

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041221\
 Data File : BP005268.D
 Acq On : 12 Apr 2021 16:17
 Operator : CG/JU
 Sample : M1967-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB1-C

Quant Time: Apr 12 16:57:14 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)

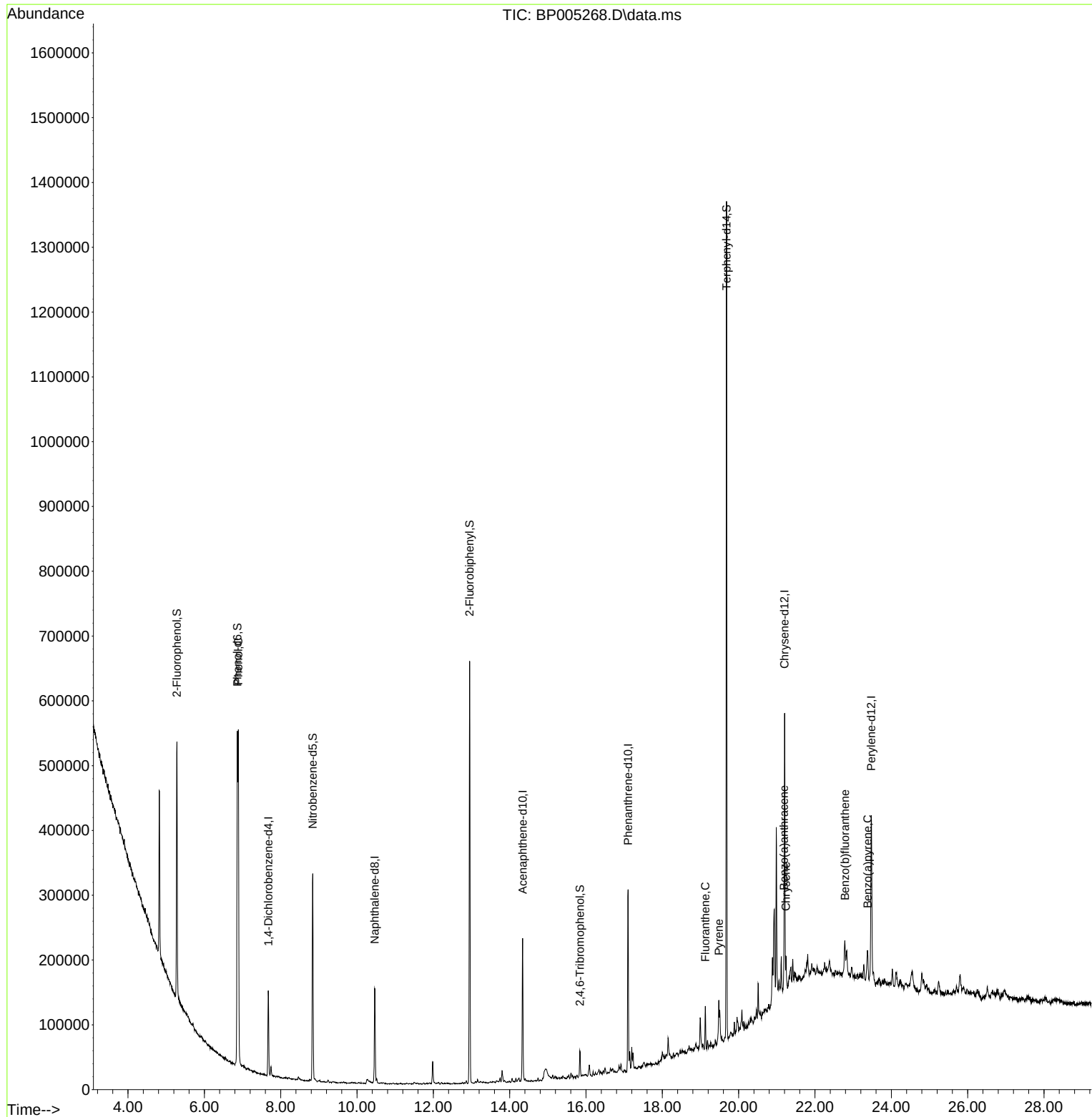
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	29080	20.00	ng	# 0.00
21) Naphthalene-d8	10.463	136	98638	20.00	ng	# 0.00
39) Acenaphthene-d10	14.339	164	58349	20.00	ng	0.00
64) Phenanthrene-d10	17.104	188	143391	20.00	ng	# 0.00
76) Chrysene-d12	21.204	240	171893	20.00	ng	0.00
86) Perylene-d12	23.474	264	175587	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	163534	59.02	ng	0.00
7) Phenol-d6	6.863	99	276874	87.57	ng	0.00
23) Nitrobenzene-d5	8.840	82	192480	61.54	ng	0.00
42) 2,4,6-Tribromophenol	15.839	330	5430	7.37	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	271259	62.76	ng	0.00
79) Terphenyl-d14	19.680	244	489308	55.92	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.893	94	258573	79.86	ng	74
75) Fluoranthene	19.127	202	32532	3.27	ng	98
78) Pyrene	19.480	202	36999	3.46	ng	97
81) Benzo(a)anthracene	21.186	228	24659	2.17	ng	97
83) Chrysene	21.239	228	23778	2.16	ng	97
88) Benzo(b)fluoranthene	22.786	252	30009	2.61	ng	# 97
90) Benzo(a)pyrene	23.380	252	26622	2.50	ng	# 98

