Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080524\
Data File : BM046998.D
Acq On : 05 Aug 2024 19:12
Operator : RC/JU
Sample : P3329-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7E13

Quant Time: Aug 06 01:21:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 03 02:51:11 2024
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
	Internal Standards						
1)	1,4-Dichlorobenzene-d4	7.398	152	208118	20.000	ng/ul	0.00
20)	Naphthalene-d8	10.157	136	809151	20.000	ng/ul	0.00
38)	Acenaphthene-d10	14.057	164	547145	20.000	ng/ul	0.00
64)	Phenanthrene-d10	16.816	188	1197854	20.000	ng/ul	0.00
79)	Chrysene-d12	21.051	240	1136490	20.000	ng/ul	0.00
88)	Perylene-d12	23.762	264	1280663	20.000	ng/ul	-0.01
	System Monitoring Compounds						
3)	1,4-Dioxane-d8	3.022	96	13024	2.479	ng/uL	0.00
4)	Pyridine-d5	3.411	84	210317	14.678	ng/ul	0.00
7)	Phenol-d5	6.604	99	267155	16.898	ng/ul	0.00
9)	Bis-(2-Chloroethyl)eth...	6.757	67	178813	17.190	ng/ul	0.00
11)	2-Chlorophenol-d4	6.940	132	222801	16.637	ng/ul	0.00
15)	4-Methylphenol-d8	8.116	113	221382	17.676	ng/ul	0.00
21)	Nitrobenzene-d5	8.540	128	111683	17.201	ng/ul	0.00
24)	2-Nitrophenol-d4	9.257	143	124921	17.618	ng/ul	0.00
28)	2,4-Dichlorophenol-d3	9.792	165	228485	16.783	ng/ul	0.00
31)	4-Chloroaniline-d4	10.304	131	300508	16.796	ng/ul	0.00
46)	Dimethylphthalate-d6	13.480	166	760729	18.184	ng/ul	0.00
49)	Acenaphthylene-d8	13.739	160	859417	18.404	ng/ul	0.00
54)	4-Nitrophenol-d4	14.292	143	121458	15.015	ng/ul	0.00
60)	Fluorene-d10	15.063	176	660780	18.464	ng/ul	0.00
65)	4,6-Dinitro-2-methylph...	15.198	200	90925	12.014	ng/ul	0.00
73)	Anthracene-d10	16.916	188	988688	17.411	ng/ul	0.00
81)	Pyrene-d10	19.227	212	1221989	18.783	ng/ul	0.00
92)	Benzo(a)pyrene-d12	23.580	264	1262286	18.718	ng/ul	0.00
	Target Compounds						Qvalue
8)	Phenol	6.628	94	77547	4.871	ng/ul	94
13)	2-Methylphenol	7.857	108	27948	2.304	ng/ul	94
18)	4-Methylphenol	8.181	108	88176	6.729	ng/ul	99
26)	2,4-Dimethylphenol	9.369	107	31751	2.077	ng/ul	96
30)	Naphthalene	10.210	128	7155629	167.026	ng/ul	100
32)	4-Chloroaniline	10.210	127	935678	53.852	ng/ul#	4
36)	2-Methylnaphthalene	11.833	142	1783284	59.613	ng/ul	99
37)	1-Methylnaphthalene	12.057	142	853079	28.171	ng/ul	98
43)	1,1'-Biphenyl	12.875	154	494470	12.080	ng/ul	99
50)	Acenaphthylene	13.769	152	127216	2.579	ng/ul#	96
52)	Acenaphthene	14.122	153	1389743	39.087	ng/ul	99
56)	Dibenzofuran	14.463	168	1612843	32.321	ng/ul	97
61)	Fluorene	15.116	166	1592923	38.703	ng/ul	98
63)	4-Nitroaniline	15.116	138	18325	2.231	ng/ul#	8
72)	Phenanthrene	16.863	178	6608485	98.418	ng/ul	99
74)	Anthracene	16.951	178	1079017	15.934	ng/ul	99
77)	Carbazole	17.227	167	714078	11.375	ng/ul	99
80)	Fluoranthene	18.892	202	4099558	52.727	ng/ul	99
82)	Pyrene	19.257	202	2720081	32.833	ng/ul	99
85)	Benzo(a)anthracene	21.033	228	875101	10.543	ng/ul	99
87)	Chrysene	21.092	228	694481	8.773	ng/ul	98
90)	Benzo(b)fluoranthene	22.915	252	467101	5.896	ng/ul	98
91)	Benzo(k)fluoranthene	22.915	252	467101	5.967	ng/ul	97
93)	Benzo(a)pyrene	23.639	252	281869	3.819	ng/ul	99

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080524\
Data File : BM046998.D
Acq On : 05 Aug 2024 19:12
Operator : RC/JU
Sample : P3329-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7E13

Quant Time: Aug 06 01:21:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 03 02:51:11 2024
Response via : Initial Calibration

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

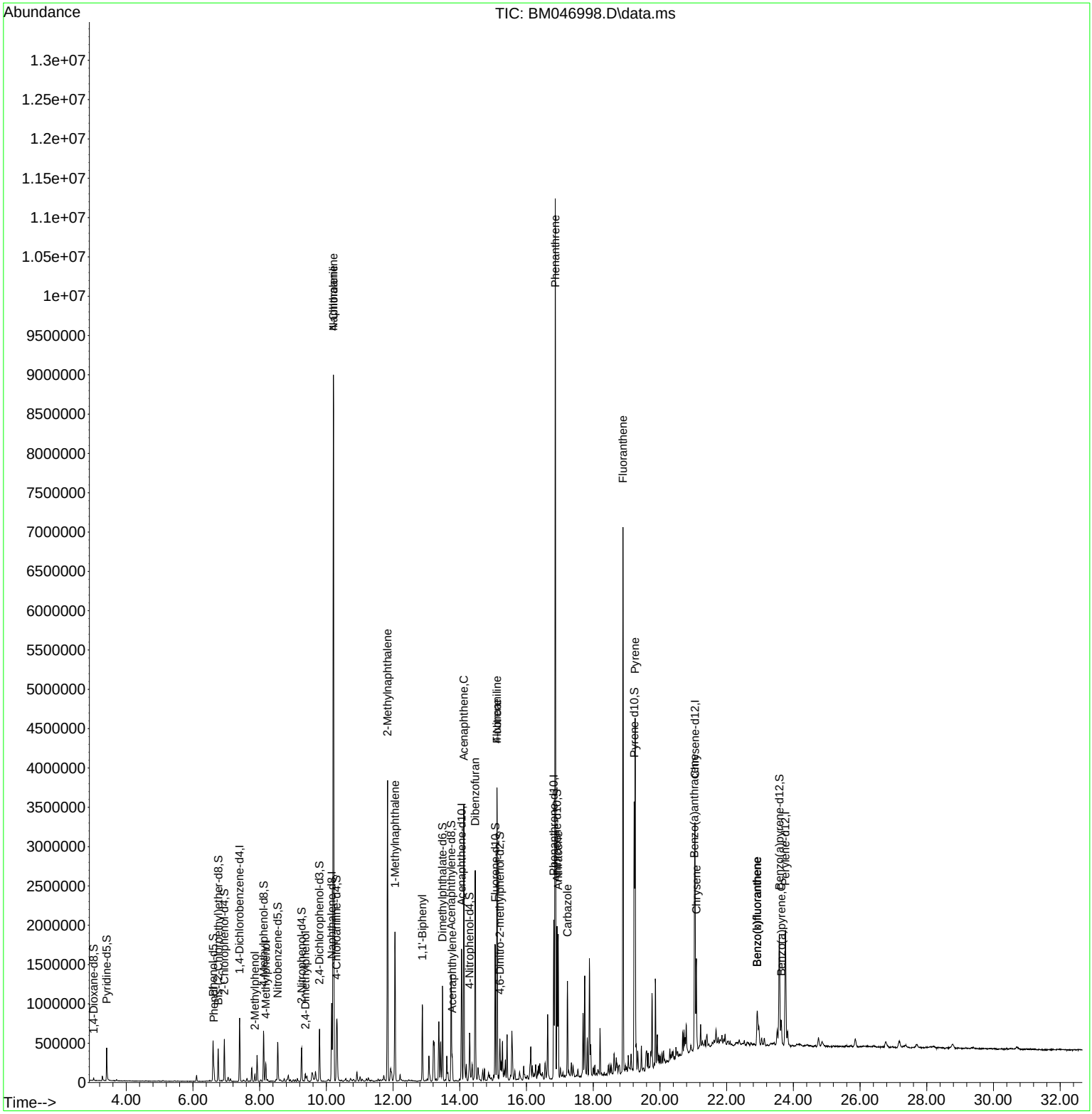
(#) = qualifier out of range (m) = manual integration (+) = signals summed

