

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021921\
 Data File : BP004827.D
 Acq On : 19 Feb 2021 17:56
 Operator : CG/JU
 Sample : M1440-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SP-227-233-B

Manual Integrations
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Quant Time: Feb 19 23:52:39 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 19 12:04:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	49124	20.00	ng	0.00
21) Naphthalene-d8	10.551	136	182385	20.00	ng	# 0.00
39) Acenaphthene-d10	14.410	164	109030	20.00	ng	0.00
64) Phenanthrene-d10	17.163	188	229099	20.00	ng	0.00
76) Chrysene-d12	21.251	240	263234	20.00	ng	# 0.00
86) Perylene-d12	23.551	264	270686	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	387211	121.70	ng	0.00
7) Phenol-d6	6.946	99	485959	111.07	ng	0.00
23) Nitrobenzene-d5	8.916	82	298478	71.31	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	160989	111.14	ng	0.00
45) 2-Fluorobiphenyl	13.028	172	629011	70.51	ng	0.00
79) Terphenyl-d14	19.727	244	899525	57.40	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.969	94	17780	4.20	ng	75
50) Dimethylphthalate	13.863	163	28960	3.02	ng	98
71) Phenanthrene	17.204	178	97855	6.98	ng	99
75) Fluoranthene	19.180	202	198705	11.89	ng	99
78) Pyrene	19.527	202	175059	9.43	ng	99
81) Benzo(a)anthracene	21.233	228	103436	5.54	ng	99
83) Chrysene	21.286	228	89620	4.96	ng	97
87) Indeno(1,2,3-cd)pyrene	25.909	276	58272	2.70	ng	# 93
88) Benzo(b)fluoranthene	22.857	252	123928	6.25	ng	99
89) Benzo(k)fluoranthene	22.898	252	38073m	2.00	ng	
90) Benzo(a)pyrene	23.451	252	85659	4.78	ng	93
92) Benzo(g,h,i)perylene	26.639	276	55388	3.20	ng	# 90

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

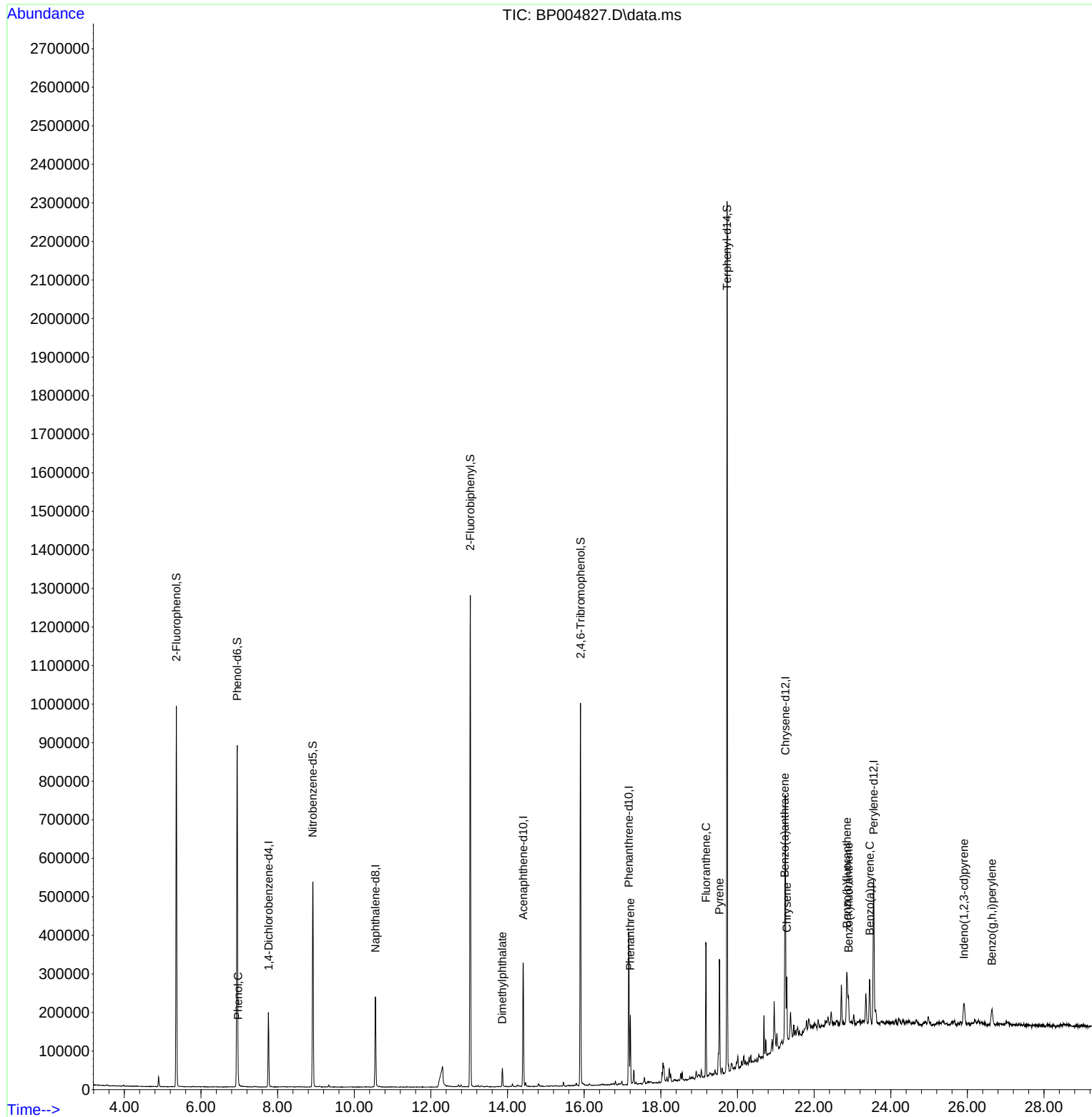
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Data File : BP004827.D
Acq On : 19 Feb 2021 17:56
Operator : CG/JU
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ALS Vial : 14 Sample Multiplier: 1

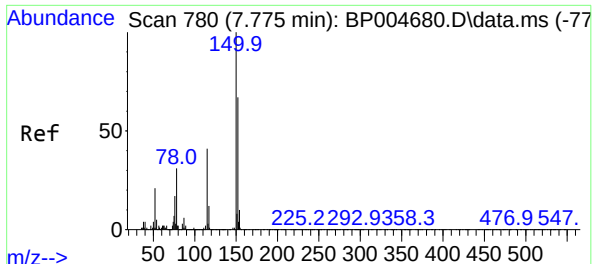
Instrument :
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Quant Time: Feb 19 23:52:39 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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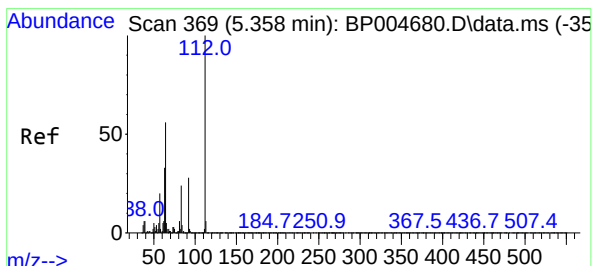
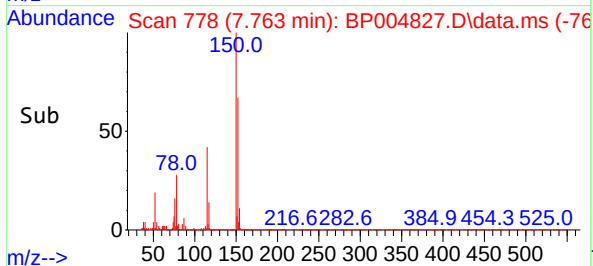
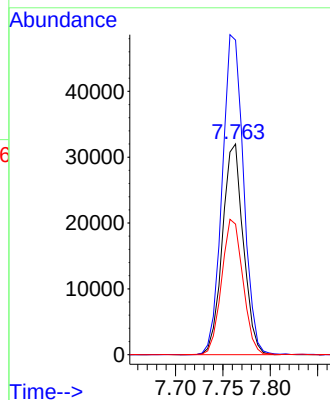
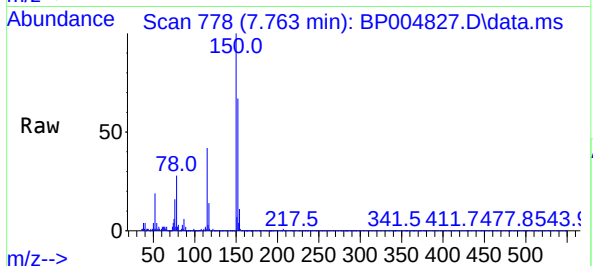
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.763 min Scan# 778
Delta R.T. 0.000 min
Lab File: BP004827.D
Acq: 19 Feb 2021 17:56

