

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062221\
 Data File : BP006024.D
 Acq On : 23 Jun 2021 01:54
 Operator : CG/JU
 Sample : M2748-15
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-6A

Manual Integrations
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Quant Time: Jun 23 04:25:16 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	7.916	152	72737	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	282119	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	178239	20.000	ng	0.00
64) Phenanthrene-d10	17.292	188	380303	20.000	ng	0.00
76) Chrysene-d12	21.362	240	471743	20.000	ng	0.00
86) Perylene-d12	23.768	264	527075	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	409808	90.406	ng	0.00
7) Phenol-d6	7.092	99	484502	82.463	ng	0.00
23) Nitrobenzene-d5	9.086	82	297580	51.714	ng	0.00
42) 2,4,6-Tribromophenol	16.039	330	249667	81.625	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	738404	54.400	ng	0.00
79) Terphenyl-d14	19.839	244	1417461	56.263	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.333	178	410219	17.961	ng	99
72) Anthracene	17.427	178	84586	3.763	ng	98
75) Fluoranthene	19.292	202	553818	19.967	ng	98
78) Pyrene	19.645	202	434415	13.191	ng	99
81) Benzo(a)anthracene	21.351	228	283979	8.339	ng	99
83) Chrysene	21.398	228	250411m	7.592	ng	
87) Indeno(1,2,3-cd)pyrene	26.286	276	150644	3.342	ng	98
88) Benzo(b)fluoranthene	23.033	252	322371	8.930	ng	97
89) Benzo(k)fluoranthene	23.074	252	129807m	3.708	ng	
90) Benzo(a)pyrene	23.662	252	211341	6.227	ng	97
92) Benzo(g,h,i)perylene	27.062	276	134431	3.508	ng	98

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

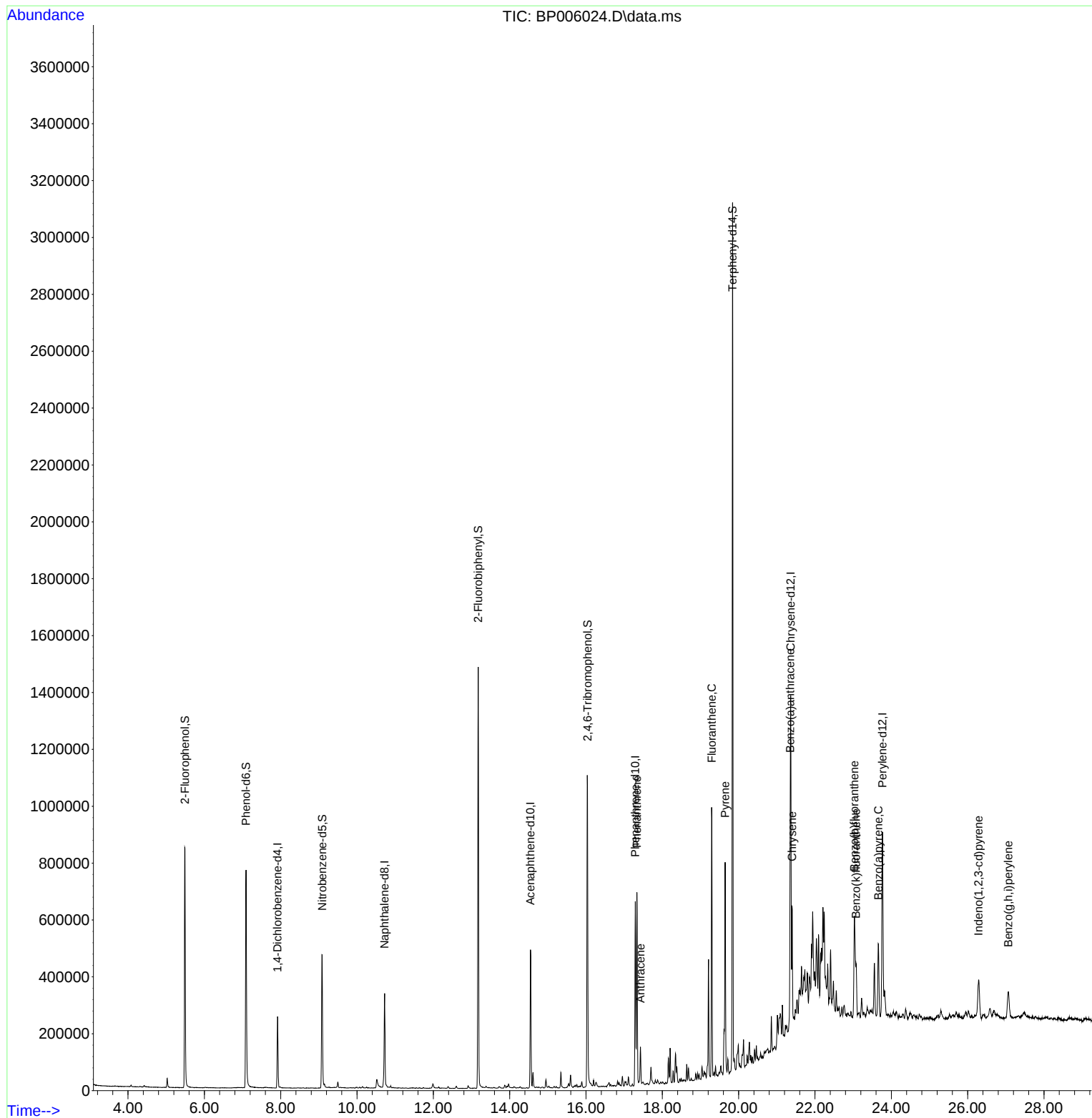
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Data File : BP006024.D
Acq On : 23 Jun 2021 01:54
Operator : CG/JU
Sample : M2748-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

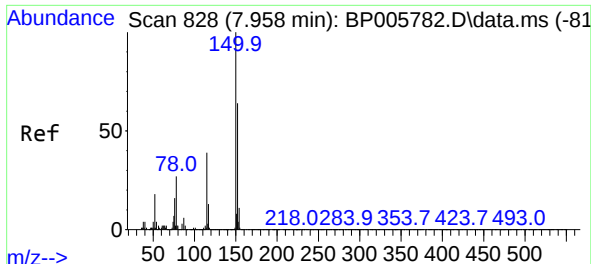
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
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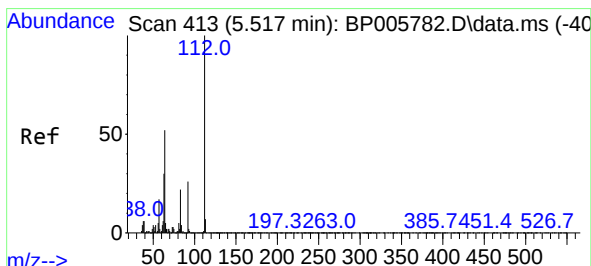
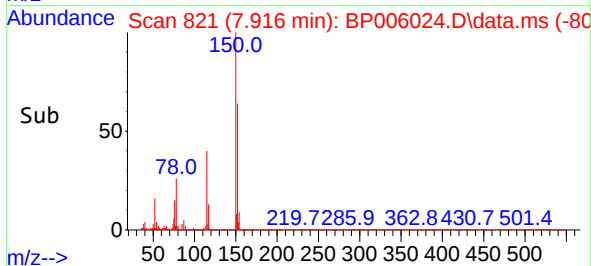
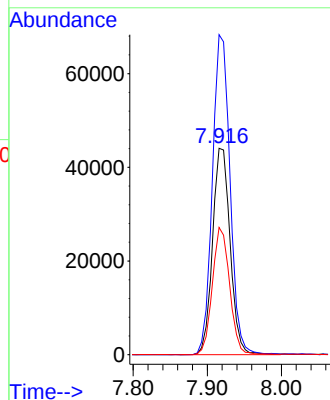
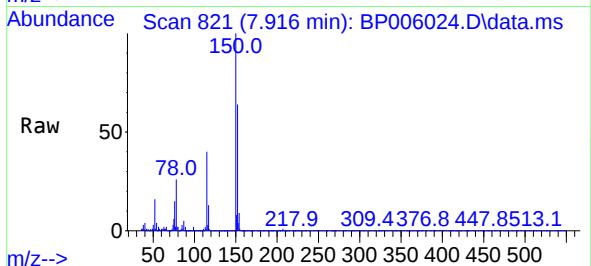
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.916 min Scan# 821
Delta R.T. -0.006 min
Lab File: BP006024.D
Acq: 23 Jun 2021 01:54

