

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
 Data File : BP011997.D
 Acq On : 07 Oct 2022 07:10
 Operator : CG/JU
 Sample : N4923-17
 Misc :
 ALS Vial : 86 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E10037

Quant Time: Oct 07 07:36:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 07 03:22:44 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/07/2022
 Supervised By :mohammad ahmed 10/10/2022

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 Supervised By :mohammad
 ahmed

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	278201	20.000	ng/u1	0.00
20) Naphthalene-d8	10.681	136	1167931	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.522	164	726099	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.281	188	1467087	20.000	ng/u1	0.00
79) Chrysene-d12	21.369	240	1494082	20.000	ng/u1	0.00
88) Perylene-d12	23.798	264	1620145	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	25912	4.108	ng/uL	0.00
4) Pyridine-d5	3.728	84	154211	8.346	ng/u1	0.01
7) Phenol-d5	7.046	99	131481	5.474	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.205	67	302193	22.700	ng/u1	0.00
11) 2-Chlorophenol-d4	7.405	132	378270	19.952	ng/u1	0.00
15) 4-Methylphenol-d8	8.587	113	247849	12.484	ng/u1	0.00
21) Nitrobenzene-d5	9.040	128	240998	27.091	ng/u1	0.00
24) 2-Nitrophenol-d4	9.763	143	262610	27.592	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.305	165	446911	25.386	ng/u1	0.00
31) 4-Chloroaniline-d4	10.828	131	911803m	33.974	ng/u1	0.00
46) Dimethylphthalate-d6	13.940	166	1458785	28.095	ng/u1	0.00
49) Acenaphthylene-d8	14.216	160	1743363	29.452	ng/u1	0.00
54) 4-Nitrophenol-d4	14.740	143	59955	5.576	ng/u1	0.02
60) Fluorene-d10	15.522	176	1291600	28.643	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	227867	25.661	ng/u1	0.01
73) Anthracene-d10	17.381	188	2005620	30.011	ng/u1	0.00
81) Pyrene-d10	19.616	212	2248786	29.720	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.639	264	2388773	29.454	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	7.075	94	42053	1.688	ng/u1	95
13) 2-Methylphenol	8.322	108	37274	1.899	ng/u1	91
26) 2,4-Dimethylphenol	9.858	107	219226m	10.735	ng/u1	
37) 1-Methylnaphthalene	12.563	142	2801488	63.730	ng/u1	98
43) 1,1'-Biphenyl	13.357	154	372638	6.938	ng/u1	100
50) Acenaphthylene	14.246	152	2862381	43.540	ng/u1	99
52) Acenaphthene	14.593	153	3757170	81.005	ng/u1	99
56) Dibenzofuran	14.922	168	2913264	45.858	ng/u1	98
61) Fluorene	15.575	166	2678566	51.479	ng/u1	98
72) Phenanthrene	17.322	178	1313138	16.287	ng/u1	99
74) Anthracene	17.416	178	925947	11.414	ng/u1	100
77) Carbazole	17.692	167	1878625	25.631	ng/u1	99
80) Fluoranthene	19.292	202	1696533	18.321	ng/u1	99
82) Pyrene	19.645	202	1378584	14.299	ng/u1	98
85) Benzo(a)anthracene	21.351	228	613967	6.284	ng/u1	95
87) Chrysene	21.404	228	472408	5.152	ng/u1	97
90) Benzo(b)fluoranthene	23.057	252	508409	4.917	ng/u1	96
91) Benzo(k)fluoranthene	23.098	252	198972m	1.998	ng/u1	
93) Benzo(a)pyrene	23.692	252	451855	4.896	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.321	276	237012	2.018	ng/u1	97
96) Benzo(g,h,i)perylene	27.104	276	208377	2.001	ng/u1	95

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

Instrument :

BNA_P

ClientSampleId :

E10037

Manual Integrations

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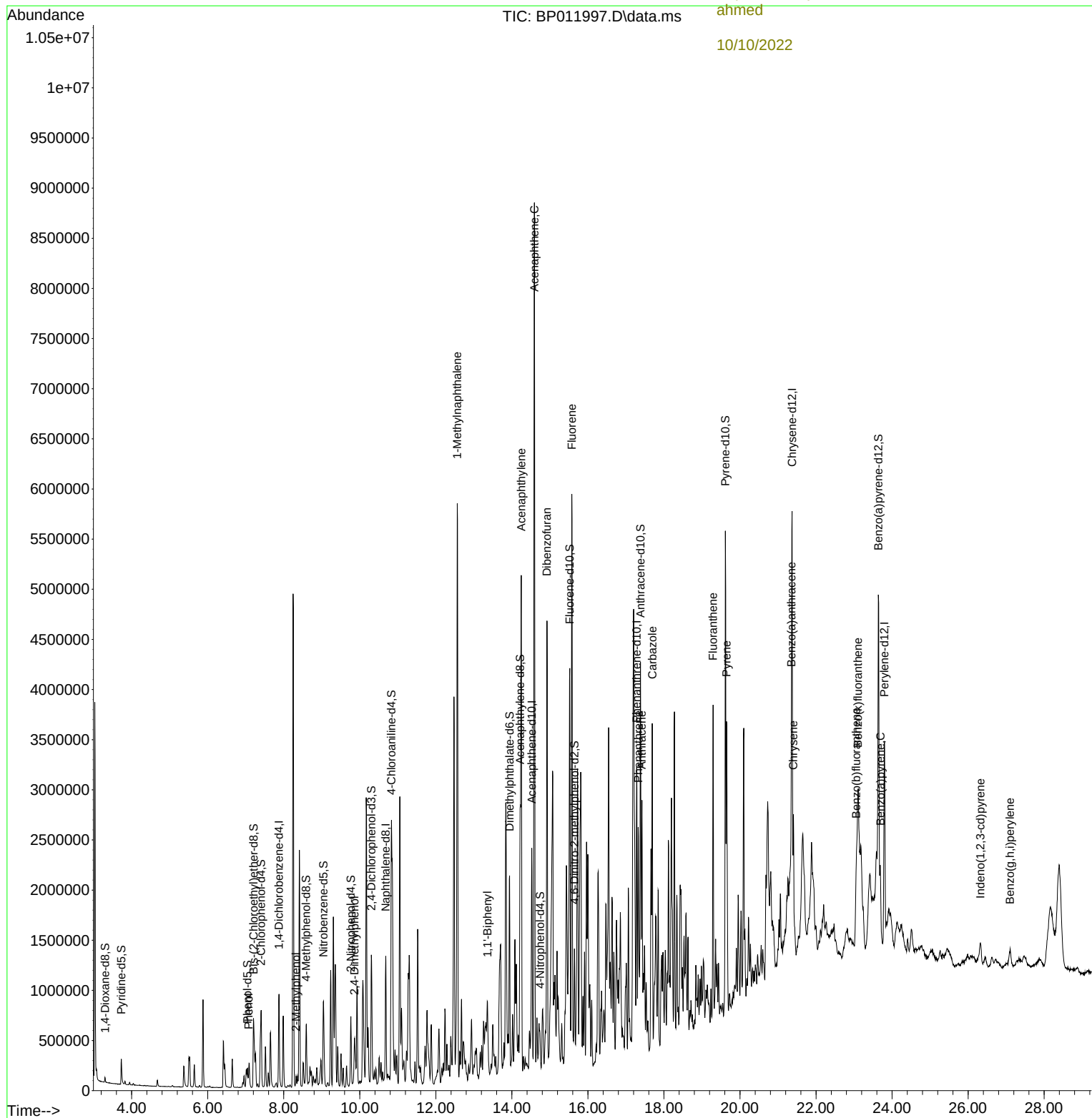
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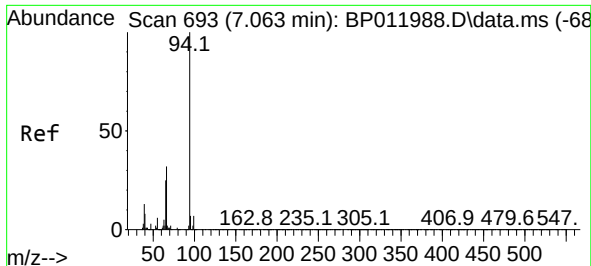
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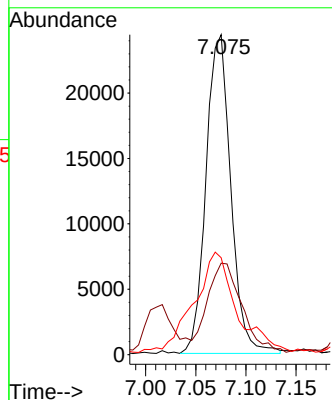
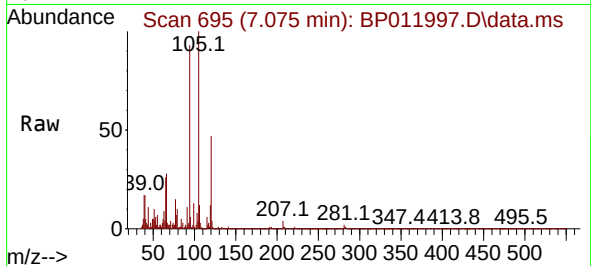
#8
Phenol
Concen: 1.688 ng/ul
RT: 7.075 min Scan# 693
Delta R.T. 0.012 min
Lab File: BP011997.D
Acq: 07 Oct 2022 07:10

