

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060321\
 Data File : BP005694.D
 Acq On : 03 Jun 2021 19:14
 Operator : CG/JU
 Sample : M2591-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 S-1

Manual Integrations
 APPROVED

mohammad
 6/4/2021 9:34:45 AM

Quant Time: Jun 04 01:04:08 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 27 16:11:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.981	152	174049	20.00	ng	-0.01
21) Naphthalene-d8	10.793	136	666665	20.00	ng	0.00
39) Acenaphthene-d10	14.604	164	403528	20.00	ng	0.00
64) Phenanthrene-d10	17.351	188	812087	20.00	ng	# 0.00
76) Chrysene-d12	21.416	240	877013	20.00	ng	# 0.00
86) Perylene-d12	23.857	264	1019269	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	636142	56.82	ng	0.00
7) Phenol-d6	7.140	99	788511	51.67	ng	0.00
23) Nitrobenzene-d5	9.146	82	502434	41.91	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	339001	65.51	ng	0.00
45) 2-Fluorobiphenyl	13.234	172	1129957	37.06	ng	0.00
79) Terphenyl-d14	19.892	244	1621407	34.69	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.392	178	821648	16.24	ng	99
72) Anthracene	17.481	178	116353	2.33	ng	98
75) Fluoranthene	19.345	202	1365615	22.49	ng	96
78) Pyrene	19.698	202	1189037	19.21	ng	99
81) Benzo(a)anthracene	21.398	228	585188	9.09	ng	97
83) Chrysene	21.451	228	628689	10.09	ng	97
87) Indeno(1,2,3-cd)pyrene	26.415	276	449568	5.18	ng	# 93
88) Benzo(b)fluoranthene	23.110	252	843464	11.41	ng	# 97
89) Benzo(k)fluoranthene	23.151	252	299900m	4.28	ng	
90) Benzo(a)pyrene	23.745	252	601666	8.94	ng	# 95
92) Benzo(g,h,i)perylene	27.204	276	419119	5.77	ng	# 91

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

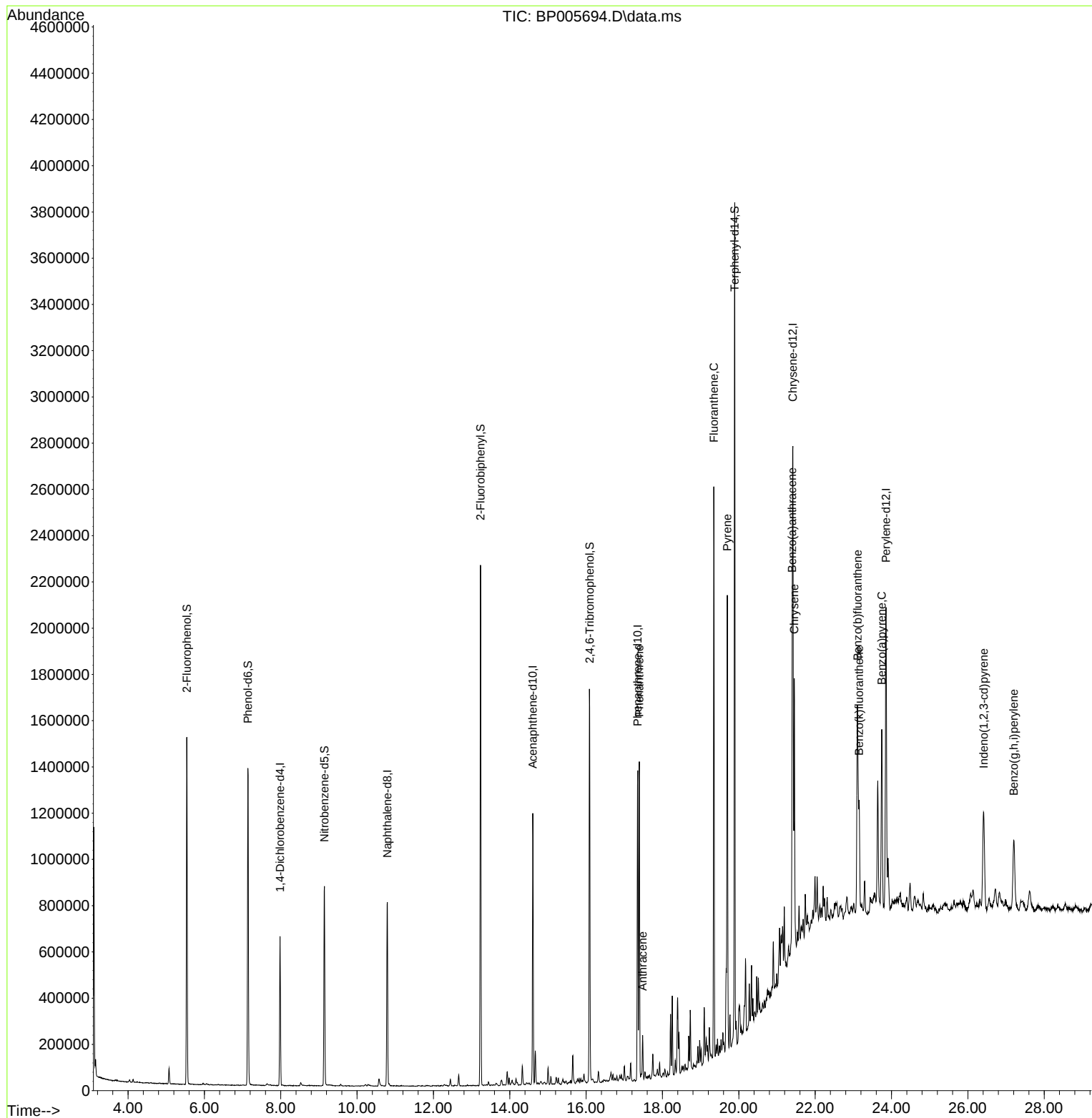
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060321\
Data File : BP005694.D
Acq On : 03 Jun 2021 19:14
Operator : CG/JU
Sample : M2591-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

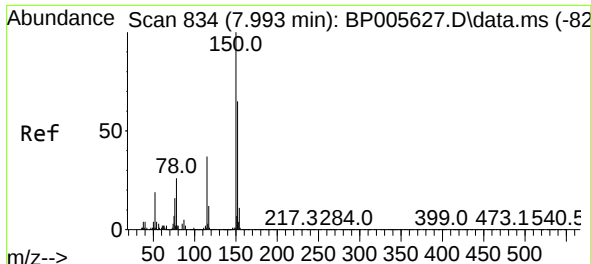
Instrument :
BNA_P
ClientSampled :
S-1

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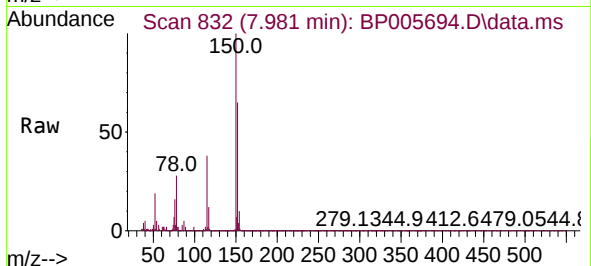
mohammad
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Quant Time: Jun 04 01:04:08 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 27 16:11:11 2021
Response via : Initial Calibration