Tgt Ion:152 Resp: 72737
Ion Ratio Lower Upper
152 100
150 155.1 125.6 188.4
115 61.6 48.5 72.7

Instrument :
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ClientSampleId :
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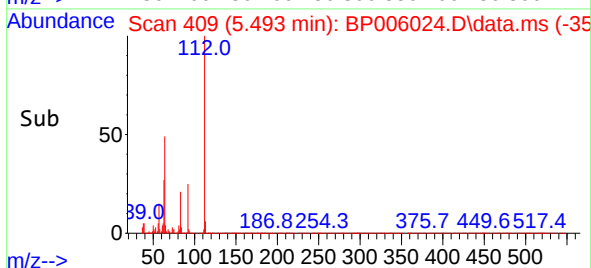
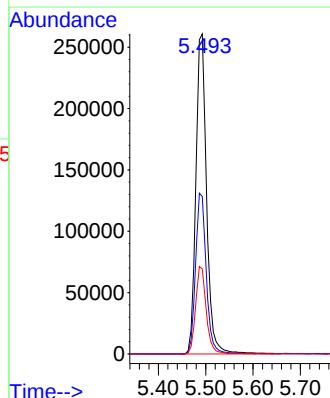
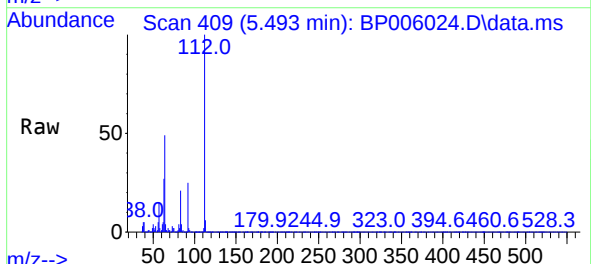
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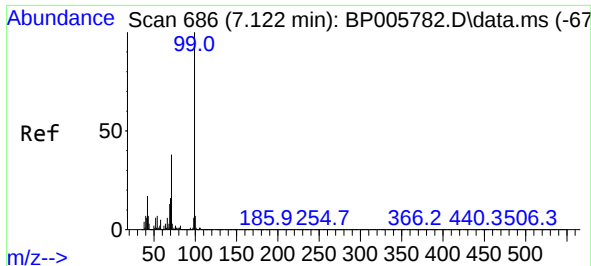
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#5
2-Fluorophenol
Concen: 90.406 ng
RT: 5.493 min Scan# 409
Delta R.T. 0.005 min
Lab File: BP006024.D
Acq: 23 Jun 2021 01:54

Tgt Ion:112 Resp: 409808
Ion Ratio Lower Upper
112 100
64 49.2 41.4 62.2
63 26.6 23.8 35.8





#7
Phenol-d6
Concen: 82.463 ng
RT: 7.092 min Scan# 681
Delta R.T. -0.001 min
Lab File: BP006024.D
Acq: 23 Jun 2021 01:54

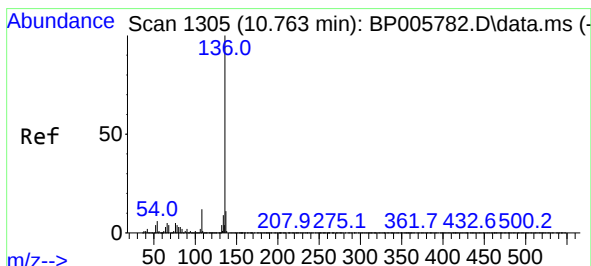
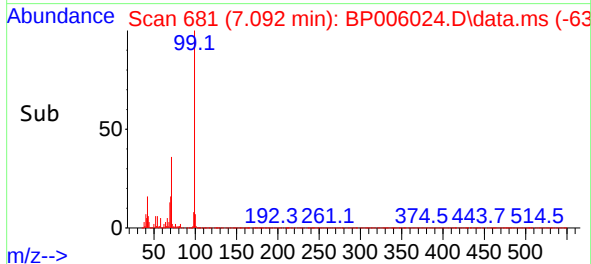
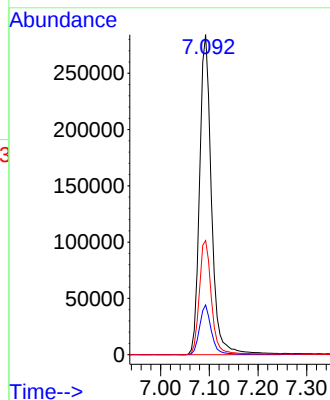
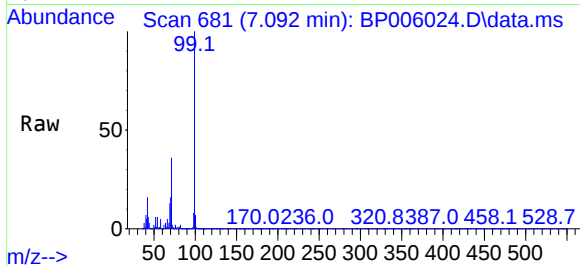
Tgt Ion: 99 Resp: 484502

Ion	Ratio	Lower	Upper
99	100		
42	15.6	13.4	20.0
71	35.7	30.6	46.0

Instrument :
BNA_P
ClientSampleId :
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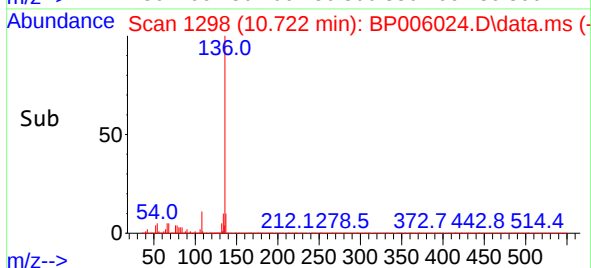
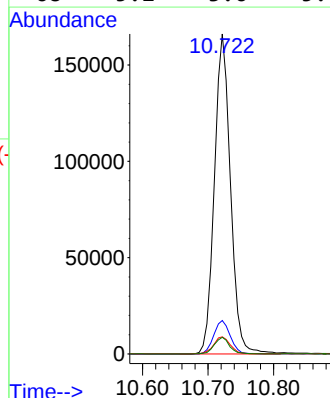
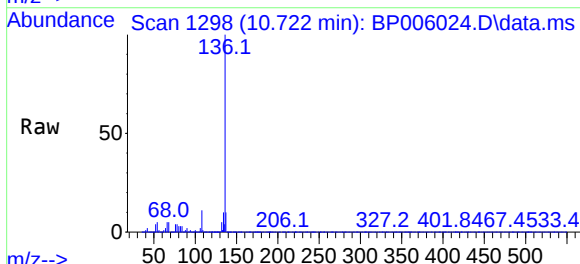
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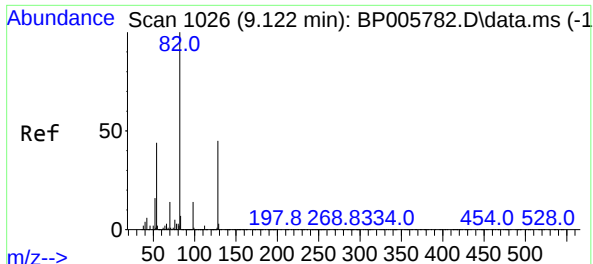


