

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061621\
 Data File : BM030474.D
 Acq On : 16 Jun 2021 19:57
 Operator : CG/JU
 Sample : M2596-15
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BG5R4

Manual Integrations
 APPROVED

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Quant Time: Jun 17 04:12:20 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 16 18:05:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	139120	20.000	ng/ul	0.00
20) Naphthalene-d8	10.610	136	521847	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.445	164	317275	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.186	188	730798	20.000	ng/ul	0.00
79) Chrysene-d12	21.356	240	967834	20.000	ng/ul	0.01
88) Perylene-d12	23.633	264	1041413	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	7918	2.173	ng/uL	0.00
4) Pyridine-d5	3.740	84	53328m	5.570	ng/ul	0.02
7) Phenol-d5	6.993	99	204398	16.905	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.157	67	122416	15.687	ng/ul	0.00
11) 2-Chlorophenol-d4	7.357	132	168344	19.252	ng/ul	0.00
15) 4-Methylphenol-d8	8.528	113	153743	15.921	ng/ul	0.00
21) Nitrobenzene-d5	8.975	128	73120	20.470	ng/ul	0.00
24) 2-Nitrophenol-d4	9.698	143	77394	21.815	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.239	165	146757	18.990	ng/ul	0.00
31) 4-Chloroaniline-d4	10.751	131	149217	12.631	ng/ul	0.00
46) Dimethylphthalate-d6	13.857	166	413881	19.009	ng/ul	0.00
49) Acenaphthylene-d8	14.139	160	544274	20.010	ng/ul	0.00
54) 4-Nitrophenol-d4	14.657	143	47242	11.592	ng/ul	0.01
60) Fluorene-d10	15.439	176	409847	21.026	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.557	200	40101	9.506	ng/ul	0.00
73) Anthracene-d10	17.286	188	704490	21.195	ng/ul	0.00
81) Pyrene-d10	19.574	212	664963	13.127	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.486	264	590915	11.379	ng/ul	0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.663	128	32819	1.241	ng/ul	97
50) Acenaphthylene	14.174	152	228093	8.779	ng/ul	100
52) Acenaphthene	14.510	153	87167	4.516	ng/ul	99
56) Dibenzofuran	14.845	168	71068	2.646	ng/ul	99
61) Fluorene	15.492	166	158061	7.010	ng/ul	98
72) Phenanthrene	17.227	178	4692598	118.756	ng/ul	98
74) Anthracene	17.315	178	1340060	33.602	ng/ul	100
77) Carbazole	17.586	167	157153	4.437	ng/ul	96
78) Di-n-butylphthalate	18.145	149	661203	17.825	ng/ul	99
80) Fluoranthene	19.245	202	11475509	184.358	ng/ul	97
82) Pyrene	19.603	202	6449419	97.975	ng/ul	96
83) Butylbenzylphthalate	20.492	149	33892	1.640	ng/ul#	88
85) Benzo(a)anthracene	21.345	228	6976230	119.294	ng/ul	93
86) Bis(2-ethylhexyl)phtha...	21.262	149	368832	11.768	ng/ul	96
87) Chrysene	21.392	228	6162620m	106.875	ng/ul	
90) Benzo(b)fluoranthene	22.956	252	7773280	116.122	ng/ul	98
91) Benzo(k)fluoranthene	22.991	252	2827997m	44.227	ng/ul	
93) Benzo(a)pyrene	23.533	252	1627005	27.807	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	25.938	276	1663394	23.099	ng/ul#	93
95) Dibenzo(a,h)anthracene	25.944	278	970450	16.006	ng/ul#	94

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

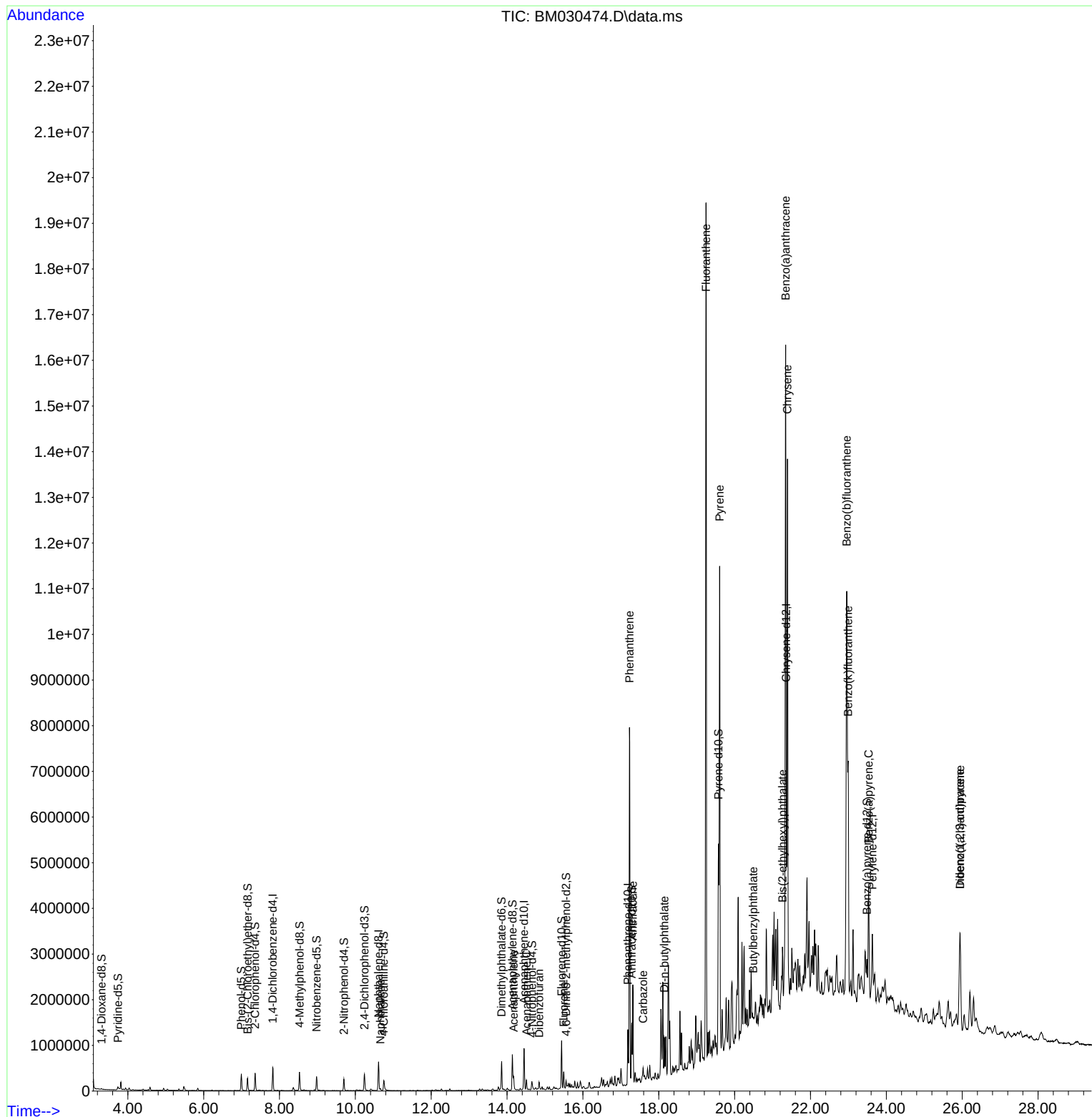
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Data File : BM030474.D
Acq On : 16 Jun 2021 19:57
Operator : CG/JU
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ALS Vial : 12 Sample Multiplier: 1

