Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121721\
Data File : BM033501.D
Acq On : 17 Dec 2021 11:56
Operator : CG/JU
Sample : M5089-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 17 12:34:46 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 16 17:10:15 2021
Response via : Initial Calibration

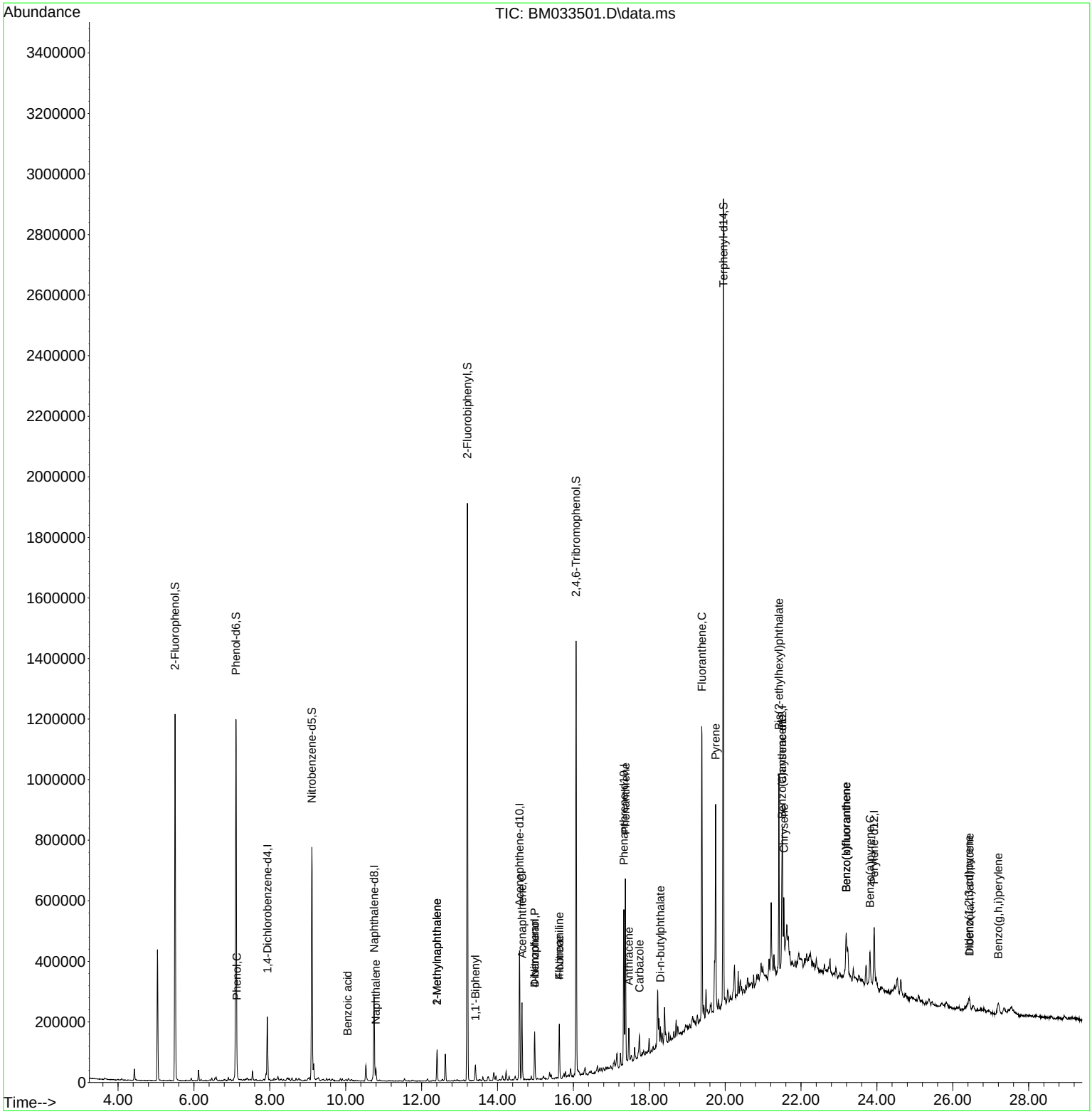
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.937	152	49427	20.000	ng		0.00
21) Naphthalene-d8	10.748	136	204690	20.000	ng		0.00
39) Acenaphthene-d10	14.583	164	137990	20.000	ng		0.00
64) Phenanthrene-d10	17.330	188	278753	20.000	ng		0.00
76) Chrysene-d12	21.506	240	176113	20.000	ng		0.00
86) Perylene-d12	23.924	264	144555	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.502	112	397469	138.760	ng		0.00
7) Phenol-d6	7.107	99	540663	140.649	ng		0.00
23) Nitrobenzene-d5	9.107	82	411685	86.359	ng		0.00
42) 2,4,6-Tribromophenol	16.071	330	194721	125.445	ng		0.00
45) 2-Fluorobiphenyl	13.207	172	837313	83.938	ng		0.00
79) Terphenyl-d14	19.954	244	1102379	98.545	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.361	88	142	Below Cal		#	1
9) Benzaldehyde	7.113	77	2646	Below Cal		#	7
10) Phenol	7.131	94	8566	2.206	ng	#	48
31) Naphthalene	10.795	128	26606	2.399	ng		99
32) Benzoic acid	10.048	122	117	3.022	ng		93
37) 2-Methylnaphthalene	12.407	142	42841	5.585	ng	#	94
38) 1-Methylnaphthalene	12.407	142	42841	5.599	ng		99
46) 1,1'-Biphenyl	13.419	154	23195	2.270	ng		95
52) Acenaphthene	14.648	154	85660	11.271	ng		98
55) Dibenzofuran	14.977	168	85765	6.659	ng		92
56) 4-Nitrophenol	14.977	139	37975	28.407	ng	#	1
58) Fluorene	15.630	166	69733	6.746	ng		96
62) 4-Nitroaniline	15.630	138	1212	3.163	ng	#	7
71) Phenanthrene	17.371	178	340228	21.930	ng		98
72) Anthracene	17.466	178	67341	4.440	ng		99
73) Carbazole	17.742	167	38608	2.883	ng		100
74) Di-n-butylphthalate	18.295	149	39636	2.129	ng	#	96
75) Fluoranthene	19.389	202	528916	29.636	ng		98
78) Pyrene	19.748	202	406032	29.220	ng		98
81) Benzo(a)anthracene	21.495	228	132447	11.221	ng		98
83) Chrysene	21.548	228	118065	10.388	ng		96
84) Bis(2-ethylhexyl)phtha...	21.418	149	193680	21.248	ng		99
87) Indeno(1,2,3-cd)pyrene	26.424	276	42800	6.422	ng	#	93
88) Benzo(b)fluoranthene	23.195	252	155544	16.780	ng		97
89) Benzo(k)fluoranthene	23.195	252	155544	16.590	ng		99
90) Benzo(a)pyrene	23.818	252	71151	10.257	ng		97
91) Dibenzo(a,h)anthracene	26.441	278	14610	2.923	ng	#	82
92) Benzo(g,h,i)perylene	27.200	276	46279	7.199	ng		97

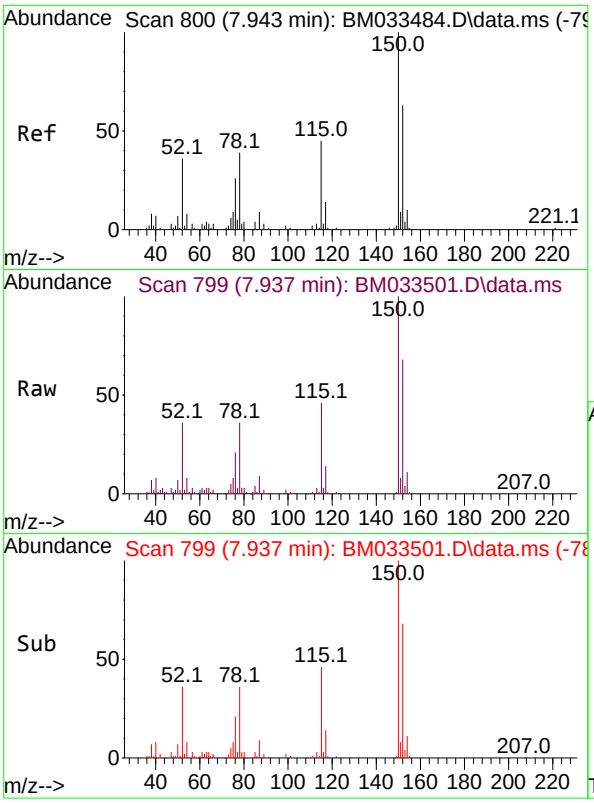
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121721\
Data File : BM033501.D
Acq On : 17 Dec 2021 11:56
Operator : CG/JU
Sample : M5089-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 17 12:34:46 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 16 17:10:15 2021
Response via : Initial Calibration



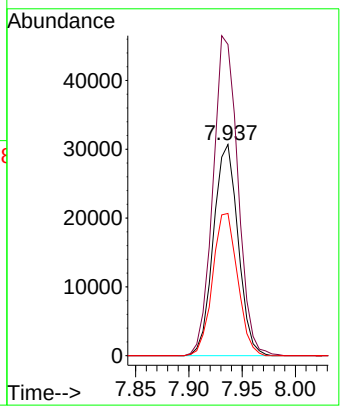


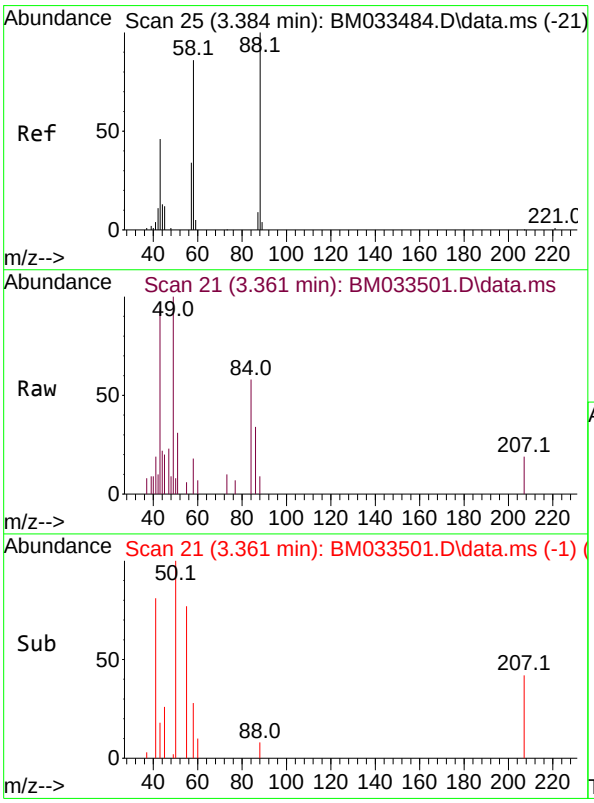
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.937 min Scan# 7
Delta R.T. -0.006 min
Lab File: BM033501.D
Acq: 17 Dec 2021 11:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 49427

Ion	Ratio	Lower	Upper
152	100		
150	147.3	128.9	193.3
115	67.4	53.0	79.6

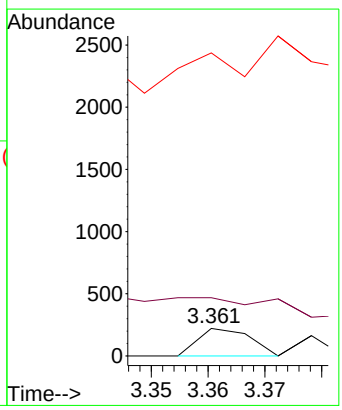


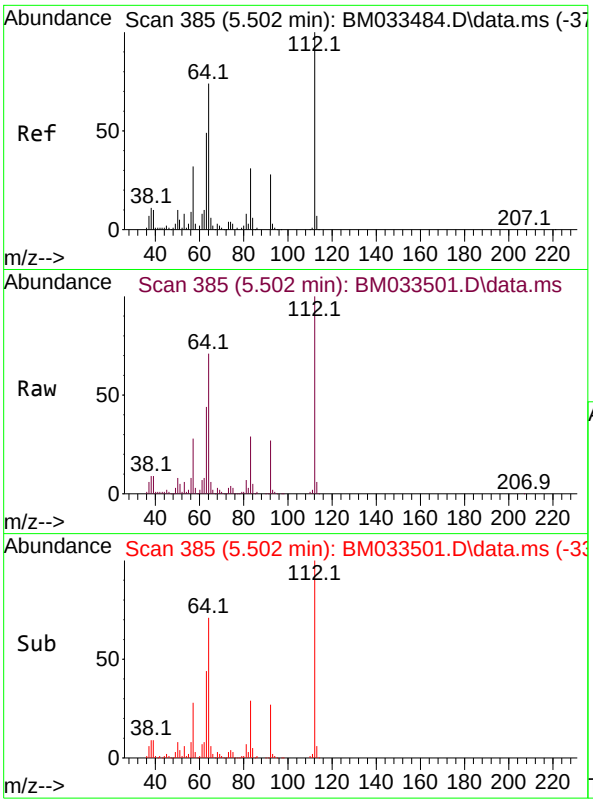


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.361 min Scan# 21
Delta R.T. -0.023 min
Lab File: BM033501.D
Acq: 17 Dec 2021 11:56

