

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041221\
 Data File : BP005267.D
 Acq On : 12 Apr 2021 15:43
 Operator : CG/JU
 Sample : M1992-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 AU-05-040921

Quant Time: Apr 12 16:56:51 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)

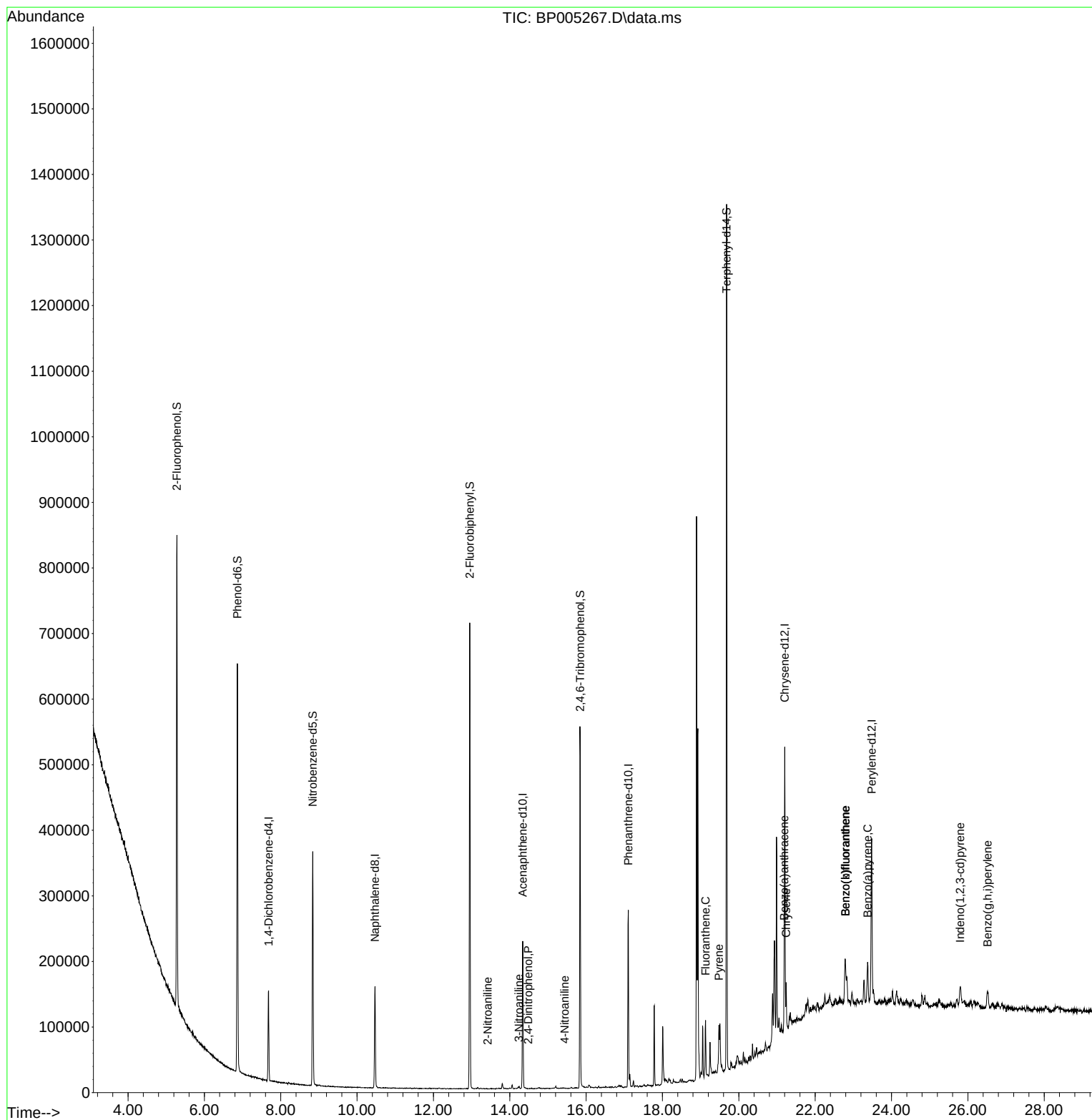
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.681	152	29455	20.00	ng	# 0.00
21) Naphthalene-d8	10.469	136	100585	20.00	ng	# 0.00
39) Acenaphthene-d10	14.339	164	59806	20.00	ng	0.00
64) Phenanthrene-d10	17.104	188	133457	20.00	ng	# 0.00
76) Chrysene-d12	21.204	240	166659	20.00	ng	0.00
86) Perylene-d12	23.480	264	172294	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	289841	103.27	ng	0.00
7) Phenol-d6	6.863	99	319612	99.80	ng	0.00
23) Nitrobenzene-d5	8.840	82	210312	65.94	ng	0.00
42) 2,4,6-Tribromophenol	15.845	330	72688	96.28	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	289183	65.28	ng	0.00
79) Terphenyl-d14	19.680	244	498939	58.81	ng	0.00
Target Compounds						
						Qvalue
48) 2-Nitroaniline	13.422	65	68	3.56	ng	# 10
53) 3-Nitroaniline	14.240	138	10	2.48	ng	# 98
54) 2,4-Dinitrophenol	14.481	184	6	6.16	ng	# 1
62) 4-Nitroaniline	15.439	138	16	2.09	ng	82
75) Fluoranthene	19.127	202	39712	4.29	ng	98
78) Pyrene	19.480	202	38779	3.74	ng	98
81) Benzo(a)anthracene	21.186	228	33912	3.08	ng	98
83) Chrysene	21.239	228	34535	3.23	ng	97
87) Indeno(1,2,3-cd)pyrene	25.798	276	29894	2.27	ng	# 92
88) Benzo(b)fluoranthene	22.792	252	54871	4.87	ng	98
89) Benzo(k)fluoranthene	22.792	252	54871	5.08	ng	98
90) Benzo(a)pyrene	23.374	252	39016	3.74	ng	97
92) Benzo(g,h,i)perylene	26.515	276	34042	3.07	ng	94

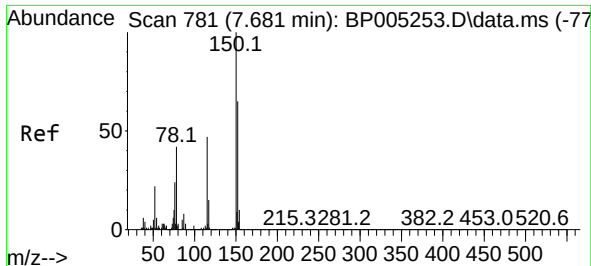
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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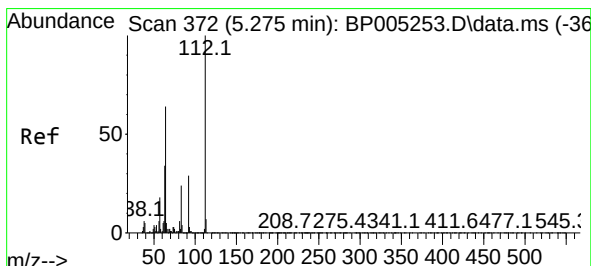
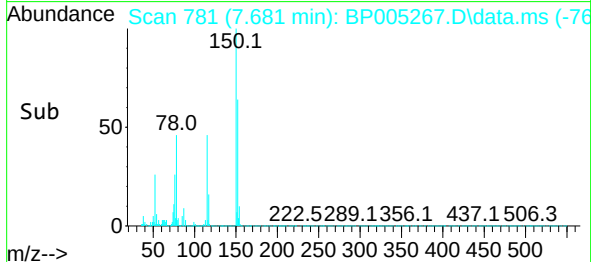
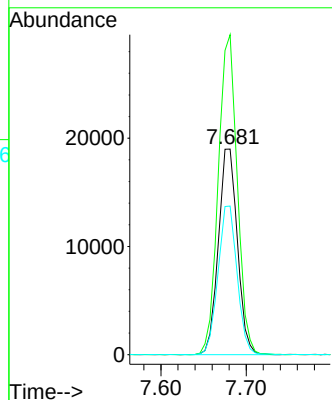
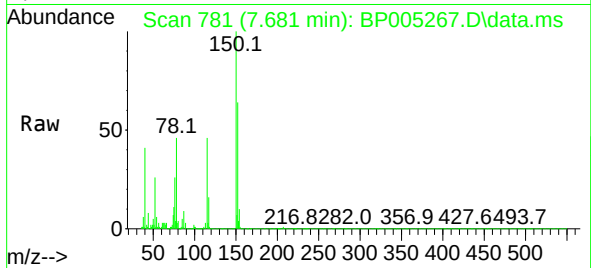