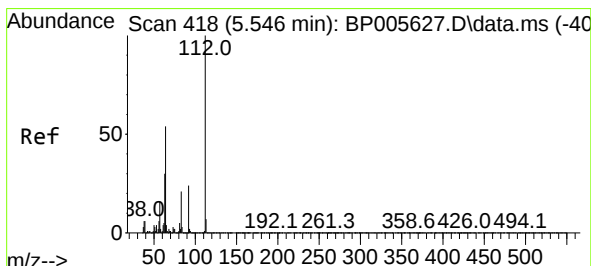
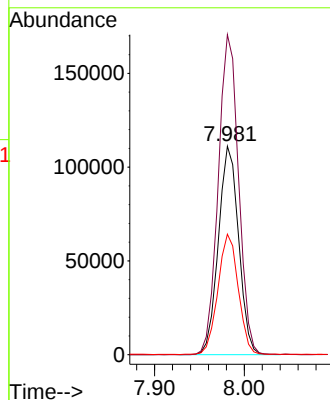
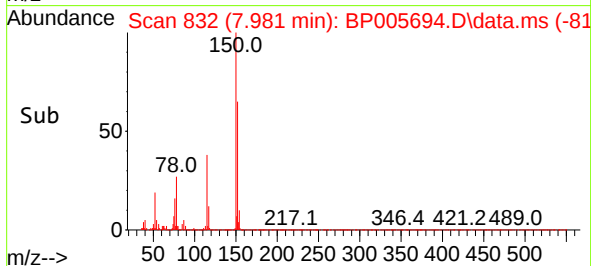




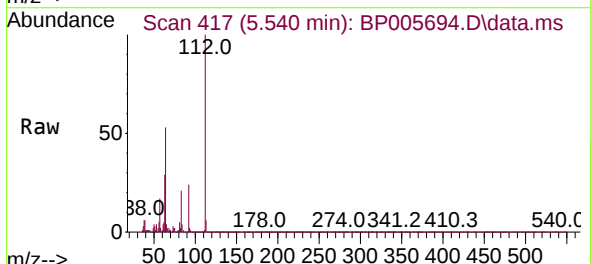
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.981 min Scan# 832
Delta R.T. -0.012 min
Lab File: BP005694.D
Acq: 03 Jun 2021 19:14



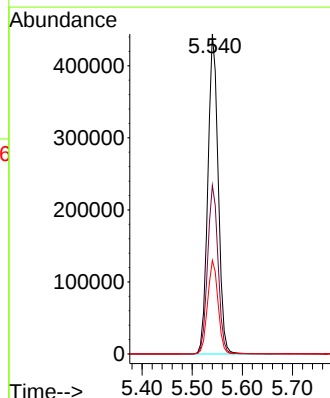
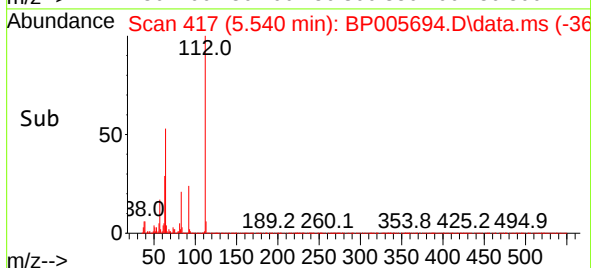
Tgt Ion:152 Resp: 174049
Ion Ratio Lower Upper
152 100
150 153.5 119.8 179.8
115 57.8 49.0 73.4



#5
2-Fluorophenol
Concen: 56.82 ng
RT: 5.540 min Scan# 417
Delta R.T. -0.006 min
Lab File: BP005694.D
Acq: 03 Jun 2021 19:14



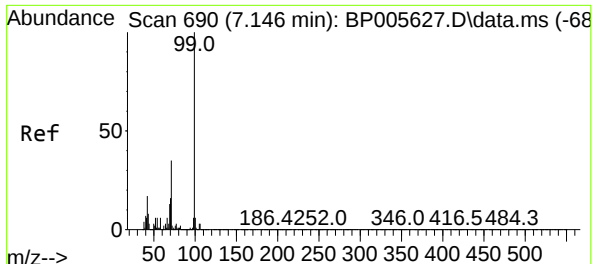
Tgt Ion:112 Resp: 636142
Ion Ratio Lower Upper
112 100
64 52.7 33.6 50.4#
63 29.2 18.6 27.8#



Instrument :
BNA_P
ClientSampled :
S-1

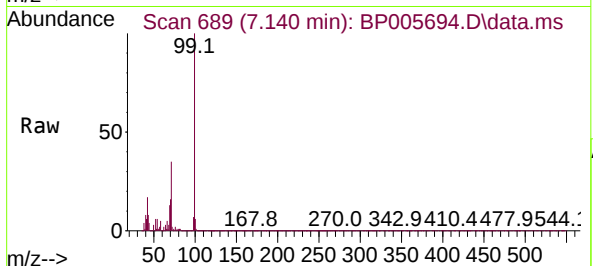
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#7
Phenol-d6
Concen: 51.67 ng
RT: 7.140 min Scan# 689
Delta R.T. -0.006 min
Lab File: BP005694.D
Acq: 03 Jun 2021 19:14

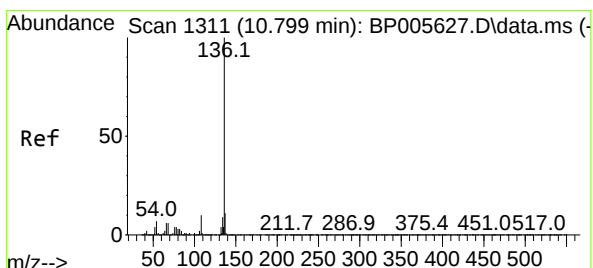
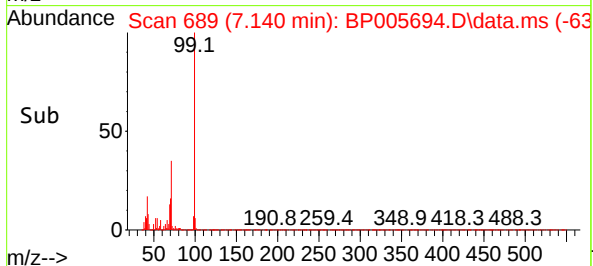
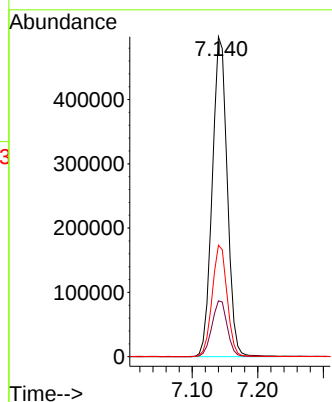
Instrument :
BNA_P
ClientSampled :
S-1



Tgt Ion: 99 Resp: 788511
Ion Ratio Lower Upper
99 100
42 17.5 12.9 19.3
71 34.8 26.7 40.1

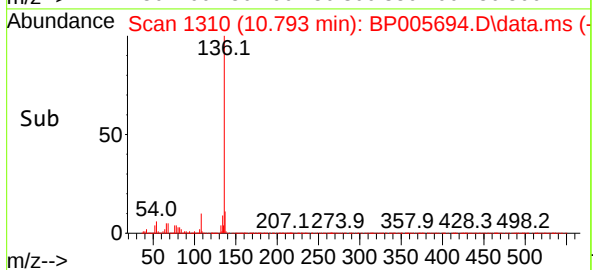
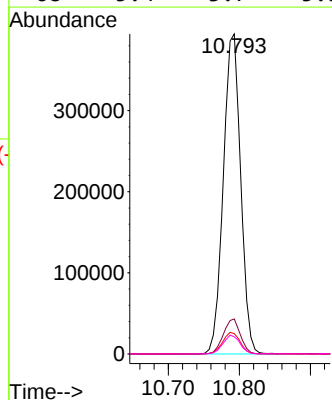
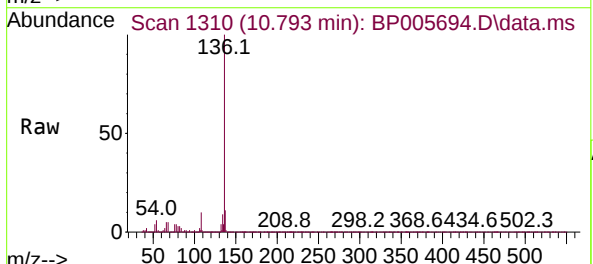
Manual Integrations
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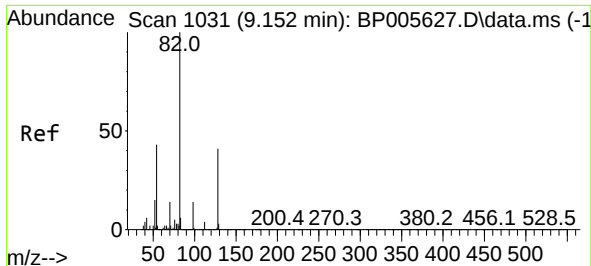
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.793 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BP005694.D
Acq: 03 Jun 2021 19:14

