Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121721\
Data File : BM033498.D
Acq On : 17 Dec 2021 09:15
Operator : CG/JU
Sample : PB141409BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB141409BL

Quant Time: Dec 17 10:53:50 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	31249	20.000	ng	0.00
21) Naphthalene-d8	10.748	136	127253	20.000	ng	0.00
39) Acenaphthene-d10	14.583	164	83753	20.000	ng	0.00
64) Phenanthrene-d10	17.330	188	157888	20.000	ng	# 0.00
76) Chrysene-d12	21.512	240	92022	20.000	ng	# 0.00
86) Perylene-d12	23.930	264	68182	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.502	112	282936	156.235	ng	0.00
7) Phenol-d6	7.107	99	363865	149.719	ng	0.00
23) Nitrobenzene-d5	9.107	82	280219	94.551	ng	0.00
42) 2,4,6-Tribromophenol	16.071	330	114282	121.302	ng	0.00
45) 2-Fluorobiphenyl	13.207	172	558233	92.200	ng	0.00
79) Terphenyl-d14	19.954	244	624981	106.923	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.378	88	278	Below Cal	#	53
9) Benzaldehyde	7.107	77	1125	Below Cal	#	7
87) Indeno(1,2,3-cd)pyrene	26.447	276	9439	3.003	ng	# 81
91) Dibenzo(a,h)anthracene	26.477	278	9004	3.819	ng	# 85
92) Benzo(g,h,i)perylene	27.224	276	8421	2.777	ng	# 90

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

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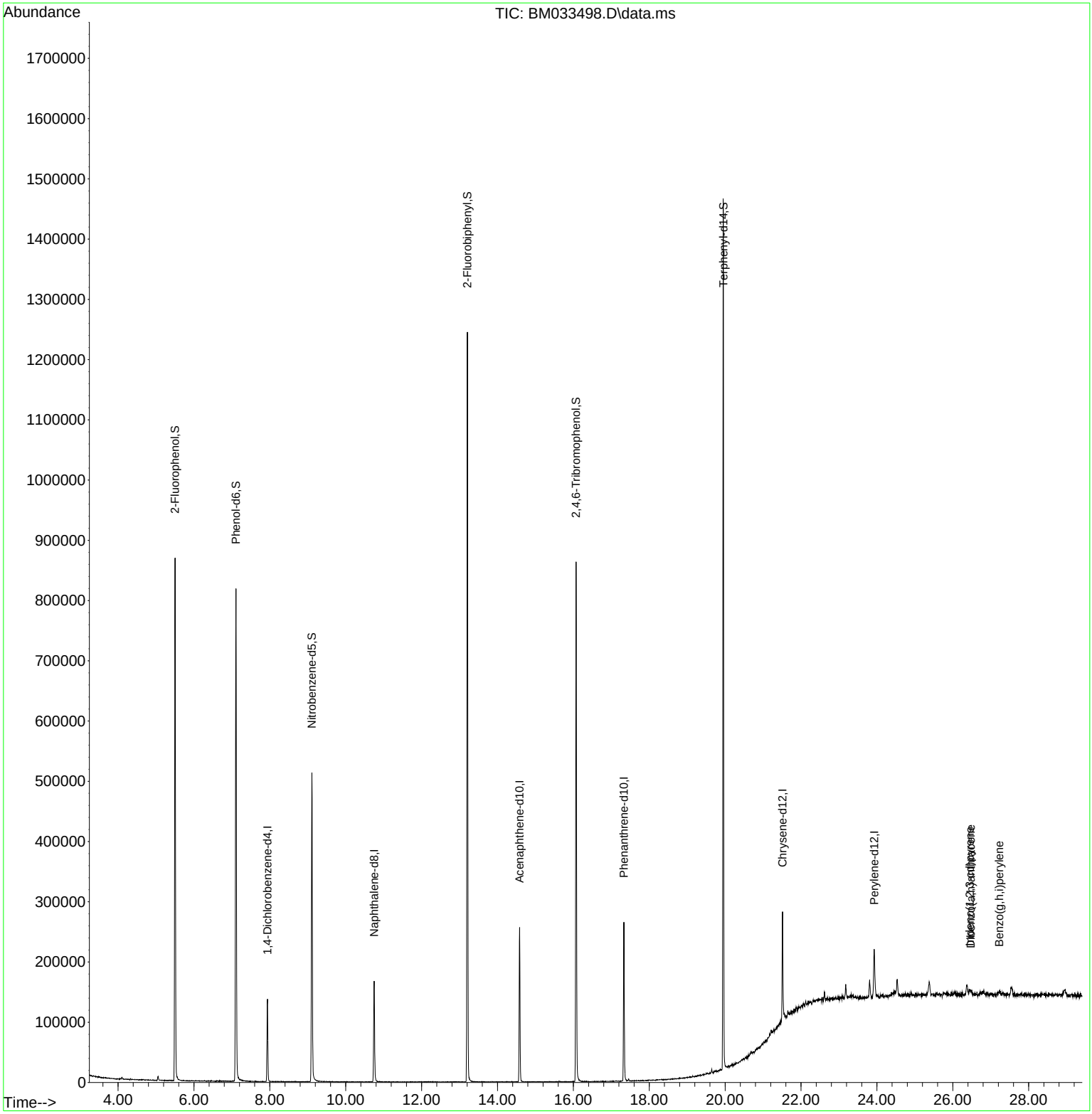
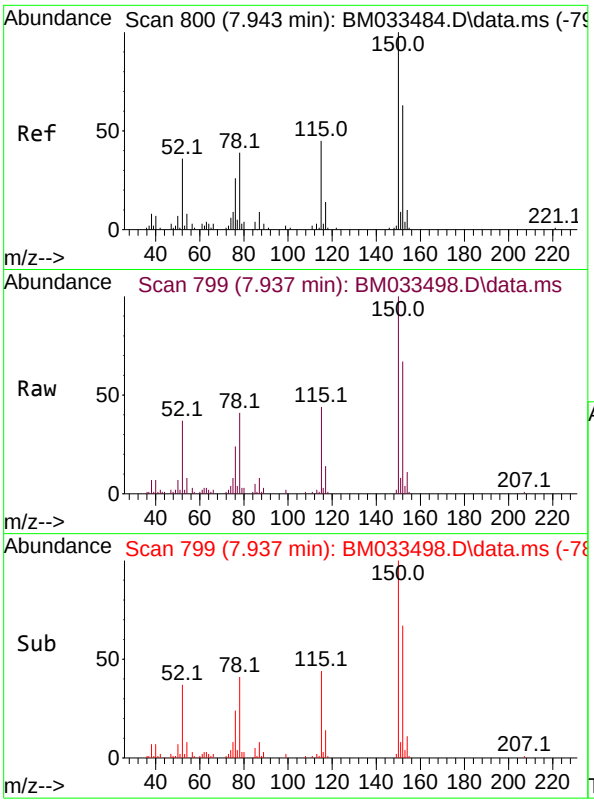