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 4205
Ion Ratio Lower Upper
94 100
65 28.6 19.5 29.3
66 30.3 25.0 37.4

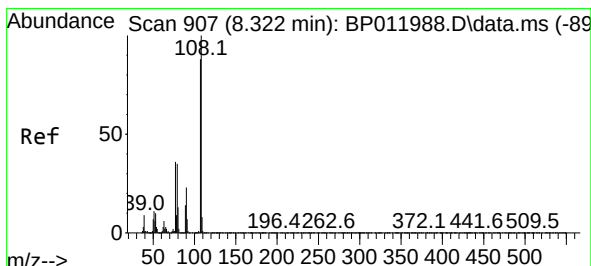
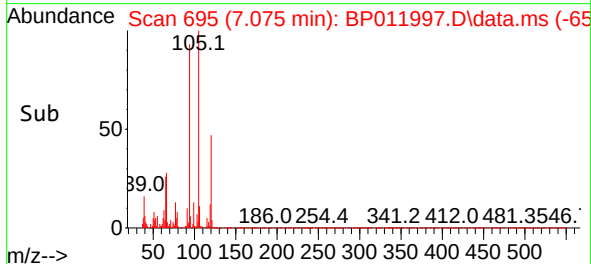
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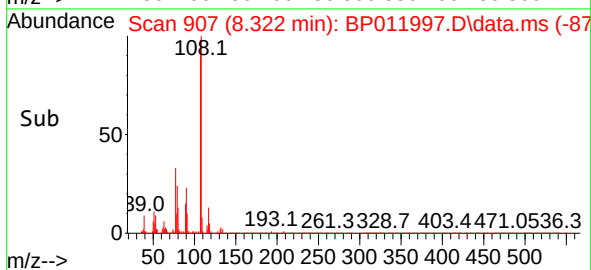
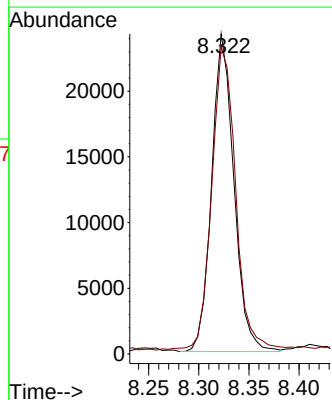
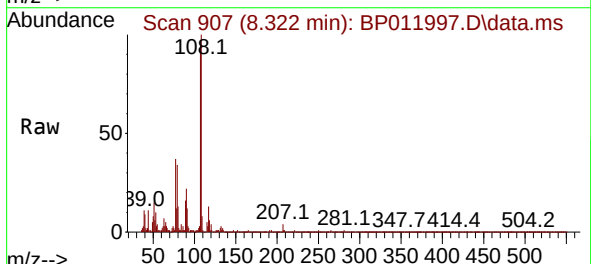
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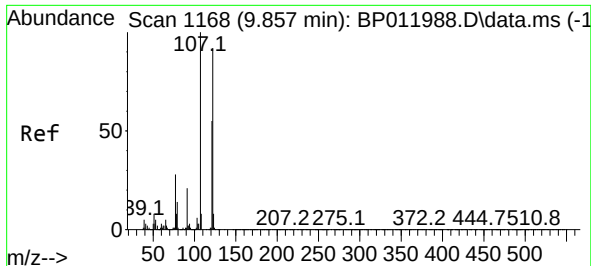
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#13
2-Methylphenol
Concen: 1.899 ng/ul
RT: 8.322 min Scan# 907
Delta R.T. 0.000 min
Lab File: BP011997.D
Acq: 07 Oct 2022 07:10

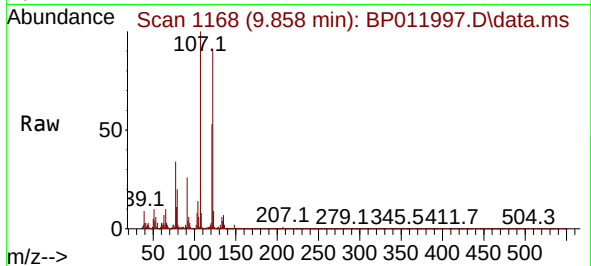
Tgt Ion:108 Resp: 37274
Ion Ratio Lower Upper
108 100
107 96.1 70.2 105.2





#26
2,4-Dimethylphenol
Concen: 10.735 ng/ul m
RT: 9.858 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BP011997.D
Acq: 07 Oct 2022 07:10

Instrument :
BNA_P
ClientSampleId :
E10037



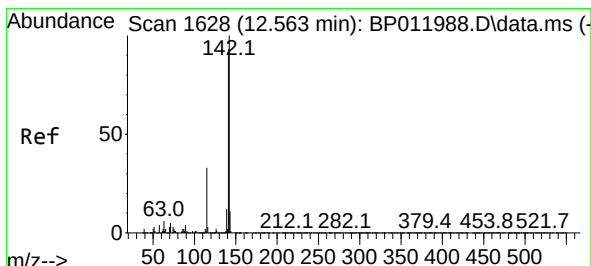
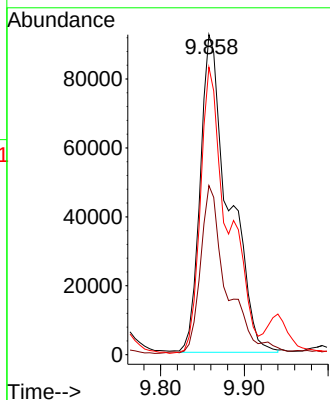
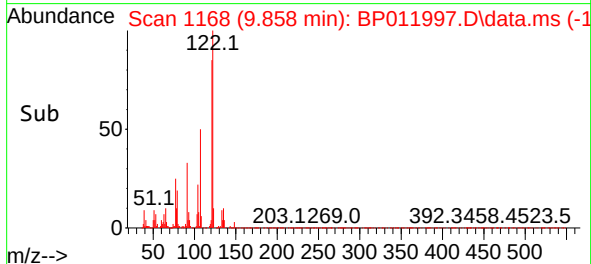
Tgt Ion:107 Resp: 219220
Ion Ratio Lower Upper
107 100
121 52.9 43.0 64.6
122 89.8 74.9 112.3