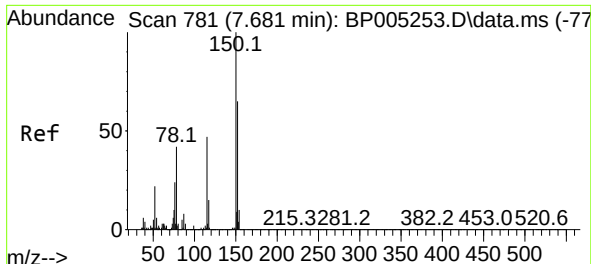
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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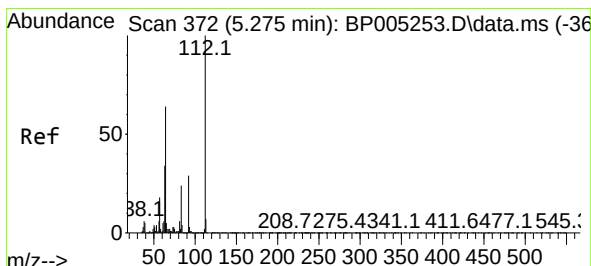
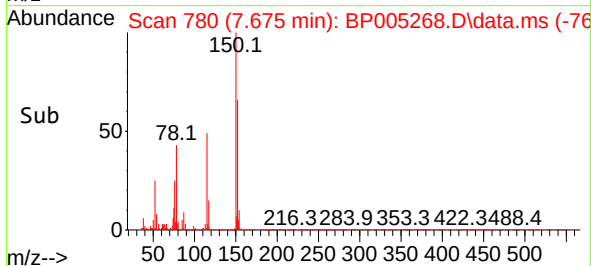
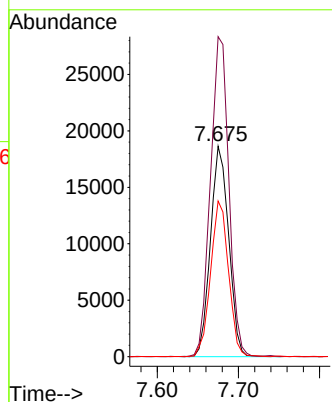
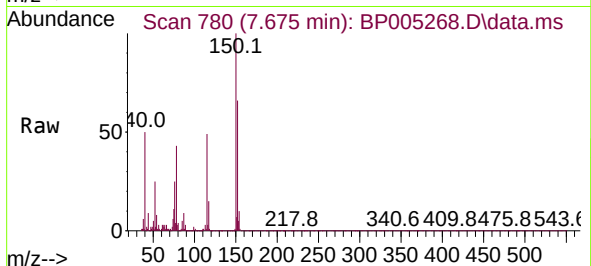




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.675 min Scan# 780
Delta R.T. -0.006 min
Lab File: BP005268.D
Acq: 12 Apr 2021 16:17

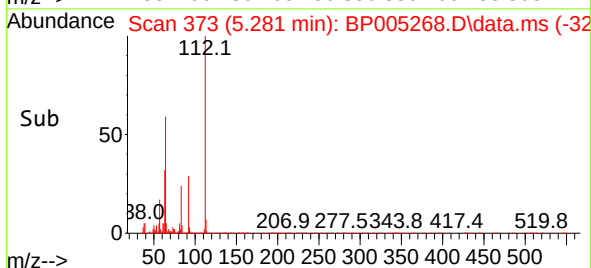
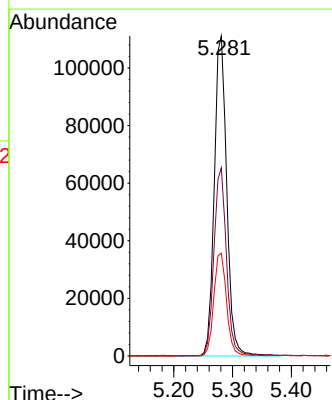
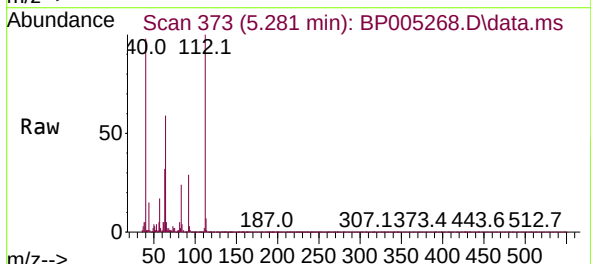
Instrument :
BNA_P
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SB1-C

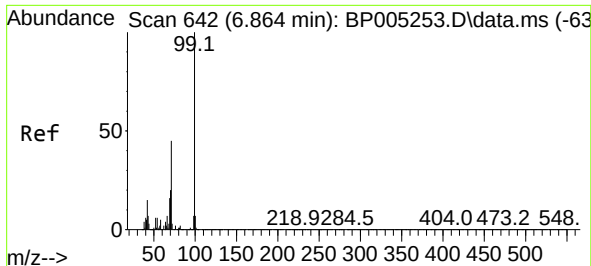
Tgt Ion:152 Resp: 29080
Ion Ratio Lower Upper
152 100
150 152.1 123.8 185.6
115 74.0 43.8 65.6#



#5
2-Fluorophenol
Concen: 59.02 ng
RT: 5.281 min Scan# 373
Delta R.T. 0.006 min
Lab File: BP005268.D
Acq: 12 Apr 2021 16:17

Tgt Ion:112 Resp: 163534
Ion Ratio Lower Upper
112 100
64 58.8 32.8 49.2#
63 32.1 17.0 25.4#

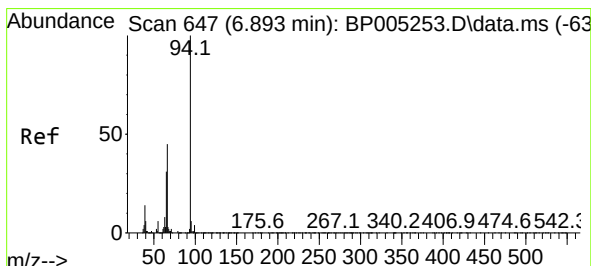
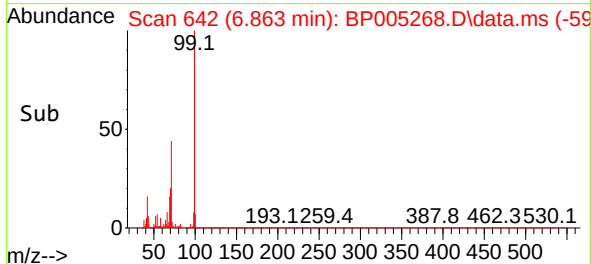
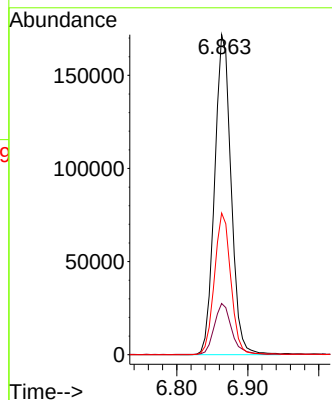
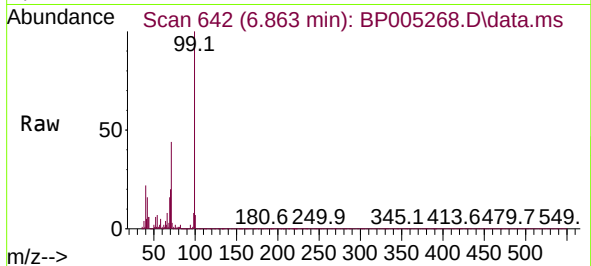




