

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062221\
 Data File : BP006023.D
 Acq On : 23 Jun 2021 01:20
 Operator : CG/JU
 Sample : M2772-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-2

Quant Time: Jun 23 04:24:59 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 22 17:52:38 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

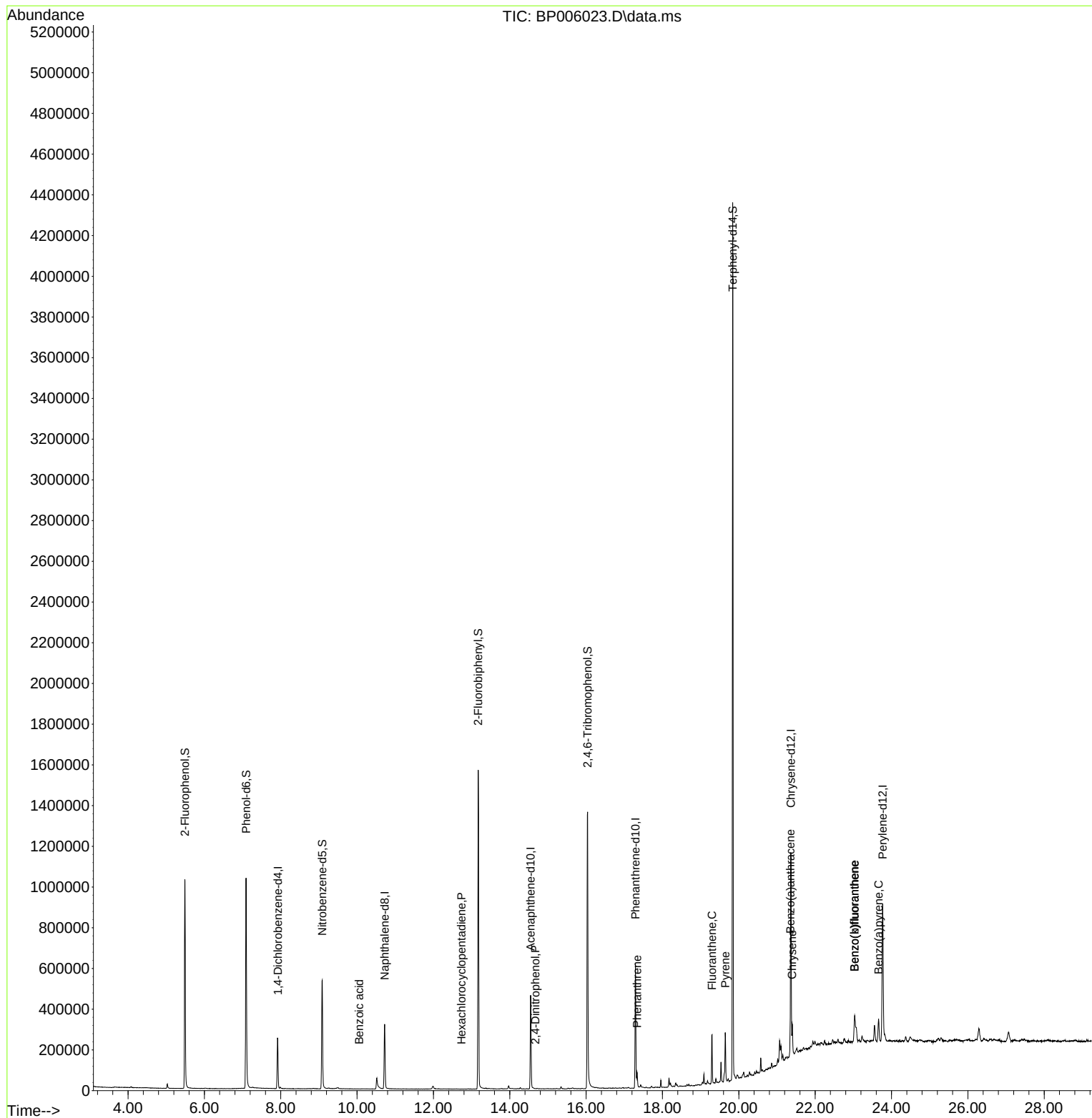
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	71576	20.00	ng	0.00
21) Naphthalene-d8	10.722	136	276252	20.00	ng	0.00
39) Acenaphthene-d10	14.546	164	172245	20.00	ng	0.00
64) Phenanthrene-d10	17.292	188	363805	20.00	ng	0.00
76) Chrysene-d12	21.363	240	468388	20.00	ng	0.00
86) Perylene-d12	23.769	264	527365	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	487942	109.39	ng	0.00
7) Phenol-d6	7.093	99	641332	110.93	ng	0.00
23) Nitrobenzene-d5	9.087	82	341411	60.59	ng	0.00
42) 2,4,6-Tribromophenol	16.040	330	325047	109.97	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	826150	62.98	ng	0.00
79) Terphenyl-d14	19.839	244	1955380	78.17	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.057	122	15	6.32	ng	# 26
41) Hexachlorocyclopentadiene	12.734	237	19	5.51	ng	93
54) 2,4-Dinitrophenol	14.669	184	19	4.86	ng	# 63
71) Phenanthrene	17.334	178	44756	2.05	ng	99
75) Fluoranthene	19.298	202	146336	5.52	ng	98
78) Pyrene	19.645	202	144669	4.42	ng	99
81) Benzo(a)anthracene	21.351	228	79660	2.36	ng	98
83) Chrysene	21.398	228	83906	2.56	ng	97
88) Benzo(b)fluoranthene	23.033	252	129931	3.60	ng	97
89) Benzo(k)fluoranthene	23.033	252	129931	3.71	ng	97
90) Benzo(a)pyrene	23.663	252	84102	2.48	ng	# 98

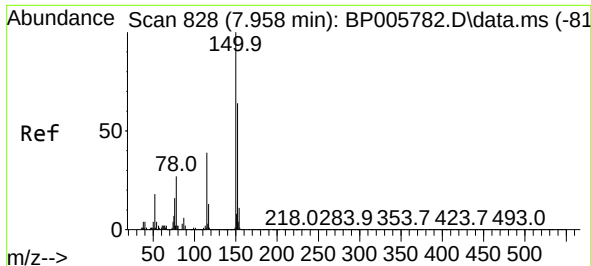
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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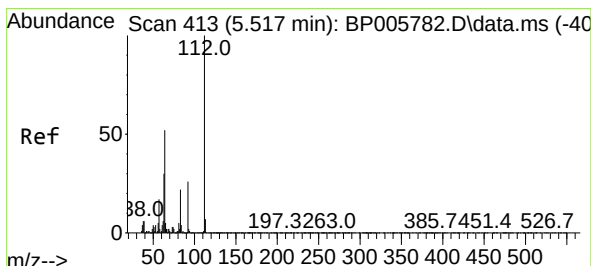
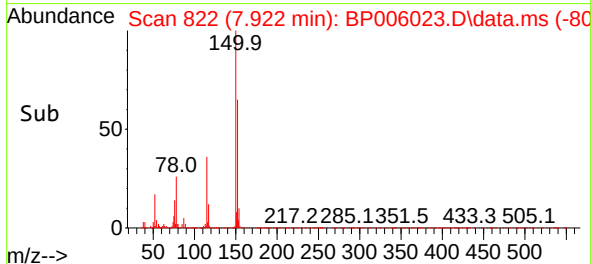
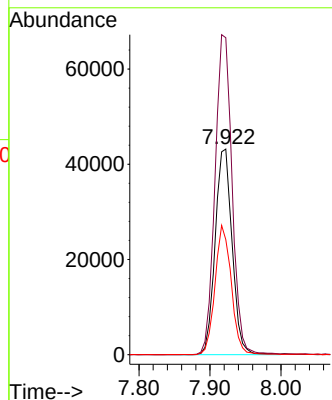
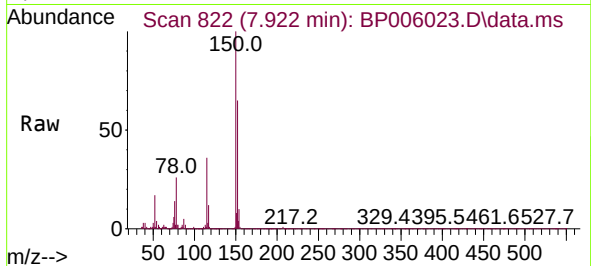




