

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052922\
 Data File : BP010628.D
 Acq On : 29 May 2022 20:18
 Operator : CG/JU
 Sample : N3072-03DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PSC-124035DL

Quant Time: May 30 02:07:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 28 02:18:04 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 05/31/2022
 Supervised By : Jagrut Upadhyay 05/31/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	195331	20.000	ng	0.00
21) Naphthalene-d8	10.669	136	758568	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	448820	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	838863	20.000	ng	0.00
76) Chrysene-d12	21.345	240	720041	20.000	ng	0.00
86) Perylene-d12	23.757	264	752155	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	174834	16.329	ng	0.00
7) Phenol-d6	7.046	99	233197	15.341	ng	0.00
23) Nitrobenzene-d5	9.028	82	136168	8.487	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	77077	15.171	ng	0.00
45) 2-Fluorobiphenyl	13.128	172	257490	8.142	ng	0.00
79) Terphenyl-d14	19.810	244	272623	7.112	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	10.722	128	227350	5.689	ng	99
37) 2-Methylnaphthalene	12.334	142	87423	3.135	ng	97
38) 1-Methylnaphthalene	12.551	142	66729	2.450	ng	98
52) Acenaphthene	14.569	154	197789	7.971	ng	98
55) Dibenzofuran	14.904	168	283637	7.228	ng	97
58) Fluorene	15.551	166	239480	7.465	ng	98
71) Phenanthrene	17.298	178	2421012	52.627	ng	99
72) Anthracene	17.392	178	563248	12.786	ng	100
73) Carbazole	17.663	167	159283	4.255	ng	98
75) Fluoranthene	19.269	202	2142748	42.884	ng	99
78) Pyrene	19.622	202	1652611	32.934	ng	100
81) Benzo(a)anthracene	21.327	228	786469	16.647	ng	98
83) Chrysene	21.380	228	629386	13.582	ng	96
87) Indeno(1,2,3-cd)pyrene	26.262	276	228151	4.161	ng	96
88) Benzo(b)fluoranthene	23.027	252	638175	13.476	ng	98
89) Benzo(k)fluoranthene	23.063	252	208052m	4.334	ng	
90) Benzo(a)pyrene	23.651	252	451932	11.537	ng	97
92) Benzo(g,h,i)perylene	27.039	276	194095	4.257	ng #	92

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

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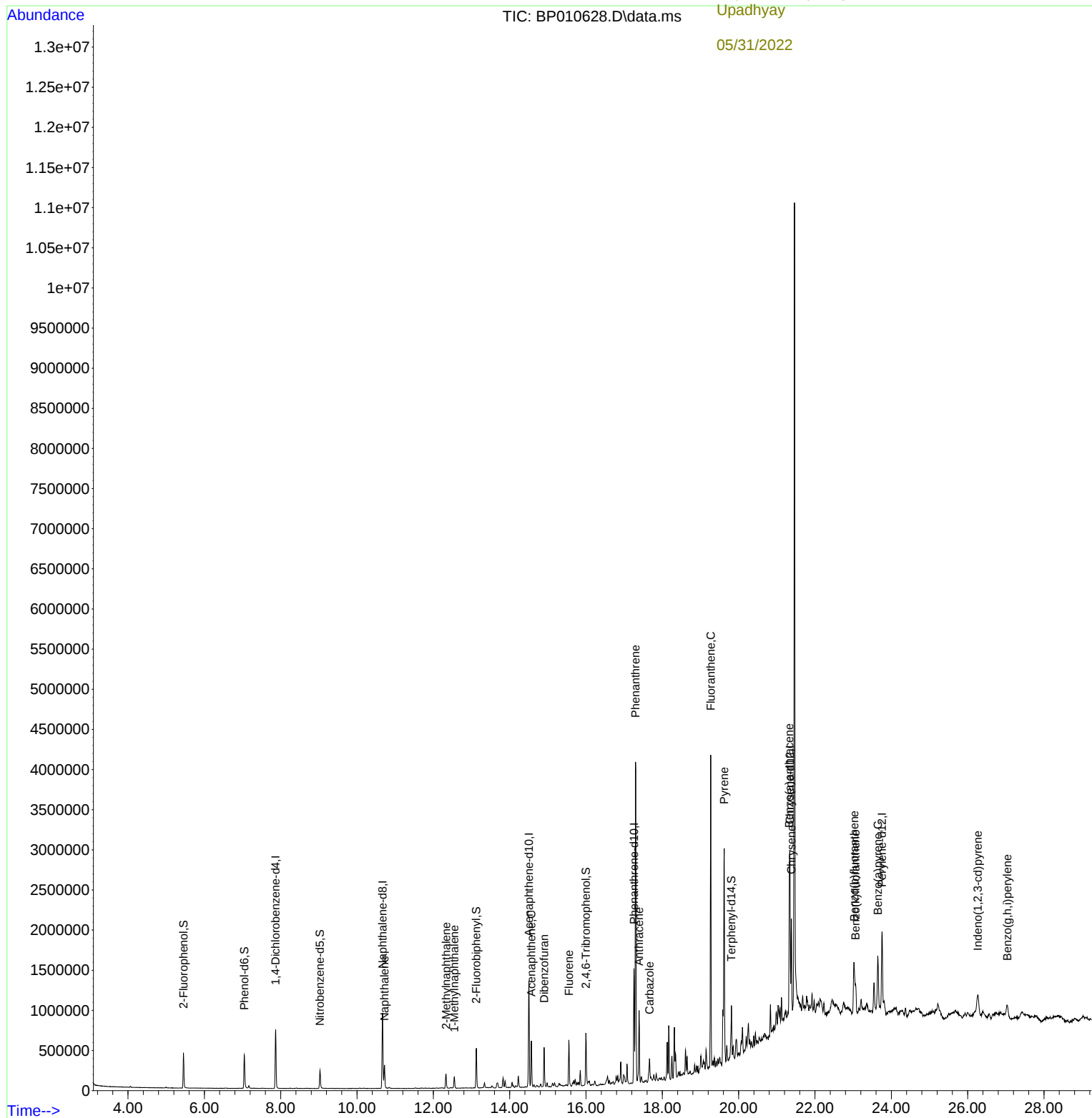
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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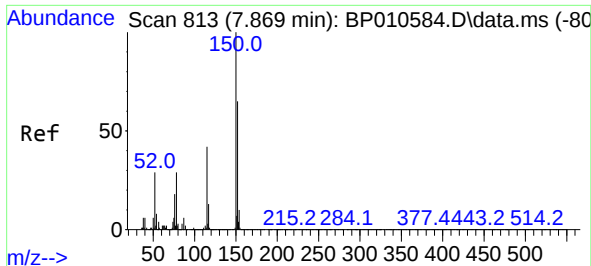
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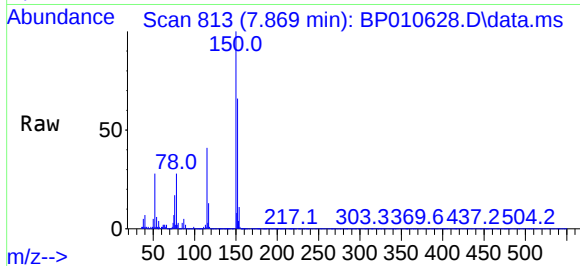
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 813
Delta R.T. 0.000 min
Lab File: BP010628.D
Acq: 29 May 2022 20:18

Instrument :
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ClientSampleId :
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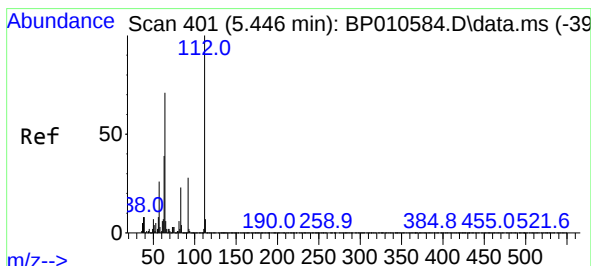
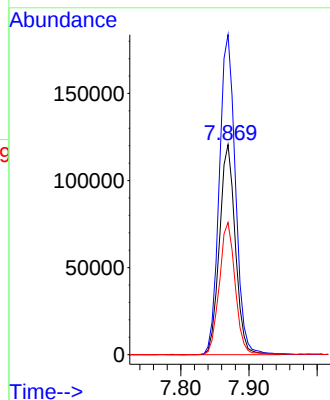
Tgt Ion:152 Resp: 19533
Ion Ratio Lower Upper
152 100
150 152.3 123.4 185.2
115 62.9 51.3 76.9