#7
Phenol-d6
Concen: 87.57 ng
RT: 6.863 min Scan# 642
Delta R.T. -0.000 min
Lab File: BP005268.D
Acq: 12 Apr 2021 16:17

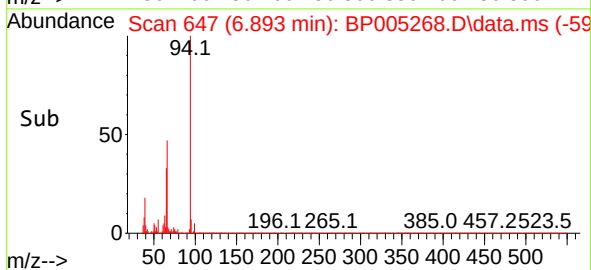
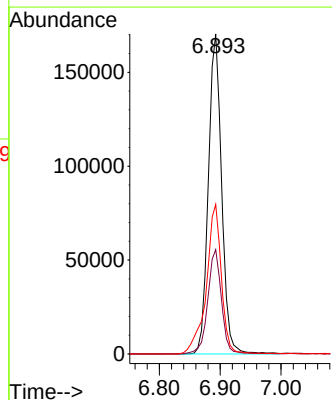
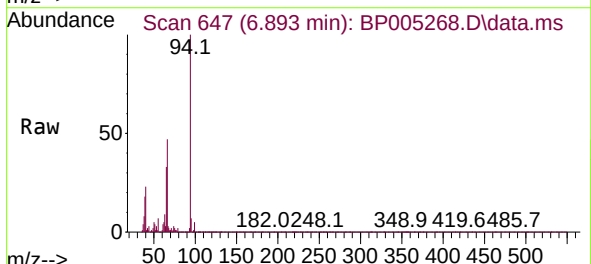
Instrument :
BNA_P
ClientSampleId :
SB1-C

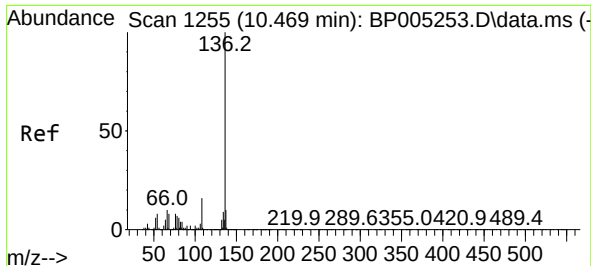
Tgt Ion: 99 Resp: 276874
Ion Ratio Lower Upper
99 100
42 16.0 8.6 13.0#
71 44.3 23.4 35.2#



#10
Phenol
Concen: 79.86 ng
RT: 6.893 min Scan# 647
Delta R.T. -0.000 min
Lab File: BP005268.D
Acq: 12 Apr 2021 16:17

Tgt Ion: 94 Resp: 258573
Ion Ratio Lower Upper
94 100
65 32.6 2.3 42.3
66 46.7 10.9 50.9

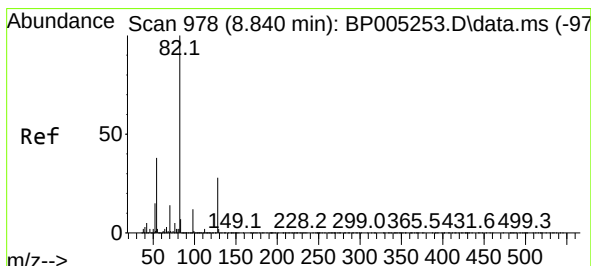
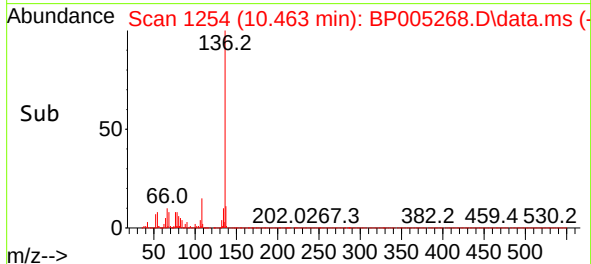
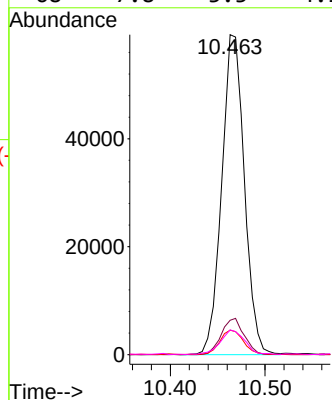
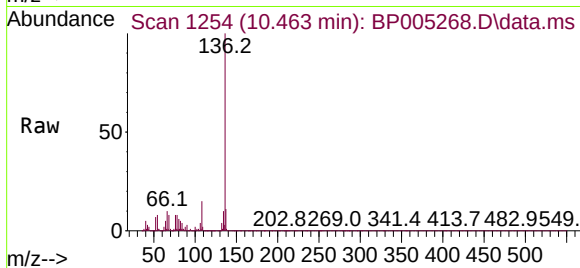




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.463 min Scan# 1254
Delta R.T. -0.006 min
Lab File: BP005268.D
Acq: 12 Apr 2021 16:17

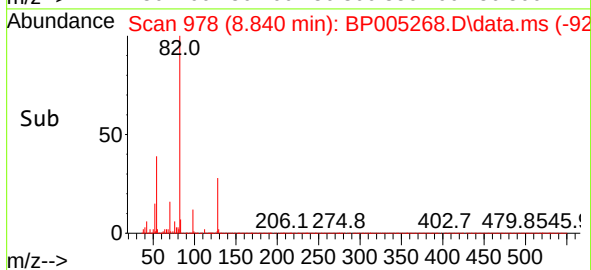
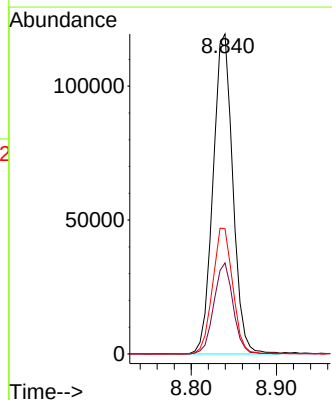
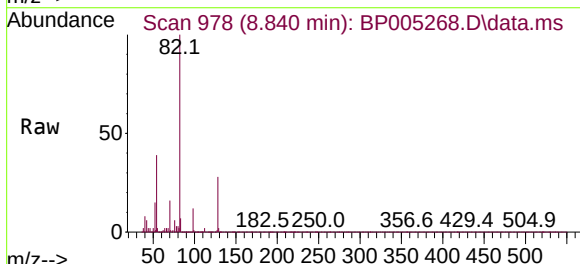
Instrument :
BNA_P
ClientSampleId :
SB1-C