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 1298
Delta R.T. -0.001 min
Lab File: BP006024.D
Acq: 23 Jun 2021 01:54

Tgt Ion: 136 Resp: 282119

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	12.8
54	5.4	4.6	6.8
68	5.2	3.6	5.4





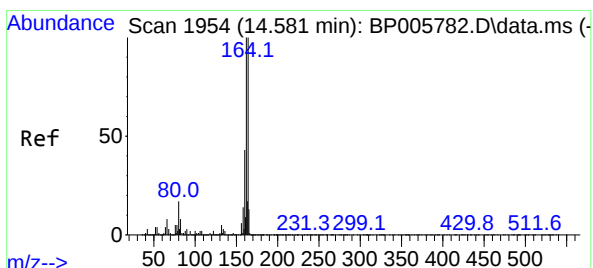
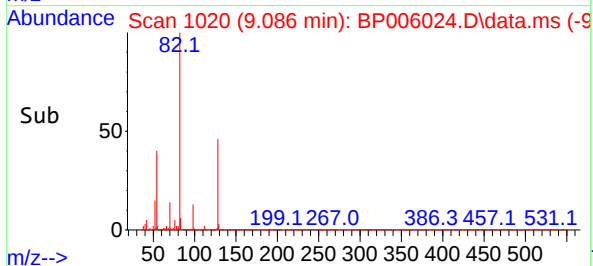
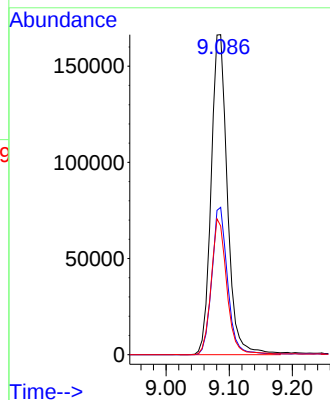
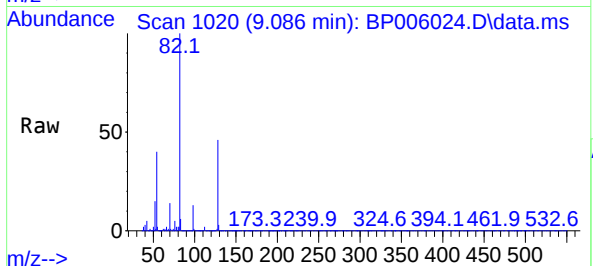
#23
Nitrobenzene-d5
Concen: 51.714 ng
RT: 9.086 min Scan# 1020
Delta R.T. -0.001 min
Lab File: BP006024.D
Acq: 23 Jun 2021 01:54

Instrument :
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ClientSampleId :
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Tgt Ion: 82 Resp: 297580
Ion Ratio Lower Upper
82 100
128 46.1 35.7 53.5
54 40.2 35.0 52.4

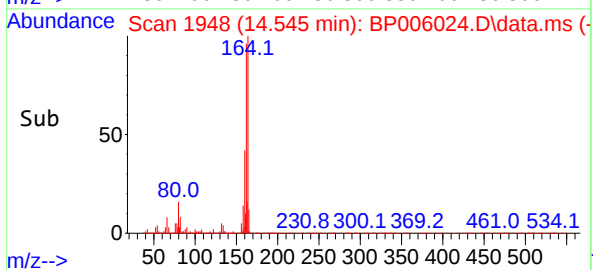
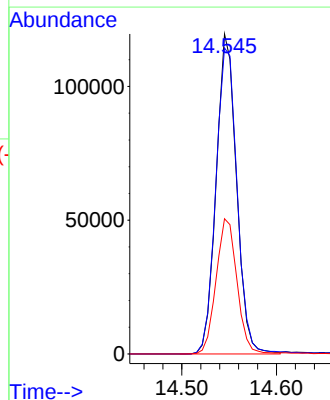
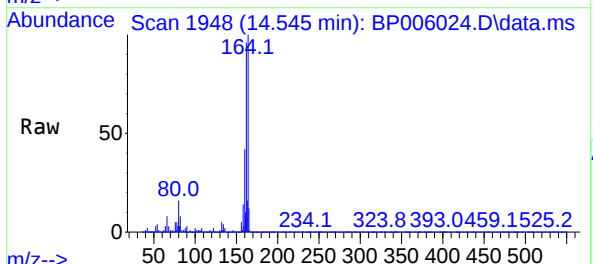
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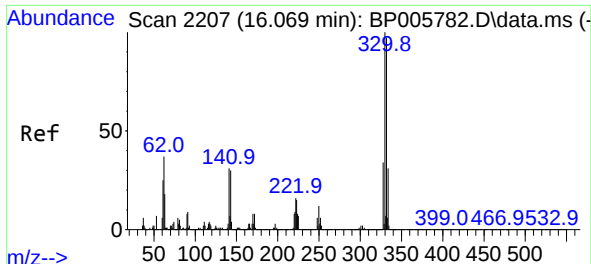
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.545 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BP006024.D
Acq: 23 Jun 2021 01:54

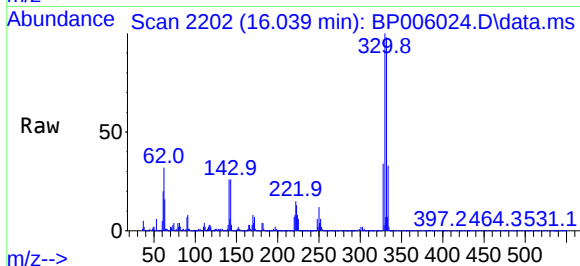
Tgt Ion: 164 Resp: 178239
Ion Ratio Lower Upper
164 100
162 95.6 80.2 120.2
160 42.2 34.5 51.7





#42
2,4,6-Tribromophenol
Concen: 81.625 ng
RT: 16.039 min Scan# 2202
Delta R.T. -0.000 min
Lab File: BP006024.D
Acq: 23 Jun 2021 01:54

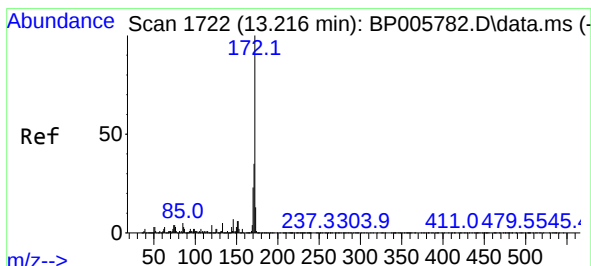
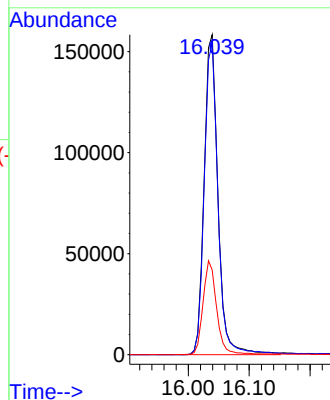
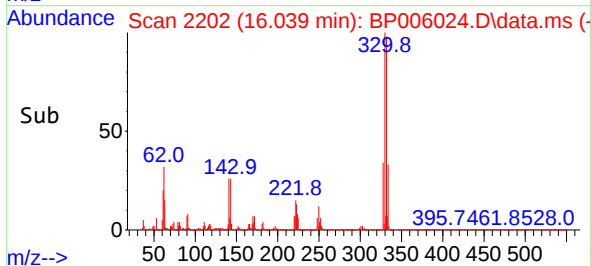
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ClientSampleId :
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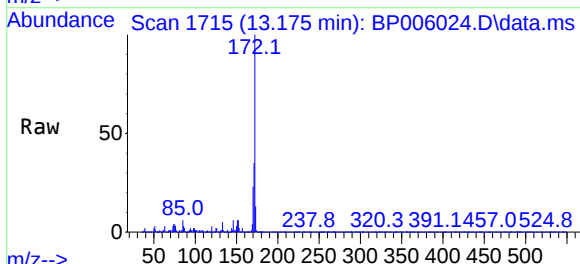
Tgt Ion:330 Resp: 249667
Ion Ratio Lower Upper
330 100
332 97.1 77.8 116.8
141 29.1 25.4 38.2