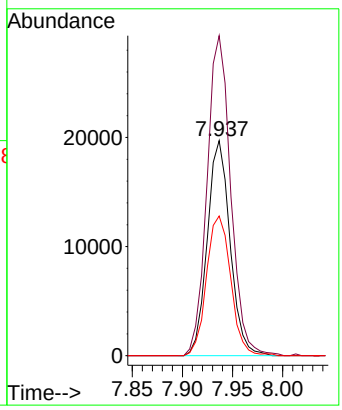


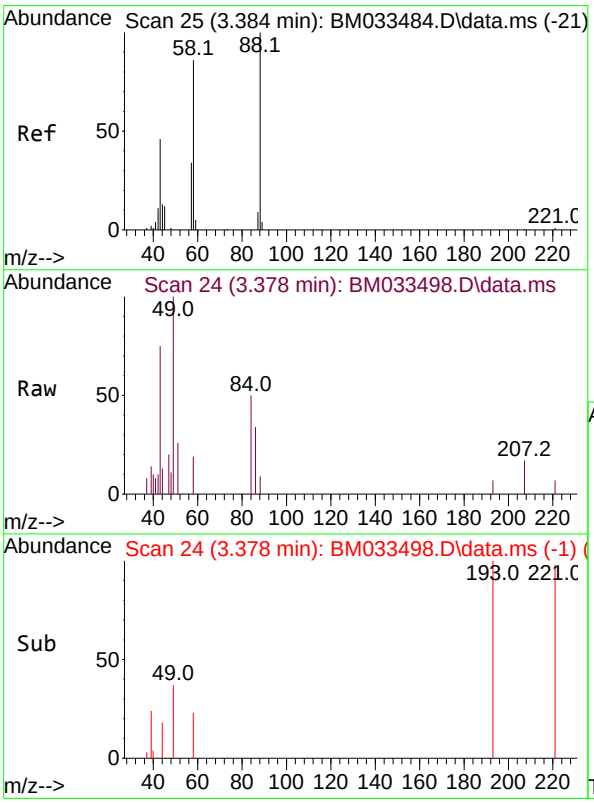
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.937 min Scan# 7
Delta R.T. -0.006 min
Lab File: BM033498.D
Acq: 17 Dec 2021 09:15