Tgt Ion: 88 Resp: 142

Ion	Ratio	Lower	Upper
88	100		
58	0.0	67.0	100.4#
43	635.2	31.6	47.4#



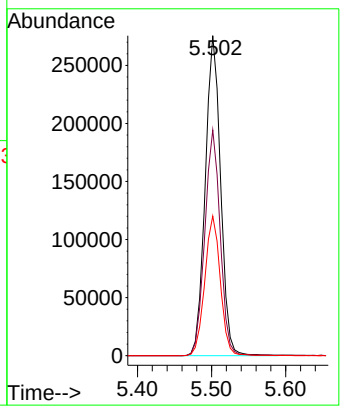


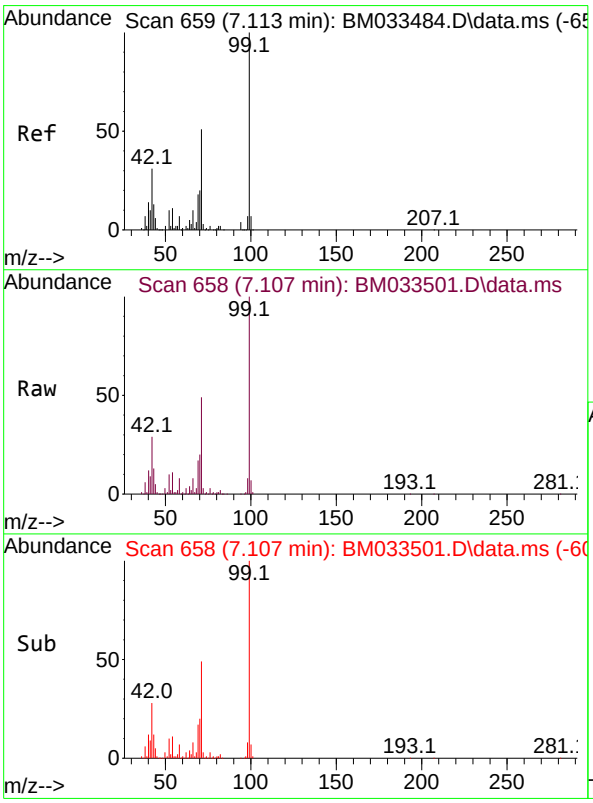
#5
2-Fluorophenol
Concen: 138.760 ng
RT: 5.502 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM033501.D
Acq: 17 Dec 2021 11:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:112 Resp: 397469

Ion	Ratio	Lower	Upper
112	100		
64	70.5	55.5	83.3
63	43.7	31.3	46.9

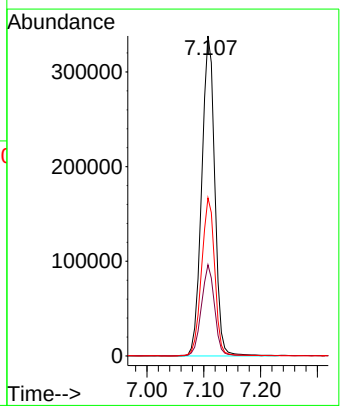


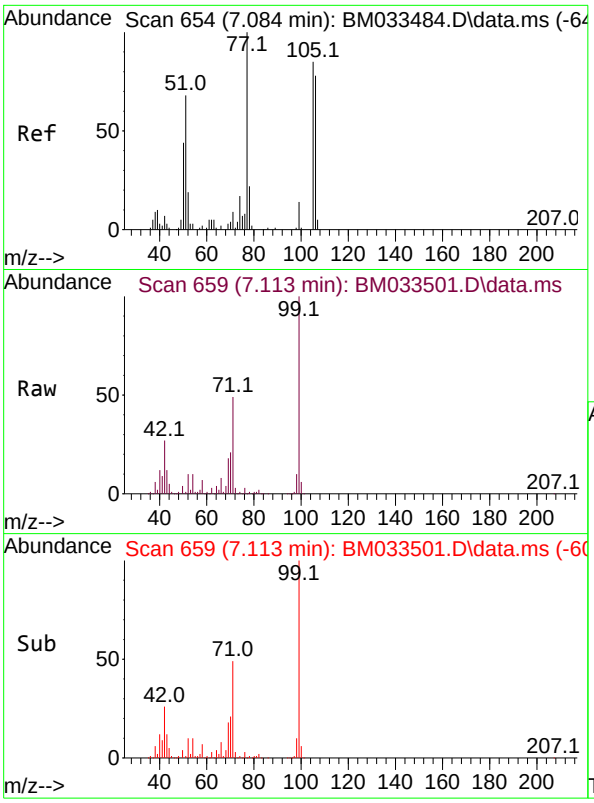


#7
Phenol-d6
Concen: 140.649 ng
RT: 7.107 min Scan# 658
Delta R.T. -0.006 min
Lab File: BM033501.D
Acq: 17 Dec 2021 11:56

Tgt Ion: 99 Resp: 540663

Ion	Ratio	Lower	Upper
99	100		
42	28.5	20.3	30.5
71	49.4	34.5	51.7



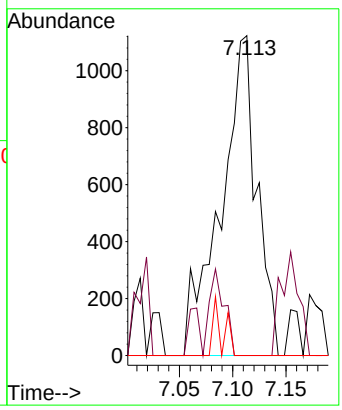


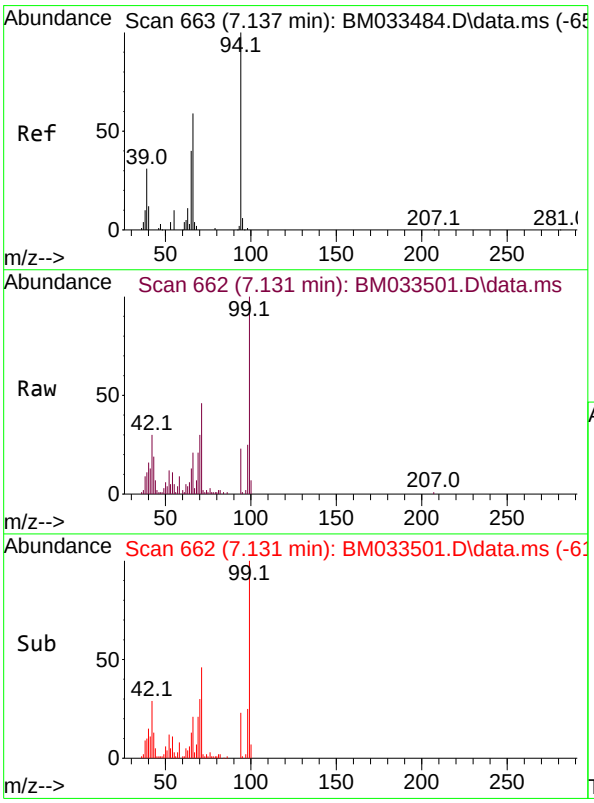
#9
Benzaldehyde
Concen: Below Cal
RT: 7.113 min Scan# 6
Delta R.T. 0.029 min
Lab File: BM033501.D
Acq: 17 Dec 2021 11:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 2646

Ion	Ratio	Lower	Upper
77	100		
105	0.0	67.1	107.1#
106	0.0	64.3	104.3#

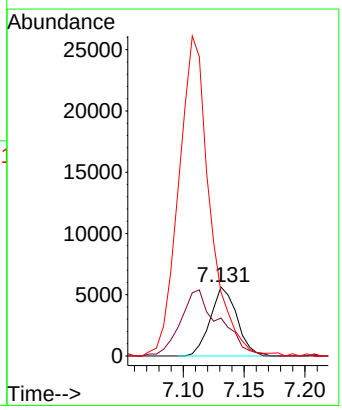


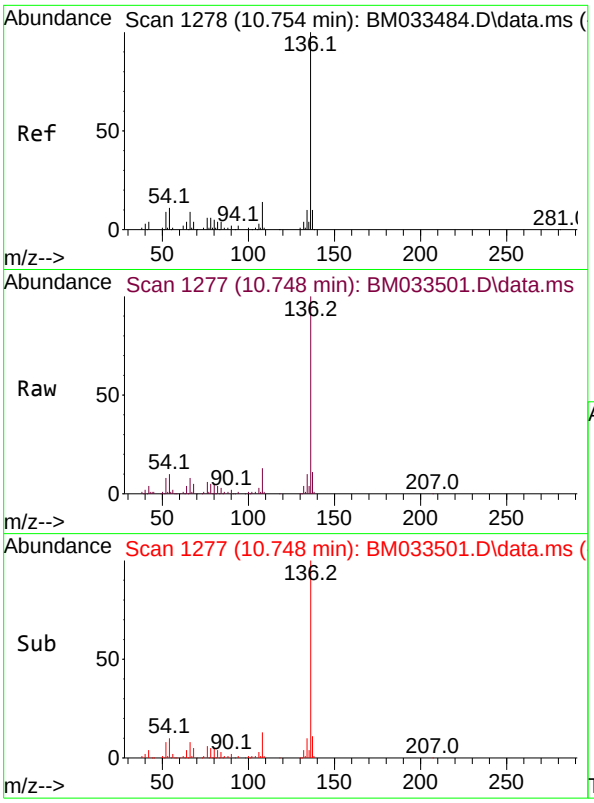


#10
Phenol
Concen: 2.206 ng
RT: 7.131 min Scan# 662
Delta R.T. -0.006 min
Lab File: BM033501.D
Acq: 17 Dec 2021 11:56

Tgt Ion: 94 Resp: 8566

Ion	Ratio	Lower	Upper
94	100		
65	55.0	15.5	55.5
66	92.8	28.5	68.5#



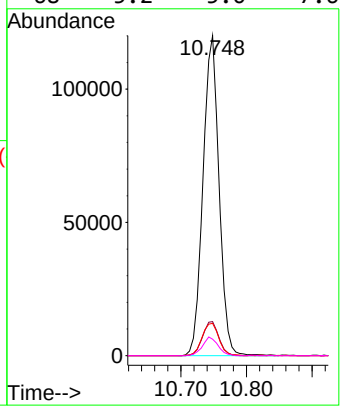


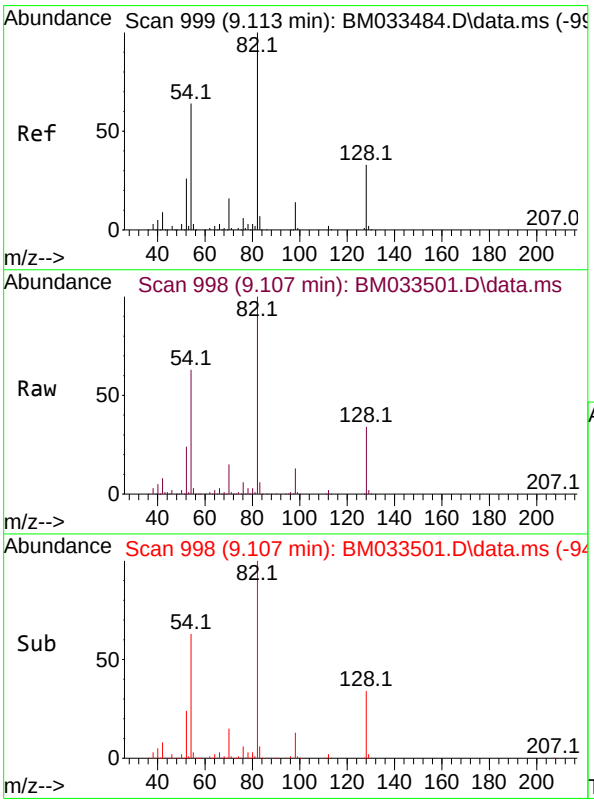
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.748 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM033501.D
Acq: 17 Dec 2021 11:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:136 Resp: 204690

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	10.1	8.3	12.5
68	5.2	5.0	7.6