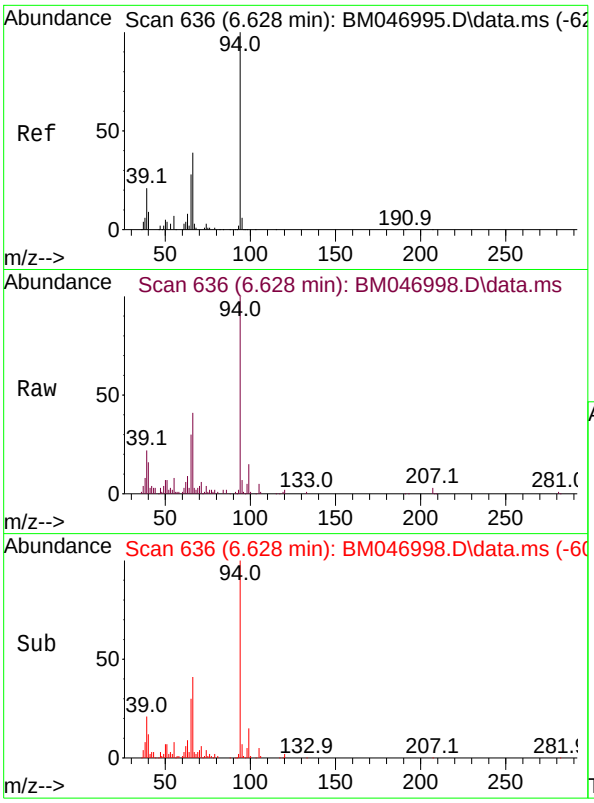
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080524\
Data File : BM046998.D
Acq On : 05 Aug 2024 19:12
Operator : RC/JU
Sample : P3329-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7E13

Quant Time: Aug 06 01:21:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 03 02:51:11 2024
Response via : Initial Calibration



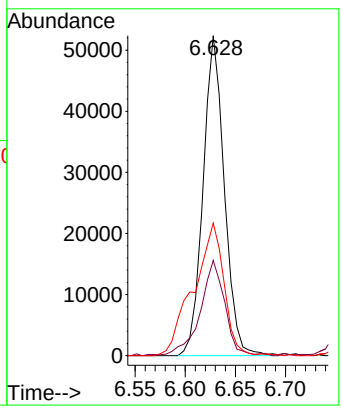


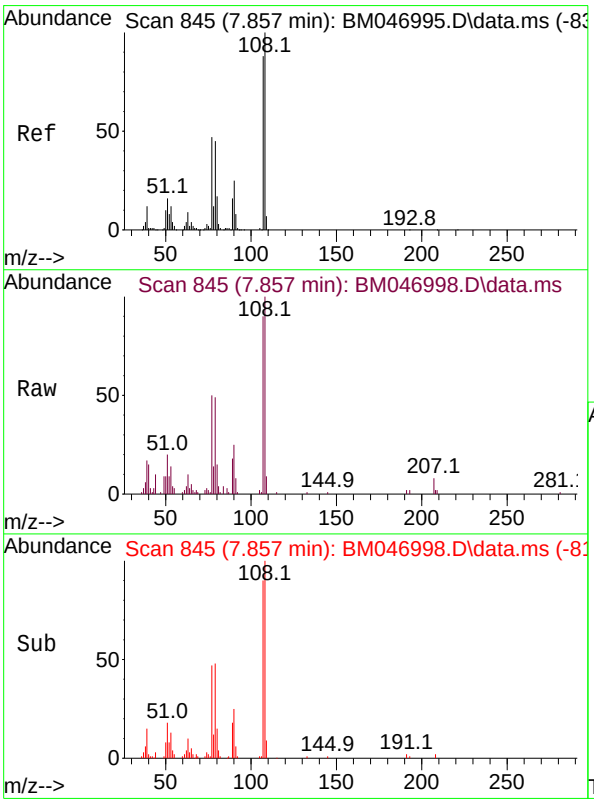
#8
Phenol
Concen: 4.871 ng/ul
RT: 6.628 min Scan# 6
Delta R.T. -0.006 min
Lab File: BM046998.D
Acq: 05 Aug 2024 19:12

Instrument :
BNA_M
ClientSampleId :
F7E13

Tgt Ion: 94 Resp: 77547

Ion	Ratio	Lower	Upper
94	100		
65	29.8	25.1	37.7
66	41.5	37.7	56.5

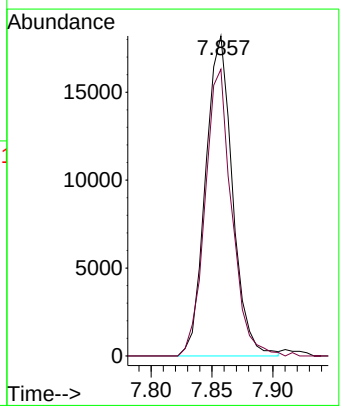


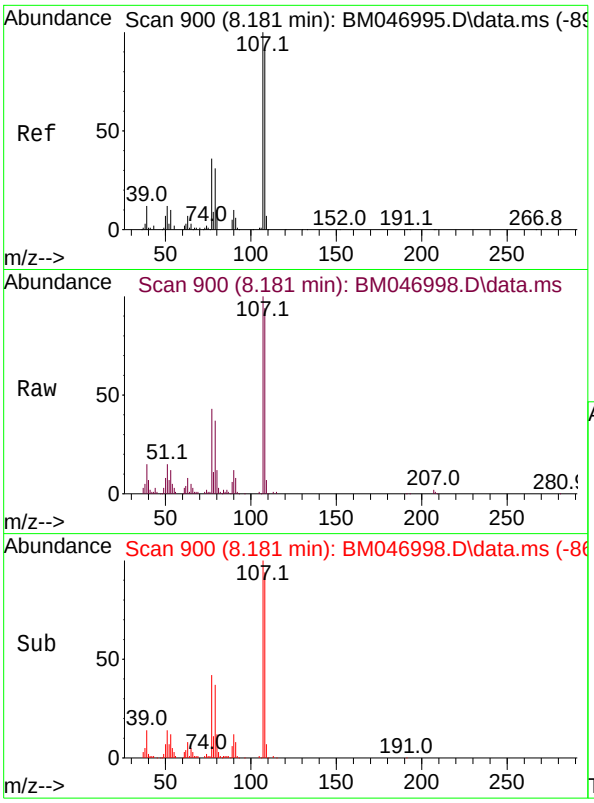


#13
2-Methylphenol
Concen: 2.304 ng/ul
RT: 7.857 min Scan# 845
Delta R.T. 0.000 min
Lab File: BM046998.D
Acq: 05 Aug 2024 19:12

Tgt Ion:108 Resp: 27948

Ion	Ratio	Lower	Upper
108	100		
107	89.6	67.4	101.0



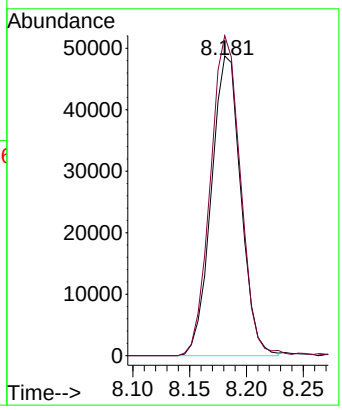


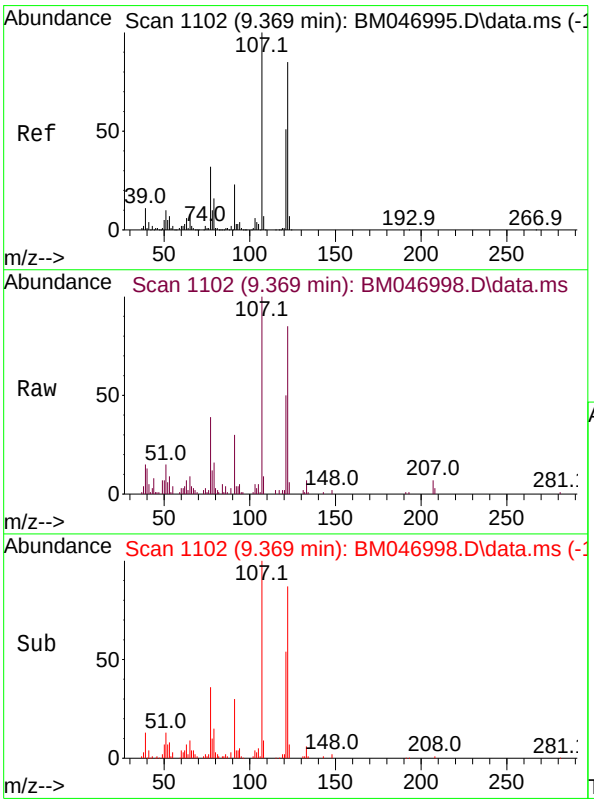
#18
4-Methylphenol
Concen: 6.729 ng/ul
RT: 8.181 min Scan# 9
Delta R.T. -0.006 min
Lab File: BM046998.D
Acq: 05 Aug 2024 19:12

