

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101724\
 Data File : BM048118.D
 Acq On : 17 Oct 2024 23:01
 Operator : RC/JU
 Sample : P4380-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E27H7

Quant Time: Oct 17 23:37:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 17 15:44:59 2024
 Response via : Initial Calibration

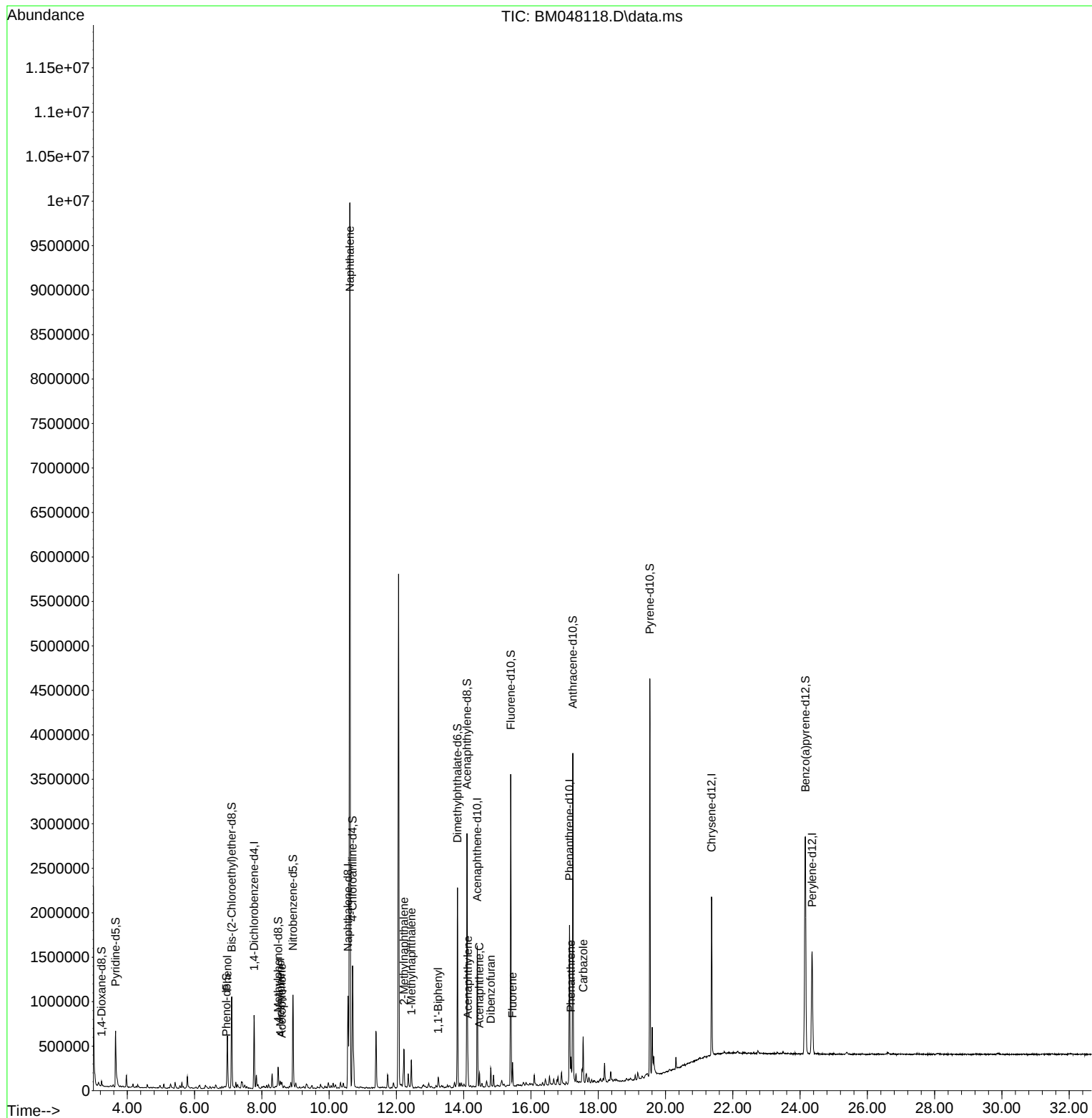
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	237113	20.000	ng/u1	0.00
20) Naphthalene-d8	10.563	136	926153	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.404	164	562289	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.145	188	1080352	20.000	ng/u1	0.00
79) Chrysene-d12	21.368	240	991750	20.000	ng/u1	0.00
88) Perylene-d12	24.356	264	1118581	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	30049	4.812	ng/uL	0.00
4) Pyridine-d5	3.652	84	393192	23.402	ng/u1	0.00
7) Phenol-d5	6.952	99	23044	1.200	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.105	67	445686	39.065	ng/u1	0.00
11) 2-Chlorophenol-d4	7.305	132	7416	0.446	ng/u1	0.00
15) 4-Methylphenol-d8	8.487	113	101231	6.772	ng/u1	0.00
21) Nitrobenzene-d5	8.928	128	301155	38.533	ng/u1	0.00
24) 2-Nitrophenol-d4	9.652	143	2611	0.302	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.199	165	4882	0.321	ng/u1	0.00
31) 4-Chloroaniline-d4	10.698	131	835801	41.924	ng/u1	0.00
46) Dimethylphthalate-d6	13.816	166	1545730	37.849	ng/u1	0.00
49) Acenaphthylene-d8	14.098	160	1945319	40.061	ng/u1	0.00
54) 4-Nitrophenol-d4	14.622	143	90	0.012	ng/u1	0.00
60) Fluorene-d10	15.398	176	1404593	40.285	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.545	200	151	0.022	ng/u1	0.02
73) Anthracene-d10	17.245	188	2177422	42.497	ng/u1	0.00
81) Pyrene-d10	19.533	212	2465161	40.678	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.156	264	2536482	42.455	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	6.975	94	375410	19.002	ng/u1	99
16) Acetophenone	8.593	105	38721	1.689	ng/u1	97
18) 4-Methylphenol	8.546	108	33106	2.059	ng/u1	94
30) Naphthalene	10.616	128	8994655	175.691	ng/u1	99
36) 2-Methylnaphthalene	12.228	142	211354	6.343	ng/u1	99
37) 1-Methylnaphthalene	12.445	142	158757	4.731	ng/u1	97
43) 1,1'-Biphenyl	13.240	154	46809	1.078	ng/u1	96
50) Acenaphthylene	14.128	152	133928	2.550	ng/u1	99
52) Acenaphthene	14.469	153	65281	1.796	ng/u1	96
56) Dibenzofuran	14.804	168	124790	2.510	ng/u1	97
61) Fluorene	15.451	166	109613	2.820	ng/u1	98
72) Phenanthrene	17.186	178	155199	2.626	ng/u1	99
77) Carbazole	17.551	167	341321	6.498	ng/u1	99