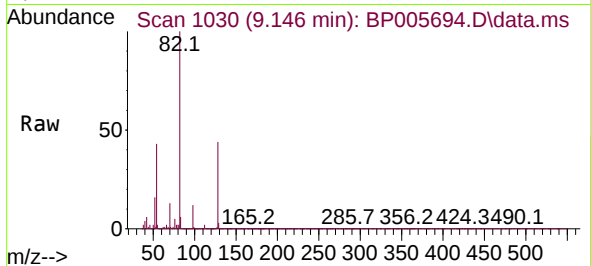
Tgt Ion: 136 Resp: 666665
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 6.4 5.0 7.4
68 5.4 3.7 5.5





#23
Nitrobenzene-d5
Concen: 41.91 ng
RT: 9.146 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BP005694.D
Acq: 03 Jun 2021 19:14

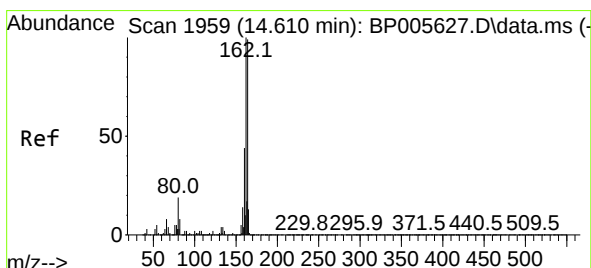
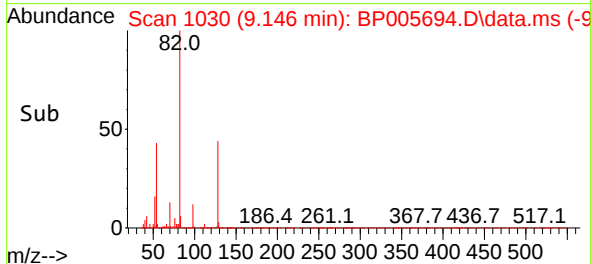
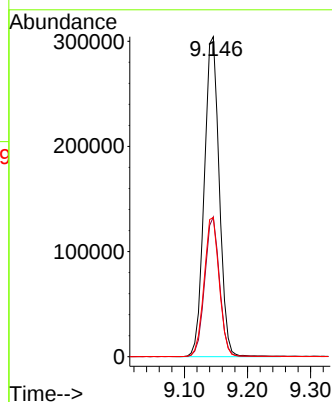
Instrument :
BNA_P
ClientSampled :
S-1



Tgt Ion: 82 Resp: 502434
Ion Ratio Lower Upper
82 100
128 43.7 30.5 45.7
54 43.5 33.9 50.9

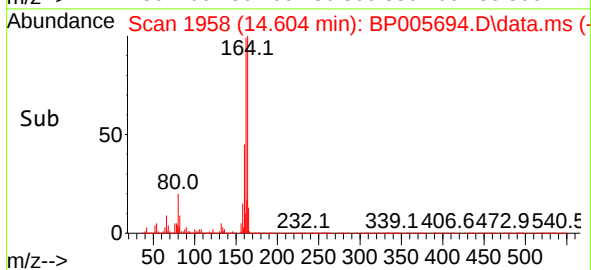
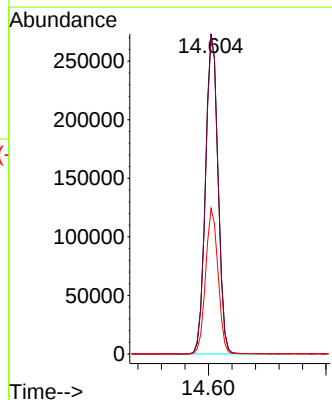
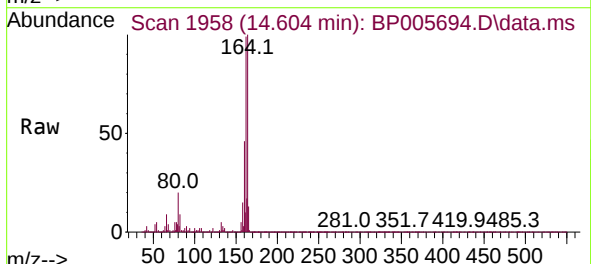
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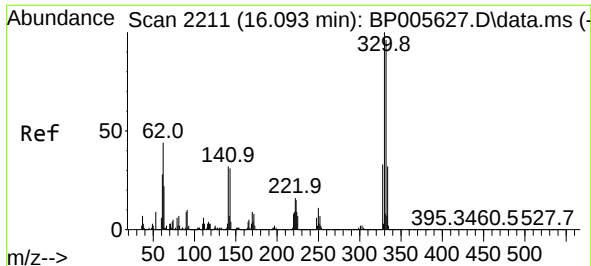
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BP005694.D
Acq: 03 Jun 2021 19:14

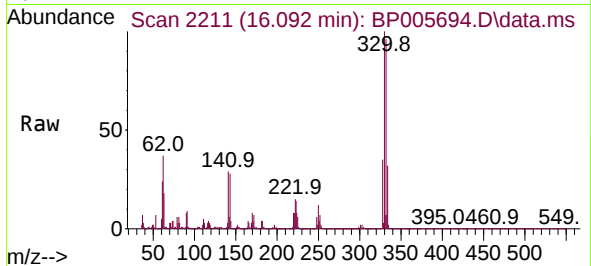
Tgt Ion: 164 Resp: 403528
Ion Ratio Lower Upper
164 100
162 99.2 73.5 110.3
160 45.5 40.6 61.0





#42
2,4,6-Tribromophenol
Concen: 65.51 ng
RT: 16.092 min Scan# 2211
Delta R.T. -0.000 min
Lab File: BP005694.D
Acq: 03 Jun 2021 19:14

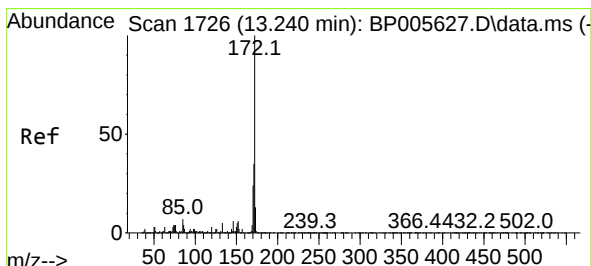
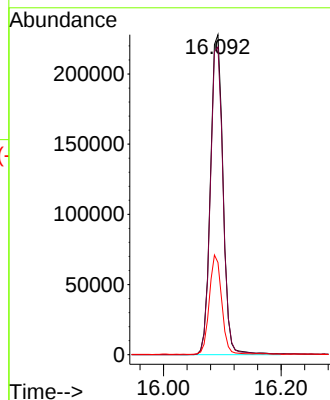
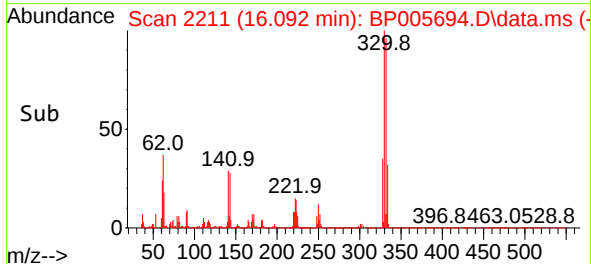
Instrument :
BNA_P
ClientSampled :
S-1



