

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
 Data File : BM030537.D
 Acq On : 23 Jun 2021 05:01
 Operator : CG/JU
 Sample : M2662-11
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDF5

Manual Integrations
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Quant Time: Jun 23 05:36:58 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 23 04:56:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	181142	20.000	ng/ul	0.00
20) Naphthalene-d8	10.598	136	694451	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.439	164	399745	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.180	188	747651	20.000	ng/ul	0.00
79) Chrysene-d12	21.350	240	860249	20.000	ng/ul	0.00
88) Perylene-d12	23.615	264	906003	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	14980	3.353	ng/uL	0.00
4) Pyridine-d5	3.704	84	103596	8.630	ng/ul	0.00
7) Phenol-d5	6.975	99	305717	19.569	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.139	67	191598	19.512	ng/ul	0.00
11) 2-Chlorophenol-d4	7.339	132	259426	21.513	ng/ul	0.00
15) 4-Methylphenol-d8	8.510	113	245179	20.167	ng/ul	0.00
21) Nitrobenzene-d5	8.963	128	116843	22.547	ng/ul	0.00
24) 2-Nitrophenol-d4	9.680	143	127482	22.136	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	235401	21.338	ng/ul	0.00
31) 4-Chloroaniline-d4	10.739	131	231104	15.022	ng/ul	0.00
46) Dimethylphthalate-d6	13.845	166	643310	23.307	ng/ul	0.00
49) Acenaphthylene-d8	14.127	160	814857	22.744	ng/ul	0.00
54) 4-Nitrophenol-d4	14.639	143	65935	12.609	ng/ul	0.00
60) Fluorene-d10	15.427	176	568090	23.205	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.557	200	27343	5.590	ng/ul	0.00
73) Anthracene-d10	17.280	188	814431	23.341	ng/ul	0.00
81) Pyrene-d10	19.568	212	605961	13.443	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.474	264	444020	9.426	ng/ul	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	6.957	77	12240	1.611	ng/ul	90
8) Phenol	7.004	94	24975	1.581	ng/ul	99
16) Acetophenone	8.628	105	27545	1.467	ng/ul	99
30) Naphthalene	10.645	128	238471	6.782	ng/ul	100
36) 2-Methylnaphthalene	12.257	142	40386	1.646	ng/ul	98
37) 1-Methylnaphthalene	12.474	142	25127	1.012	ng/ul	100
43) 1,1'-Biphenyl	13.268	154	62825	2.129	ng/ul	99
50) Acenaphthylene	14.157	152	602174	18.119	ng/ul	98
52) Acenaphthene	14.498	153	305599	12.671	ng/ul	99
56) Dibenzofuran	14.833	168	636406	18.927	ng/ul	100
61) Fluorene	15.486	166	898668	32.431	ng/ul	99
72) Phenanthrene	17.233	178	12056226m	300.278	ng/ul	
74) Anthracene	17.315	178	6265295	152.619	ng/ul	98
77) Carbazole	17.580	167	112622	3.059	ng/ul	94
80) Fluoranthene	19.245	202	15741813m	285.949	ng/ul	
82) Pyrene	19.597	202	7841373	135.558	ng/ul	99
85) Benzo(a)anthracene	21.339	228	8762698	164.138	ng/ul#	86
86) Bis(2-ethylhexyl)phtha...	21.256	149	104054	3.799	ng/ul#	97
87) Chrysene	21.386	228	6735695	129.423	ng/ul#	91
90) Benzo(b)fluoranthene	22.950	252	8166616	141.978	ng/ul	97
91) Benzo(k)fluoranthene	22.985	252	2738660m	49.542	ng/ul	
93) Benzo(a)pyrene	23.521	252	1655174	32.002	ng/ul#	91
94) Indeno(1,2,3-cd)pyrene	25.921	276	1516026	23.284	ng/ul	95
95) Dibenzo(a,h)anthracene	25.926	278	977069	18.102	ng/ul#	92

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

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

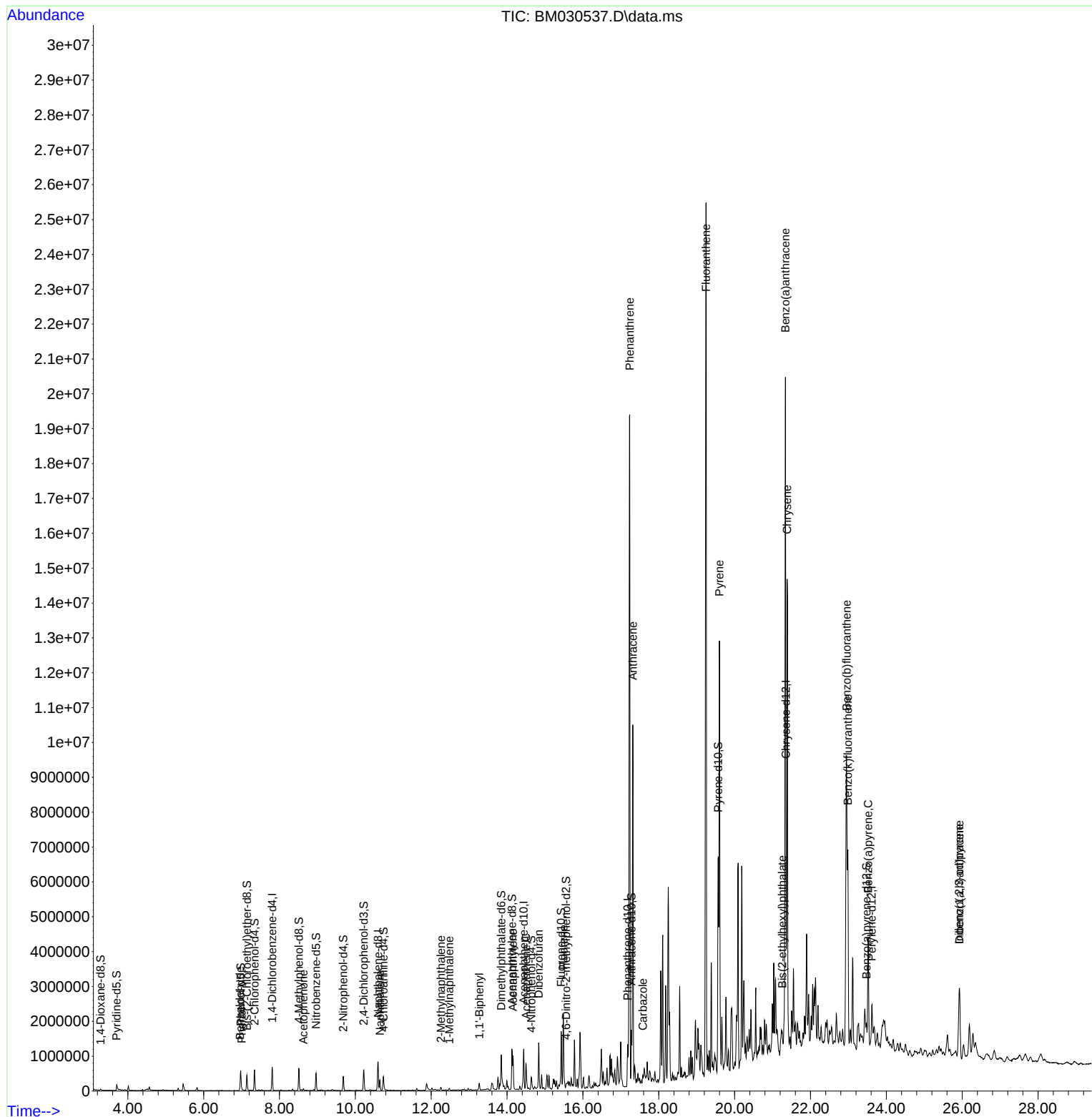
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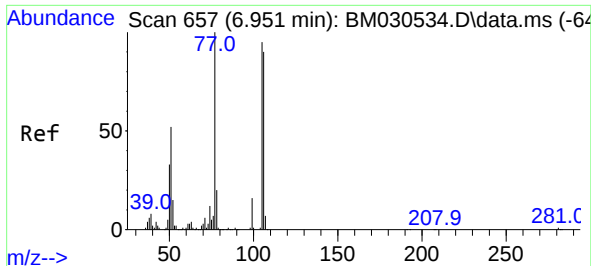
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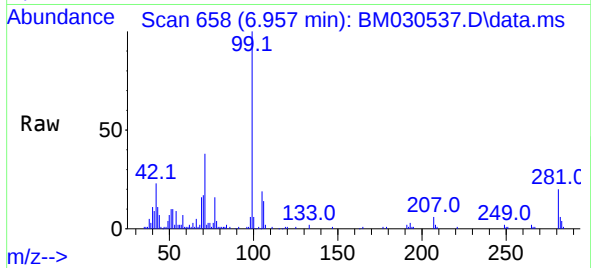
Quant Time: Jun 23 05:36:58 2021
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#6
Benzaldehyde
Concen: 1.611 ng/ul
RT: 6.957 min Scan# 658
Delta R.T. -0.000 min
Lab File: BM030537.D
Acq: 23 Jun 2021 05:01