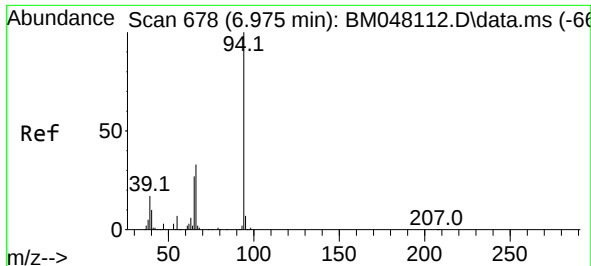
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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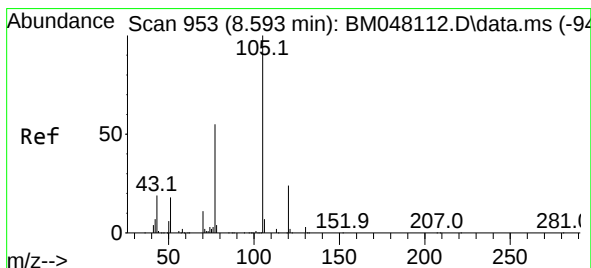
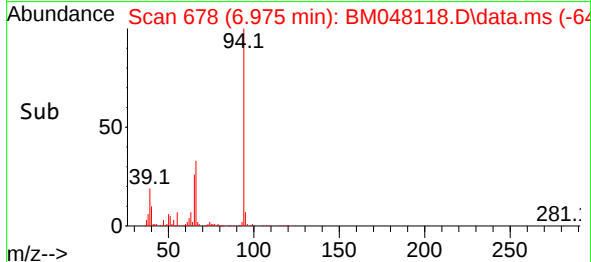
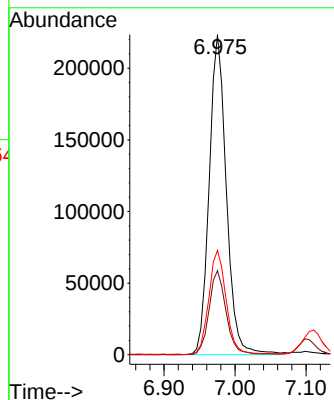
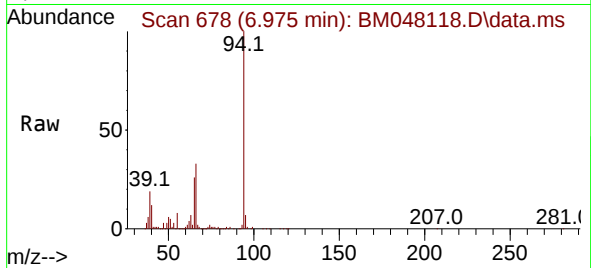