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.681 min Scan# 781
Delta R.T. 0.000 min
Lab File: BP005267.D
Acq: 12 Apr 2021 15:43

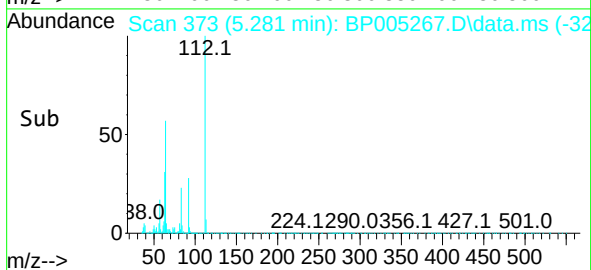
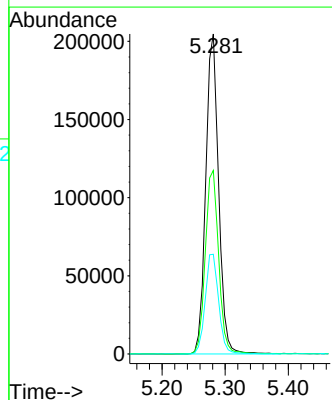
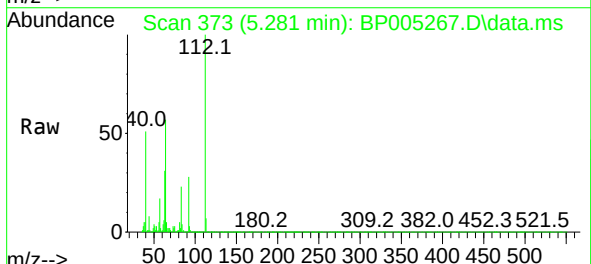
Instrument :
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AU-05-040921

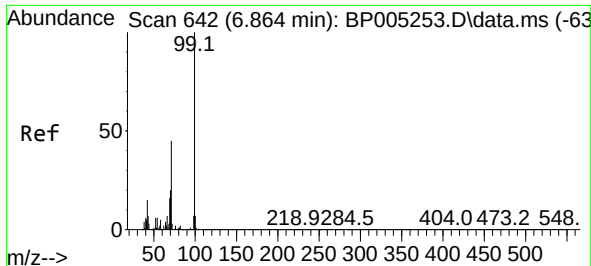
Tgt Ion:152 Resp: 29455
Ion Ratio Lower Upper
152 100
150 155.6 123.8 185.6
115 72.3 43.8 65.6#



#5
2-Fluorophenol
Concen: 103.27 ng
RT: 5.281 min Scan# 373
Delta R.T. 0.006 min
Lab File: BP005267.D
Acq: 12 Apr 2021 15:43

Tgt Ion:112 Resp: 289841
Ion Ratio Lower Upper
112 100
64 57.4 32.8 49.2#
63 31.2 17.0 25.4#

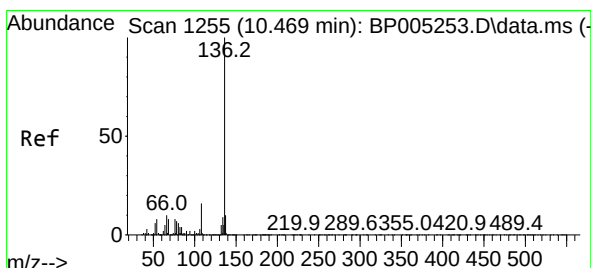
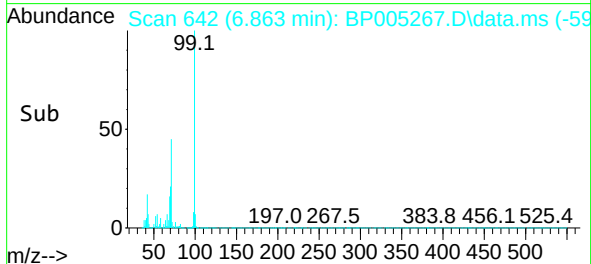
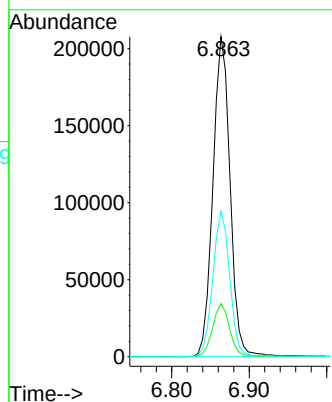
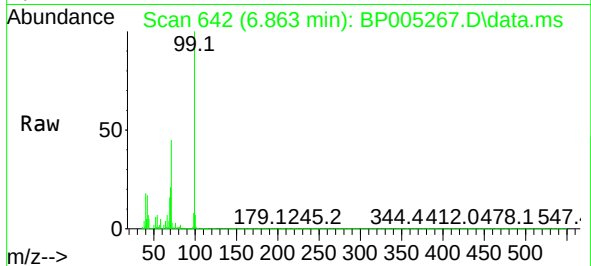




#7
Phenol-d6
Concen: 99.80 ng
RT: 6.863 min Scan# 642
Delta R.T. -0.000 min
Lab File: BP005267.D
Acq: 12 Apr 2021 15:43

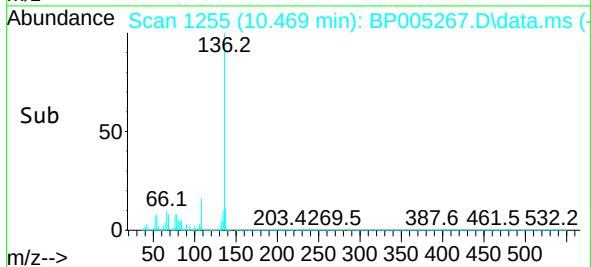
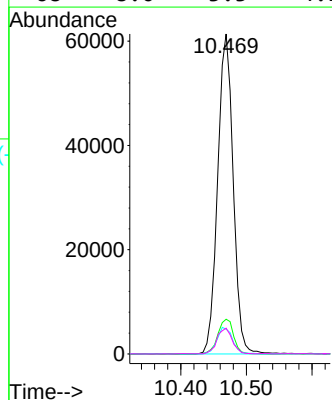
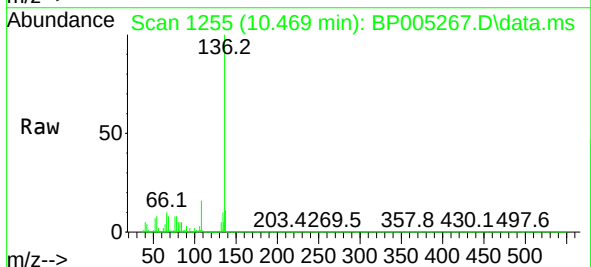
Instrument :
BNA_P
ClientSampleId :
AU-05-040921

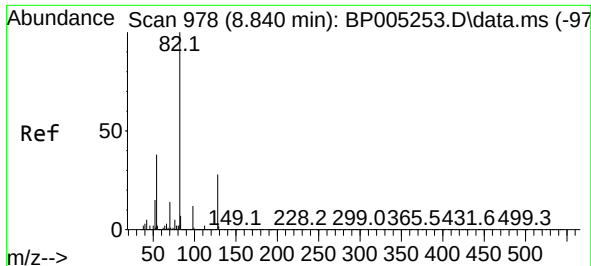
Tgt Ion: 99 Resp: 319612
Ion Ratio Lower Upper
99 100
42 16.6 8.6 13.0#
71 45.4 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.469 min Scan# 1255
Delta R.T. -0.000 min
Lab File: BP005267.D
Acq: 12 Apr 2021 15:43

Tgt Ion:136 Resp: 100585
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 7.8 3.6 5.4#
68 8.0 3.3 4.9#