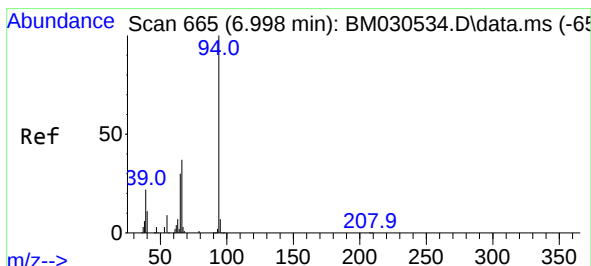
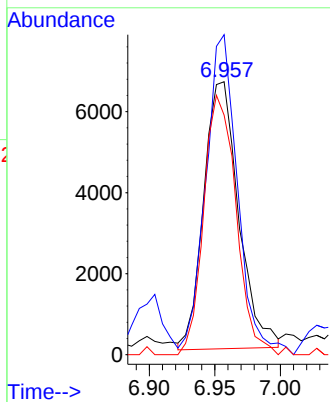
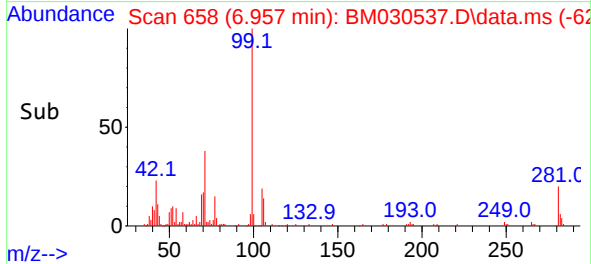
Instrument :
BNA_M
ClientSampled :
BGDF5



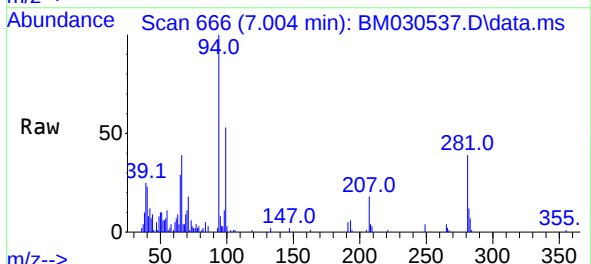
Tgt Ion: 77 Resp: 12240
Ion Ratio Lower Upper
77 100
105 117.2 82.2 123.4
106 87.8 75.0 112.4

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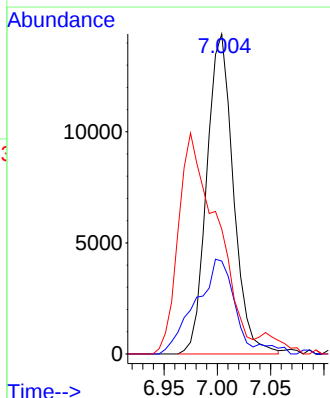
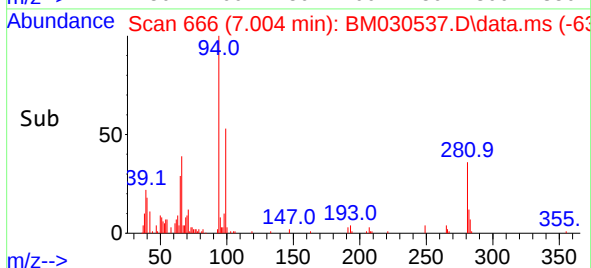
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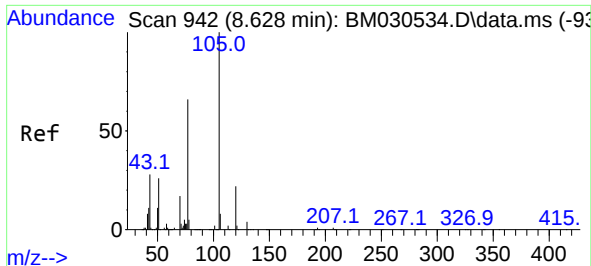


#8
Phenol
Concen: 1.581 ng/ul
RT: 7.004 min Scan# 666
Delta R.T. -0.000 min
Lab File: BM030537.D
Acq: 23 Jun 2021 05:01



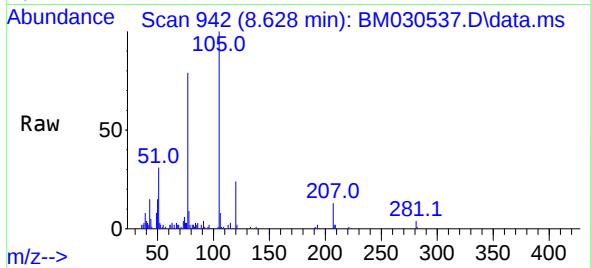
Tgt Ion: 94 Resp: 24975
Ion Ratio Lower Upper
94 100
65 29.0 24.2 36.4
66 39.1 31.4 47.0





#16
Acetophenone
Concen: 1.467 ng/ul
RT: 8.628 min Scan# 942
Delta R.T. -0.006 min
Lab File: BM030537.D
Acq: 23 Jun 2021 05:01

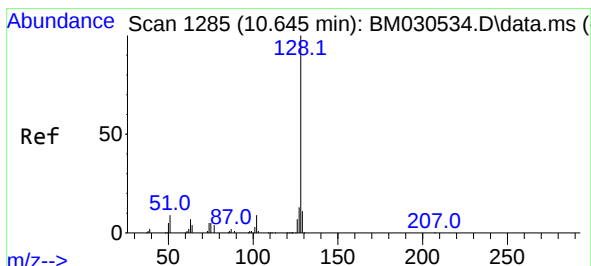
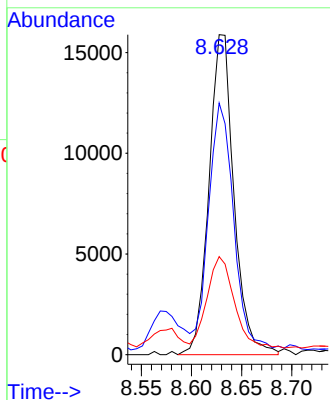
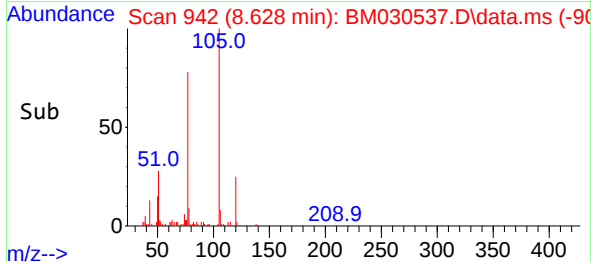
Instrument :
BNA_M
ClientSampleId :
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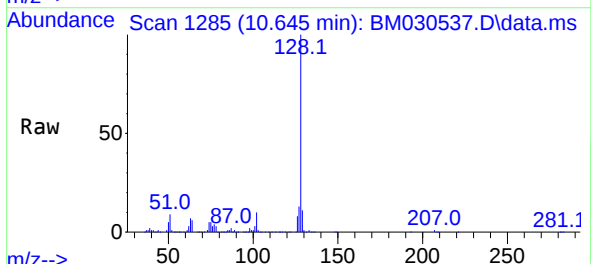
Tgt Ion:105 Resp: 27545
Ion Ratio Lower Upper
105 100
77 78.7 63.7 95.5
51 30.6 25.4 38.0