Tgt Ion:152 Resp: 49124
Ion Ratio Lower Upper
152 100
150 149.2 123.8 185.6
115 62.0 43.8 65.6

Instrument :
BNA_P
ClientSampleId :
SP-227-233-B

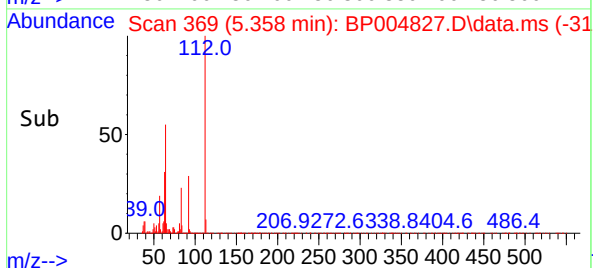
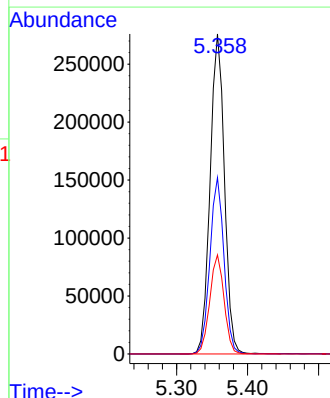
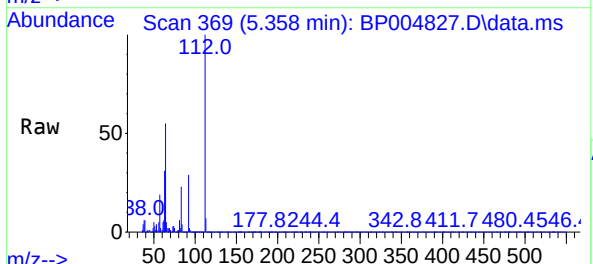
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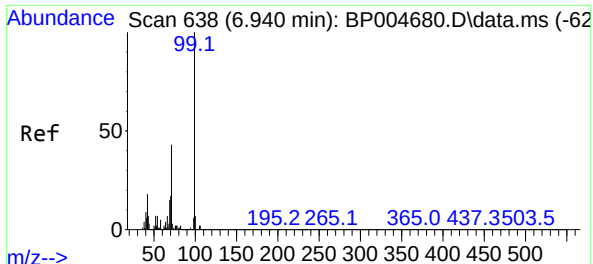
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#5
2-Fluorophenol
Concen: 121.70 ng
RT: 5.358 min Scan# 369
Delta R.T. 0.006 min
Lab File: BP004827.D
Acq: 19 Feb 2021 17:56

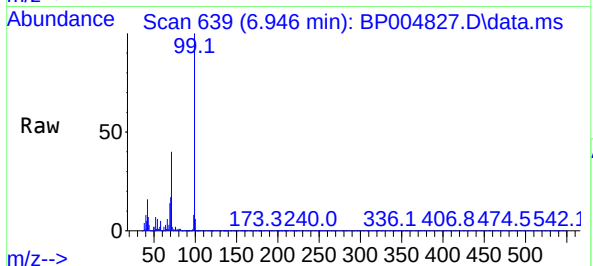
Tgt Ion:112 Resp: 387211
Ion Ratio Lower Upper
112 100
64 55.1 32.8 49.2#
63 31.0 17.0 25.4#





#7
Phenol-d6
Concen: 111.07 ng
RT: 6.946 min Scan# 639
Delta R.T. 0.000 min
Lab File: BP004827.D
Acq: 19 Feb 2021 17:56

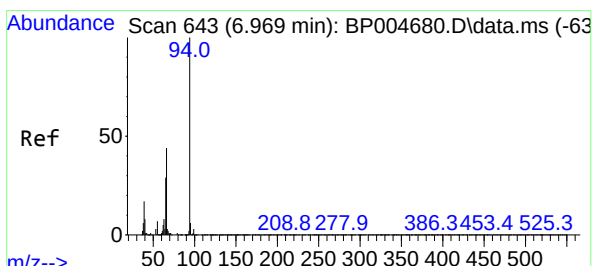
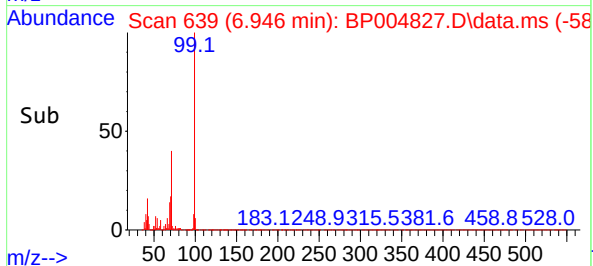
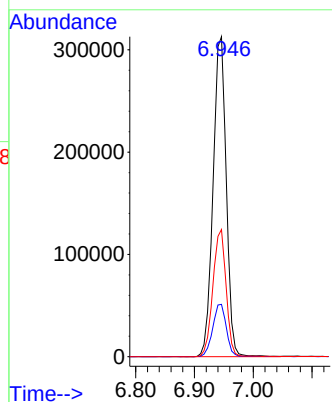
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion: 99 Resp: 485959
Ion Ratio Lower Upper
99 100
42 16.4 8.6 13.0#
71 39.8 23.4 35.2#

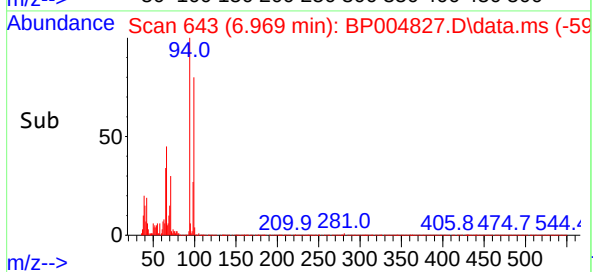
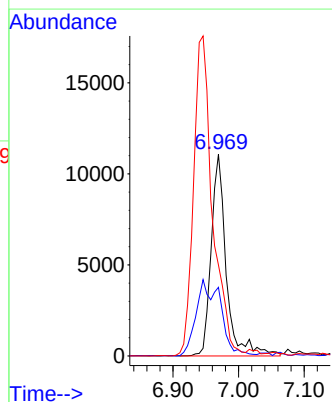
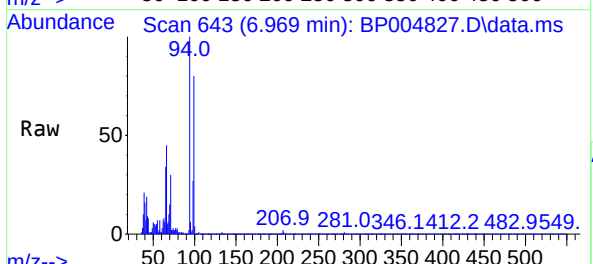
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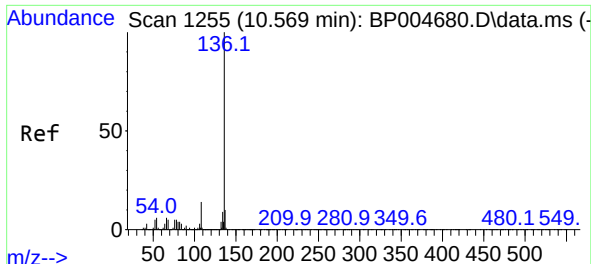
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#10
Phenol
Concen: 4.20 ng
RT: 6.969 min Scan# 643
Delta R.T. 0.000 min
Lab File: BP004827.D
Acq: 19 Feb 2021 17:56