Instrument :
BNA_M
ClientSampleId :
F7E13

Tgt Ion:108 Resp: 88176

Ion	Ratio	Lower	Upper
108	100		
107	106.8	86.4	129.6

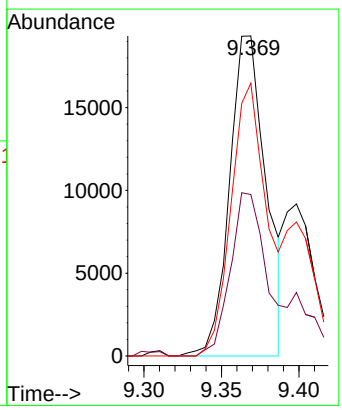


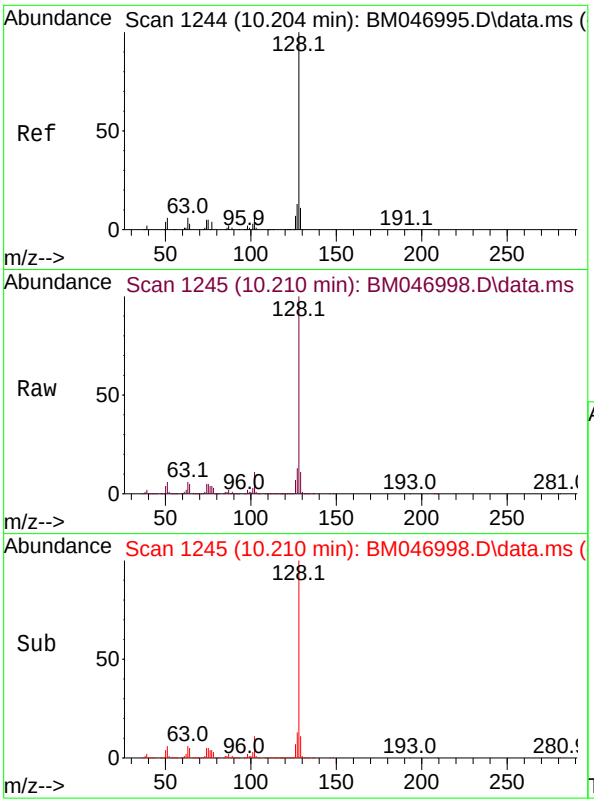


#26
2,4-Dimethylphenol
Concen: 2.077 ng/ul
RT: 9.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: BM046998.D
Acq: 05 Aug 2024 19:12

Tgt Ion:107 Resp: 31751

Ion	Ratio	Lower	Upper
107	100		
121	50.5	37.3	55.9
122	85.3	65.8	98.6



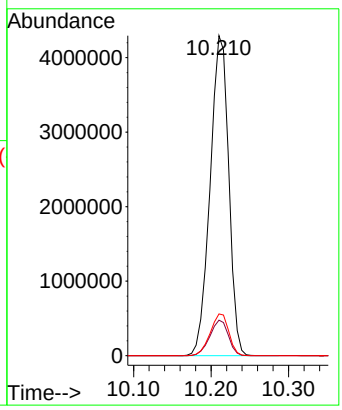


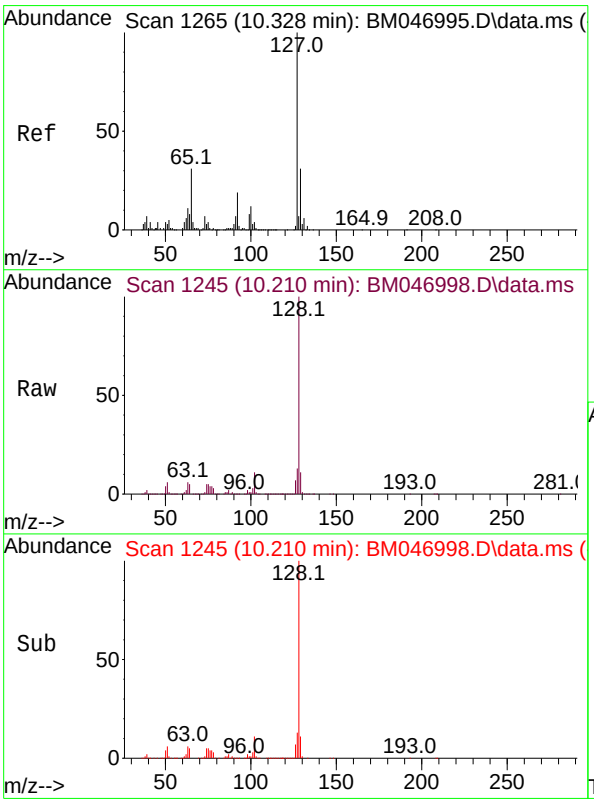
#30
Naphthalene
Concen: 167.026 ng/ul
RT: 10.210 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM046998.D
Acq: 05 Aug 2024 19:12

Instrument :
BNA_M
ClientSampleId :
F7E13

Tgt Ion:128 Resp: 7155629

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	13.0
127	13.0	10.4	15.6

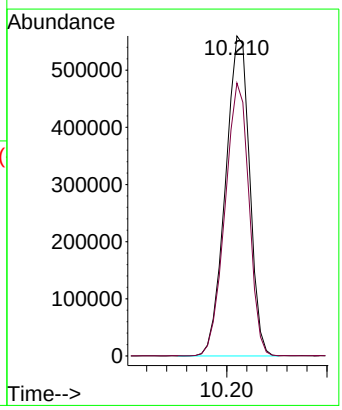


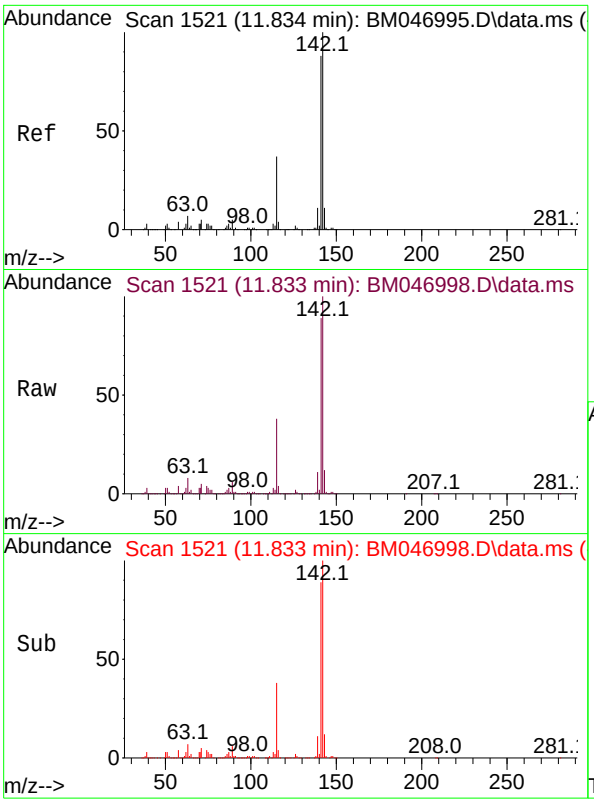


#32
4-Chloroaniline
Concen: 53.852 ng/ul
RT: 10.210 min Scan# 1245
Delta R.T. -0.123 min
Lab File: BM046998.D
Acq: 05 Aug 2024 19:12

