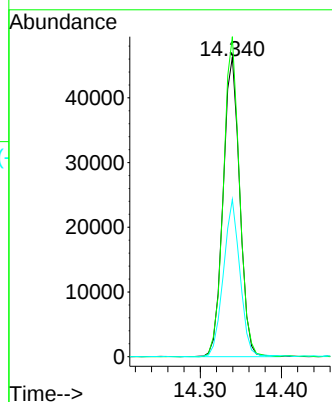
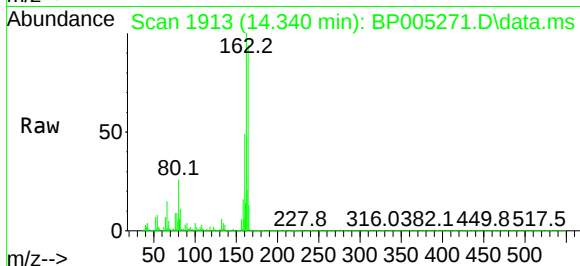




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.340 min Scan# 1913
Delta R.T. -0.000 min
Lab File: BP005271.D
Acq: 12 Apr 2021 17:59

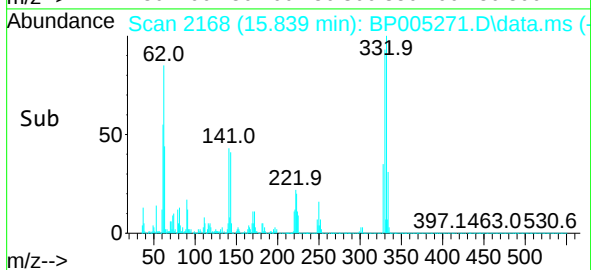
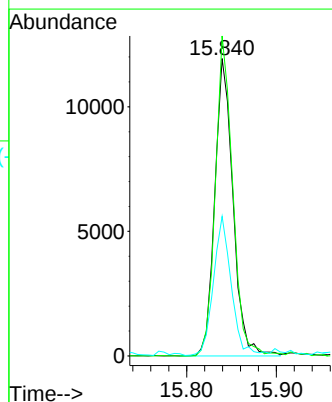
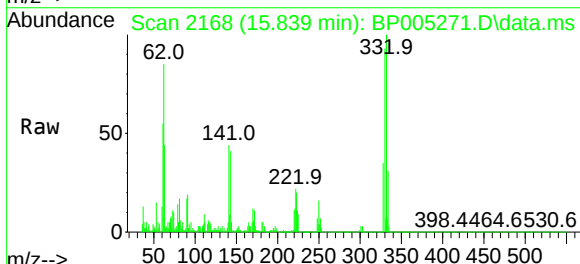
Instrument :
BNA_P
ClientSampleId :
SB2-A

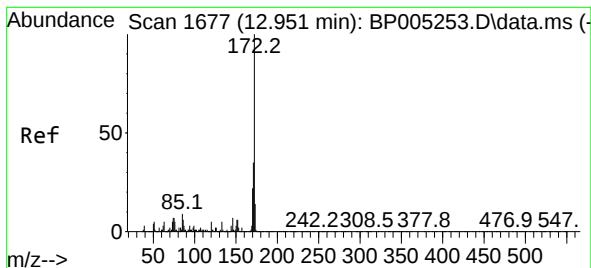
Tgt Ion:164 Resp: 65797
Ion Ratio Lower Upper
164 100
162 106.8 79.4 119.2
160 52.5 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 20.28 ng
RT: 15.839 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BP005271.D
Acq: 12 Apr 2021 17:59

Tgt Ion:330 Resp: 16847
Ion Ratio Lower Upper
330 100
332 102.8 77.1 115.7
141 45.3 23.4 35.2#

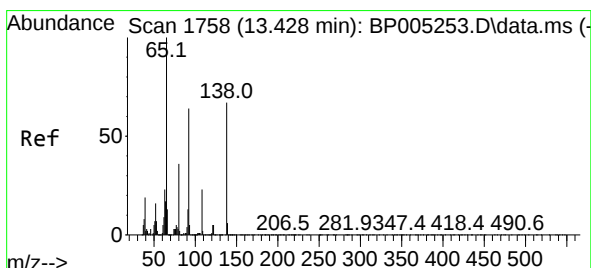
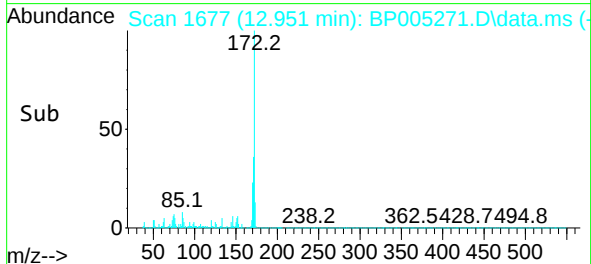
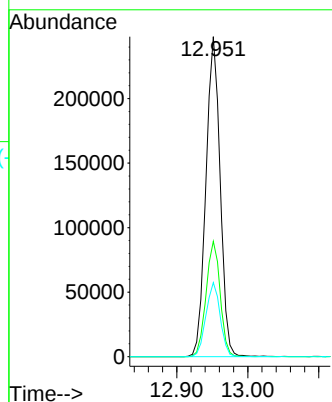
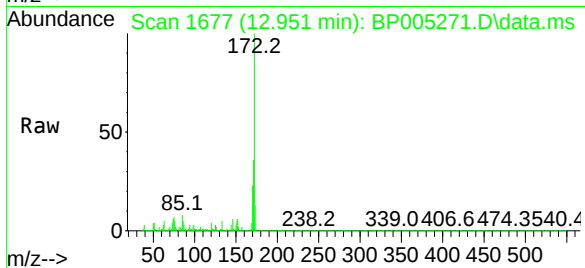




#45
2-Fluorobiphenyl
Concen: 71.05 ng
RT: 12.951 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BP005271.D
Acq: 12 Apr 2021 17:59