#8
Phenol
Concen: 19.002 ng/uI
RT: 6.975 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM048118.D
Acq: 17 Oct 2024 23:01

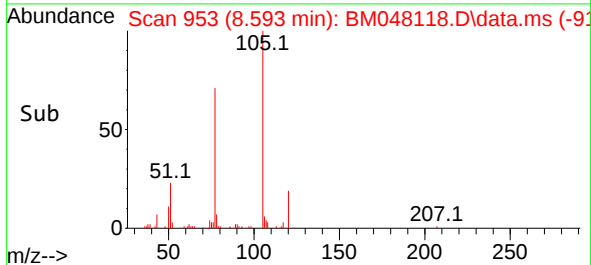
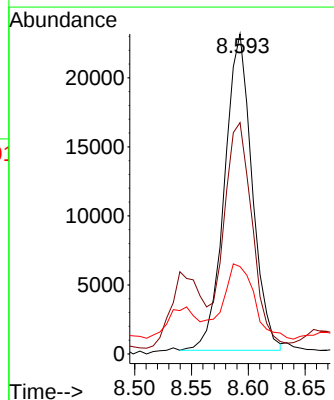
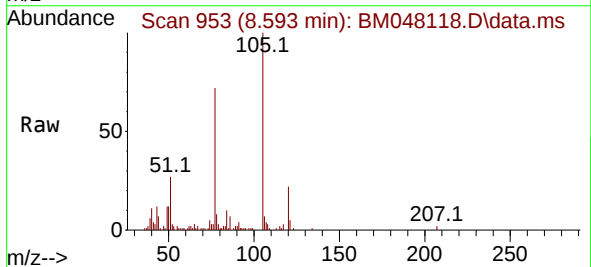
Instrument :
BNA_M
ClientSampleId :
E27H7

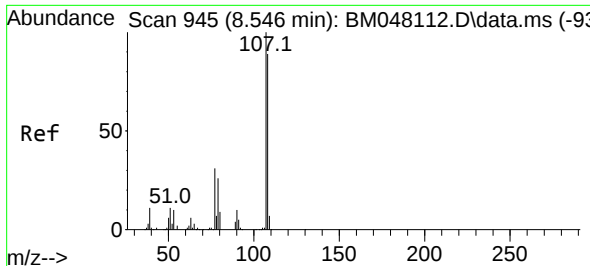
Tgt Ion: 94 Resp: 375410
Ion Ratio Lower Upper
94 100
65 26.3 21.0 31.4
66 32.6 25.0 37.6



#16
Acetophenone
Concen: 1.689 ng/uI
RT: 8.593 min Scan# 953
Delta R.T. 0.000 min
Lab File: BM048118.D
Acq: 17 Oct 2024 23:01

Tgt Ion:105 Resp: 38721
Ion Ratio Lower Upper
105 100
77 72.3 59.3 88.9
51 27.3 19.9 29.9

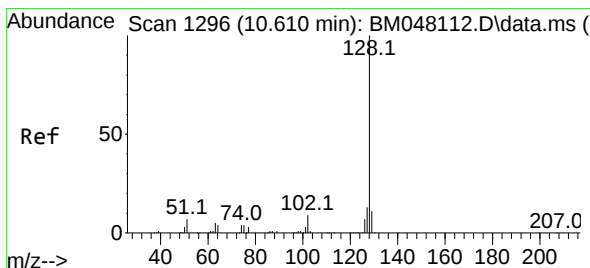
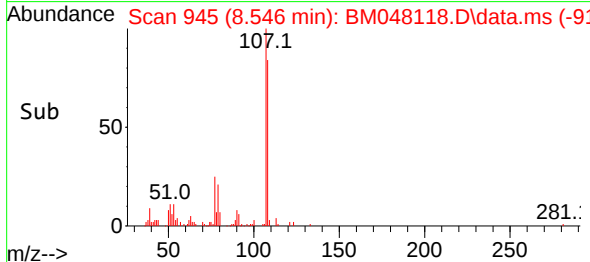
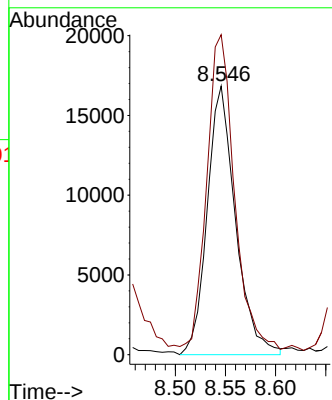
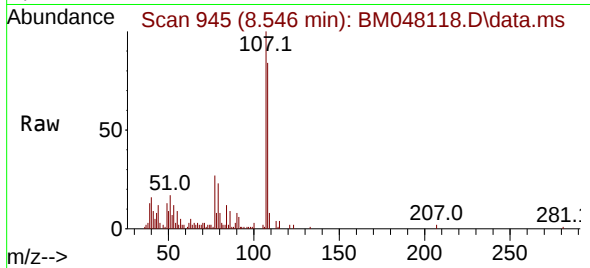