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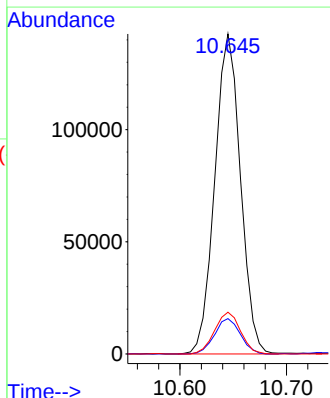
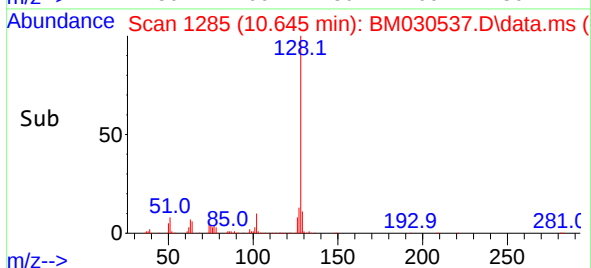
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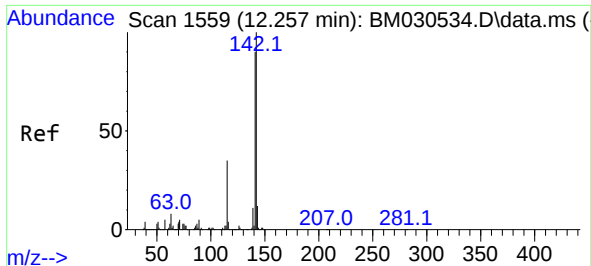


#30
Naphthalene
Concen: 6.782 ng/ul
RT: 10.645 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BM030537.D
Acq: 23 Jun 2021 05:01



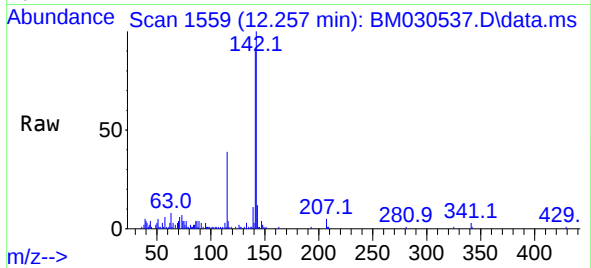
Tgt Ion:128 Resp: 238471
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 13.0 10.6 15.8





#36
2-Methylnaphthalene
Concen: 1.646 ng/ul
RT: 12.257 min Scan# 1559
Delta R.T. -0.006 min
Lab File: BM030537.D
Acq: 23 Jun 2021 05:01

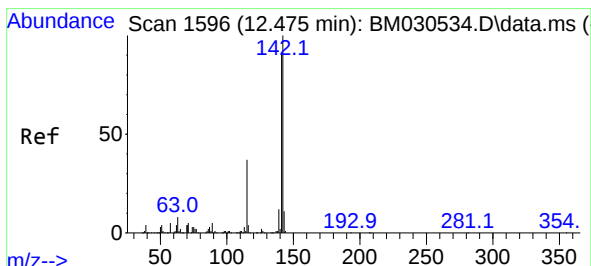
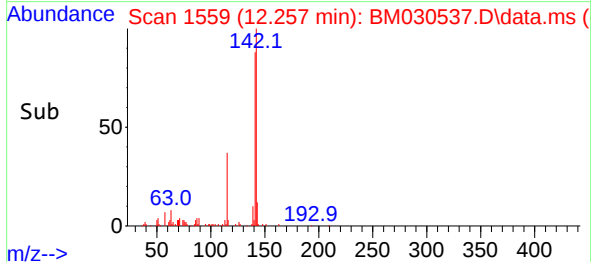
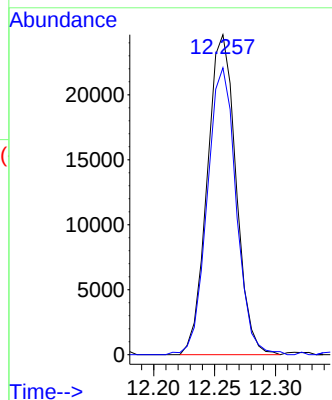
Instrument :
BNA_M
ClientSampleId :
BGDF5



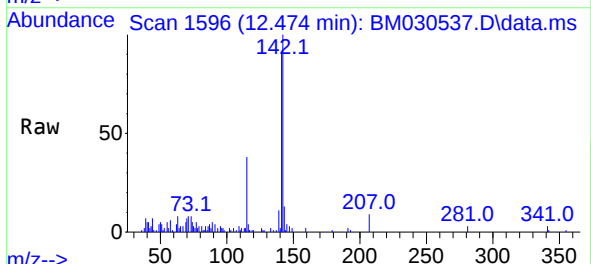
Tgt Ion:142 Resp: 40386
Ion Ratio Lower Upper
142 100
141 89.7 70.6 105.8

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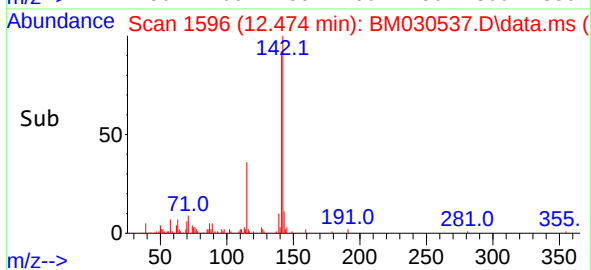
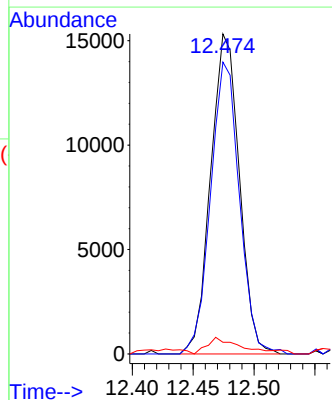
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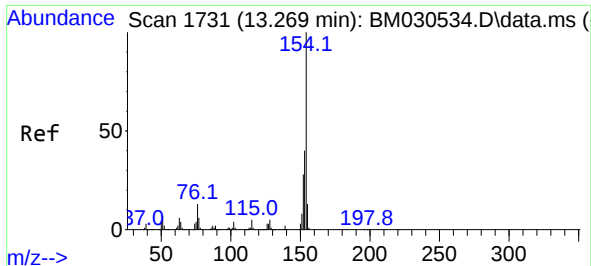


#37
1-Methylnaphthalene
Concen: 1.012 ng/ul
RT: 12.474 min Scan# 1596
Delta R.T. -0.006 min
Lab File: BM030537.D
Acq: 23 Jun 2021 05:01



Tgt Ion:142 Resp: 25127
Ion Ratio Lower Upper
142 100
141 91.2 72.8 109.2
116 3.6 3.1 4.7





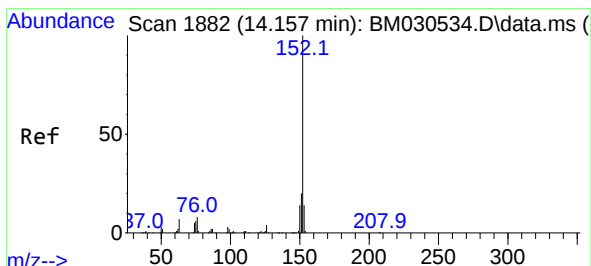
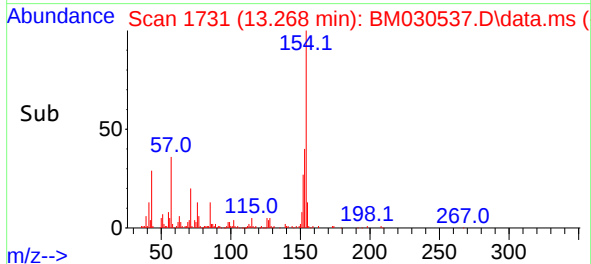
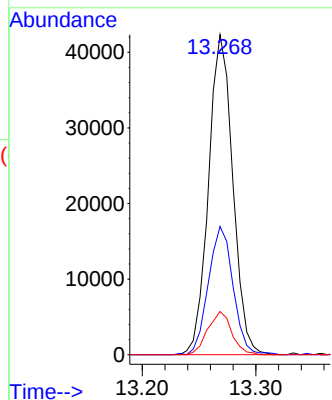
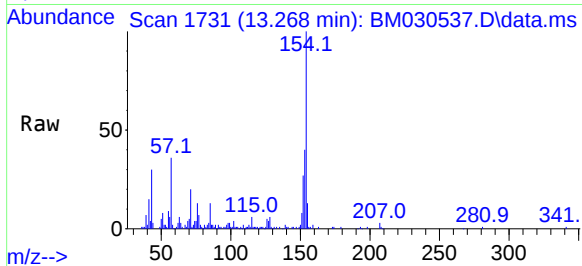
#43
1,1'-Biphenyl
Concen: 2.129 ng/ul
RT: 13.268 min Scan# 1731
Delta R.T. -0.006 min
Lab File: BM030537.D
Acq: 23 Jun 2021 05:01