Instrument :
BNA_M
ClientSampleId :
PB141409BL

Tgt Ion:152 Resp: 31249

Ion	Ratio	Lower	Upper
152	100		
150	148.8	128.9	193.3
115	65.0	53.0	79.6

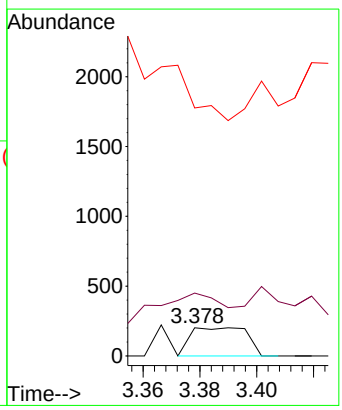


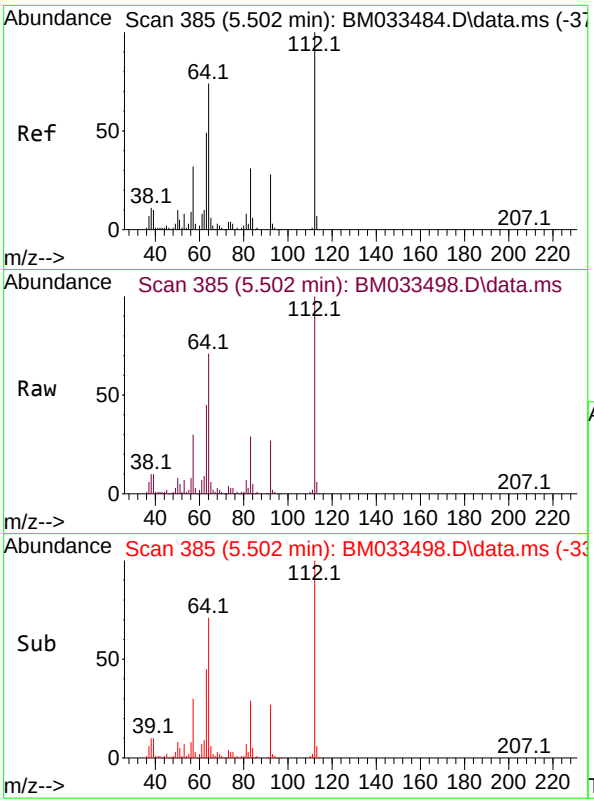


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.378 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM033498.D
Acq: 17 Dec 2021 09:15

Tgt Ion: 88 Resp: 278

Ion	Ratio	Lower	Upper
88	100		
58	118.7	67.0	100.4#
43	0.0	31.6	47.4#



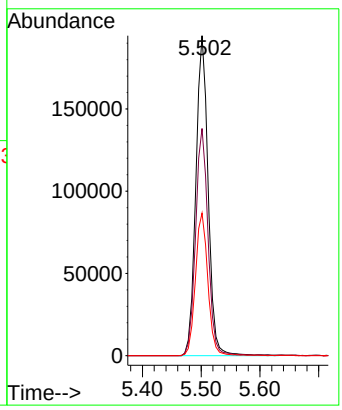


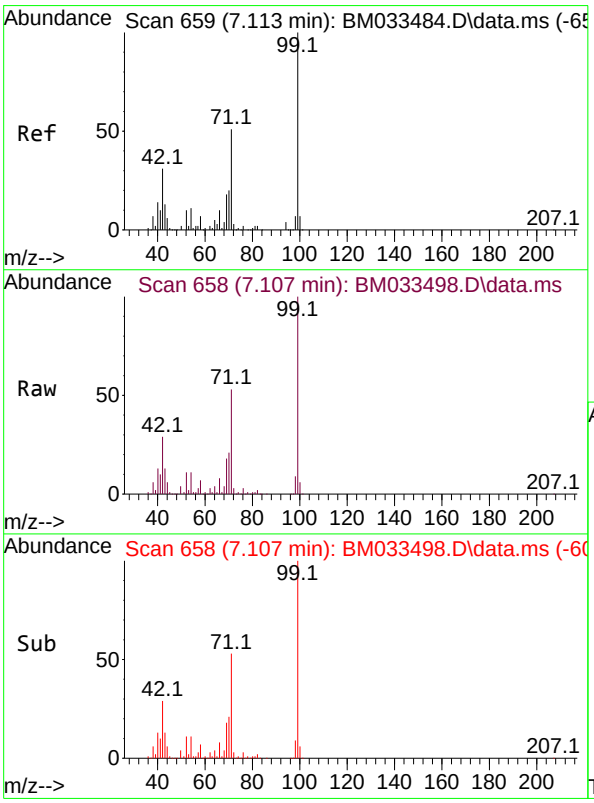
#5
2-Fluorophenol
Concen: 156.235 ng
RT: 5.502 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM033498.D
Acq: 17 Dec 2021 09:15