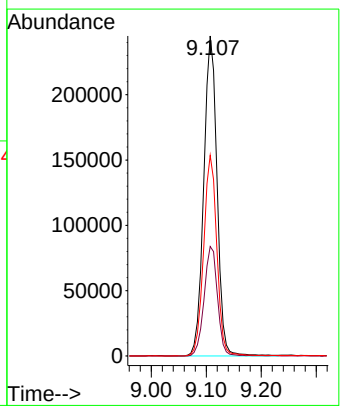


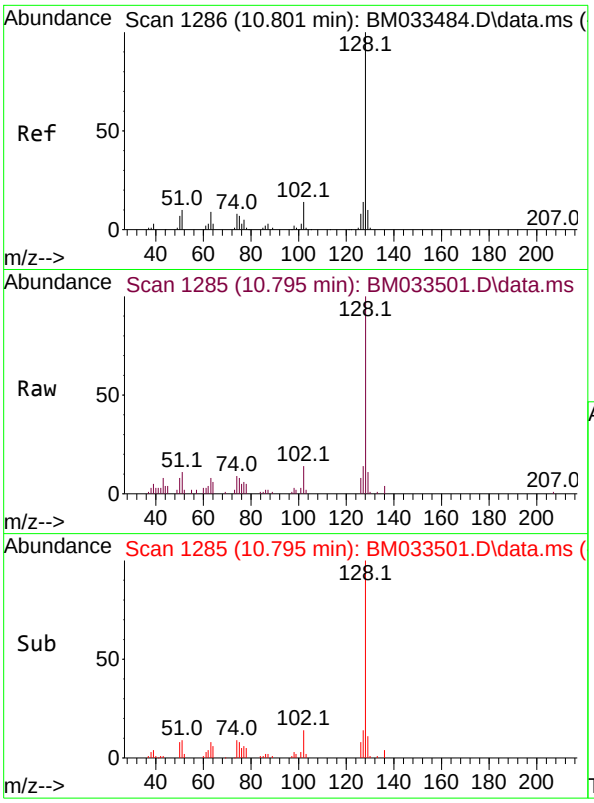


#23
Nitrobenzene-d5
Concen: 86.359 ng
RT: 9.107 min Scan# 998
Delta R.T. -0.006 min
Lab File: BM033501.D
Acq: 17 Dec 2021 11:56

Tgt Ion: 82 Resp: 411685

Ion	Ratio	Lower	Upper
82	100		
128	34.2	28.1	42.1
54	62.7	46.1	69.1



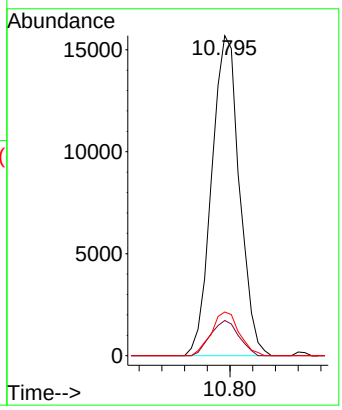


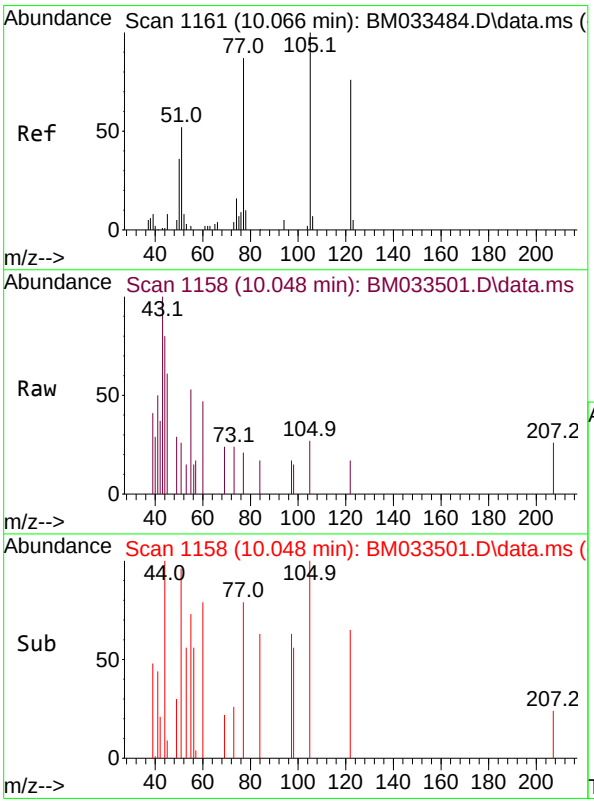
#31
Naphthalene
Concen: 2.399 ng
RT: 10.795 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM033501.D
Acq: 17 Dec 2021 11:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 26606

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.5	12.7
127	13.7	10.8	16.2

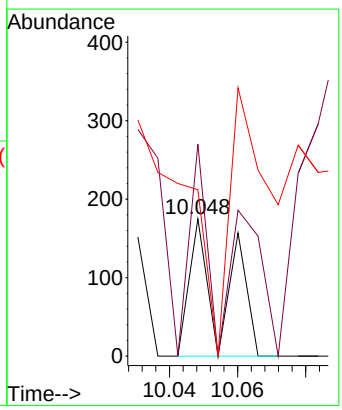


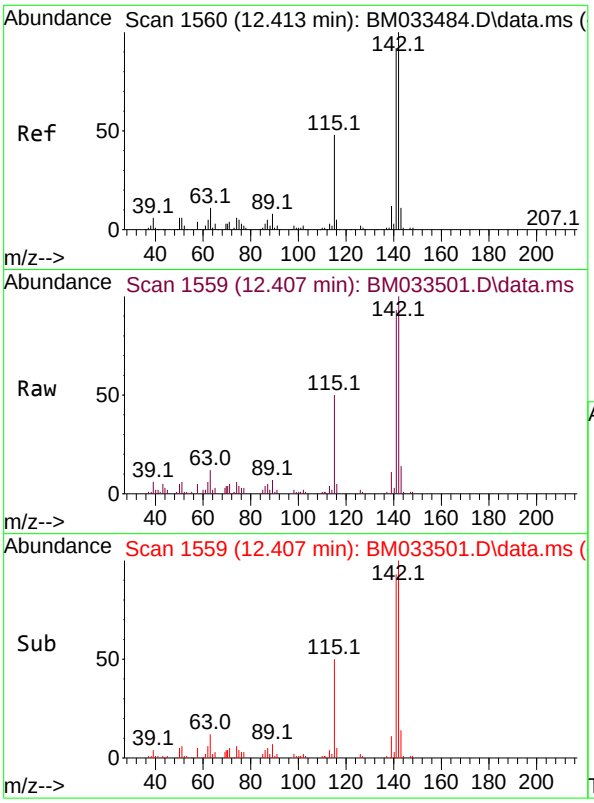


#32
Benzoic acid
Concen: 3.022 ng
RT: 10.048 min Scan# 1158
Delta R.T. -0.018 min
Lab File: BM033501.D
Acq: 17 Dec 2021 11:56

Tgt Ion:122 Resp: 117

Ion	Ratio	Lower	Upper
122	100		
105	154.3	119.6	159.6
77	121.1	101.0	141.0



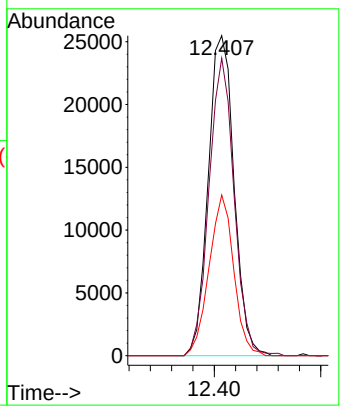


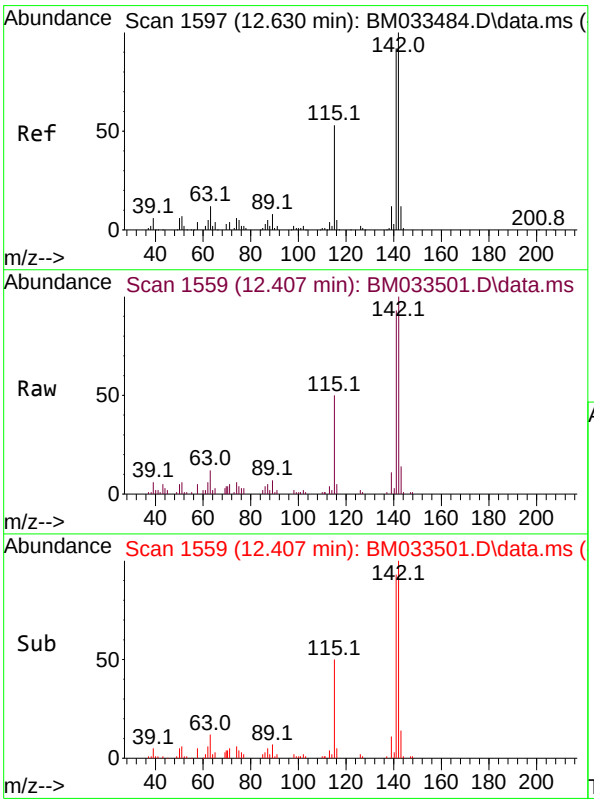
#37
2-Methylnaphthalene
Concen: 5.585 ng
RT: 12.407 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM033501.D
Acq: 17 Dec 2021 11:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 42841

Ion	Ratio	Lower	Upper
142	100		
141	93.0	72.2	108.2
115	50.2	33.0	49.6#

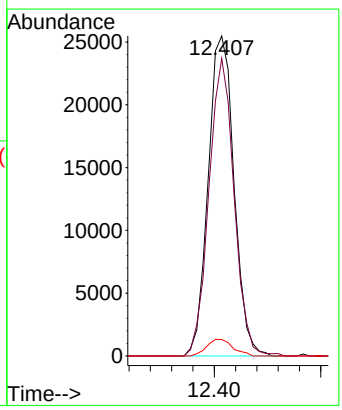


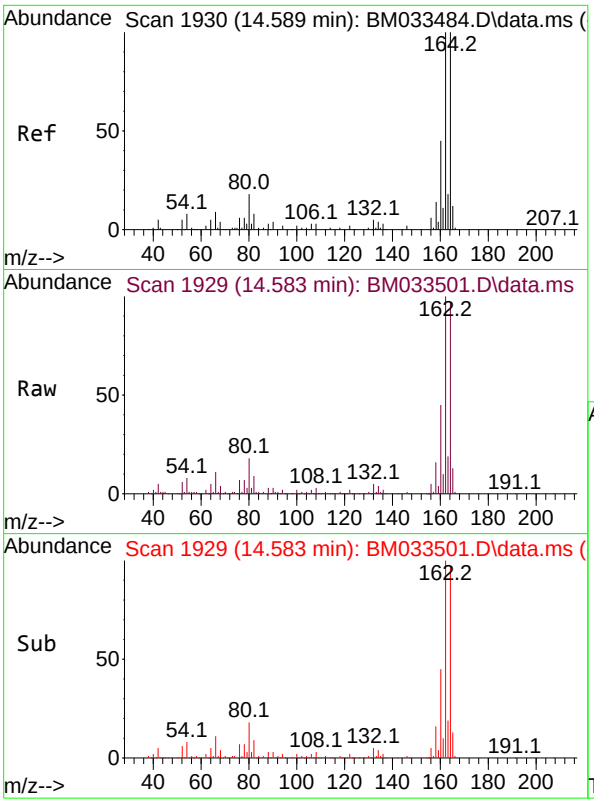


#38
1-Methylnaphthalene
Concen: 5.599 ng
RT: 12.407 min Scan# 1559
Delta R.T. -0.223 min
Lab File: BM033501.D
Acq: 17 Dec 2021 11:56