Tgt Ion:127 Resp: 935678

Ion	Ratio	Lower	Upper
127	100		
129	85.3	25.6	38.4#



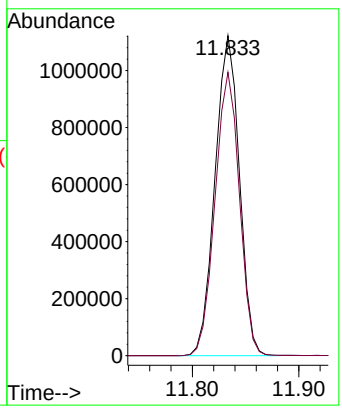


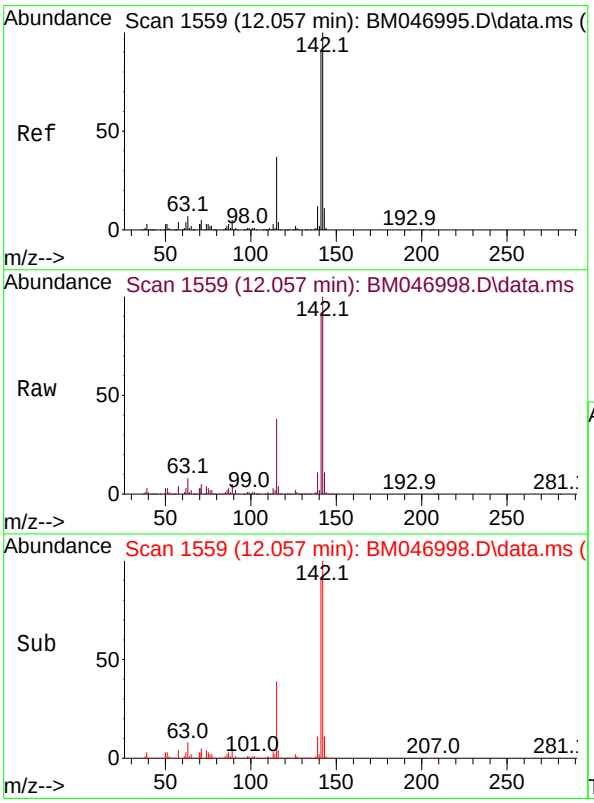
#36
2-Methylnaphthalene
Concen: 59.613 ng/ul
RT: 11.833 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM046998.D
Acq: 05 Aug 2024 19:12

Instrument :
BNA_M
ClientSampleId :
F7E13

Tgt Ion:142 Resp: 1783284

Ion	Ratio	Lower	Upper
142	100		
141	88.5	69.9	104.9

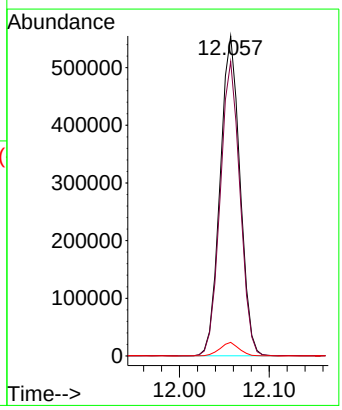


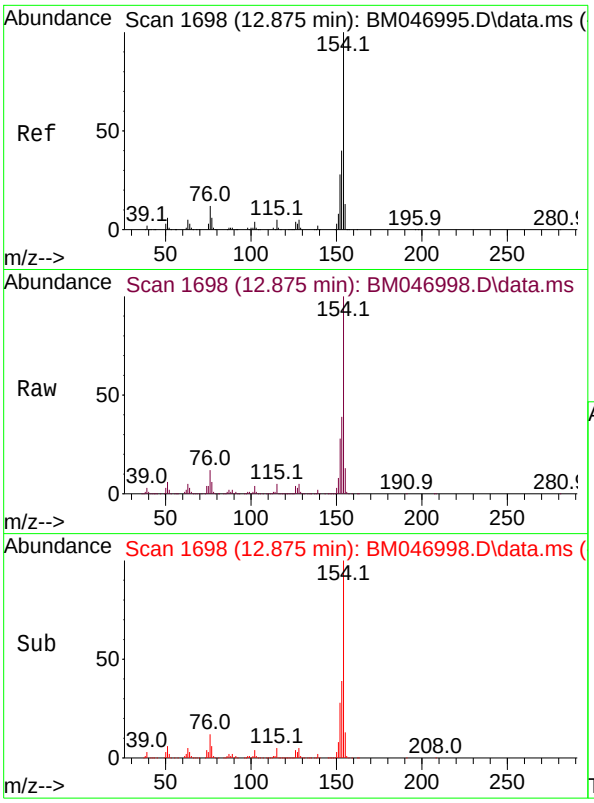


#37
1-Methylnaphthalene
Concen: 28.171 ng/ul
RT: 12.057 min Scan# 1559
Delta R.T. -0.006 min
Lab File: BM046998.D
Acq: 05 Aug 2024 19:12

Tgt Ion:142 Resp: 853079

Ion	Ratio	Lower	Upper
142	100		
141	92.0	72.0	108.0
116	4.2	3.6	5.4



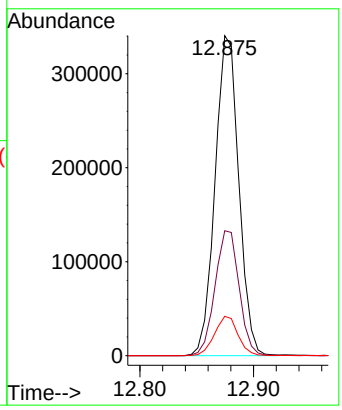


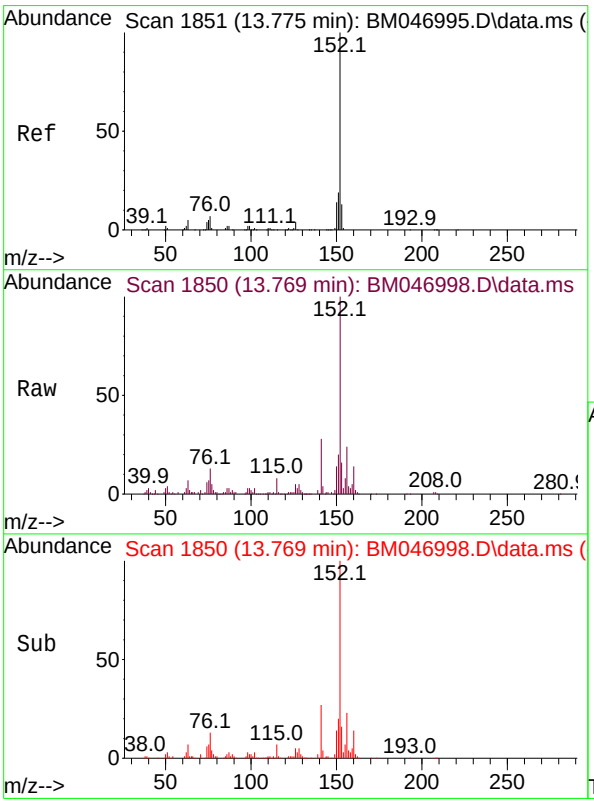
#43
1,1'-Biphenyl
Concen: 12.080 ng/ul
RT: 12.875 min Scan# 1(
Delta R.T. -0.006 min
Lab File: BM046998.D
Acq: 05 Aug 2024 19:12