#18
4-Methylphenol
Concen: 2.059 ng/ul
RT: 8.546 min Scan# 945
Delta R.T. 0.000 min
Lab File: BM048118.D
Acq: 17 Oct 2024 23:01

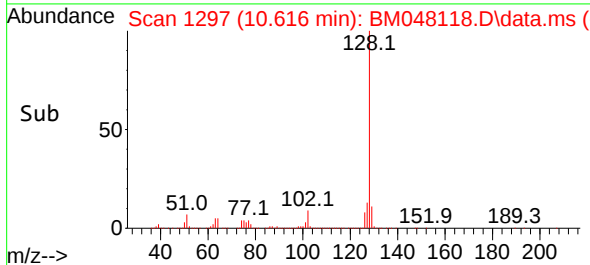
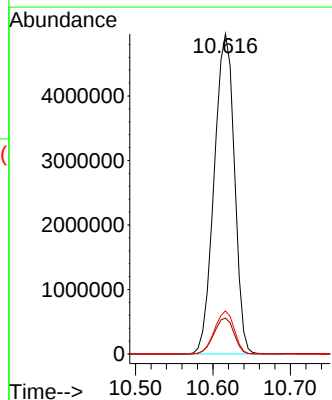
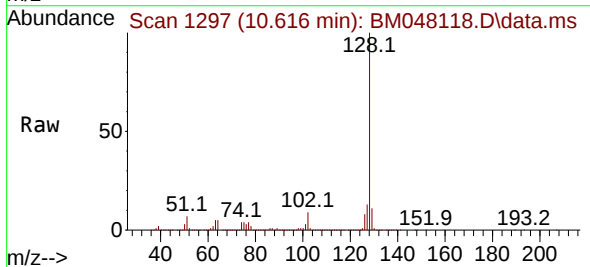
Instrument :
BNA_M
ClientSampleId :
E27H7

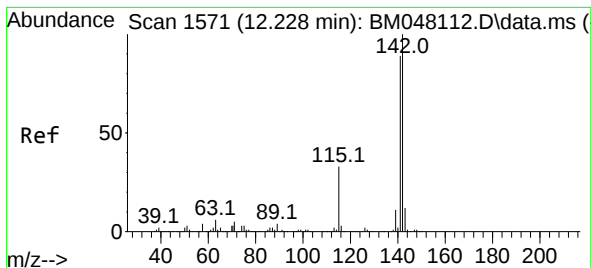
Tgt Ion:108 Resp: 33106
Ion Ratio Lower Upper
108 100
107 119.1 90.2 135.4



#30
Naphthalene
Concen: 175.691 ng/ul
RT: 10.616 min Scan# 1297
Delta R.T. 0.006 min
Lab File: BM048118.D
Acq: 17 Oct 2024 23:01

Tgt Ion:128 Resp: 8994655
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.4 10.3 15.5

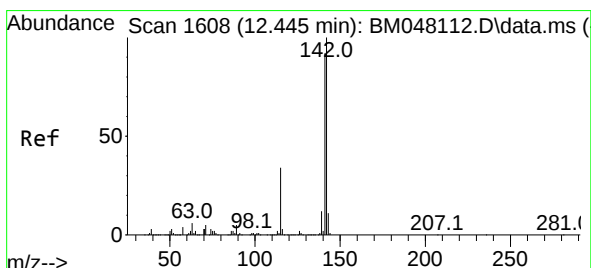
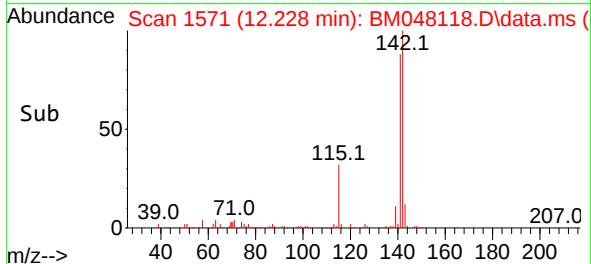
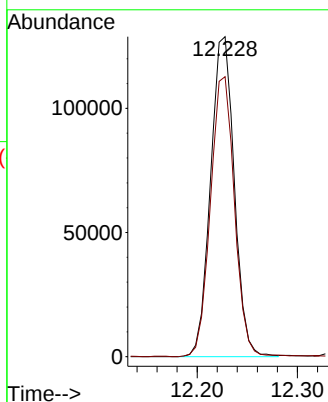
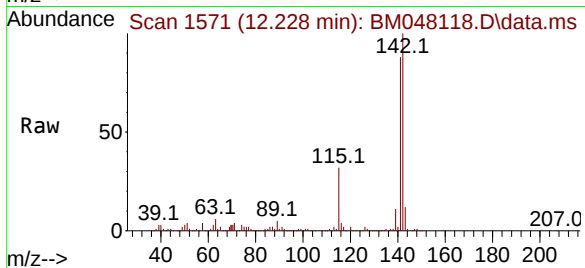