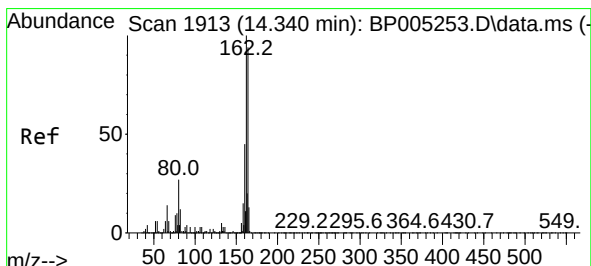
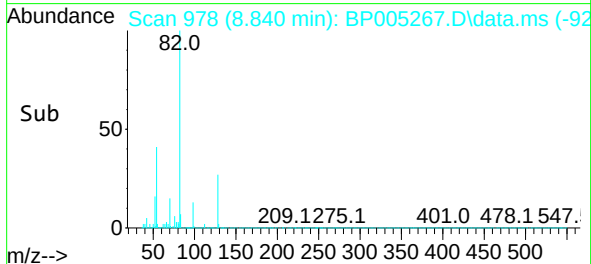
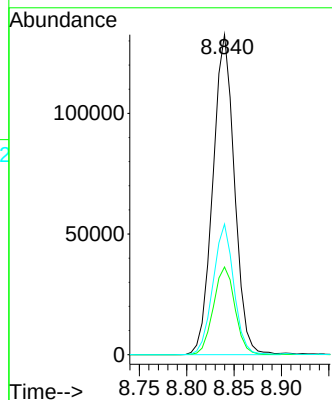
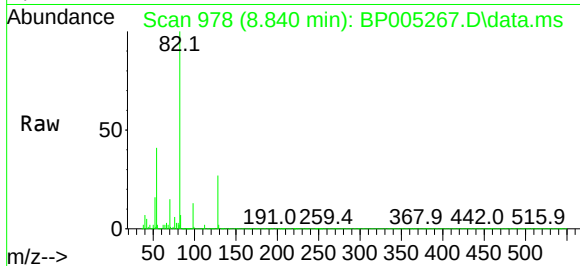




#23
 Nitrobenzene-d5
 Concen: 65.94 ng
 RT: 8.840 min Scan# 978
 Delta R.T. -0.000 min
 Lab File: BP005267.D
 Acq: 12 Apr 2021 15:43

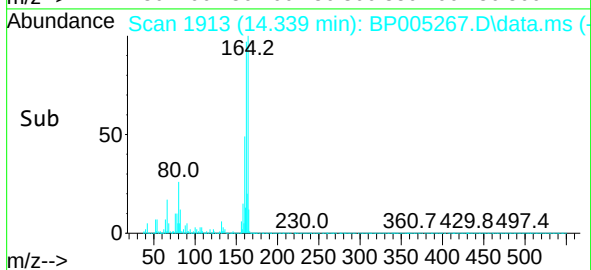
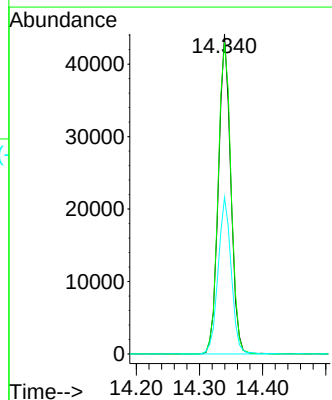
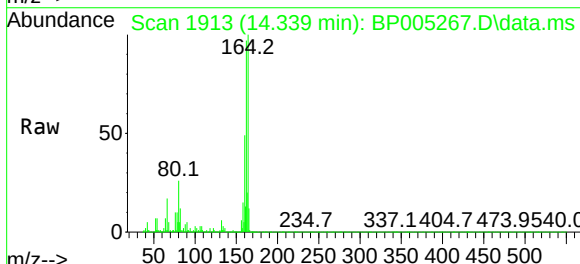
Instrument :
 BNA_P
 ClientSampleId :
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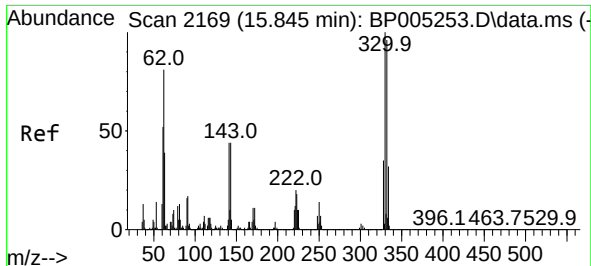
Tgt Ion: 82 Resp: 210312
 Ion Ratio Lower Upper
 82 100
 128 27.4 45.6 68.4#
 54 40.8 30.1 45.1



#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.339 min Scan# 1913
 Delta R.T. -0.001 min
 Lab File: BP005267.D
 Acq: 12 Apr 2021 15:43

Tgt Ion: 164 Resp: 59806
 Ion Ratio Lower Upper
 164 100
 162 97.3 79.4 119.2
 160 48.9 36.1 54.1

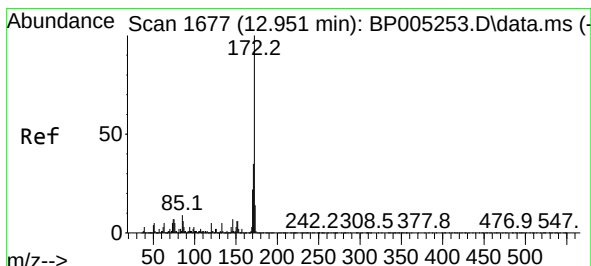
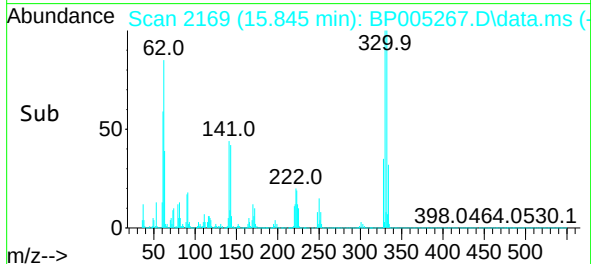
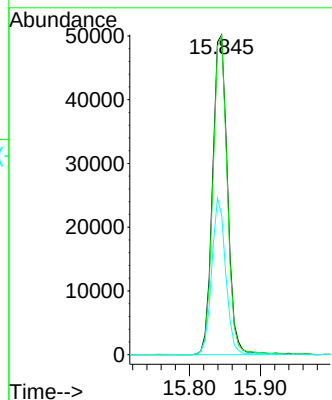
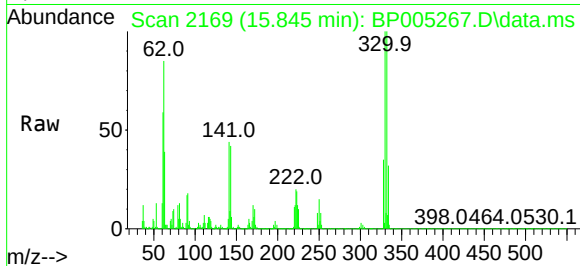




#42
2,4,6-Tribromophenol
Concen: 96.28 ng
RT: 15.845 min Scan# 2169
Delta R.T. -0.000 min
Lab File: BP005267.D
Acq: 12 Apr 2021 15:43

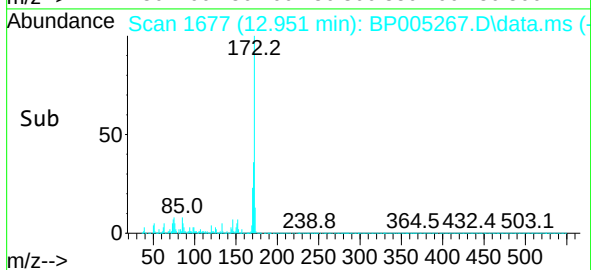
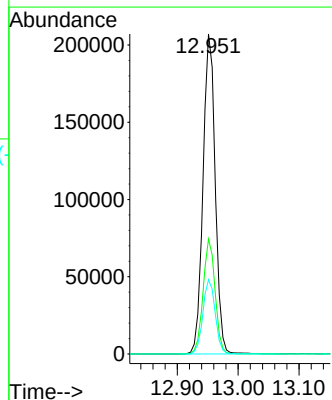
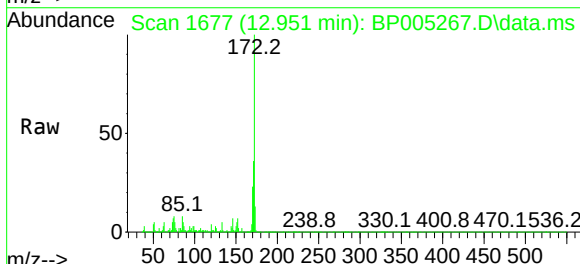
Instrument :
BNA_P
ClientSampleId :
AU-05-040921