Tgt Ion:142 Resp: 42841

Ion	Ratio	Lower	Upper
142	100		
141	93.0	75.0	112.4
116	5.2	3.5	5.3



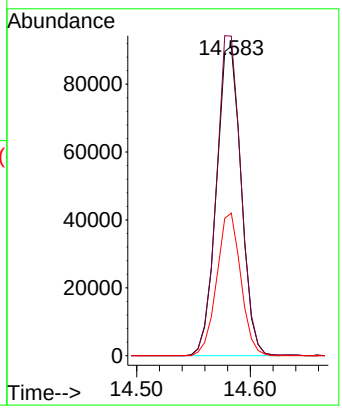


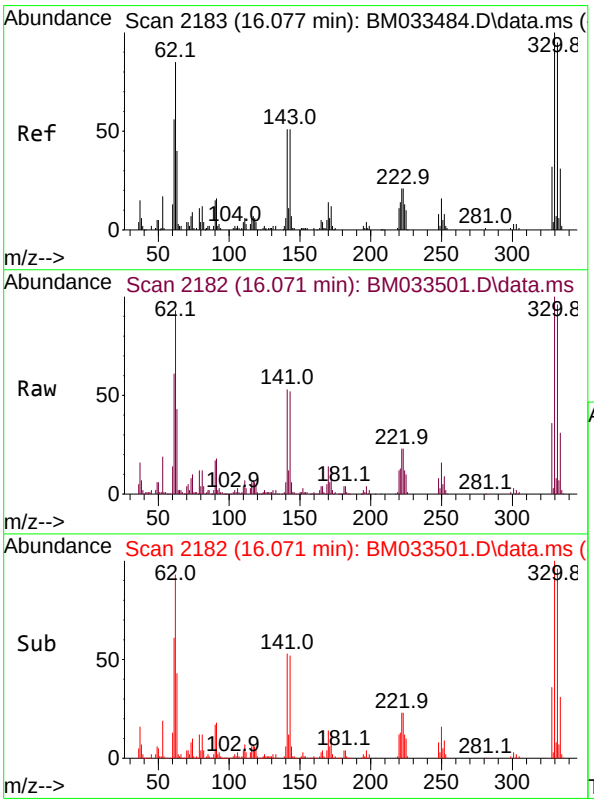
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.583 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM033501.D
Acq: 17 Dec 2021 11:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:164 Resp: 137990

Ion	Ratio	Lower	Upper
164	100		
162	103.3	79.7	119.5
160	46.1	34.2	51.4

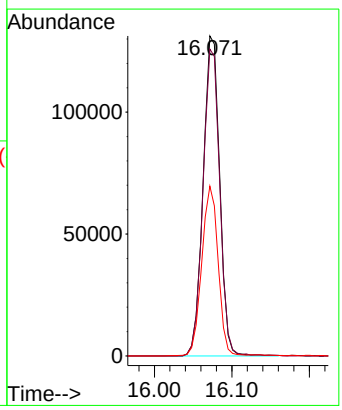


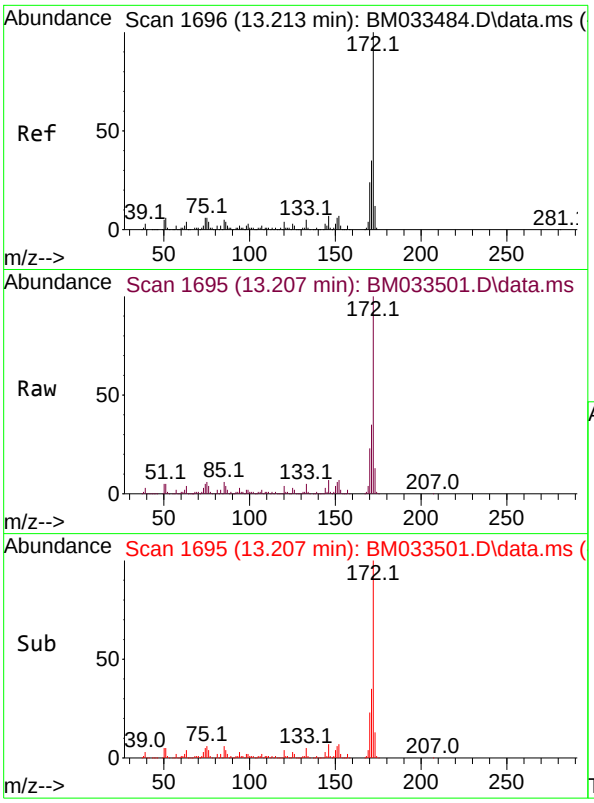


#42
2,4,6-Tribromophenol
Concen: 125.445 ng
RT: 16.071 min Scan# 2182
Delta R.T. -0.006 min
Lab File: BM033501.D
Acq: 17 Dec 2021 11:56

Tgt Ion:330 Resp: 194721

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.5	114.7
141	52.5	35.9	53.9



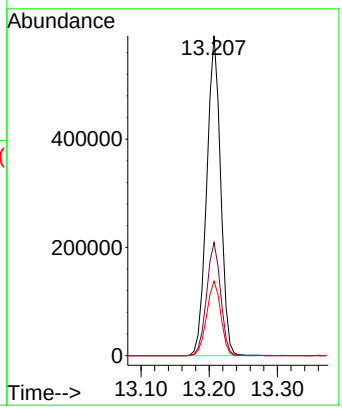


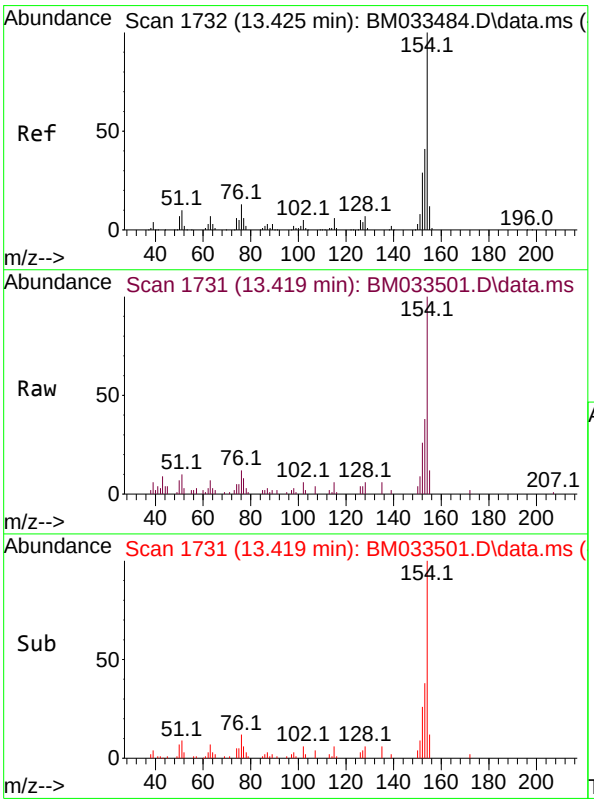
#45
2-Fluorobiphenyl
Concen: 83.938 ng
RT: 13.207 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM033501.D
Acq: 17 Dec 2021 11:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:172 Resp: 837313

Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.2	40.8
170	23.3	18.7	28.1

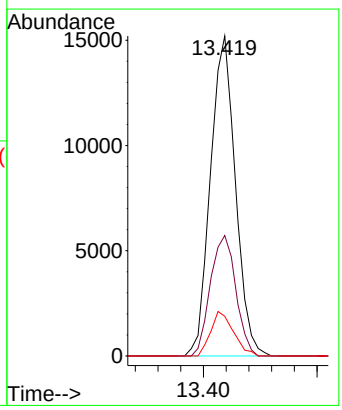


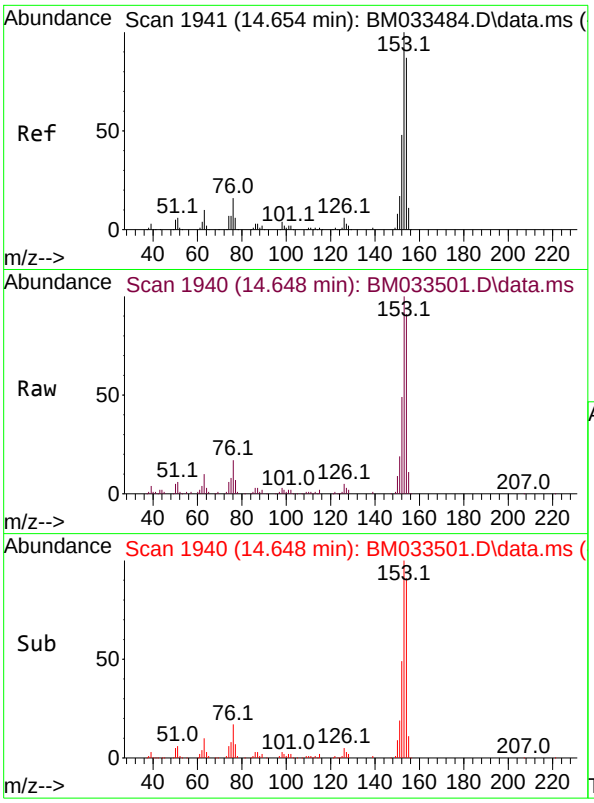


#46
1,1'-Biphenyl
Concen: 2.270 ng
RT: 13.419 min Scan# 1731
Delta R.T. -0.006 min
Lab File: BM033501.D
Acq: 17 Dec 2021 11:56

Tgt Ion:154 Resp: 23195

Ion	Ratio	Lower	Upper
154	100		
153	37.6	20.7	60.7
76	12.4	0.0	34.4



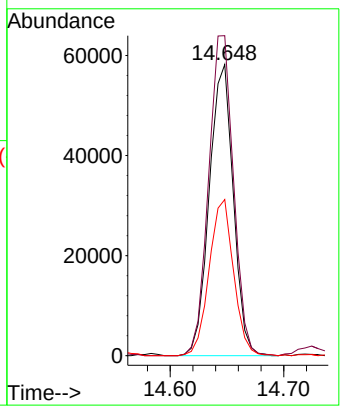


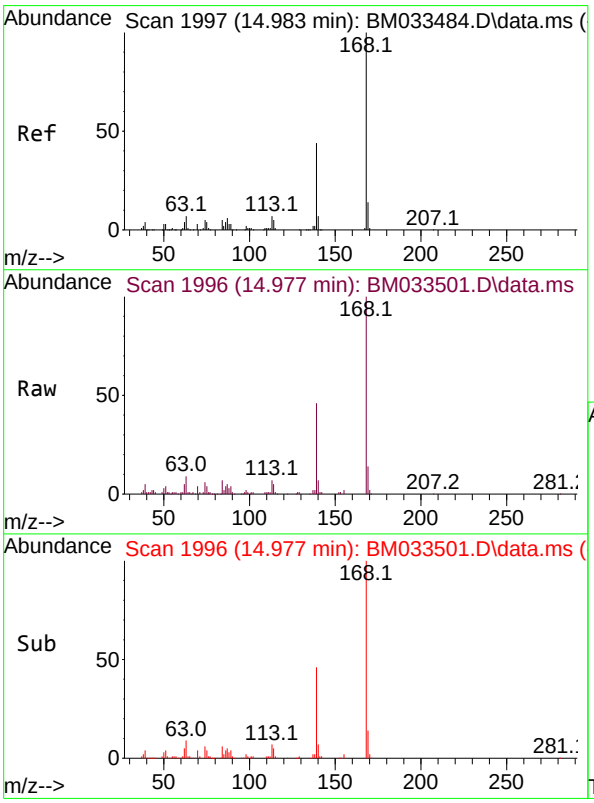
#52
Acenaphthene
Concen: 11.271 ng
RT: 14.648 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM033501.D
Acq: 17 Dec 2021 11:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 85660

Ion	Ratio	Lower	Upper
154	100		
153	109.9	90.2	135.4
152	53.6	43.5	65.3

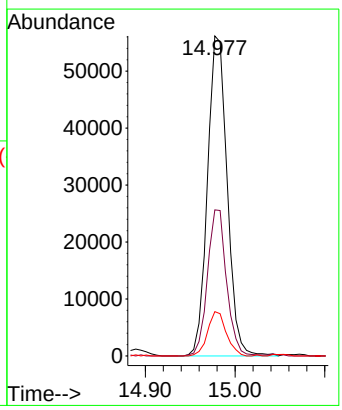


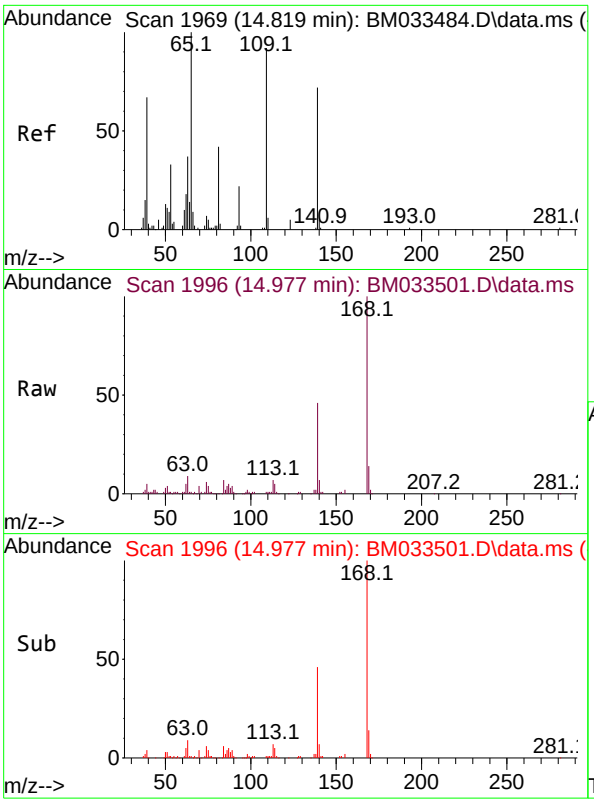


#55
Dibenzofuran
Concen: 6.659 ng
RT: 14.977 min Scan# 1996
Delta R.T. -0.006 min
Lab File: BM033501.D
Acq: 17 Dec 2021 11:56