Tgt Ion:	154	Resp:	62825
Ion Ratio	Lower	Upper	
154	100		
153	40.0	32.3	48.5
76	13.5	10.6	15.8

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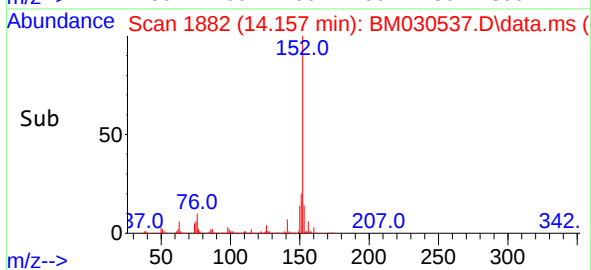
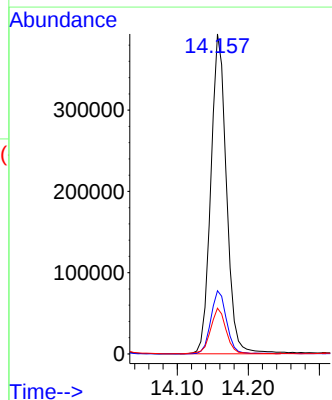
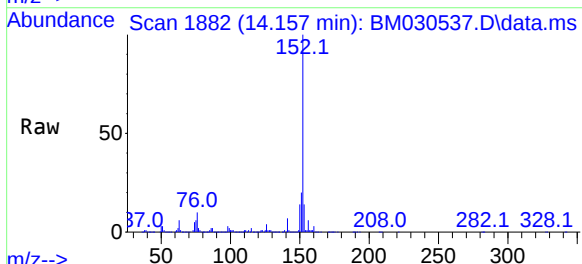
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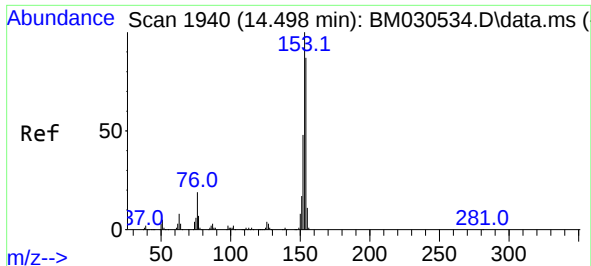
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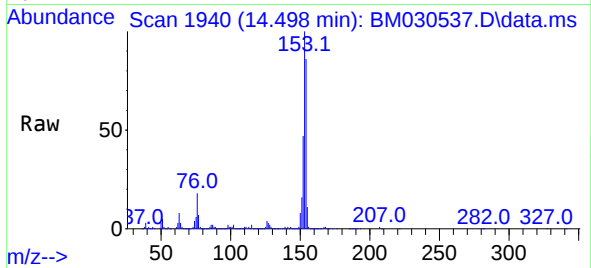
#50
Acenaphthylene
Concen: 18.119 ng/ul
RT: 14.157 min Scan# 1882
Delta R.T. -0.006 min
Lab File: BM030537.D
Acq: 23 Jun 2021 05:01

Tgt Ion:	152	Resp:	602174
Ion Ratio	Lower	Upper	
152	100		
151	19.7	16.2	24.2
153	14.3	10.2	15.4

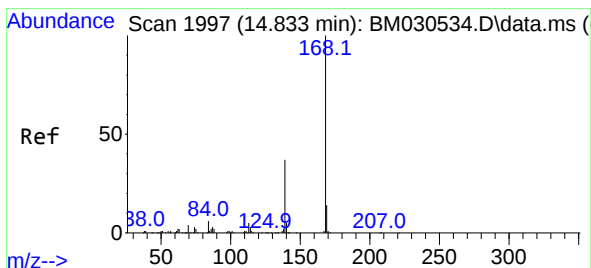
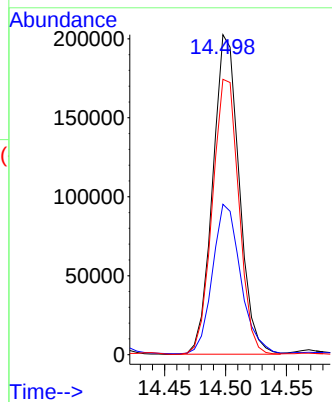
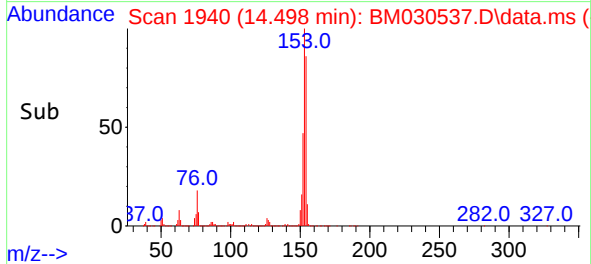




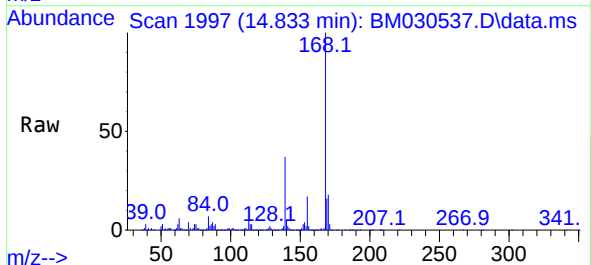
#52
Acenaphthene
Concen: 12.671 ng/u1
RT: 14.498 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BM030537.D
Acq: 23 Jun 2021 05:01



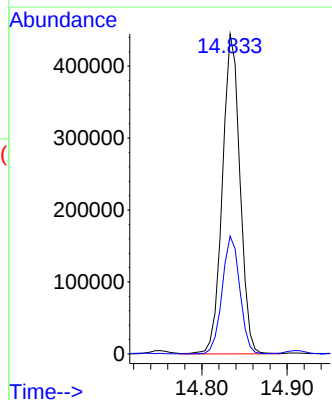
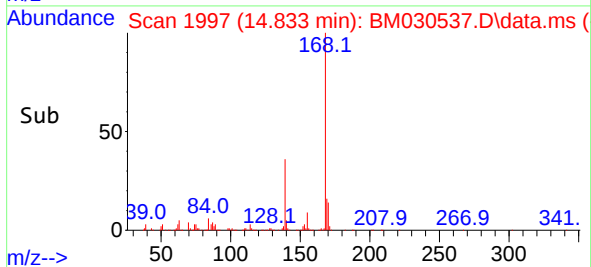
Tgt Ion:153 Resp: 305599
Ion Ratio Lower Upper
153 100
152 47.0 37.4 56.2
154 86.1 69.4 104.0



#56
Dibenzofuran
Concen: 18.927 ng/u1
RT: 14.833 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BM030537.D
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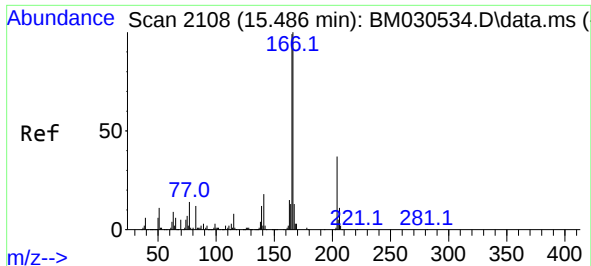
Tgt Ion:168 Resp: 636406
Ion Ratio Lower Upper
168 100
139 36.8 29.5 44.3