Instrument :
BNA_M
ClientSampleId :
F7E13

Tgt Ion:154 Resp: 494470

Ion	Ratio	Lower	Upper
154	100		
153	39.0	30.7	46.1
76	12.3	9.3	13.9

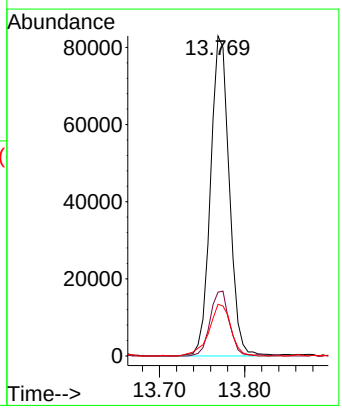


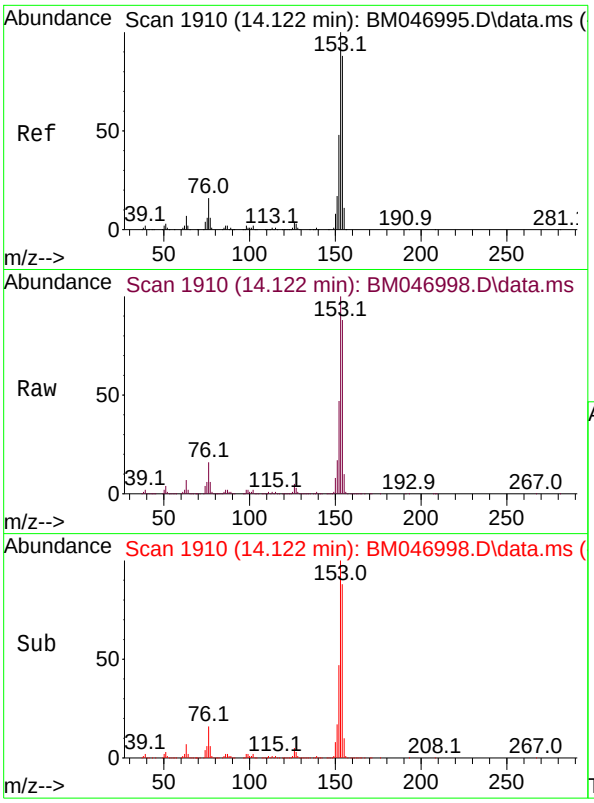


#50
Acenaphthylene
Concen: 2.579 ng/ul
RT: 13.769 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BM046998.D
Acq: 05 Aug 2024 19:12

Tgt Ion:152 Resp: 127216

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.7	23.5
153	16.2	10.1	15.1#



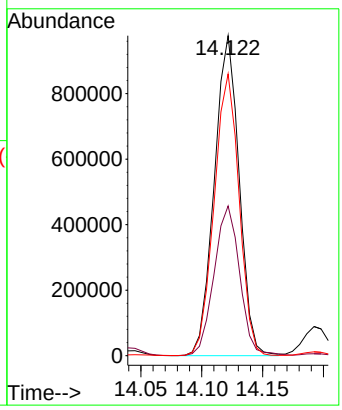


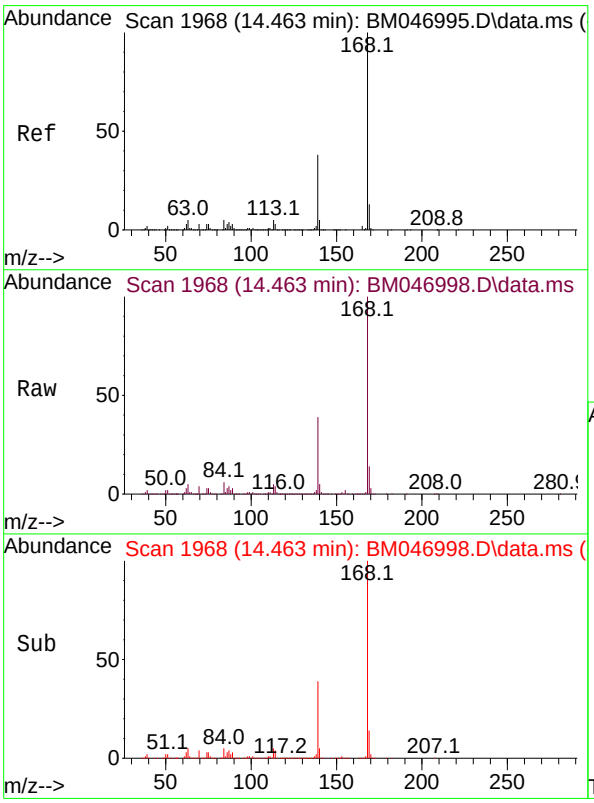
#52
Acenaphthene
Concen: 39.087 ng/ul
RT: 14.122 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM046998.D
Acq: 05 Aug 2024 19:12

Instrument :
BNA_M
ClientSampleId :
F7E13

Tgt Ion:153 Resp: 1389743

Ion	Ratio	Lower	Upper
153	100		
152	46.8	38.2	57.2
154	88.1	70.1	105.1

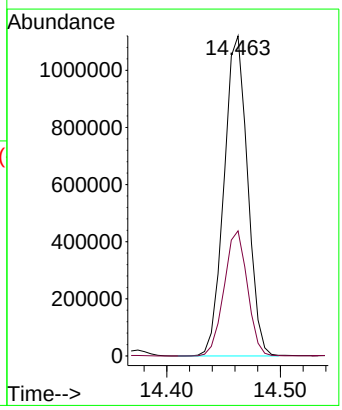


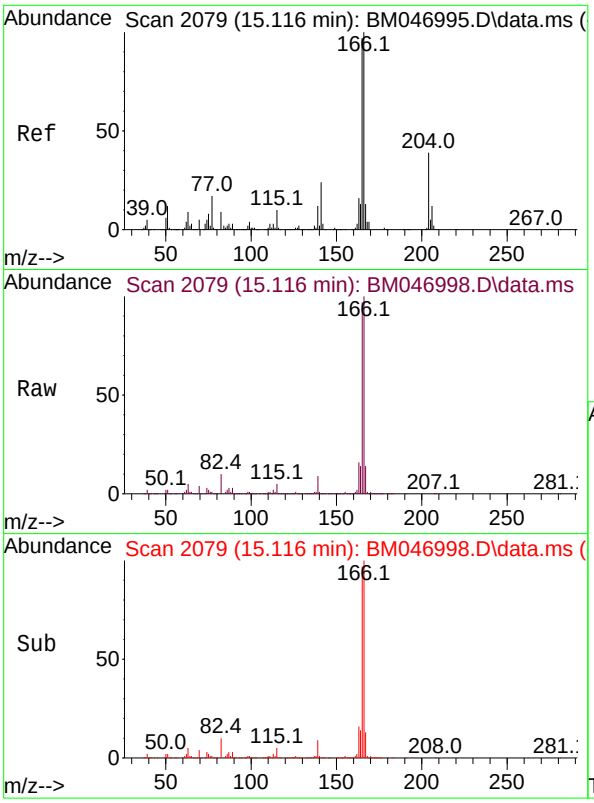


#56
Dibenzofuran
Concen: 32.321 ng/ul
RT: 14.463 min Scan# 1968
Delta R.T. -0.006 min
Lab File: BM046998.D
Acq: 05 Aug 2024 19:12

Tgt Ion:168 Resp: 1612843

Ion	Ratio	Lower	Upper
168	100		
139	39.1	33.0	49.4



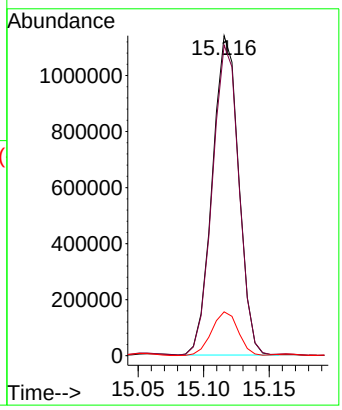


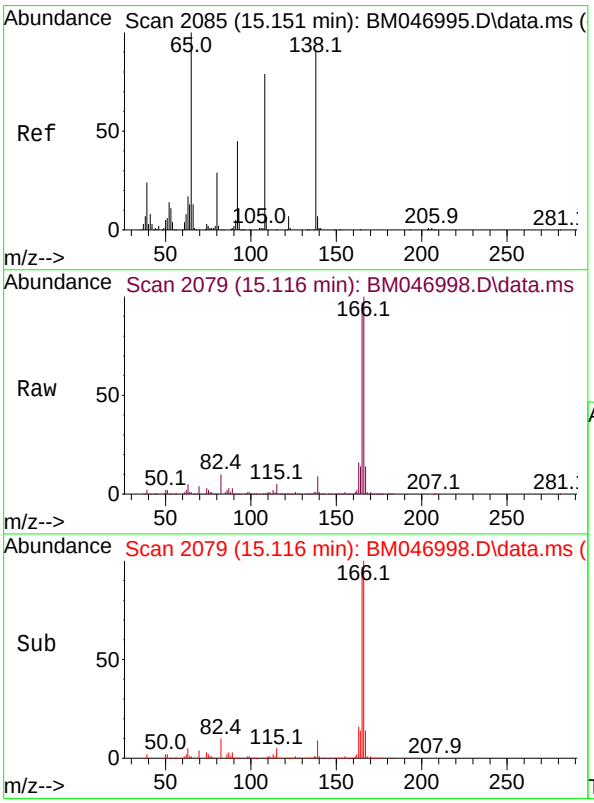
#61
Fluorene
Concen: 38.703 ng/ul
RT: 15.116 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BM046998.D
Acq: 05 Aug 2024 19:12