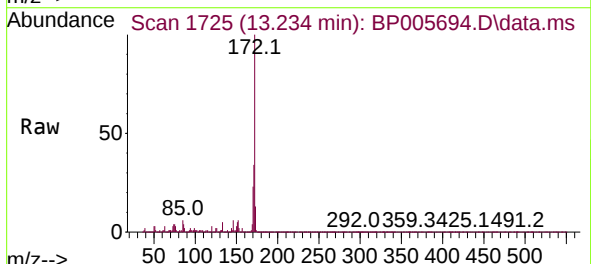
Tgt Ion:330 Resp: 339001
Ion Ratio Lower Upper
330 100
332 97.0 76.3 114.5
141 30.4 22.8 34.2

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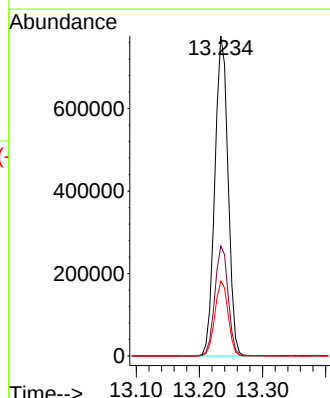
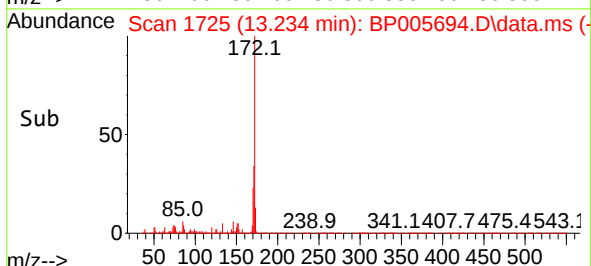
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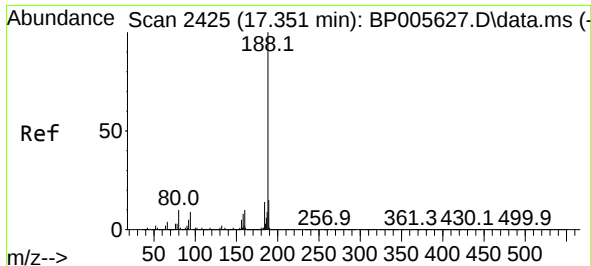


#45
2-Fluorobiphenyl
Concen: 37.06 ng
RT: 13.234 min Scan# 1725
Delta R.T. -0.006 min
Lab File: BP005694.D
Acq: 03 Jun 2021 19:14



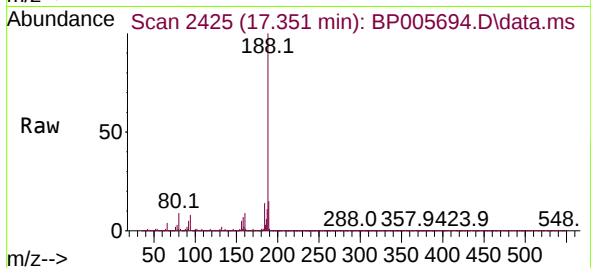
Tgt Ion:172 Resp: 1129957
Ion Ratio Lower Upper
172 100
171 34.3 28.1 42.1
170 23.4 19.6 29.4





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.351 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP005694.D
Acq: 03 Jun 2021 19:14

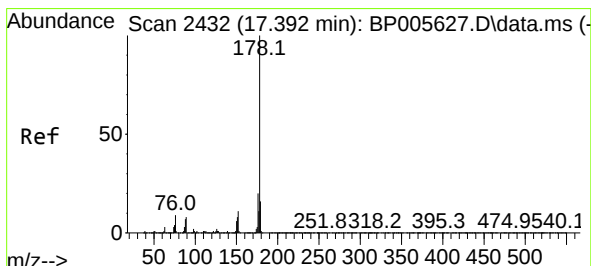
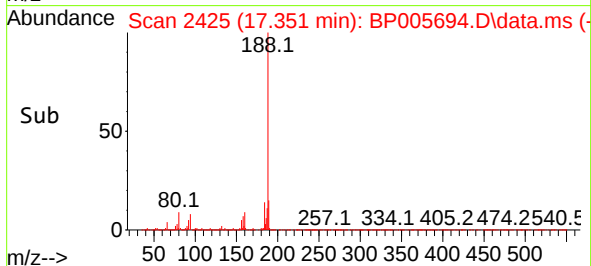
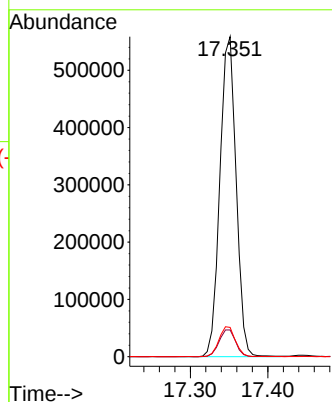
Instrument :
BNA_P
ClientSampled :
S-1



Tgt Ion:188 Resp: 812087
Ion Ratio Lower Upper
188 100
94 8.3 5.0 7.6#
80 9.1 5.9 8.9#

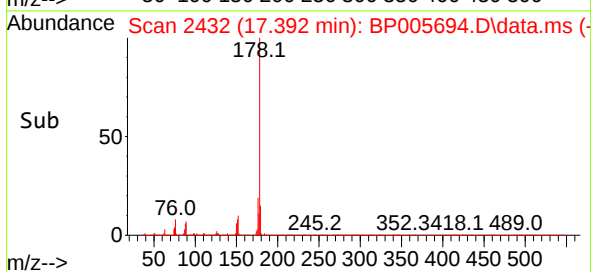
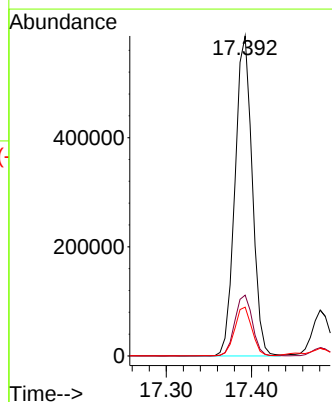
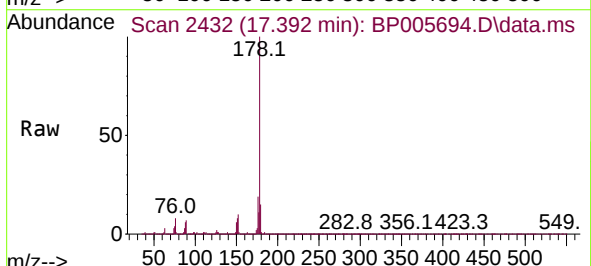
Manual Integrations
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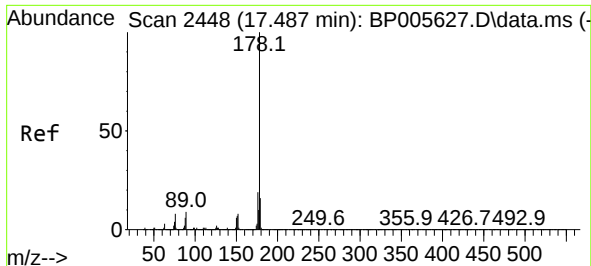
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#71
Phenanthrene
Concen: 16.24 ng
RT: 17.392 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BP005694.D
Acq: 03 Jun 2021 19:14