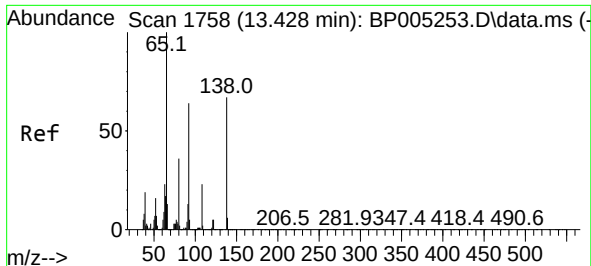
Tgt Ion:330 Resp: 72688
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 46.2 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 65.28 ng
RT: 12.951 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BP005267.D
Acq: 12 Apr 2021 15:43

Tgt Ion:172 Resp: 289183
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 23.2 19.2 28.8

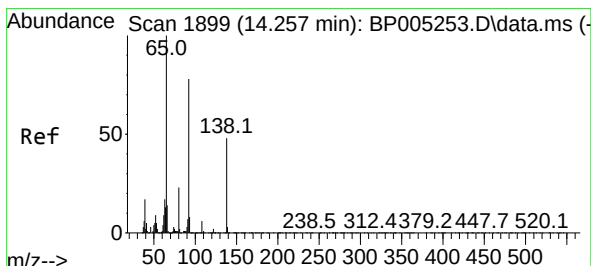
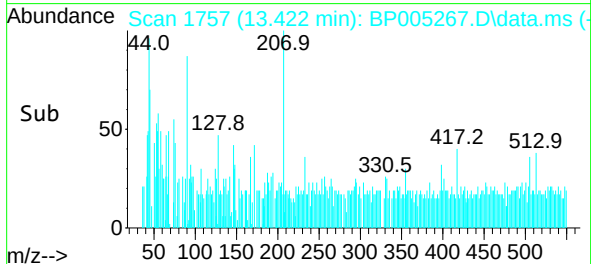
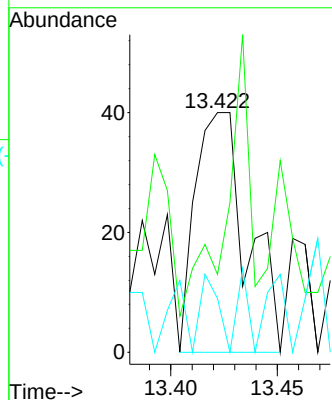
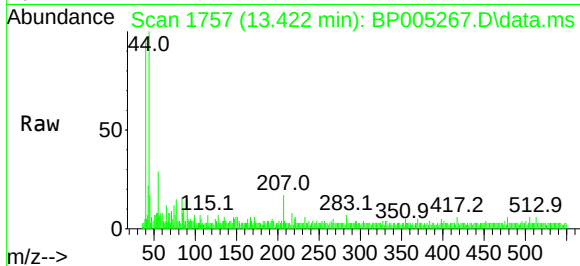




#48
2-Nitroaniline
Concen: 3.56 ng
RT: 13.422 min Scan# 1757
Delta R.T. -0.006 min
Lab File: BP005267.D
Acq: 12 Apr 2021 15:43

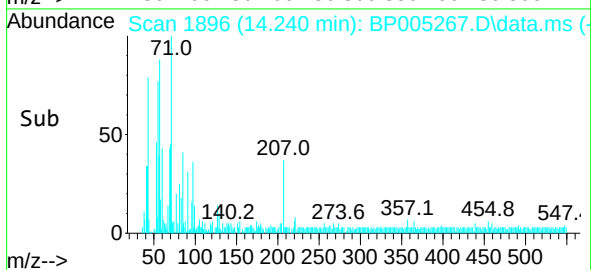
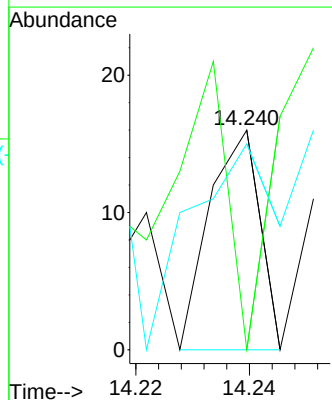
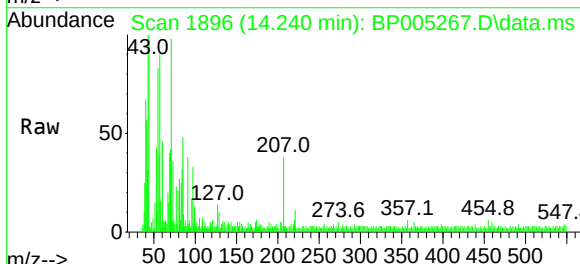
Instrument :
BNA_P
ClientSampled :
AU-05-040921

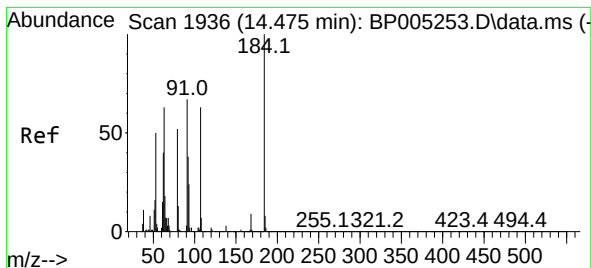
Tgt Ion: 65 Resp: 68
Ion Ratio Lower Upper
65 100
92 32.5 70.6 106.0#
138 22.5 133.6 200.4#



#53
3-Nitroaniline
Concen: 2.48 ng
RT: 14.240 min Scan# 1896
Delta R.T. -0.017 min
Lab File: BP005267.D
Acq: 12 Apr 2021 15:43

Tgt Ion: 138 Resp: 10
Ion Ratio Lower Upper
138 100
108 0.0 7.5 11.3#
92 93.8 75.0 112.6

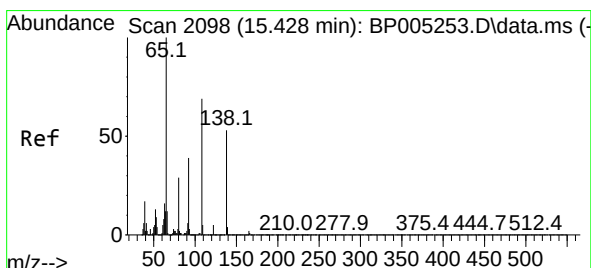
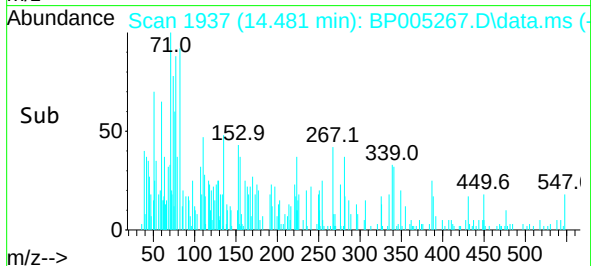
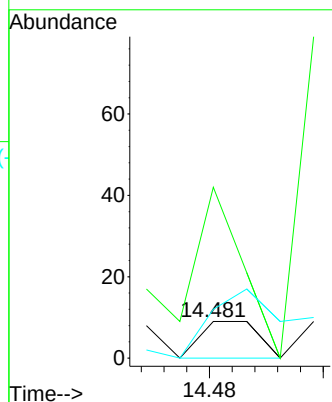
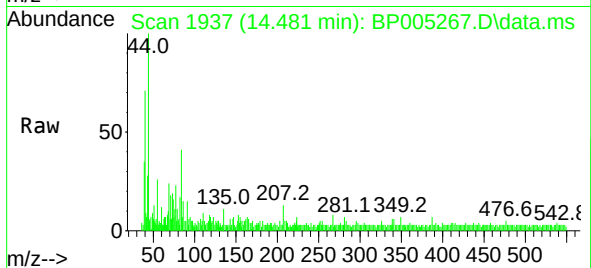