#36
2-Methylnaphthalene
Concen: 6.343 ng/ul
RT: 12.228 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BM048118.D
Acq: 17 Oct 2024 23:01

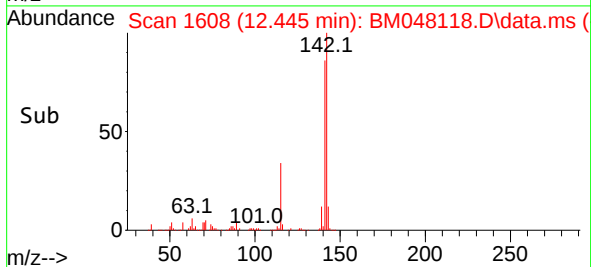
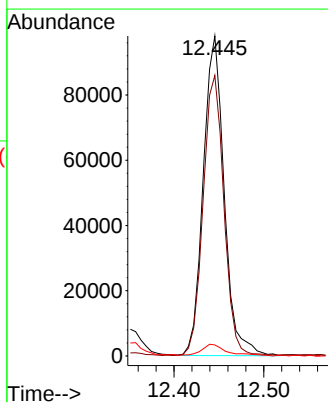
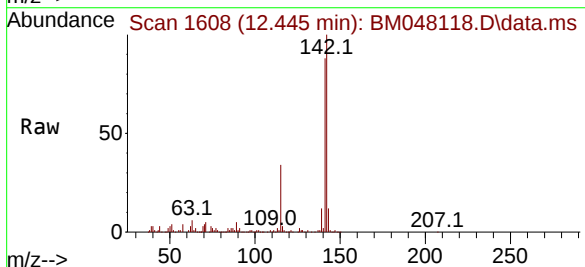
Instrument :
BNA_M
ClientSampleId :
E27H7

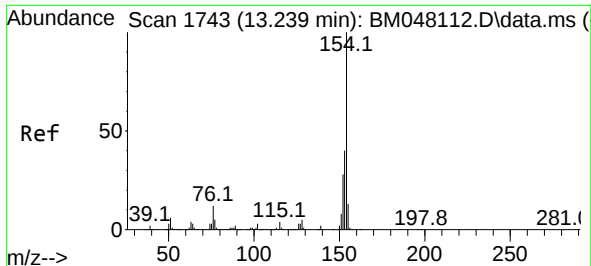
Tgt Ion:142 Resp: 211354
Ion Ratio Lower Upper
142 100
141 87.5 71.1 106.7



#37
1-Methylnaphthalene
Concen: 4.731 ng/ul
RT: 12.445 min Scan# 1608
Delta R.T. 0.000 min
Lab File: BM048118.D
Acq: 17 Oct 2024 23:01

Tgt Ion:142 Resp: 158757
Ion Ratio Lower Upper
142 100
141 87.6 72.8 109.2
116 3.5 2.7 4.1

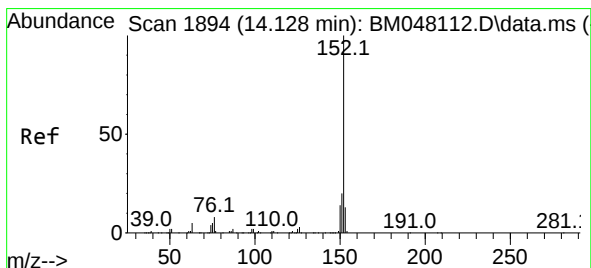
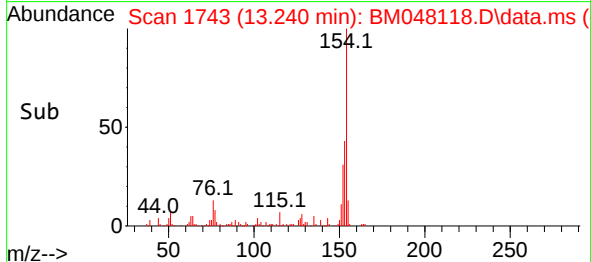
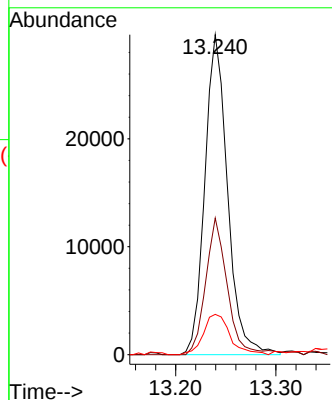
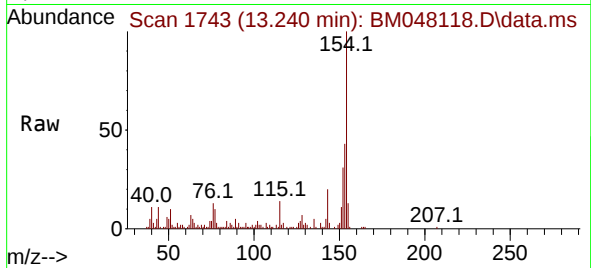