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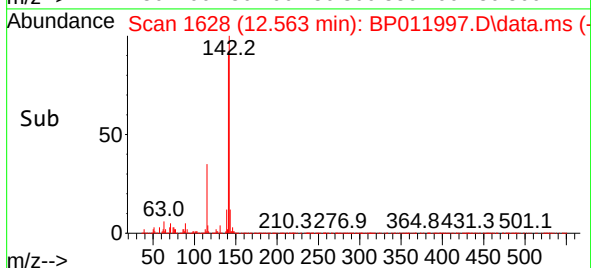
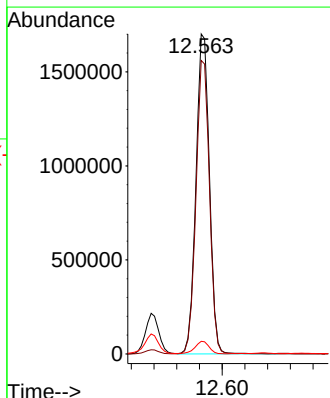
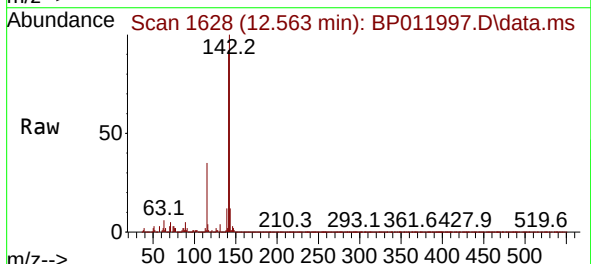
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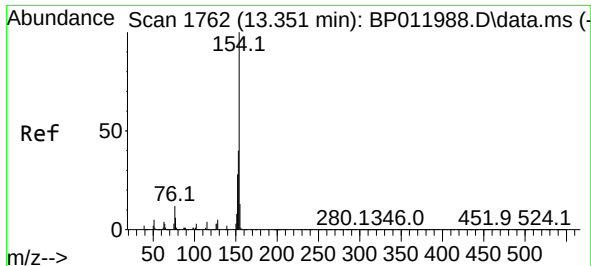
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#37
1-Methylnaphthalene
Concen: 63.730 ng/ul
RT: 12.563 min Scan# 1628
Delta R.T. 0.000 min
Lab File: BP011997.D
Acq: 07 Oct 2022 07:10

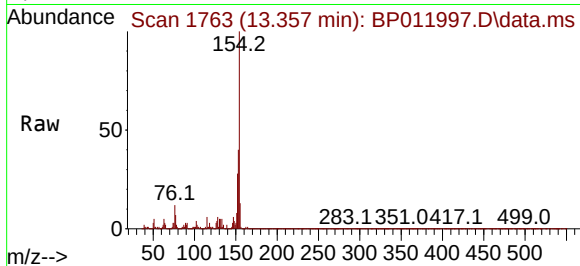
Tgt Ion:142 Resp: 2801488
Ion Ratio Lower Upper
142 100
141 91.7 74.8 112.2
116 4.0 2.9 4.3





#43
1,1'-Biphenyl
Concen: 6.938 ng/ul
RT: 13.357 min Scan# 1762
Delta R.T. 0.006 min
Lab File: BP011997.D
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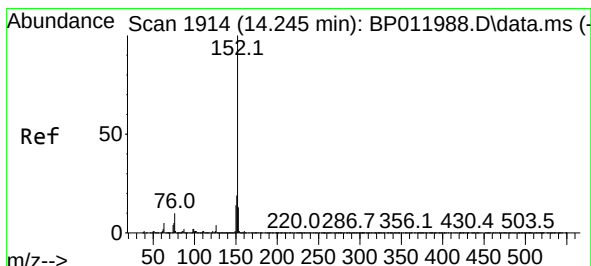
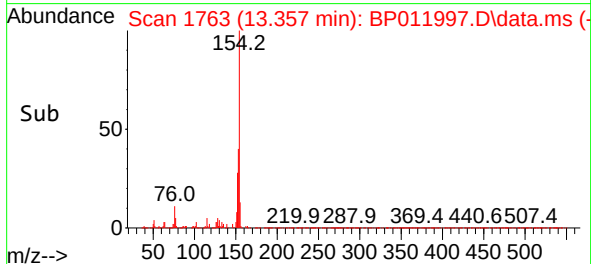
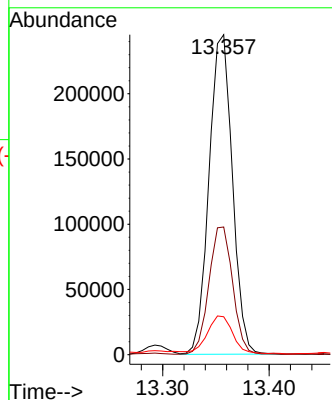
Tgt Ion:154 Resp: 372638
Ion Ratio Lower Upper
154 100
153 39.9 31.8 47.6
76 11.9 9.5 14.3

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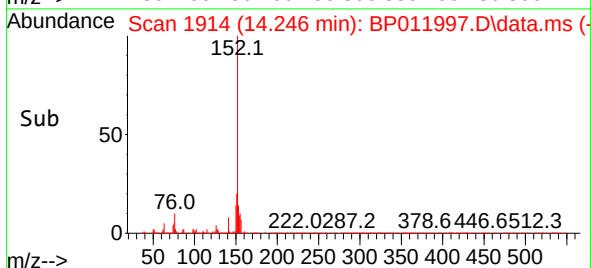
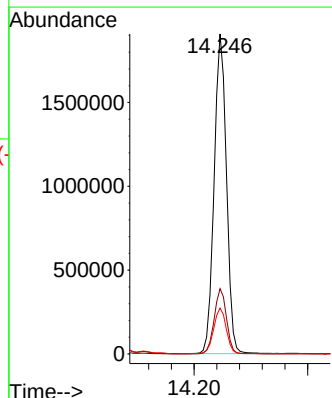
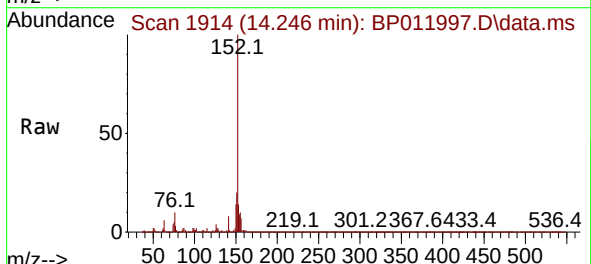
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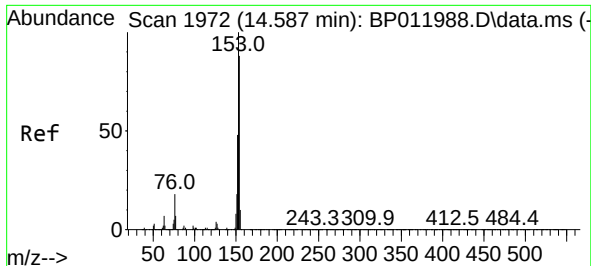
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#50
Acenaphthylene
Concen: 43.540 ng/ul
RT: 14.246 min Scan# 1914
Delta R.T. 0.000 min
Lab File: BP011997.D
Acq: 07 Oct 2022 07:10