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.922 min Scan# 822
Delta R.T. 0.000 min
Lab File: BP006023.D
Acq: 23 Jun 2021 01:20

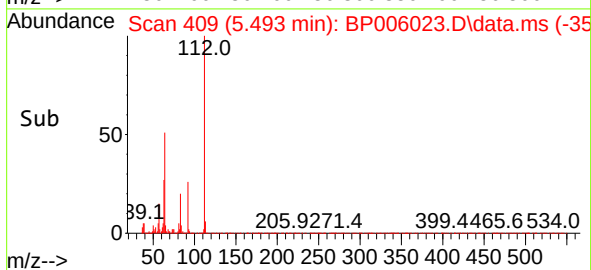
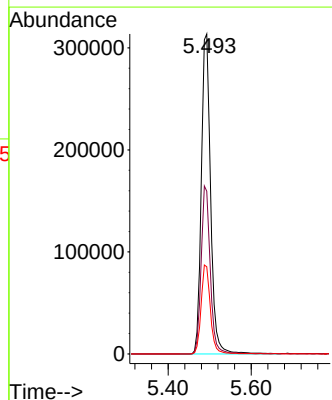
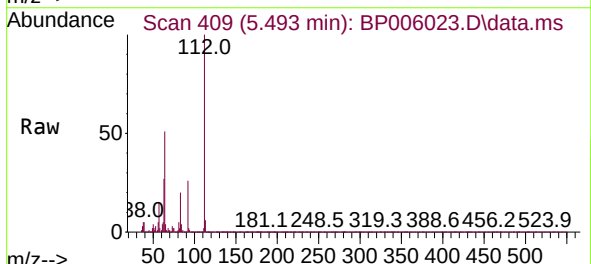
Instrument :
BNA_P
ClientSampleId :
SB-2

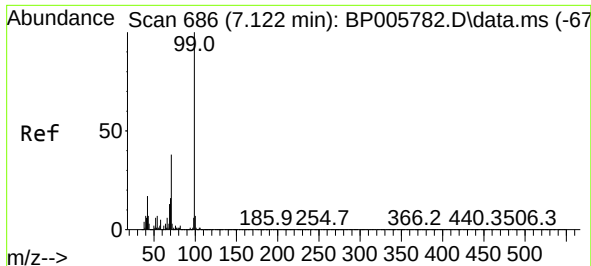
Tgt Ion:152 Resp: 71576
Ion Ratio Lower Upper
152 100
150 154.1 125.6 188.4
115 56.0 48.5 72.7



#5
2-Fluorophenol
Concen: 109.39 ng
RT: 5.493 min Scan# 409
Delta R.T. 0.006 min
Lab File: BP006023.D
Acq: 23 Jun 2021 01:20

Tgt Ion:112 Resp: 487942
Ion Ratio Lower Upper
112 100
64 50.9 41.4 62.2
63 27.2 23.8 35.8

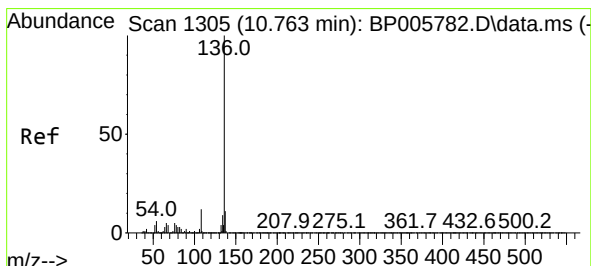
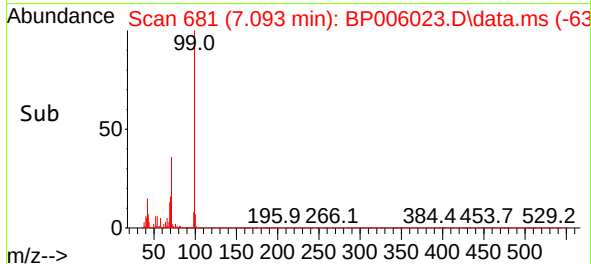
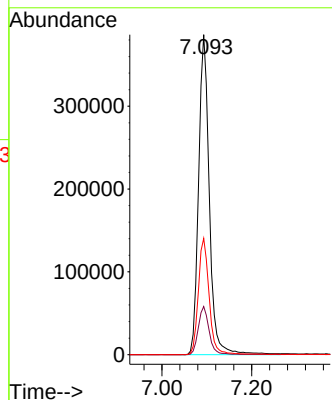
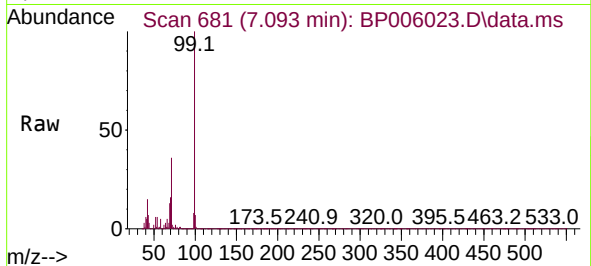




#7
Phenol-d6
Concen: 110.93 ng
RT: 7.093 min Scan# 681
Delta R.T. -0.000 min
Lab File: BP006023.D
Acq: 23 Jun 2021 01:20

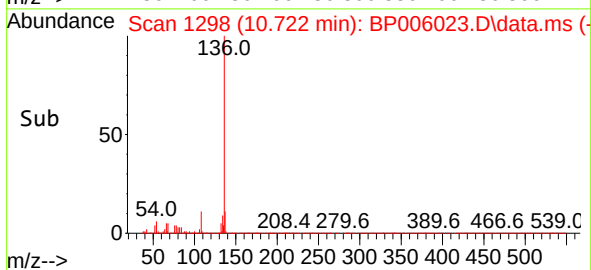
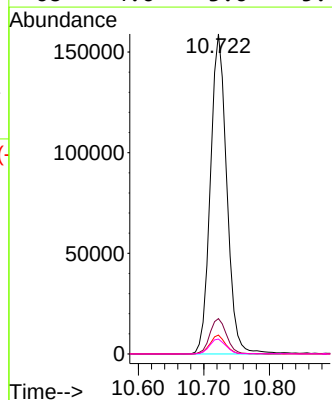
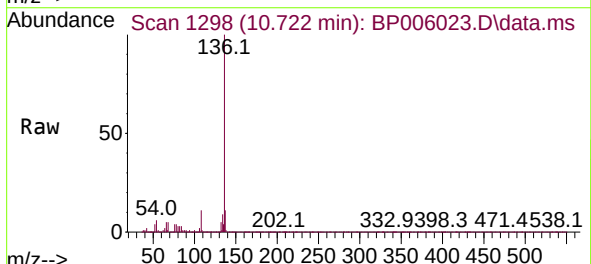
Instrument :
BNA_P
ClientSampleId :
SB-2