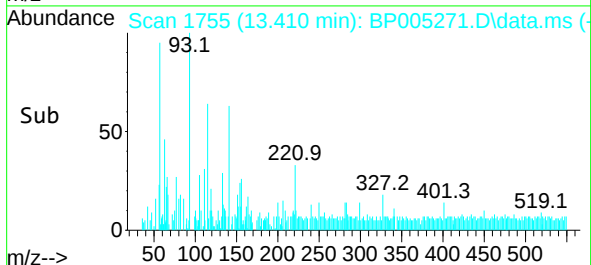
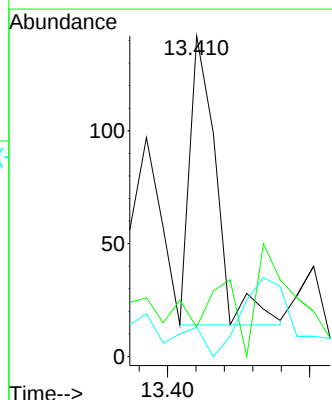
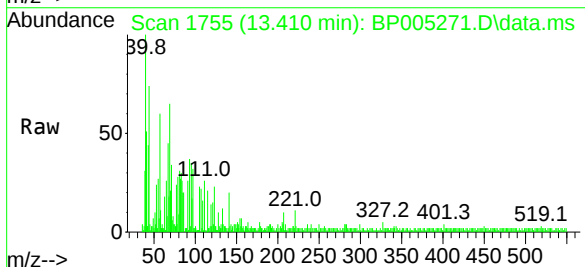
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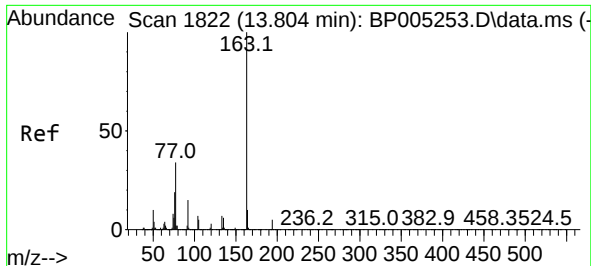
Tgt Ion:172 Resp: 346298
Ion Ratio Lower Upper
172 100
171 36.1 28.5 42.7
170 23.2 19.2 28.8



#48
2-Nitroaniline
Concen: 3.56 ng
RT: 13.410 min Scan# 1755
Delta R.T. -0.018 min
Lab File: BP005271.D
Acq: 12 Apr 2021 17:59

Tgt Ion: 65 Resp: 83
Ion Ratio Lower Upper
65 100
92 9.2 70.6 106.0#
138 9.2 133.6 200.4#

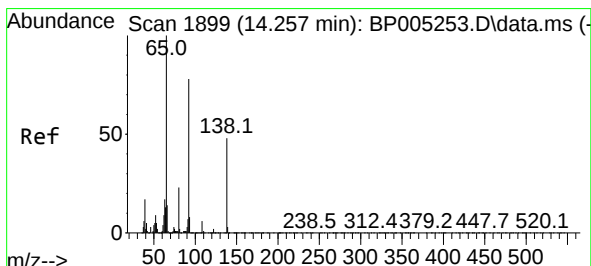
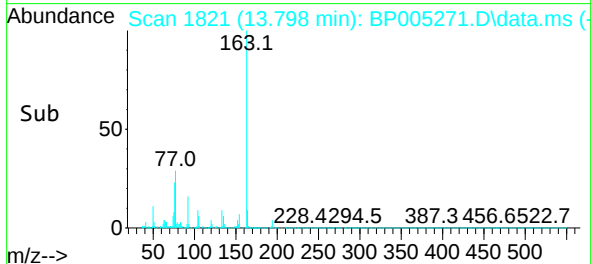
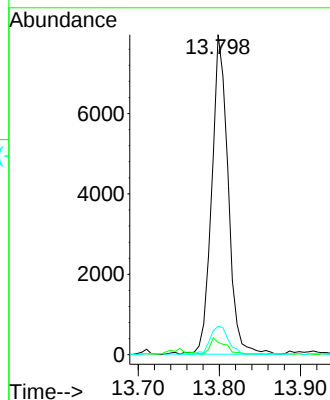
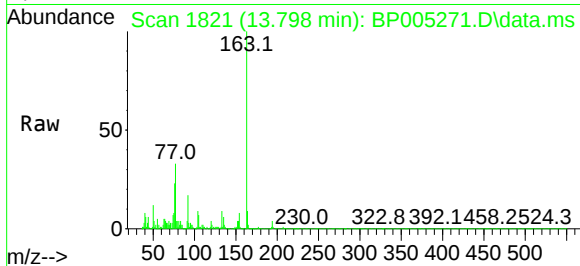




#50
Dimethylphthalate
Concen: 2.30 ng
RT: 13.798 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BP005271.D
Acq: 12 Apr 2021 17:59

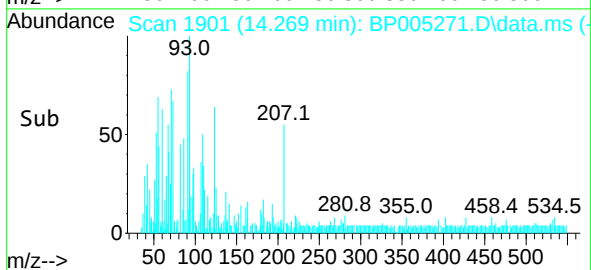
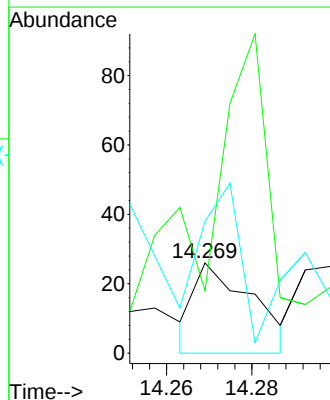
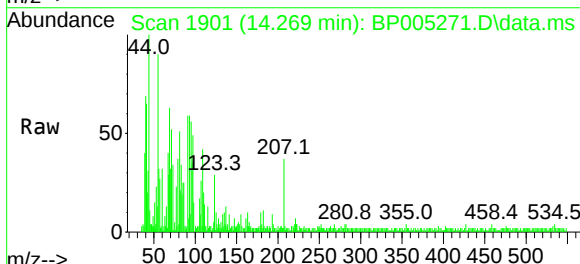
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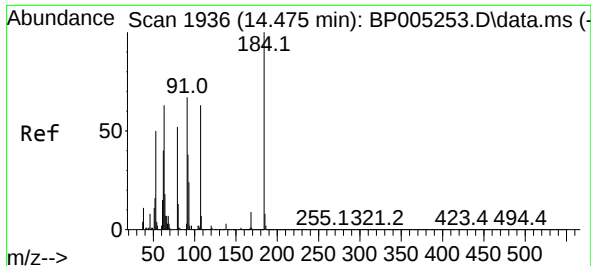
Tgt Ion:163 Resp: 11105
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 8.9 8.2 12.2



#53
3-Nitroaniline
Concen: 2.50 ng
RT: 14.269 min Scan# 1901
Delta R.T. 0.012 min
Lab File: BP005271.D
Acq: 12 Apr 2021 17:59

Tgt Ion:138 Resp: 24
Ion Ratio Lower Upper
138 100
108 69.2 7.5 11.3#
92 146.2 75.0 112.6#