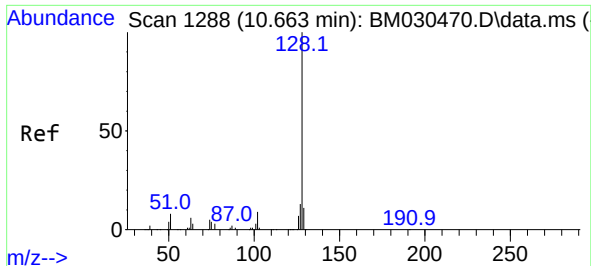
Instrument :
BNA_M
ClientSampleId :
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Quant Time: Jun 17 04:12:20 2021
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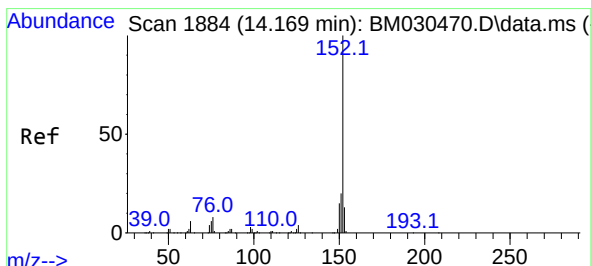
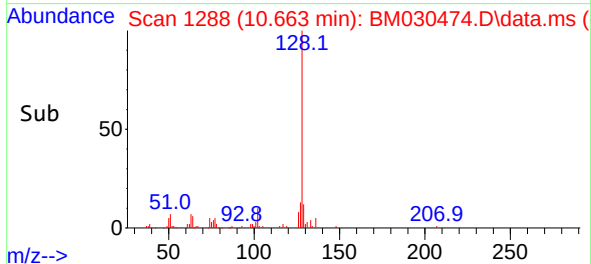
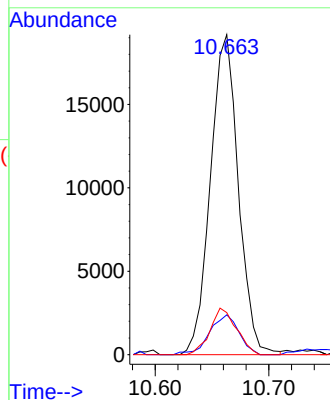
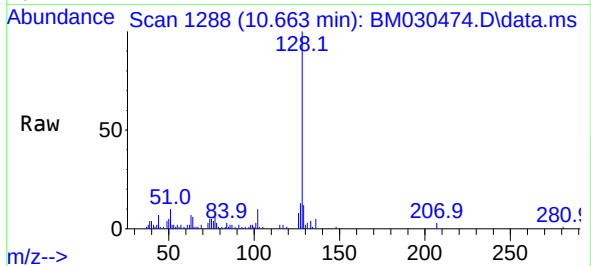
#30
Naphthalene
Concen: 1.241 ng/u1
RT: 10.663 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BM030474.D
Acq: 16 Jun 2021 19:57

Tgt Ion:	128	Resp:	32819
Ion	Ratio	Lower	Upper
128	100		
129	12.5	8.6	13.0
127	13.1	10.2	15.2

Instrument :
BNA_M
ClientSampled :
BG5R4

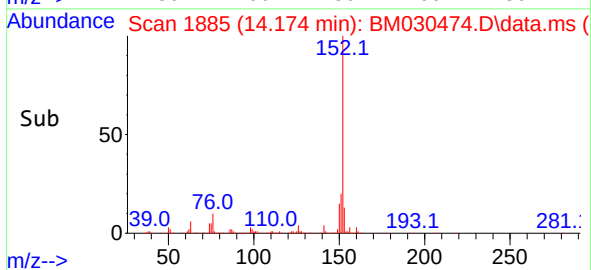
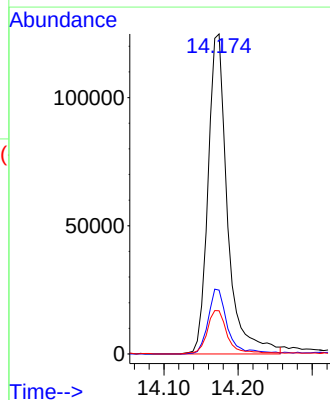
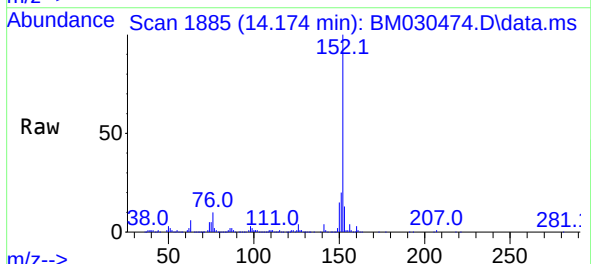
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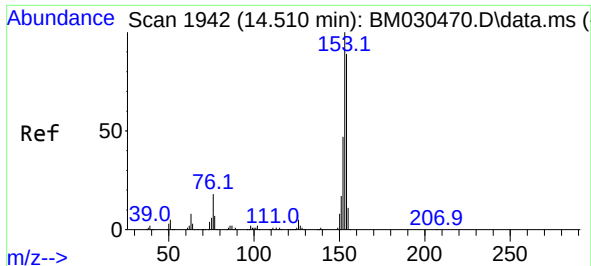
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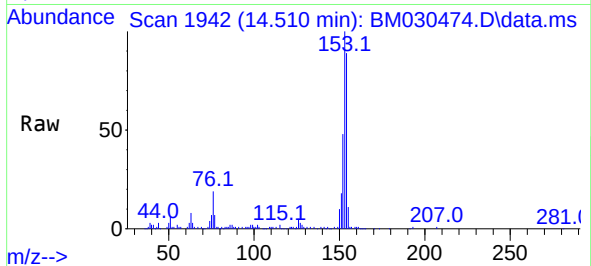
#50
Acenaphthylene
Concen: 8.779 ng/u1
RT: 14.174 min Scan# 1885
Delta R.T. 0.006 min
Lab File: BM030474.D
Acq: 16 Jun 2021 19:57

Tgt Ion:	152	Resp:	228093
Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.9	23.9
153	13.5	10.5	15.7