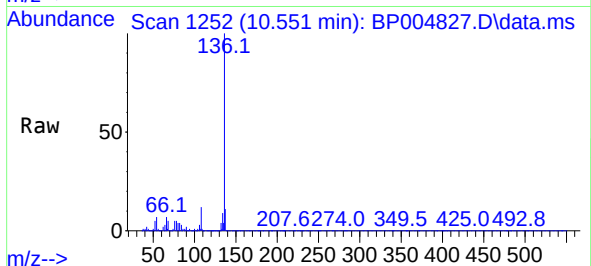
Tgt Ion: 94 Resp: 17780
Ion Ratio Lower Upper
94 100
65 34.0 2.3 42.3
66 45.1 10.9 50.9





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.551 min Scan# 1252
Delta R.T. -0.006 min
Lab File: BP004827.D
Acq: 19 Feb 2021 17:56

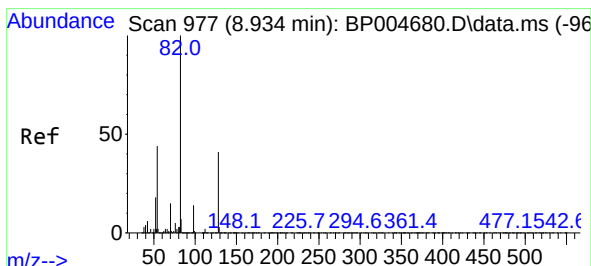
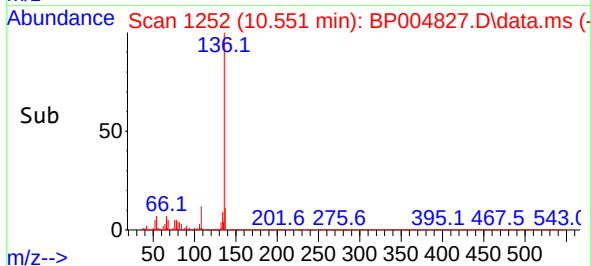
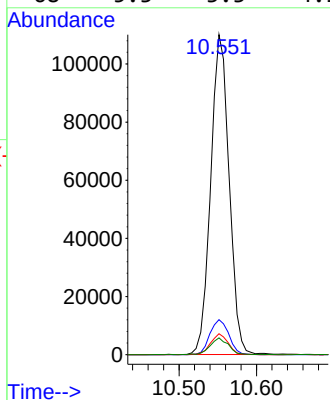
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:136 Resp: 182385
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 6.6 3.6 5.4#
68 5.3 3.3 4.9#

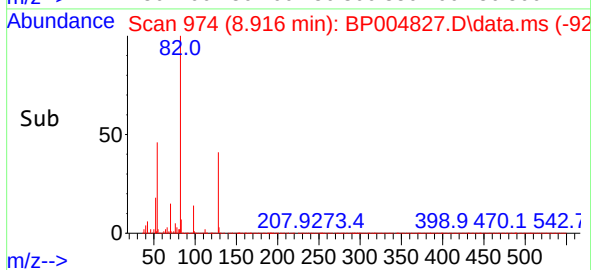
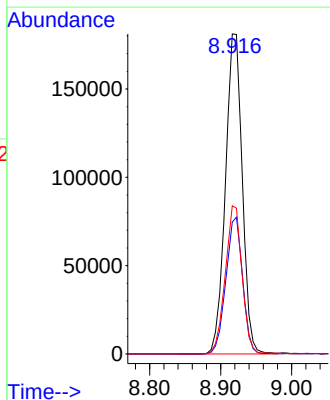
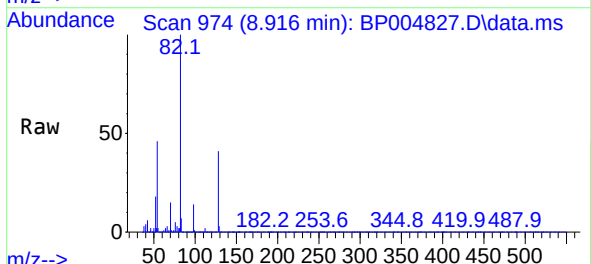
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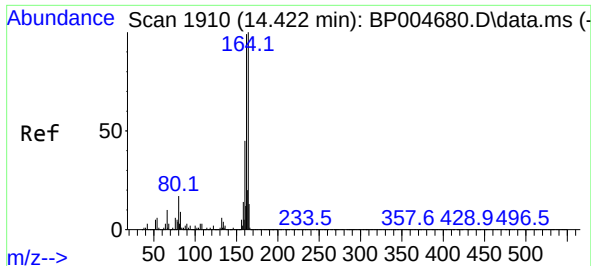
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#23
Nitrobenzene-d5
Concen: 71.31 ng
RT: 8.916 min Scan# 974
Delta R.T. -0.006 min
Lab File: BP004827.D
Acq: 19 Feb 2021 17:56

Tgt Ion: 82 Resp: 298478
Ion Ratio Lower Upper
82 100
128 41.2 45.6 68.4#
54 46.3 30.1 45.1#





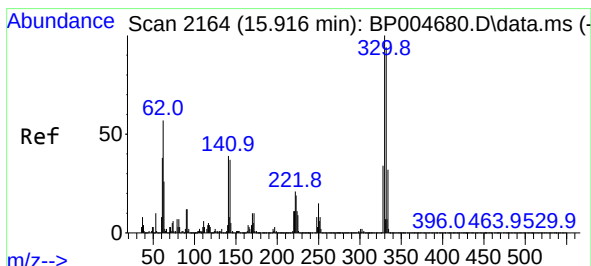
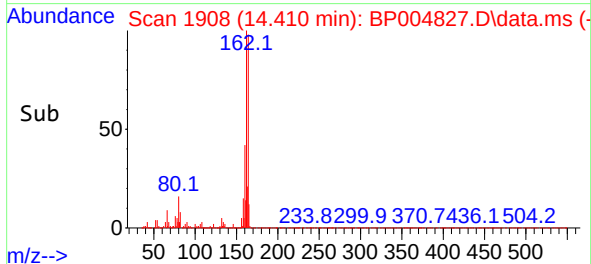
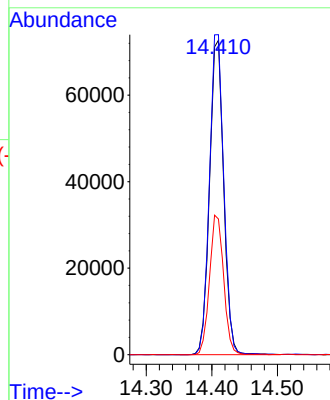
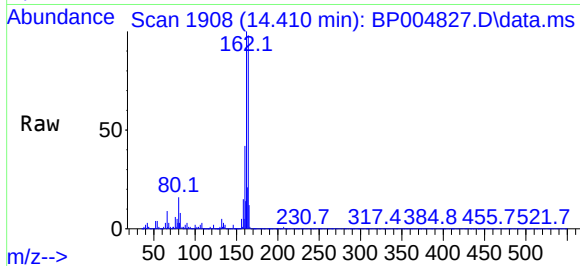
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.410 min Scan# 1908
Delta R.T. 0.000 min
Lab File: BP004827.D
Acq: 19 Feb 2021 17:56

Tgt Ion:164 Resp: 109030
Ion Ratio Lower Upper
164 100
162 101.8 79.4 119.2
160 43.1 36.1 54.1