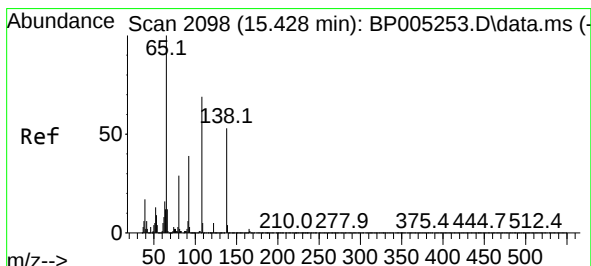
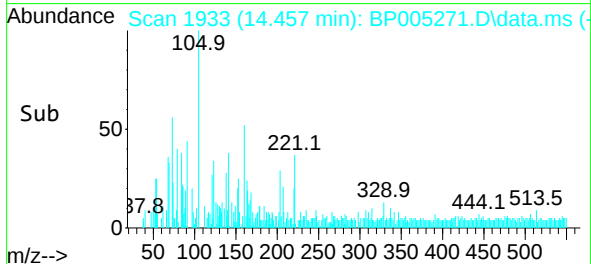
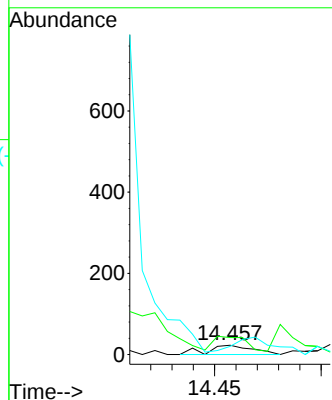
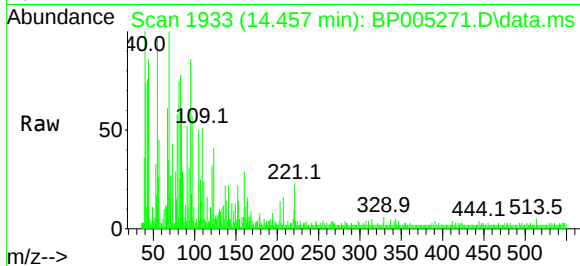




#54
2,4-Dinitrophenol
Concen: 6.19 ng
RT: 14.457 min Scan# 1933
Delta R.T. -0.018 min
Lab File: BP005271.D
Acq: 12 Apr 2021 17:59

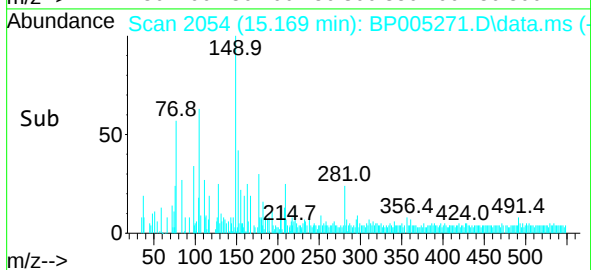
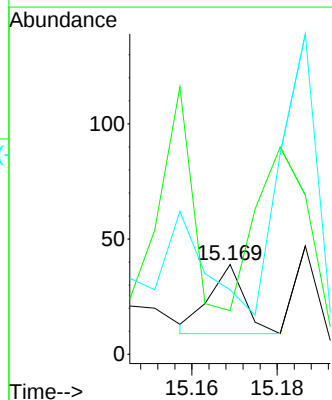
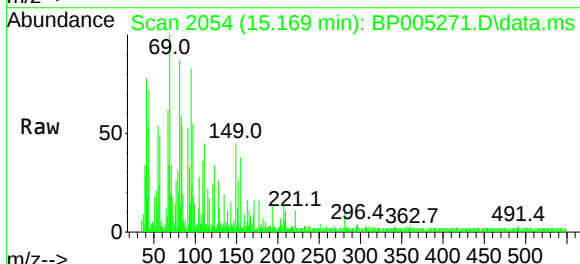
Instrument :
BNA_P
ClientSampled :
SB2-A

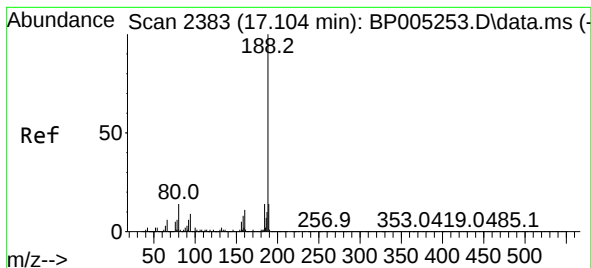
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Ion Ratio Lower Upper
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63 182.6 32.3 48.5#
154 87.0 49.1 73.7#



#62
4-Nitroaniline
Concen: 2.09 ng
RT: 15.169 min Scan# 2054
Delta R.T. -0.259 min
Lab File: BP005271.D
Acq: 12 Apr 2021 17:59

Tgt Ion:138 Resp: 17
Ion Ratio Lower Upper
138 100
92 48.7 20.7 60.7
108 71.8 47.8 87.8

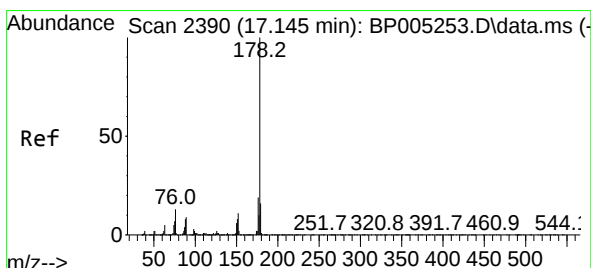
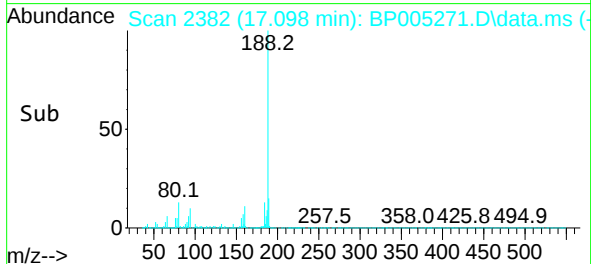
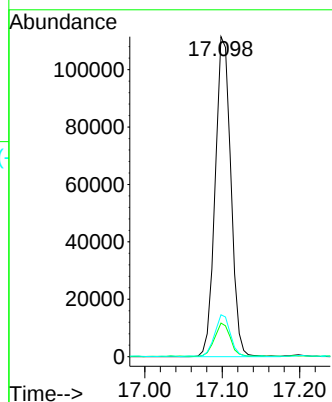
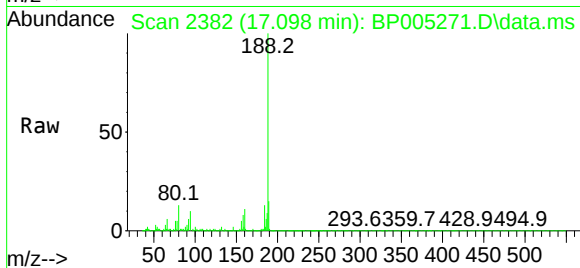