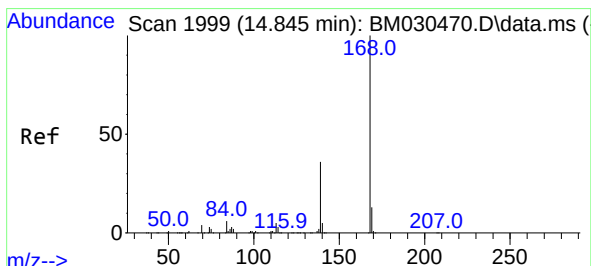
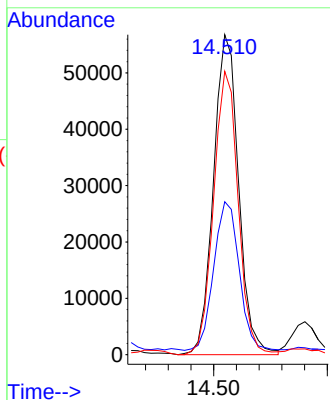
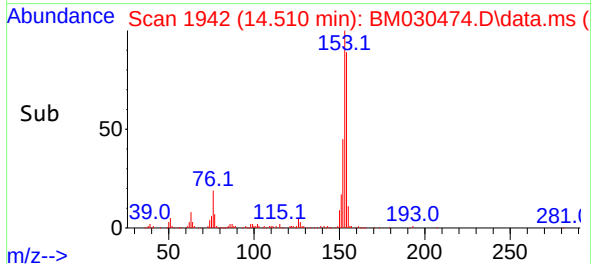




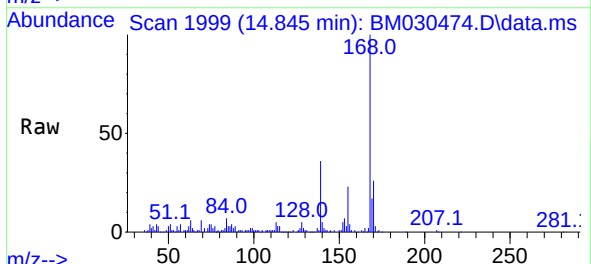
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Acenaphthene
Concen: 4.516 ng/ul
RT: 14.510 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BM030474.D
Acq: 16 Jun 2021 19:57



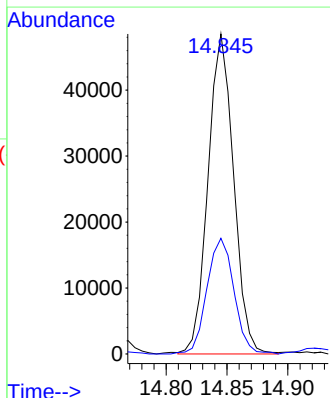
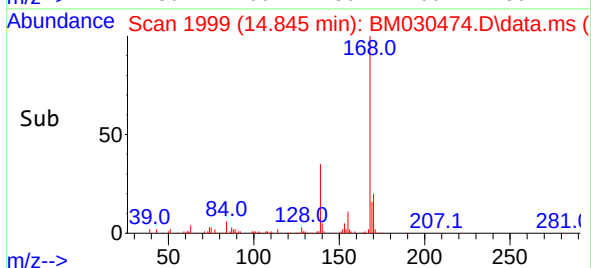
Tgt Ion:153 Resp: 87167
Ion Ratio Lower Upper
153 100
152 47.8 39.0 58.4
154 88.5 71.7 107.5



#56
Dibenzofuran
Concen: 2.646 ng/ul
RT: 14.845 min Scan# 1999
Delta R.T. 0.000 min
Lab File: BM030474.D
Acq: 16 Jun 2021 19:57



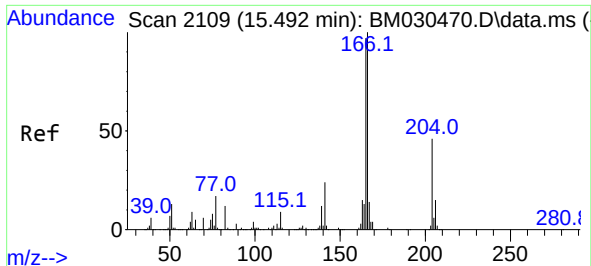
Tgt Ion:168 Resp: 71068
Ion Ratio Lower Upper
168 100
139 36.2 29.4 44.0



Instrument :
BNA_M
ClientSampleId :
BG5R4

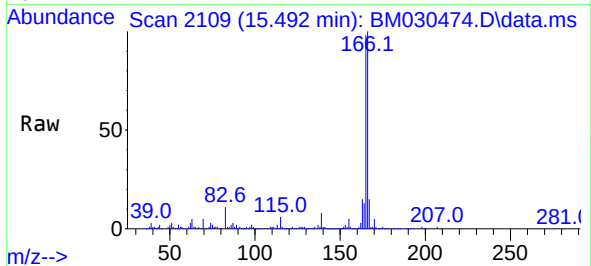
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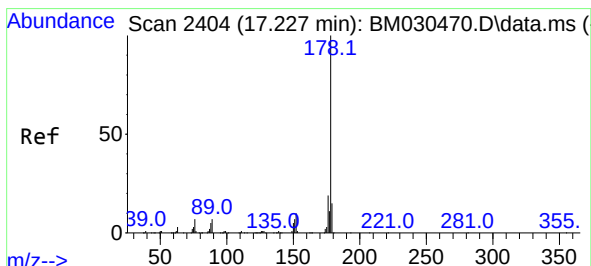
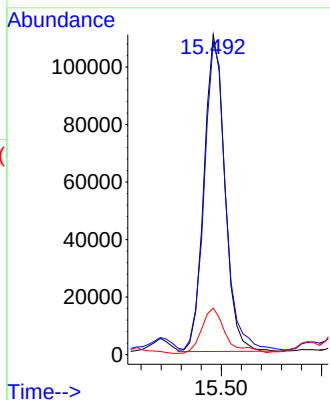
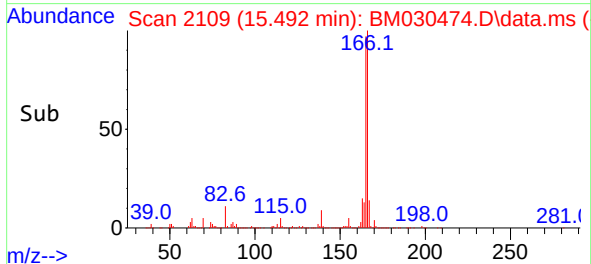


#61
Fluorene
Concen: 7.010 ng/u1
RT: 15.492 min Scan# 2109
Delta R.T. 0.000 min
Lab File: BM030474.D
Acq: 16 Jun 2021 19:57

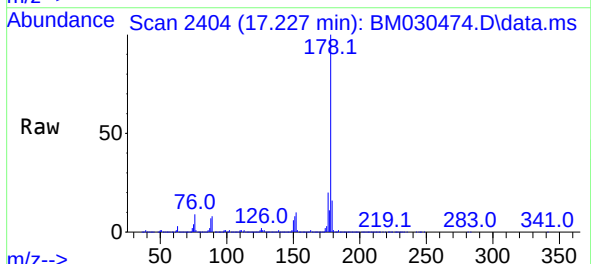
Instrument :
BNA_M
ClientSampled :
BG5R4