Tgt Ion:168 Resp: 85765

Ion	Ratio	Lower	Upper
168	100		
139	45.6	31.4	47.2
169	13.9	10.6	15.8



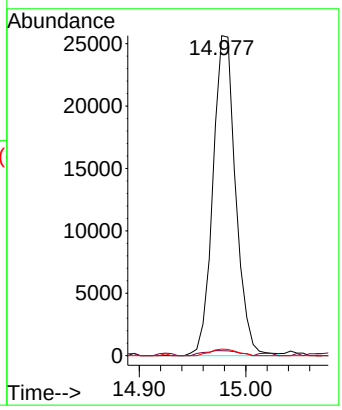


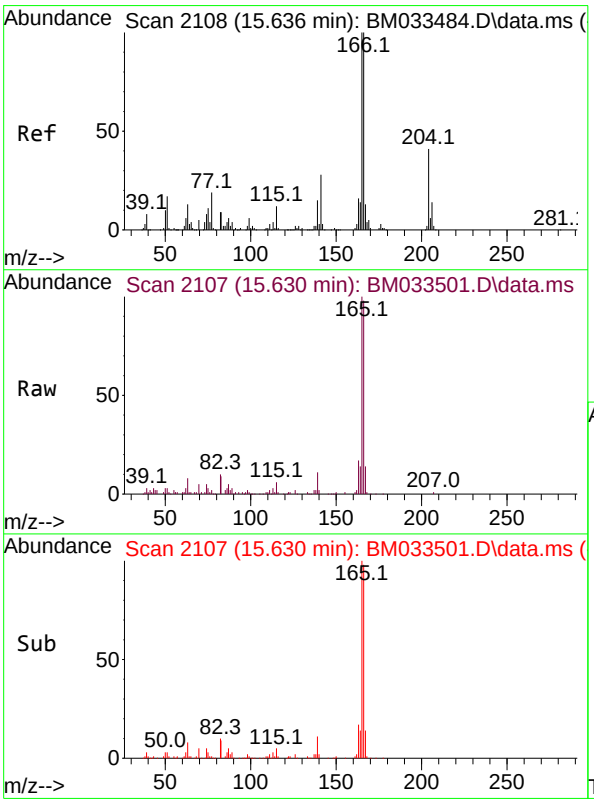
#56
4-Nitrophenol
Concen: 28.407 ng
RT: 14.977 min Scan# 1
Delta R.T. 0.158 min
Lab File: BM033501.D
Acq: 17 Dec 2021 11:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:139 Resp: 37975

Ion	Ratio	Lower	Upper
139	100		
109	1.5	75.3	115.3#
65	2.1	107.4	147.4#

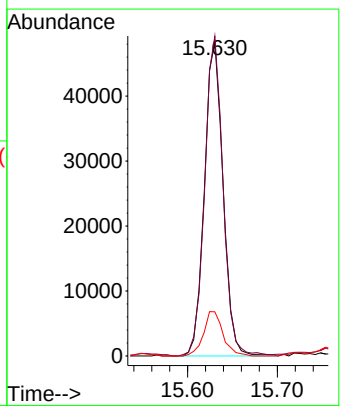


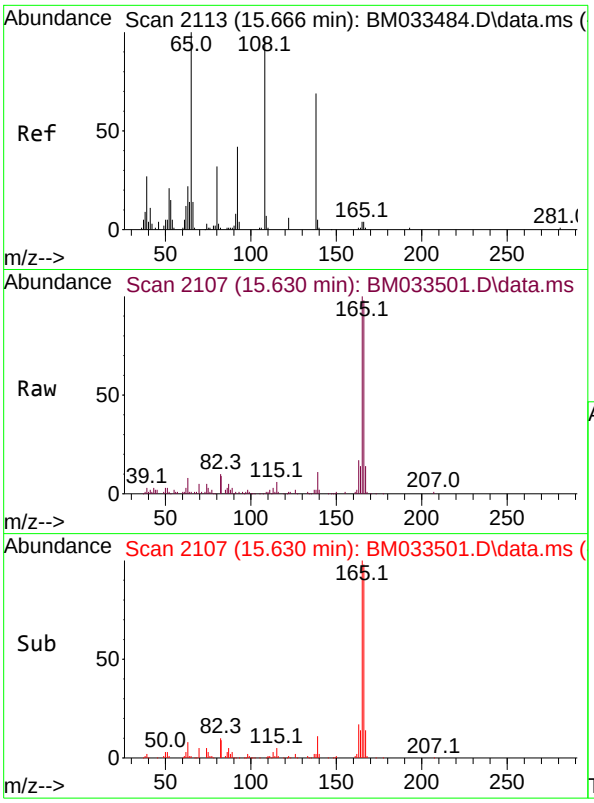


#58
Fluorene
Concen: 6.746 ng
RT: 15.630 min Scan# 2107
Delta R.T. -0.006 min
Lab File: BM033501.D
Acq: 17 Dec 2021 11:56

Tgt Ion:166 Resp: 69733

Ion	Ratio	Lower	Upper
166	100		
165	101.8	78.1	117.1
167	14.1	10.6	15.8



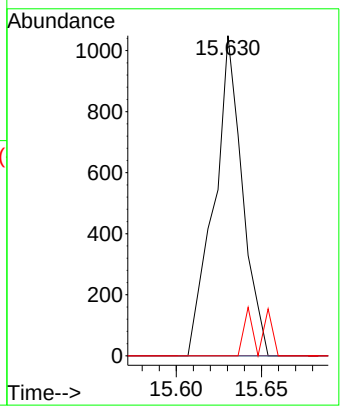


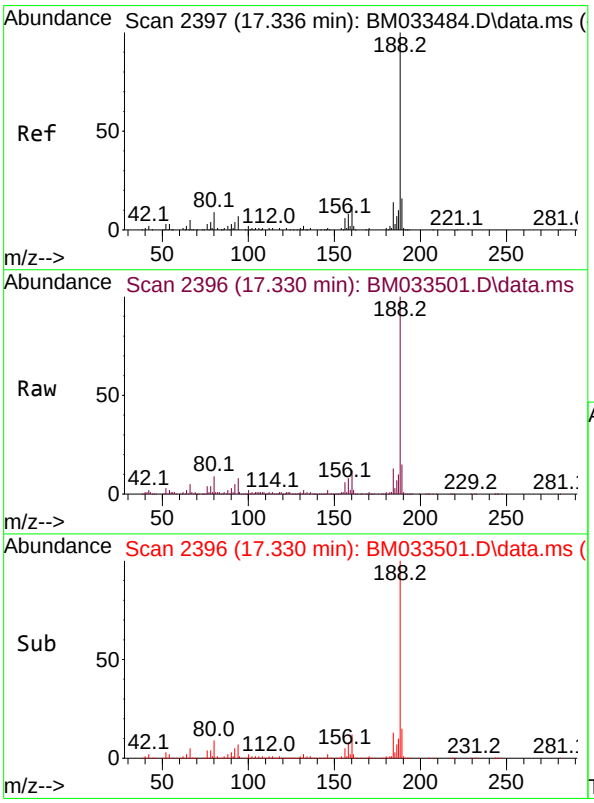
#62
4-Nitroaniline
Concen: 3.163 ng
RT: 15.630 min Scan# 21
Delta R.T. -0.036 min
Lab File: BM033501.D
Acq: 17 Dec 2021 11:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:138 Resp: 1212

Ion	Ratio	Lower	Upper
138	100		
92	0.0	38.7	78.7#
108	0.0	81.9	121.9#

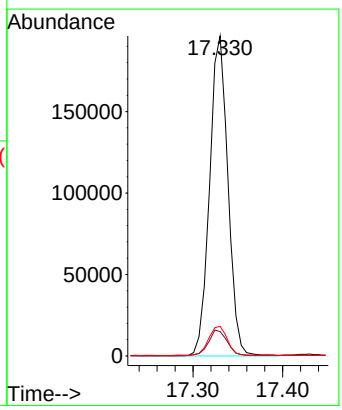


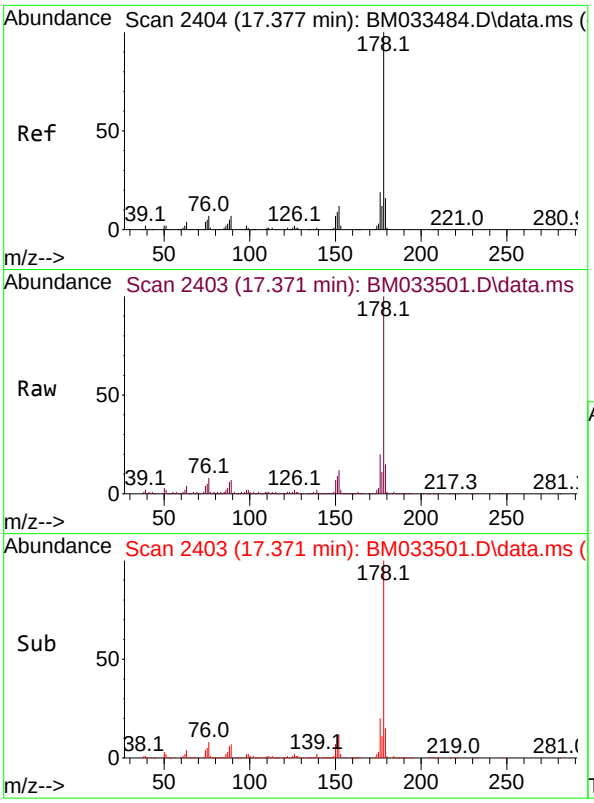


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.330 min Scan# 2396
Delta R.T. -0.006 min
Lab File: BM033501.D
Acq: 17 Dec 2021 11:56

Tgt Ion:188 Resp: 278753

Ion	Ratio	Lower	Upper
188	100		
94	7.6	7.5	11.3
80	9.2	8.9	13.3



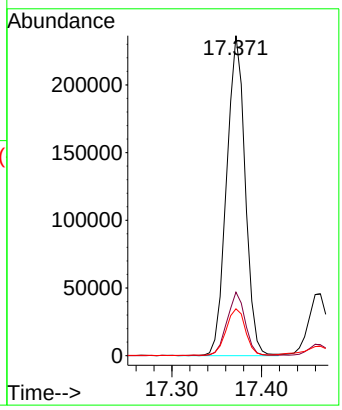


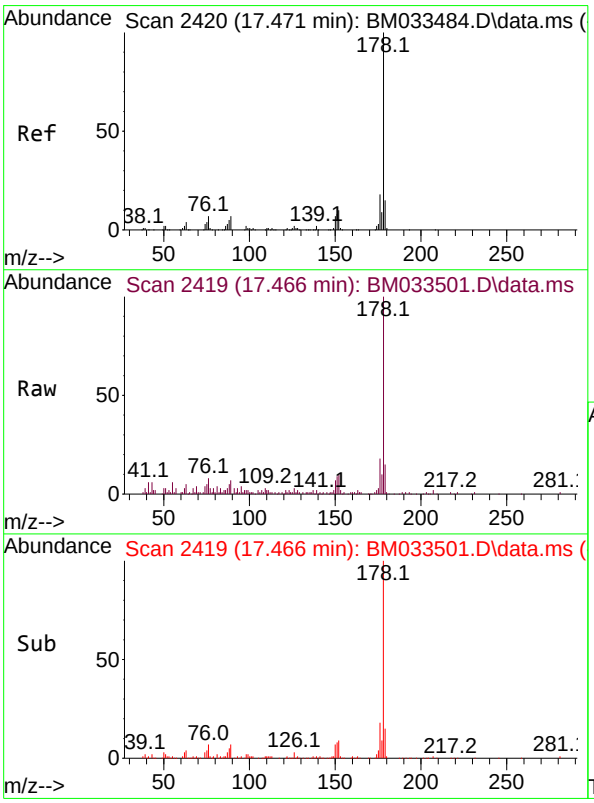
#71
Phenanthrene
Concen: 21.930 ng
RT: 17.371 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM033501.D
Acq: 17 Dec 2021 11:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 340228