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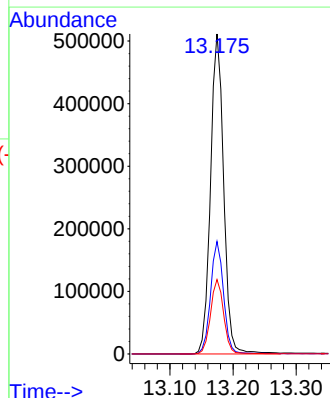
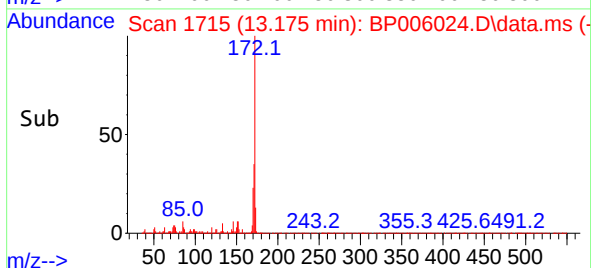
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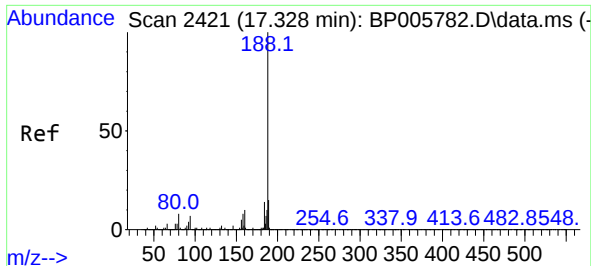


#45
2-Fluorobiphenyl
Concen: 54.400 ng
RT: 13.175 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BP006024.D
Acq: 23 Jun 2021 01:54



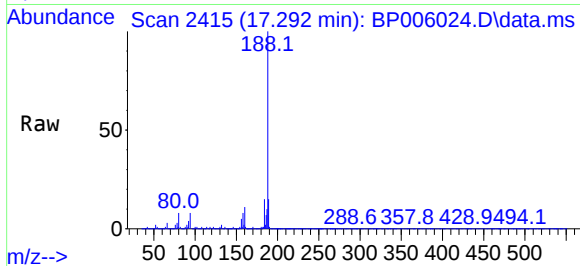
Tgt Ion:172 Resp: 738404
Ion Ratio Lower Upper
172 100
171 35.1 27.9 41.9
170 23.3 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.292 min Scan# 2415
Delta R.T. -0.001 min
Lab File: BP006024.D
Acq: 23 Jun 2021 01:54

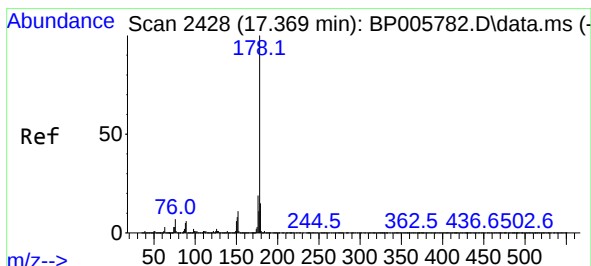
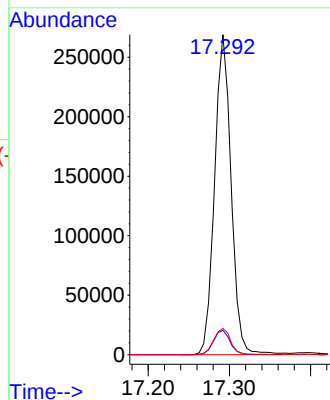
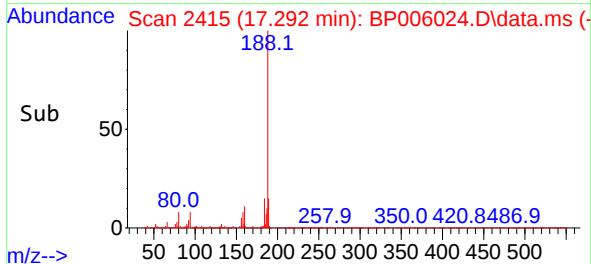
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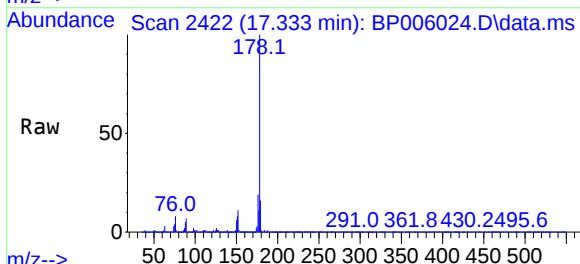
Tgt Ion:188 Resp: 380303
Ion Ratio Lower Upper
188 100
94 7.6 5.6 8.4
80 8.2 6.3 9.5

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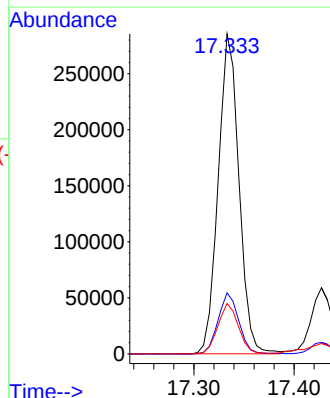
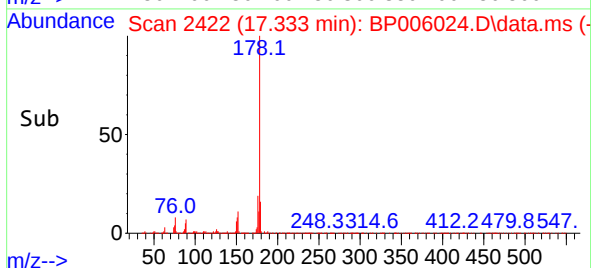
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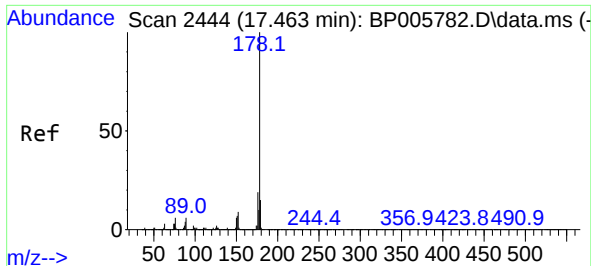


#71
Phenanthrene
Concen: 17.961 ng
RT: 17.333 min Scan# 2422
Delta R.T. -0.006 min
Lab File: BP006024.D
Acq: 23 Jun 2021 01:54