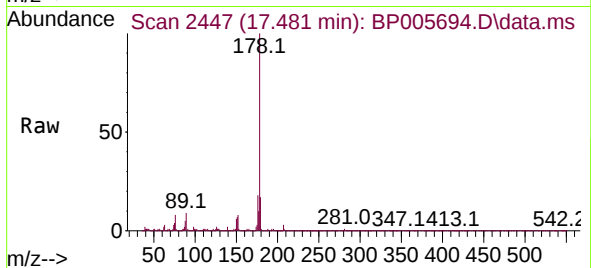
Tgt Ion:178 Resp: 821648
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.3 12.3 18.5





#72
 Anthracene
 Concen: 2.33 ng
 RT: 17.481 min Scan# 2447
 Delta R.T. -0.006 min
 Lab File: BP005694.D
 Acq: 03 Jun 2021 19:14

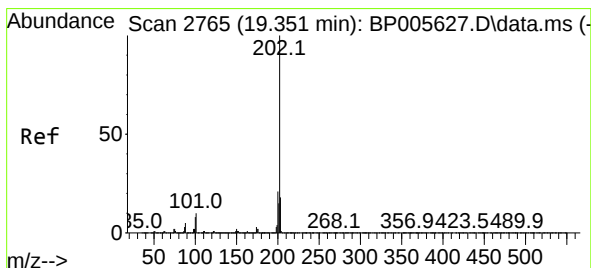
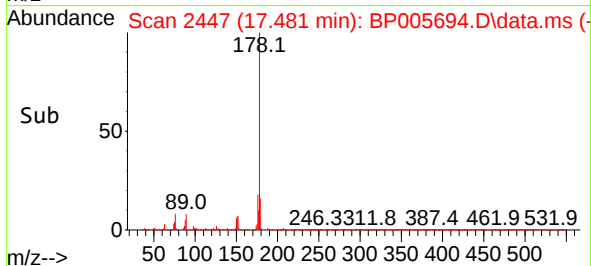
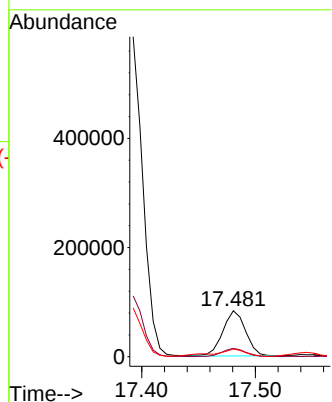
Instrument :
 BNA_P
 ClientSampled :
 S-1



Tgt Ion:178 Resp: 116353
 Ion Ratio Lower Upper
 178 100
 176 18.0 15.2 22.8
 179 16.7 12.6 19.0

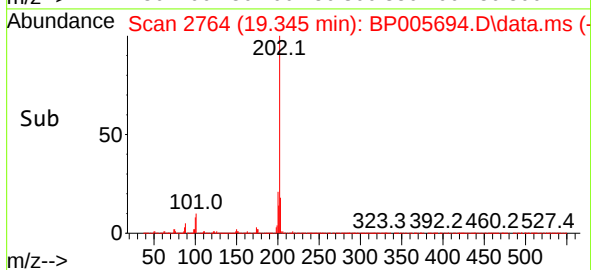
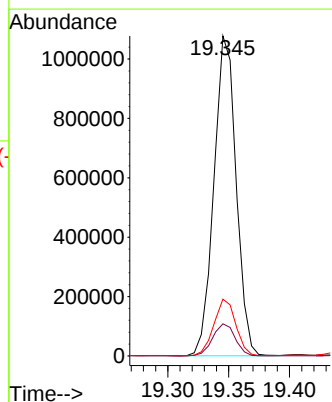
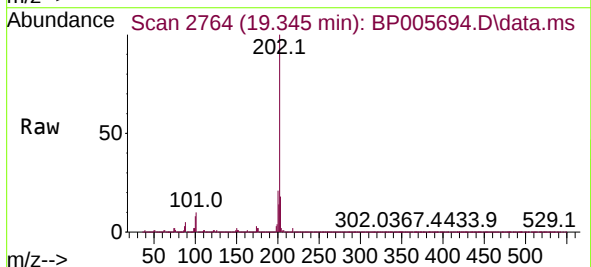
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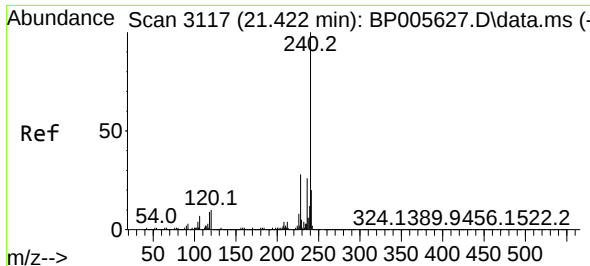
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#75
 Fluoranthene
 Concen: 22.49 ng
 RT: 19.345 min Scan# 2764
 Delta R.T. -0.006 min
 Lab File: BP005694.D
 Acq: 03 Jun 2021 19:14

Tgt Ion:202 Resp: 1365615
 Ion Ratio Lower Upper
 202 100
 101 10.1 0.0 26.1
 203 17.8 0.0 37.2





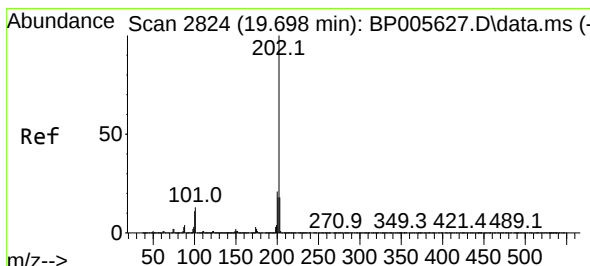
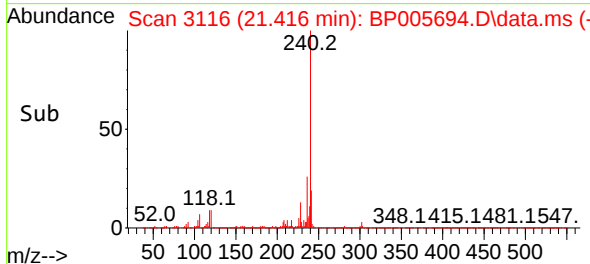
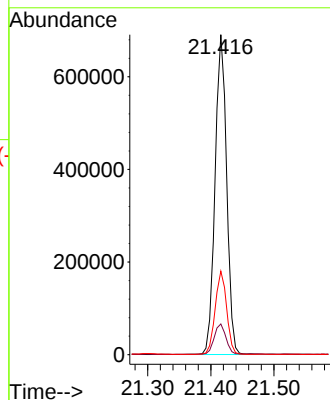
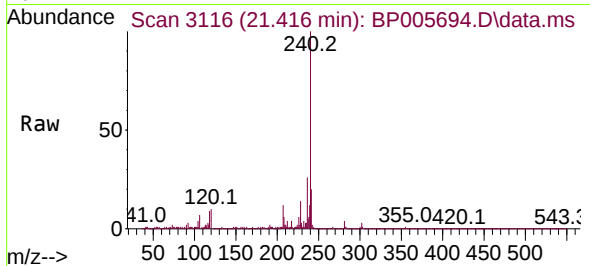
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.416 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BP005694.D
Acq: 03 Jun 2021 19:14

Tgt Ion:240 Resp: 877013
Ion Ratio Lower Upper
240 100
120 9.6 4.2 6.2#
236 26.1 20.2 30.2