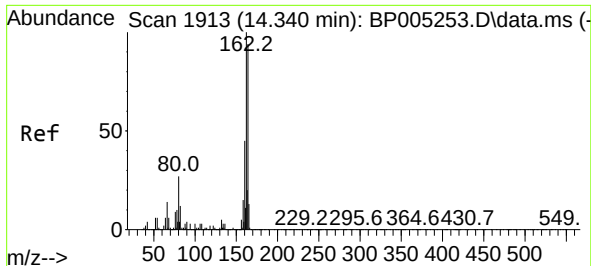
Tgt Ion:	136	Resp:	98638
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.6	13.0
54	7.7	3.6	5.4#
68	7.8	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 61.54 ng
RT: 8.840 min Scan# 978
Delta R.T. -0.000 min
Lab File: BP005268.D
Acq: 12 Apr 2021 16:17

Tgt Ion:	82	Resp:	192480
Ion Ratio	Lower	Upper	
82	100		
128	28.5	45.6	68.4#
54	39.1	30.1	45.1

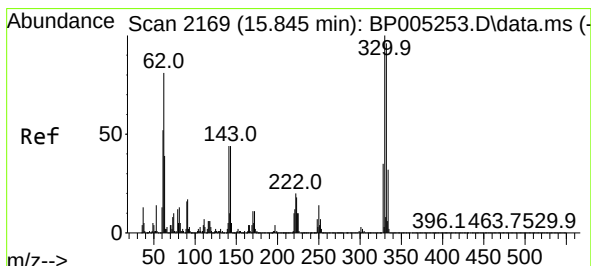
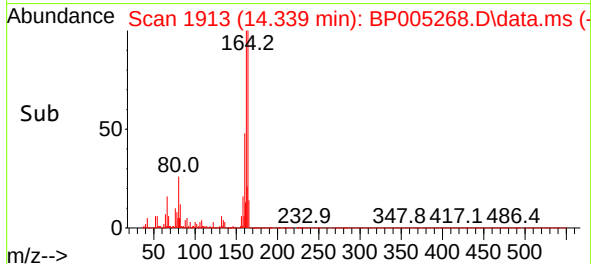
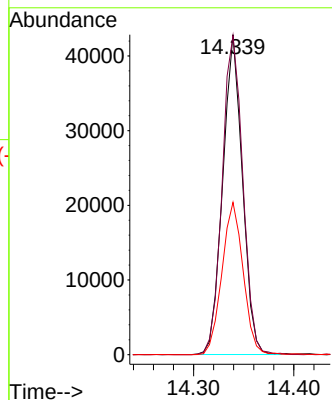
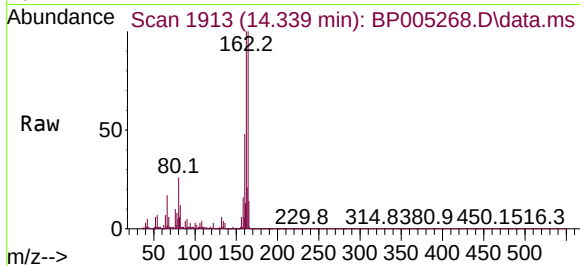




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.339 min Scan# 1913
Delta R.T. -0.001 min
Lab File: BP005268.D
Acq: 12 Apr 2021 16:17

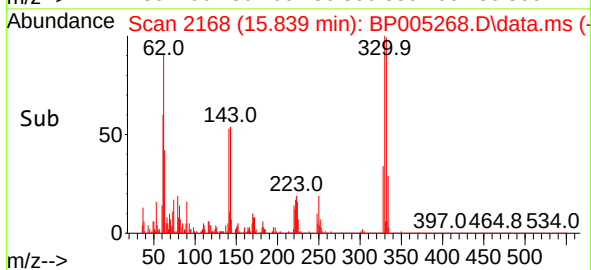
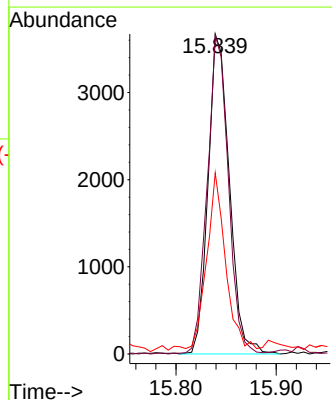
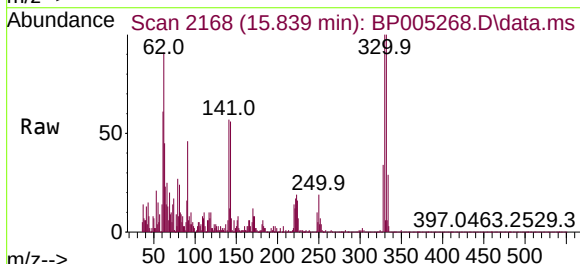
Instrument :
BNA_P
ClientSampleId :
SB1-C

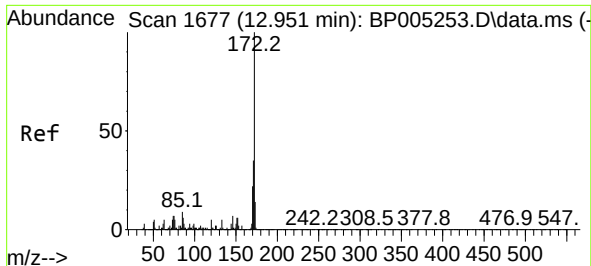
Tgt Ion:164 Resp: 58349
Ion Ratio Lower Upper
164 100
162 99.7 79.4 119.2
160 47.6 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 7.37 ng
RT: 15.839 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BP005268.D
Acq: 12 Apr 2021 16:17

Tgt Ion:330 Resp: 5430
Ion Ratio Lower Upper
330 100
332 98.7 77.1 115.7
141 47.6 23.4 35.2#