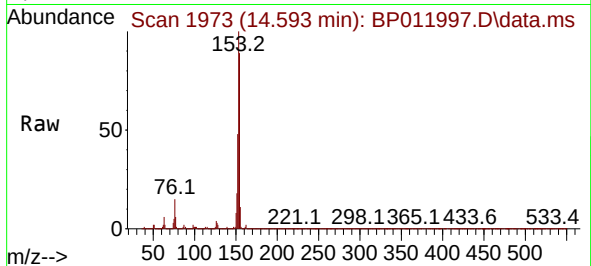
Tgt Ion:152 Resp: 2862381
Ion Ratio Lower Upper
152 100
151 20.4 16.0 24.0
153 14.4 10.8 16.2





#52
Acenaphthene
Concen: 81.005 ng/u1
RT: 14.593 min Scan# 1973
Delta R.T. 0.006 min
Lab File: BP011997.D
Acq: 07 Oct 2022 07:10

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E10037



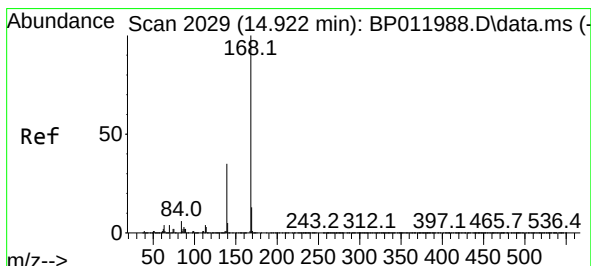
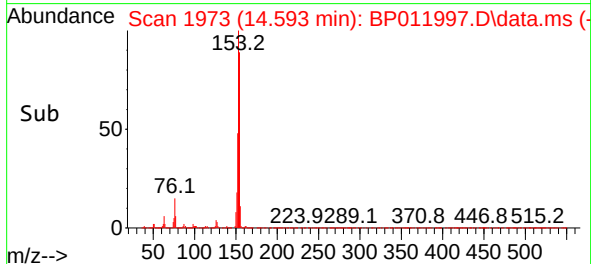
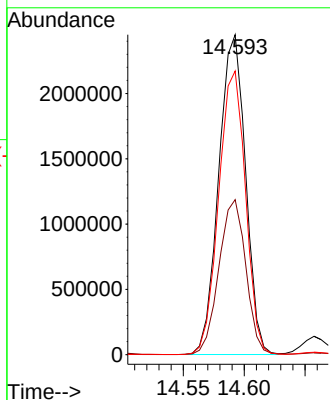
Tgt Ion:153 Resp: 3757170
Ion Ratio Lower Upper
153 100
152 48.5 38.4 57.6
154 88.7 70.6 105.8

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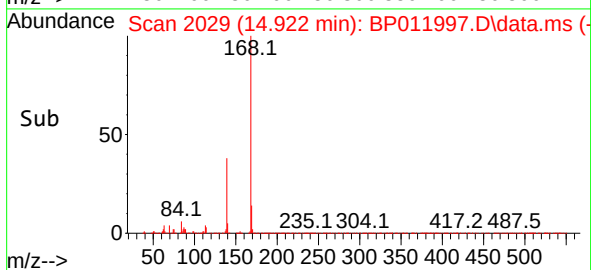
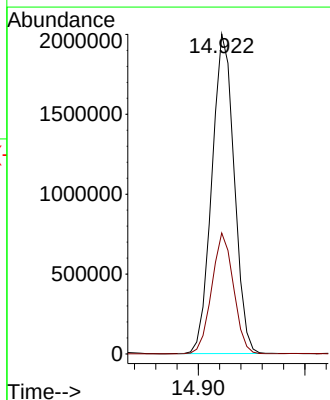
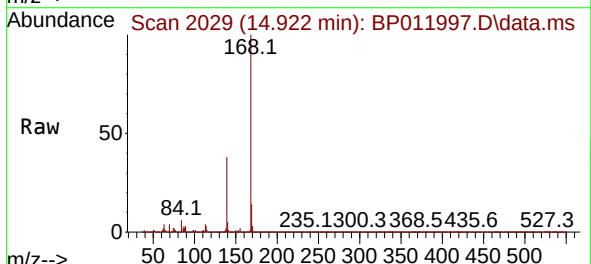
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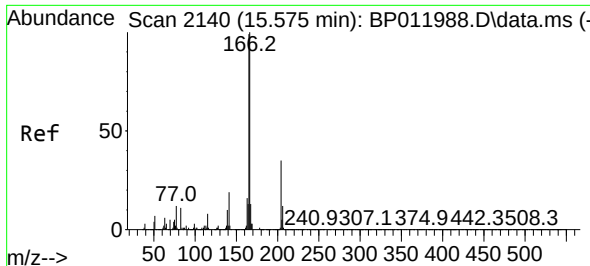
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#56
Dibenzofuran
Concen: 45.858 ng/u1
RT: 14.922 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BP011997.D
Acq: 07 Oct 2022 07:10

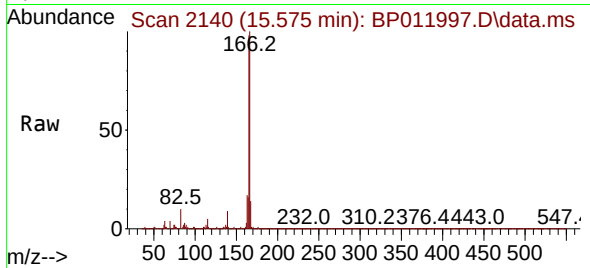
Tgt Ion:168 Resp: 2913264
Ion Ratio Lower Upper
168 100
139 37.8 29.4 44.2





#61
Fluorene
Concen: 51.479 ng/ul
RT: 15.575 min Scan# 2140
Delta R.T. 0.000 min
Lab File: BP011997.D
Acq: 07 Oct 2022 07:10

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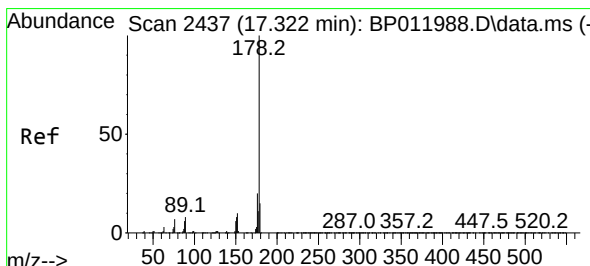
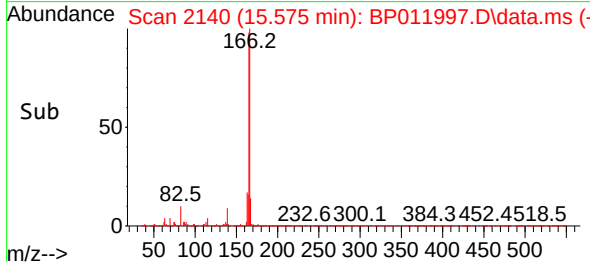
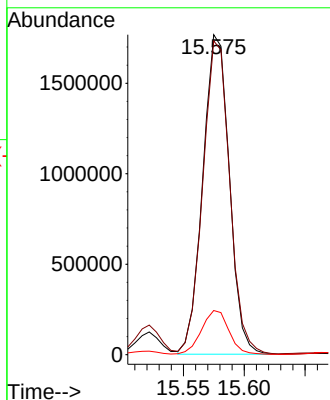
Tgt Ion:166 Resp: 267856
Ion Ratio Lower Upper
166 100
165 98.1 77.2 115.8
167 13.8 10.7 16.1