Instrument :
BNA_M
ClientSampleId :
F7E13

Tgt Ion:166 Resp: 1592923

Ion	Ratio	Lower	Upper
166	100		
165	97.0	79.5	119.3
167	13.7	11.5	17.3

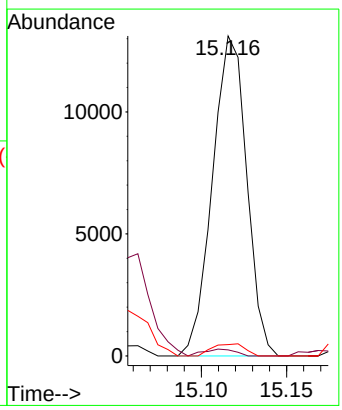


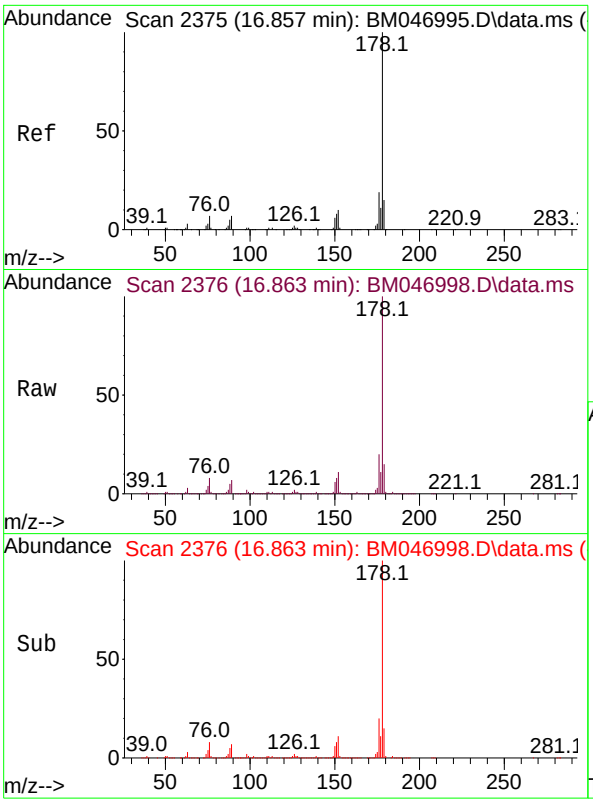


#63
4-Nitroaniline
Concen: 2.231 ng/ul
RT: 15.116 min Scan# 2079
Delta R.T. -0.035 min
Lab File: BM046998.D
Acq: 05 Aug 2024 19:12

Tgt Ion:138 Resp: 18325

Ion	Ratio	Lower	Upper
138	100		
92	1.9	47.7	71.5#
108	3.5	87.3	130.9#



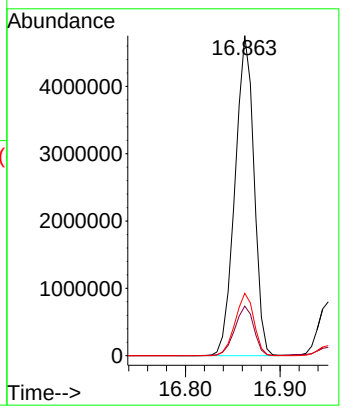


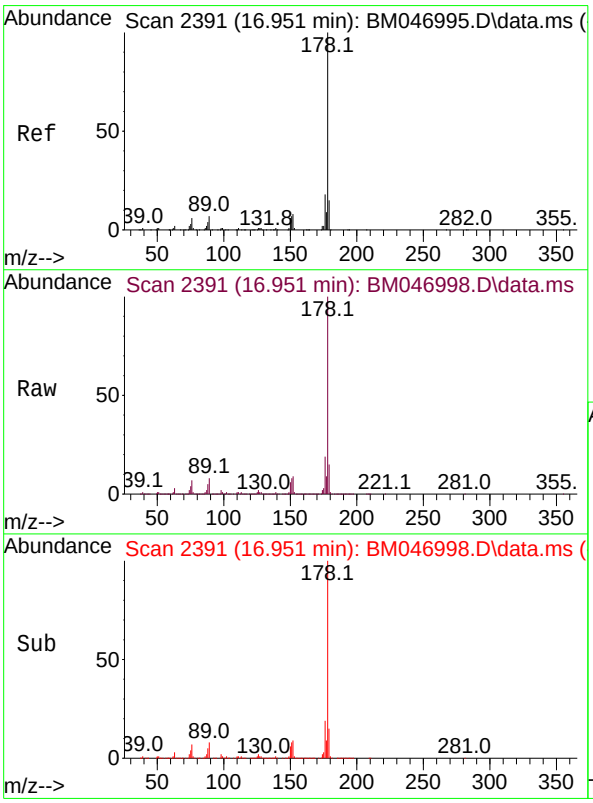
#72
Phenanthrene
Concen: 98.418 ng/ul
RT: 16.863 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM046998.D
Acq: 05 Aug 2024 19:12

Instrument :
BNA_M
ClientSampleId :
F7E13

Tgt Ion:178 Resp: 6608485

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	19.5	15.3	22.9

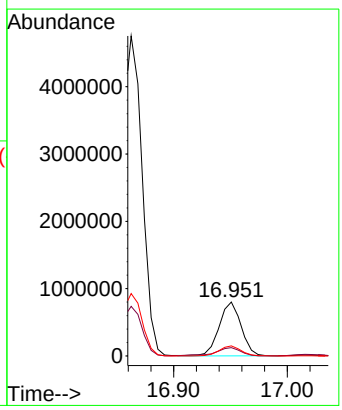


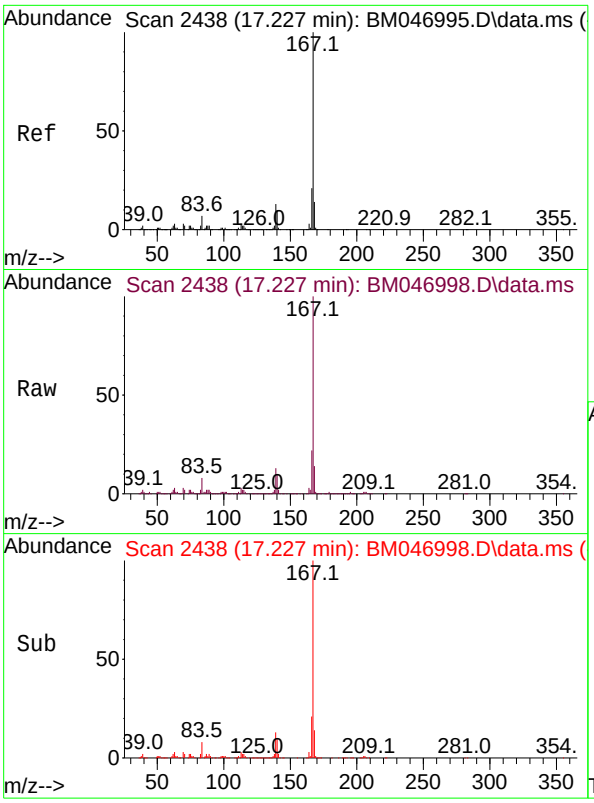


#74
Anthracene
Concen: 15.934 ng/ul
RT: 16.951 min Scan# 2391
Delta R.T. 0.000 min
Lab File: BM046998.D
Acq: 05 Aug 2024 19:12