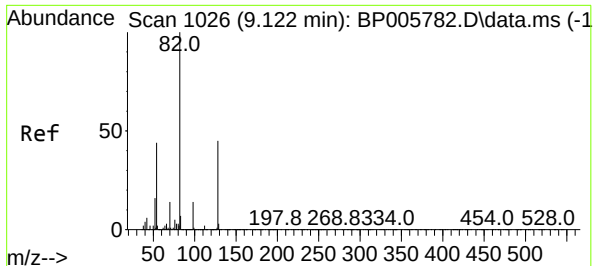
Tgt Ion: 99 Resp: 641332
Ion Ratio Lower Upper
99 100
42 15.0 13.4 20.0
71 36.3 30.6 46.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.722 min Scan# 1298
Delta R.T. -0.000 min
Lab File: BP006023.D
Acq: 23 Jun 2021 01:20

Tgt Ion: 136 Resp: 276252
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 5.9 4.6 6.8
68 4.6 3.6 5.4

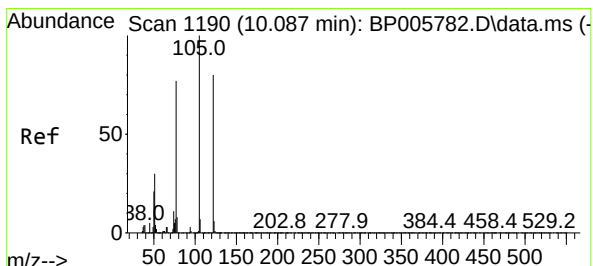
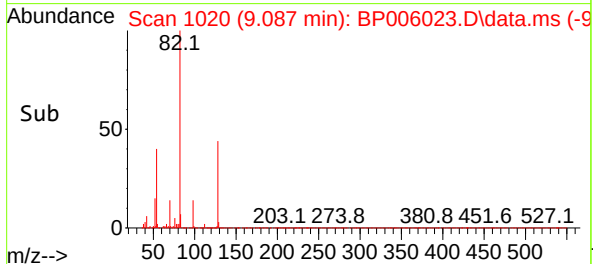
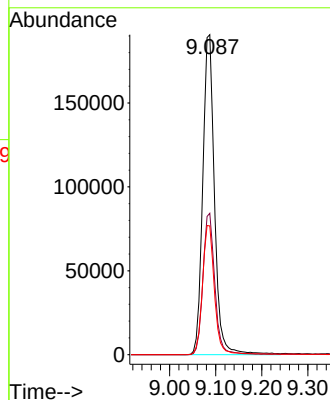
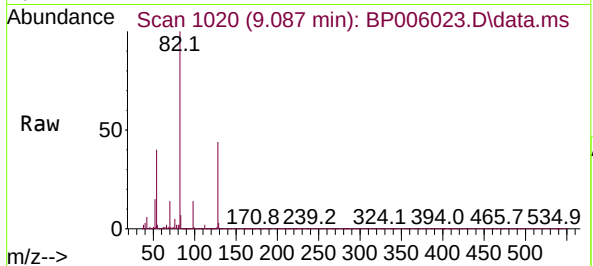




#23
Nitrobenzene-d5
Concen: 60.59 ng
RT: 9.087 min Scan# 1020
Delta R.T. -0.000 min
Lab File: BP006023.D
Acq: 23 Jun 2021 01:20

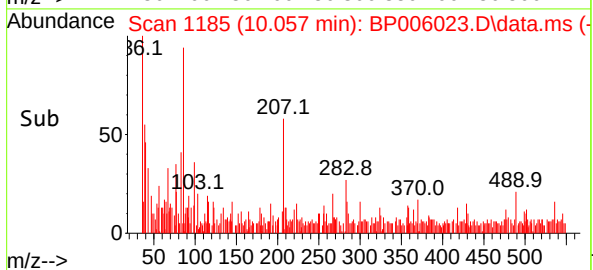
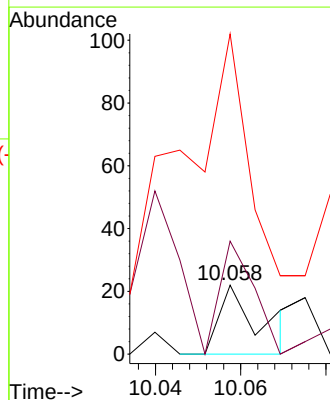
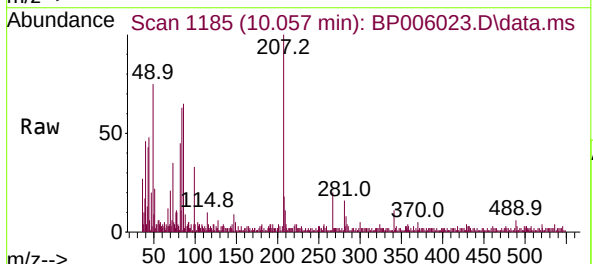
Instrument :
BNA_P
ClientSampleId :
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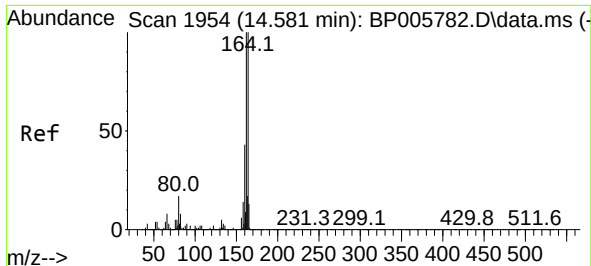
Tgt Ion: 82 Resp: 341411
Ion Ratio Lower Upper
82 100
128 44.2 35.7 53.5
54 40.2 35.0 52.4



#32
Benzoic acid
Concen: 6.32 ng
RT: 10.057 min Scan# 1185
Delta R.T. -0.018 min
Lab File: BP006023.D
Acq: 23 Jun 2021 01:20

Tgt Ion: 122 Resp: 15
Ion Ratio Lower Upper
122 100
105 117.5 103.2 143.2
77 255.0 76.2 116.2#

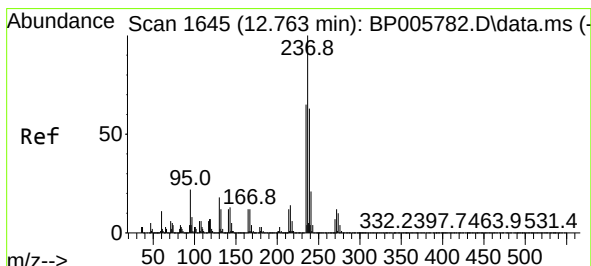
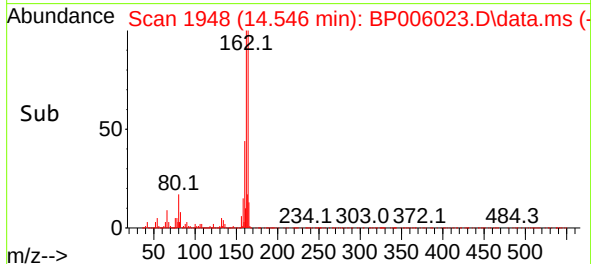
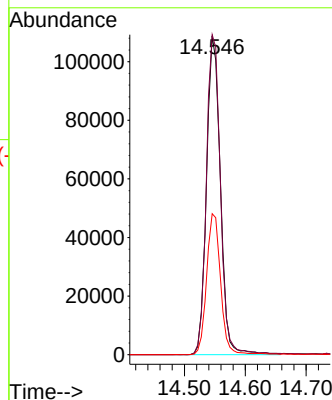
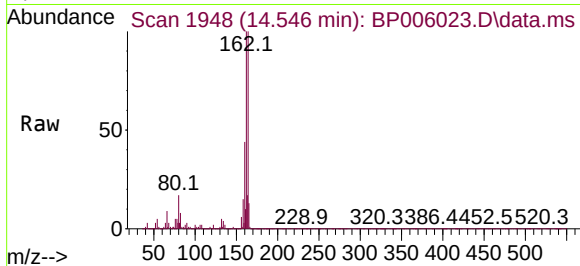