Instrument :
BNA_P
ClientSampleId :
SP-227-233-B

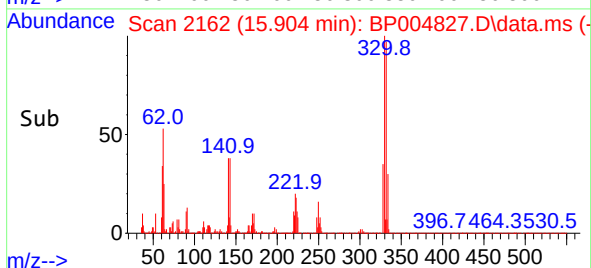
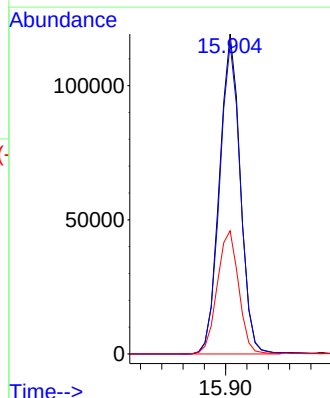
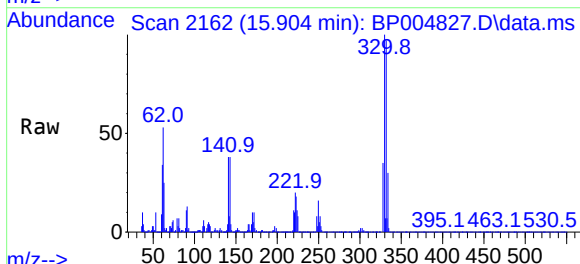
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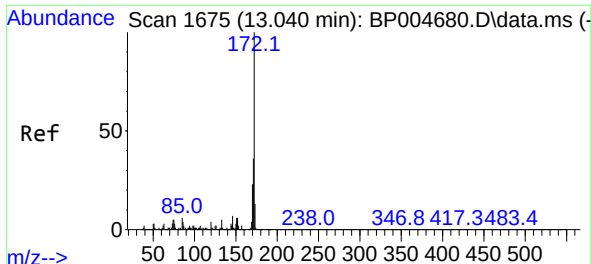
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#42
2,4,6-Tribromophenol
Concen: 111.14 ng
RT: 15.904 min Scan# 2162
Delta R.T. -0.006 min
Lab File: BP004827.D
Acq: 19 Feb 2021 17:56

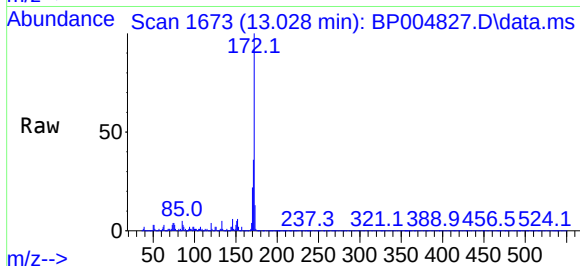
Tgt Ion:330 Resp: 160989
Ion Ratio Lower Upper
330 100
332 97.8 77.1 115.7
141 39.8 23.4 35.2#





#45
2-Fluorobiphenyl
Concen: 70.51 ng
RT: 13.028 min Scan# 1673
Delta R.T. 0.000 min
Lab File: BP004827.D
Acq: 19 Feb 2021 17:56

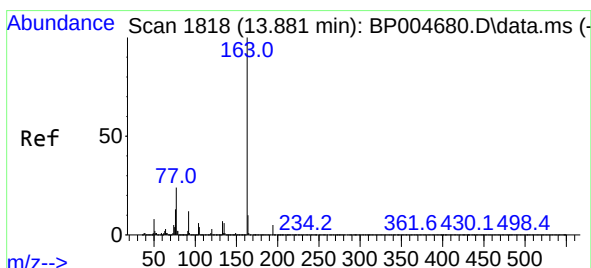
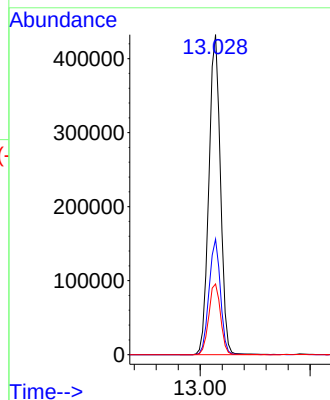
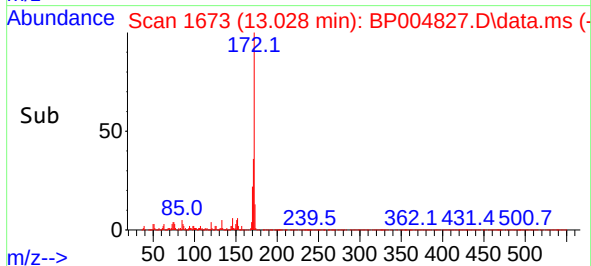
Instrument :
BNA_P
ClientSampleId :
SP-227-233-B



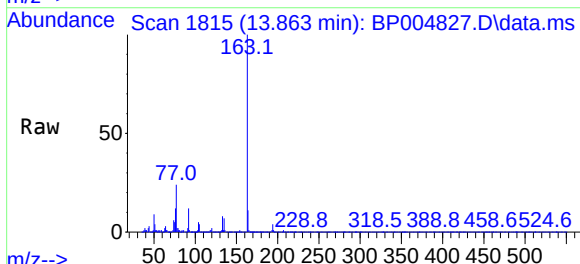
Tgt Ion:172 Resp: 629011
Ion Ratio Lower Upper
172 100
171 36.1 28.5 42.7
170 22.1 19.2 28.8

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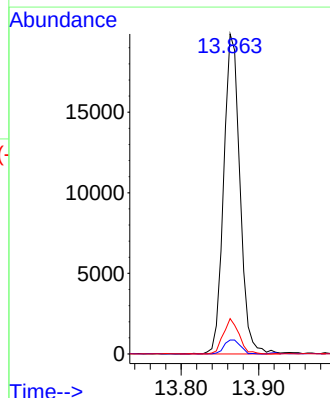
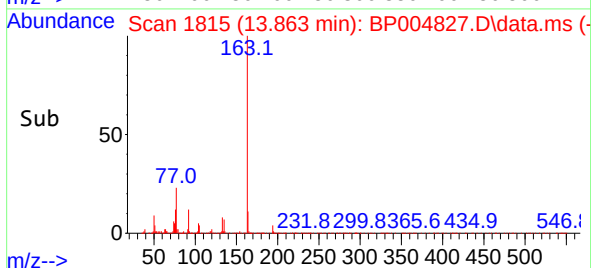
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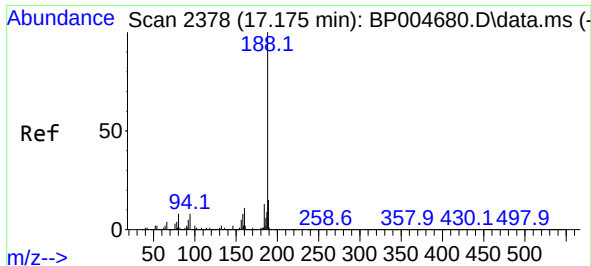


#50
Dimethylphthalate
Concen: 3.02 ng
RT: 13.863 min Scan# 1815
Delta R.T. -0.011 min
Lab File: BP004827.D
Acq: 19 Feb 2021 17:56



Tgt Ion:163 Resp: 28960
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 11.0 8.2 12.2