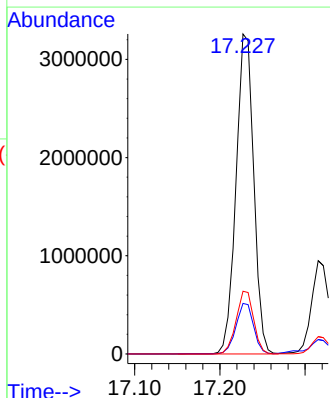
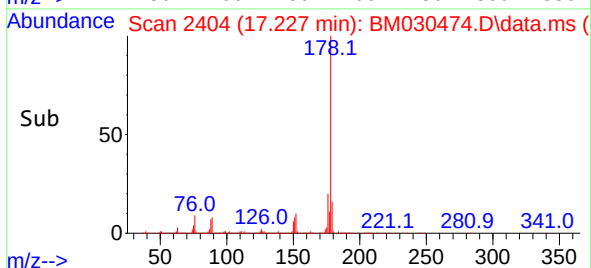
Tgt Ion:166 Resp: 158061
Ion Ratio Lower Upper
166 100
165 97.7 77.0 115.6
167 14.6 10.5 15.7

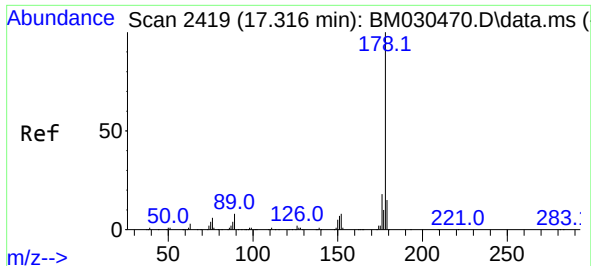


#72
Phenanthrene
Concen: 118.756 ng/u1
RT: 17.227 min Scan# 2404
Delta R.T. 0.000 min
Lab File: BM030474.D
Acq: 16 Jun 2021 19:57



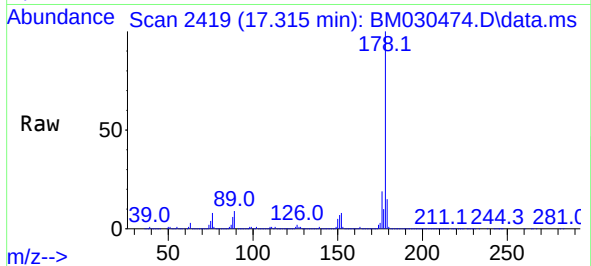
Tgt Ion:178 Resp: 4692598
Ion Ratio Lower Upper
178 100
179 15.8 12.2 18.2
176 19.6 15.0 22.6





#74
 Anthracene
 Concen: 33.602 ng/u1
 RT: 17.315 min Scan# 2419
 Delta R.T. 0.000 min
 Lab File: BM030474.D
 Acq: 16 Jun 2021 19:57

Instrument :
 BNA_M
 ClientSampled :
 BG5R4

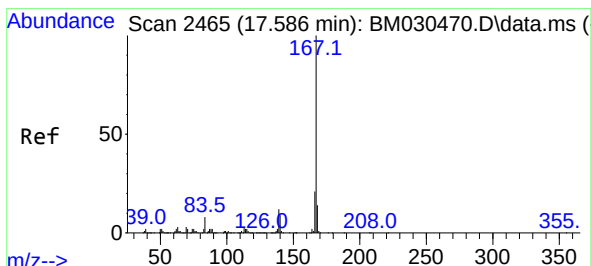
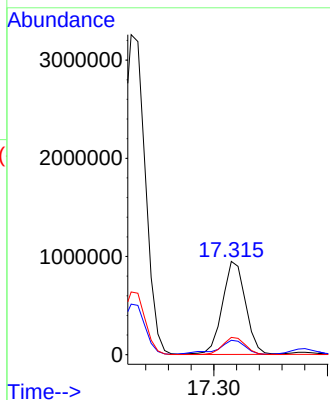
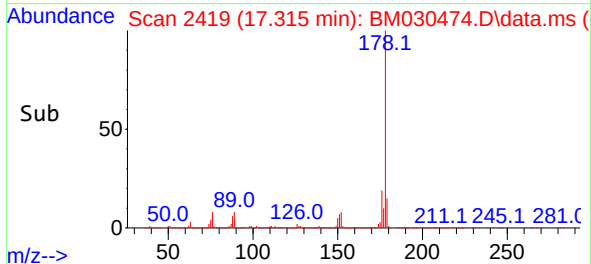


Tgt Ion:178 Resp: 1340060

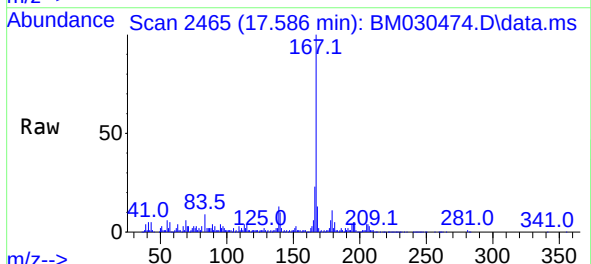
Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.5	18.7
176	18.6	15.0	22.4

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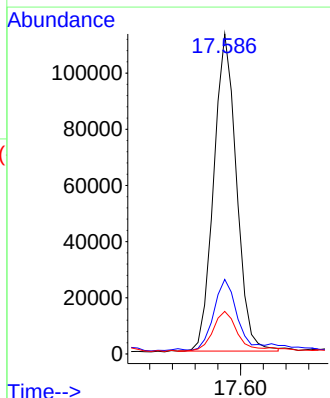
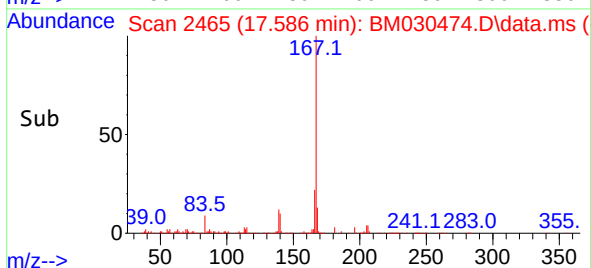


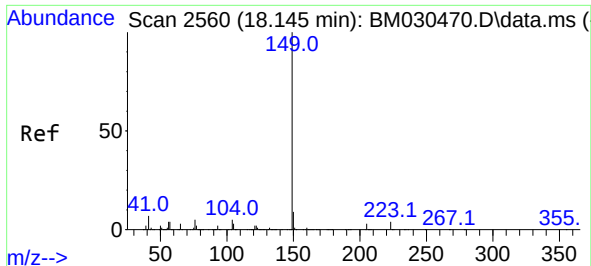
#77
 Carbazole
 Concen: 4.437 ng/u1
 RT: 17.586 min Scan# 2465
 Delta R.T. 0.000 min
 Lab File: BM030474.D
 Acq: 16 Jun 2021 19:57