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.546 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BP006023.D
Acq: 23 Jun 2021 01:20

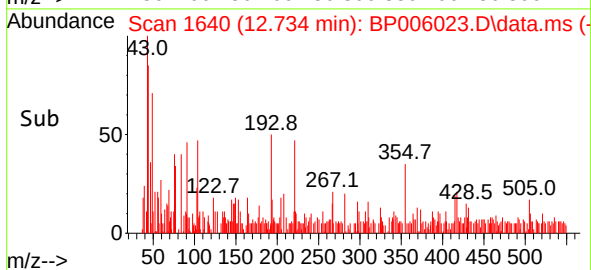
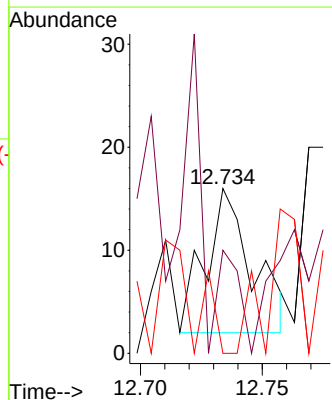
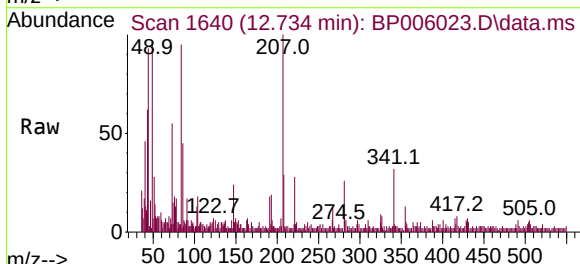
Instrument :
BNA_P
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SB-2

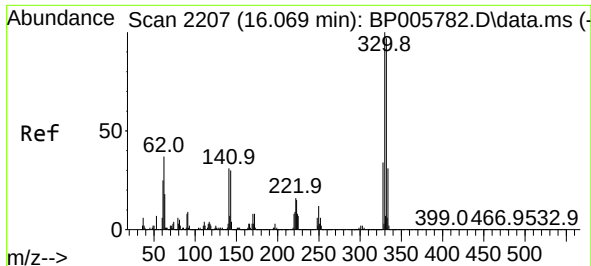
Tgt Ion:164 Resp: 172245
Ion Ratio Lower Upper
164 100
162 100.4 80.2 120.2
160 44.2 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 5.51 ng
RT: 12.734 min Scan# 1640
Delta R.T. 0.006 min
Lab File: BP006023.D
Acq: 23 Jun 2021 01:20

Tgt Ion:237 Resp: 19
Ion Ratio Lower Upper
237 100
235 62.5 44.5 84.5
272 0.0 0.0 32.5

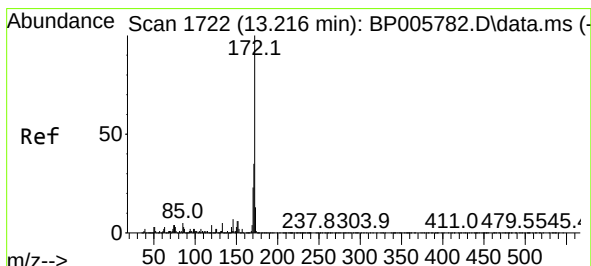
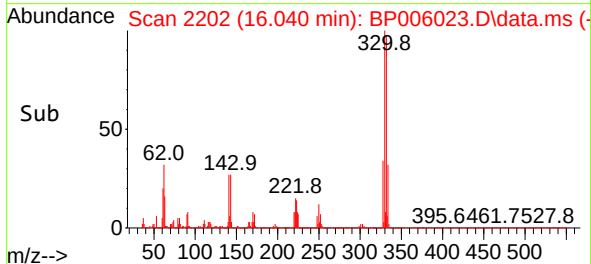
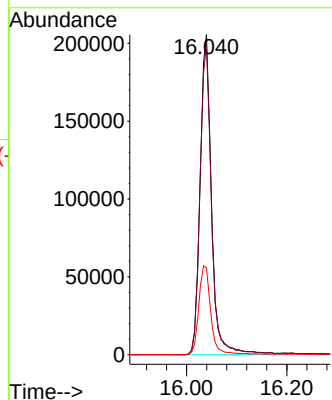
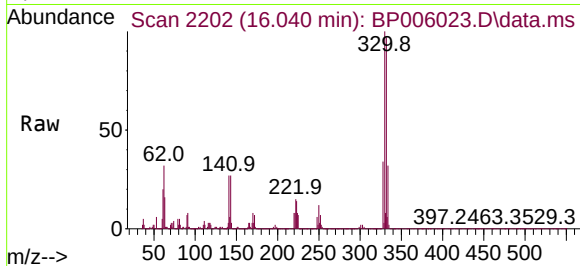




#42
2,4,6-Tribromophenol
Concen: 109.97 ng
RT: 16.040 min Scan# 2202
Delta R.T. -0.000 min
Lab File: BP006023.D
Acq: 23 Jun 2021 01:20

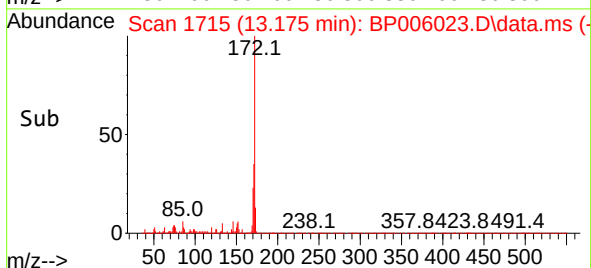
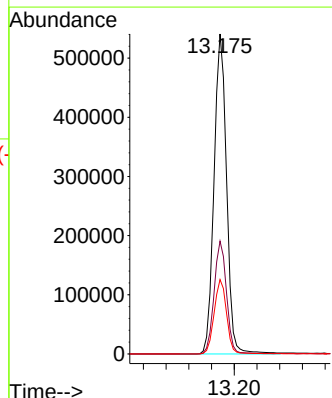
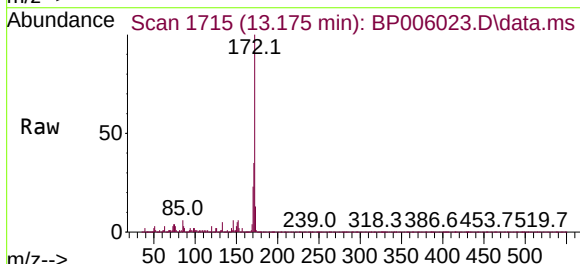
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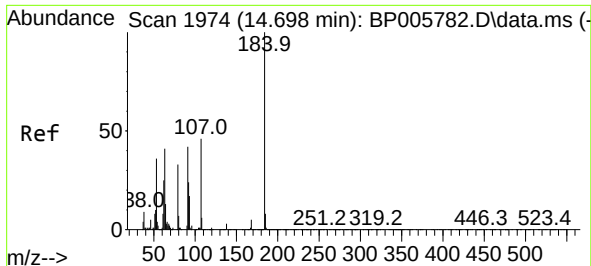
Tgt Ion:330 Resp: 325047
Ion Ratio Lower Upper
330 100
332 97.2 77.8 116.8
141 29.4 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 62.98 ng
RT: 13.175 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BP006023.D
Acq: 23 Jun 2021 01:20