#54
2,4-Dinitrophenol
Concen: 6.16 ng
RT: 14.481 min Scan# 1937
Delta R.T. 0.006 min
Lab File: BP005267.D
Acq: 12 Apr 2021 15:43

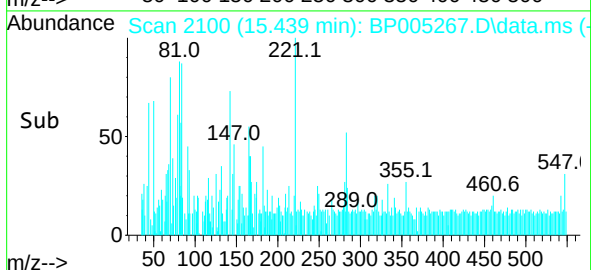
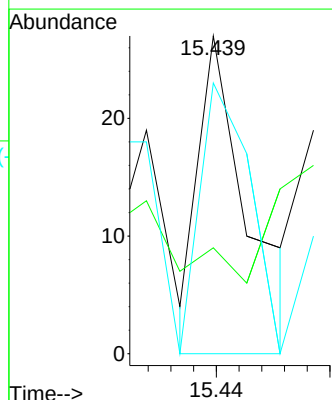
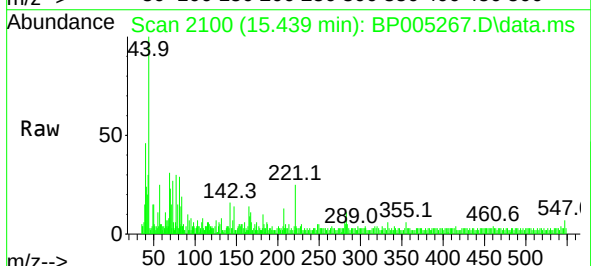
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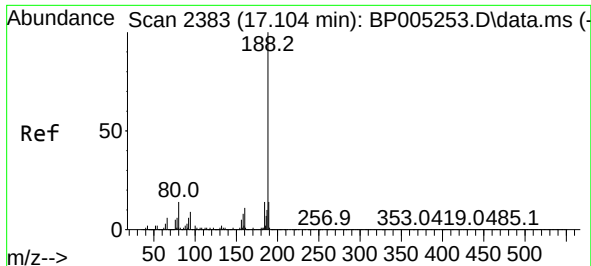
Tgt Ion:184 Resp: 6
Ion Ratio Lower Upper
184 100
63 466.7 32.3 48.5#
154 133.3 49.1 73.7#



#62
4-Nitroaniline
Concen: 2.09 ng
RT: 15.439 min Scan# 2100
Delta R.T. 0.011 min
Lab File: BP005267.D
Acq: 12 Apr 2021 15:43

Tgt Ion:138 Resp: 16
Ion Ratio Lower Upper
138 100
92 33.3 20.7 60.7
108 85.2 47.8 87.8

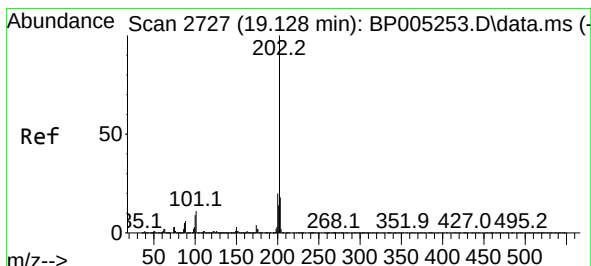
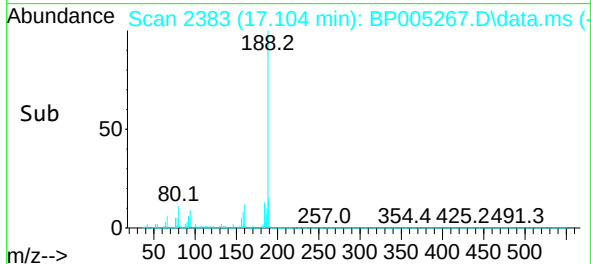
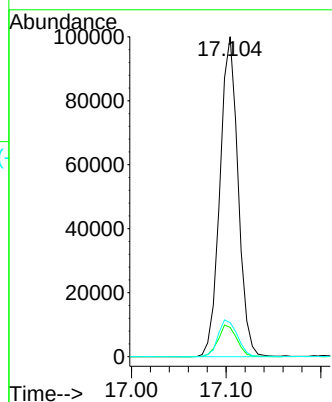
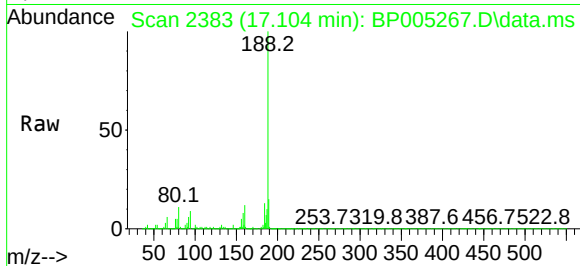




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.104 min Scan# 2383
Delta R.T. -0.000 min
Lab File: BP005267.D
Acq: 12 Apr 2021 15:43

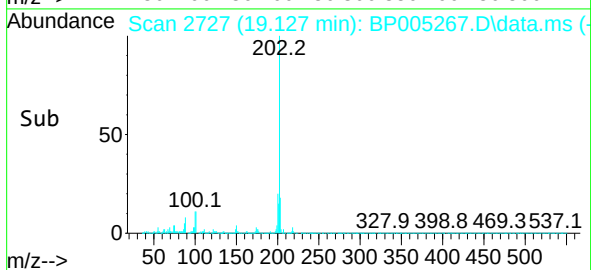
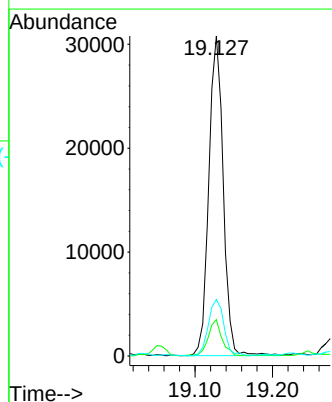
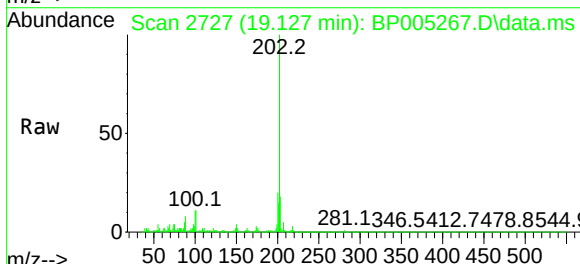
Instrument :
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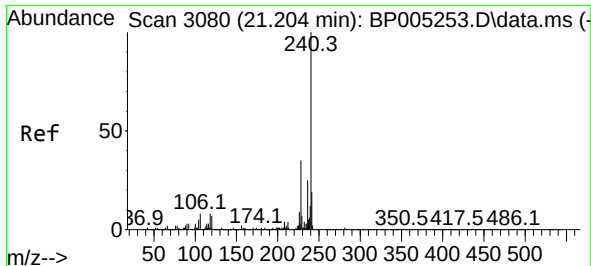
Tgt Ion:188 Resp: 133457
Ion Ratio Lower Upper
188 100
94 9.1 6.2 9.2
80 10.6 6.2 9.2#



#75
Fluoranthene
Concen: 4.29 ng
RT: 19.127 min Scan# 2727
Delta R.T. -0.000 min
Lab File: BP005267.D
Acq: 12 Apr 2021 15:43

Tgt Ion:202 Resp: 39712
Ion Ratio Lower Upper
202 100
101 11.3 0.0 29.4
203 17.6 0.0 37.8