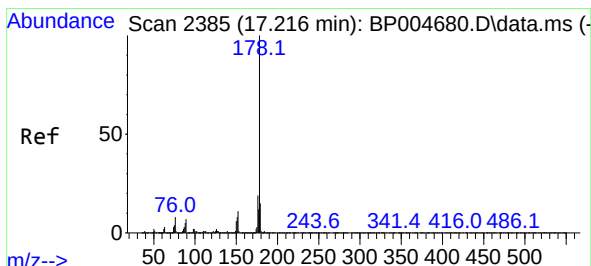
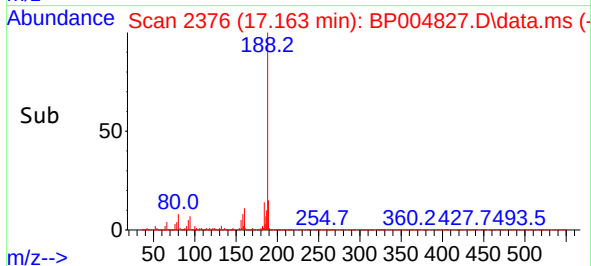
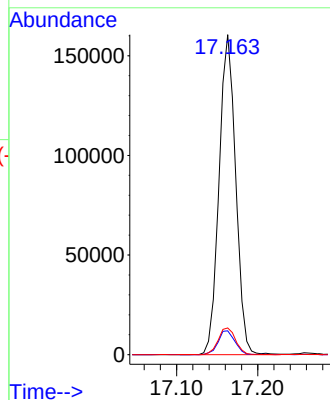
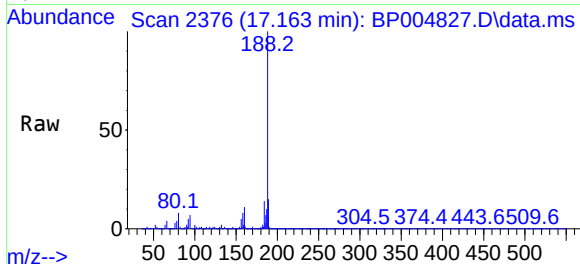
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Phenanthrene-d10
Concen: 20.00 ng
RT: 17.163 min Scan# 2376
Delta R.T. 0.000 min
Lab File: BP004827.D
Acq: 19 Feb 2021 17:56

Tgt Ion:188 Resp: 229099
Ion Ratio Lower Upper
188 100
94 7.4 6.2 9.2
80 8.4 6.2 9.2

Instrument :
BNA_P
ClientSampleId :
SP-227-233-B

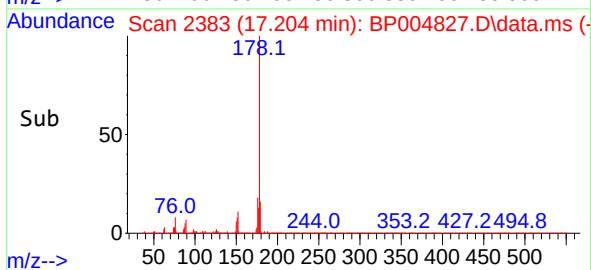
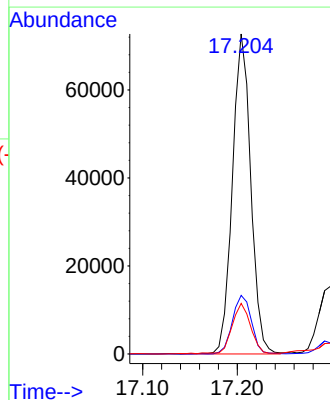
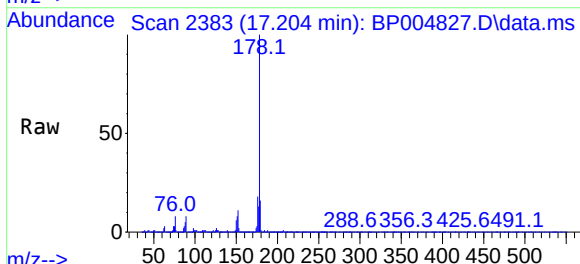
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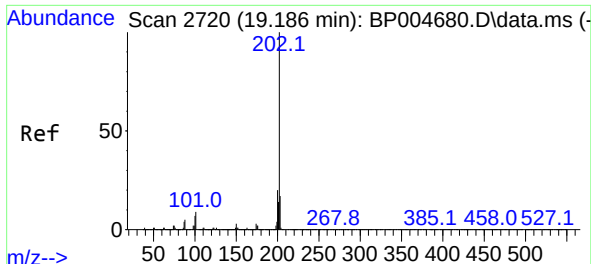
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#71
Phenanthrene
Concen: 6.98 ng
RT: 17.204 min Scan# 2383
Delta R.T. -0.006 min
Lab File: BP004827.D
Acq: 19 Feb 2021 17:56

Tgt Ion:178 Resp: 97855
Ion Ratio Lower Upper
178 100
176 18.3 15.3 22.9
179 15.8 12.5 18.7





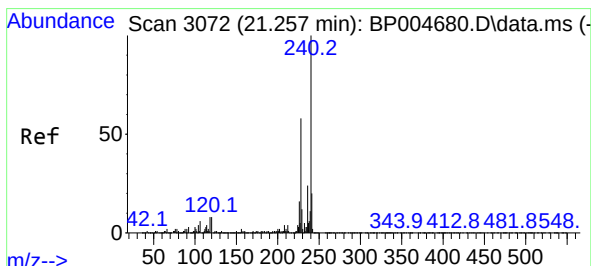
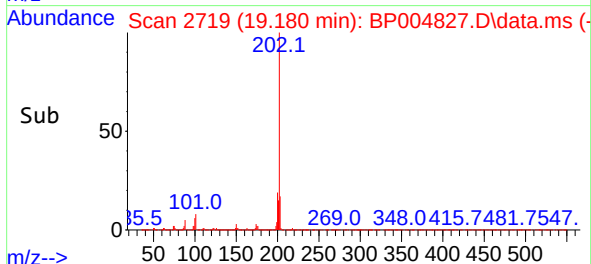
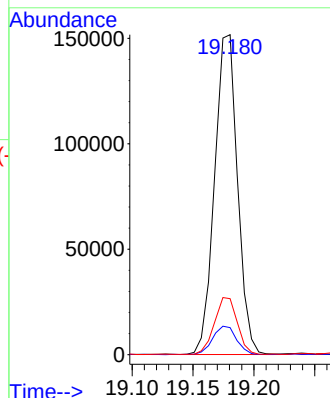
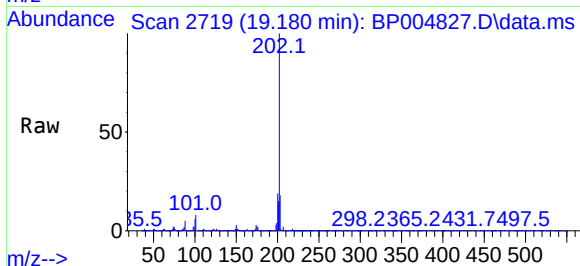
#75
Fluoranthene
Concen: 11.89 ng
RT: 19.180 min Scan# 2719
Delta R.T. 0.000 min
Lab File: BP004827.D
Acq: 19 Feb 2021 17:56

Tgt Ion:	202	Resp:	198705
Ion Ratio	Lower	Upper	
202	100		
101	8.4	0.0	29.4
203	17.5	0.0	37.8

Instrument :
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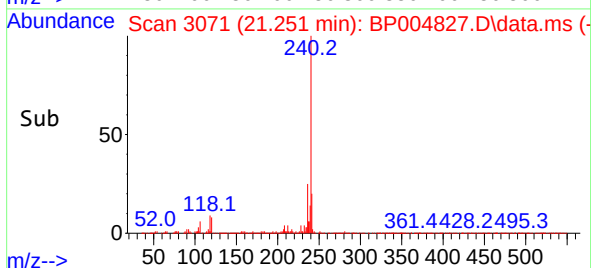
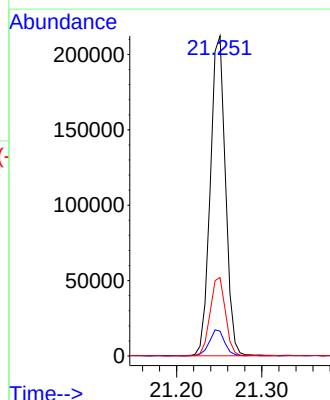
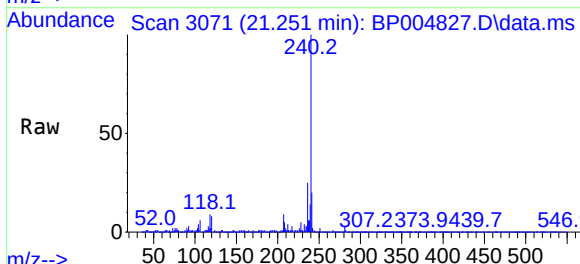
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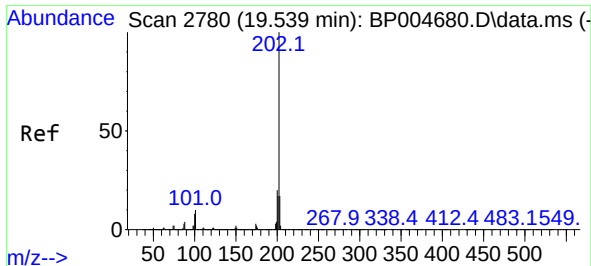
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.251 min Scan# 3071
Delta R.T. 0.000 min
Lab File: BP004827.D
Acq: 19 Feb 2021 17:56