Tgt Ion:172 Resp: 826150
Ion Ratio Lower Upper
172 100
171 35.3 27.9 41.9
170 23.3 18.6 27.8

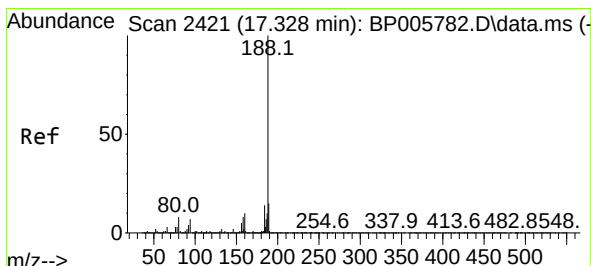
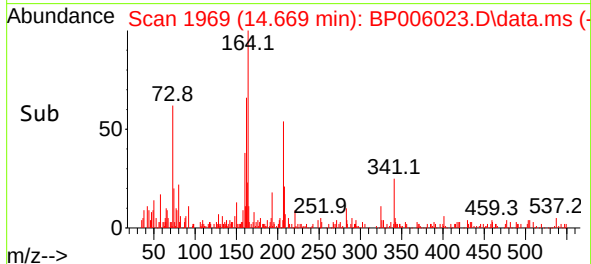
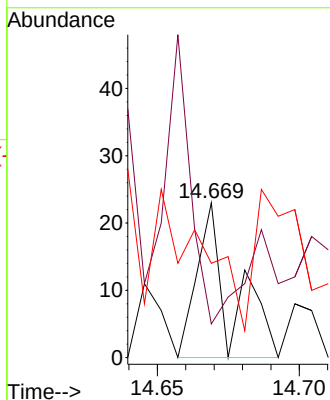
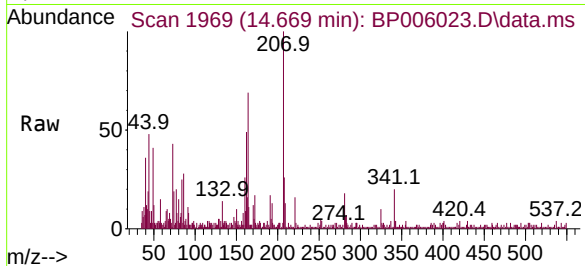




#54
2,4-Dinitrophenol
Concen: 4.86 ng
RT: 14.669 min Scan# 1969
Delta R.T. -0.006 min
Lab File: BP006023.D
Acq: 23 Jun 2021 01:20

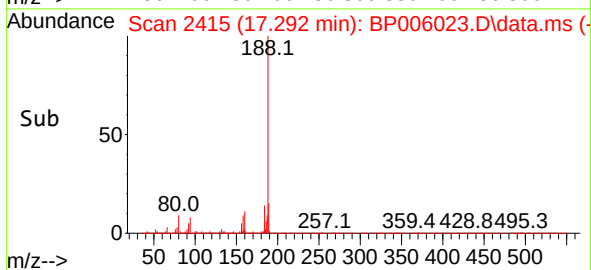
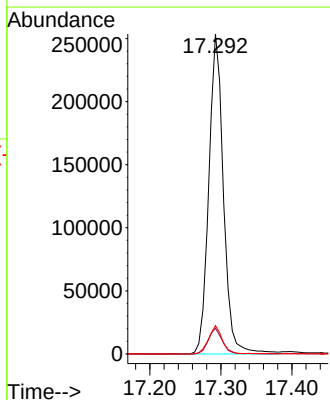
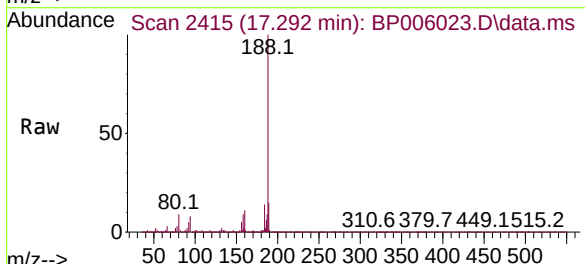
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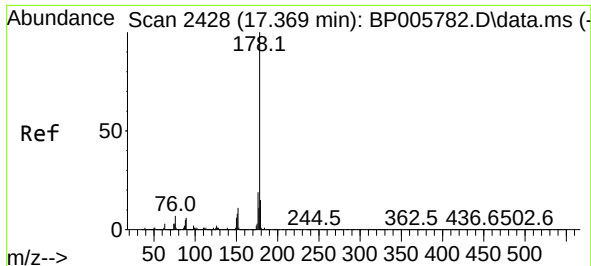
Tgt Ion:184 Resp: 19
Ion Ratio Lower Upper
184 100
63 113.0 47.0 70.6#
154 60.9 52.3 78.5



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.292 min Scan# 2415
Delta R.T. -0.000 min
Lab File: BP006023.D
Acq: 23 Jun 2021 01:20

Tgt Ion:188 Resp: 363805
Ion Ratio Lower Upper
188 100
94 8.1 5.6 8.4
80 8.9 6.3 9.5

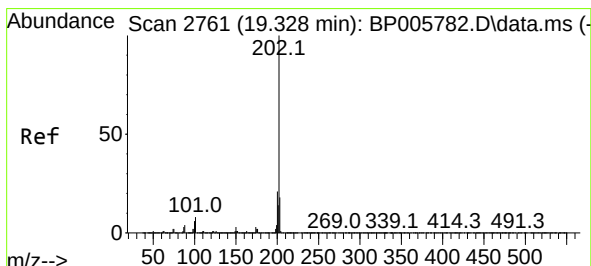
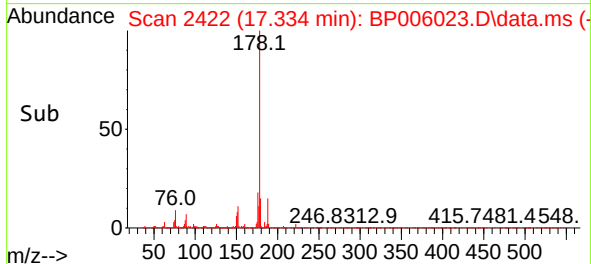
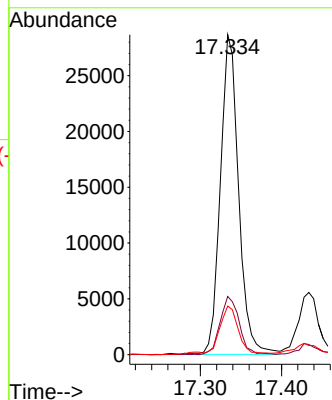
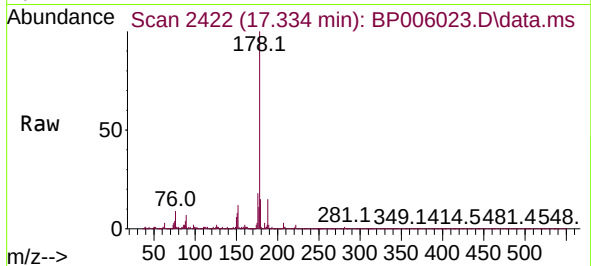




#71
Phenanthrene
Concen: 2.05 ng
RT: 17.334 min Scan# 2422
Delta R.T. -0.006 min
Lab File: BP006023.D
Acq: 23 Jun 2021 01:20