Tgt Ion:167 Resp: 157153

Ion	Ratio	Lower	Upper
167	100		
166	23.3	16.7	25.1
139	13.3	9.8	14.8





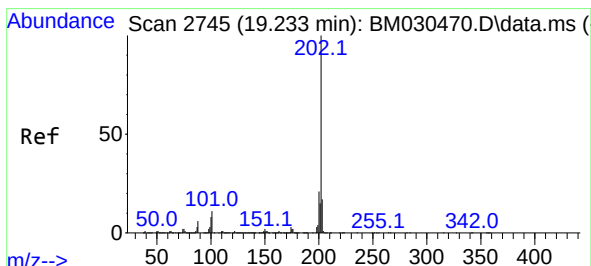
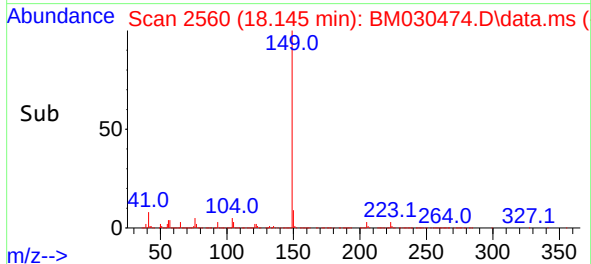
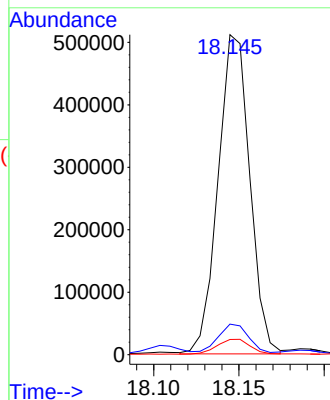
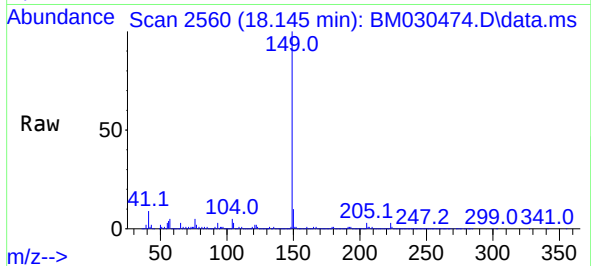
#78
Di-n-butylphthalate
Concen: 17.825 ng/ul
RT: 18.145 min Scan# 2560
Delta R.T. 0.000 min
Lab File: BM030474.D
Acq: 16 Jun 2021 19:57

Tgt Ion:149 Resp: 661203
Ion Ratio Lower Upper
149 100
150 9.5 7.4 11.2
104 4.8 4.1 6.1

Instrument :
BNA_M
ClientSampled :
BG5R4

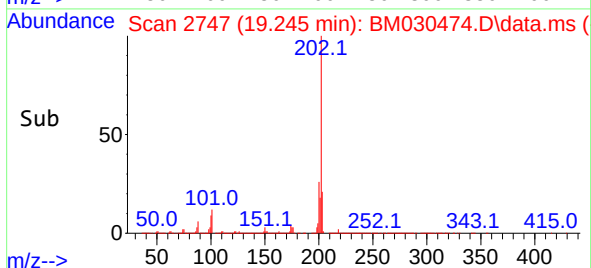
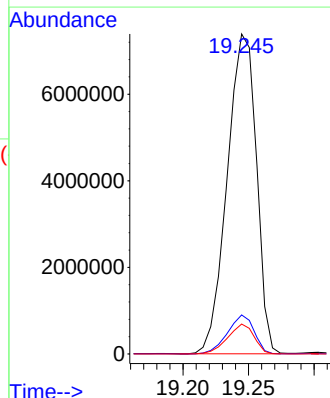
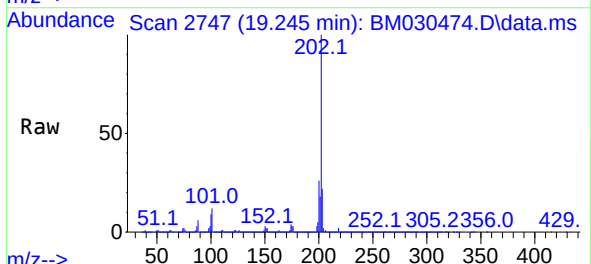
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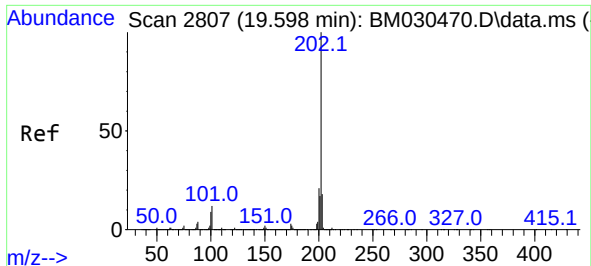
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#80
Fluoranthene
Concen: 184.358 ng/ul
RT: 19.245 min Scan# 2747
Delta R.T. 0.012 min
Lab File: BM030474.D
Acq: 16 Jun 2021 19:57

Tgt Ion:202 Resp:11475509
Ion Ratio Lower Upper
202 100
101 12.2 8.7 13.1
100 9.3 6.6 10.0





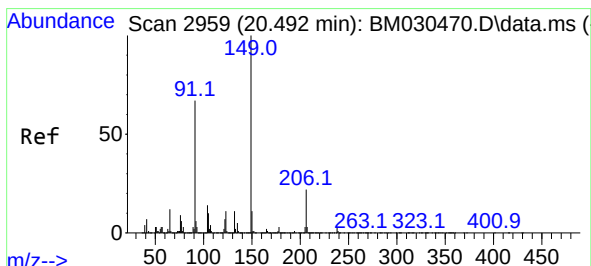
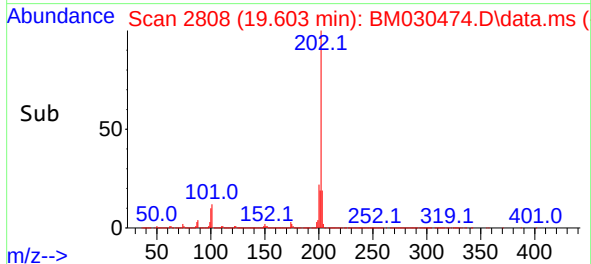
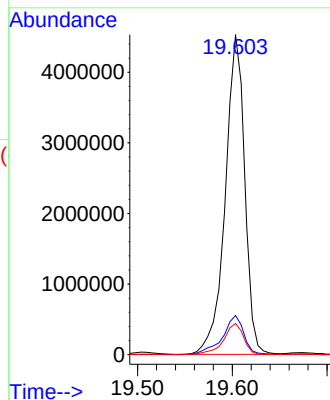
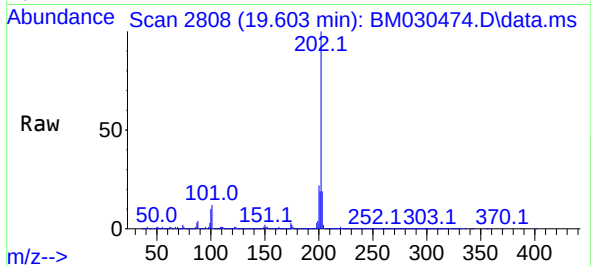
#82
Pyrene
Concen: 97.975 ng/ul
RT: 19.603 min Scan# 2808
Delta R.T. 0.006 min
Lab File: BM030474.D
Acq: 16 Jun 2021 19:57