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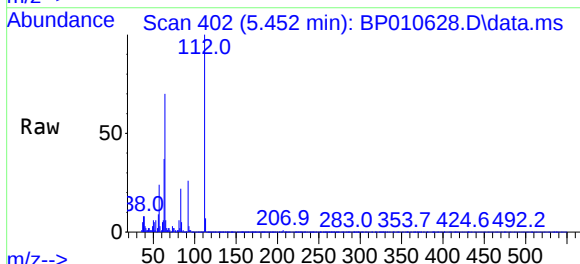
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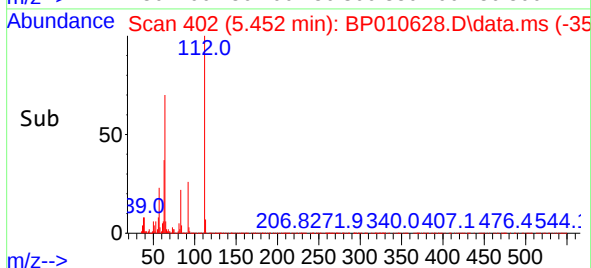
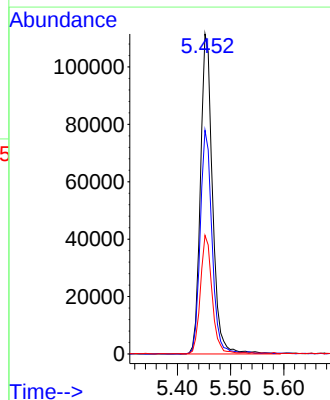
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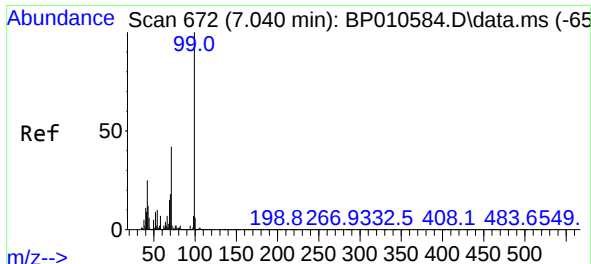


#5
2-Fluorophenol
Concen: 16.329 ng
RT: 5.452 min Scan# 402
Delta R.T. 0.006 min
Lab File: BP010628.D
Acq: 29 May 2022 20:18



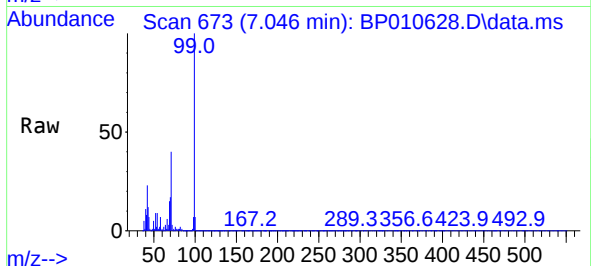
Tgt Ion:112 Resp: 174834
Ion Ratio Lower Upper
112 100
64 69.9 56.9 85.3
63 37.0 31.2 46.8





#7
Phenol-d6
Concen: 15.341 ng
RT: 7.046 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP010628.D
Acq: 29 May 2022 20:18

Instrument :
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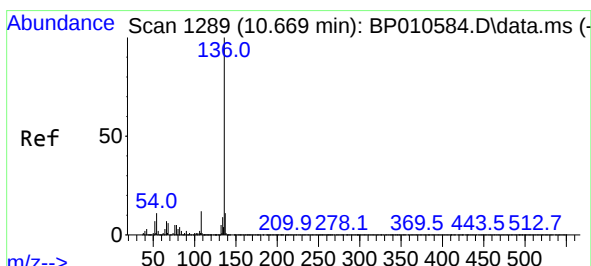
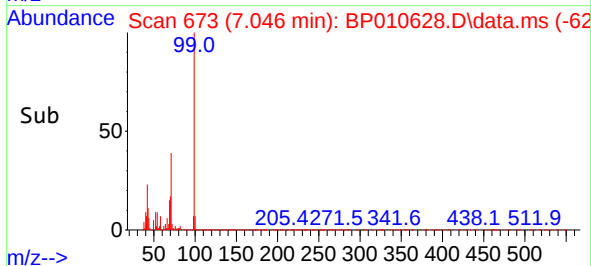
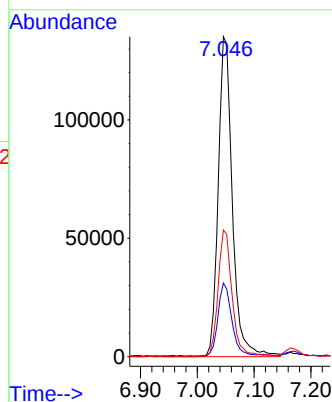
Tgt Ion: 99 Resp: 23319
Ion Ratio Lower Upper
99 100
42 23.0 20.3 30.5
71 39.5 33.9 50.9

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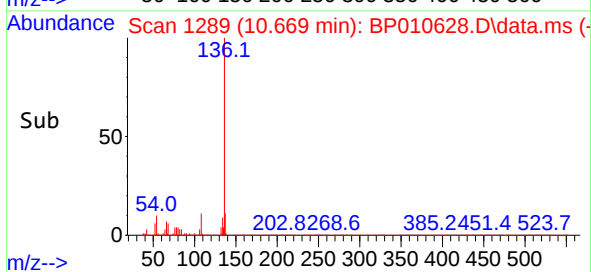
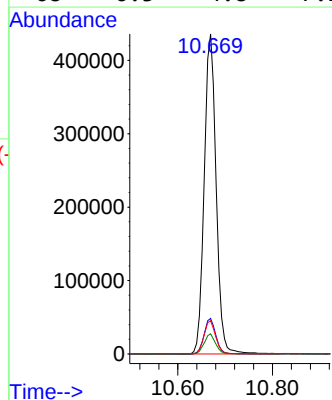
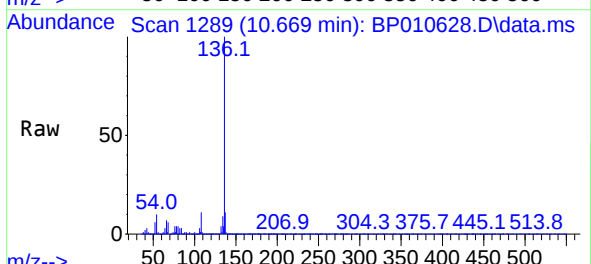
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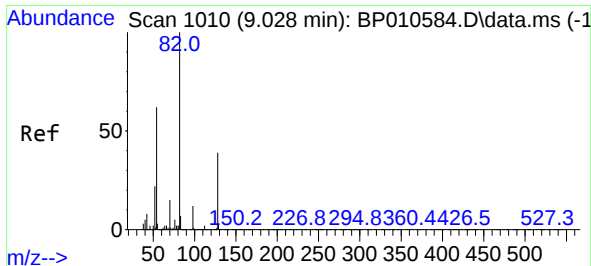
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.669 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BP010628.D
Acq: 29 May 2022 20:18

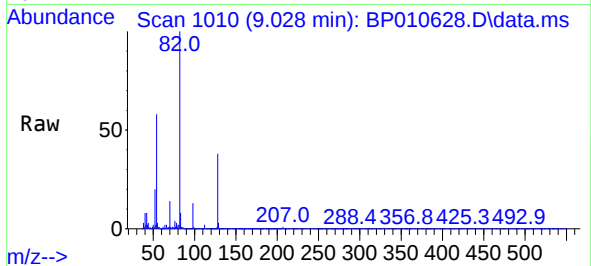
Tgt Ion:136 Resp: 758568
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 10.4 8.7 13.1
68 6.3 4.8 7.2





#23
Nitrobenzene-d5
Concen: 8.487 ng
RT: 9.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BP010628.D
Acq: 29 May 2022 20:18

Instrument :
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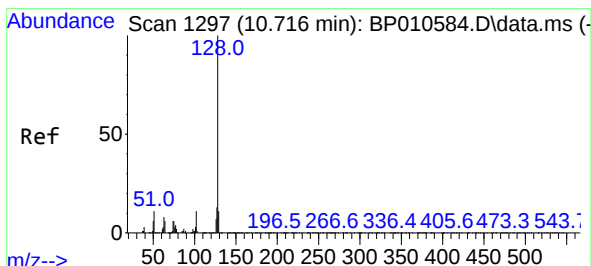
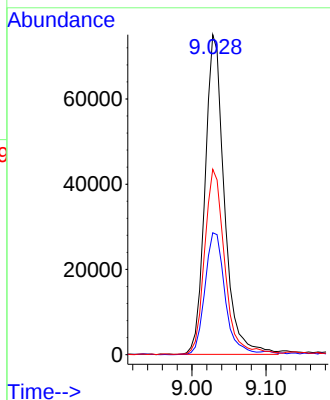
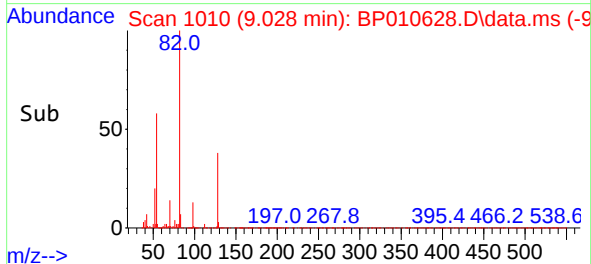
Tgt Ion: 82 Resp: 136168
Ion Ratio Lower Upper
82 100
128 38.1 31.3 46.9
54 57.9 49.8 74.8