Tgt Ion:178 Resp: 1079017

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.2
176	18.6	14.6	22.0



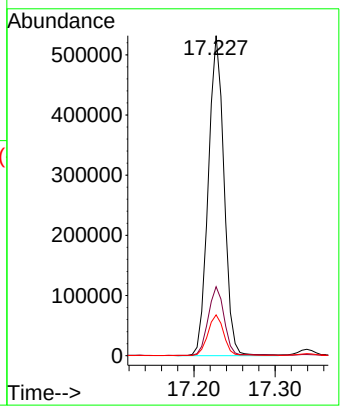


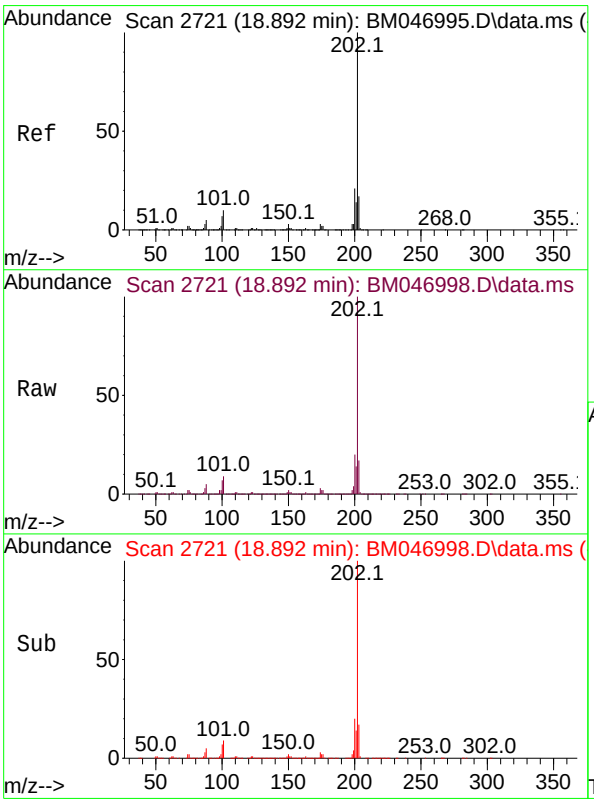
#77
Carbazole
Concen: 11.375 ng/ul
RT: 17.227 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM046998.D
Acq: 05 Aug 2024 19:12

Instrument :
BNA_M
ClientSampleId :
F7E13

Tgt Ion:167 Resp: 714078

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.0	25.4
139	12.7	10.6	16.0

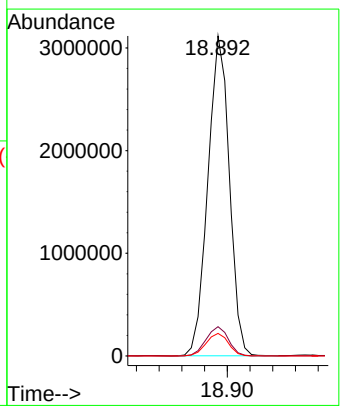


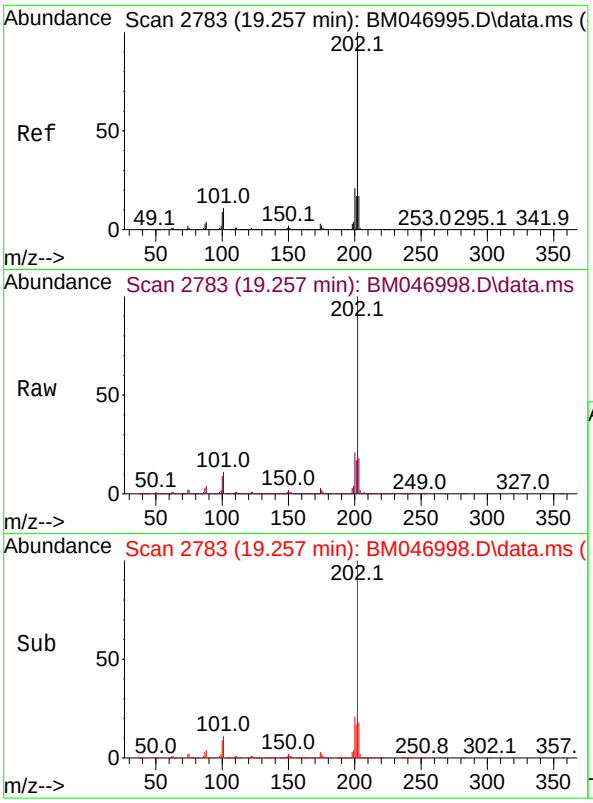


#80
Fluoranthene
Concen: 52.727 ng/ul
RT: 18.892 min Scan# 2721
Delta R.T. 0.000 min
Lab File: BM046998.D
Acq: 05 Aug 2024 19:12

Tgt Ion:202 Resp: 4099558

Ion	Ratio	Lower	Upper
202	100		
101	9.1	7.8	11.6
100	7.0	5.9	8.9



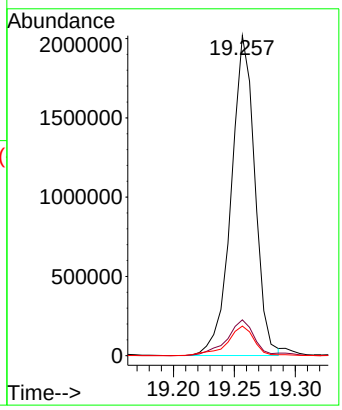


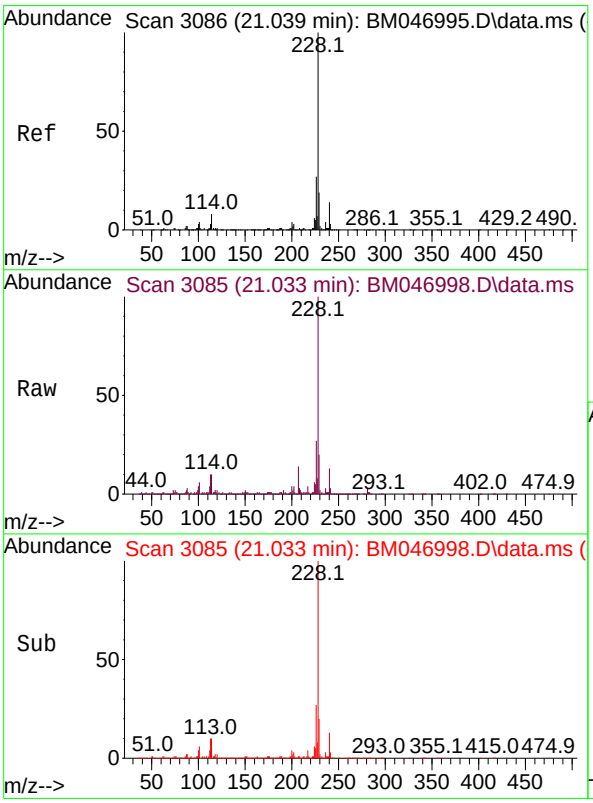
#82
Pyrene
Concen: 32.833 ng/ul
RT: 19.257 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM046998.D
Acq: 05 Aug 2024 19:12

Instrument :
BNA_M
ClientSampleId :
F7E13

Tgt Ion:202 Resp: 2720081

Ion	Ratio	Lower	Upper
202	100		
101	11.2	8.7	13.1
100	9.2	6.8	10.2

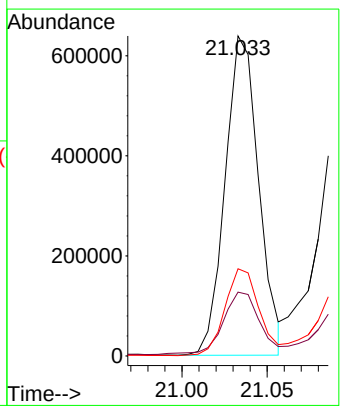


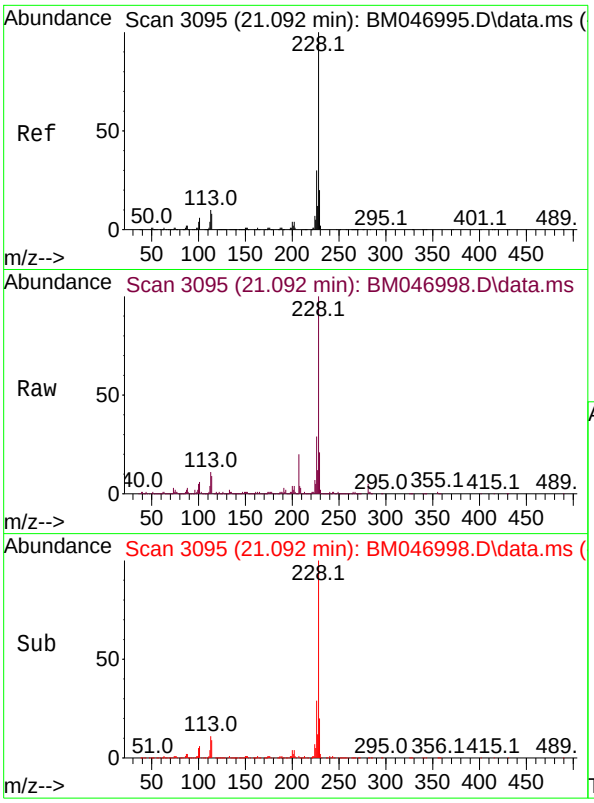


#85
Benzo(a)anthracene
Concen: 10.543 ng/ul
RT: 21.033 min Scan# 3085
Delta R.T. -0.006 min
Lab File: BM046998.D
Acq: 05 Aug 2024 19:12