Tgt Ion:202 Resp: 6449419
Ion Ratio Lower Upper
202 100
101 12.2 10.8 16.2
100 9.8 9.1 13.7

Instrument :
BNA_M
ClientSampled :
BG5R4

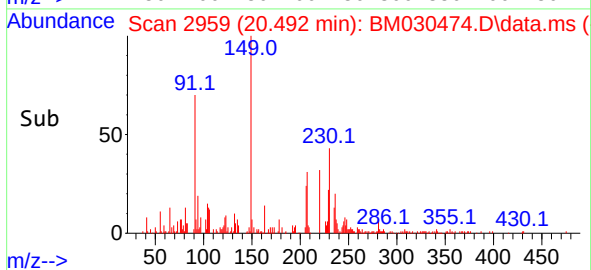
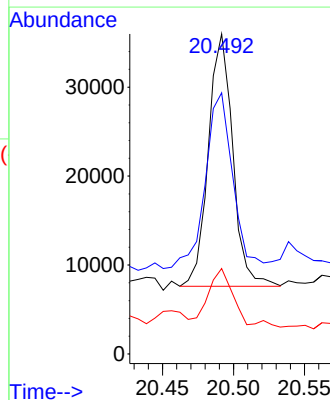
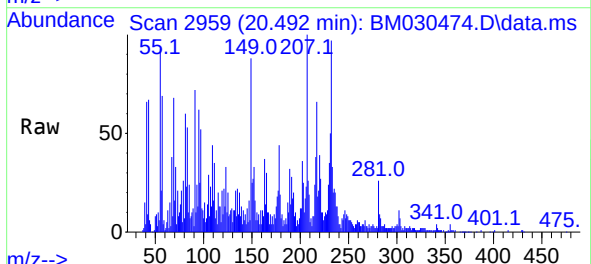
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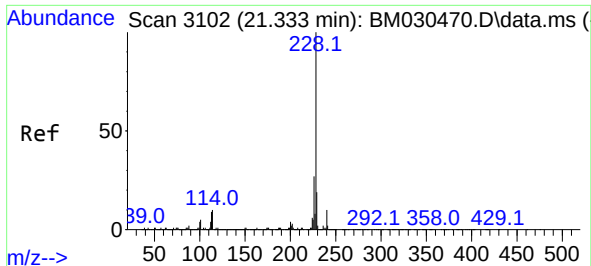
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#83
Butylbenzylphthalate
Concen: 1.640 ng/ul
RT: 20.492 min Scan# 2959
Delta R.T. 0.006 min
Lab File: BM030474.D
Acq: 16 Jun 2021 19:57

Tgt Ion:149 Resp: 33892
Ion Ratio Lower Upper
149 100
91 81.6 57.4 86.2
206 26.7 17.3 25.9#





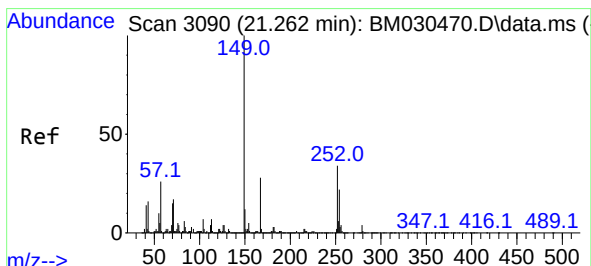
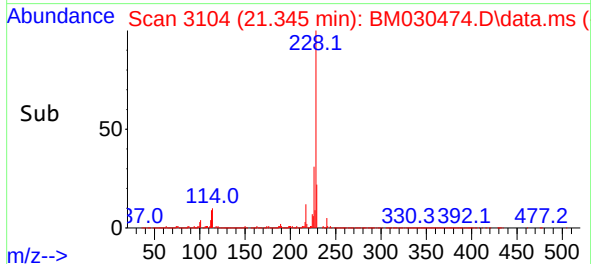
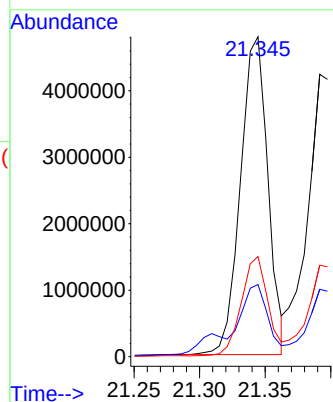
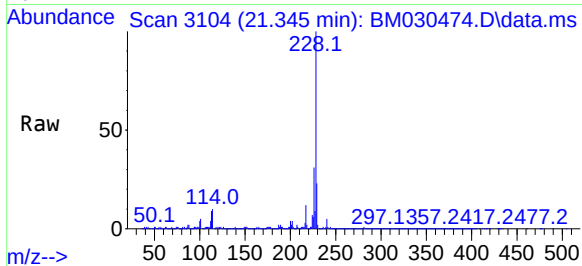
#85
Benzo(a)anthracene
Concen: 119.294 ng/ul
RT: 21.345 min Scan# 3104
Delta R.T. 0.012 min
Lab File: BM030474.D
Acq: 16 Jun 2021 19:57

Tgt Ion:228 Resp: 6976230
Ion Ratio Lower Upper
228 100
229 22.5 15.6 23.4
226 31.3 22.2 33.2

Instrument :
BNA_M
ClientSampled :
BG5R4

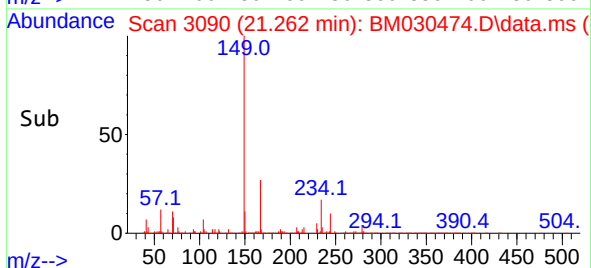
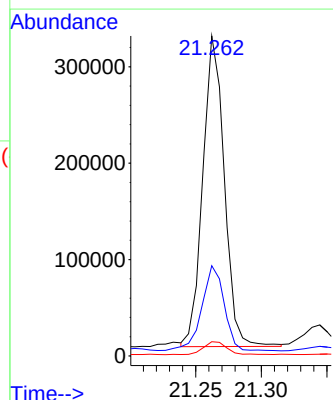
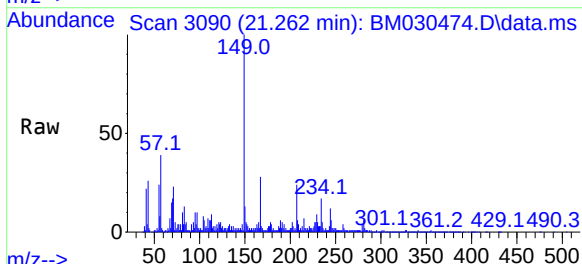
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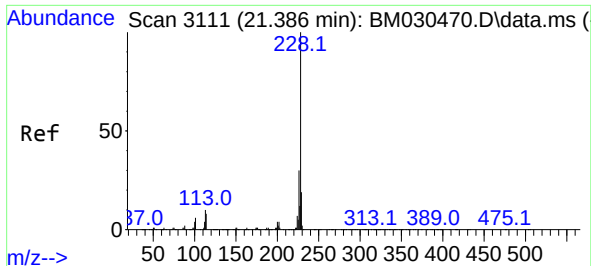
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#86
Bis(2-ethylhexyl)phthalate
Concen: 11.768 ng/ul
RT: 21.262 min Scan# 3090
Delta R.T. 0.000 min
Lab File: BM030474.D
Acq: 16 Jun 2021 19:57