Tgt Ion:	240	Resp:	263234
Ion Ratio	Lower	Upper	
240	100		
120	7.8	7.8	11.6#
236	24.5	20.8	31.2





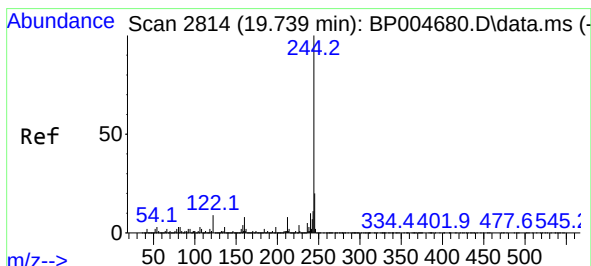
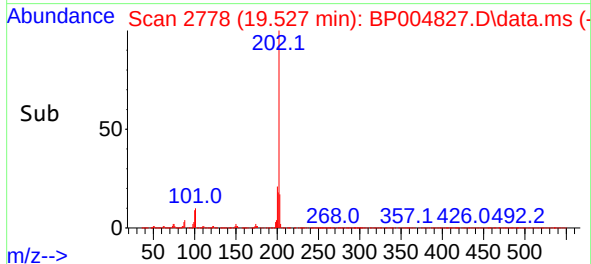
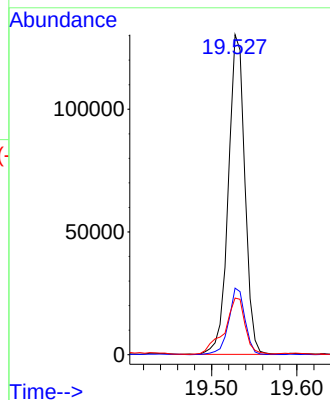
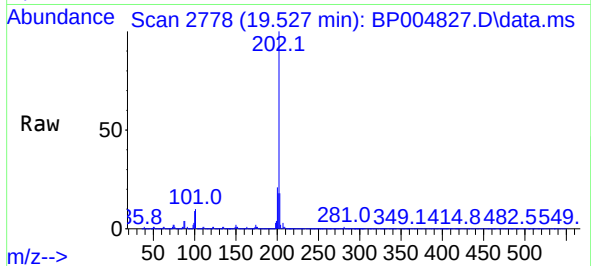
#78
Pyrene
Concen: 9.43 ng
RT: 19.527 min Scan# 2778
Delta R.T. -0.006 min
Lab File: BP004827.D
Acq: 19 Feb 2021 17:56

Tgt Ion:	202	Resp:	175059
Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.1	25.7
203	17.7	14.2	21.2

Instrument :
BNA_P
ClientSampleId :
SP-227-233-B

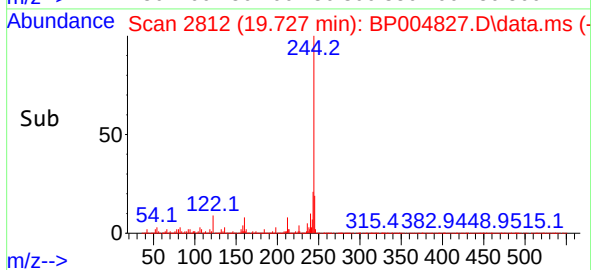
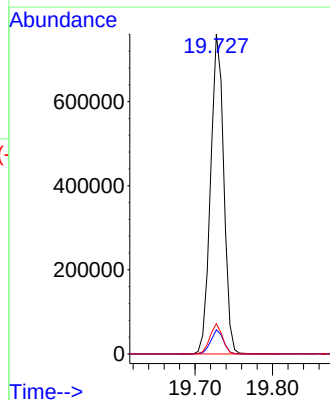
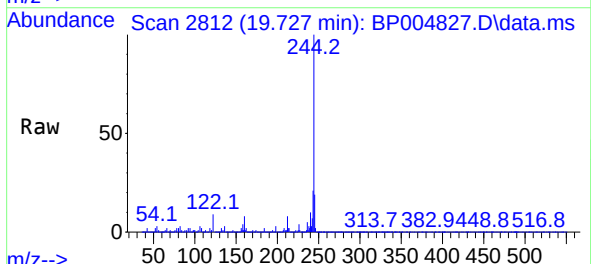
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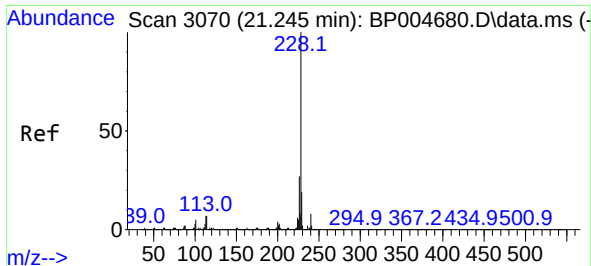
mohammad
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#79
Terphenyl-d14
Concen: 57.40 ng
RT: 19.727 min Scan# 2812
Delta R.T. -0.006 min
Lab File: BP004827.D
Acq: 19 Feb 2021 17:56

Tgt Ion:	244	Resp:	899525
Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.6
122	9.5	7.8	11.8





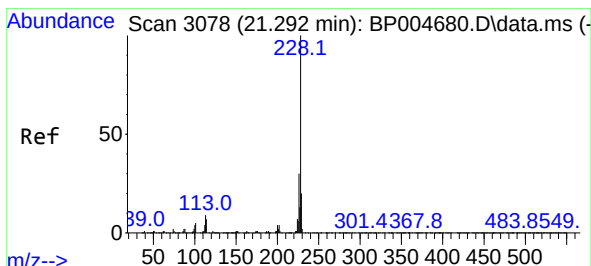
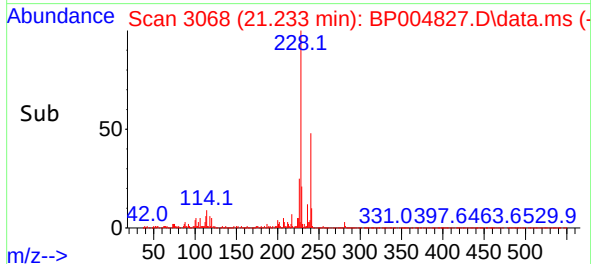
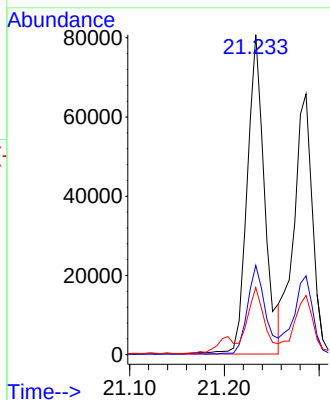
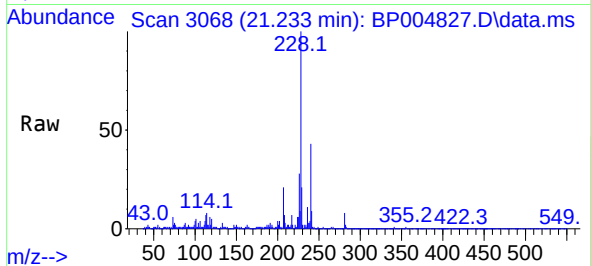
#81
Benzo(a)anthracene
Concen: 5.54 ng
RT: 21.233 min Scan# 3068
Delta R.T. -0.006 min
Lab File: BP004827.D
Acq: 19 Feb 2021 17:56