Instrument :
BNA_M
ClientSampleId :
PB141409BL

Tgt Ion:112 Resp: 282936

Ion	Ratio	Lower	Upper
112	100		
64	71.0	55.5	83.3
63	44.5	31.3	46.9

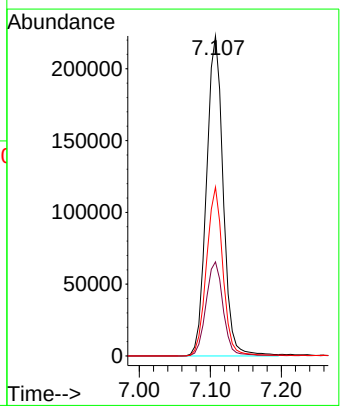


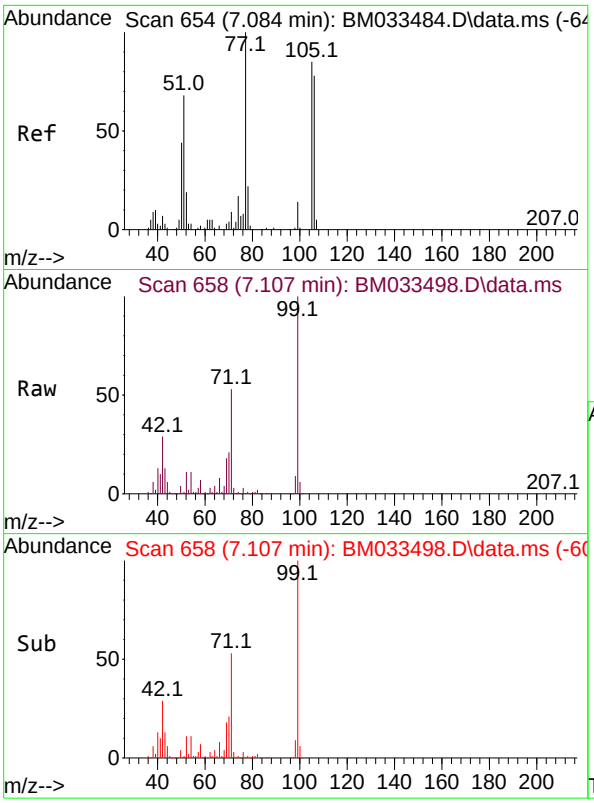


#7
Phenol-d6
Concen: 149.719 ng
RT: 7.107 min Scan# 658
Delta R.T. -0.006 min
Lab File: BM033498.D
Acq: 17 Dec 2021 09:15

Tgt Ion: 99 Resp: 363865

Ion	Ratio	Lower	Upper
99	100		
42	29.4	20.3	30.5
71	52.8	34.5	51.7#



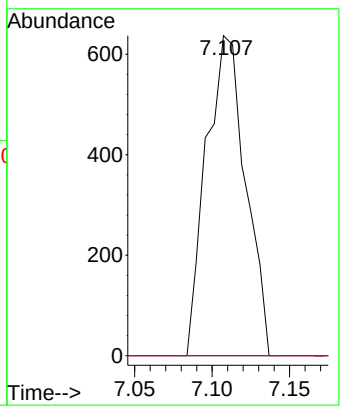


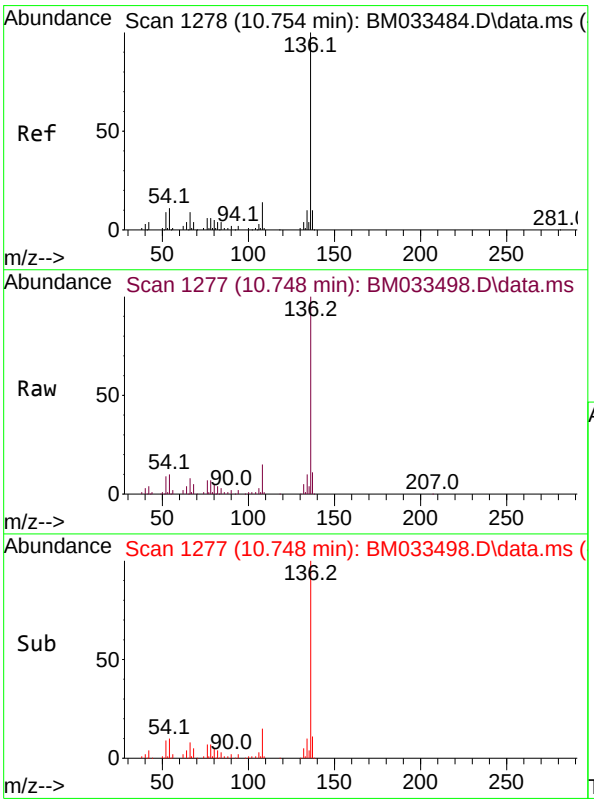
#9
Benzaldehyde
Concen: Below Cal
RT: 7.107 min Scan# 6
Delta R.T. 0.023 min
Lab File: BM033498.D
Acq: 17 Dec 2021 09:15