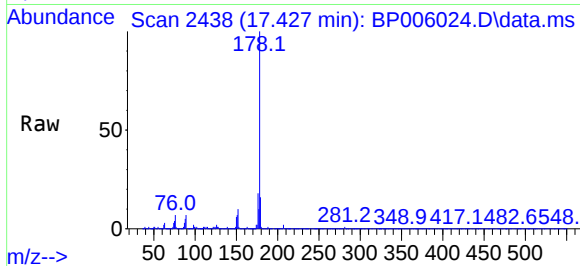
Tgt Ion:178 Resp: 410219
Ion Ratio Lower Upper
178 100
176 19.1 15.1 22.7
179 15.7 12.4 18.6





#72
 Anthracene
 Concen: 3.763 ng
 RT: 17.427 min Scan# 2438
 Delta R.T. -0.006 min
 Lab File: BP006024.D
 Acq: 23 Jun 2021 01:54

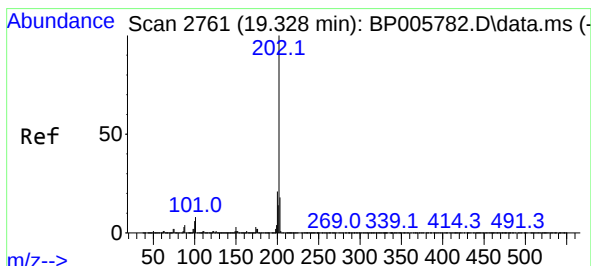
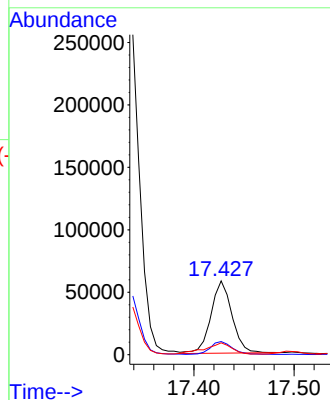
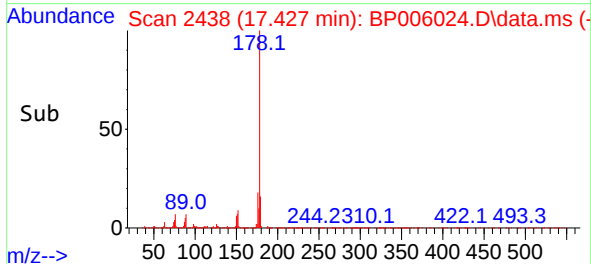
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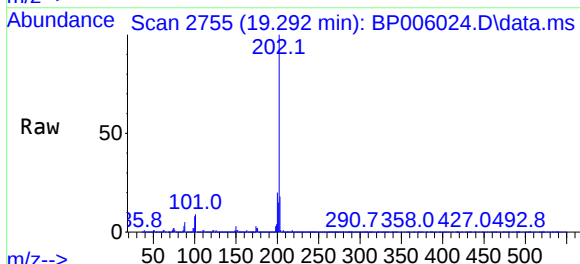
Tgt Ion:178 Resp: 84586
 Ion Ratio Lower Upper
 178 100
 176 17.7 14.9 22.3
 179 16.1 12.2 18.2

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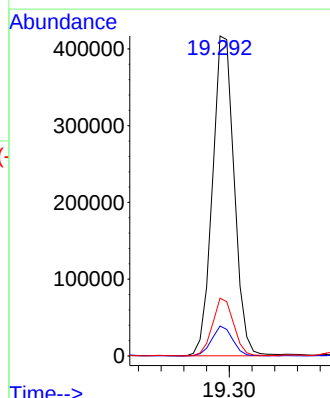
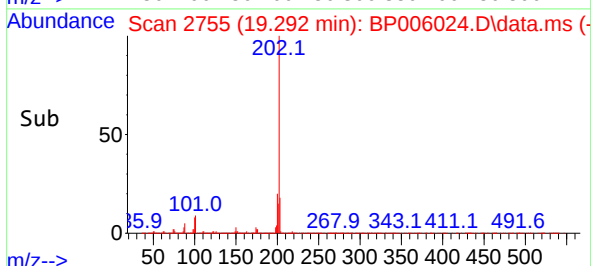
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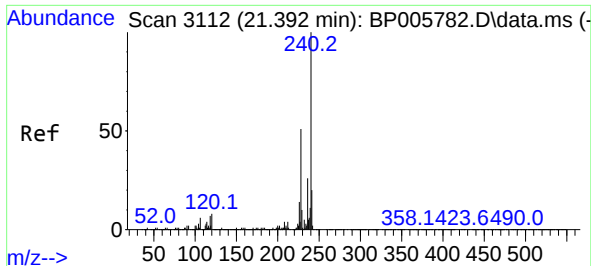


#75
 Fluoranthene
 Concen: 19.967 ng
 RT: 19.292 min Scan# 2755
 Delta R.T. -0.006 min
 Lab File: BP006024.D
 Acq: 23 Jun 2021 01:54



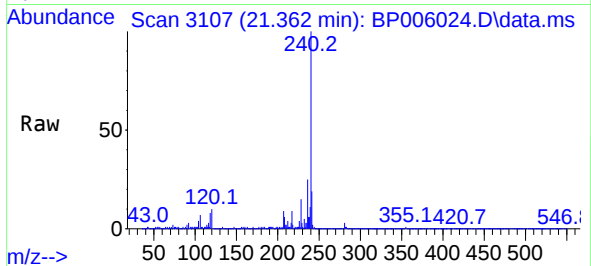
Tgt Ion:202 Resp: 553818
 Ion Ratio Lower Upper
 202 100
 101 9.3 0.0 27.6
 203 18.0 0.0 37.8





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.362 min Scan# 3107
Delta R.T. -0.006 min
Lab File: BP006024.D
Acq: 23 Jun 2021 01:54

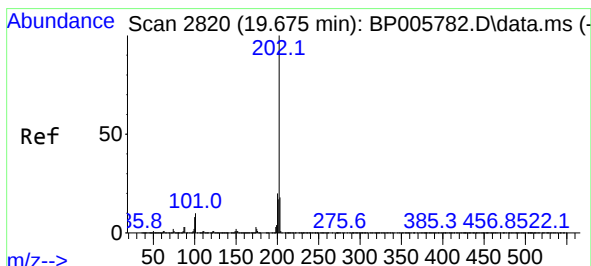
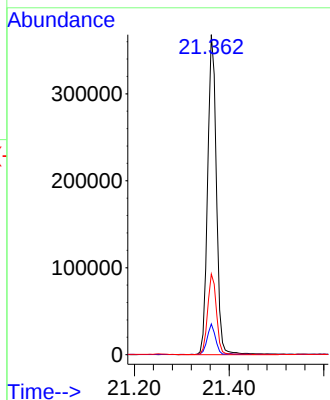
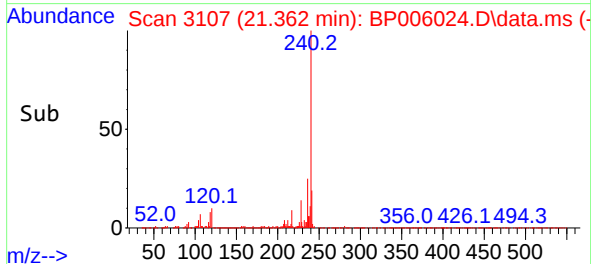
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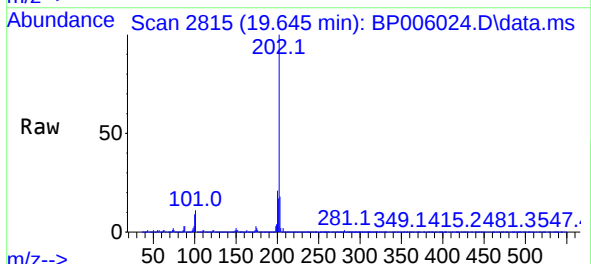
Tgt Ion:240 Resp: 471743
Ion Ratio Lower Upper
240 100
120 9.6 6.5 9.7
236 25.2 20.6 31.0