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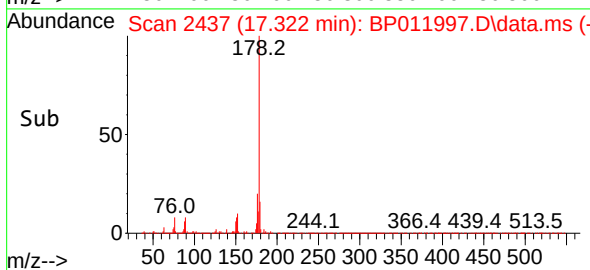
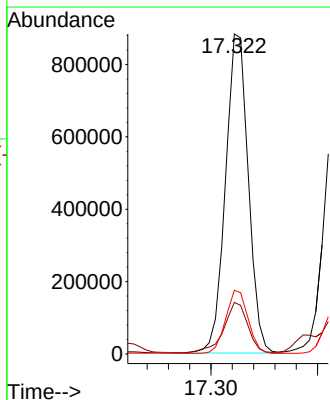
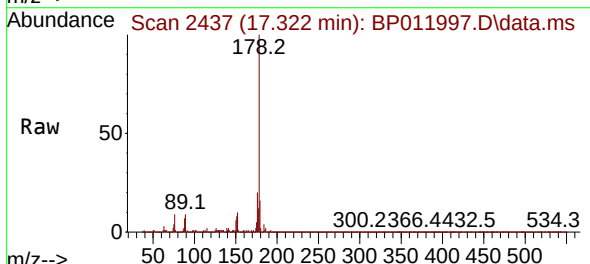
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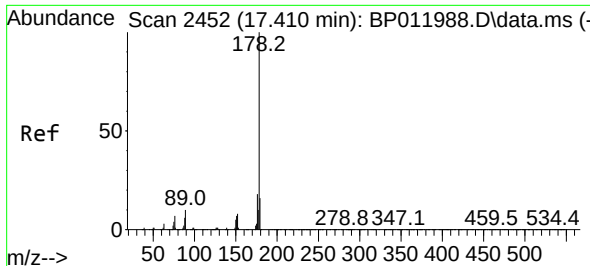
10/10/2022



#72
Phenanthrene
Concen: 16.287 ng/ul
RT: 17.322 min Scan# 2437
Delta R.T. 0.000 min
Lab File: BP011997.D
Acq: 07 Oct 2022 07:10

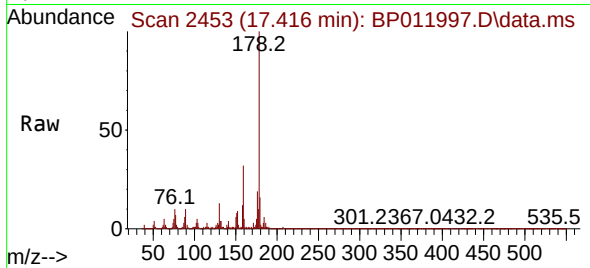
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Ion Ratio Lower Upper
178 100
179 16.1 12.5 18.7
176 19.9 15.4 23.2





#74
 Anthracene
 Concen: 11.414 ng/ul
 RT: 17.416 min Scan# 2452
 Delta R.T. 0.006 min
 Lab File: BP011997.D
 Acq: 07 Oct 2022 07:10

Instrument :
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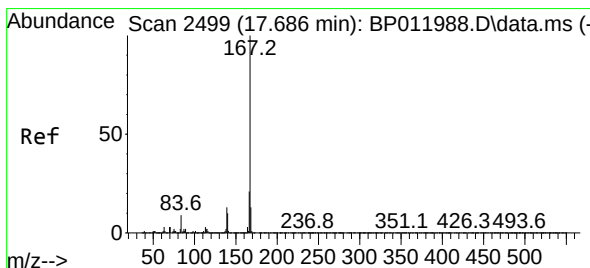
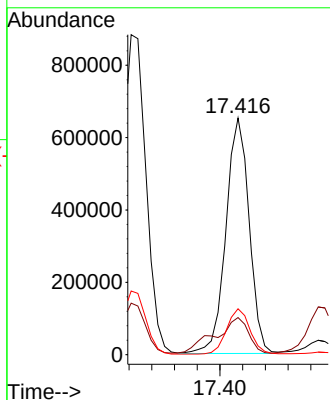
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 Ion Ratio Lower Upper
 178 100
 179 15.7 12.3 18.5
 176 19.4 15.4 23.2

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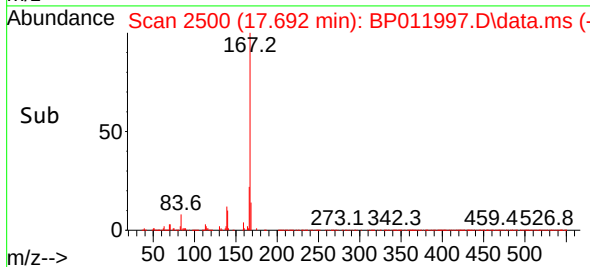
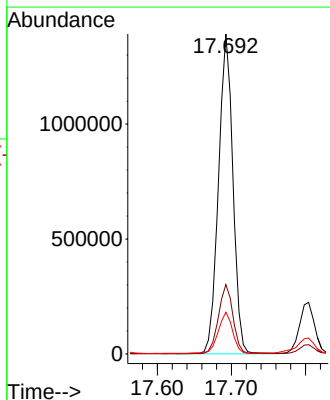
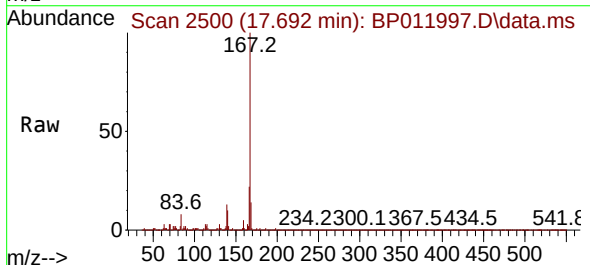
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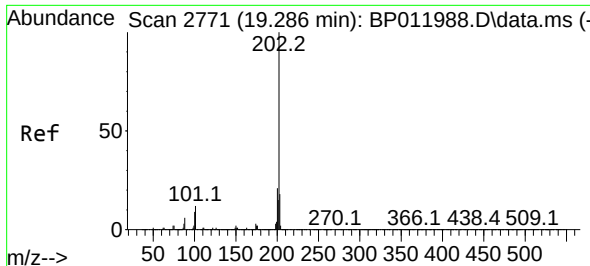
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#77
 Carbazole
 Concen: 25.631 ng/ul
 RT: 17.692 min Scan# 2500
 Delta R.T. 0.006 min
 Lab File: BP011997.D
 Acq: 07 Oct 2022 07:10