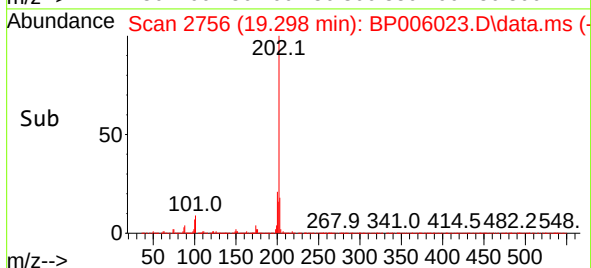
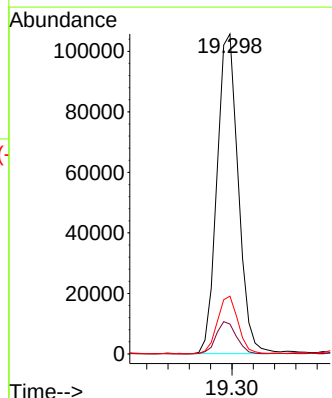
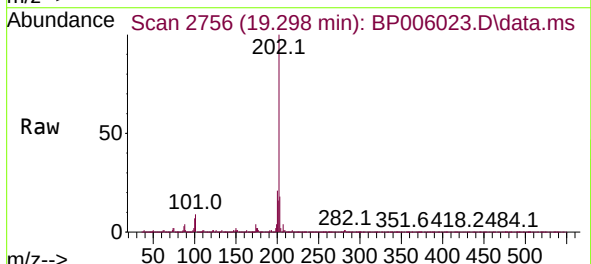
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ClientSampleId :
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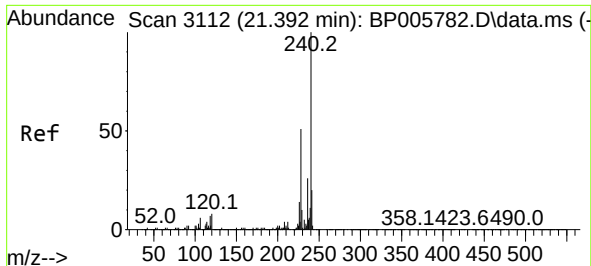
Tgt Ion:178	Resp:	44756
Ion Ratio	Lower	Upper
178	100	
176	18.2	15.1 22.7
179	15.2	12.4 18.6



#75
Fluoranthene
Concen: 5.52 ng
RT: 19.298 min Scan# 2756
Delta R.T. -0.000 min
Lab File: BP006023.D
Acq: 23 Jun 2021 01:20

Tgt Ion:202	Resp:	146336
Ion Ratio	Lower	Upper
202	100	
101	9.4	0.0 27.6
203	18.1	0.0 37.8

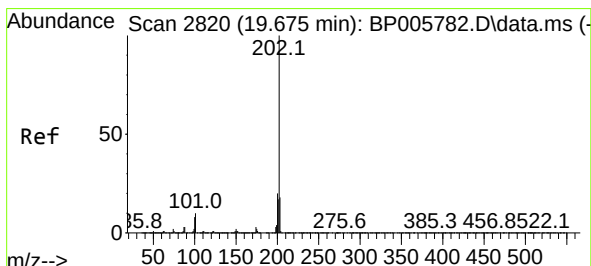
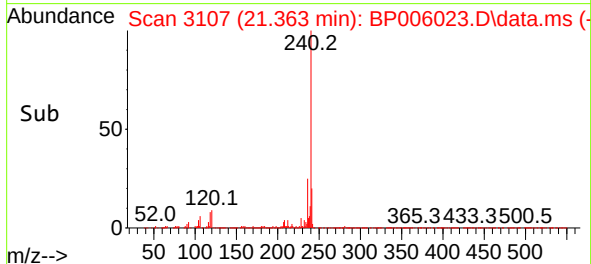
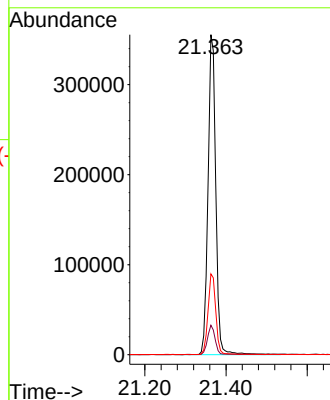
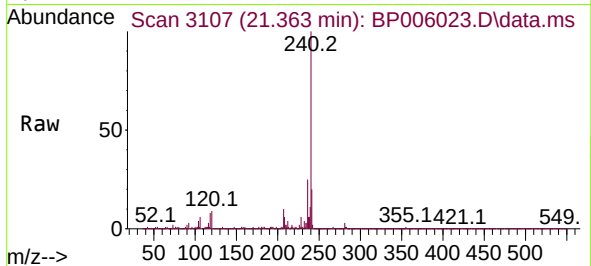




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.363 min Scan# 3107
Delta R.T. -0.006 min
Lab File: BP006023.D
Acq: 23 Jun 2021 01:20

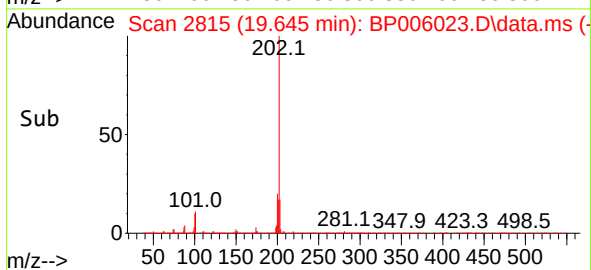
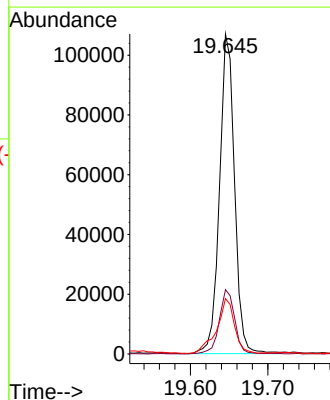
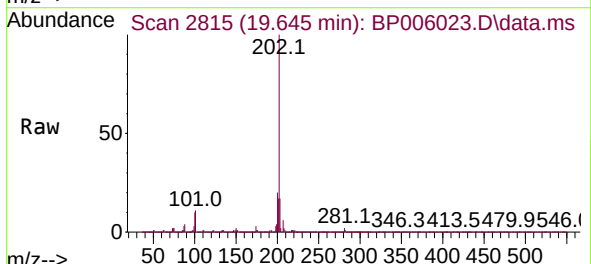
Instrument :
BNA_P
ClientSampleId :
SB-2

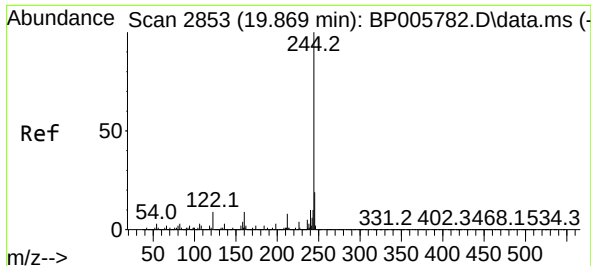
Tgt Ion:240 Resp: 468388
Ion Ratio Lower Upper
240 100
120 9.2 6.5 9.7
236 25.3 20.6 31.0



#78
Pyrene
Concen: 4.42 ng
RT: 19.645 min Scan# 2815
Delta R.T. -0.006 min
Lab File: BP006023.D
Acq: 23 Jun 2021 01:20

Tgt Ion:202 Resp: 144669
Ion Ratio Lower Upper
202 100
200 20.1 16.3 24.5
203 17.3 14.2 21.2