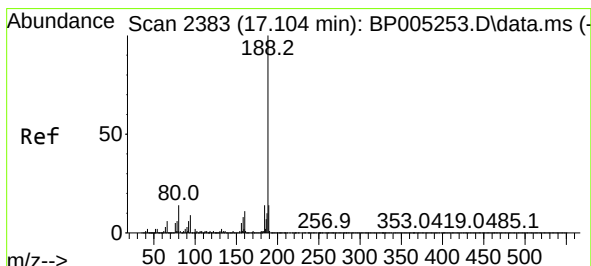
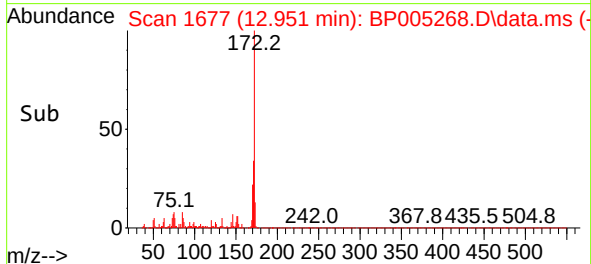
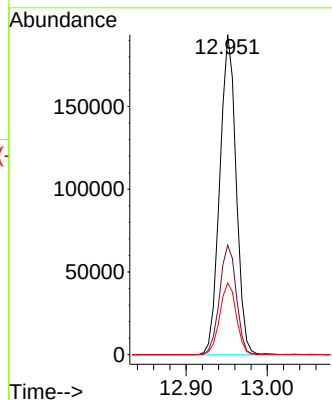
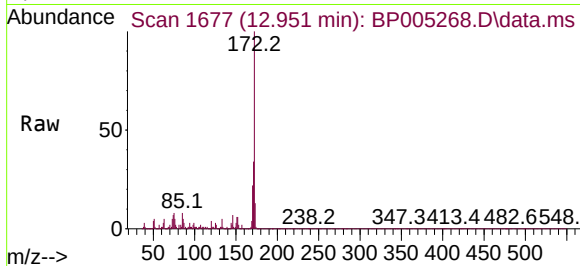




#45
2-Fluorobiphenyl
Concen: 62.76 ng
RT: 12.951 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BP005268.D
Acq: 12 Apr 2021 16:17

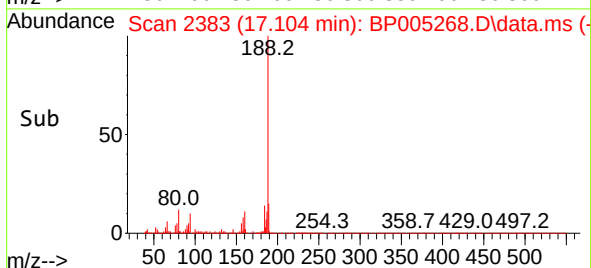
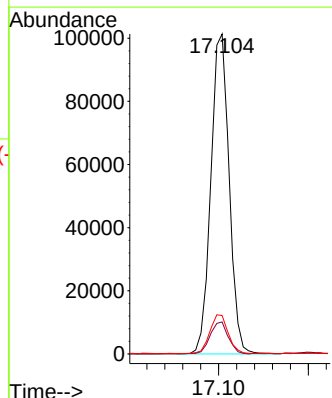
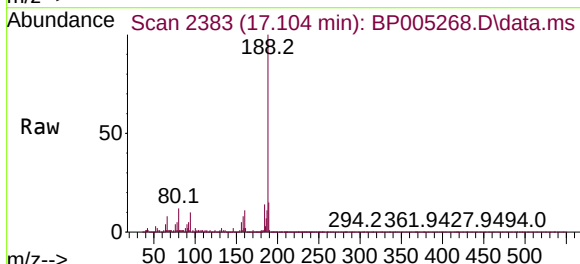
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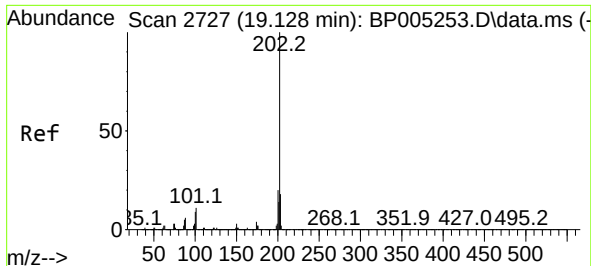
Tgt Ion:172 Resp: 271259
Ion Ratio Lower Upper
172 100
171 34.2 28.5 42.7
170 22.4 19.2 28.8



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.104 min Scan# 2383
Delta R.T. -0.000 min
Lab File: BP005268.D
Acq: 12 Apr 2021 16:17

Tgt Ion:188 Resp: 143391
Ion Ratio Lower Upper
188 100
94 10.0 6.2 9.2#
80 12.0 6.2 9.2#

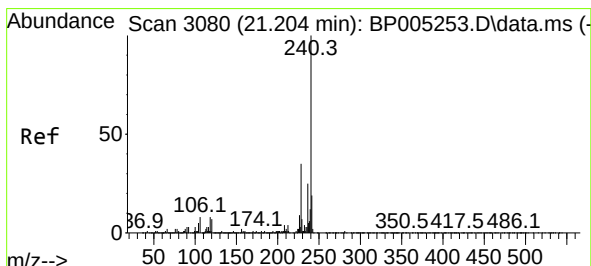
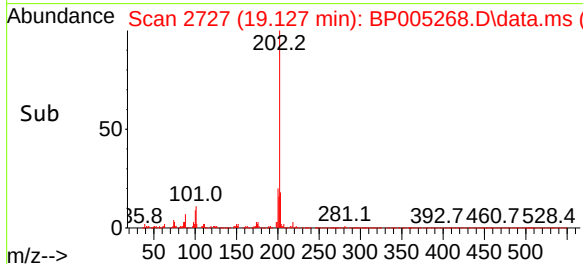
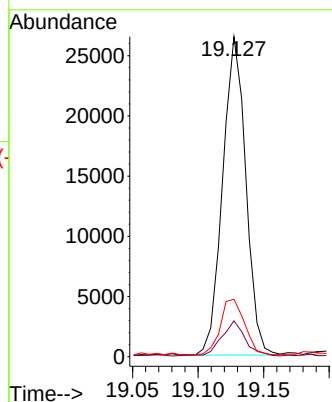
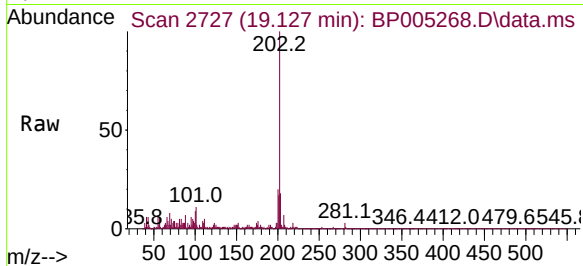