Instrument :
BNA_M
ClientSampleId :
PB141409BL

Tgt Ion: 77 Resp: 1125

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

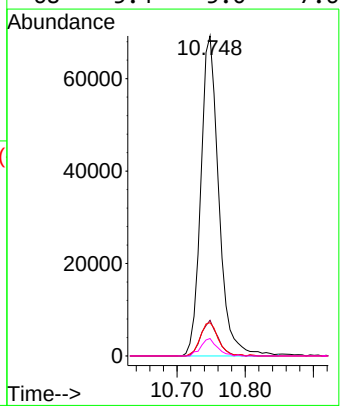


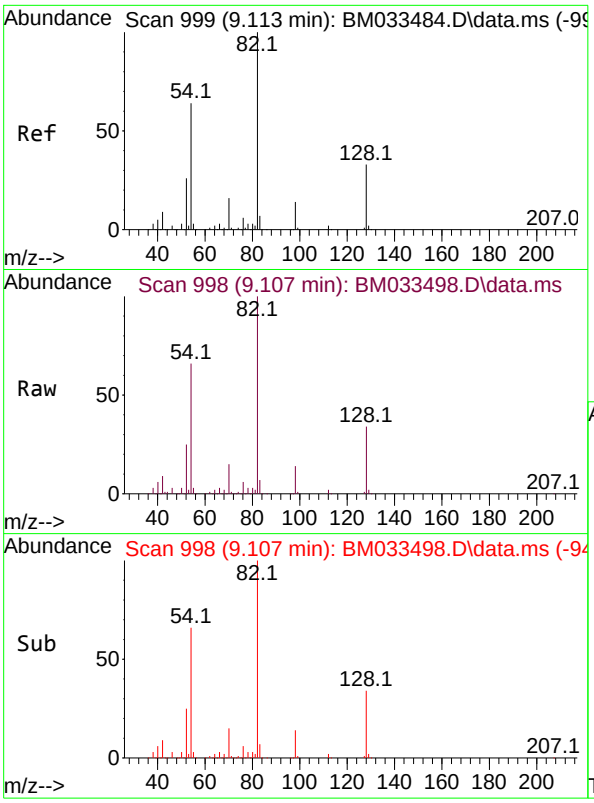


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.748 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BM033498.D
Acq: 17 Dec 2021 09:15

Tgt Ion:136 Resp: 127253

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	10.4	8.3	12.5
68	5.4	5.0	7.6



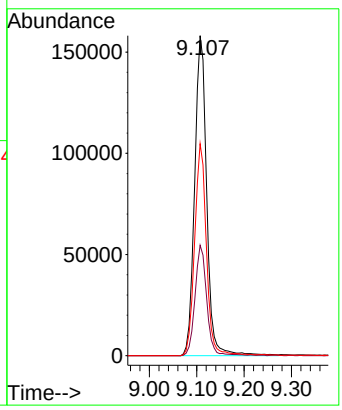


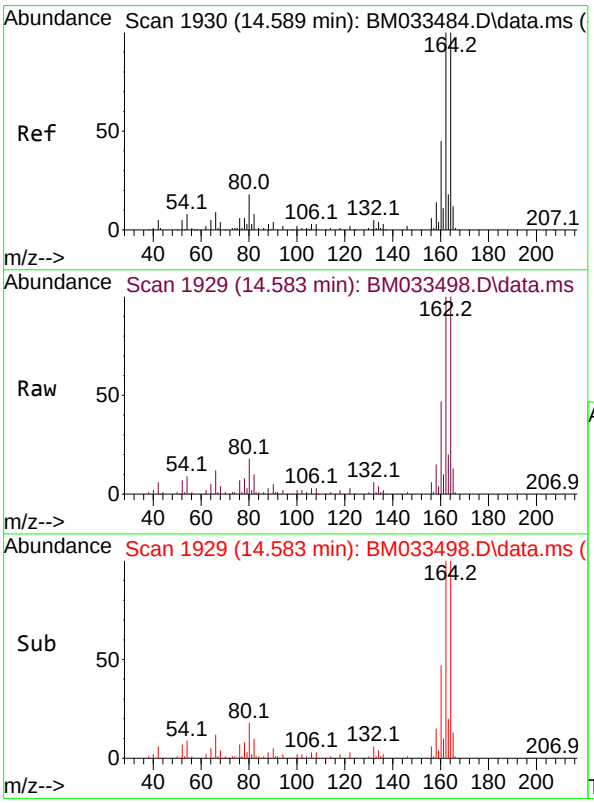
#23
Nitrobenzene-d5
Concen: 94.551 ng
RT: 9.107 min Scan# 9
Delta R.T. -0.006 min
Lab File: BM033498.D
Acq: 17 Dec 2021 09:15