Instrument :
BNA_P
ClientSampled :
S-1

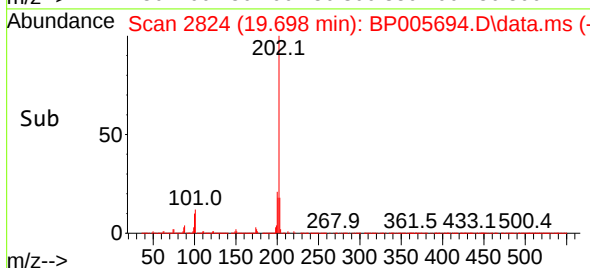
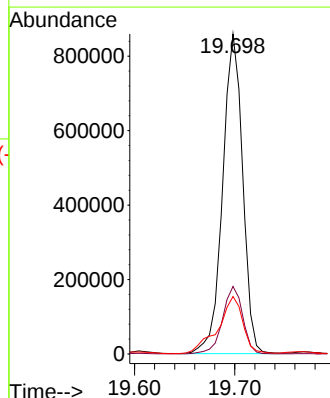
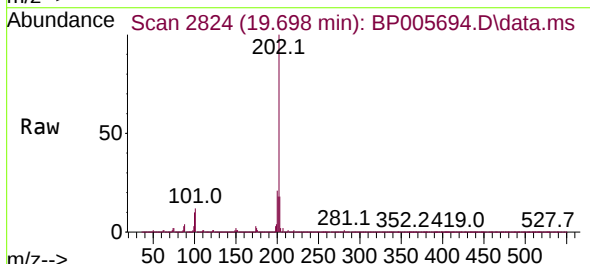
Manual Integrations
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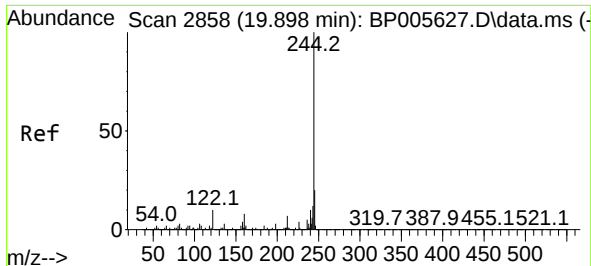
mohammad
6/4/2021 9:34:45 AM



#78
Pyrene
Concen: 19.21 ng
RT: 19.698 min Scan# 2824
Delta R.T. -0.000 min
Lab File: BP005694.D
Acq: 03 Jun 2021 19:14

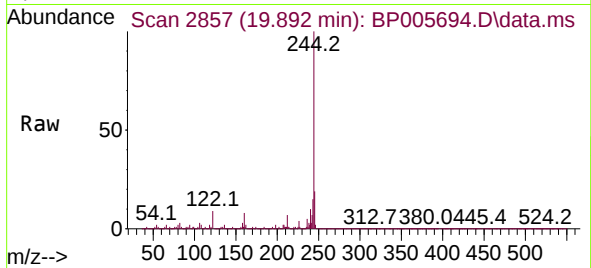
Tgt Ion:202 Resp: 1189037
Ion Ratio Lower Upper
202 100
200 21.1 16.9 25.3
203 17.9 13.8 20.6





#79
Terphenyl-d14
Concen: 34.69 ng
RT: 19.892 min Scan# 2857
Delta R.T. -0.006 min
Lab File: BP005694.D
Acq: 03 Jun 2021 19:14

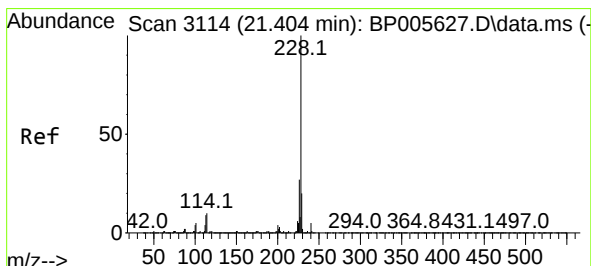
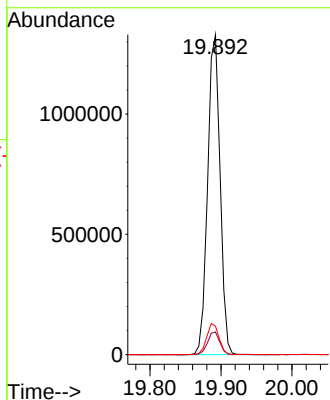
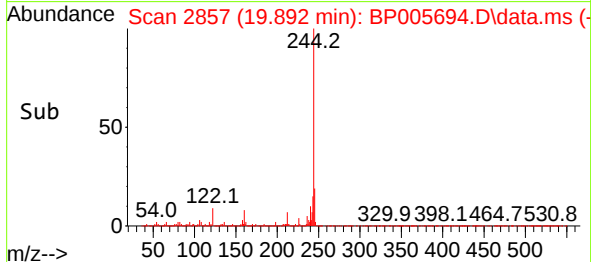
Instrument :
BNA_P
ClientSampled :
S-1



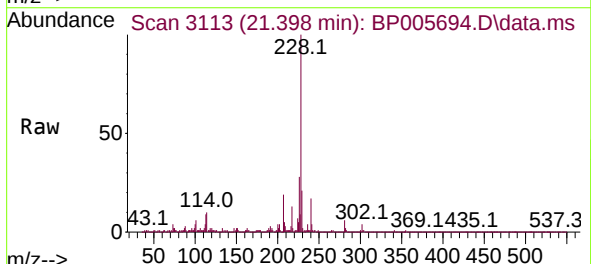
Tgt Ion:244 Resp: 1621407
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 8.9 5.2 7.8#

Manual Integrations
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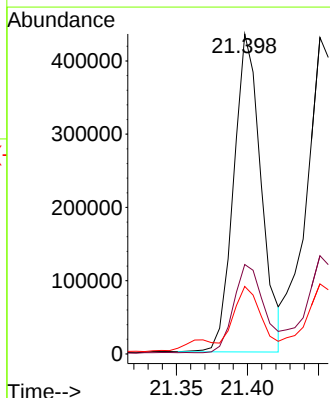
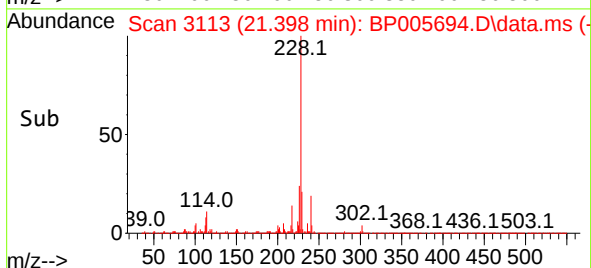
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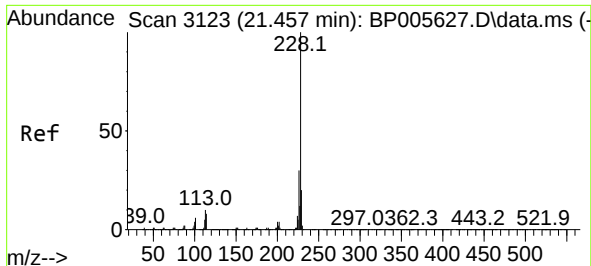


#81
Benzo(a)anthracene
Concen: 9.09 ng
RT: 21.398 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BP005694.D
Acq: 03 Jun 2021 19:14