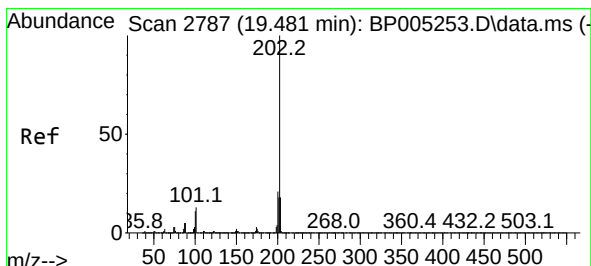
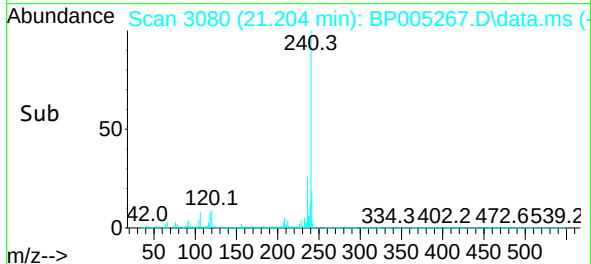
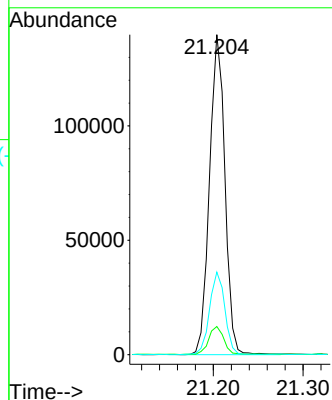
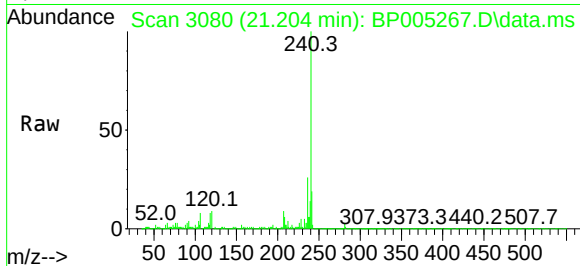




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.204 min Scan# 3080
Delta R.T. -0.000 min
Lab File: BP005267.D
Acq: 12 Apr 2021 15:43

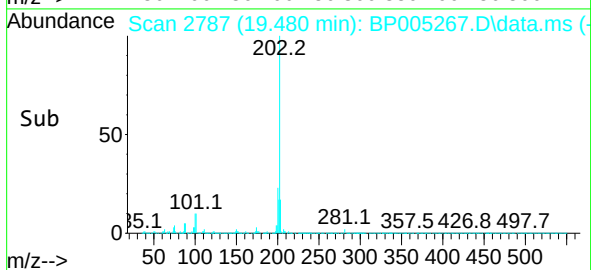
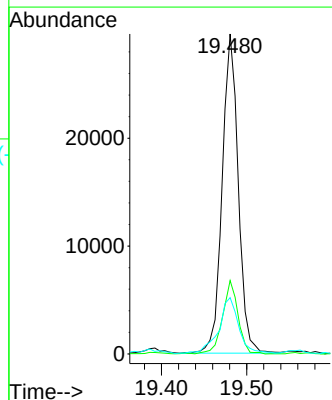
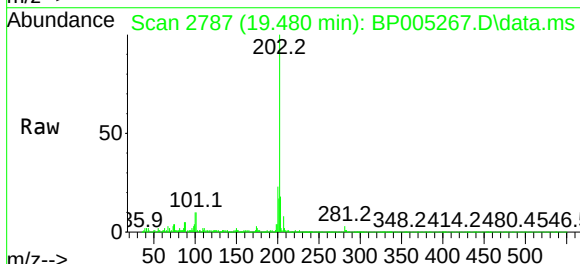
Instrument :
BNA_P
ClientSampleId :
AU-05-040921

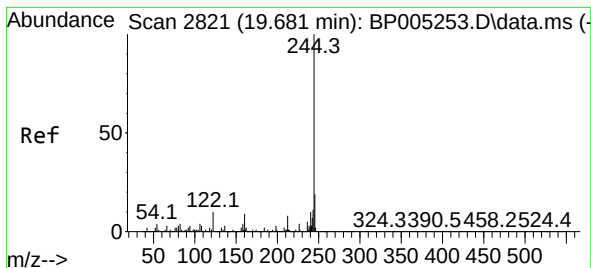
Tgt Ion:240 Resp: 166659
Ion Ratio Lower Upper
240 100
120 8.8 7.8 11.6
236 25.8 20.8 31.2



#78
Pyrene
Concen: 3.74 ng
RT: 19.480 min Scan# 2787
Delta R.T. -0.000 min
Lab File: BP005267.D
Acq: 12 Apr 2021 15:43

Tgt Ion:202 Resp: 38779
Ion Ratio Lower Upper
202 100
200 23.0 17.1 25.7
203 17.6 14.2 21.2

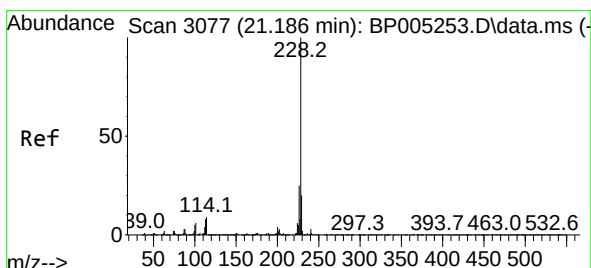
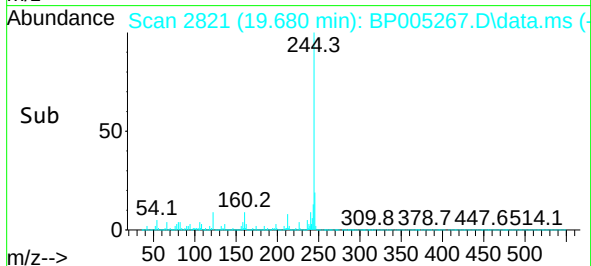
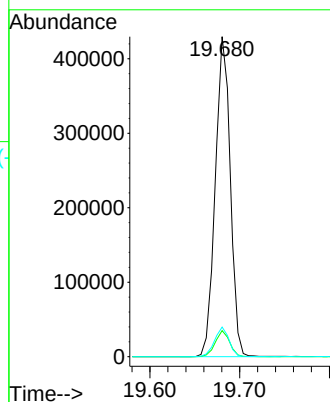
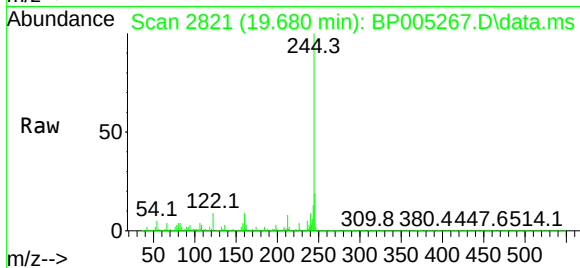




#79
Terphenyl-d14
Concen: 58.81 ng
RT: 19.680 min Scan# 2821
Delta R.T. -0.000 min
Lab File: BP005267.D
Acq: 12 Apr 2021 15:43

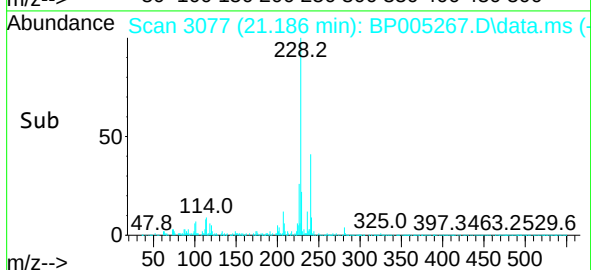
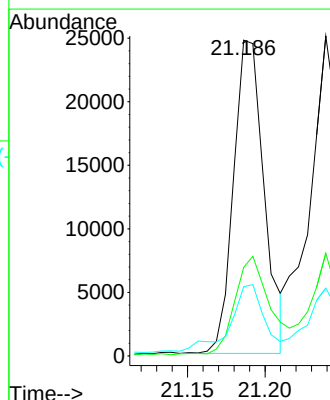
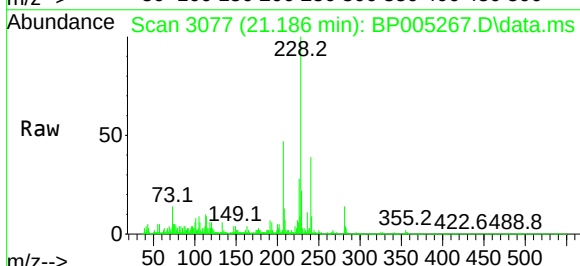
Instrument :
BNA_P
ClientSampleId :
AU-05-040921