Instrument :
BNA_M
ClientSampleId :
PB141409BL

Tgt Ion: 82 Resp: 280219

Ion	Ratio	Lower	Upper
82	100		
128	34.5	28.1	42.1
54	66.2	46.1	69.1

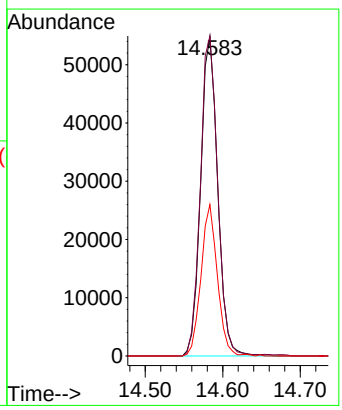


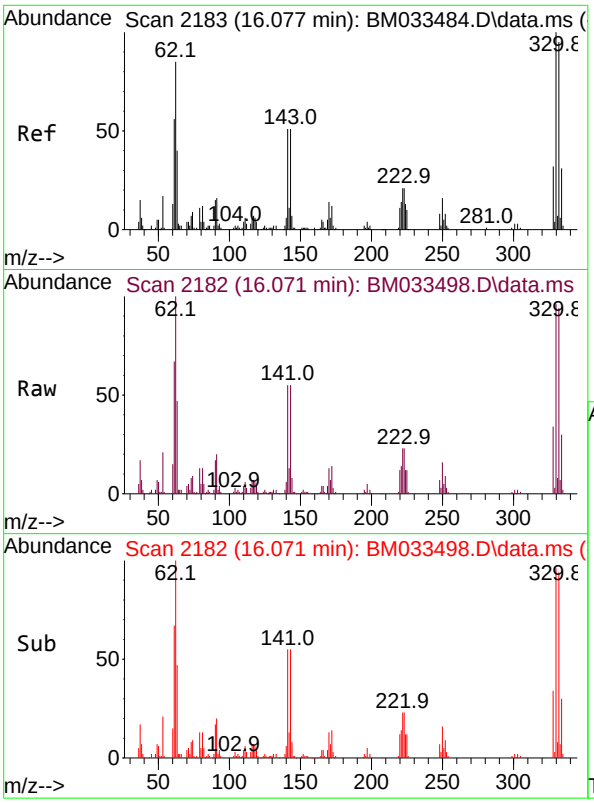


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.583 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BM033498.D
Acq: 17 Dec 2021 09:15

Tgt Ion:164 Resp: 83753

Ion	Ratio	Lower	Upper
164	100		
162	100.3	79.7	119.5
160	47.4	34.2	51.4



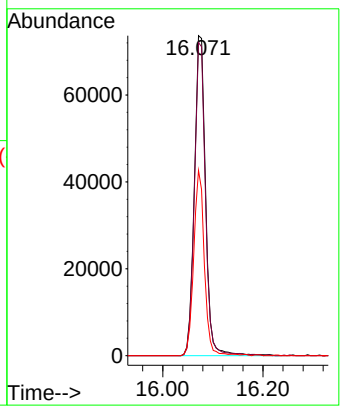


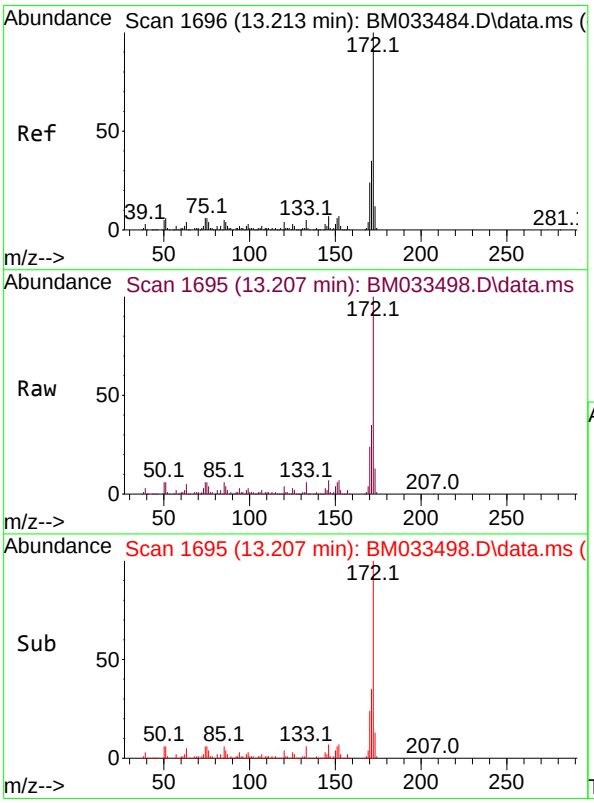
#42
2,4,6-Tribromophenol
Concen: 121.302 ng
RT: 16.071 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM033498.D
Acq: 17 Dec 2021 09:15

Instrument :
BNA_M
ClientSampleId :
PB141409BL

Tgt Ion:330 Resp: 114282

Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.5	114.7
141	54.8	35.9	53.9#