#75
Fluoranthene
Concen: 3.27 ng
RT: 19.127 min Scan# 2727
Delta R.T. -0.000 min
Lab File: BP005268.D
Acq: 12 Apr 2021 16:17

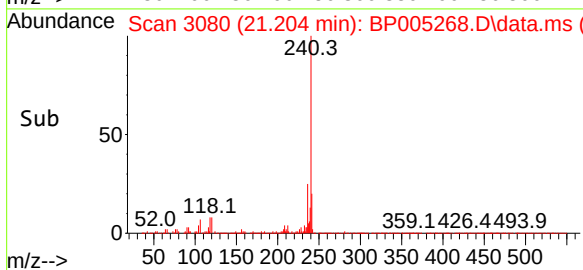
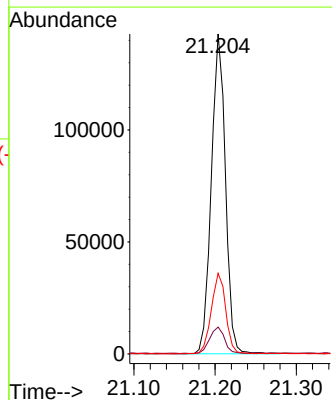
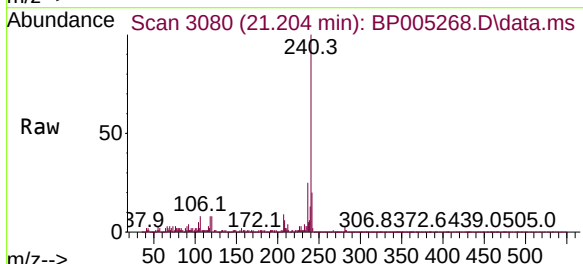
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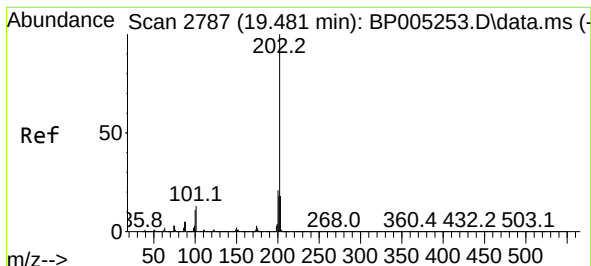
Tgt Ion:	202	Resp:	32532
Ion Ratio	Lower	Upper	
202	100		
101	11.2	0.0	29.4
203	18.0	0.0	37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.204 min Scan# 3080
Delta R.T. -0.000 min
Lab File: BP005268.D
Acq: 12 Apr 2021 16:17

Tgt Ion:	240	Resp:	171893
Ion Ratio	Lower	Upper	
240	100		
120	8.4	7.8	11.6
236	25.2	20.8	31.2





#78

Pyrene

Concen: 3.46 ng

RT: 19.480 min Scan# 2787

Delta R.T. -0.000 min

Lab File: BP005268.D

Acq: 12 Apr 2021 16:17

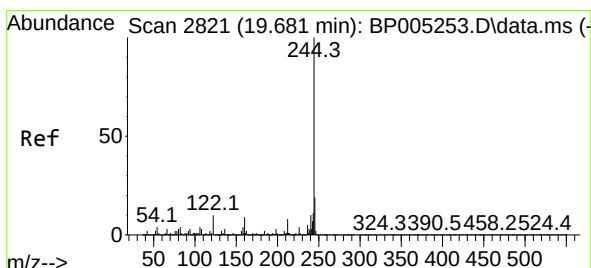
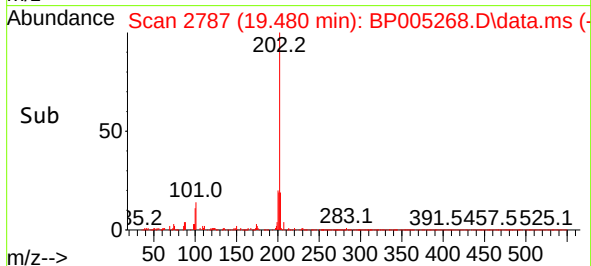
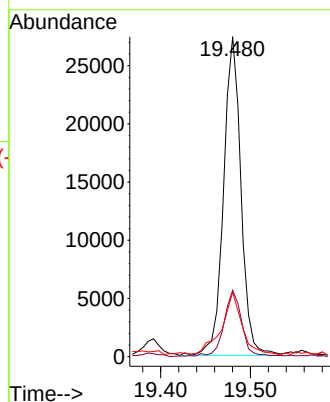
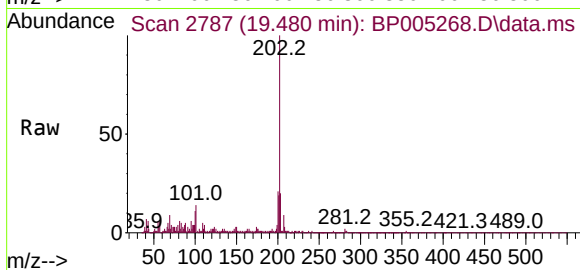
Tgt Ion:	202	Resp:	36999
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.1	25.7
203	20.1	14.2	21.2

Instrument :

BNA_P

ClientSampleId :