Tgt Ion:149 Resp: 368832
Ion Ratio Lower Upper
149 100
167 28.2 20.9 31.3
279 4.5 3.0 4.6





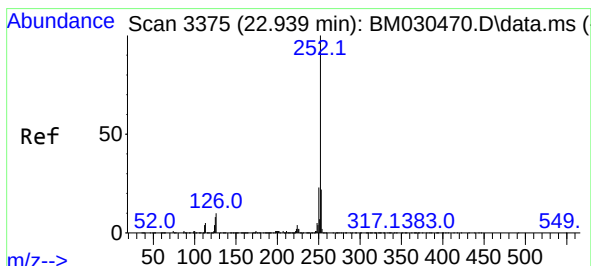
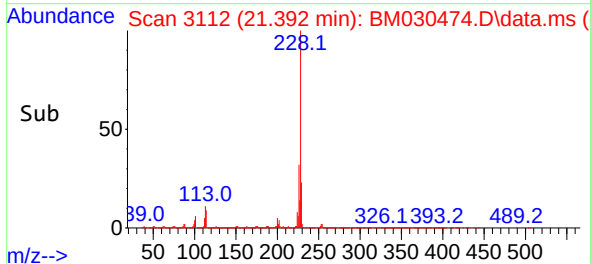
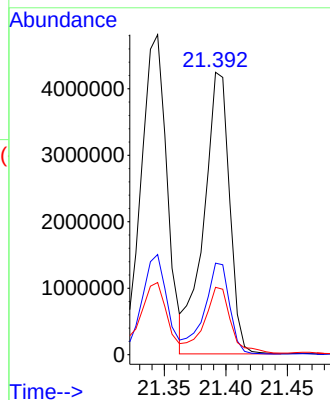
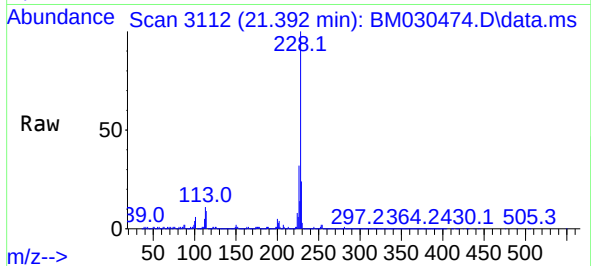
#87
Chrysene
Concen: 106.875 ng/ul m
RT: 21.392 min Scan# 3112
Delta R.T. 0.006 min
Lab File: BM030474.D
Acq: 16 Jun 2021 19:57

Tgt Ion:228 Resp: 6162620
Ion Ratio Lower Upper
228 100
226 32.4 24.2 36.2
229 23.9 15.8 23.6#

Instrument :
BNA_M
ClientSampled :
BG5R4

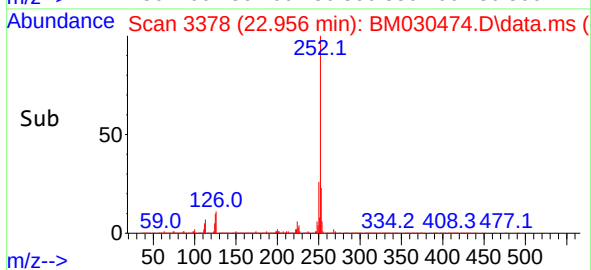
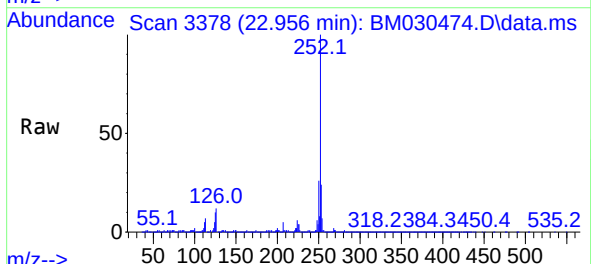
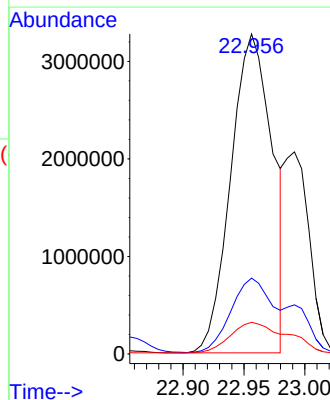
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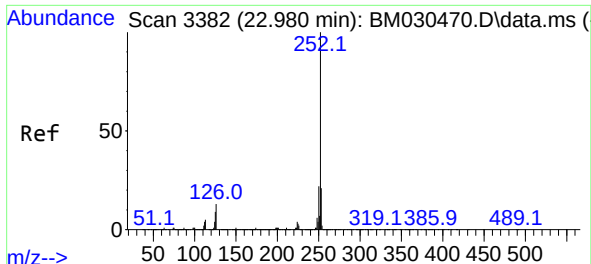
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#90
Benzo(b)fluoranthene
Concen: 116.122 ng/ul
RT: 22.956 min Scan# 3378
Delta R.T. 0.024 min
Lab File: BM030474.D
Acq: 16 Jun 2021 19:57

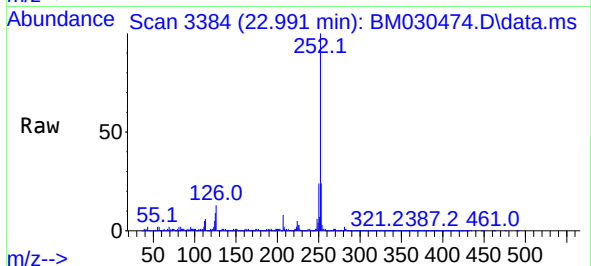
Tgt Ion:252 Resp: 7773280
Ion Ratio Lower Upper
252 100
253 23.7 18.0 27.0
125 9.9 8.6 13.0





#91
Benzo(k)fluoranthene
Concen: 44.227 ng/ul m
RT: 22.991 min Scan# 3384
Delta R.T. 0.018 min
Lab File: BM030474.D
Acq: 16 Jun 2021 19:57