#43
1,1'-Biphenyl
Concen: 1.078 ng/ul
RT: 13.240 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM048118.D
Acq: 17 Oct 2024 23:01

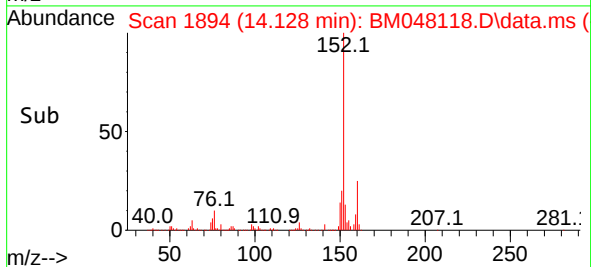
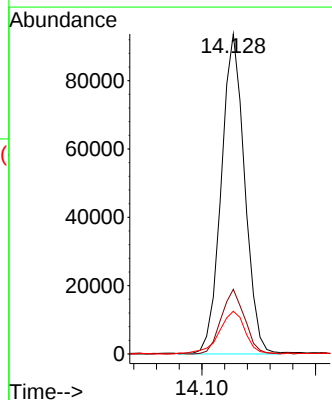
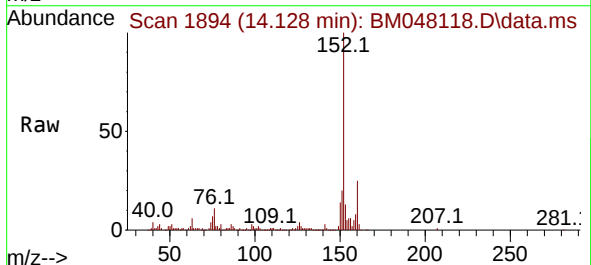
Instrument :
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ClientSampleId :
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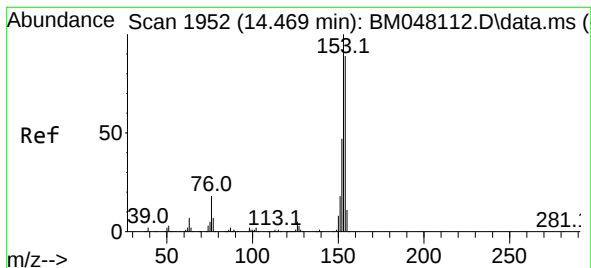
Tgt Ion:154	Resp:	46809
Ion Ratio	Lower	Upper
154	100	
153	42.7	31.5 47.3
76	12.6	9.6 14.4



#50
Acenaphthylene
Concen: 2.550 ng/ul
RT: 14.128 min Scan# 1894
Delta R.T. 0.000 min
Lab File: BM048118.D
Acq: 17 Oct 2024 23:01

Tgt Ion:152	Resp:	133928
Ion Ratio	Lower	Upper
152	100	
151	20.2	15.4 23.0
153	13.4	10.6 15.8





#52

Acenaphthene

Concen: 1.796 ng/ul

RT: 14.469 min Scan# 1952

Delta R.T. -0.006 min

Lab File: BM048118.D

Acq: 17 Oct 2024 23:01

Instrument :

BNA_M

ClientSampleId :