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.098 min Scan# 2382
Delta R.T. -0.006 min
Lab File: BP005271.D
Acq: 12 Apr 2021 17:59

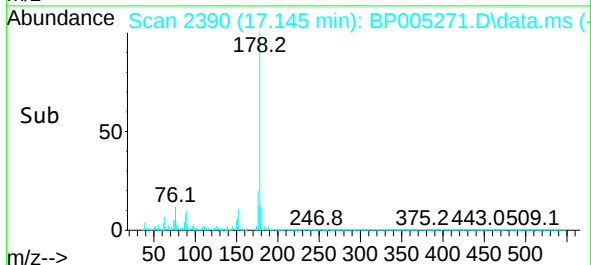
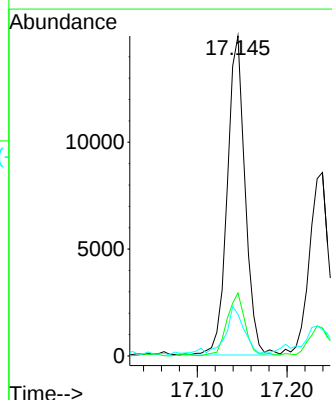
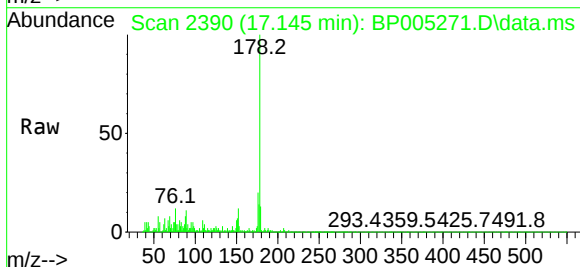
Instrument :
BNA_P
ClientSampled :
SB2-A

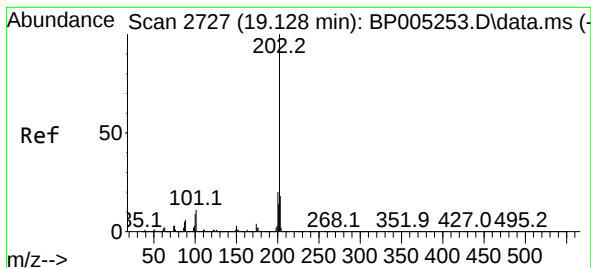
Tgt Ion:188 Resp: 156615
Ion Ratio Lower Upper
188 100
94 10.5 6.2 9.2#
80 13.1 6.2 9.2#



#71
Phenanthrene
Concen: 2.33 ng
RT: 17.145 min Scan# 2390
Delta R.T. -0.000 min
Lab File: BP005271.D
Acq: 12 Apr 2021 17:59

Tgt Ion:178 Resp: 20620
Ion Ratio Lower Upper
178 100
176 19.7 15.3 22.9
179 13.1 12.5 18.7





#75

Fluoranthene

Concen: 5.21 ng

RT: 19.128 min Scan# 2727

Delta R.T. -0.000 min

Lab File: BP005271.D

Acq: 12 Apr 2021 17:59

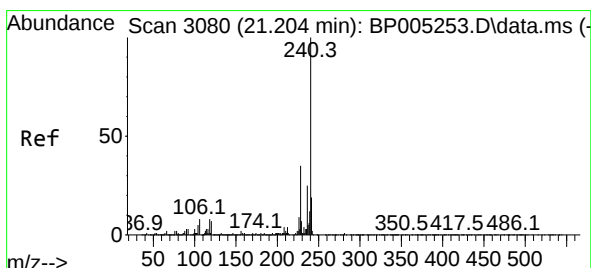
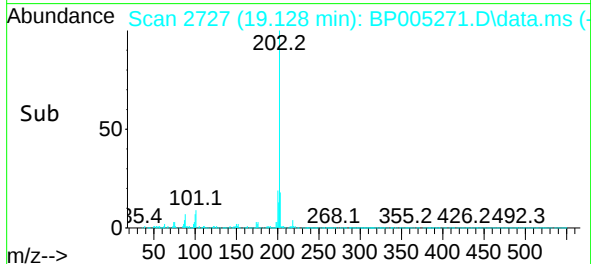
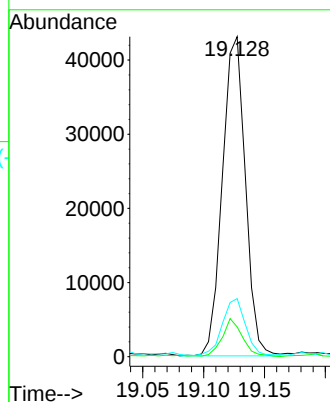
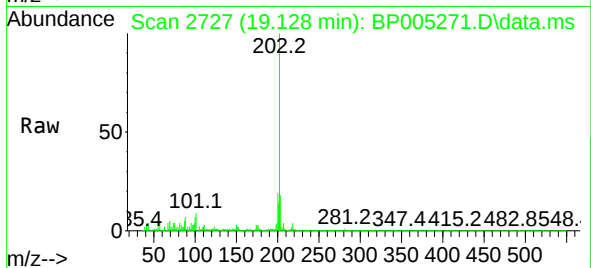
Tgt Ion:	202	Resp:	56528
Ion Ratio	Lower	Upper	
202	100		
101	9.3	0.0	29.4
203	18.2	0.0	37.8

Instrument :

BNA_P

ClientSampleId :

SB2-A



#76

Chrysene-d12

Concen: 20.00 ng

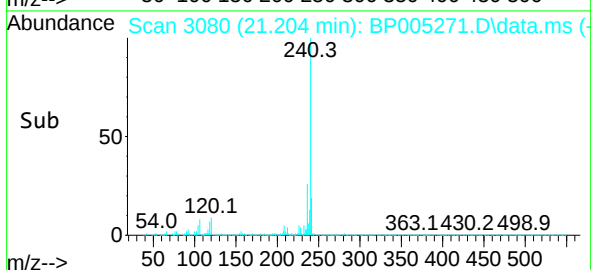
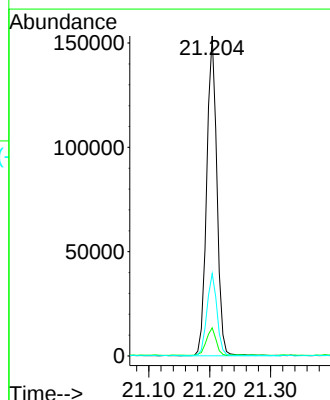
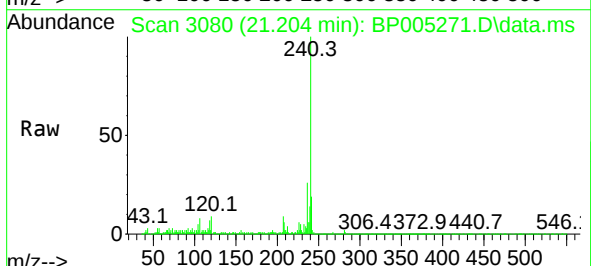
RT: 21.204 min Scan# 3080