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.1	22.7
179	14.7	12.0	18.0

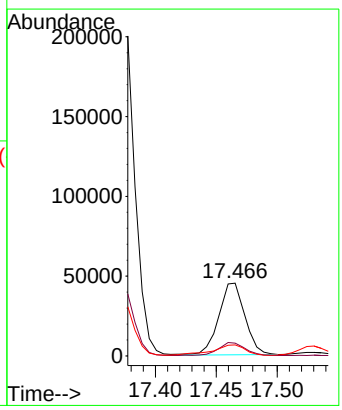


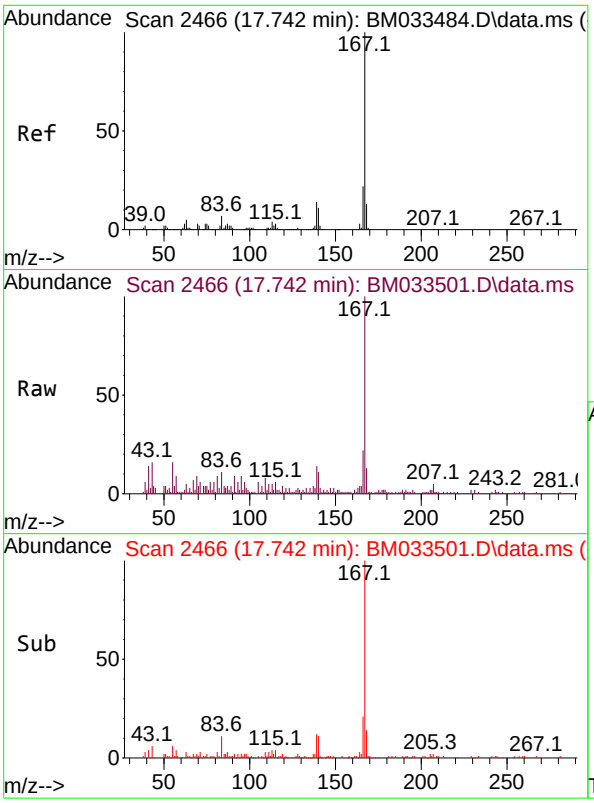


#72
Anthracene
Concen: 4.440 ng
RT: 17.466 min Scan# 2419
Delta R.T. -0.005 min
Lab File: BM033501.D
Acq: 17 Dec 2021 11:56

Tgt Ion:178 Resp: 67341

Ion	Ratio	Lower	Upper
178	100		
176	17.6	14.5	21.7
179	15.3	11.9	17.9



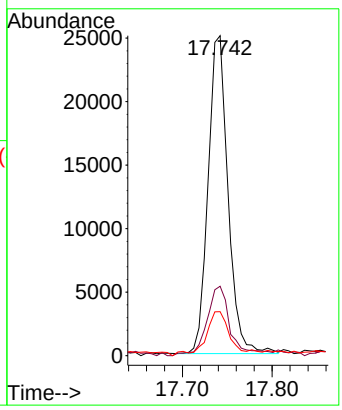


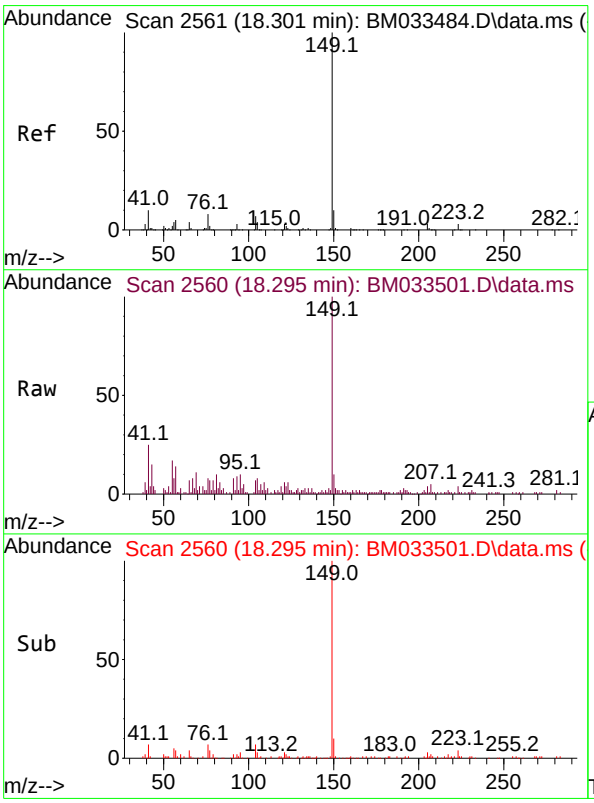
#73
Carbazole
Concen: 2.883 ng
RT: 17.742 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM033501.D
Acq: 17 Dec 2021 11:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:167 Resp: 38608

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.2	25.8
139	13.7	11.0	16.4

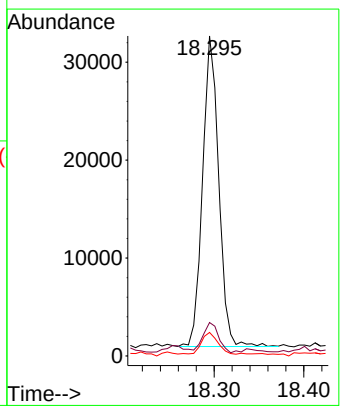


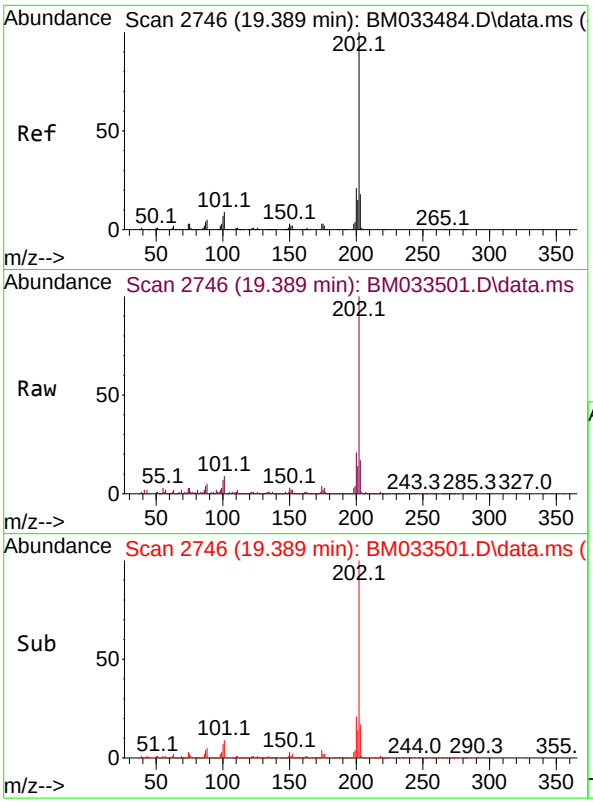


#74
Di-n-butylphthalate
Concen: 2.129 ng
RT: 18.295 min Scan# 2560
Delta R.T. -0.006 min
Lab File: BM033501.D
Acq: 17 Dec 2021 11:56

Tgt Ion:149 Resp: 39636

Ion	Ratio	Lower	Upper
149	100		
150	10.5	7.3	10.9
104	7.4	4.6	6.8#



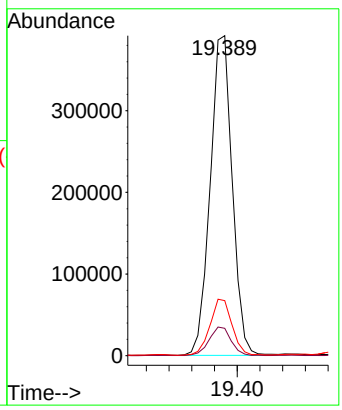


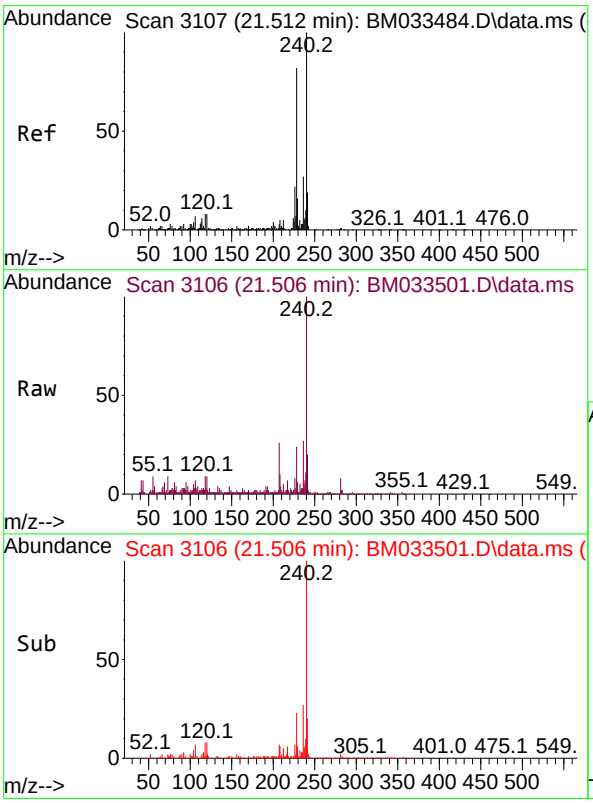
#75
Fluoranthene
Concen: 29.636 ng
RT: 19.389 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM033501.D
Acq: 17 Dec 2021 11:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 528916

Ion	Ratio	Lower	Upper
202	100		
101	8.6	0.0	30.8
203	17.2	0.0	37.2

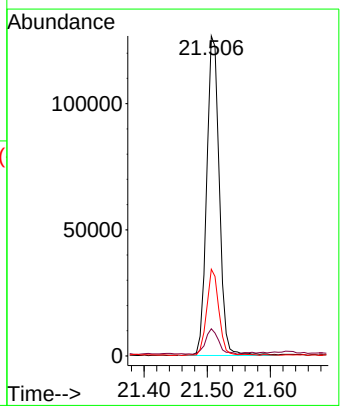


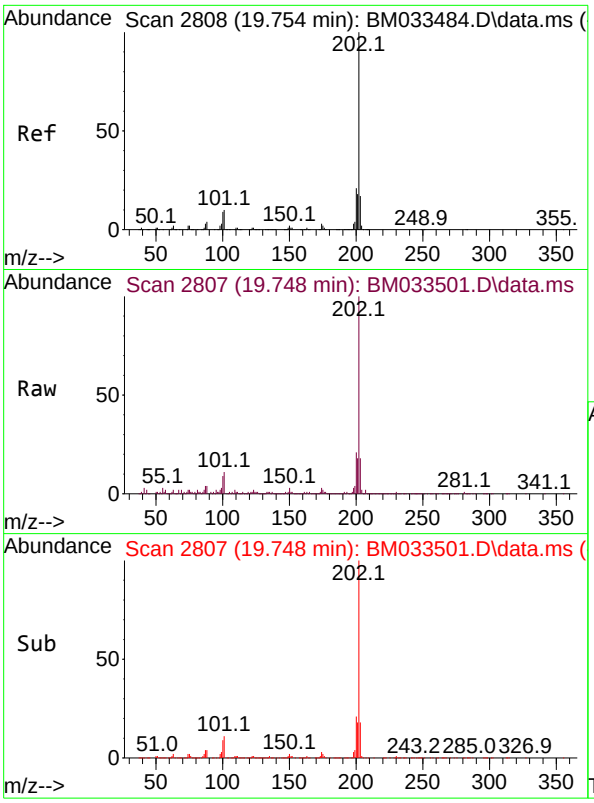


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.506 min Scan# 3106
Delta R.T. -0.006 min
Lab File: BM033501.D
Acq: 17 Dec 2021 11:56