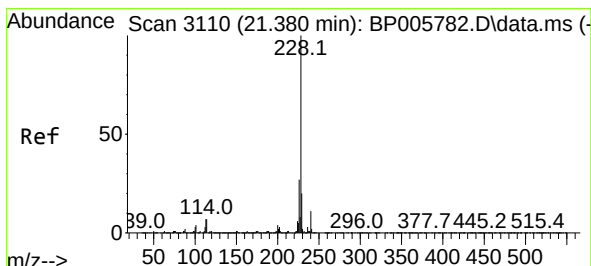
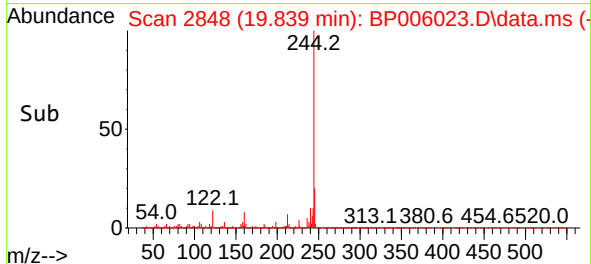
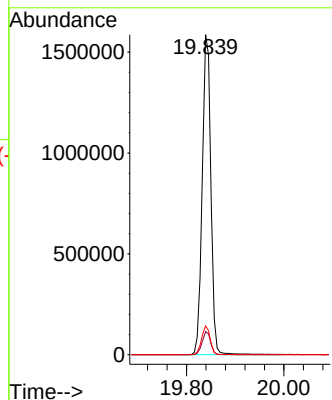
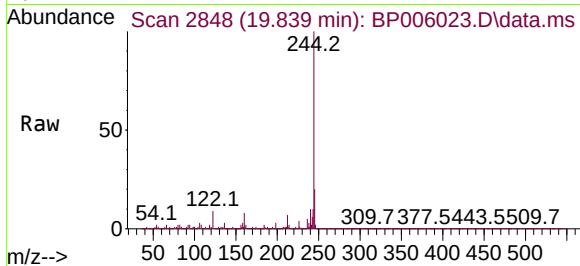




#79
 Terphenyl-d14
 Concen: 78.17 ng
 RT: 19.839 min Scan# 2848
 Delta R.T. -0.006 min
 Lab File: BP006023.D
 Acq: 23 Jun 2021 01:20

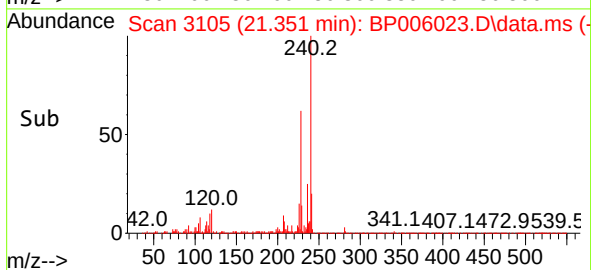
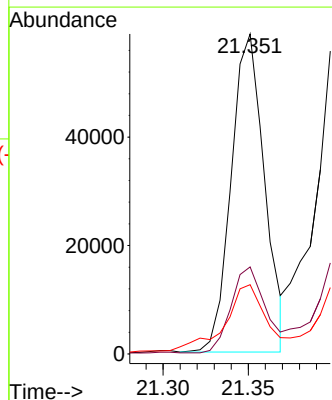
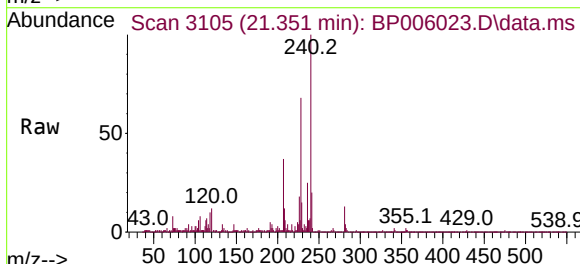
Instrument :
 BNA_P
 ClientSampleId :
 SB-2

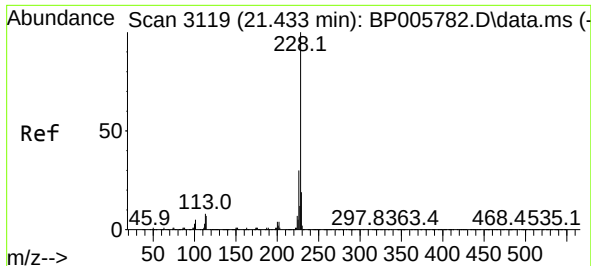
Tgt Ion:244 Resp: 1955380
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 9.0 7.1 10.7



#81
 Benzo(a)anthracene
 Concen: 2.36 ng
 RT: 21.351 min Scan# 3105
 Delta R.T. -0.000 min
 Lab File: BP006023.D
 Acq: 23 Jun 2021 01:20

Tgt Ion:228 Resp: 79660
 Ion Ratio Lower Upper
 228 100
 226 27.2 21.6 32.4
 229 21.7 15.8 23.6

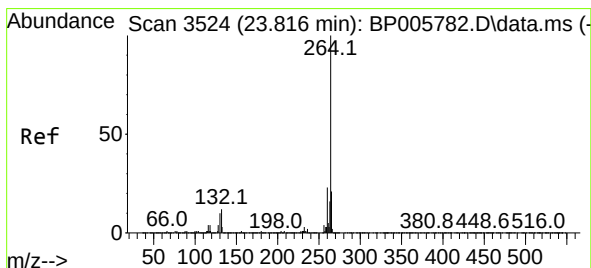
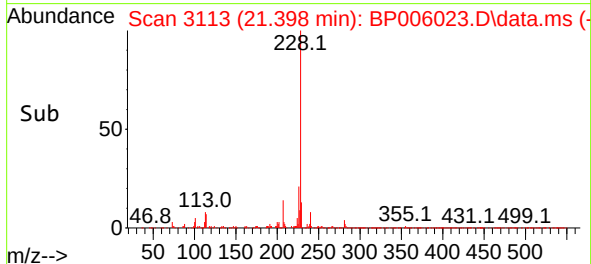
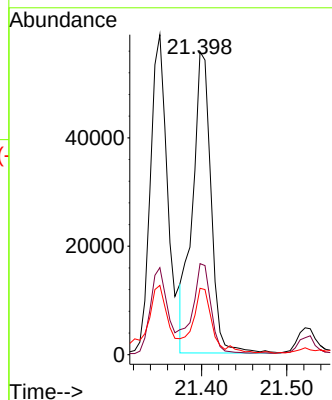
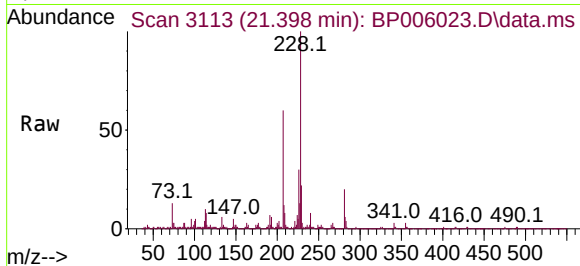




#83
Chrysene
Concen: 2.56 ng
RT: 21.398 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BP006023.D
Acq: 23 Jun 2021 01:20