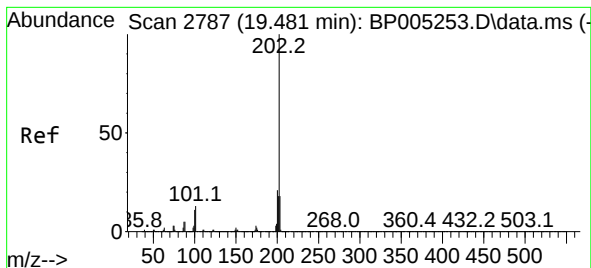
Delta R.T. -0.000 min

Lab File: BP005271.D

Acq: 12 Apr 2021 17:59

Tgt Ion:	240	Resp:	178309
Ion Ratio	Lower	Upper	
240	100		
120	8.8	7.8	11.6
236	25.8	20.8	31.2





#78

Pyrene

Concen: 5.84 ng

RT: 19.480 min Scan# 2787

Delta R.T. -0.000 min

Lab File: BP005271.D

Acq: 12 Apr 2021 17:59

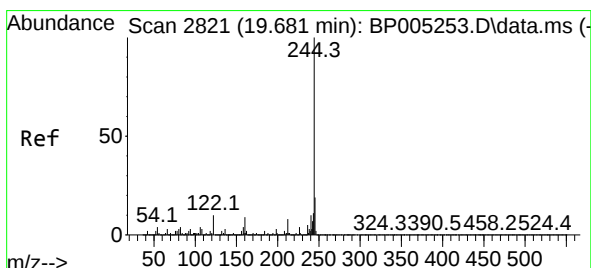
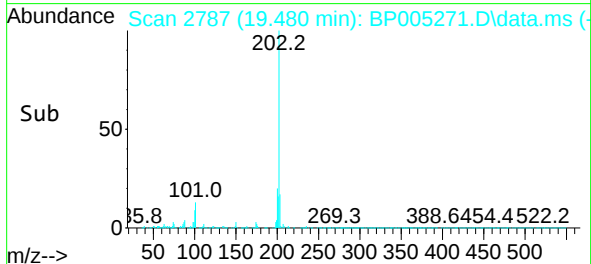
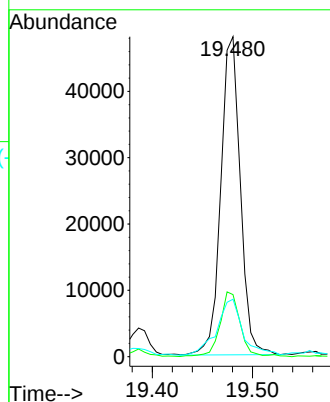
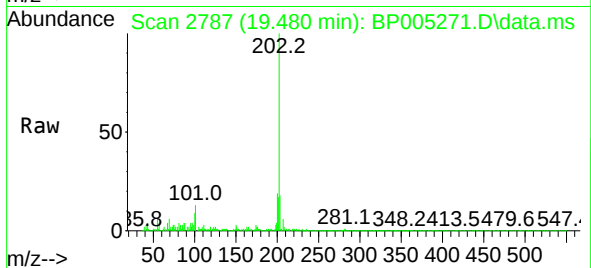
Instrument :

BNA_P

ClientSampleId :

SB2-A

Tgt Ion:202	Resp:	64772
Ion Ratio	Lower	Upper
202	100	
200	19.4	17.1 25.7
203	18.0	14.2 21.2



#79

Terphenyl-d14

Concen: 67.54 ng

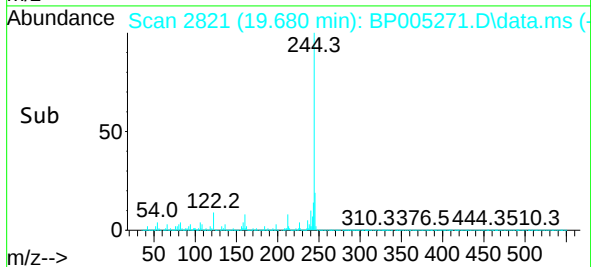
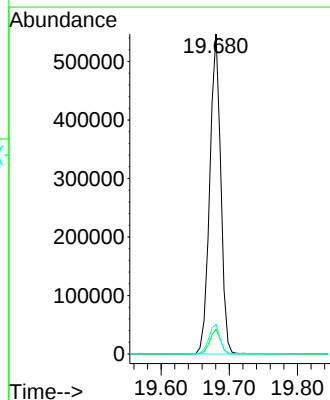
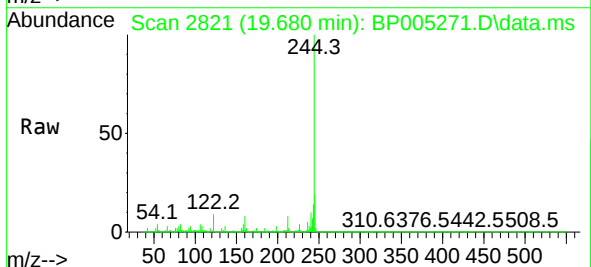
RT: 19.680 min Scan# 2821

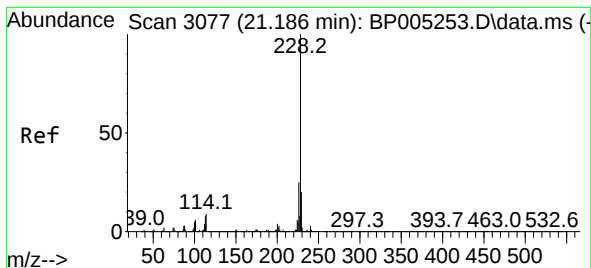
Delta R.T. -0.000 min

Lab File: BP005271.D

Acq: 12 Apr 2021 17:59

Tgt Ion:244	Resp:	613005
Ion Ratio	Lower	Upper
244	100	
212	7.8	5.8 8.6
122	9.3	7.8 11.8