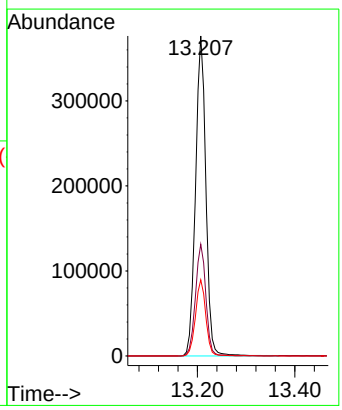


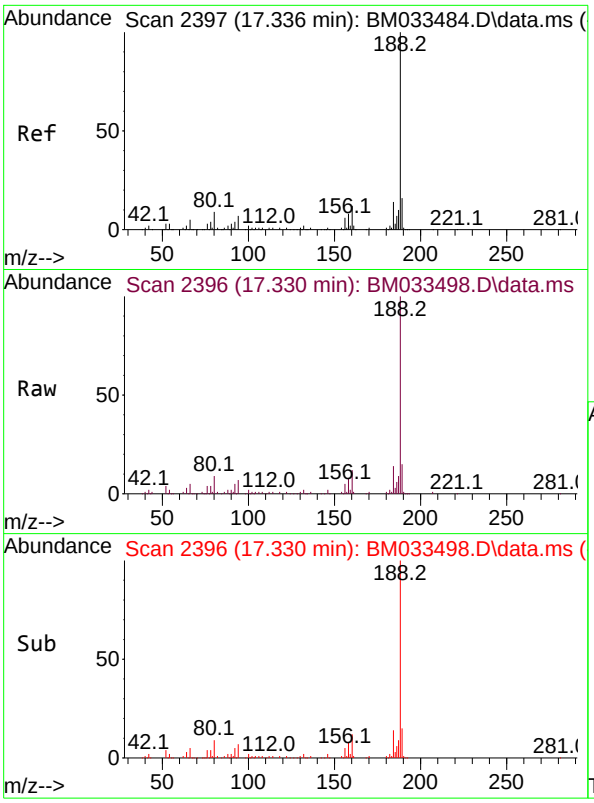


#45
2-Fluorobiphenyl
Concen: 92.200 ng
RT: 13.207 min Scan# 1695
Delta R.T. -0.006 min
Lab File: BM033498.D
Acq: 17 Dec 2021 09:15

Tgt Ion:172 Resp: 558233

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.2	40.8
170	23.8	18.7	28.1



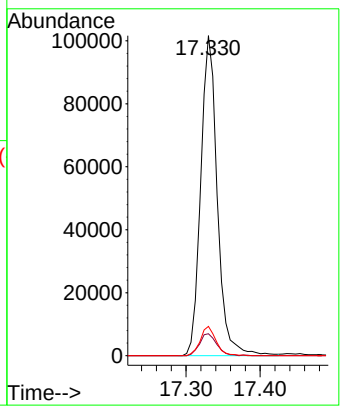


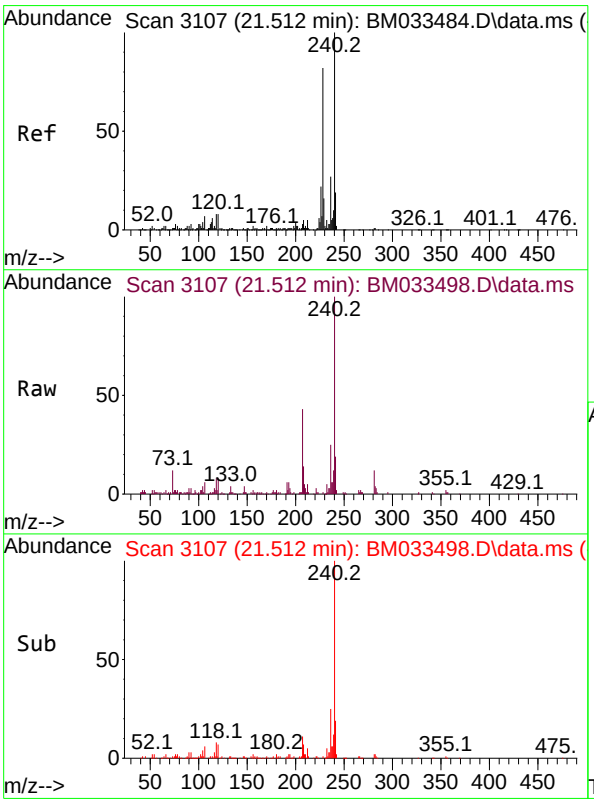
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.330 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM033498.D
Acq: 17 Dec 2021 09:15