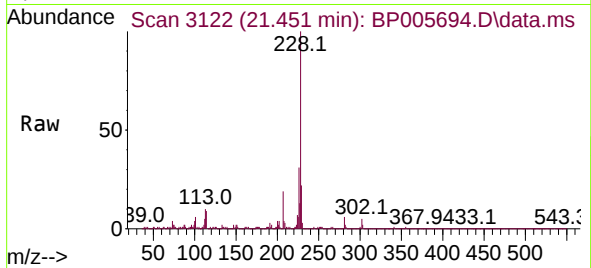


Tgt Ion:228 Resp: 585188
Ion Ratio Lower Upper
228 100
226 28.0 21.2 31.8
229 21.1 15.6 23.4

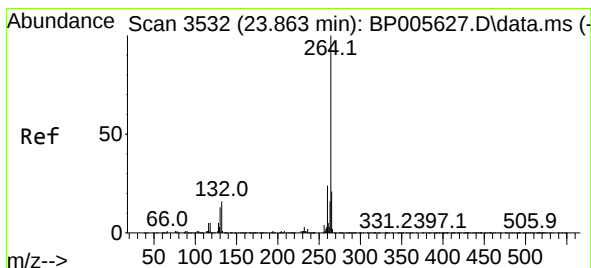
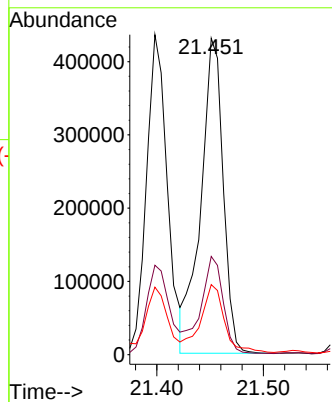
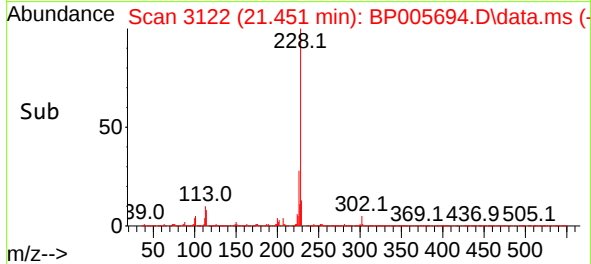




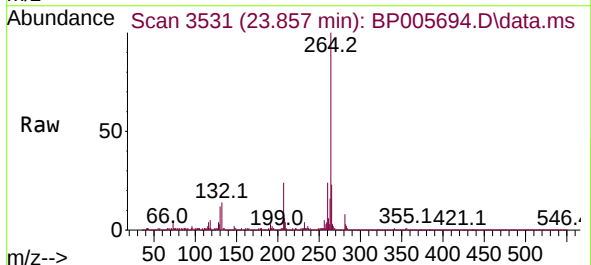
#83
Chrysene
Concen: 10.09 ng
RT: 21.451 min Scan# 3122
Delta R.T. -0.006 min
Lab File: BP005694.D
Acq: 03 Jun 2021 19:14



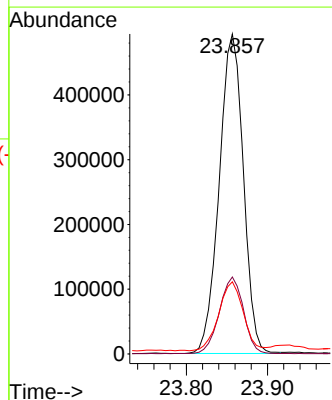
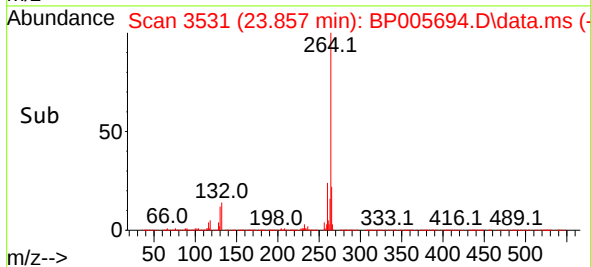
Tgt Ion:228 Resp: 628689
Ion Ratio Lower Upper
228 100
226 31.0 24.8 37.2
229 22.2 15.4 23.0



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.857 min Scan# 3531
Delta R.T. -0.006 min
Lab File: BP005694.D
Acq: 03 Jun 2021 19:14



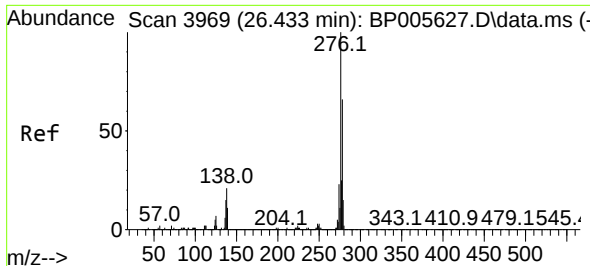
Tgt Ion:264 Resp: 1019269
Ion Ratio Lower Upper
264 100
260 24.0 20.6 30.8
265 22.6 19.0 28.6



Instrument :
BNA_P
ClientSampled :
S-1

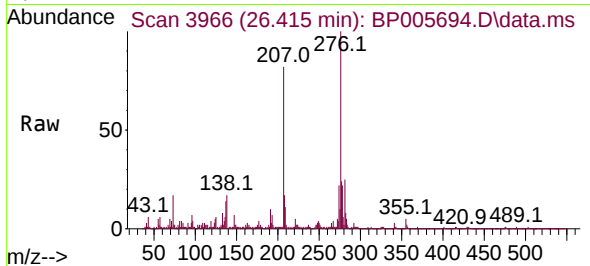
Manual Integrations
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#87
Indeno(1,2,3-cd)pyrene
Concen: 5.18 ng
RT: 26.415 min Scan# 3966
Delta R.T. -0.018 min
Lab File: BP005694.D
Acq: 03 Jun 2021 19:14

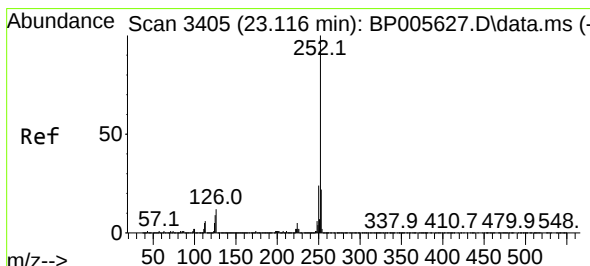
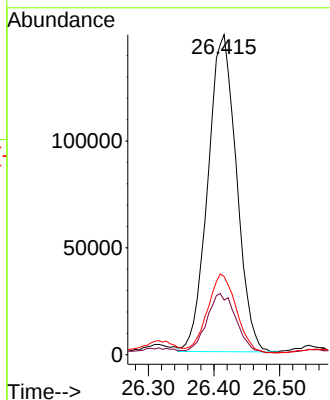
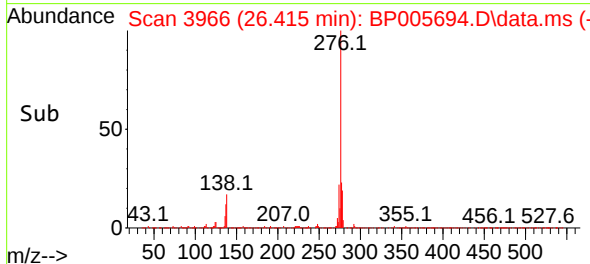
Instrument :
BNA_P
ClientSampled :
S-1



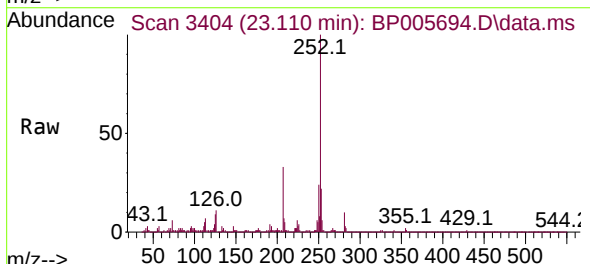
Tgt Ion: 276 Resp: 449568
Ion Ratio Lower Upper
276 100
138 19.1 8.4 12.6#
277 25.2 20.6 31.0