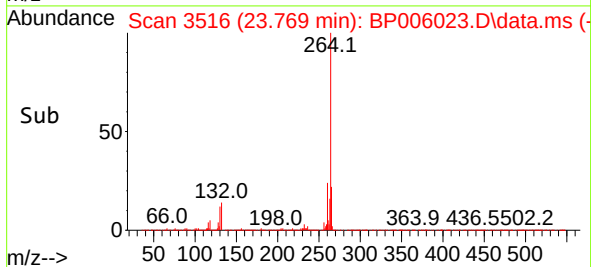
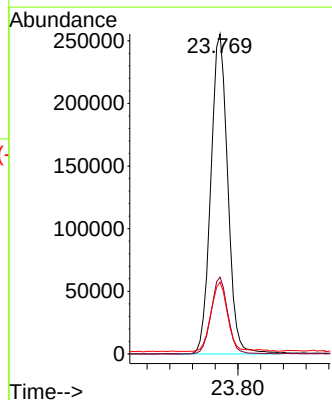
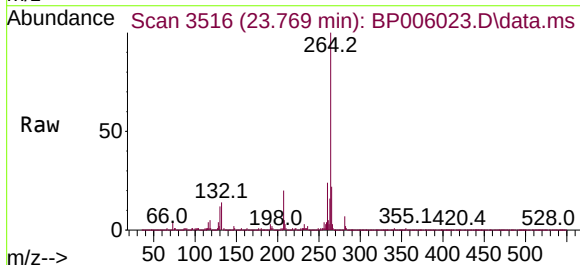
Instrument :
BNA_P
ClientSampled :
SB-2

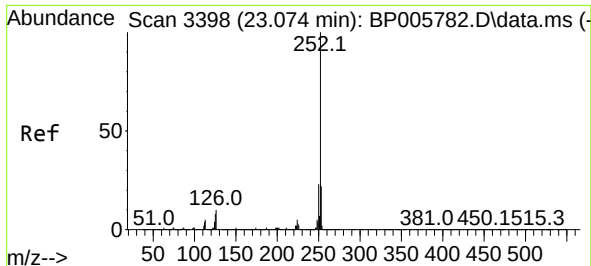
Tgt Ion:	228	Resp:	83906
Ion Ratio	Lower	Upper	
228	100		
226	30.1	23.8	35.6
229	21.9	15.4	23.2



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.769 min Scan# 3516
Delta R.T. -0.006 min
Lab File: BP006023.D
Acq: 23 Jun 2021 01:20

Tgt Ion:	264	Resp:	527365
Ion Ratio	Lower	Upper	
264	100		
260	24.0	18.6	28.0
265	22.4	17.6	26.4

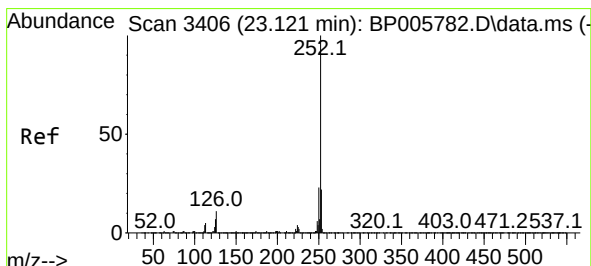
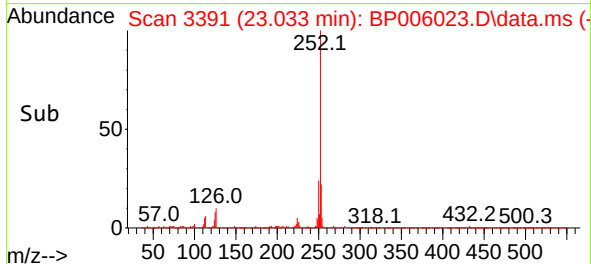
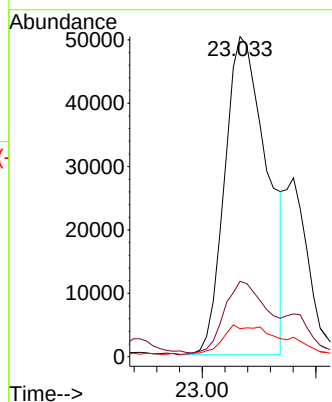
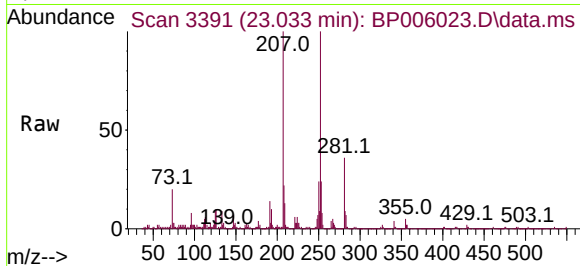




#88
Benzo(b)fluoranthene
Concen: 3.60 ng
RT: 23.033 min Scan# 3391
Delta R.T. -0.006 min
Lab File: BP006023.D
Acq: 23 Jun 2021 01:20

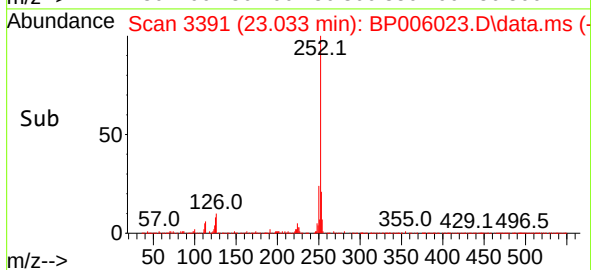
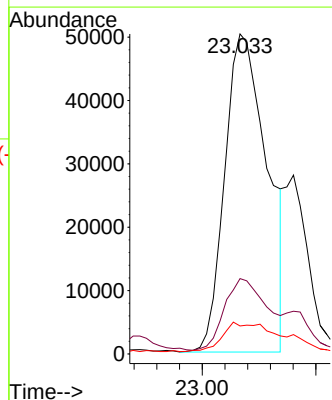
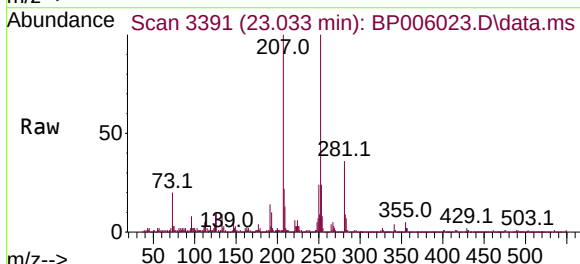
Instrument :
BNA_P
ClientSampled :
SB-2

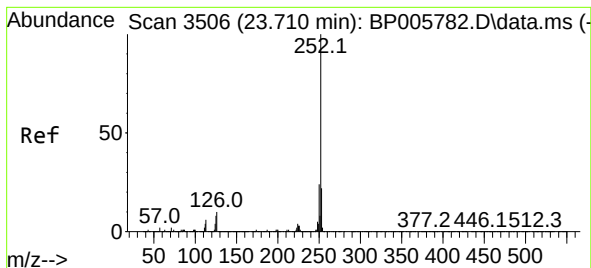
Tgt Ion:252 Resp: 129931
Ion Ratio Lower Upper
252 100
253 23.5 17.5 26.3
125 8.8 6.2 9.4



#89
Benzo(k)fluoranthene
Concen: 3.71 ng
RT: 23.033 min Scan# 3391
Delta R.T. -0.053 min
Lab File: BP006023.D
Acq: 23 Jun 2021 01:20

Tgt Ion:252 Resp: 129931
Ion Ratio Lower Upper
252 100
253 23.5 17.6 26.4
125 8.8 6.0 9.0





#90

Benzo(a)pyrene

Concen: 2.48 ng

RT: 23.663 min Scan# 3498

Delta R.T. -0.006 min

Lab File: BP006023.D

Acq: 23 Jun 2021 01:20

Instrument :

BNA_P

ClientSampleId :

SB-2

Tgt Ion:252 Resp: 84102

Ion Ratio Lower Upper

252 100

253 22.5 17.9 26.9

125 10.1 6.5 9.7#