SB1-C



#79

Terphenyl-d14

Concen: 55.92 ng

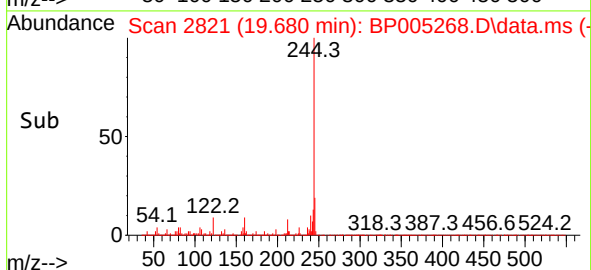
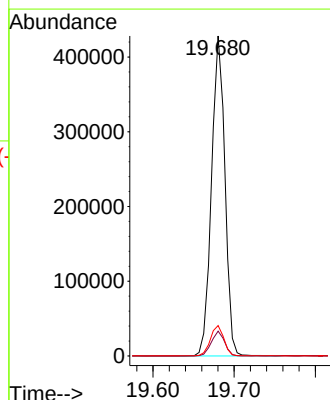
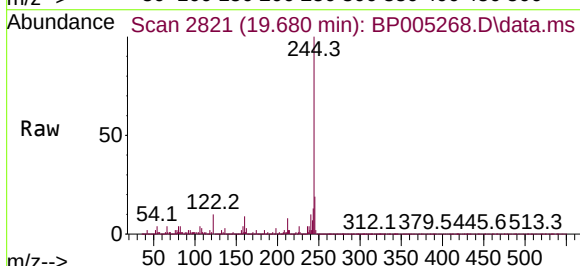
RT: 19.680 min Scan# 2821

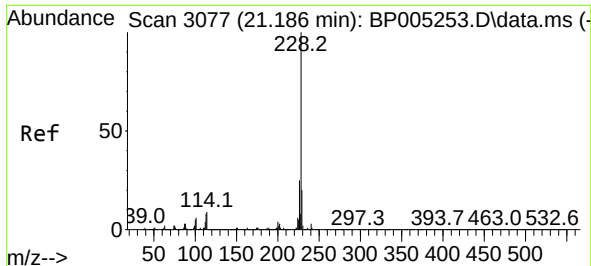
Delta R.T. -0.000 min

Lab File: BP005268.D

Acq: 12 Apr 2021 16:17

Tgt Ion:	244	Resp:	489308
Ion Ratio	Lower	Upper	
244	100		
212	7.8	5.8	8.6
122	9.5	7.8	11.8

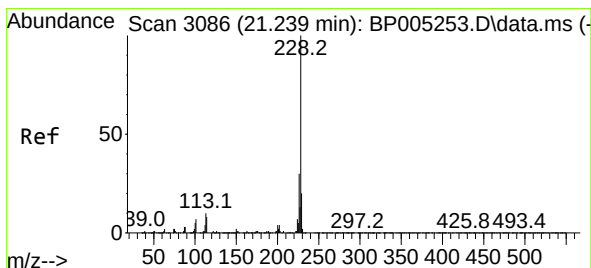
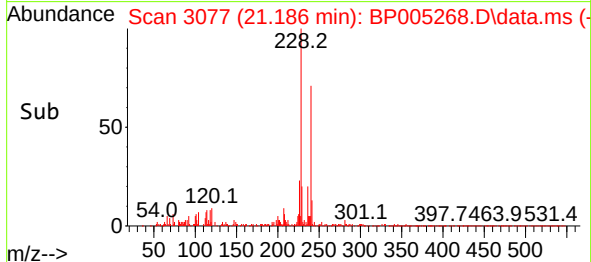
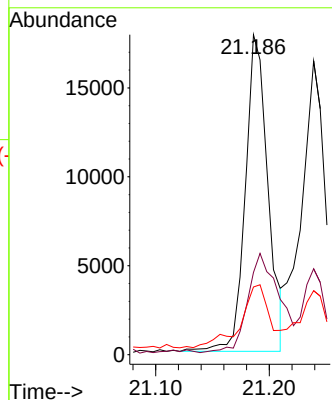
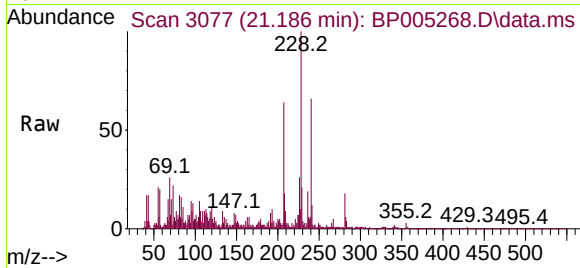




#81
Benzo(a)anthracene
Concen: 2.17 ng
RT: 21.186 min Scan# 3077
Delta R.T. -0.000 min
Lab File: BP005268.D
Acq: 12 Apr 2021 16:17

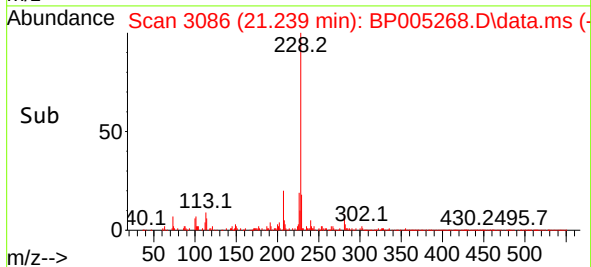
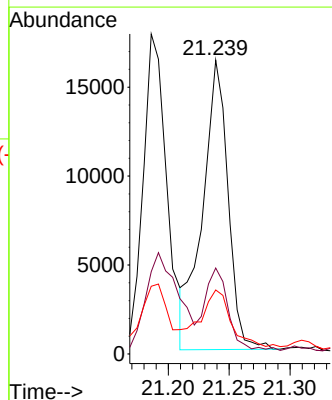
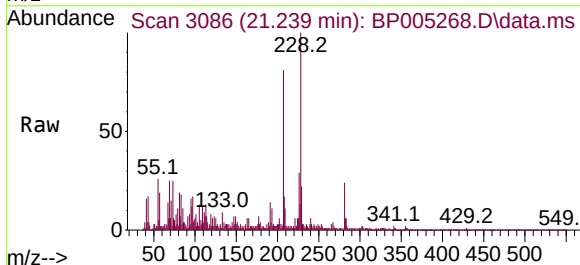
Instrument :
BNA_P
ClientSampled :
SB1-C

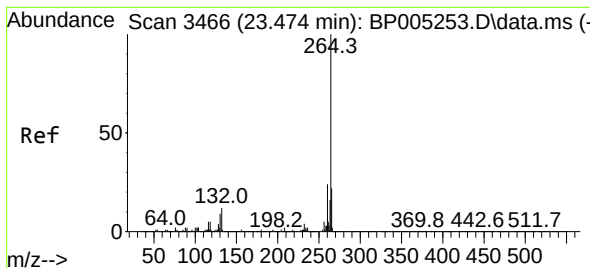
Tgt Ion:228	Resp:	24659
Ion Ratio	Lower	Upper
228	100	
226	25.7	22.1 33.1
229	21.1	15.9 23.9