E27H7

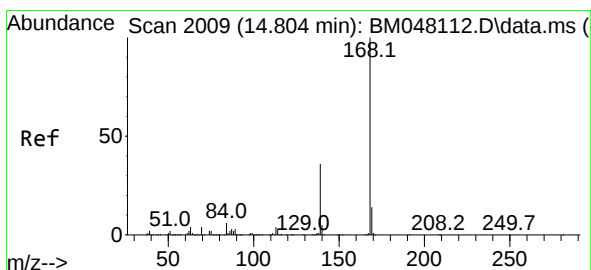
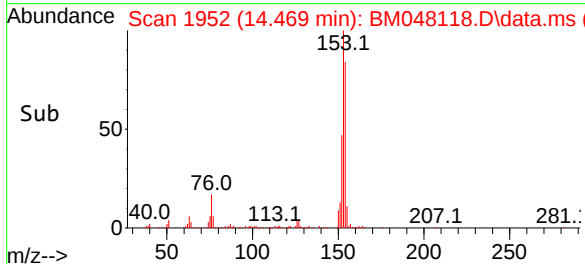
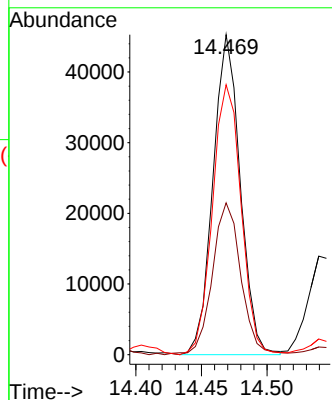
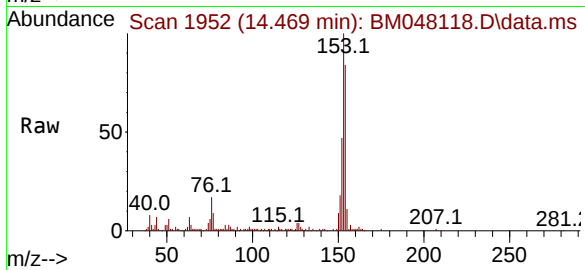
Tgt Ion:153 Resp: 65281

Ion Ratio Lower Upper

153 100

152 47.4 37.0 55.4

154 84.4 71.4 107.2



#56

Dibenzofuran

Concen: 2.510 ng/ul

RT: 14.804 min Scan# 2009

Delta R.T. -0.006 min

Lab File: BM048118.D

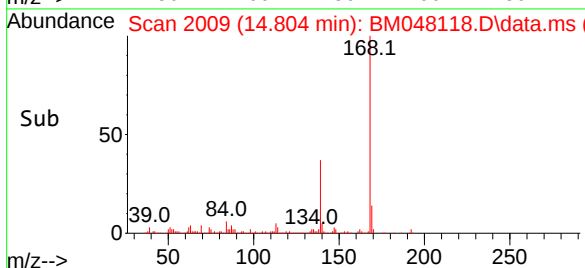
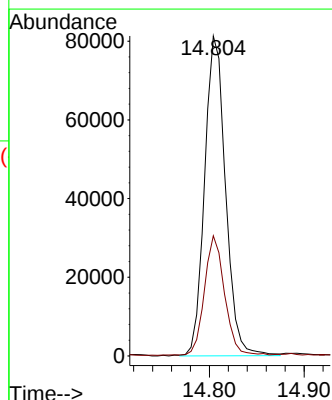
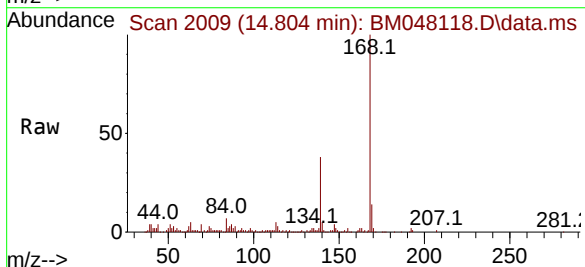
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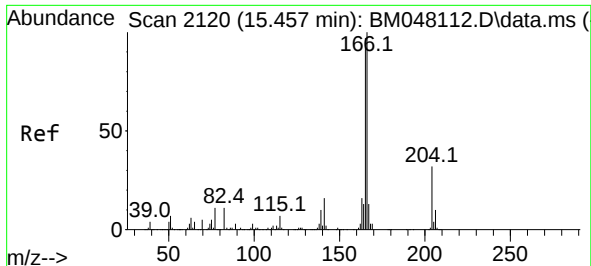
Tgt Ion:168 Resp: 124790