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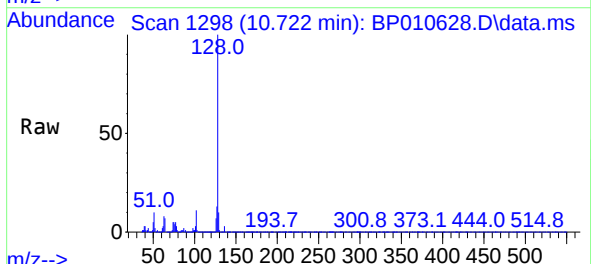
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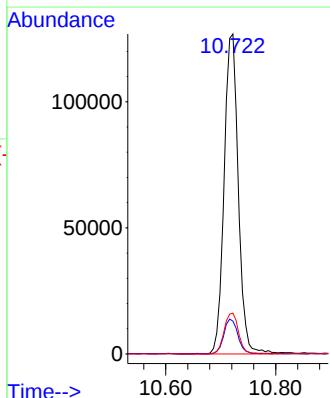
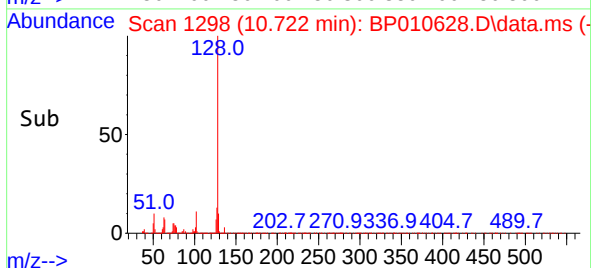
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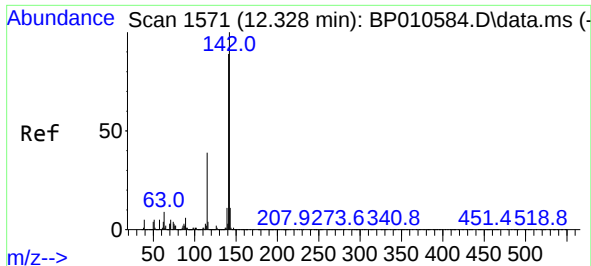


#31
Naphthalene
Concen: 5.689 ng
RT: 10.722 min Scan# 1298
Delta R.T. 0.006 min
Lab File: BP010628.D
Acq: 29 May 2022 20:18



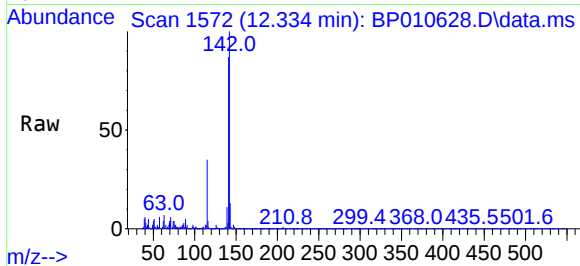
Tgt Ion:128 Resp: 227350
Ion Ratio Lower Upper
128 100
129 10.3 8.6 12.8
127 12.8 10.3 15.5





#37
2-Methylnaphthalene
Concen: 3.135 ng
RT: 12.334 min Scan# 1571
Delta R.T. 0.006 min
Lab File: BP010628.D
Acq: 29 May 2022 20:18

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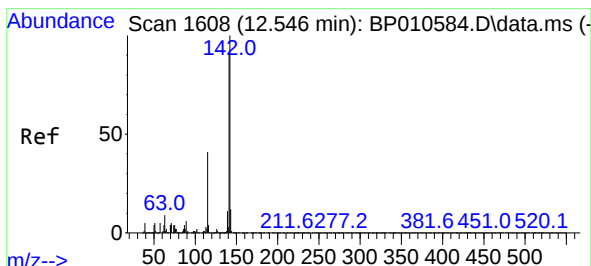
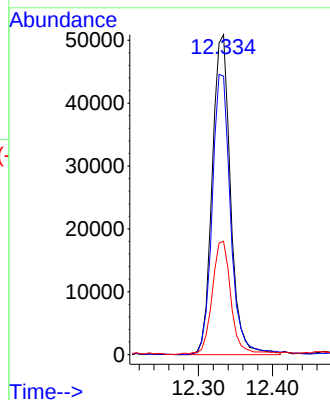
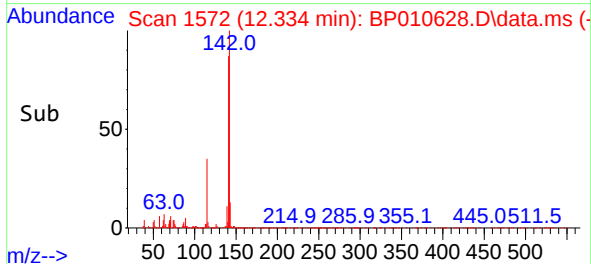
Tgt Ion:142 Resp: 8742
Ion Ratio Lower Upper
142 100
141 87.1 71.3 106.9
115 35.5 31.4 47.2

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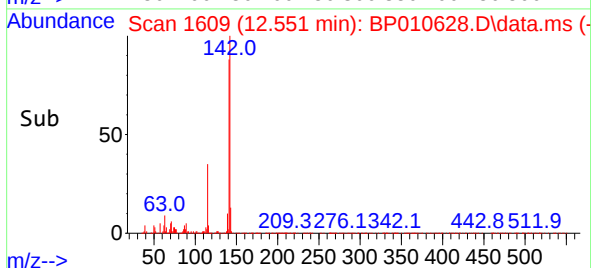
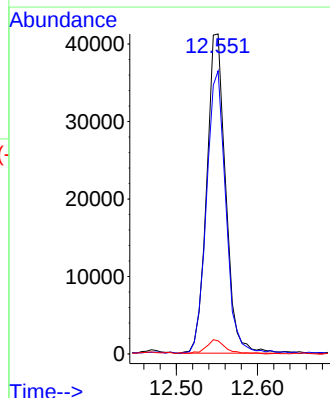
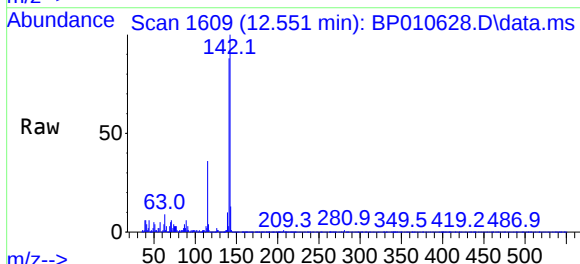
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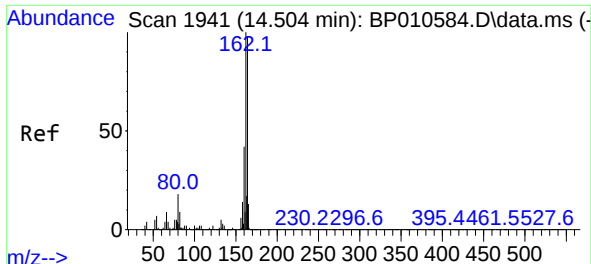
05/31/2022



#38
1-Methylnaphthalene
Concen: 2.450 ng
RT: 12.551 min Scan# 1609
Delta R.T. 0.006 min
Lab File: BP010628.D
Acq: 29 May 2022 20:18

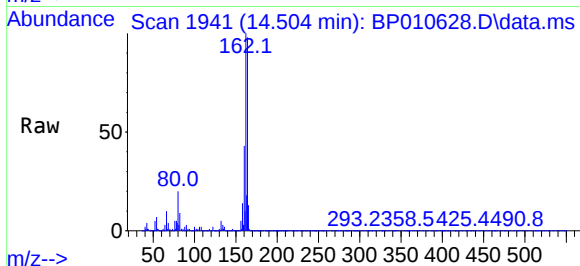
Tgt Ion:142 Resp: 66729
Ion Ratio Lower Upper
142 100
141 88.4 72.6 108.8
116 4.1 3.3 4.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1941
Delta R.T. 0.000 min
Lab File: BP010628.D
Acq: 29 May 2022 20:18

Instrument :
BNA_P
ClientSampleId :
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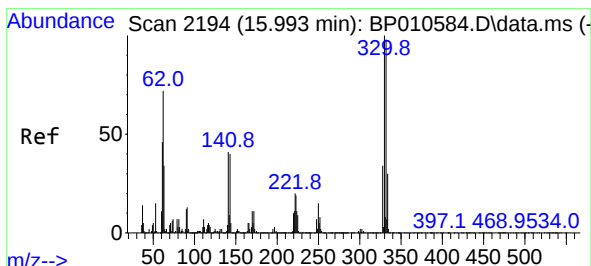
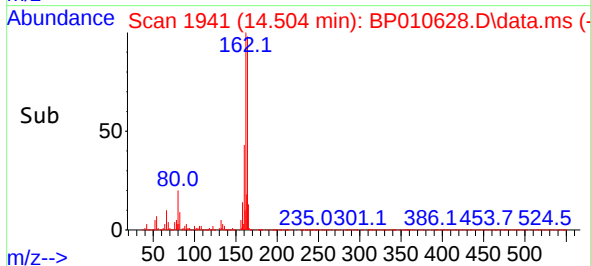
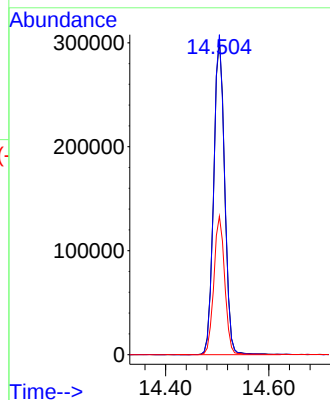
Tgt Ion:164 Resp: 448820
Ion Ratio Lower Upper
164 100
162 101.9 81.9 122.9
160 44.1 34.6 51.8