Tgt Ion:240 Resp: 176113

Ion	Ratio	Lower	Upper
240	100		
120	8.5	7.8	11.6
236	27.1	20.3	30.5



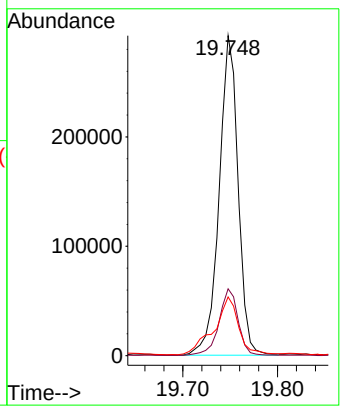


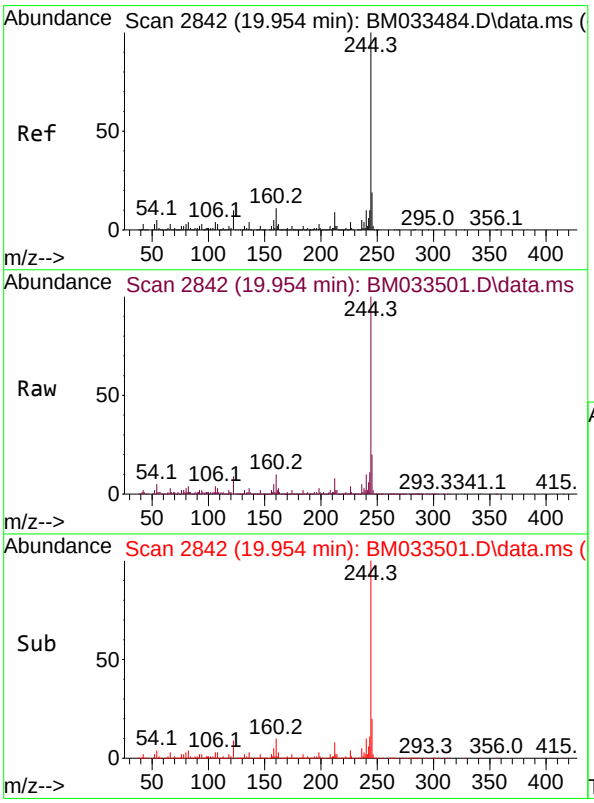
#78
Pyrene
Concen: 29.220 ng
RT: 19.748 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM033501.D
Acq: 17 Dec 2021 11:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 406032

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.4	24.6
203	18.4	13.5	20.3

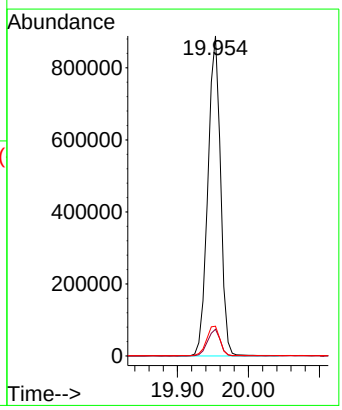


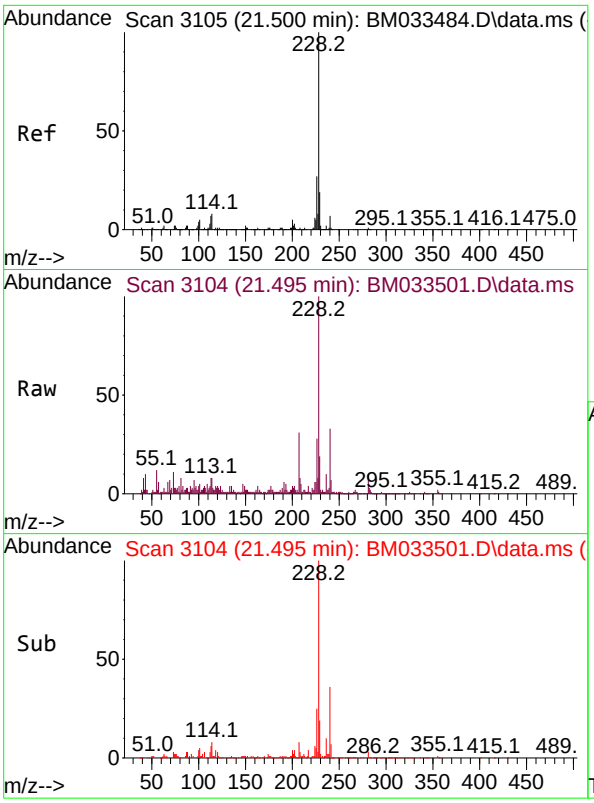


#79
Terphenyl-d14
Concen: 98.545 ng
RT: 19.954 min Scan# 2842
Delta R.T. -0.000 min
Lab File: BM033501.D
Acq: 17 Dec 2021 11:56

Tgt Ion:244 Resp: 1102379

Ion	Ratio	Lower	Upper
244	100		
212	8.4	5.9	8.9
122	9.3	8.4	12.6



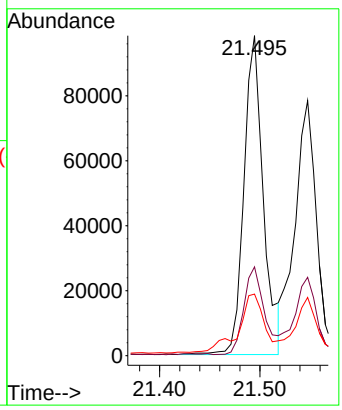


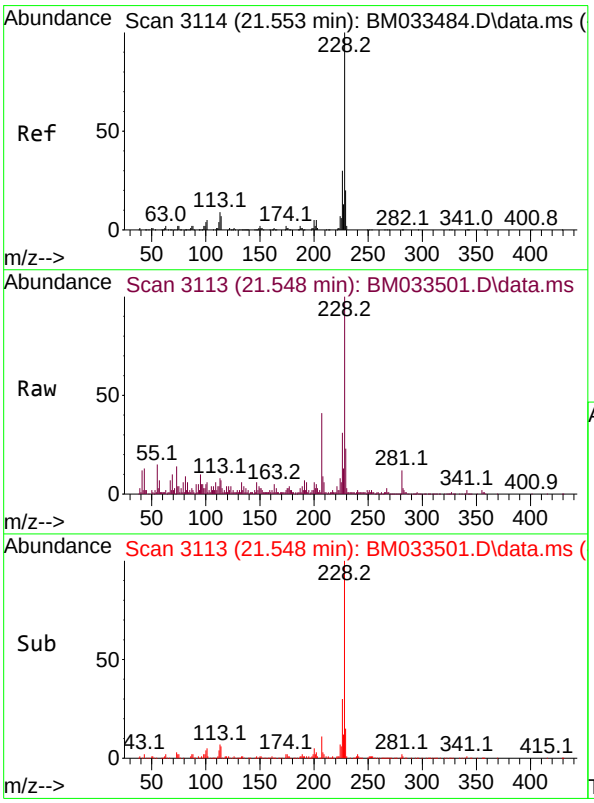
#81
Benzo(a)anthracene
Concen: 11.221 ng
RT: 21.495 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM033501.D
Acq: 17 Dec 2021 11:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 132447

Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.0	31.6
229	19.2	15.5	23.3

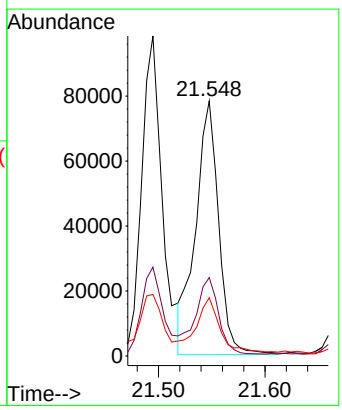


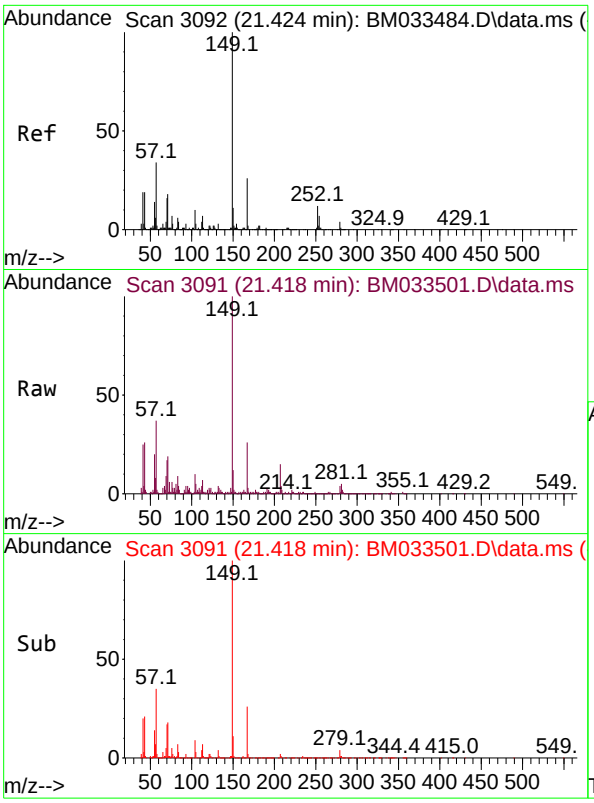


#83
Chrysene
Concen: 10.388 ng
RT: 21.548 min Scan# 3113
Delta R.T. -0.005 min
Lab File: BM033501.D
Acq: 17 Dec 2021 11:56

Tgt Ion:228 Resp: 118065

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.8	35.8
229	22.8	15.8	23.8



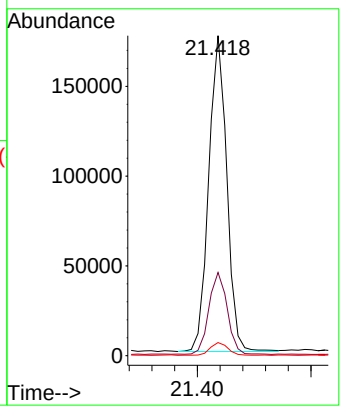


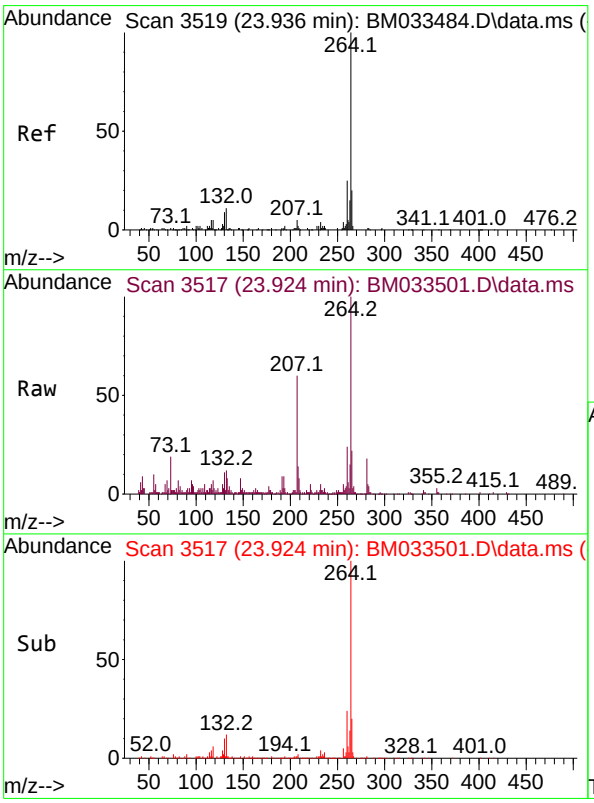
#84
Bis(2-ethylhexyl)phthalate
Concen: 21.248 ng
RT: 21.418 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM033501.D
Acq: 17 Dec 2021 11:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 193680

Ion	Ratio	Lower	Upper
149	100		
167	26.0	21.4	32.0
279	4.1	3.0	4.6

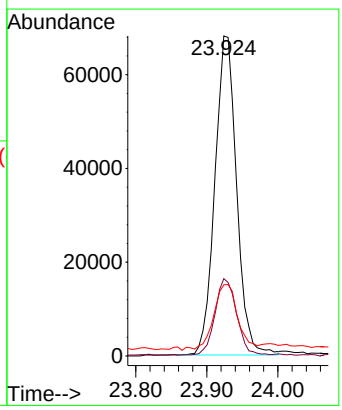


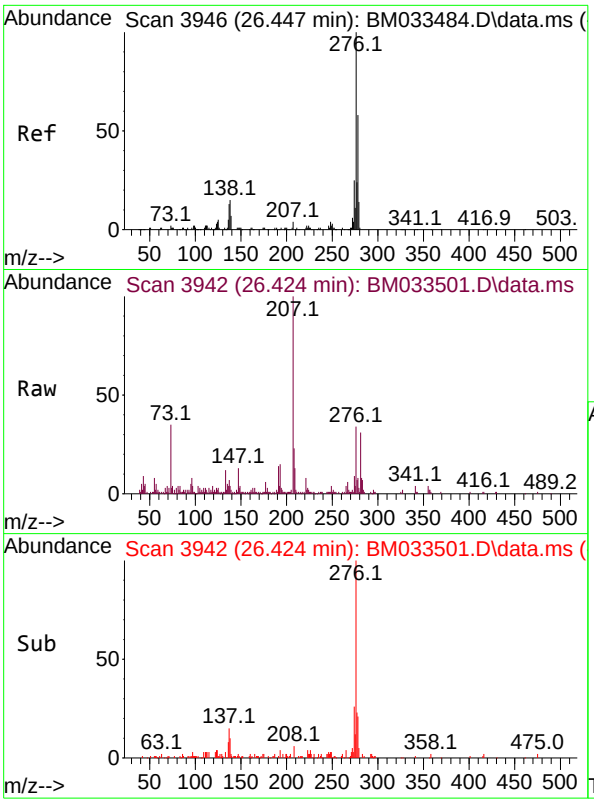


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.924 min Scan# 3517
Delta R.T. -0.012 min
Lab File: BM033501.D
Acq: 17 Dec 2021 11:56