Ion Ratio Lower Upper

168 100

139 37.5 28.4 42.6

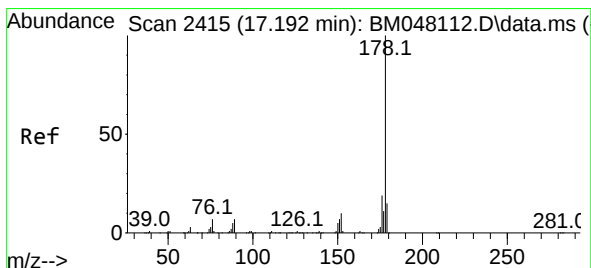
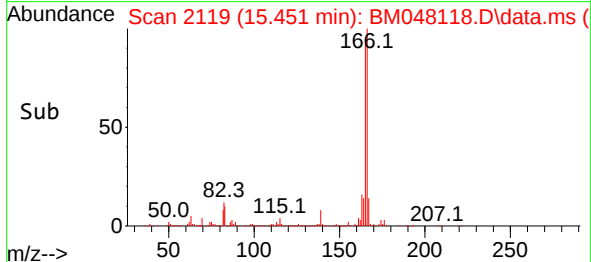
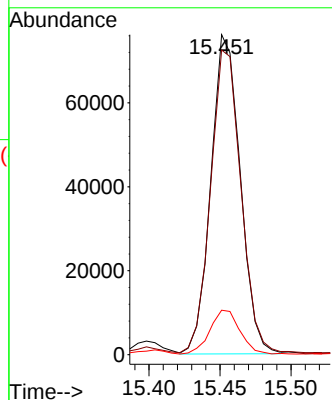
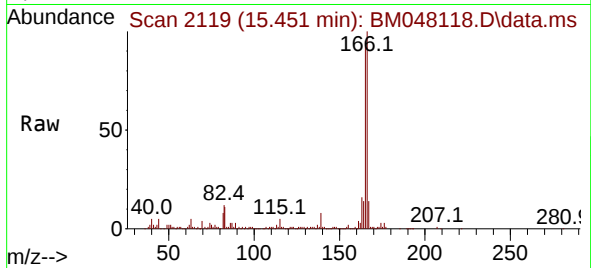




#61
Fluorene
Concen: 2.820 ng/ul
RT: 15.451 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BM048118.D
Acq: 17 Oct 2024 23:01

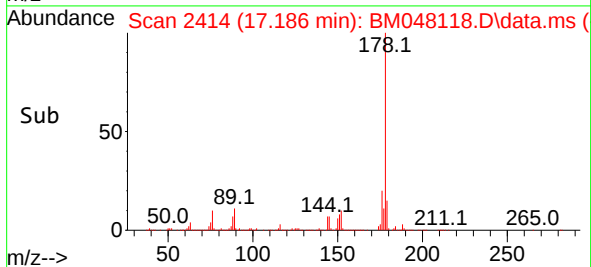
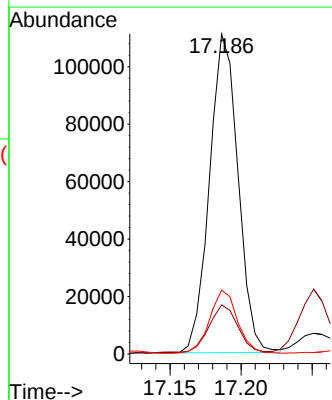
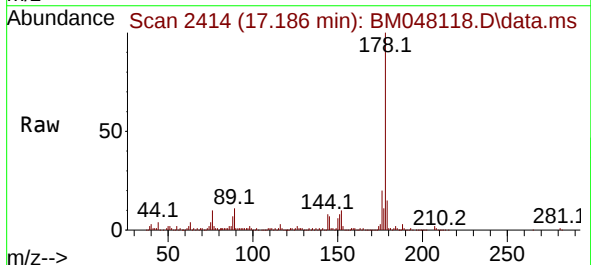
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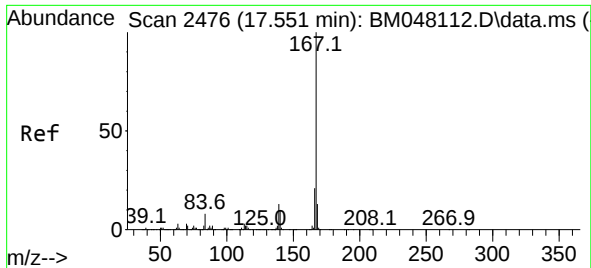
Tgt Ion:166 Resp: 109613
Ion Ratio Lower Upper
166 100
165 95.2 78.2 117.2
167 13.9 10.8 16.2



#72
Phenanthrene
Concen: 2.626 ng/ul
RT: 17.186 min Scan# 2414
Delta R.T. -0.006 min
Lab File: BM048118.D
Acq: 17 Oct 2024 23:01

Tgt Ion:178 Resp: 155199
Ion Ratio Lower Upper
178 100
179 15.4 12.4 18.6
176 20.0 15.6 23.4





#77
 Carbazole
 Concen: 6.498 ng/ul
 RT: 17.551 min Scan# 24
 Delta R.T. 0.000 min
 Lab File: BM048118.D
 Acq: 17 Oct 2024 23:01

Instrument :
 BNA_M
 ClientSampleId :
 E27H7

Tgt Ion:167 Resp: 341321
 Ion Ratio Lower Upper
 167 100
 166 20.7 16.9 25.3
 139 12.3 9.9 14.9