Manual Integrations
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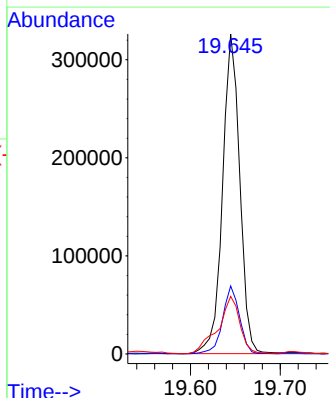
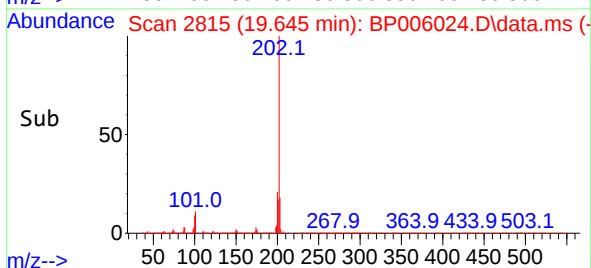
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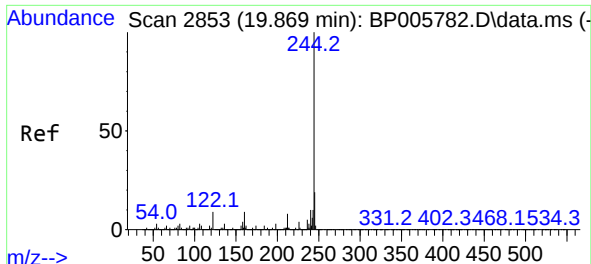


#78
Pyrene
Concen: 13.191 ng
RT: 19.645 min Scan# 2815
Delta R.T. -0.006 min
Lab File: BP006024.D
Acq: 23 Jun 2021 01:54



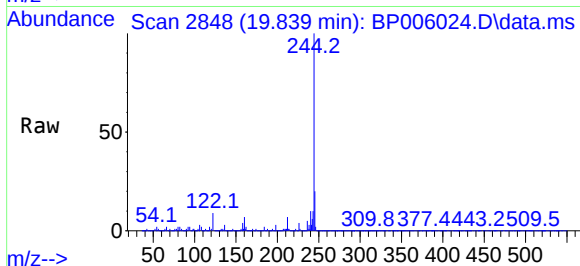
Tgt Ion:202 Resp: 434415
Ion Ratio Lower Upper
202 100
200 21.2 16.3 24.5
203 18.0 14.2 21.2





#79
Terphenyl-d14
Concen: 56.263 ng
RT: 19.839 min Scan# 2848
Delta R.T. -0.006 min
Lab File: BP006024.D
Acq: 23 Jun 2021 01:54

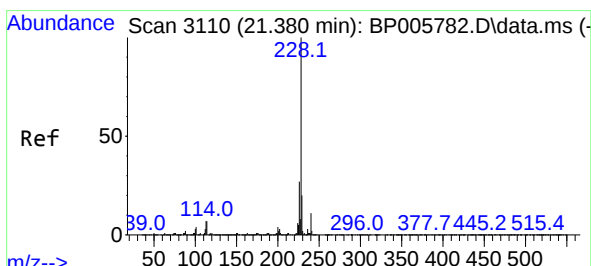
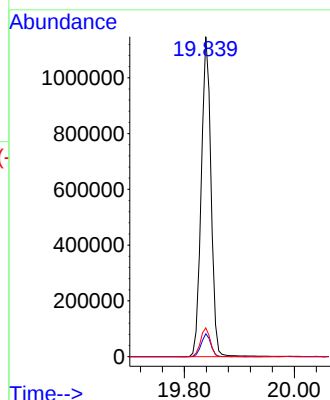
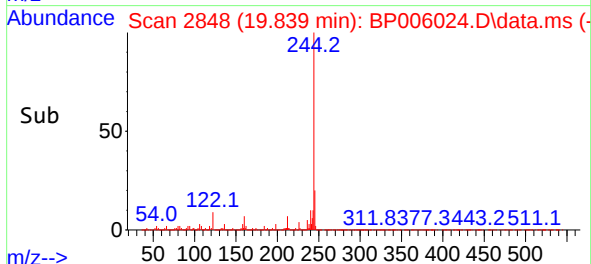
Instrument :
BNA_P
ClientSampleId :
SB-6A



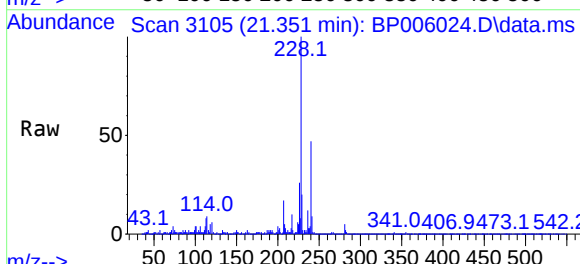
Tgt Ion:244 Resp: 1417461
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 9.0 7.1 10.7

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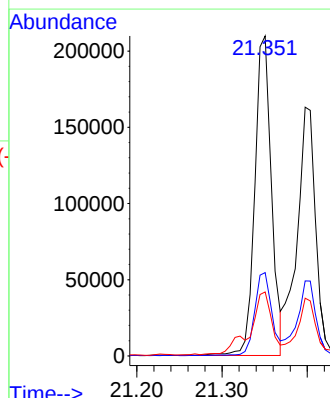
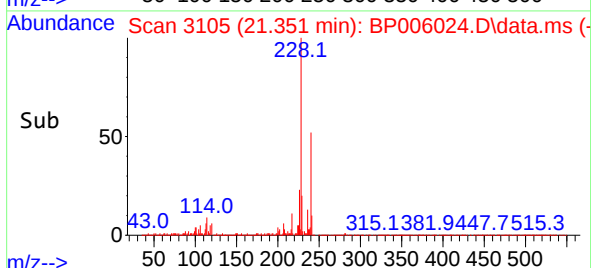
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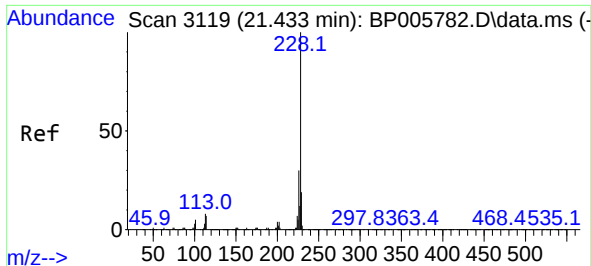


#81
Benzo(a)anthracene
Concen: 8.339 ng
RT: 21.351 min Scan# 3105
Delta R.T. -0.001 min
Lab File: BP006024.D
Acq: 23 Jun 2021 01:54



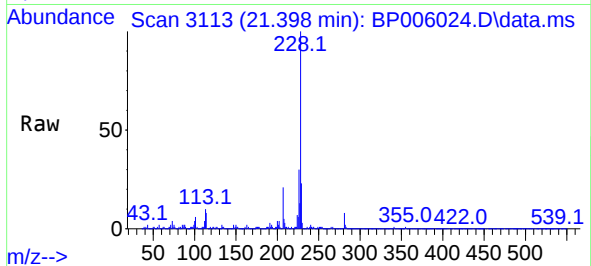
Tgt Ion:228 Resp: 283979
Ion Ratio Lower Upper
228 100
226 26.0 21.6 32.4
229 20.0 15.8 23.6