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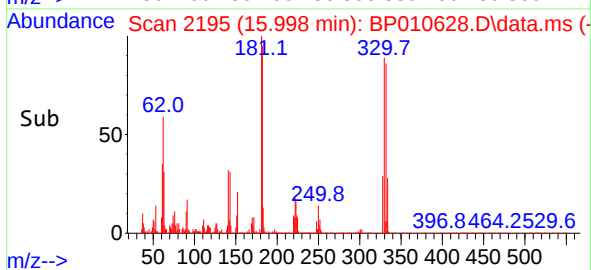
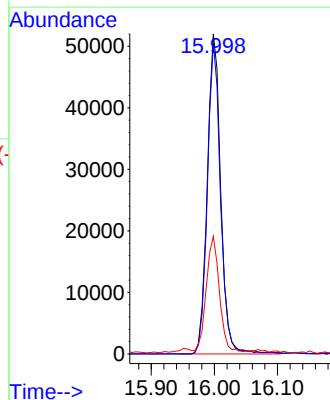
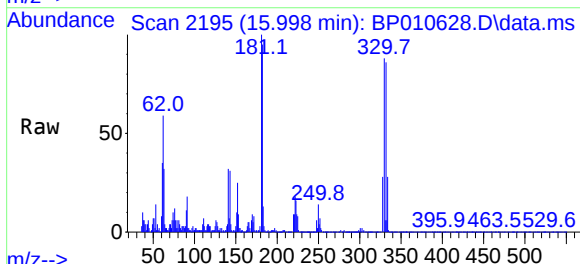
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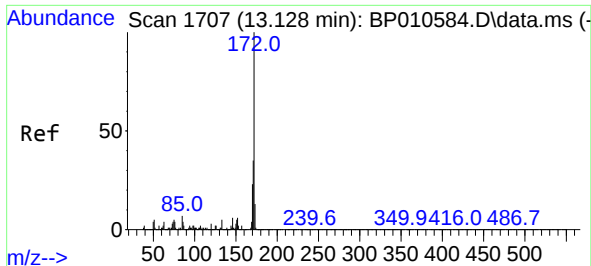
05/31/2022



#42
2,4,6-Tribromophenol
Concen: 15.171 ng
RT: 15.998 min Scan# 2195
Delta R.T. 0.005 min
Lab File: BP010628.D
Acq: 29 May 2022 20:18

Tgt Ion:330 Resp: 77077
Ion Ratio Lower Upper
330 100
332 95.1 78.1 117.1
141 35.0 31.4 47.2





#45
2-Fluorobiphenyl
Concen: 8.142 ng
RT: 13.128 min Scan# 1707
Delta R.T. -0.000 min
Lab File: BP010628.D
Acq: 29 May 2022 20:18

Instrument :

BNA_P

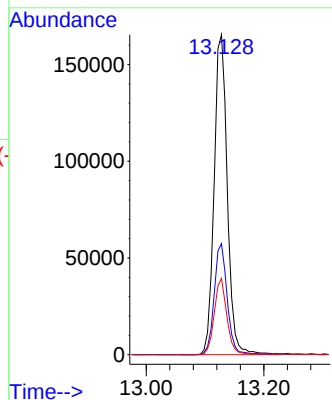
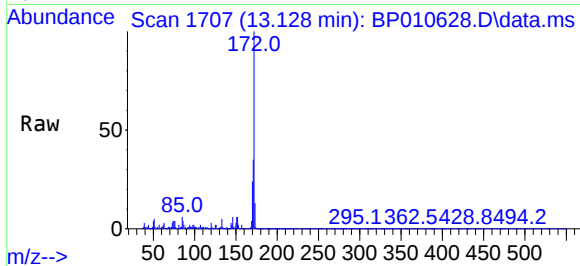
ClientSampleId :

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Tgt Ion:172 Resp: 257490
Ion Ratio Lower Upper
172 100
171 34.7 27.9 41.9
170 23.9 18.2 27.2

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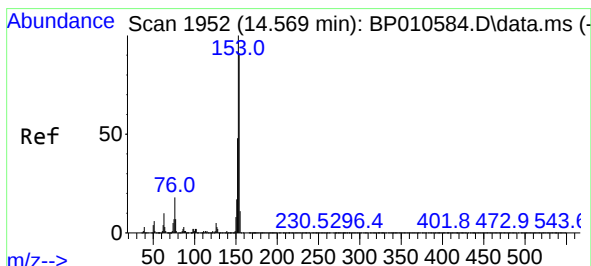
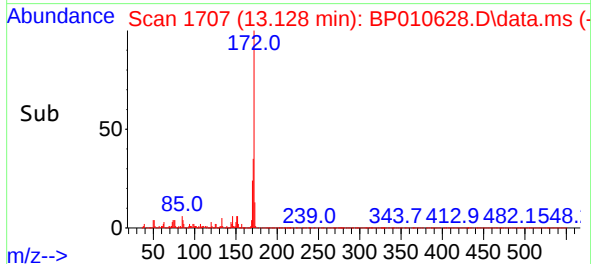
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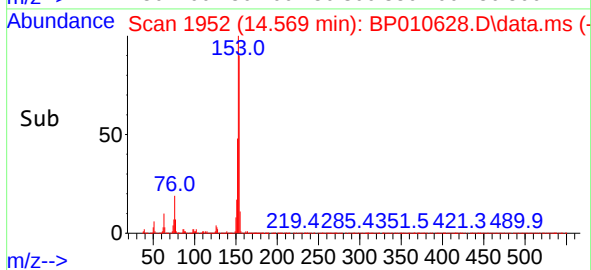
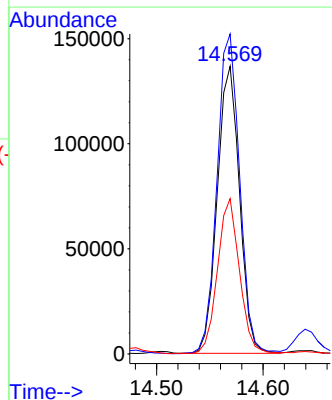
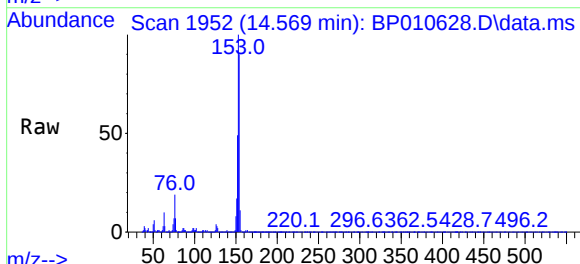
Supervised By :Jagrut
Upadhyay

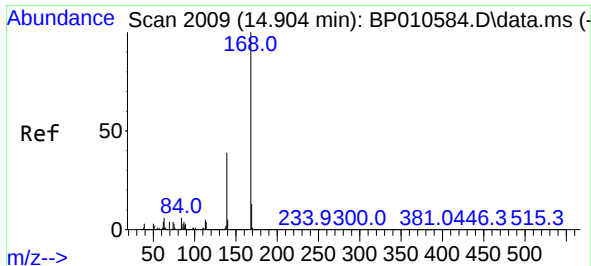
05/31/2022



#52
Acenaphthene
Concen: 7.971 ng
RT: 14.569 min Scan# 1952
Delta R.T. -0.000 min
Lab File: BP010628.D
Acq: 29 May 2022 20:18

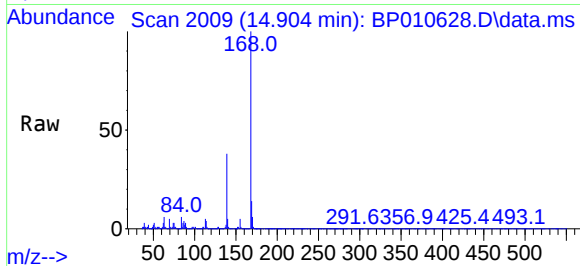
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Ion Ratio Lower Upper
154 100
153 111.2 87.4 131.2
152 54.0 41.7 62.5





#55
Dibenzenofuran
Concen: 7.228 ng
RT: 14.904 min Scan# 2009
Delta R.T. -0.000 min
Lab File: BP010628.D
Acq: 29 May 2022 20:18

Instrument :
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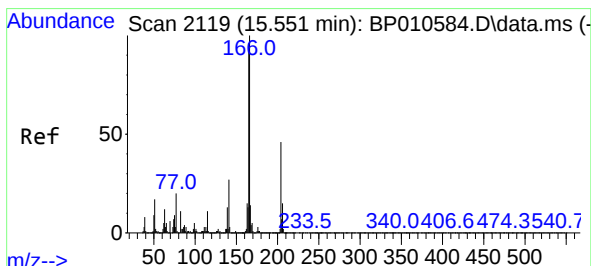
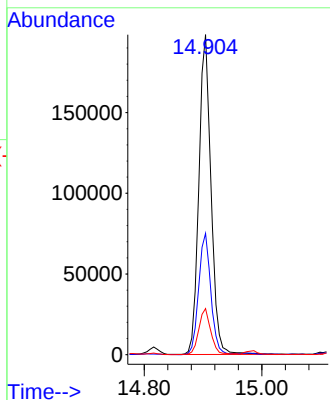
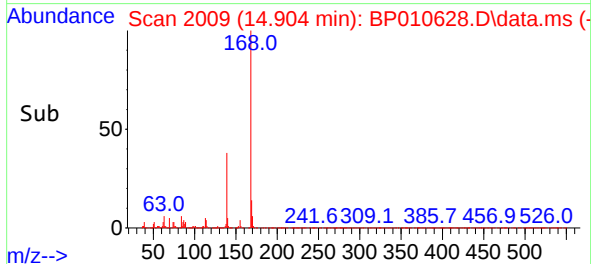
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Ion Ratio Lower Upper
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139 37.9 31.5 47.3
169 14.4 10.3 15.5

Manual Integrations
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Supervised By :Jagrut Upadhyay 05/31/2022