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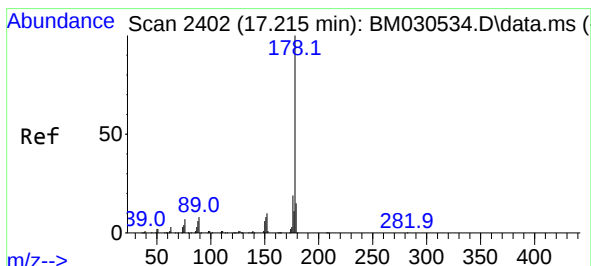
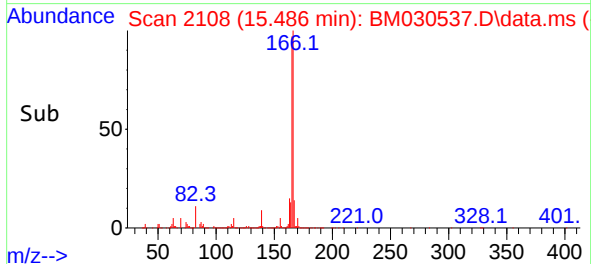
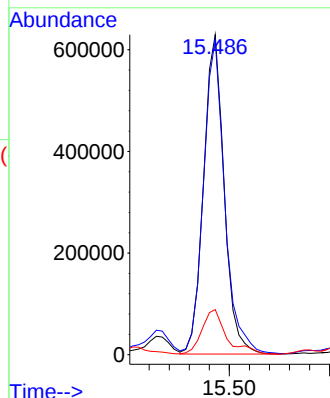
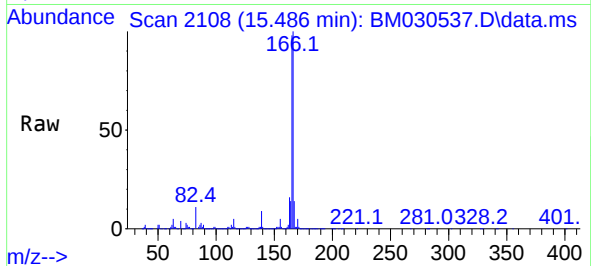
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Fluorene
Concen: 32.431 ng/ul
RT: 15.486 min Scan# 2108
Delta R.T. -0.006 min
Lab File: BM030537.D
Acq: 23 Jun 2021 05:01

Tgt Ion:166 Resp: 898668
Ion Ratio Lower Upper
166 100
165 98.3 78.4 117.6
167 14.1 10.6 15.8

Instrument :
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ClientSampleId :
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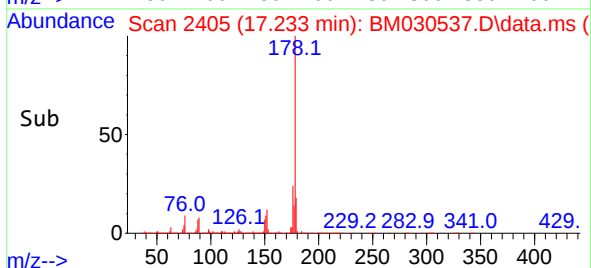
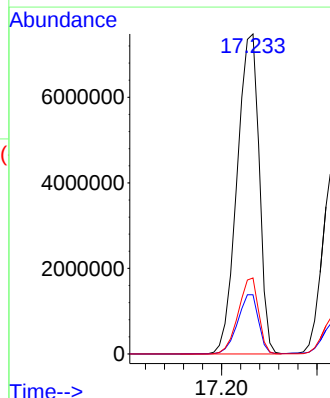
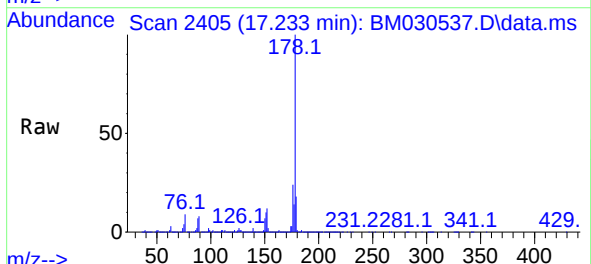
Manual Integrations
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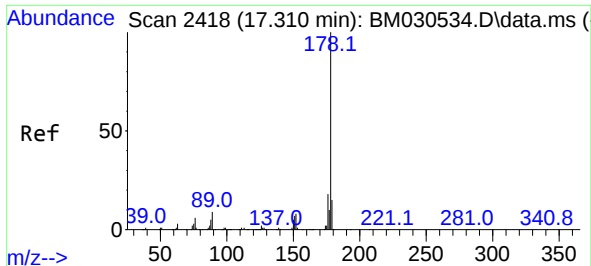
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#72
Phenanthrene
Concen: 300.278 ng/ul m
RT: 17.233 min Scan# 2405
Delta R.T. 0.012 min
Lab File: BM030537.D
Acq: 23 Jun 2021 05:01

Tgt Ion:178 Resp:12056226
Ion Ratio Lower Upper
178 100
179 18.5 12.1 18.1#
176 23.8 15.2 22.8#





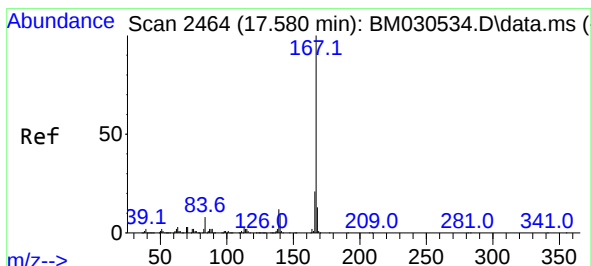
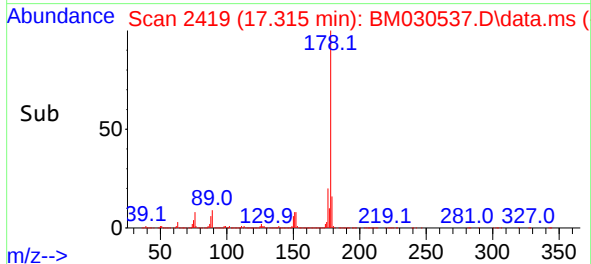
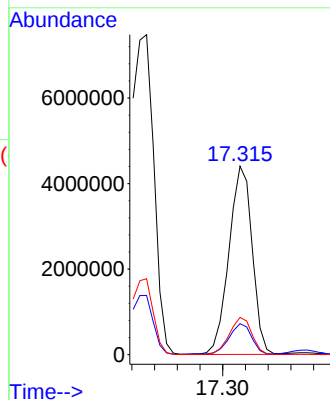
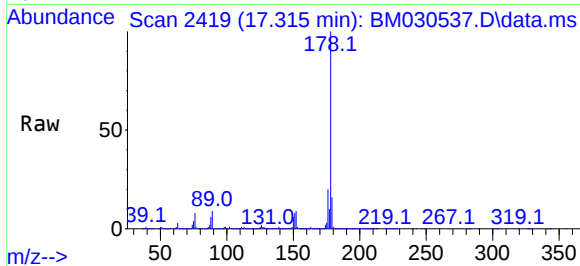
#74
 Anthracene
 Concen: 152.619 ng/u1
 RT: 17.315 min Scan# 2419
 Delta R.T. -0.000 min
 Lab File: BM030537.D
 Acq: 23 Jun 2021 05:01

Tgt Ion:178 Resp: 6265295
 Ion Ratio Lower Upper
 178 100
 179 16.5 12.1 18.1
 176 19.7 15.2 22.8