#81

Benzo(a)anthracene

Concen: 3.92 ng

RT: 21.186 min Scan# 3077

Delta R.T. -0.000 min

Lab File: BP005271.D

Acq: 12 Apr 2021 17:59

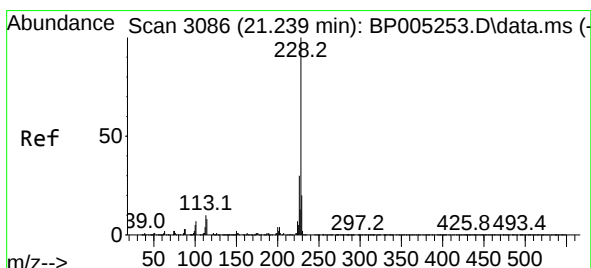
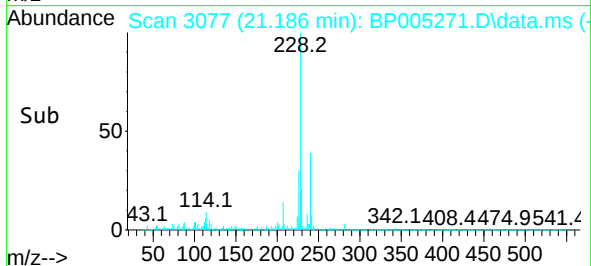
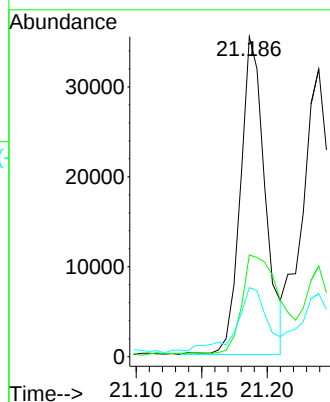
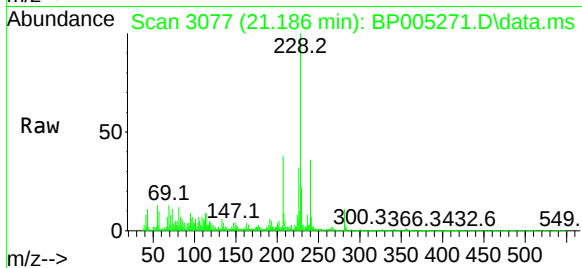
Instrument :

BNA_P

ClientSampleId :

SB2-A

Tgt Ion:228	Resp:	46116
Ion Ratio	Lower	Upper
228	100	
226	31.8	22.1 33.1
229	21.6	15.9 23.9



#83

Chrysene

Concen: 4.06 ng

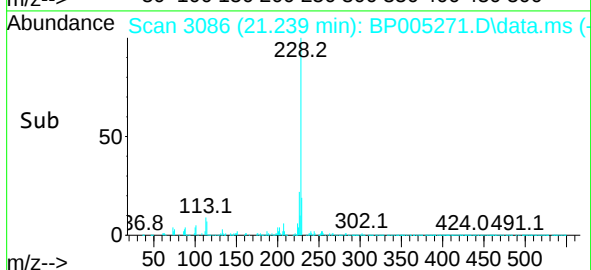
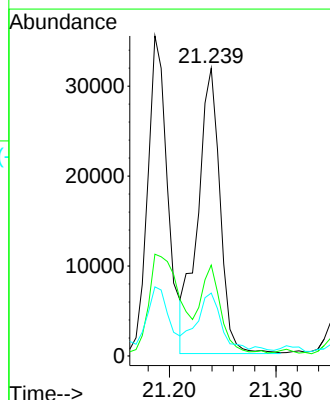
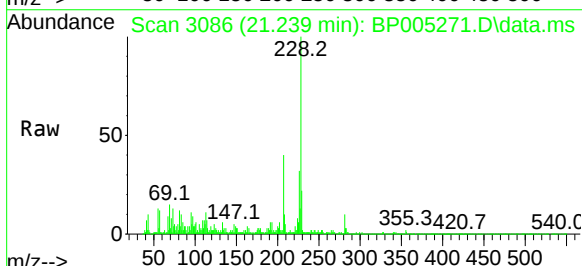
RT: 21.239 min Scan# 3086

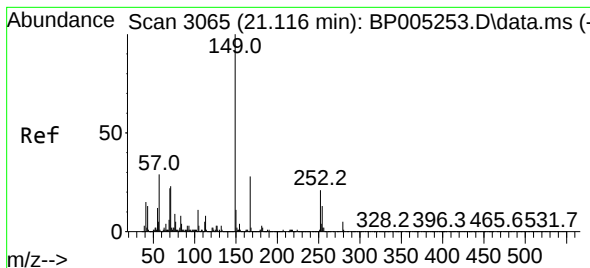
Delta R.T. -0.000 min

Lab File: BP005271.D

Acq: 12 Apr 2021 17:59

Tgt Ion:228	Resp:	46454
Ion Ratio	Lower	Upper
228	100	
226	31.6	24.4 36.6
229	21.8	15.8 23.6

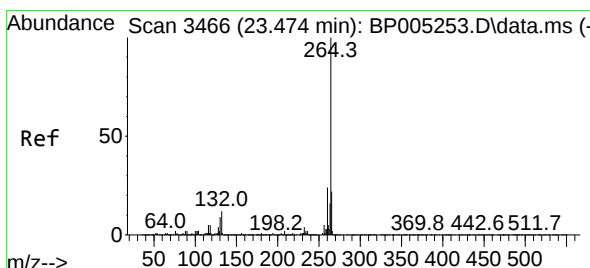
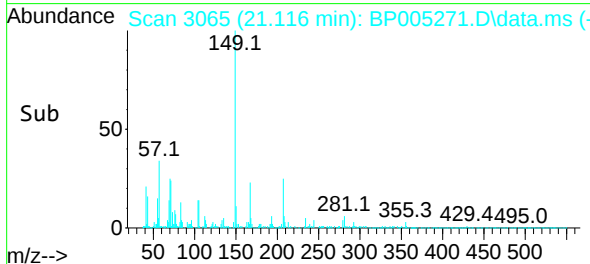
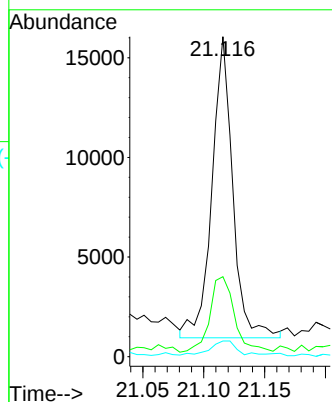
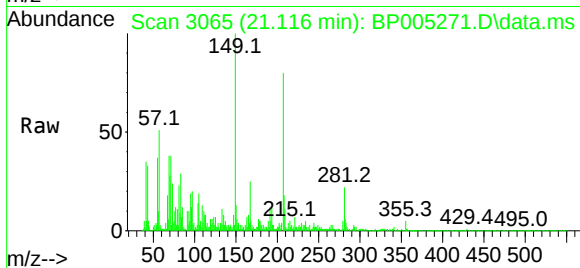




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.77 ng
RT: 21.116 min Scan# 3065
Delta R.T. -0.000 min
Lab File: BP005271.D
Acq: 12 Apr 2021 17:59