Tgt Ion:228 Resp: 875101

Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.5	23.3
226	27.3	21.2	31.8



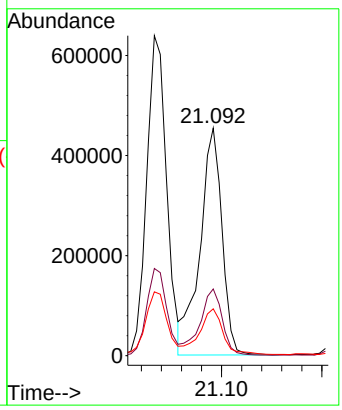


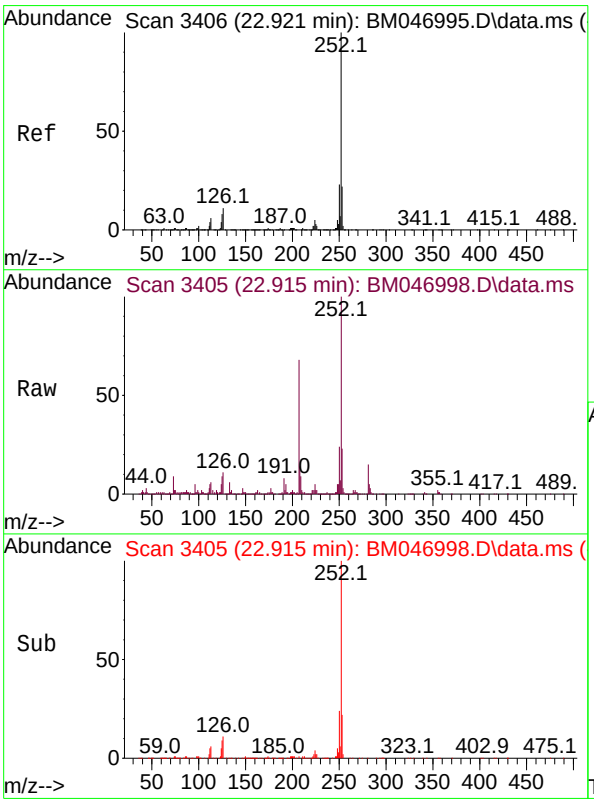
#87
Chrysene
Concen: 8.773 ng/ul
RT: 21.092 min Scan# 3(
Delta R.T. -0.006 min
Lab File: BM046998.D
Acq: 05 Aug 2024 19:12

Instrument :
BNA_M
ClientSampleId :
F7E13

Tgt Ion:228 Resp: 694481

Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.0	36.0
229	20.6	15.5	23.3

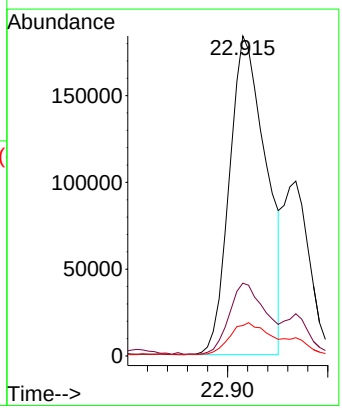


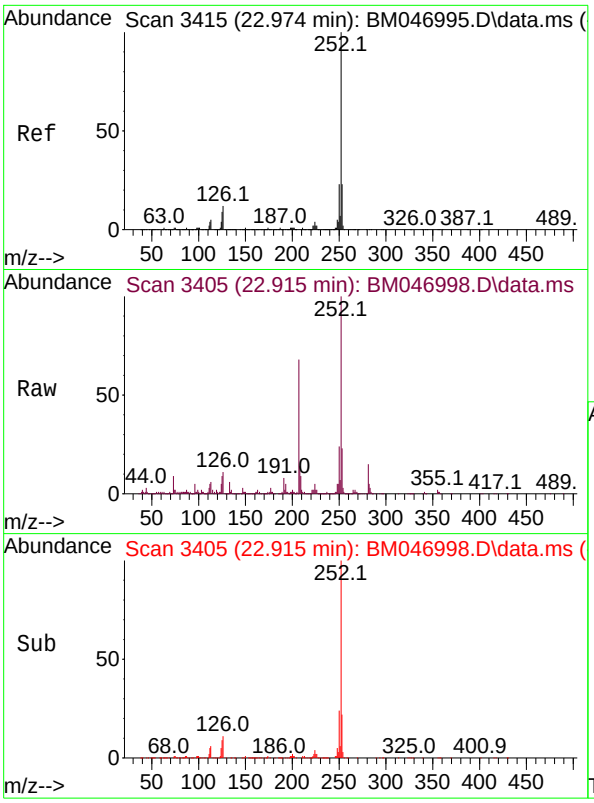


#90
Benzo(b)fluoranthene
Concen: 5.896 ng/ul
RT: 22.915 min Scan# 3405
Delta R.T. -0.006 min
Lab File: BM046998.D
Acq: 05 Aug 2024 19:12

Tgt Ion:252 Resp: 467101

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.2
125	9.5	7.0	10.6



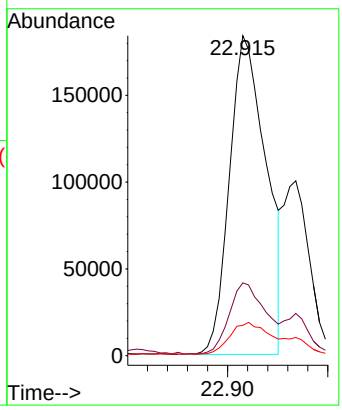


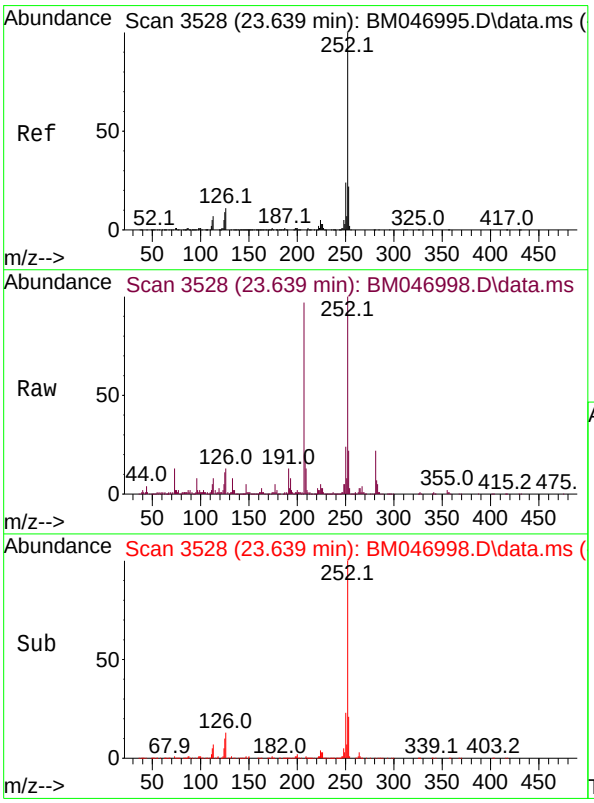
#91
Benzo(k)fluoranthene
Concen: 5.967 ng/ul
RT: 22.915 min Scan# 3
Delta R.T. -0.065 min
Lab File: BM046998.D
Acq: 05 Aug 2024 19:12

Instrument :
BNA_M
ClientSampleId :
F7E13

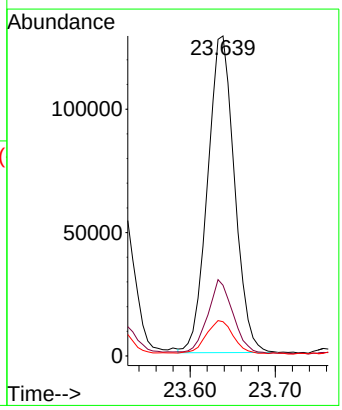
Tgt Ion:252 Resp: 467101

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.6
125	9.5	6.9	10.3





#93
Benzo(a)pyrene
Concen: 3.819 ng/ul
RT: 23.639 min Scan# 3528
Delta R.T. -0.006 min
Lab File: BM046998.D
Acq: 05 Aug 2024 19:12

Tgt Ion:252 Resp: 281869

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	10.7	8.1	12.1