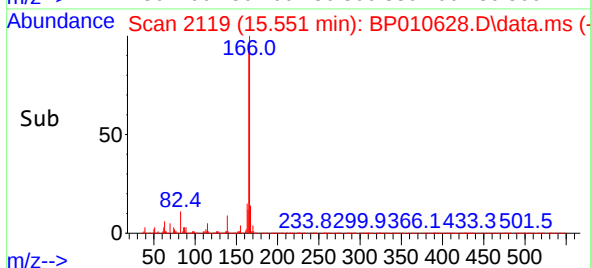
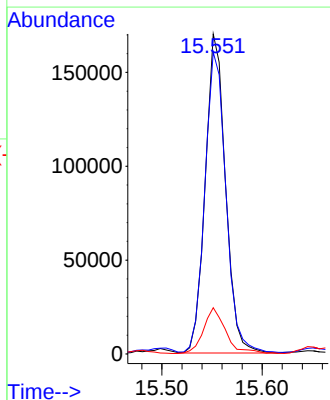
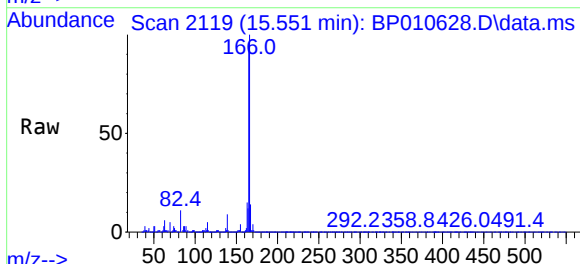
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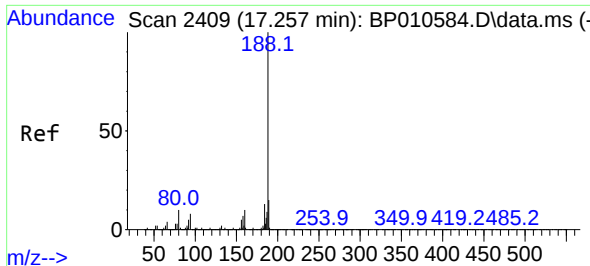
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#58
Fluorene
Concen: 7.465 ng
RT: 15.551 min Scan# 2119
Delta R.T. -0.000 min
Lab File: BP010628.D
Acq: 29 May 2022 20:18

Tgt Ion:166 Resp: 239480
Ion Ratio Lower Upper
166 100
165 94.3 77.0 115.4
167 14.4 10.9 16.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.257 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BP010628.D
Acq: 29 May 2022 20:18

Instrument :
BNA_P
ClientSampleId :
PSC-124035DL

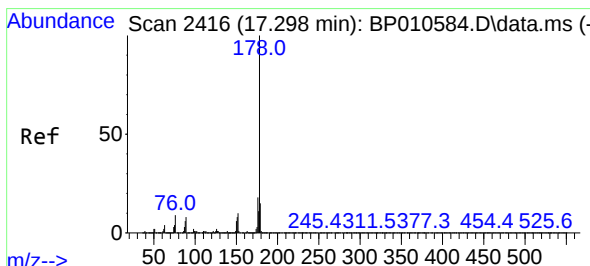
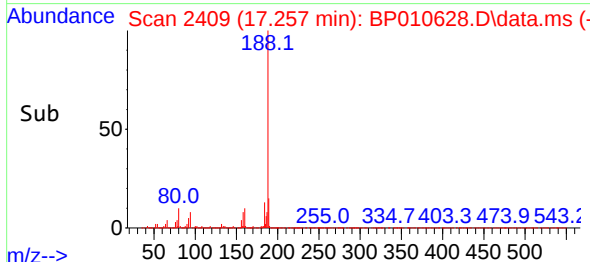
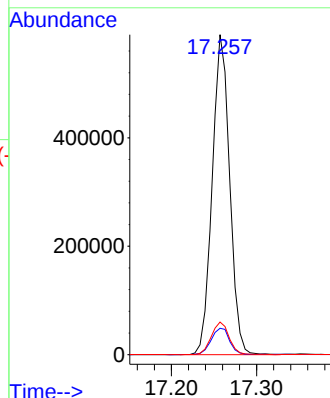
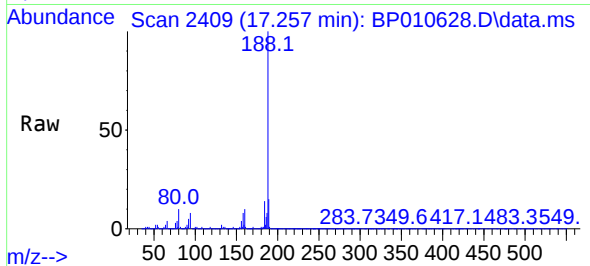
Tgt Ion:188 Resp: 83886
Ion Ratio Lower Upper
188 100
94 8.2 6.6 10.0
80 10.2 8.0 12.0

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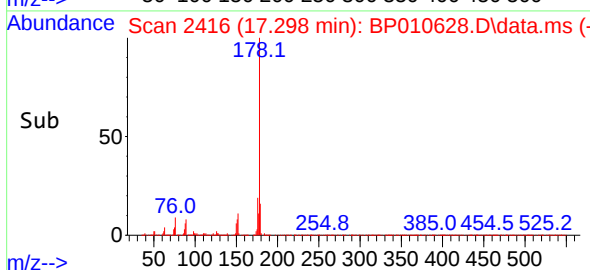
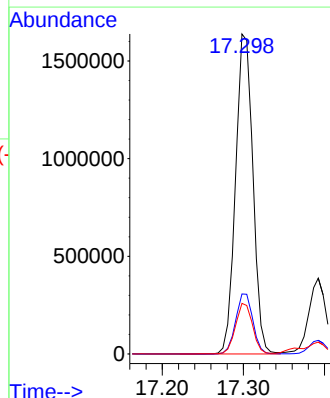
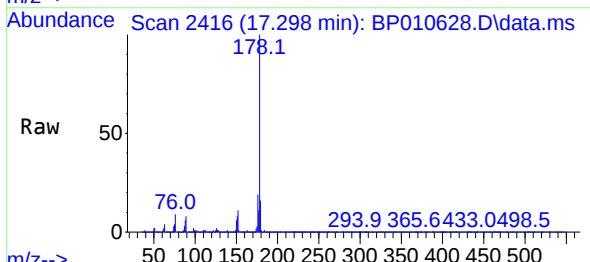
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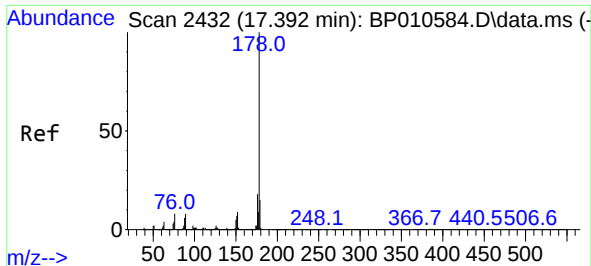
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#71
Phenanthrene
Concen: 52.627 ng
RT: 17.298 min Scan# 2416
Delta R.T. -0.000 min
Lab File: BP010628.D
Acq: 29 May 2022 20:18

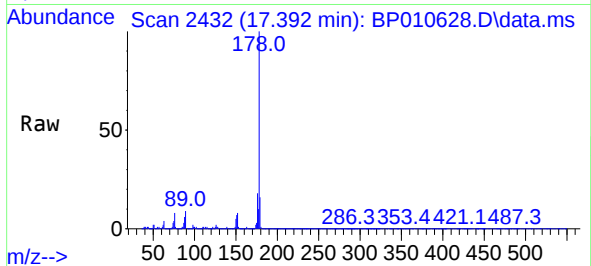
Tgt Ion:178 Resp: 2421012
Ion Ratio Lower Upper
178 100
176 18.8 14.7 22.1
179 15.8 12.2 18.2





#72
 Anthracene
 Concen: 12.786 ng
 RT: 17.392 min Scan# 2432
 Delta R.T. -0.000 min
 Lab File: BP010628.D
 Acq: 29 May 2022 20:18

Instrument :
 BNA_P
 ClientSampleId :
 PSC-124035DL



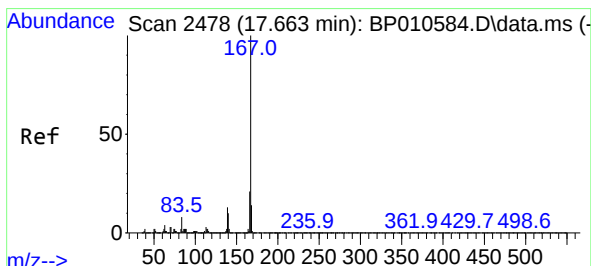
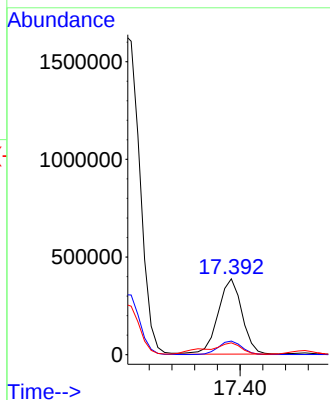
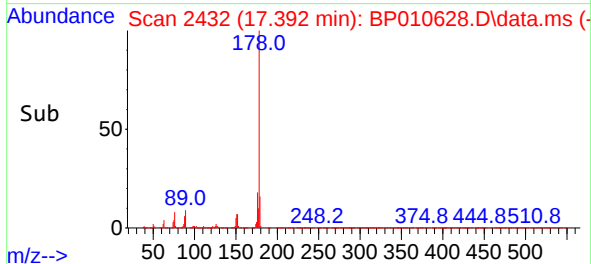
Tgt Ion:178 Resp: 563248
 Ion Ratio Lower Upper
 178 100
 176 18.0 14.5 21.7
 179 15.6 12.2 18.4