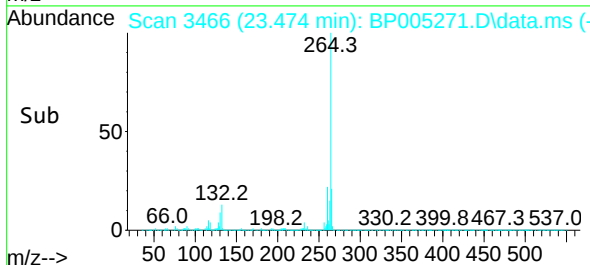
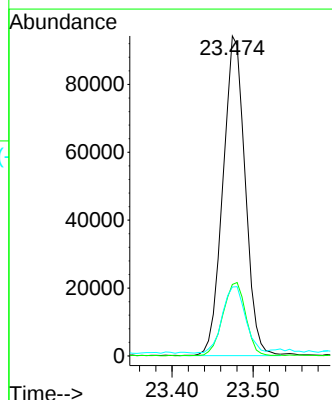
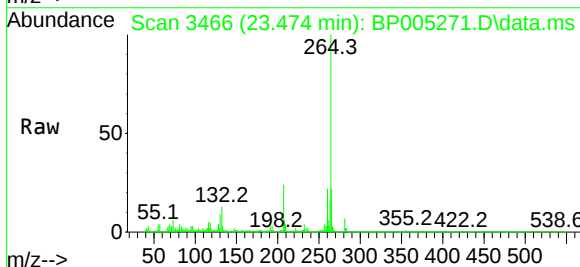
Instrument :
BNA_P
ClientSampleId :
SB2-A

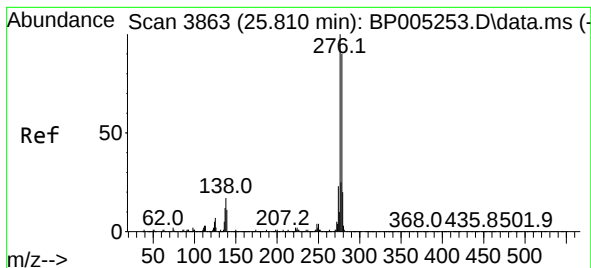
Tgt Ion:149 Resp: 18016
Ion Ratio Lower Upper
149 100
167 25.0 22.6 34.0
279 4.9 4.2 6.2



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.474 min Scan# 3466
Delta R.T. -0.000 min
Lab File: BP005271.D
Acq: 12 Apr 2021 17:59

Tgt Ion:264 Resp: 179137
Ion Ratio Lower Upper
264 100
260 22.3 18.8 28.2
265 21.5 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.02 ng

RT: 25.804 min Scan# 3862

Delta R.T. -0.006 min

Lab File: BP005271.D

Acq: 12 Apr 2021 17:59

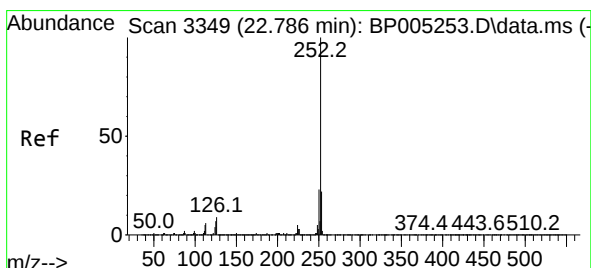
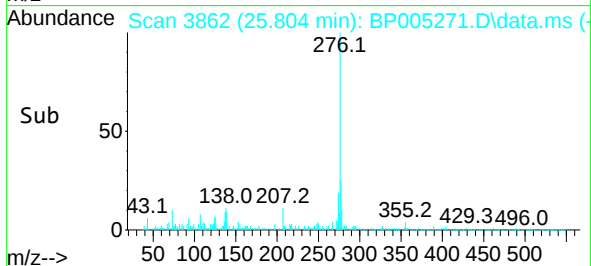
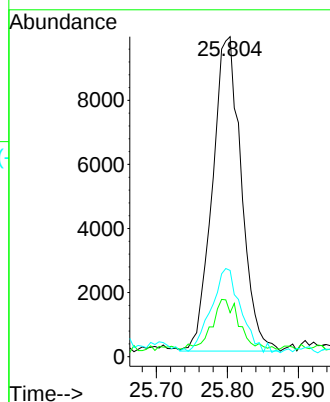
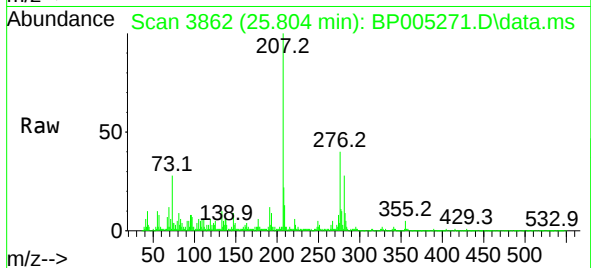
Instrument :

BNA_P

ClientSampleId :

SB2-A

Tgt Ion:	276	Resp:	27669
Ion Ratio	Lower	Upper	
276	100		
138	15.3	18.7	28.1#
277	27.6	20.4	30.6



#88

Benzo(b)fluoranthene

Concen: 6.81 ng

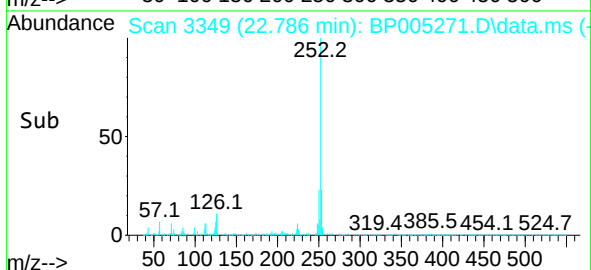
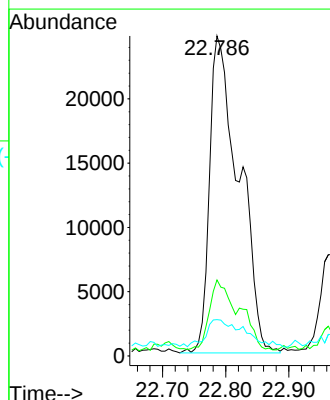
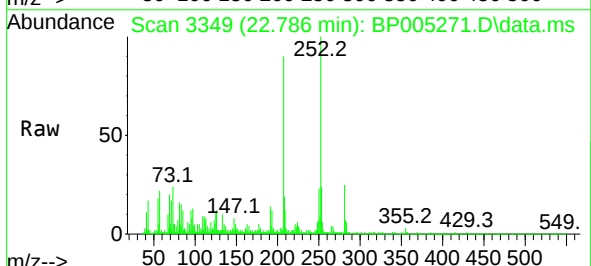
RT: 22.786 min Scan# 3349