Tgt Ion:228 Resp: 103436
Ion Ratio Lower Upper
228 100
226 27.9 22.1 33.1
229 21.0 15.9 23.9

Instrument :
BNA_P
ClientSampled :
SP-227-233-B

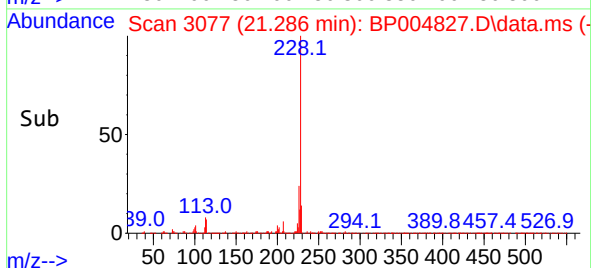
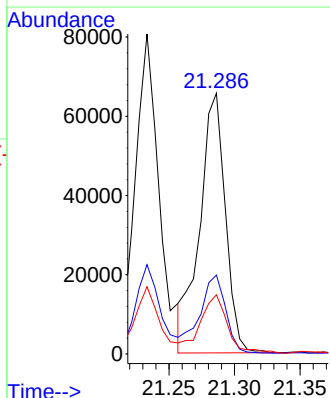
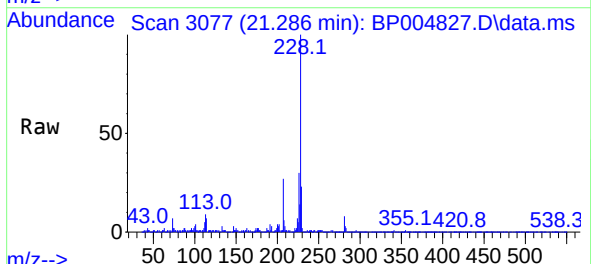
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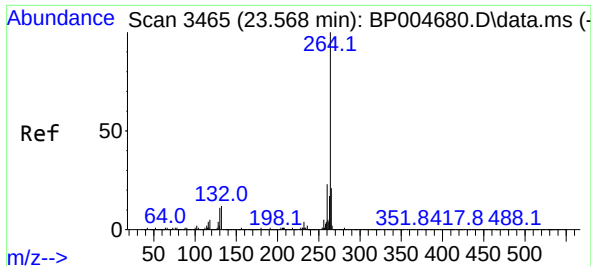
mohammad
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#83
Chrysene
Concen: 4.96 ng
RT: 21.286 min Scan# 3077
Delta R.T. 0.000 min
Lab File: BP004827.D
Acq: 19 Feb 2021 17:56

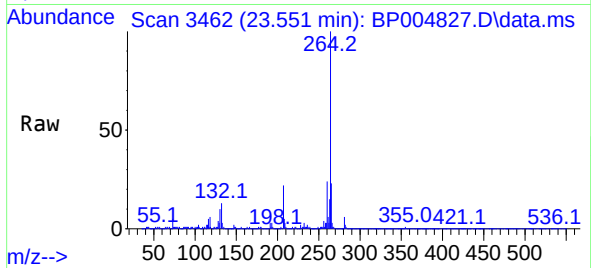
Tgt Ion:228 Resp: 89620
Ion Ratio Lower Upper
228 100
226 30.2 24.4 36.6
229 22.7 15.8 23.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.551 min Scan# 3462
Delta R.T. -0.006 min
Lab File: BP004827.D
Acq: 19 Feb 2021 17:56

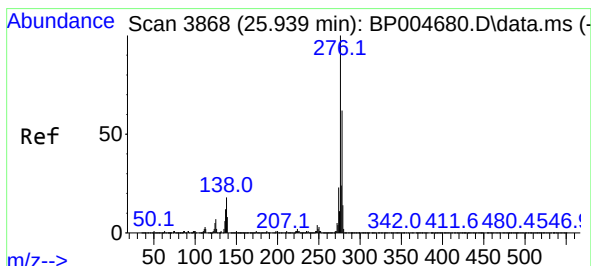
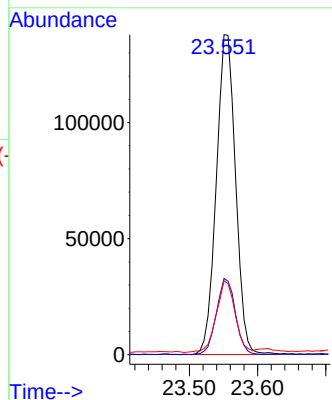
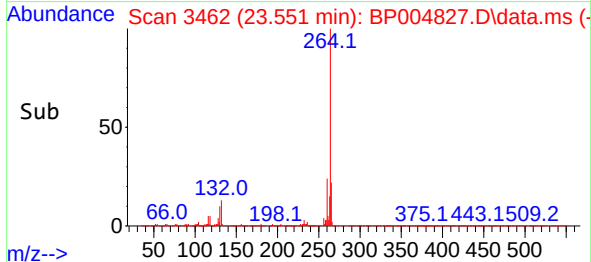
Instrument :
BNA_P
ClientSampled :
SP-227-233-B



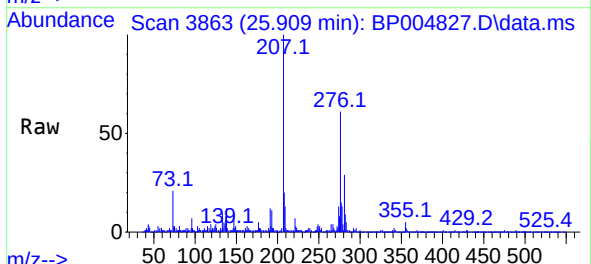
Tgt Ion:264 Resp: 270686
Ion Ratio Lower Upper
264 100
260 23.8 18.8 28.2
265 23.1 17.4 26.2

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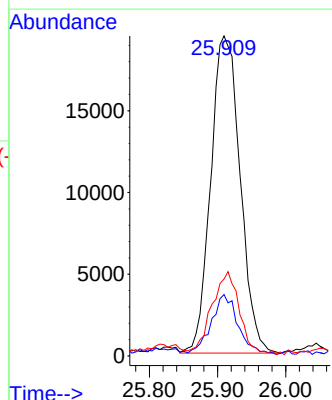
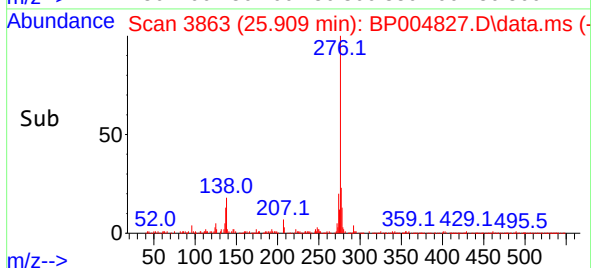
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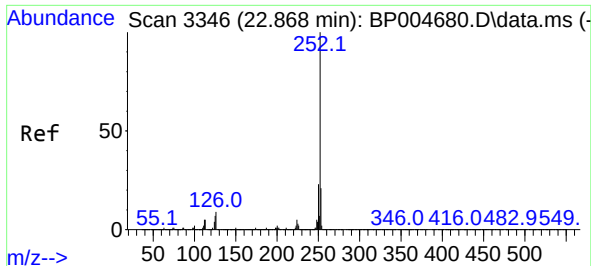


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.70 ng
RT: 25.909 min Scan# 3863
Delta R.T. -0.017 min
Lab File: BP004827.D
Acq: 19 Feb 2021 17:56