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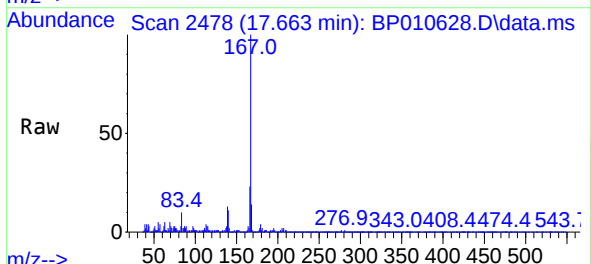
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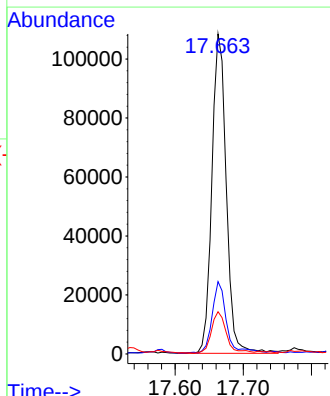
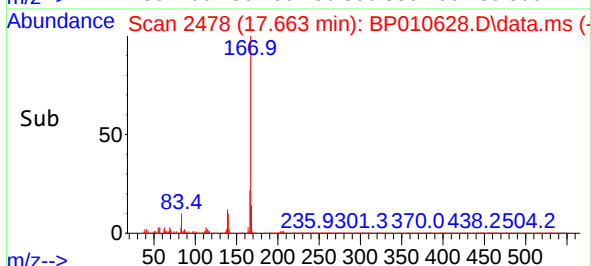
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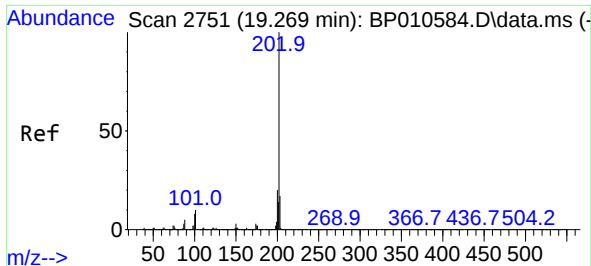


#73
 Carbazole
 Concen: 4.255 ng
 RT: 17.663 min Scan# 2478
 Delta R.T. -0.000 min
 Lab File: BP010628.D
 Acq: 29 May 2022 20:18



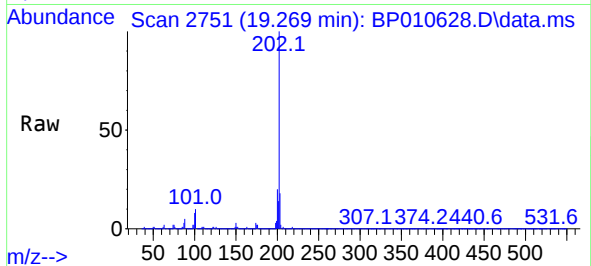
Tgt Ion:167 Resp: 159283
 Ion Ratio Lower Upper
 167 100
 166 22.6 16.9 25.3
 139 13.2 10.6 15.8





#75
Fluoranthene
Concen: 42.884 ng
RT: 19.269 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP010628.D
Acq: 29 May 2022 20:18

Instrument :
BNA_P
ClientSampleId :
PSC-124035DL



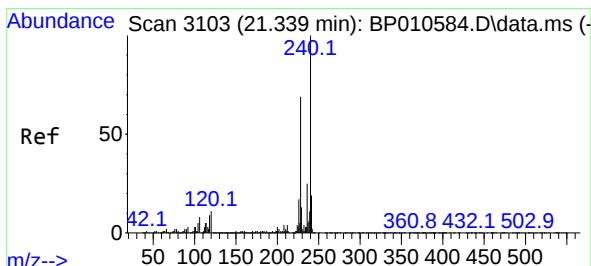
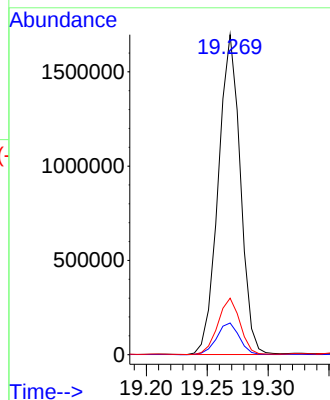
Tgt Ion:202 Resp: 2142744
Ion Ratio Lower Upper
202 100
101 9.9 0.0 29.6
203 17.6 0.0 36.9

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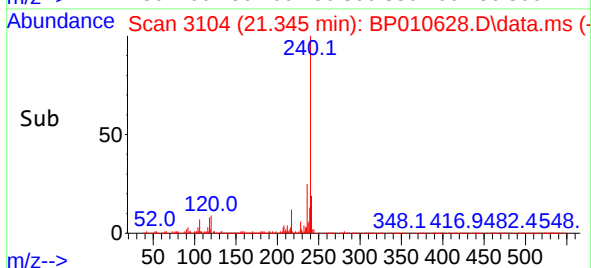
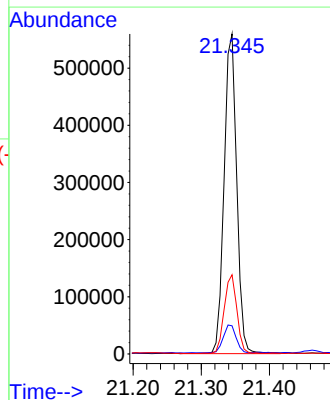
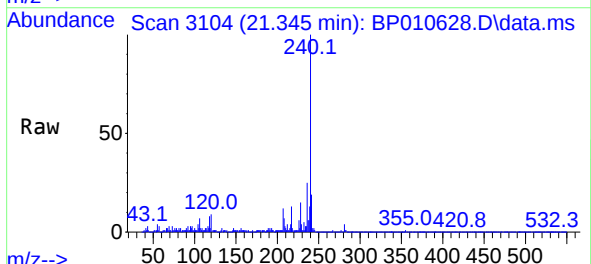
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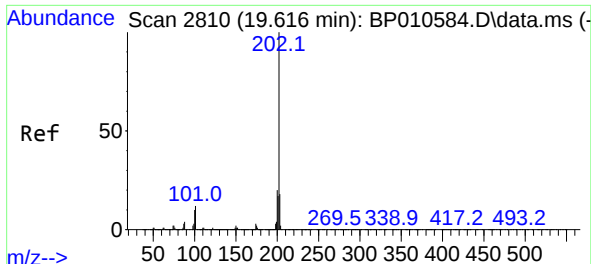
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.345 min Scan# 3104
Delta R.T. 0.006 min
Lab File: BP010628.D
Acq: 29 May 2022 20:18

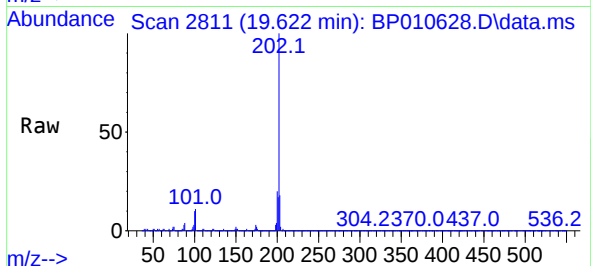
Tgt Ion:240 Resp: 720041
Ion Ratio Lower Upper
240 100
120 8.8 8.6 12.8
236 24.7 19.8 29.6





#78
Pyrene
Concen: 32.934 ng
RT: 19.622 min Scan# 2811
Delta R.T. 0.006 min
Lab File: BP010628.D
Acq: 29 May 2022 20:18

Instrument :
BNA_P
ClientSampleId :
PSC-124035DL



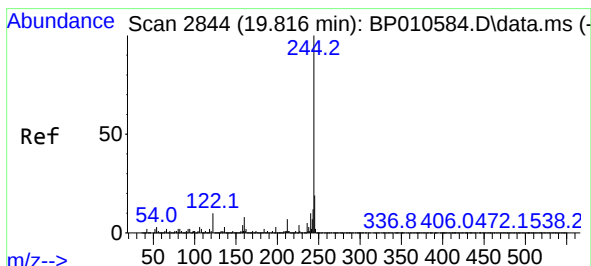
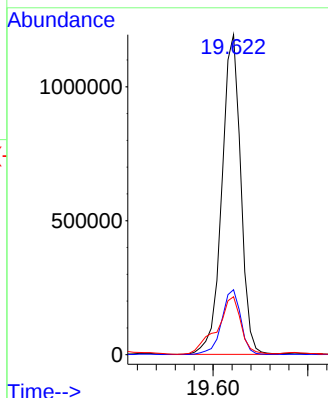
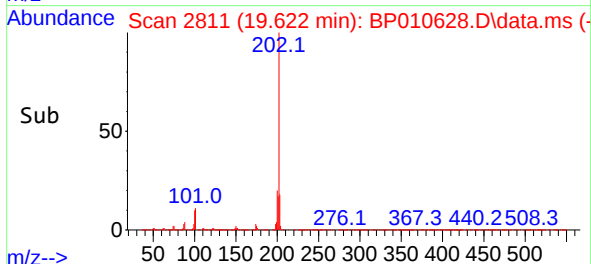
Tgt Ion:202 Resp: 165261
Ion Ratio Lower Upper
202 100
200 20.3 16.3 24.5
203 18.1 14.2 21.4