Manual Integrations
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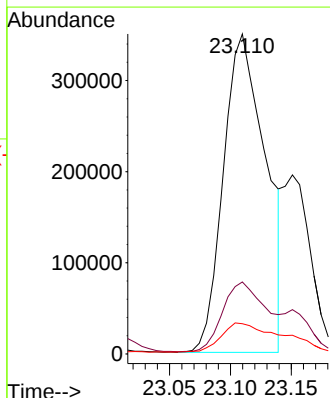
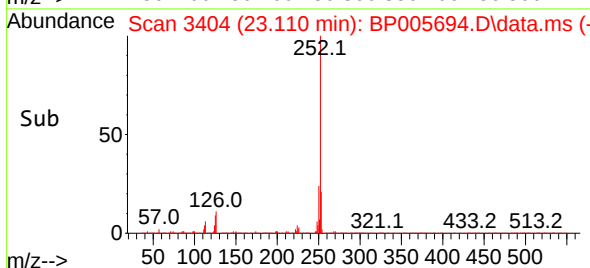
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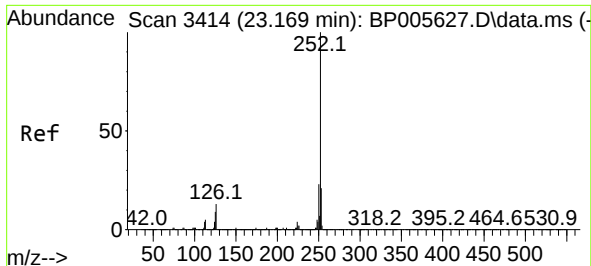


#88
Benzo(b)fluoranthene
Concen: 11.41 ng
RT: 23.110 min Scan# 3404
Delta R.T. -0.006 min
Lab File: BP005694.D
Acq: 03 Jun 2021 19:14



Tgt Ion: 252 Resp: 843464
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.2
125 9.5 3.4 5.0#





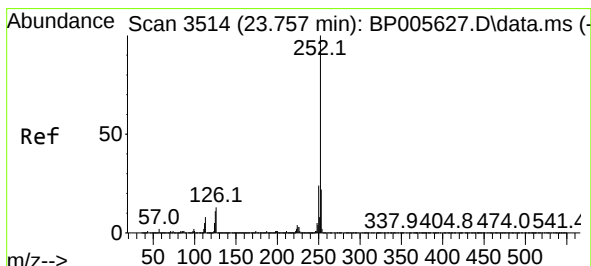
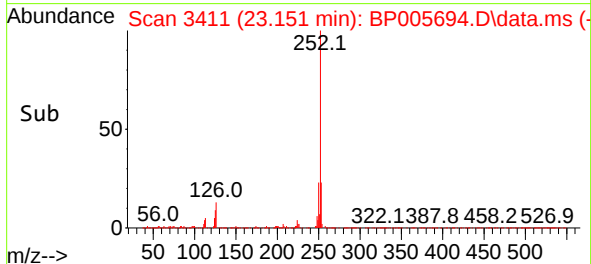
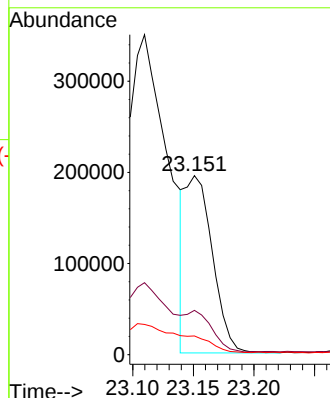
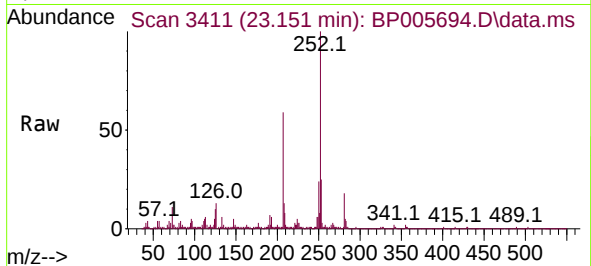
#89
Benzo(k)fluoranthene
Concen: 4.28 ng m
RT: 23.151 min Scan# 3411
Delta R.T. -0.018 min
Lab File: BP005694.D
Acq: 03 Jun 2021 19:14

Tgt Ion:252 Resp: 299900
Ion Ratio Lower Upper
252 100
253 24.8 17.2 25.8
125 10.5 3.8 5.6#

Instrument :
BNA_P
ClientSampled :
S-1

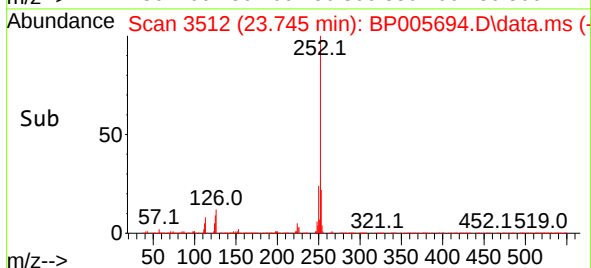
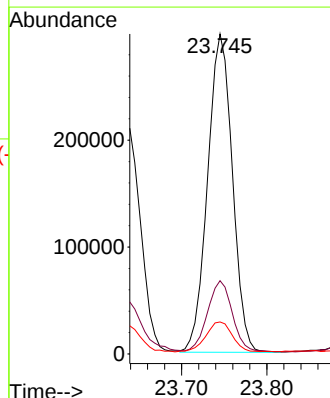
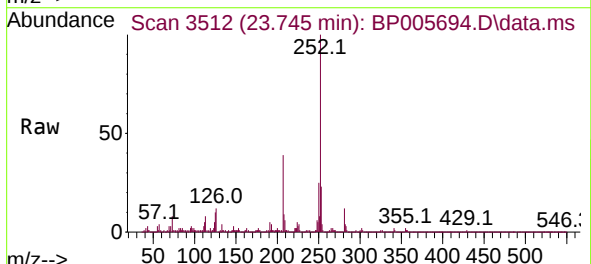
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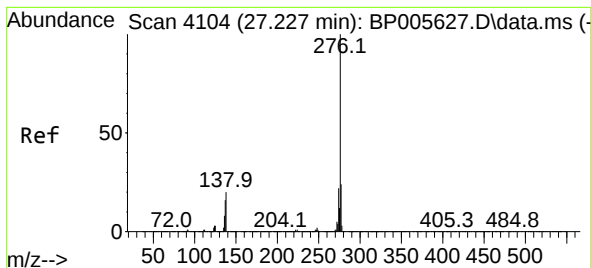
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#90
Benzo(a)pyrene
Concen: 8.94 ng
RT: 23.745 min Scan# 3512
Delta R.T. -0.012 min
Lab File: BP005694.D
Acq: 03 Jun 2021 19:14

Tgt Ion:252 Resp: 601666
Ion Ratio Lower Upper
252 100
253 22.9 17.1 25.7
125 10.0 3.8 5.6#





#92

Benzo(g,h,i)perylene

Concen: 5.77 ng

RT: 27.204 min Scan# 4100

Delta R.T. -0.024 min

Lab File: BP005694.D

Acq: 03 Jun 2021 19:14

Tgt Ion: 276 Resp: 419119

Ion Ratio Lower Upper

276 100

277 23.9 19.8 29.8

138 19.4 7.7 11.5#

Instrument :

BNA_P

ClientSampleId :

S-1

Manual Integrations

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