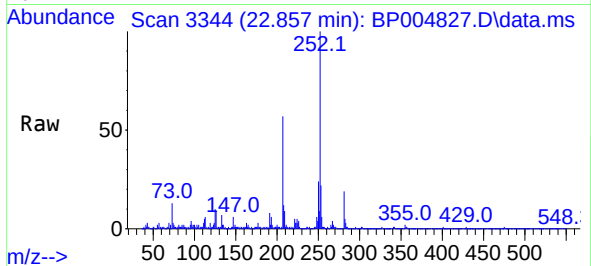
Tgt Ion:276 Resp: 58272
Ion Ratio Lower Upper
276 100
138 17.4 18.7 28.1#
277 24.8 20.4 30.6





#88
Benzo(b)fluoranthene
Concen: 6.25 ng
RT: 22.857 min Scan# 3344
Delta R.T. 0.000 min
Lab File: BP004827.D
Acq: 19 Feb 2021 17:56

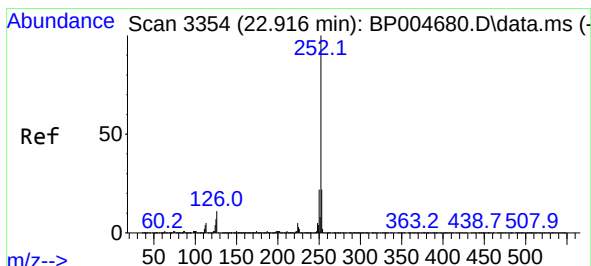
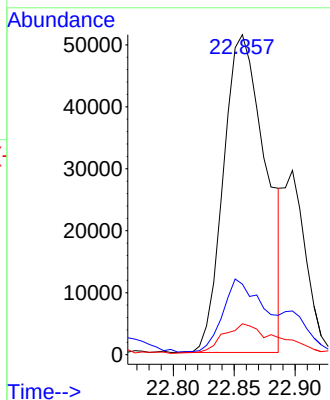
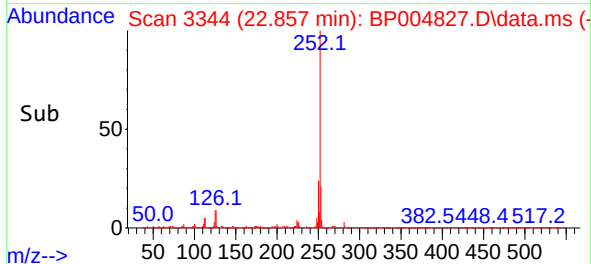
Instrument :
BNA_P
ClientSampled :
SP-227-233-B



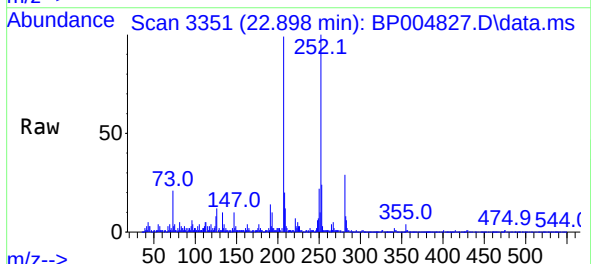
Tgt Ion:252 Resp: 123928
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 9.6 7.3 10.9

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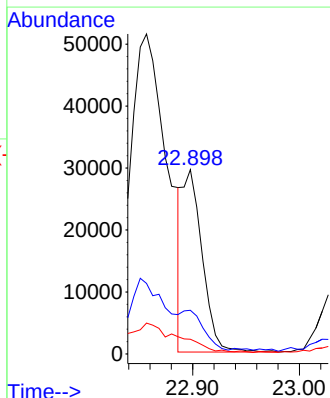
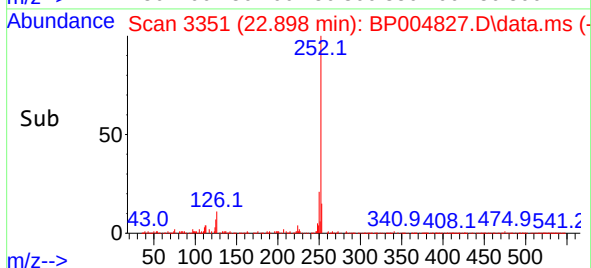
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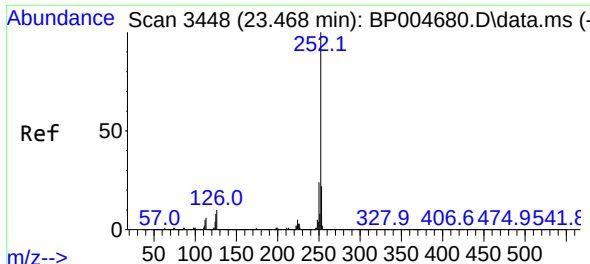


#89
Benzo(k)fluoranthene
Concen: 2.00 ng m
RT: 22.898 min Scan# 3351
Delta R.T. -0.006 min
Lab File: BP004827.D
Acq: 19 Feb 2021 17:56



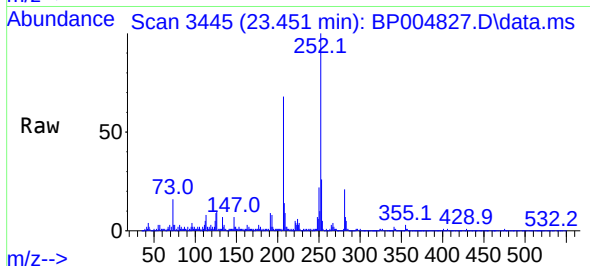
Tgt Ion:252 Resp: 38073
Ion Ratio Lower Upper
252 100
253 23.7 17.8 26.8
125 8.0 7.4 11.2





#90
Benzo(a)pyrene
Concen: 4.78 ng
RT: 23.451 min Scan# 3445
Delta R.T. -0.006 min
Lab File: BP004827.D
Acq: 19 Feb 2021 17:56

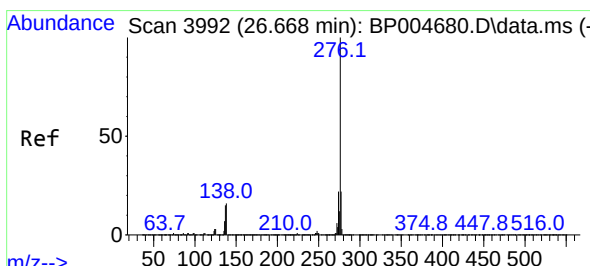
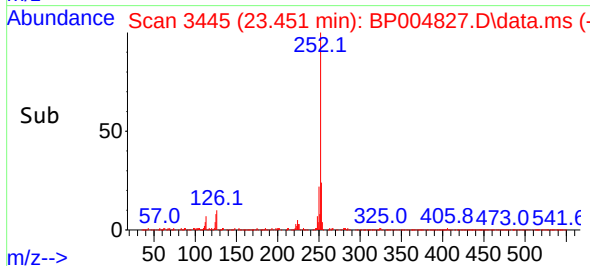
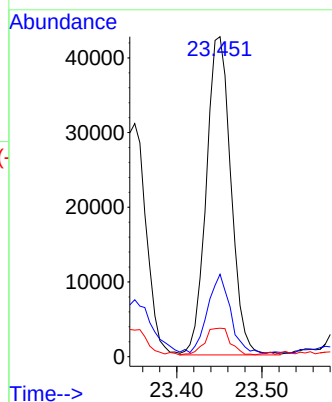
Instrument :
BNA_P
ClientSampleId :
SP-227-233-B



Tgt Ion:252 Resp: 85659
Ion Ratio Lower Upper
252 100
253 25.8 17.4 26.0
125 8.9 8.2 12.4

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#92
Benzo(g,h,i)perylene
Concen: 3.20 ng
RT: 26.639 min Scan# 3987
Delta R.T. -0.011 min
Lab File: BP004827.D
Acq: 19 Feb 2021 17:56

Tgt Ion:276 Resp: 55388
Ion Ratio Lower Upper
276 100
277 25.5 19.0 28.6
138 12.8 16.6 24.8#