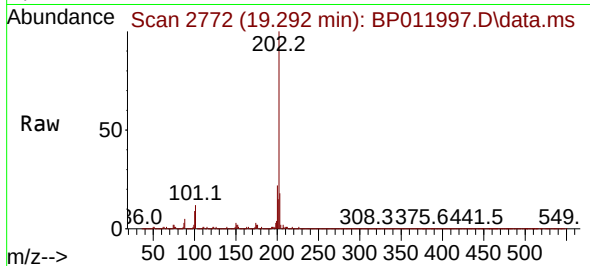
Tgt Ion:167 Resp: 1878625
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.1 25.7
 139 13.1 10.1 15.1





#80
Fluoranthene
Concen: 18.321 ng/u1
RT: 19.292 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP011997.D
Acq: 07 Oct 2022 07:10

Instrument :
BNA_P
ClientSampleId :
E10037



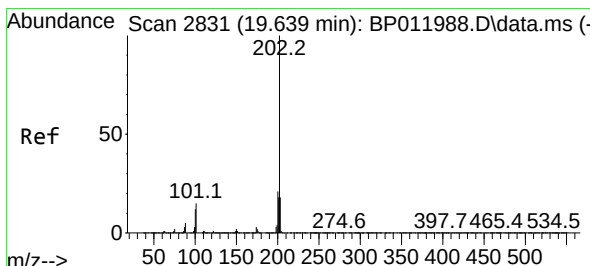
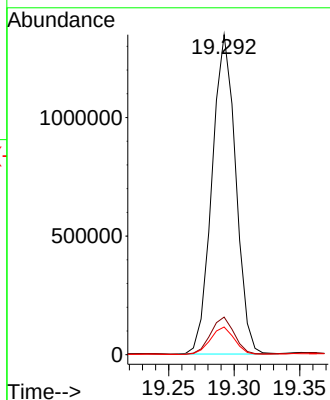
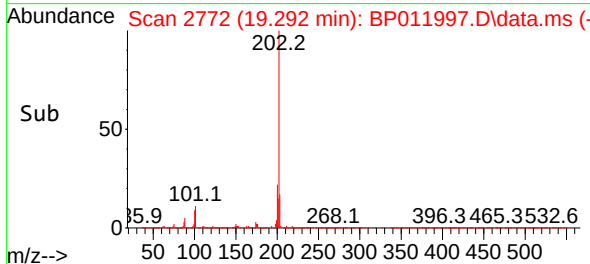
Tgt Ion:202 Resp: 169653
Ion Ratio Lower Upper
202 100
101 11.7 9.8 14.6
100 8.6 7.4 11.0

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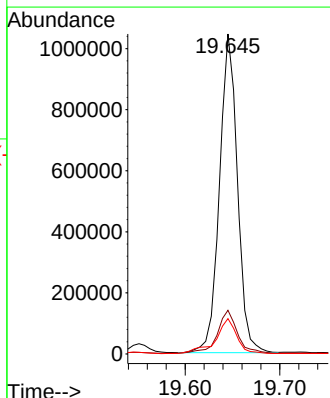
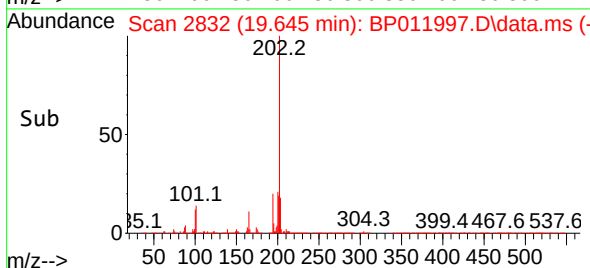
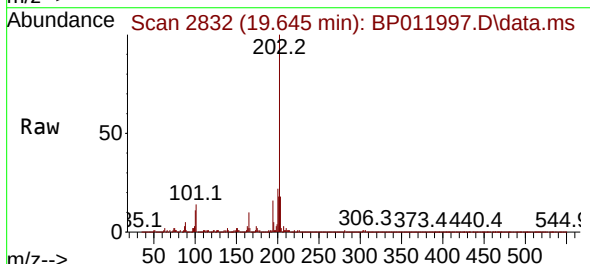
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ahmed

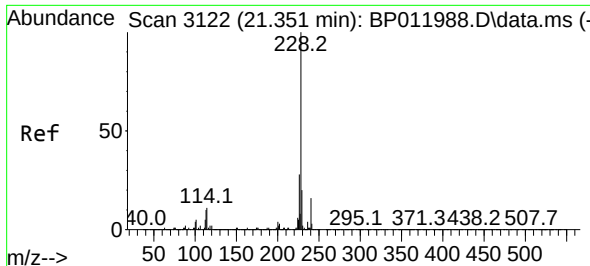
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#82
Pyrene
Concen: 14.299 ng/u1
RT: 19.645 min Scan# 2832
Delta R.T. 0.006 min
Lab File: BP011997.D
Acq: 07 Oct 2022 07:10

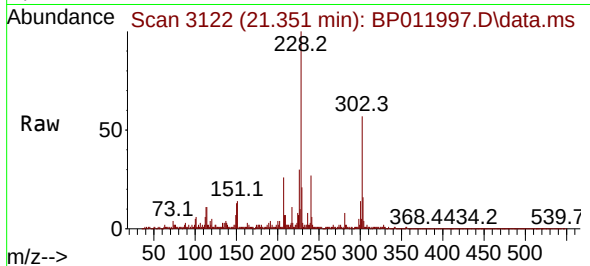
Tgt Ion:202 Resp: 1378584
Ion Ratio Lower Upper
202 100
101 13.7 11.6 17.4
100 11.1 9.4 14.0





#85
Benzo(a)anthracene
Concen: 6.284 ng/ul
RT: 21.351 min Scan# 3122
Delta R.T. 0.000 min
Lab File: BP011997.D
Acq: 07 Oct 2022 07:10

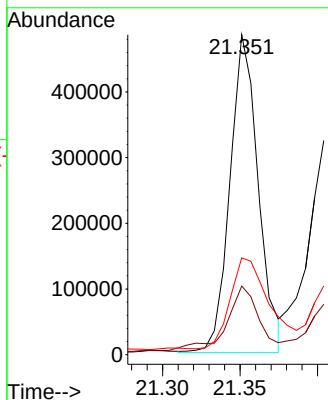
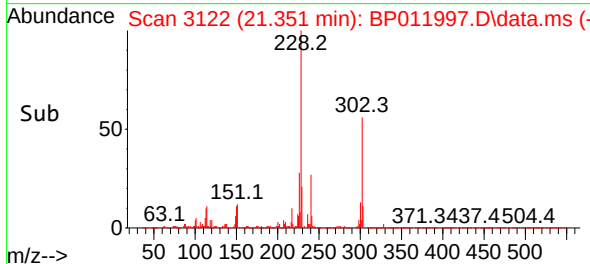
Instrument :
BNA_P
ClientSampleId :
E10037



Tgt Ion:228 Resp: 61396
Ion Ratio Lower Upper
228 100
229 21.5 15.8 23.6
226 30.2 22.0 33.0