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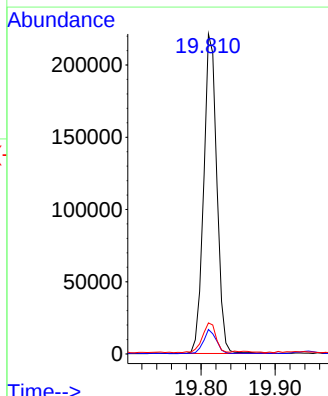
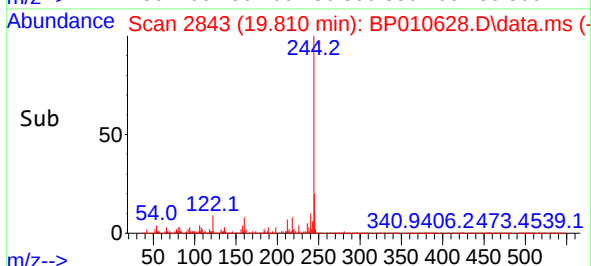
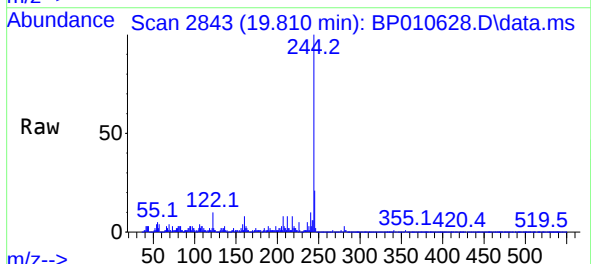
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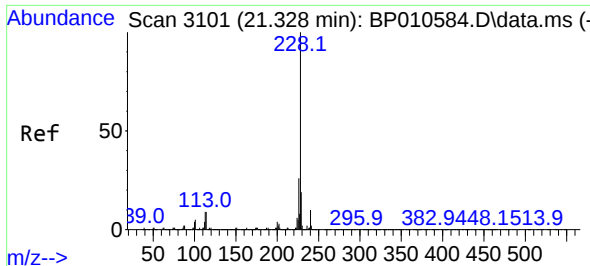
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#79
Terphenyl-d14
Concen: 7.112 ng
RT: 19.810 min Scan# 2843
Delta R.T. -0.006 min
Lab File: BP010628.D
Acq: 29 May 2022 20:18

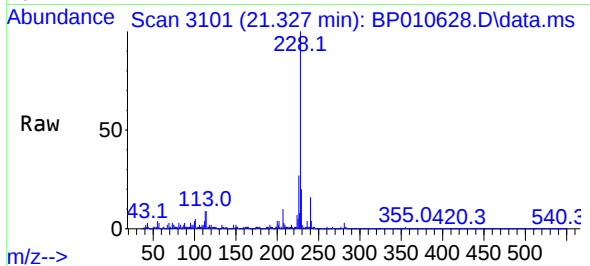
Tgt Ion:244 Resp: 272623
Ion Ratio Lower Upper
244 100
212 7.6 5.8 8.8
122 9.7 7.6 11.4





#81
Benzo(a)anthracene
Concen: 16.647 ng
RT: 21.327 min Scan# 3101
Delta R.T. -0.000 min
Lab File: BP010628.D
Acq: 29 May 2022 20:18

Instrument :
BNA_P
ClientSampleId :
PSC-124035DL



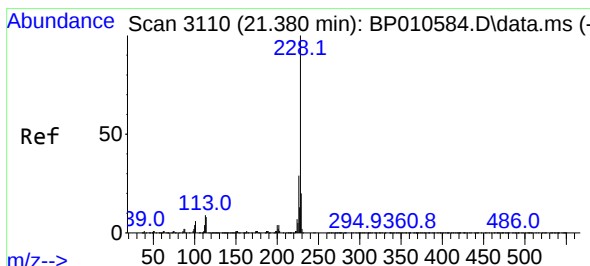
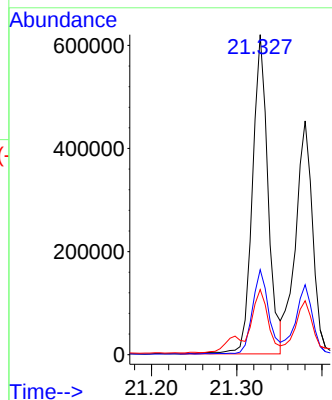
Tgt Ion:228 Resp: 786469
Ion Ratio Lower Upper
228 100
226 26.6 20.8 31.2
229 20.3 15.2 22.8

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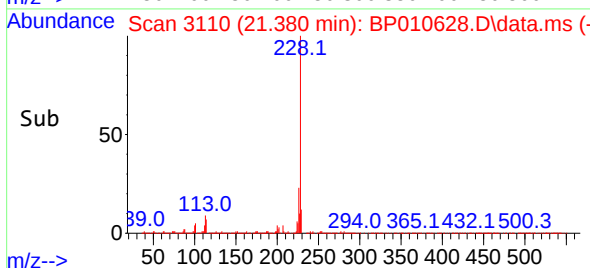
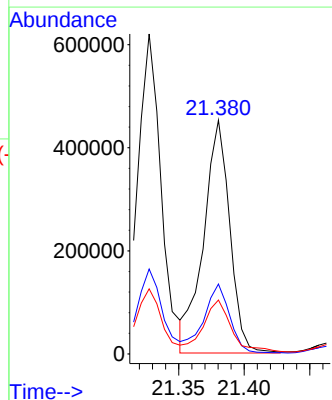
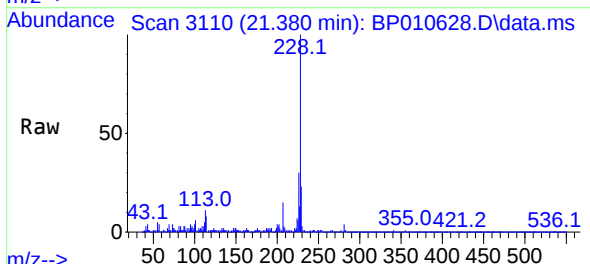
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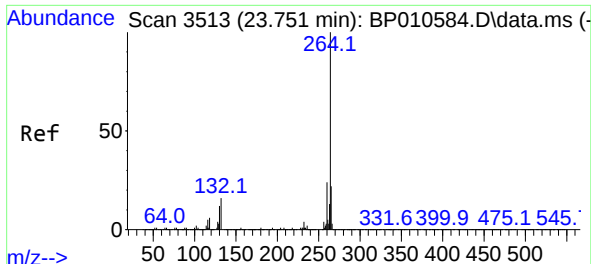
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#83
Chrysene
Concen: 13.582 ng
RT: 21.380 min Scan# 3110
Delta R.T. -0.000 min
Lab File: BP010628.D
Acq: 29 May 2022 20:18

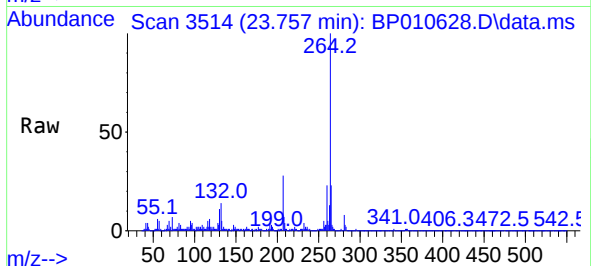
Tgt Ion:228 Resp: 629386
Ion Ratio Lower Upper
228 100
226 29.9 23.4 35.2
229 23.1 15.7 23.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.757 min Scan# 3513
Delta R.T. 0.006 min
Lab File: BP010628.D
Acq: 29 May 2022 20:18

Instrument :
BNA_P
ClientSampleId :
PSC-124035DL



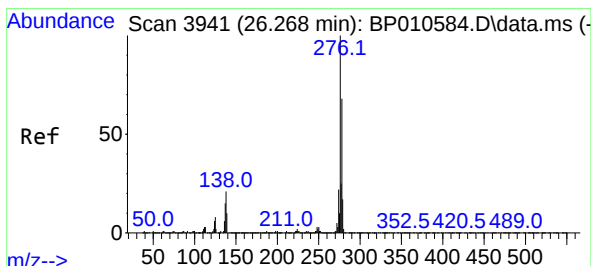
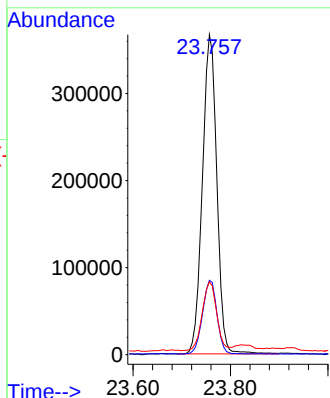
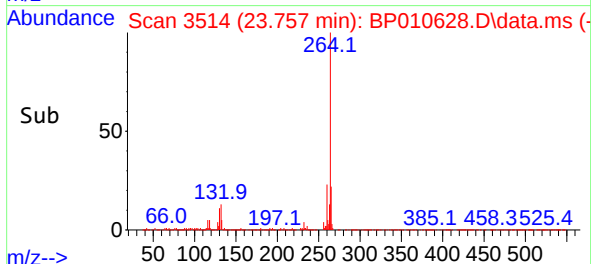
Tgt Ion:264 Resp: 75215
Ion Ratio Lower Upper
264 100
260 23.2 19.3 28.9
265 22.8 18.0 27.0