Tgt Ion:264 Resp: 144555

Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.7	26.5
265	22.3	17.7	26.5



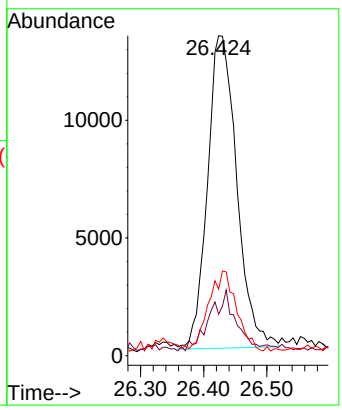


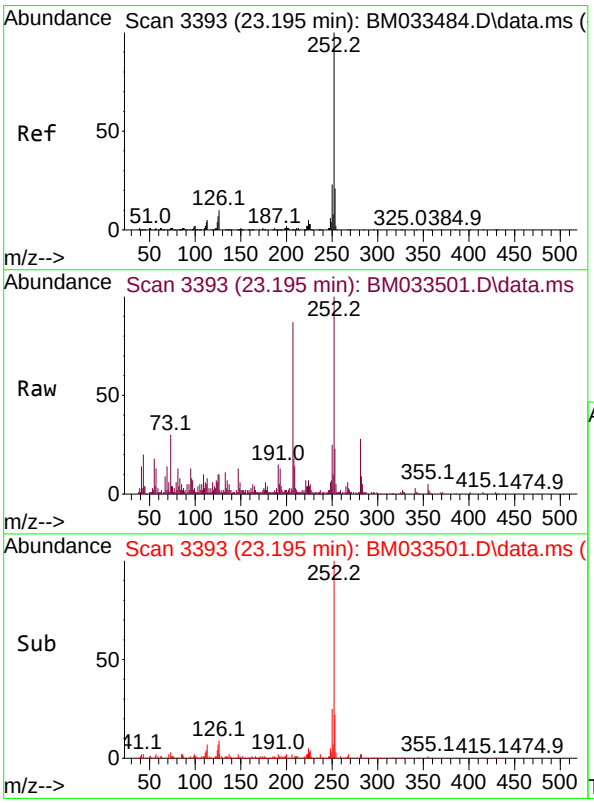
#87
Indeno(1,2,3-cd)pyrene
Concen: 6.422 ng
RT: 26.424 min Scan# 3
Delta R.T. -0.023 min
Lab File: BM033501.D
Acq: 17 Dec 2021 11:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 42800

Ion	Ratio	Lower	Upper
276	100		
138	17.1	18.7	28.1#
277	24.2	20.2	30.4

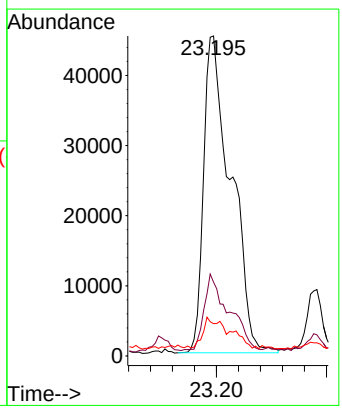


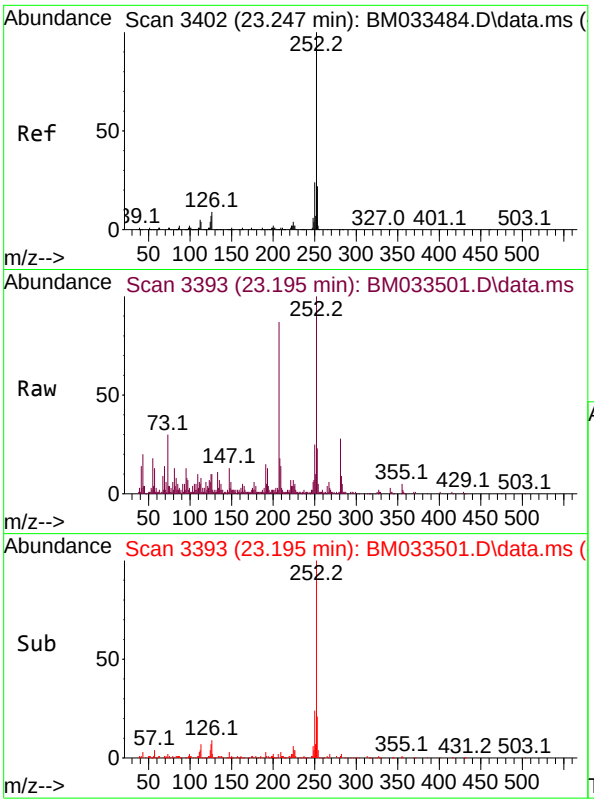


#88
Benzo(b)fluoranthene
Concen: 16.780 ng
RT: 23.195 min Scan# 3393
Delta R.T. -0.000 min
Lab File: BM033501.D
Acq: 17 Dec 2021 11:56

Tgt Ion:252 Resp: 155544

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.1	25.7
125	10.1	7.4	11.2



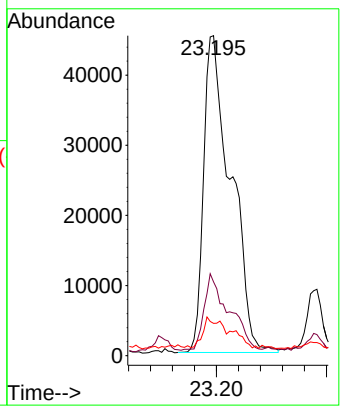


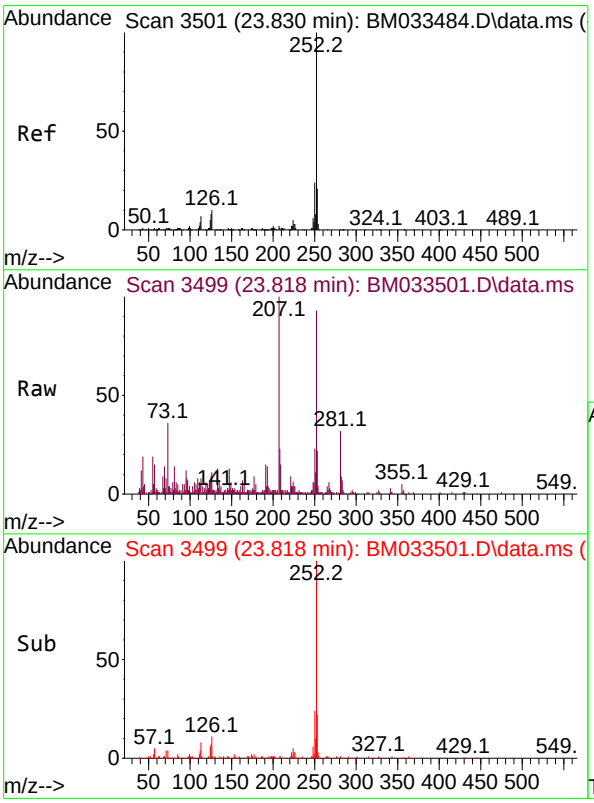
#89
Benzo(k)fluoranthene
Concen: 16.590 ng
RT: 23.195 min Scan# 3
Delta R.T. -0.052 min
Lab File: BM033501.D
Acq: 17 Dec 2021 11:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 155544

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.8
125	10.1	8.1	12.1

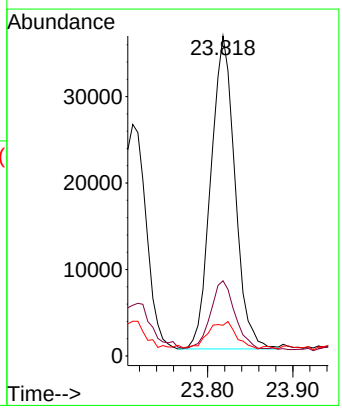


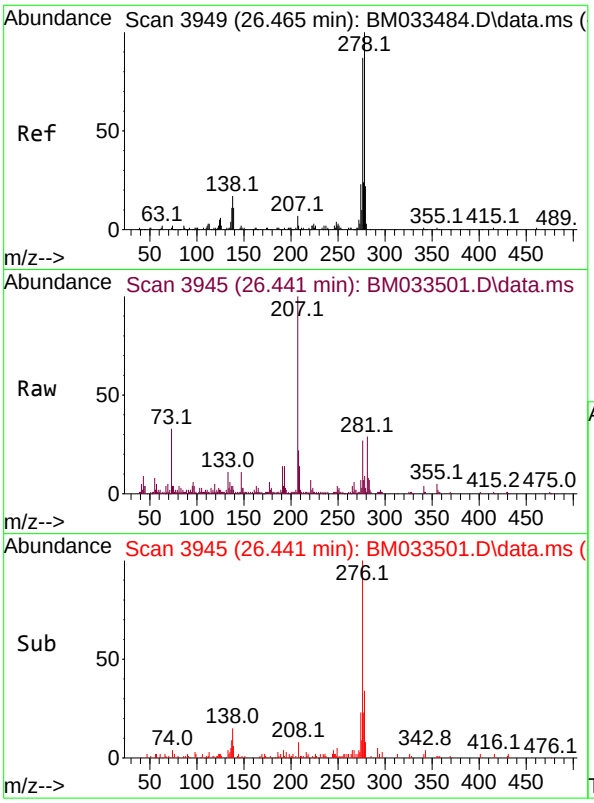


#90
Benzo(a)pyrene
Concen: 10.257 ng
RT: 23.818 min Scan# 3499
Delta R.T. -0.012 min
Lab File: BM033501.D
Acq: 17 Dec 2021 11:56

Tgt Ion:252 Resp: 71151

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.5	26.3
125	9.6	7.8	11.8



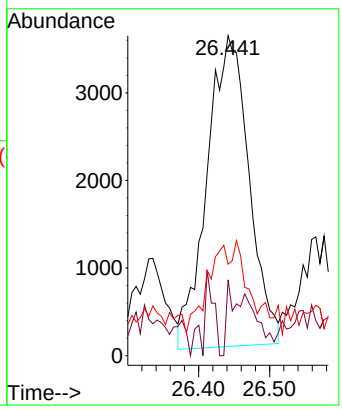


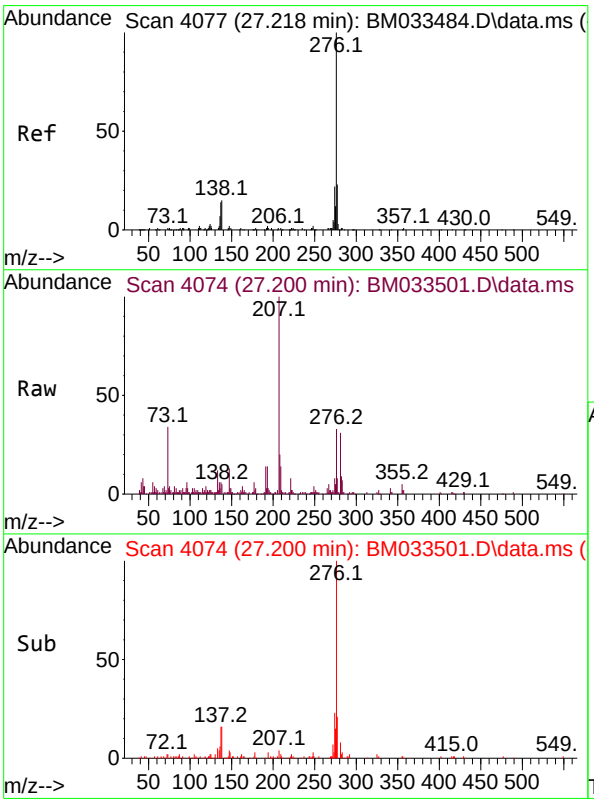
#91
Dibenzo(a,h)anthracene
Concen: 2.923 ng
RT: 26.441 min Scan# 3
Delta R.T. -0.024 min
Lab File: BM033501.D
Acq: 17 Dec 2021 11:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 14610

Ion	Ratio	Lower	Upper
278	100		
139	23.7	10.9	16.3#
279	28.6	17.7	26.5#





#92
Benzo(g,h,i)perylene
Concen: 7.199 ng
RT: 27.200 min Scan# 4074
Delta R.T. -0.018 min
Lab File: BM033501.D
Acq: 17 Dec 2021 11:56

Tgt Ion:276 Resp: 46279

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.1	28.7
138	16.4	14.8	22.2