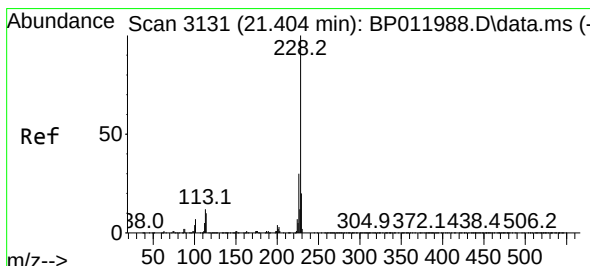
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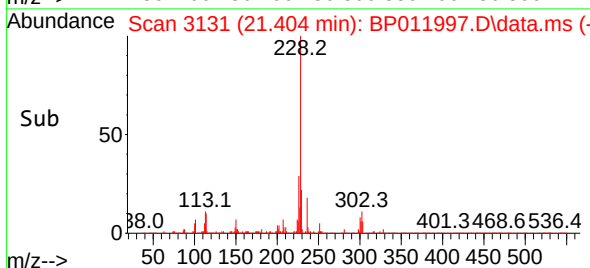
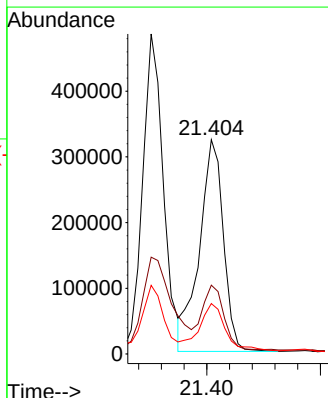
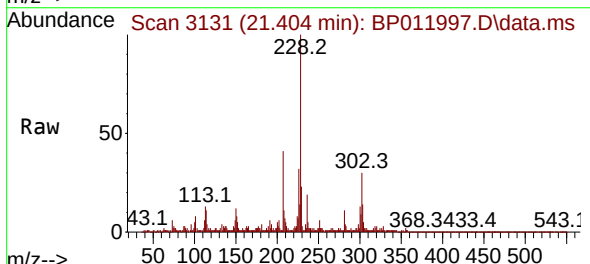
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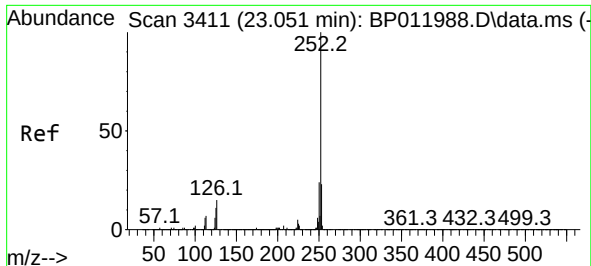
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#87
Chrysene
Concen: 5.152 ng/ul
RT: 21.404 min Scan# 3131
Delta R.T. 0.000 min
Lab File: BP011997.D
Acq: 07 Oct 2022 07:10

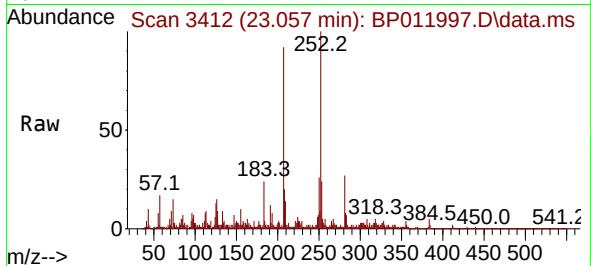
Tgt Ion:228 Resp: 472408
Ion Ratio Lower Upper
228 100
226 32.1 25.3 37.9
229 23.5 16.2 24.2





#90
Benzo(b)fluoranthene
Concen: 4.917 ng/ul
RT: 23.057 min Scan# 3411
Delta R.T. 0.006 min
Lab File: BP011997.D
Acq: 07 Oct 2022 07:10

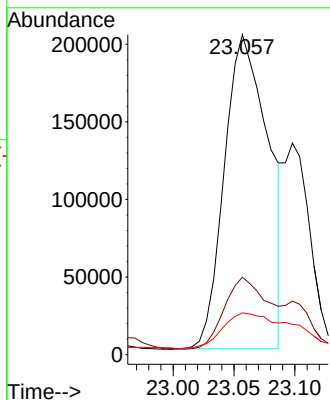
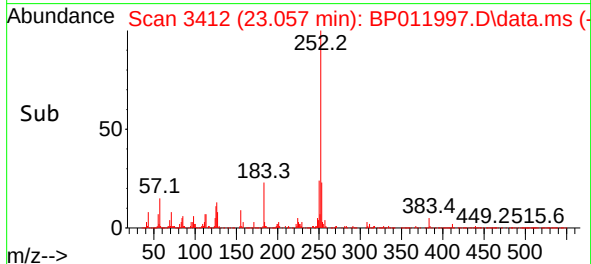
Instrument :
BNA_P
ClientSampleId :
E10037



Tgt Ion:252 Resp: 508409
Ion Ratio Lower Upper
252 100
253 24.2 17.8 26.8
125 13.0 9.2 13.8

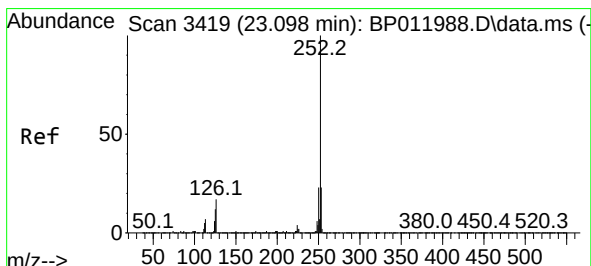
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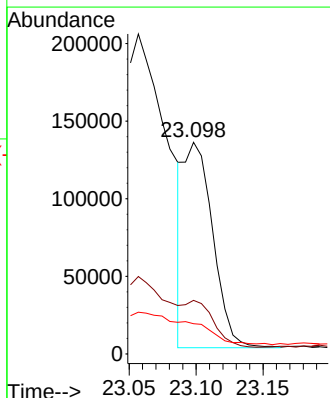
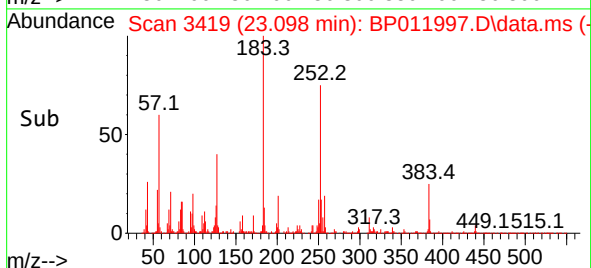
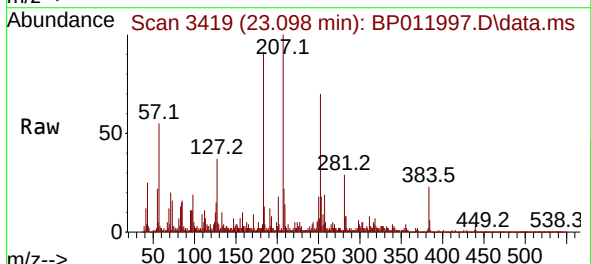
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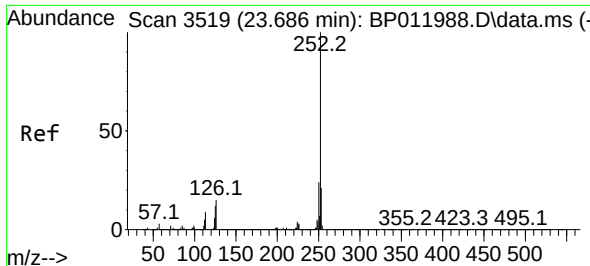
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#91
Benzo(k)fluoranthene
Concen: 1.998 ng/ul m
RT: 23.098 min Scan# 3419
Delta R.T. 0.000 min
Lab File: BP011997.D
Acq: 07 Oct 2022 07:10