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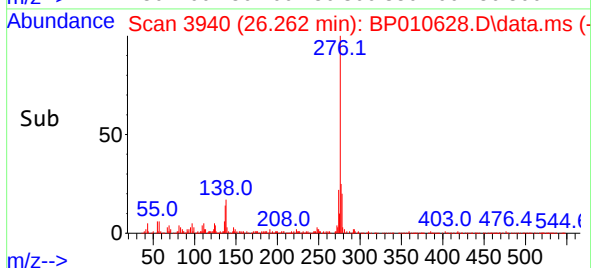
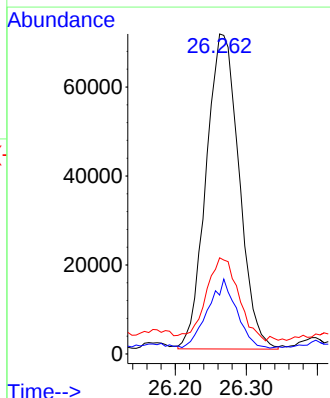
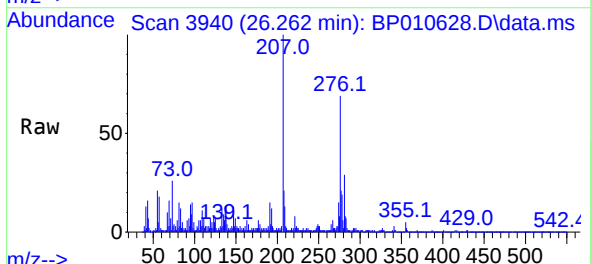
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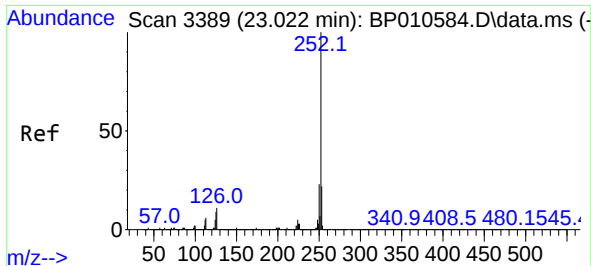
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#87
Indeno(1,2,3-cd)pyrene
Concen: 4.161 ng
RT: 26.262 min Scan# 3940
Delta R.T. -0.006 min
Lab File: BP010628.D
Acq: 29 May 2022 20:18

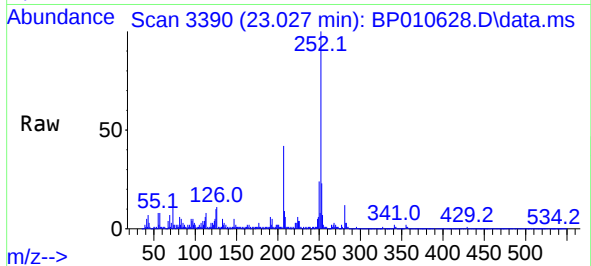
Tgt Ion:276 Resp: 228151
Ion Ratio Lower Upper
276 100
138 19.0 17.5 26.3
277 26.1 20.2 30.4





#88
Benzo(b)fluoranthene
Concen: 13.476 ng
RT: 23.027 min Scan# 3389
Delta R.T. 0.006 min
Lab File: BP010628.D
Acq: 29 May 2022 20:18

Instrument :
BNA_P
ClientSampleId :
PSC-124035DL



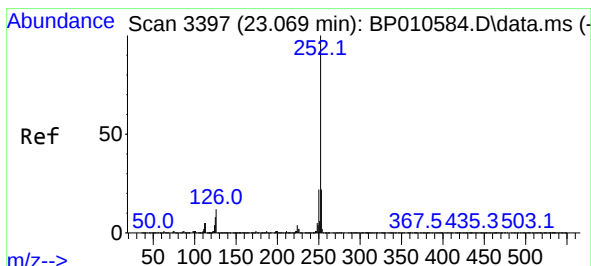
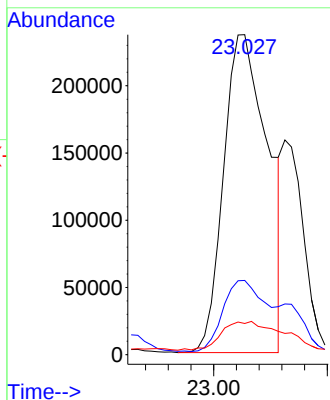
Tgt Ion:252 Resp: 63817
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.6
125 9.7 7.0 10.6

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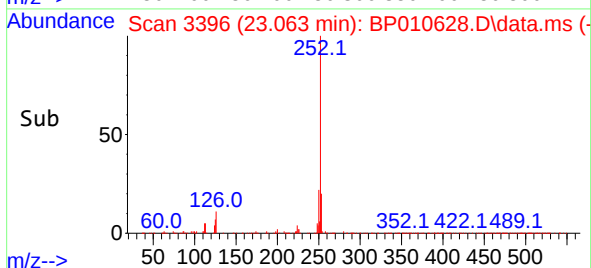
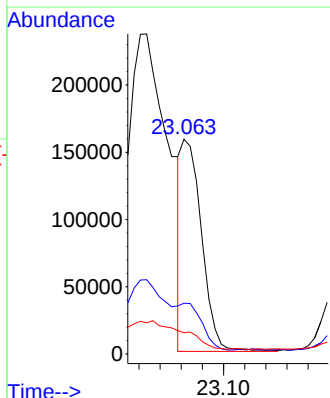
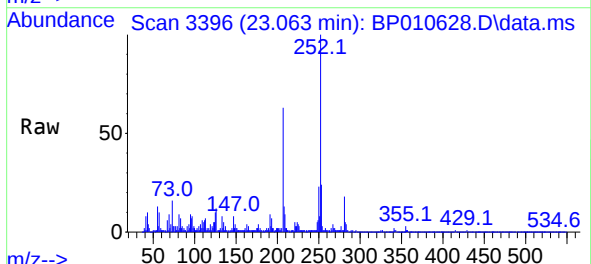
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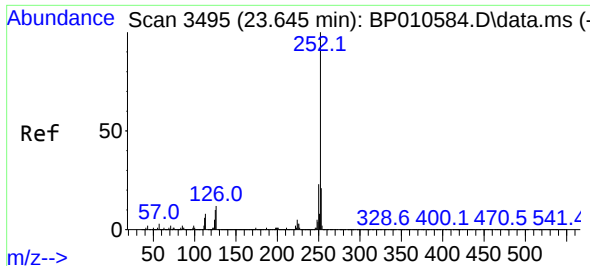
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#89
Benzo(k)fluoranthene
Concen: 4.334 ng m
RT: 23.063 min Scan# 3396
Delta R.T. -0.006 min
Lab File: BP010628.D
Acq: 29 May 2022 20:18

Tgt Ion:252 Resp: 208052
Ion Ratio Lower Upper
252 100
253 23.6 17.2 25.8
125 9.9 7.0 10.4





#90
Benzo(a)pyrene
Concen: 11.537 ng
RT: 23.651 min Scan# 3495
Delta R.T. 0.006 min
Lab File: BP010628.D
Acq: 29 May 2022 20:18

Instrument :

BNA_P

ClientSampleId :

PSC-124035DL

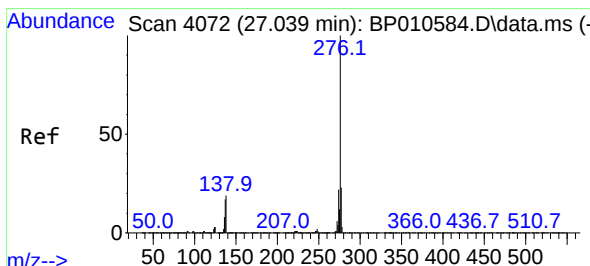
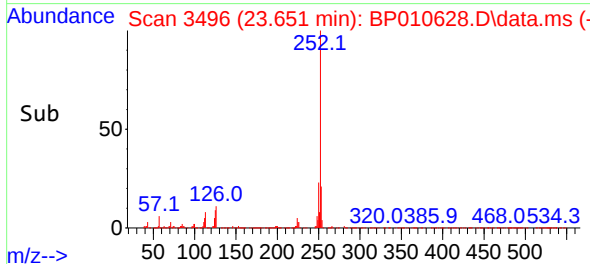
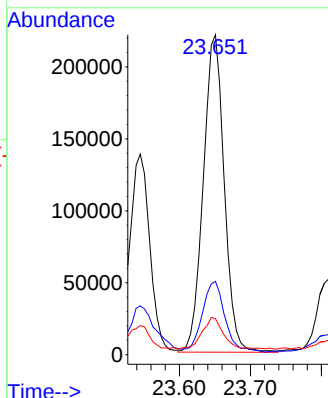
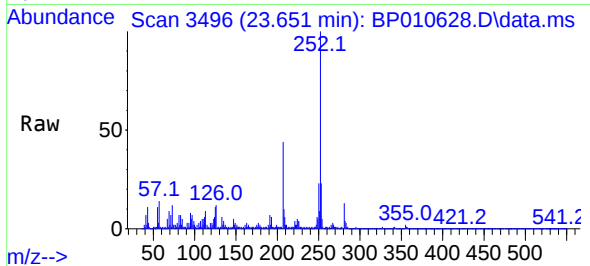
Tgt Ion:252 Resp: 45193
Ion Ratio Lower Upper
252 100
253 22.9 17.0 25.6
125 11.3 7.9 11.9

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#92
Benzo(g,h,i)perylene
Concen: 4.257 ng
RT: 27.039 min Scan# 4072
Delta R.T. -0.000 min
Lab File: BP010628.D
Acq: 29 May 2022 20:18

Tgt Ion:276 Resp: 194095
Ion Ratio Lower Upper
276 100
277 28.7 18.7 28.1#
138 21.5 15.2 22.8