Instrument :
 BNA_M
 ClientSampled :
 BGDF5

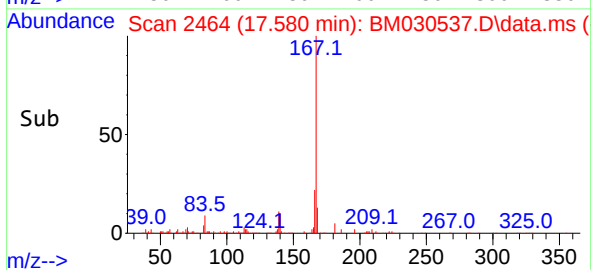
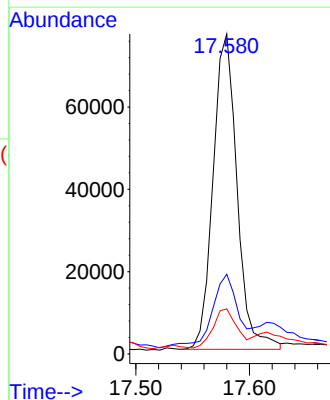
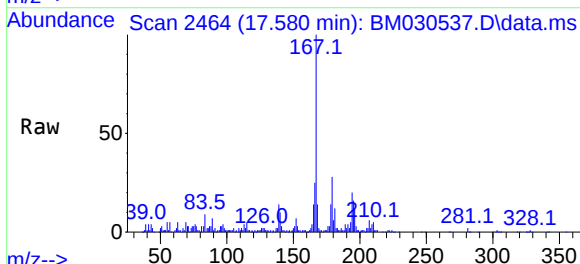
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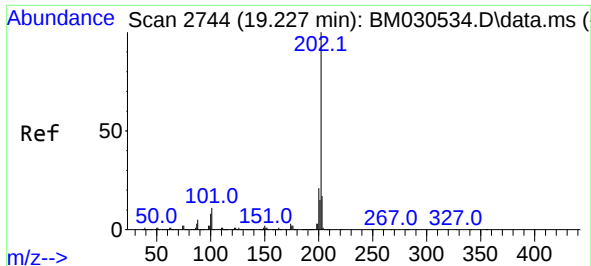
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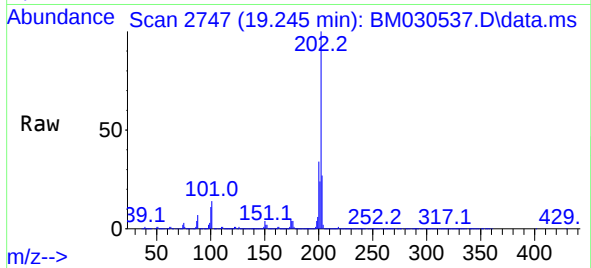
#77
 Carbazole
 Concen: 3.059 ng/u1
 RT: 17.580 min Scan# 2464
 Delta R.T. -0.006 min
 Lab File: BM030537.D
 Acq: 23 Jun 2021 05:01

Tgt Ion:167 Resp: 112622
 Ion Ratio Lower Upper
 167 100
 166 24.9 17.0 25.6
 139 14.1 9.9 14.9

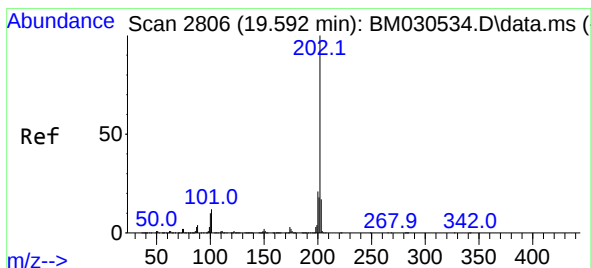
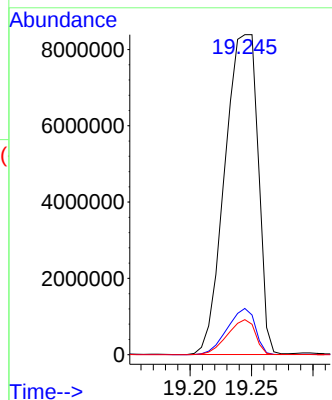
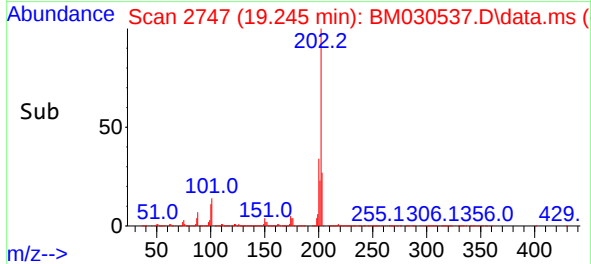




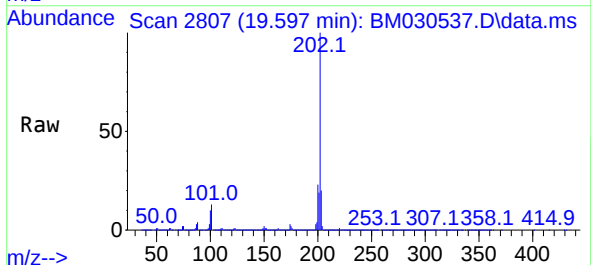
#80
Fluoranthene
Concen: 285.949 ng/ul m
RT: 19.245 min Scan# 2747
Delta R.T. 0.012 min
Lab File: BM030537.D
Acq: 23 Jun 2021 05:01



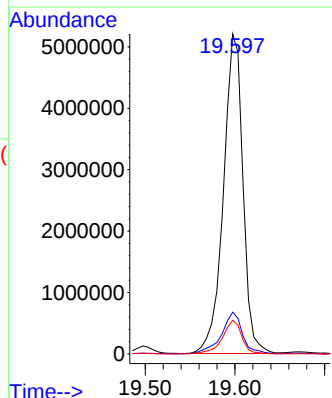
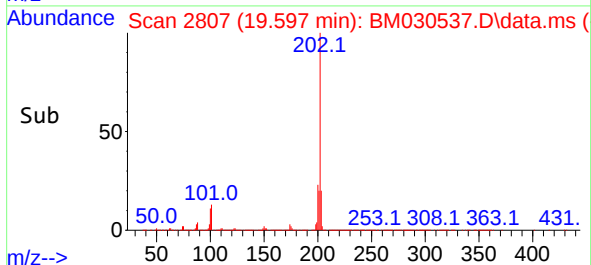
Tgt Ion:202 Resp:15741813
Ion Ratio Lower Upper
202 100
101 14.5 8.8 13.2#
100 11.0 6.8 10.2#



#82
Pyrene
Concen: 135.558 ng/ul
RT: 19.597 min Scan# 2807
Delta R.T. -0.000 min
Lab File: BM030537.D
Acq: 23 Jun 2021 05:01



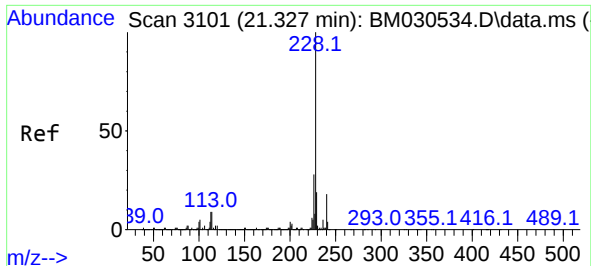
Tgt Ion:202 Resp: 7841373
Ion Ratio Lower Upper
202 100
101 13.1 10.0 15.0
100 10.5 8.5 12.7



Instrument :
BNA_M
ClientSampled :
BGDF5

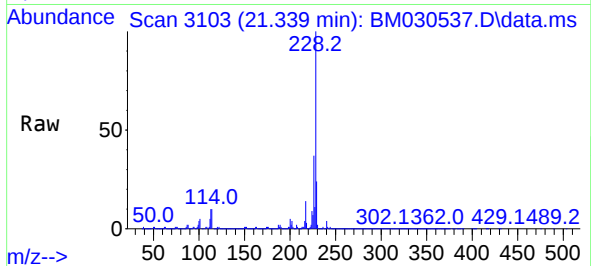
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#85
Benzo(a)anthracene
Concen: 164.138 ng/ul
RT: 21.339 min Scan# 3103
Delta R.T. 0.006 min
Lab File: BM030537.D
Acq: 23 Jun 2021 05:01

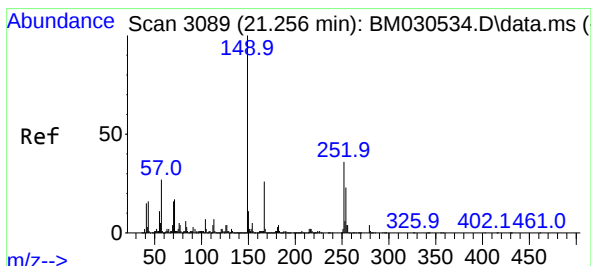
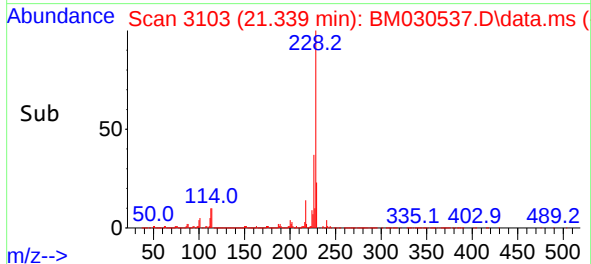
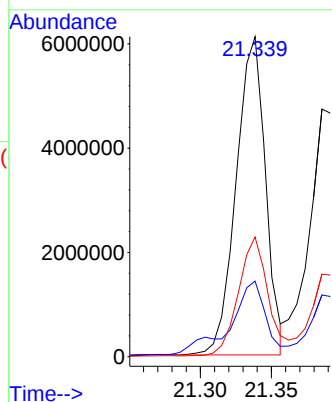
Instrument :
BNA_M
ClientSampled :
BGDF5