#83
Chrysene
Concen: 7.592 ng m
RT: 21.398 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BP006024.D
Acq: 23 Jun 2021 01:54

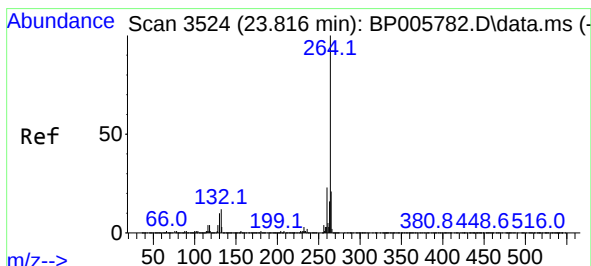
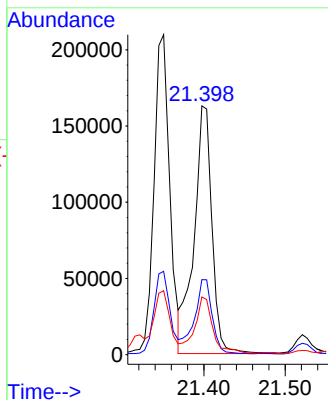
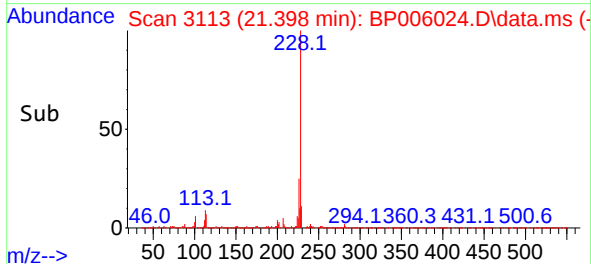
Instrument :
BNA_P
ClientSampled :
SB-6A



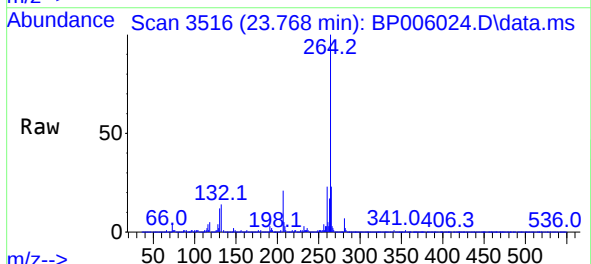
Tgt Ion: 228 Resp: 250411
Ion Ratio Lower Upper
228 100
226 30.2 23.8 35.6
229 23.2 15.4 23.2#

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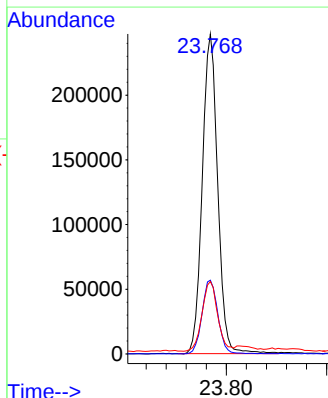
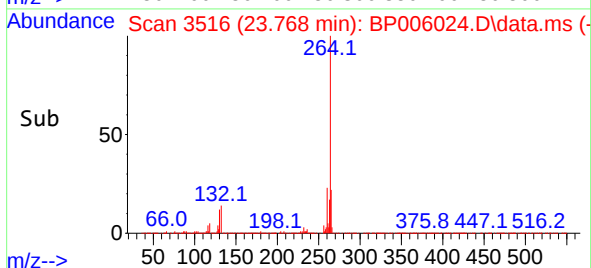
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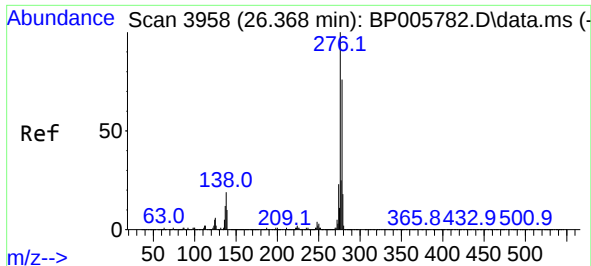


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.768 min Scan# 3516
Delta R.T. -0.006 min
Lab File: BP006024.D
Acq: 23 Jun 2021 01:54



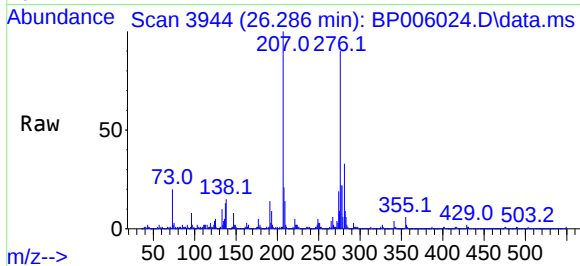
Tgt Ion: 264 Resp: 527075
Ion Ratio Lower Upper
264 100
260 23.0 18.6 28.0
265 22.7 17.6 26.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 3.342 ng
RT: 26.286 min Scan# 3944
Delta R.T. -0.024 min
Lab File: BP006024.D
Acq: 23 Jun 2021 01:54

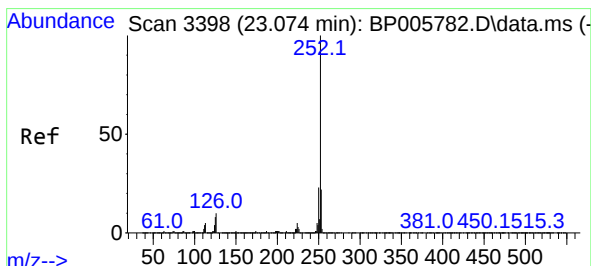
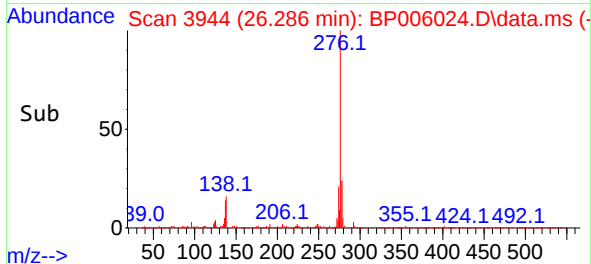
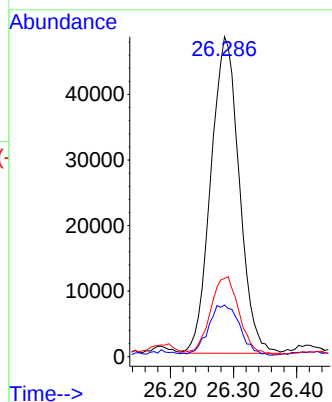
Instrument :
BNA_P
ClientSampled :
SB-6A



Tgt Ion: 276 Resp: 150644
Ion Ratio Lower Upper
276 100
138 17.6 15.3 22.9
277 24.8 20.4 30.6