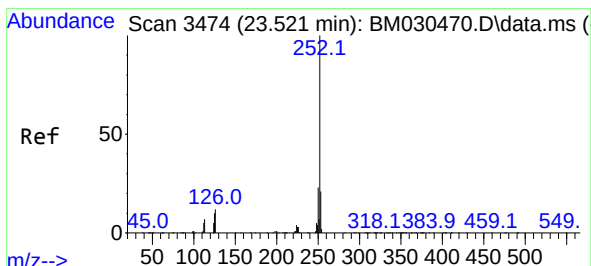
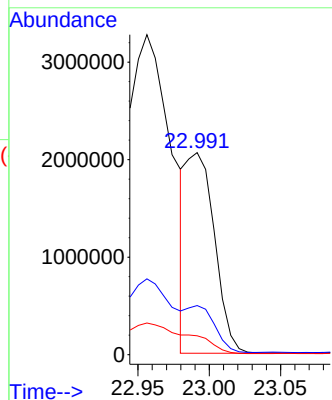
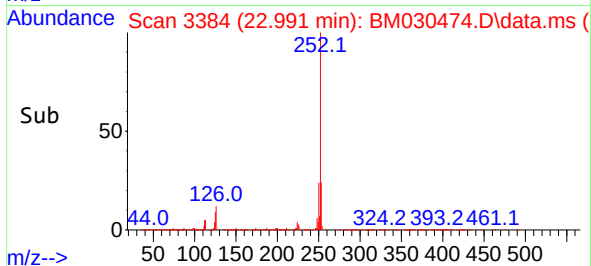
Instrument :
BNA_M
ClientSampled :
BG5R4



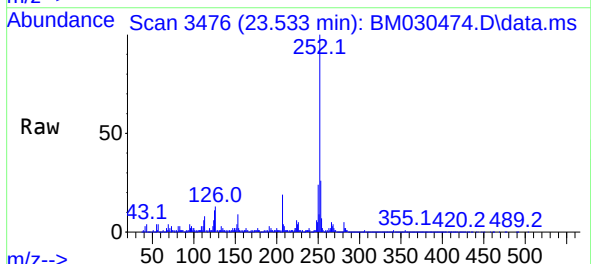
Tgt Ion:252 Resp: 2827997
Ion Ratio Lower Upper
252 100
253 24.3 17.9 26.9
125 9.4 8.4 12.6

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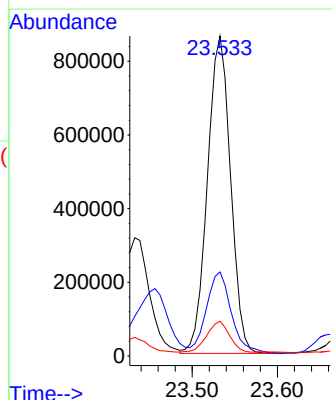
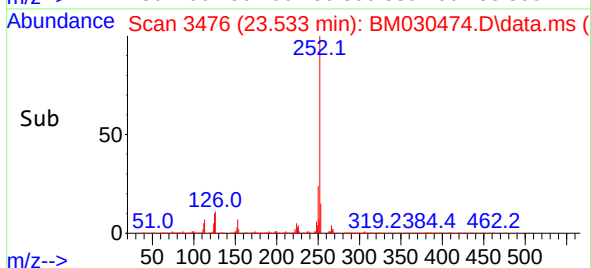
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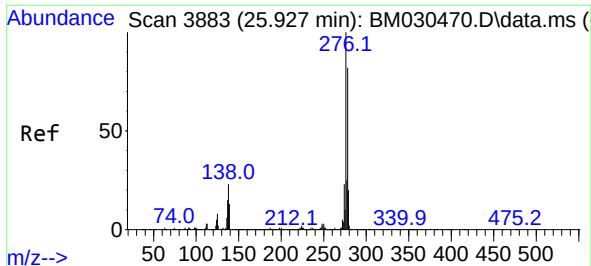


#93
Benzo(a)pyrene
Concen: 27.807 ng/ul
RT: 23.533 min Scan# 3476
Delta R.T. 0.018 min
Lab File: BM030474.D
Acq: 16 Jun 2021 19:57



Tgt Ion:252 Resp: 1627005
Ion Ratio Lower Upper
252 100
253 26.2 17.8 26.8
125 10.9 9.5 14.3





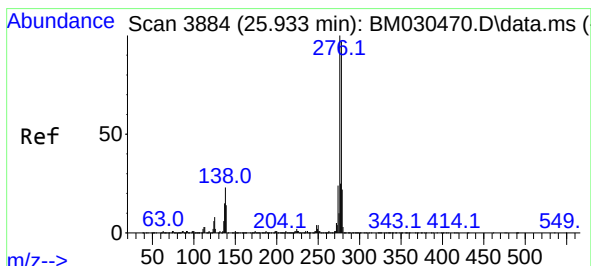
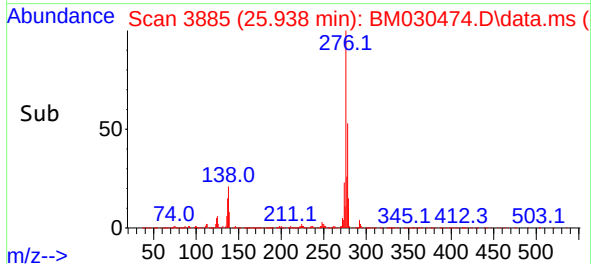
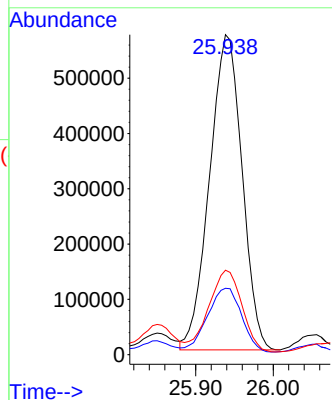
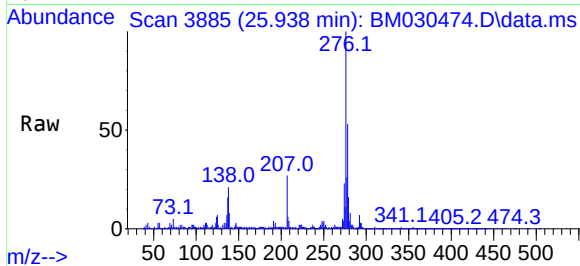
#94
Indeno(1,2,3-cd)pyrene
Concen: 23.099 ng/ul
RT: 25.938 min Scan# 3885
Delta R.T. 0.024 min
Lab File: BM030474.D
Acq: 16 Jun 2021 19:57

Tgt Ion:276 Resp: 1663394
Ion Ratio Lower Upper
276 100
138 20.8 21.8 32.6#
277 26.4 20.3 30.5

Instrument :
BNA_M
ClientSampled :
BG5R4

Manual Integrations
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#95
Dibenzo(a,h)anthracene
Concen: 16.006 ng/ul
RT: 25.944 min Scan# 3886
Delta R.T. 0.018 min
Lab File: BM030474.D
Acq: 16 Jun 2021 19:57

Tgt Ion:278 Resp: 970450
Ion Ratio Lower Upper
278 100
139 16.6 13.4 20.2
279 28.3 18.6 28.0#