Tgt Ion:228 Resp: 8762698
Ion Ratio Lower Upper
228 100
229 23.6 16.0 24.0
226 37.4 22.2 33.2#

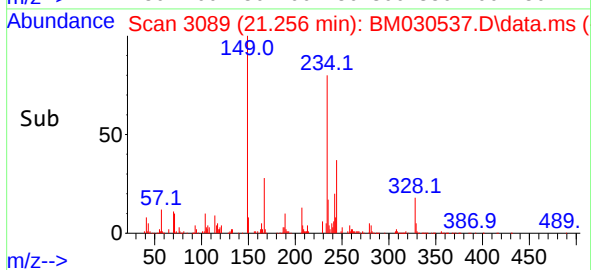
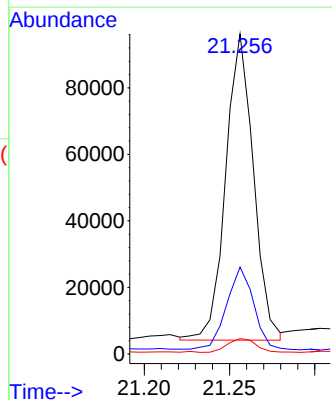
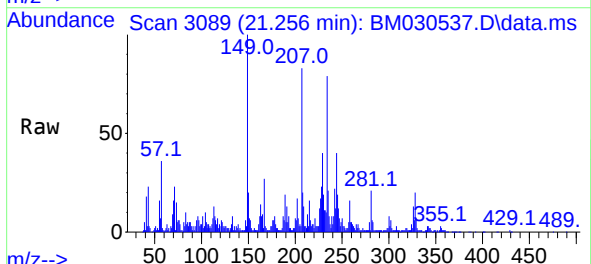
Manual Integrations
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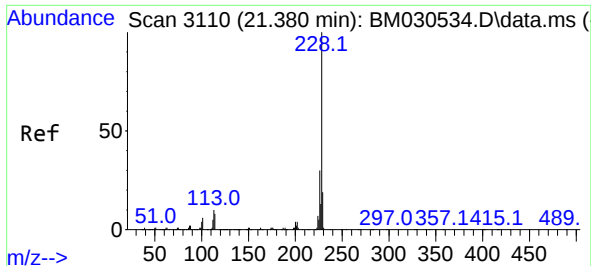
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#86
Bis(2-ethylhexyl)phthalate
Concen: 3.799 ng/ul
RT: 21.256 min Scan# 3089
Delta R.T. -0.006 min
Lab File: BM030537.D
Acq: 23 Jun 2021 05:01

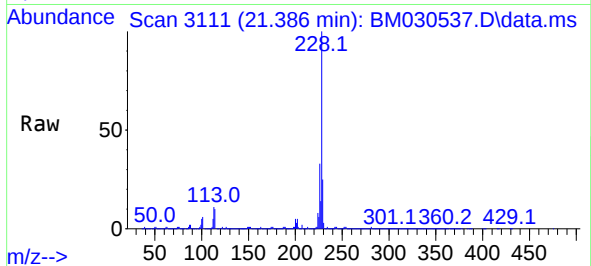
Tgt Ion:149 Resp: 104054
Ion Ratio Lower Upper
149 100
167 27.1 20.7 31.1
279 4.8 3.0 4.4#





#87
Chrysene
Concen: 129.423 ng/ul
RT: 21.386 min Scan# 3111
Delta R.T. -0.000 min
Lab File: BM030537.D
Acq: 23 Jun 2021 05:01

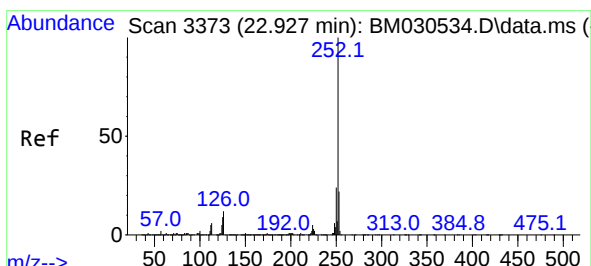
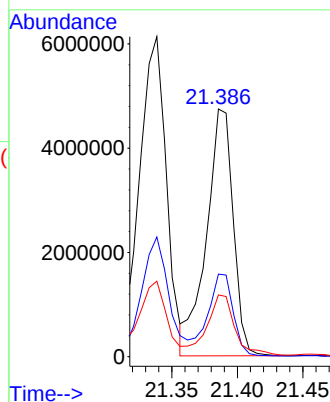
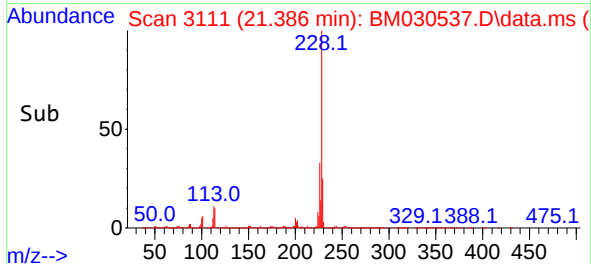
Instrument :
BNA_M
ClientSampled :
BGDF5



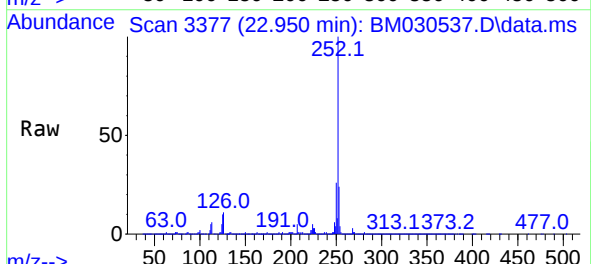
Tgt Ion:228 Resp: 6735695
Ion Ratio Lower Upper
228 100
226 33.3 23.6 35.4
229 24.9 15.9 23.9#

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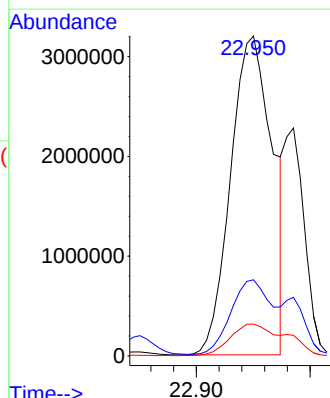
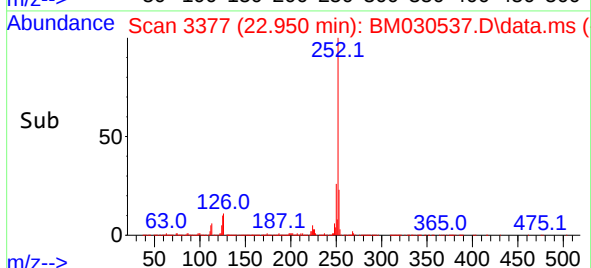
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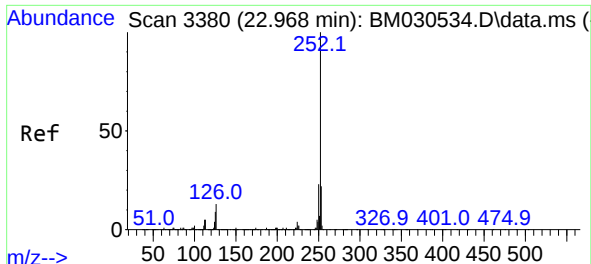


#90
Benzo(b)fluoranthene
Concen: 141.978 ng/ul
RT: 22.950 min Scan# 3377
Delta R.T. 0.012 min
Lab File: BM030537.D
Acq: 23 Jun 2021 05:01



Tgt Ion:252 Resp: 8166616
Ion Ratio Lower Upper
252 100
253 23.8 17.8 26.6
125 10.0 7.7 11.5