#83
Chrysene
Concen: 2.16 ng
RT: 21.239 min Scan# 3086
Delta R.T. -0.000 min
Lab File: BP005268.D
Acq: 12 Apr 2021 16:17

Tgt Ion:228	Resp:	23778
Ion Ratio	Lower	Upper
228	100	
226	29.3	24.4 36.6
229	21.8	15.8 23.6





#86

Perylene-d12

Concen: 20.00 ng

RT: 23.474 min Scan# 3466

Delta R.T. -0.000 min

Lab File: BP005268.D

Acq: 12 Apr 2021 16:17

Instrument :

BNA_P

ClientSampled :

SB1-C

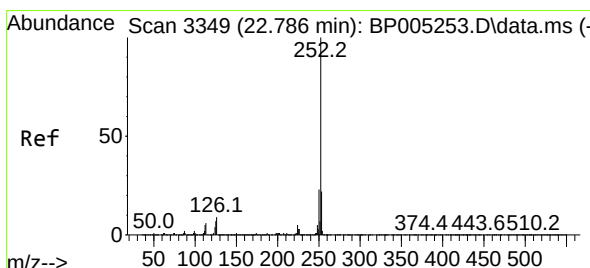
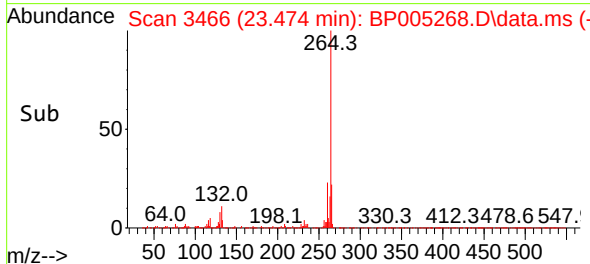
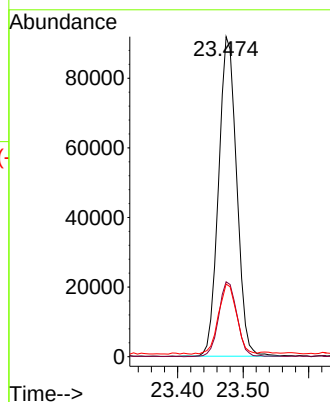
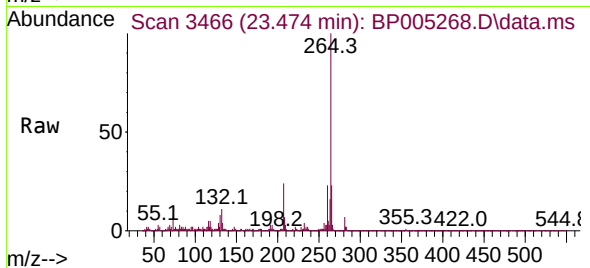
Tgt Ion:264 Resp: 175587

Ion Ratio Lower Upper

264 100

260 23.4 18.8 28.2

265 22.7 17.4 26.2



#88

Benzo(b)fluoranthene

Concen: 2.61 ng

RT: 22.786 min Scan# 3349

Delta R.T. -0.000 min

Lab File: BP005268.D

Acq: 12 Apr 2021 16:17

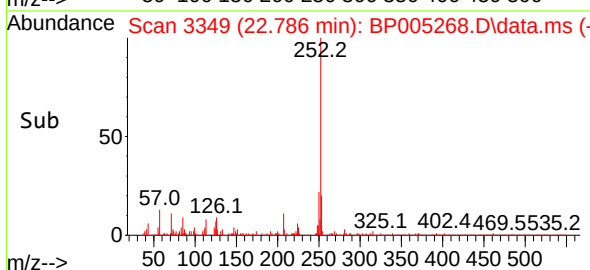
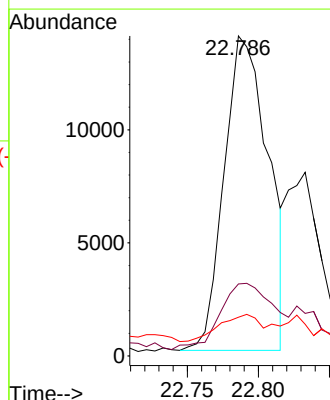
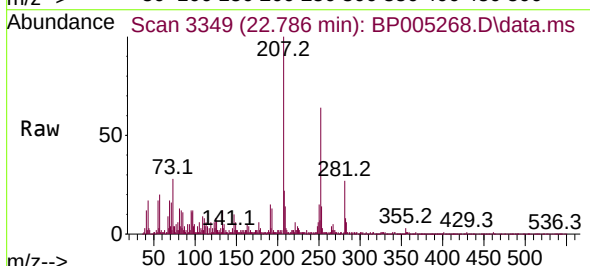
Tgt Ion:252 Resp: 30009

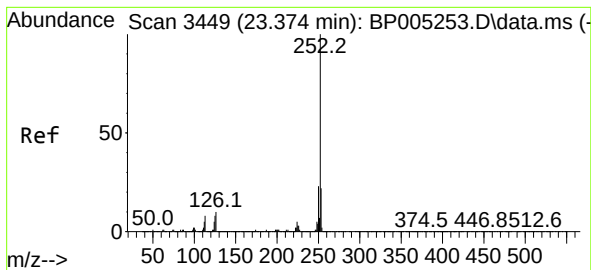
Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

125 12.1 7.3 10.9#





#90

Benzo(a)pyrene

Concen: 2.50 ng

RT: 23.380 min Scan# 3450

Delta R.T. 0.006 min

Lab File: BP005268.D

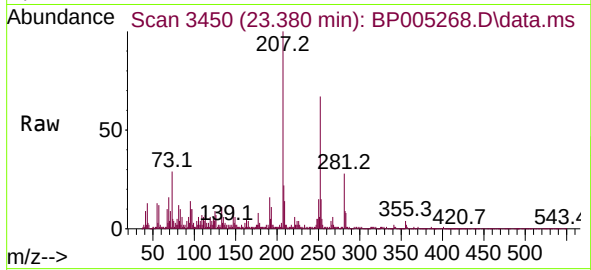
Acq: 12 Apr 2021 16:17

Instrument :

BNA_P

ClientSampleId :

SB1-C



Tgt Ion:252	Resp:	26622
Ion Ratio	Lower	Upper
252	100	
253	21.7	17.4 26.0
125	12.8	8.2 12.4#