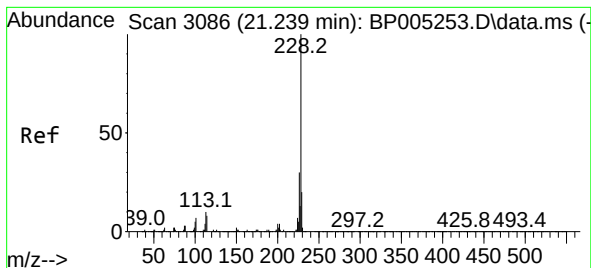
Tgt Ion:244 Resp: 498939
Ion Ratio Lower Upper
244 100
212 8.1 5.8 8.6
122 9.2 7.8 11.8



#81
Benzo(a)anthracene
Concen: 3.08 ng
RT: 21.186 min Scan# 3077
Delta R.T. -0.000 min
Lab File: BP005267.D
Acq: 12 Apr 2021 15:43

Tgt Ion:228 Resp: 33912
Ion Ratio Lower Upper
228 100
226 28.1 22.1 33.1
229 22.0 15.9 23.9





#83

Chrysene

Concen: 3.23 ng

RT: 21.239 min Scan# 3086

Delta R.T. -0.000 min

Lab File: BP005267.D

Acq: 12 Apr 2021 15:43

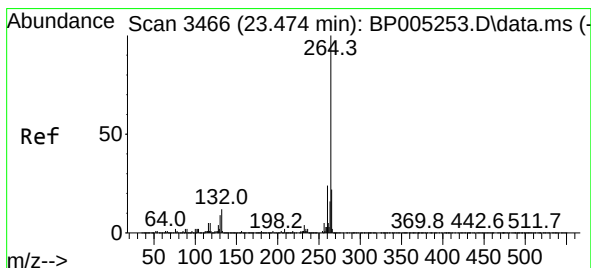
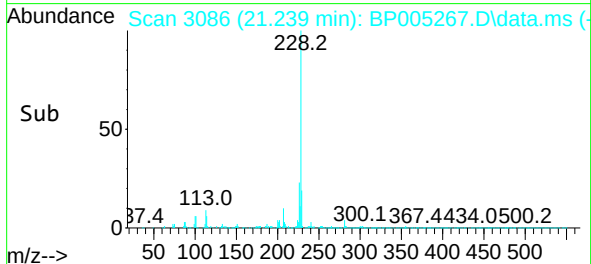
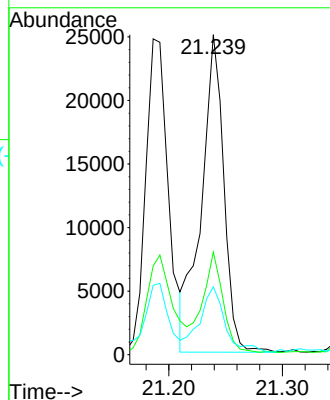
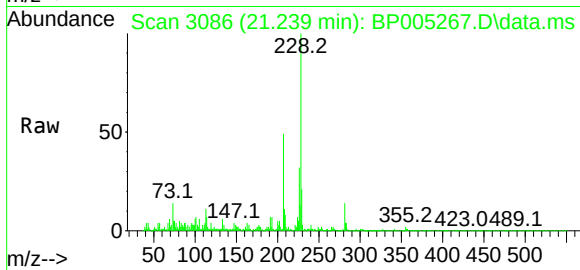
Tgt Ion: 228	Resp: 34535
Ion Ratio	Lower Upper
228 100	
226 32.1	24.4 36.6
229 21.2	15.8 23.6

Instrument :

BNA_P

ClientSampleId :

AU-05-040921



#86

Perylene-d12

Concen: 20.00 ng

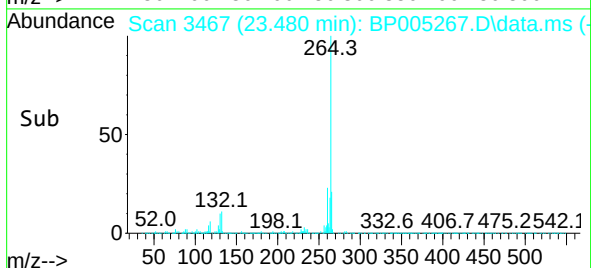
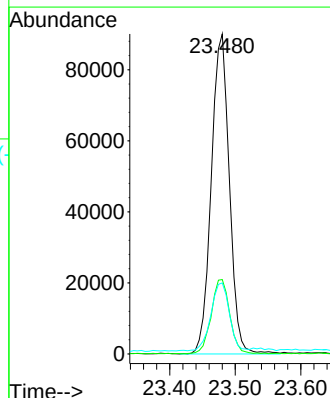
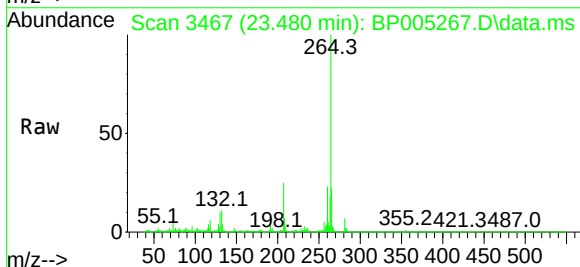
RT: 23.480 min Scan# 3467

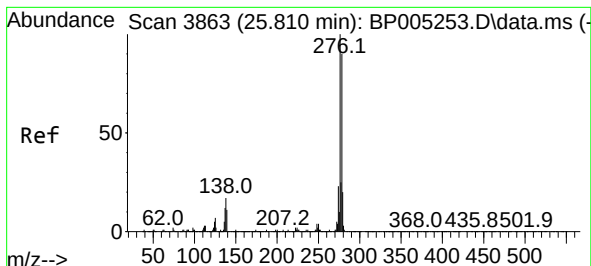
Delta R.T. 0.006 min

Lab File: BP005267.D

Acq: 12 Apr 2021 15:43

Tgt Ion: 264	Resp: 172294
Ion Ratio	Lower Upper
264 100	
260 23.3	18.8 28.2
265 22.2	17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.27 ng

RT: 25.798 min Scan# 3861

Delta R.T. -0.012 min

Lab File: BP005267.D

Acq: 12 Apr 2021 15:43

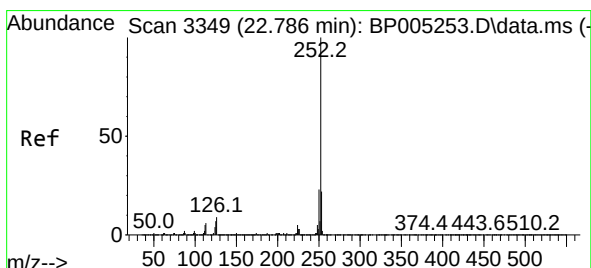
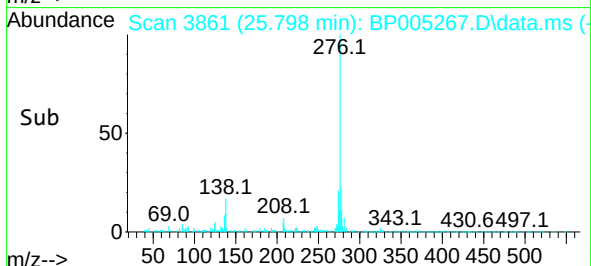
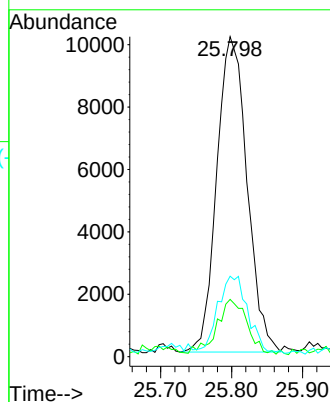
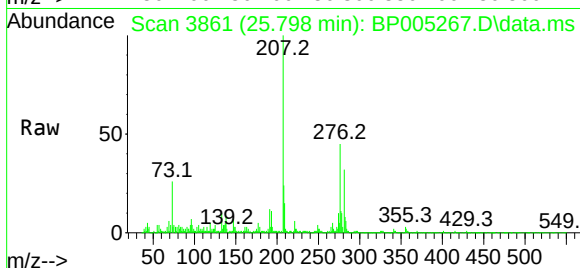
Instrument :

BNA_P

ClientSampleId :

AU-05-040921

Tgt Ion:	276	Resp:	29894
Ion Ratio	Lower	Upper	
276	100		
138	16.5	18.7	28.1#
277	24.4	20.4	30.6