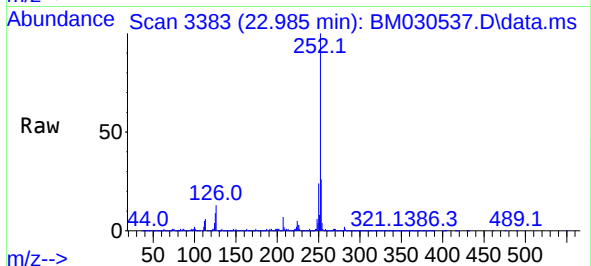


#91
Benzo(k)fluoranthene
Concen: 49.542 ng/ul m
RT: 22.985 min Scan# 3383
Delta R.T. -0.000 min
Lab File: BM030537.D
Acq: 23 Jun 2021 05:01

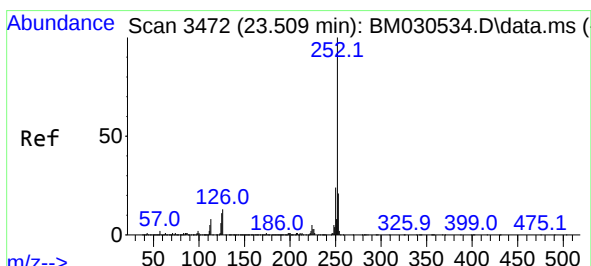
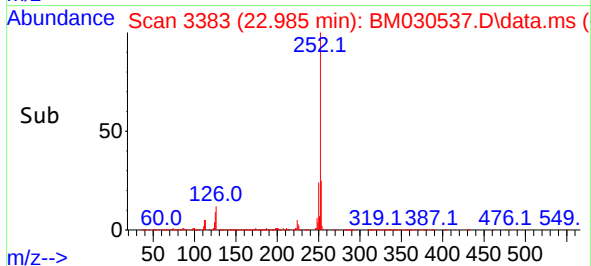
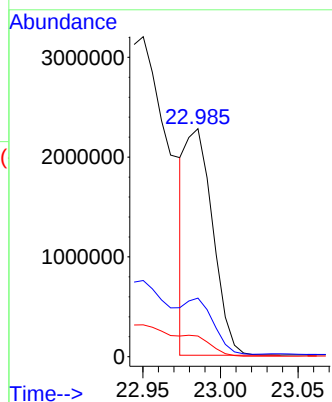
Instrument :
BNA_M
ClientSampleId :
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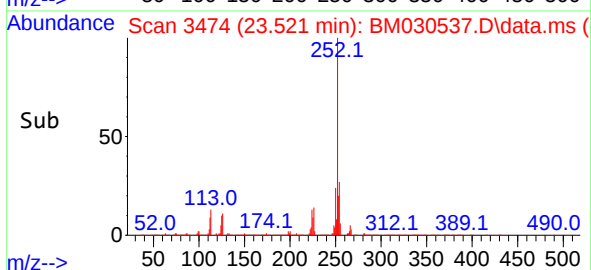
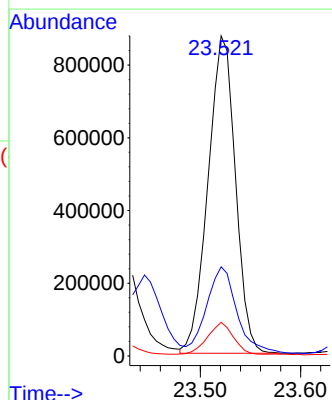
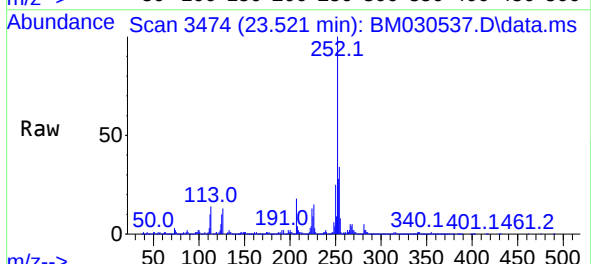


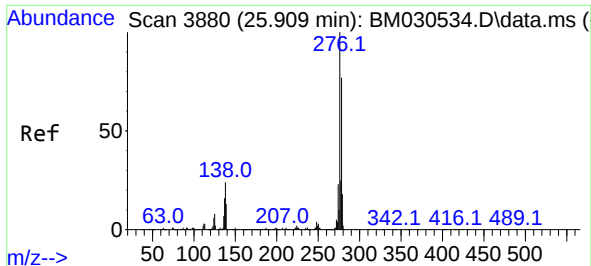
Tgt Ion:252 Resp: 2738660
Ion Ratio Lower Upper
252 100
253 25.7 17.4 26.2
125 9.1 7.9 11.9



#93
Benzo(a)pyrene
Concen: 32.002 ng/ul
RT: 23.521 min Scan# 3474
Delta R.T. -0.006 min
Lab File: BM030537.D
Acq: 23 Jun 2021 05:01

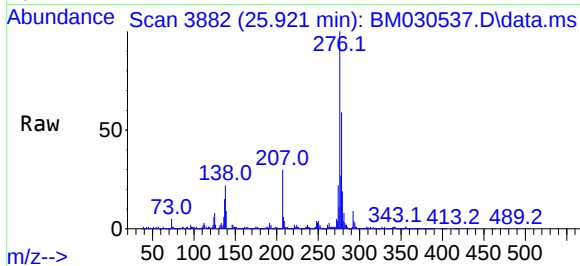
Tgt Ion:252 Resp: 1655174
Ion Ratio Lower Upper
252 100
253 27.9 17.5 26.3#
125 10.5 8.6 13.0





#94
Indeno(1,2,3-cd)pyrene
Concen: 23.284 ng/ul
RT: 25.921 min Scan# 3882
Delta R.T. -0.012 min
Lab File: BM030537.D
Acq: 23 Jun 2021 05:01

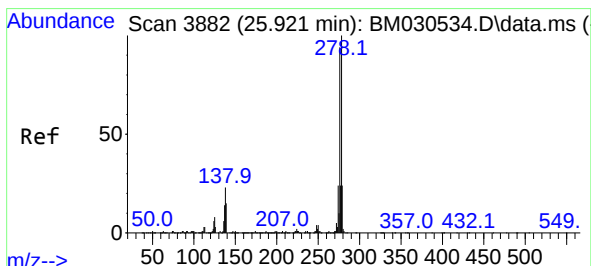
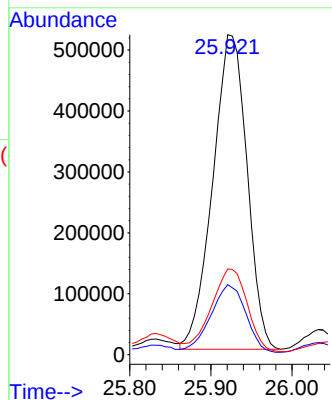
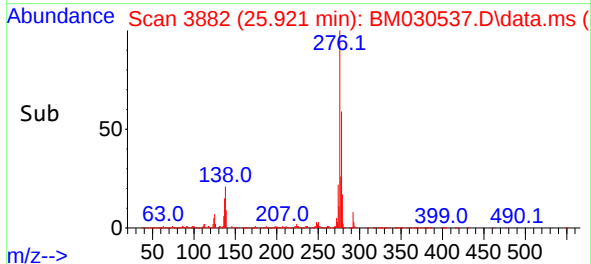
Instrument :
BNA_M
ClientSampled :
BGDF5



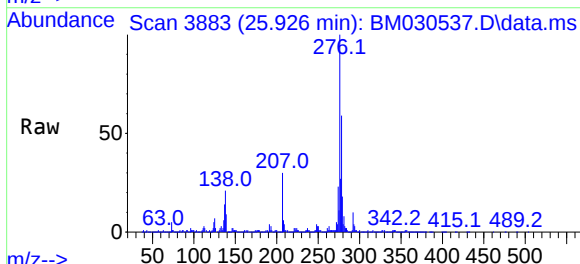
Tgt Ion:276 Resp: 1516026
Ion Ratio Lower Upper
276 100
138 21.9 19.5 29.3
277 26.8 19.6 29.4

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#95
Dibenzo(a,h)anthracene
Concen: 18.102 ng/ul
RT: 25.926 min Scan# 3883
Delta R.T. -0.012 min
Lab File: BM030537.D
Acq: 23 Jun 2021 05:01



Tgt Ion:278 Resp: 977069
Ion Ratio Lower Upper
278 100
139 15.6 12.8 19.2
279 30.5 19.1 28.7#