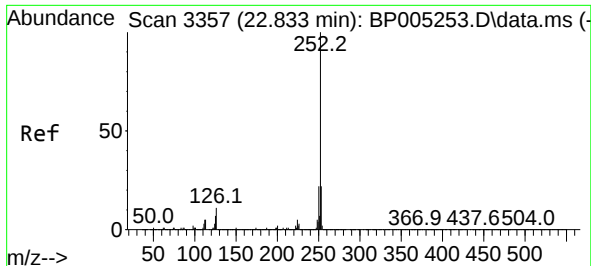
Delta R.T. -0.000 min

Lab File: BP005271.D

Acq: 12 Apr 2021 17:59

Tgt Ion:	252	Resp:	79800
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.6	26.4
125	11.3	7.3	10.9#

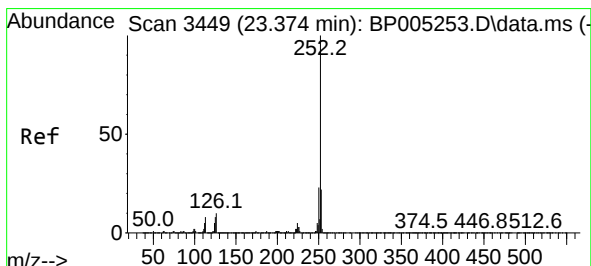
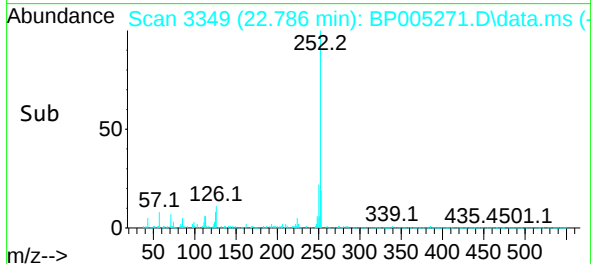
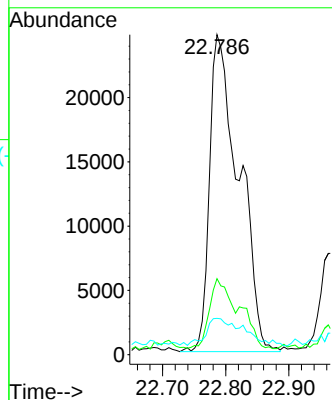
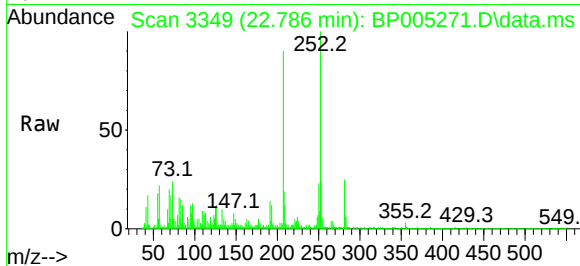




#89
Benzo(k)fluoranthene
Concen: 7.10 ng
RT: 22.786 min Scan# 3349
Delta R.T. -0.047 min
Lab File: BP005271.D
Acq: 12 Apr 2021 17:59

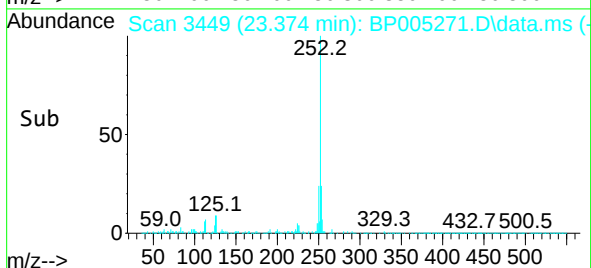
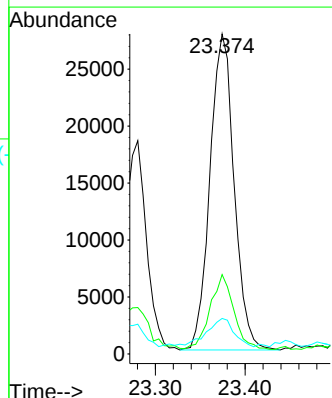
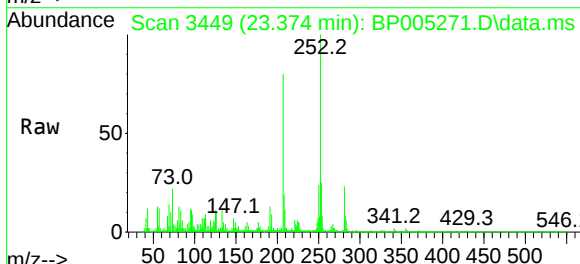
Instrument :
BNA_P
ClientSampleId :
SB2-A

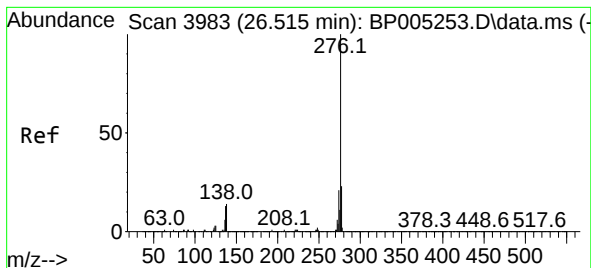
Tgt Ion:252 Resp: 79800
Ion Ratio Lower Upper
252 100
253 23.8 17.8 26.8
125 11.3 7.4 11.2#



#90
Benzo(a)pyrene
Concen: 4.78 ng
RT: 23.374 min Scan# 3449
Delta R.T. -0.000 min
Lab File: BP005271.D
Acq: 12 Apr 2021 17:59

Tgt Ion:252 Resp: 51881
Ion Ratio Lower Upper
252 100
253 24.8 17.4 26.0
125 11.1 8.2 12.4





#92

Benzo(g,h,i)perylene

Concen: 2.56 ng

RT: 26.510 min Scan# 3982

Delta R.T. -0.006 min

Lab File: BP005271.D

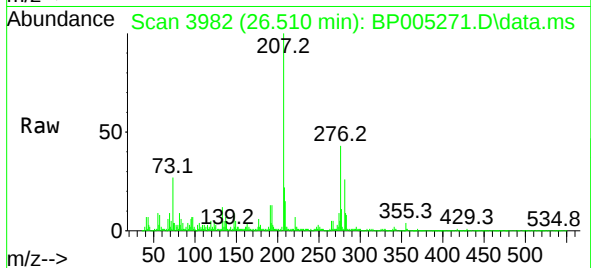
Acq: 12 Apr 2021 17:59

Instrument :

BNA_P

ClientSampleId :

SB2-A



Tgt Ion: 276 Resp: 29505

Ion Ratio Lower Upper

276 100

277 26.3 19.0 28.6

138 10.6 16.6 24.8#