#88

Benzo(b)fluoranthene

Concen: 4.87 ng

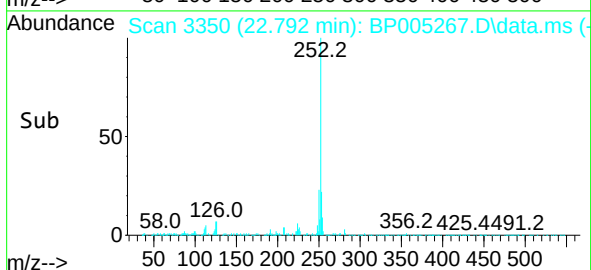
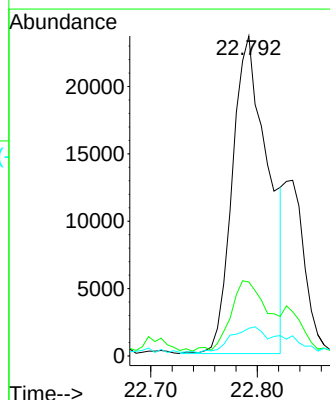
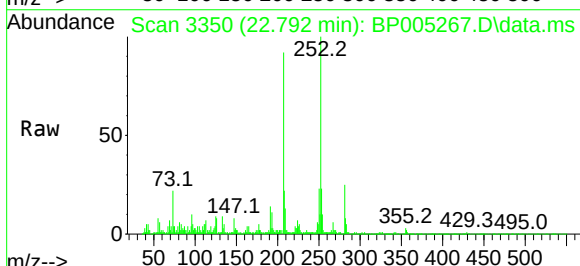
RT: 22.792 min Scan# 3350

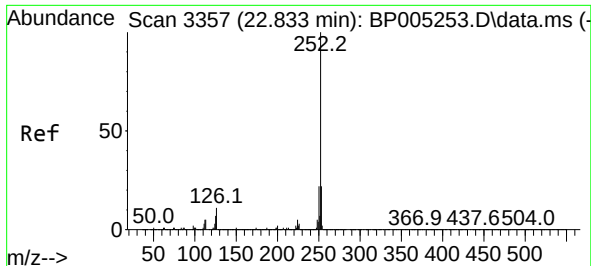
Delta R.T. 0.006 min

Lab File: BP005267.D

Acq: 12 Apr 2021 15:43

Tgt Ion:	252	Resp:	54871
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.6	26.4
125	8.7	7.3	10.9

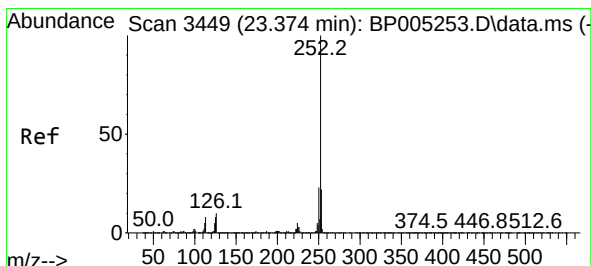
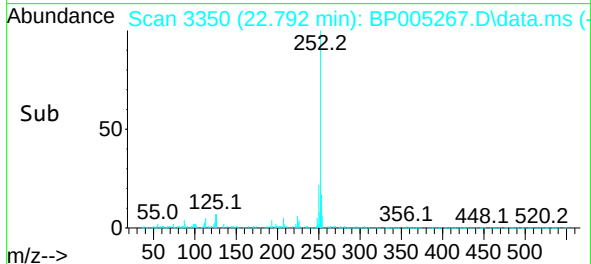
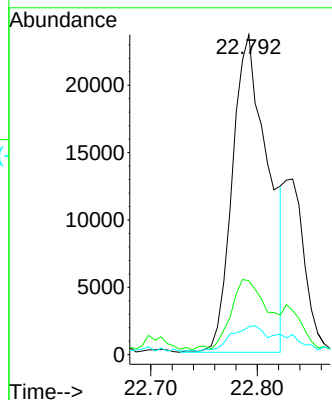
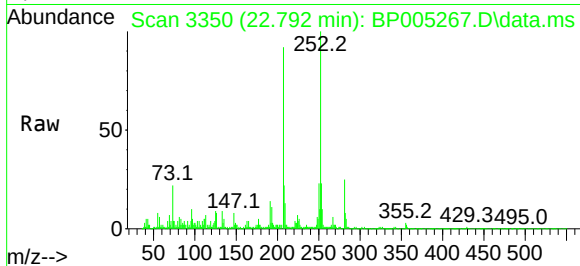




#89
Benzo(k)fluoranthene
Concen: 5.08 ng
RT: 22.792 min Scan# 3350
Delta R.T. -0.041 min
Lab File: BP005267.D
Acq: 12 Apr 2021 15:43

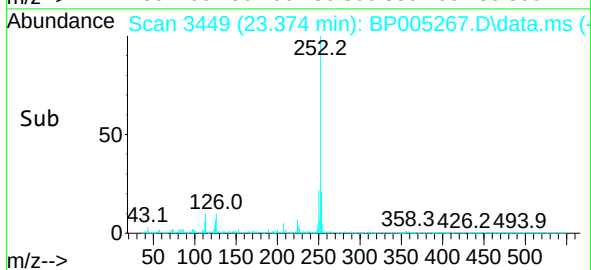
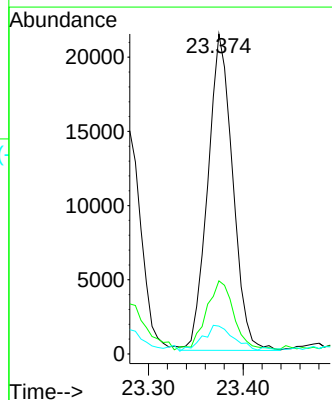
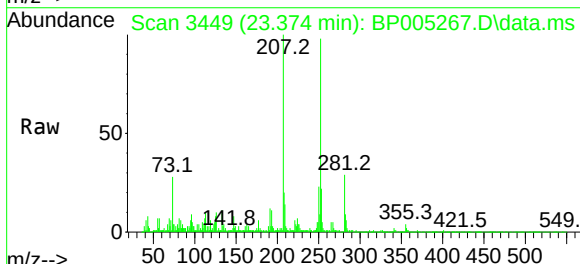
Instrument :
BNA_P
ClientSampleId :
AU-05-040921

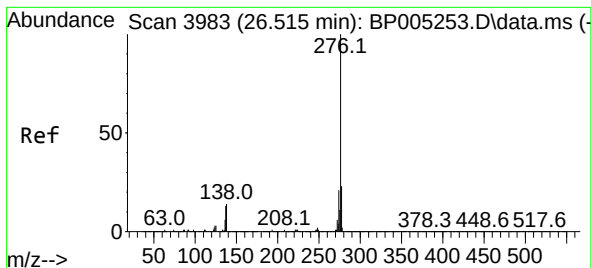
Tgt Ion:252 Resp: 54871
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.8
125 8.7 7.4 11.2



#90
Benzo(a)pyrene
Concen: 3.74 ng
RT: 23.374 min Scan# 3449
Delta R.T. -0.000 min
Lab File: BP005267.D
Acq: 12 Apr 2021 15:43

Tgt Ion:252 Resp: 39016
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.0
125 8.7 8.2 12.4





#92

Benzo(g,h,i)perylene

Concen: 3.07 ng

RT: 26.515 min Scan# 3983

Delta R.T. -0.000 min

Lab File: BP005267.D

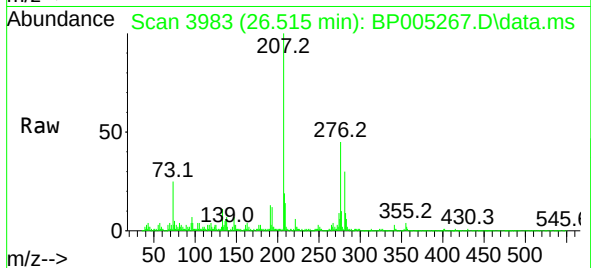
Acq: 12 Apr 2021 15:43

Instrument :

BNA_P

ClientSampleId :

AU-05-040921



Tgt Ion: 276 Resp: 34042

Ion Ratio Lower Upper

276 100

277 22.4 19.0 28.6

138 16.6 16.6 24.8