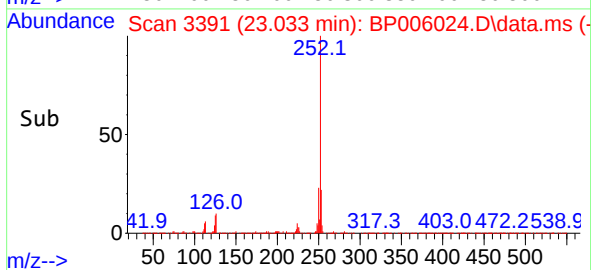
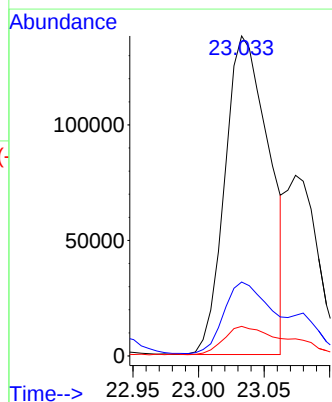
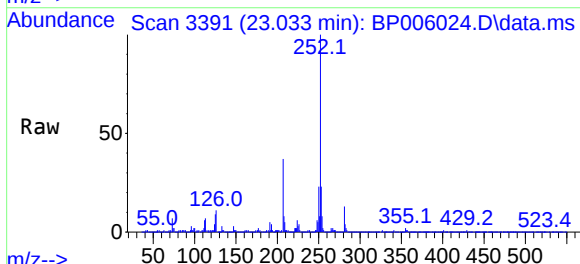
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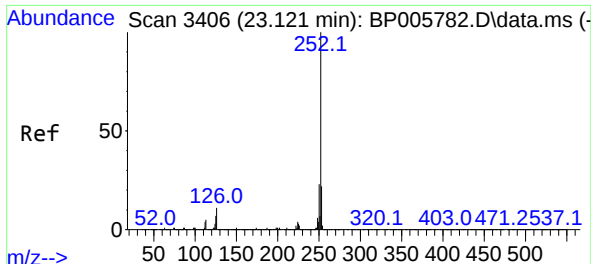
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#88
Benzo(b)fluoranthene
Concen: 8.930 ng
RT: 23.033 min Scan# 3391
Delta R.T. -0.006 min
Lab File: BP006024.D
Acq: 23 Jun 2021 01:54

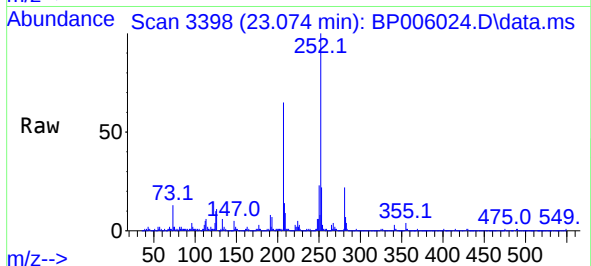
Tgt Ion: 252 Resp: 322371
Ion Ratio Lower Upper
252 100
253 23.1 17.5 26.3
125 9.2 6.2 9.4





#89
Benzo(k)fluoranthene
Concen: 3.708 ng m
RT: 23.074 min Scan# 3398
Delta R.T. -0.012 min
Lab File: BP006024.D
Acq: 23 Jun 2021 01:54

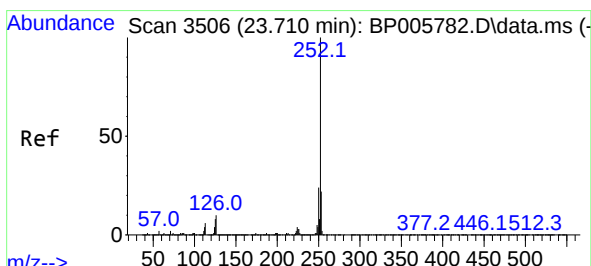
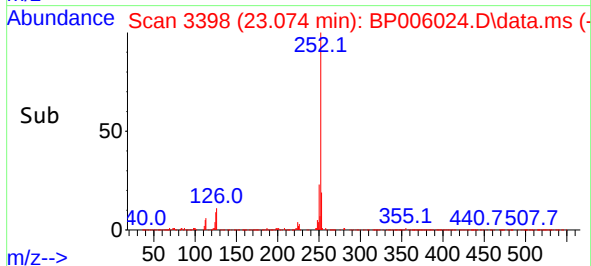
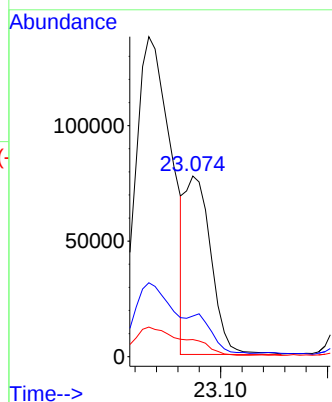
Instrument :
BNA_P
ClientSampleId :
SB-6A



Tgt Ion:252 Resp: 129807
Ion Ratio Lower Upper
252 100
253 22.5 17.6 26.4
125 9.5 6.0 9.0#

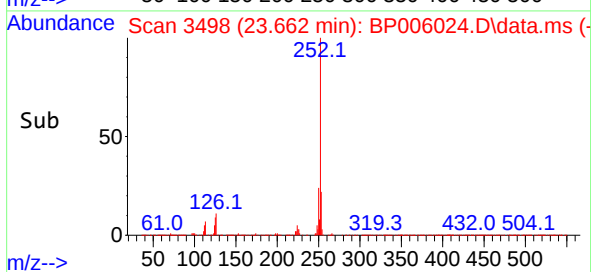
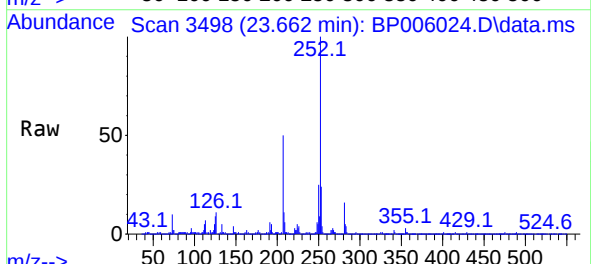
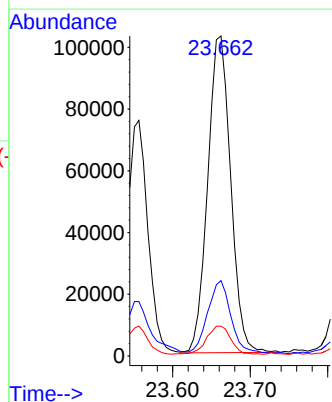
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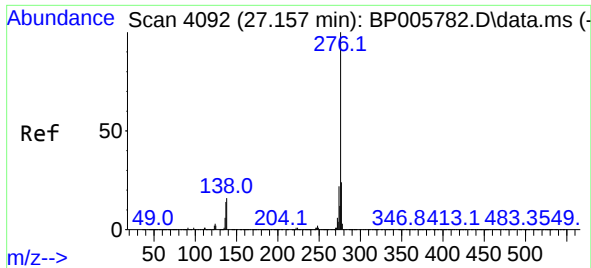
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#90
Benzo(a)pyrene
Concen: 6.227 ng
RT: 23.662 min Scan# 3498
Delta R.T. -0.006 min
Lab File: BP006024.D
Acq: 23 Jun 2021 01:54

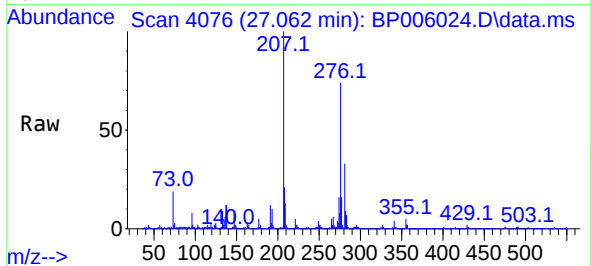
Tgt Ion:252 Resp: 211341
Ion Ratio Lower Upper
252 100
253 23.5 17.9 26.9
125 9.3 6.5 9.7





#92
Benzo(g,h,i)perylene
Concen: 3.508 ng
RT: 27.062 min Scan# 4076
Delta R.T. -0.024 min
Lab File: BP006024.D
Acq: 23 Jun 2021 01:54

Instrument :
BNA_P
ClientSampleId :
SB-6A



Tgt Ion: 276 Resp: 134431
Ion Ratio Lower Upper
276 100
277 22.2 18.9 28.3
138 16.1 12.6 18.8

Manual Integrations
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