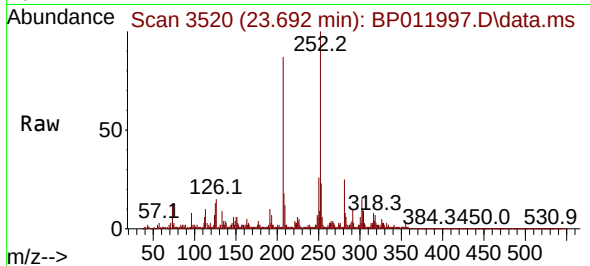
Tgt Ion:252 Resp: 198972
Ion Ratio Lower Upper
252 100
253 25.3 18.0 27.0
125 14.3 9.2 13.8#





#93
Benzo(a)pyrene
Concen: 4.896 ng/ul
RT: 23.692 min Scan# 3520
Delta R.T. 0.006 min
Lab File: BP011997.D
Acq: 07 Oct 2022 07:10

Instrument :
BNA_P
ClientSampleId :
E10037



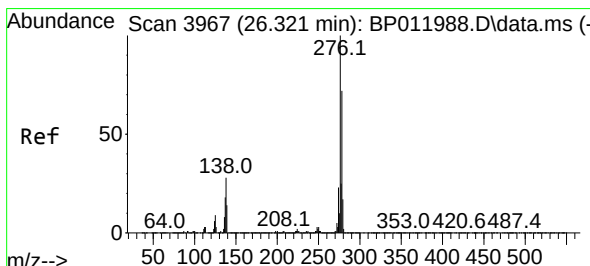
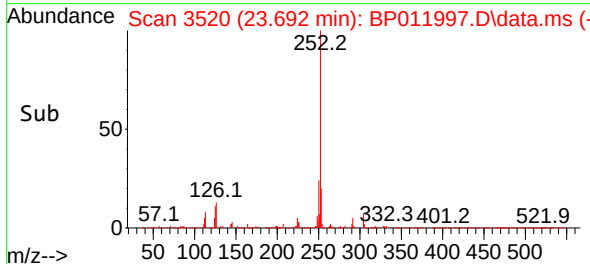
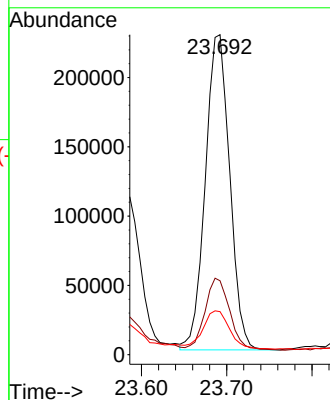
Tgt Ion:252 Resp: 45185
Ion Ratio Lower Upper
252 100
253 23.1 17.7 26.5
125 13.4 9.8 14.8

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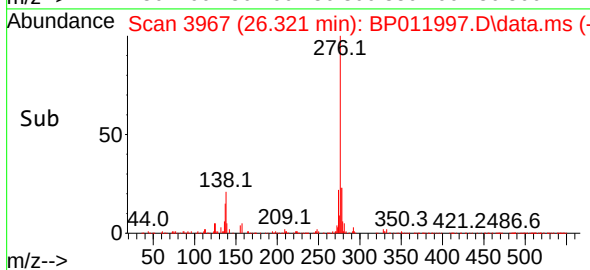
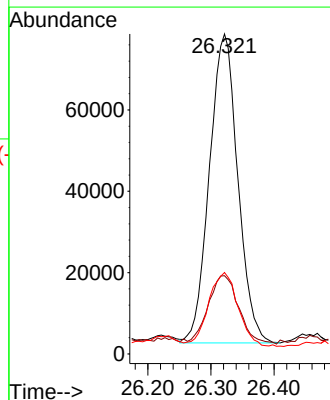
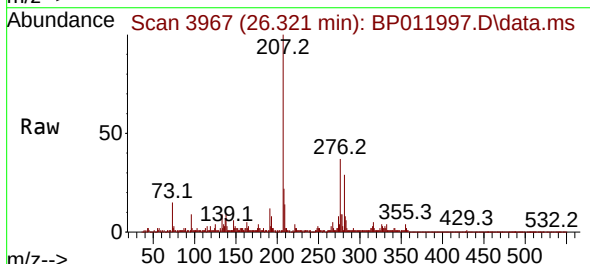
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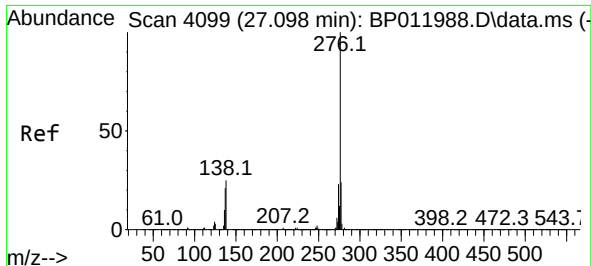
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#94
Indeno(1,2,3-cd)pyrene
Concen: 2.018 ng/ul
RT: 26.321 min Scan# 3967
Delta R.T. 0.000 min
Lab File: BP011997.D
Acq: 07 Oct 2022 07:10

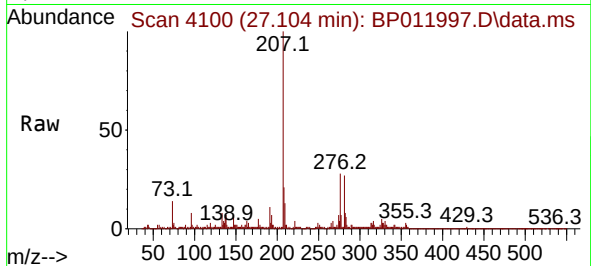
Tgt Ion:276 Resp: 237012
Ion Ratio Lower Upper
276 100
138 24.4 21.4 32.0
277 25.4 19.9 29.9





#96
 Benzo(g,h,i)perylene
 Concen: 2.001 ng/ul
 RT: 27.104 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: BP011997.D
 Acq: 07 Oct 2022 07:10

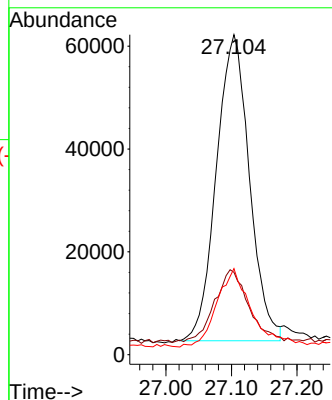
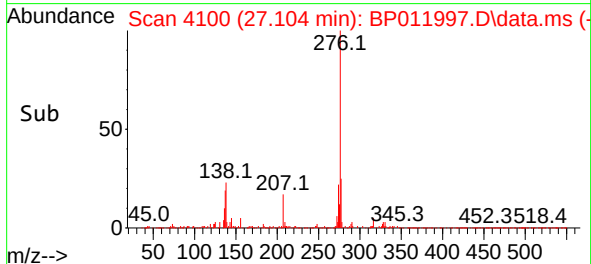
Instrument :
 BNA_P
 ClientSampleId :
 E10037



Tgt Ion:	276	Resp:	20837
Ion Ratio	Lower	Upper	
276	100		
138	25.8	19.8	29.6
277	26.9	18.6	27.8

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