Instrument :
BNA_M
ClientSampleId :
PB141409BL

Tgt Ion:188 Resp: 157888

Ion	Ratio	Lower	Upper
188	100		
94	6.9	7.5	11.3#
80	9.1	8.9	13.3

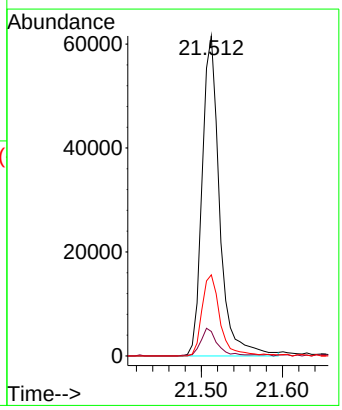


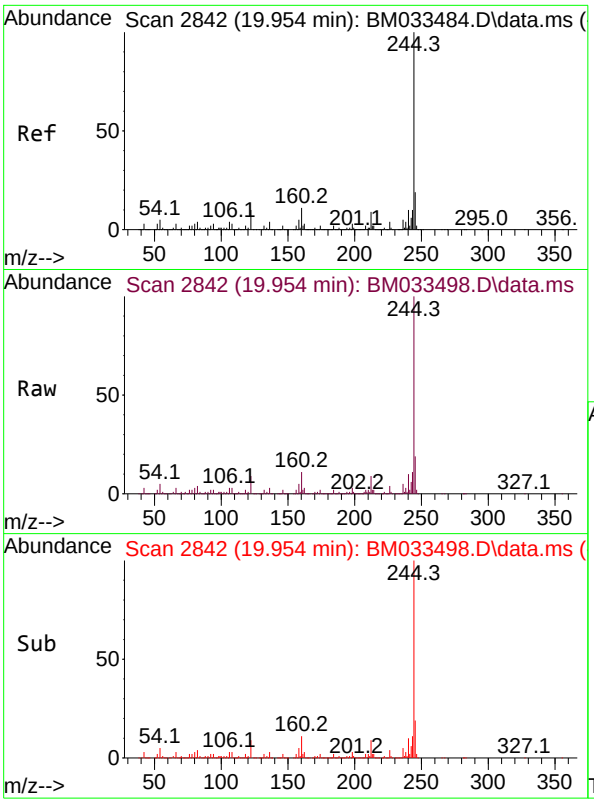


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.512 min Scan# 3107
Delta R.T. 0.000 min
Lab File: BM033498.D
Acq: 17 Dec 2021 09:15

Tgt Ion:240 Resp: 92022

Ion	Ratio	Lower	Upper
240	100		
120	7.6	7.8	11.6#
236	25.4	20.3	30.5



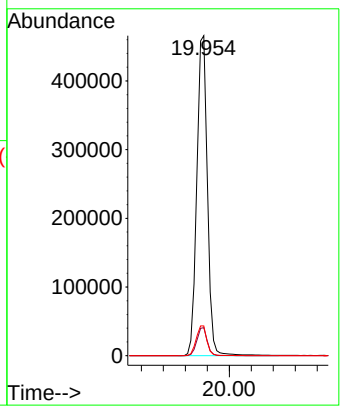


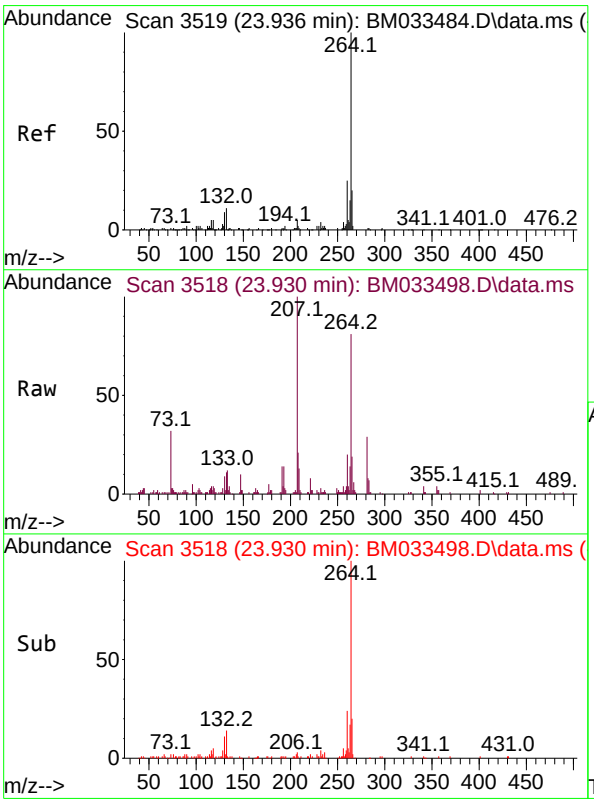
#79
Terphenyl-d14
Concen: 106.923 ng
RT: 19.954 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM033498.D
Acq: 17 Dec 2021 09:15

Instrument :
BNA_M
ClientSampleId :
PB141409BL

Tgt Ion:244 Resp: 624981

Ion	Ratio	Lower	Upper
244	100		
212	8.8	5.9	8.9
122	9.3	8.4	12.6

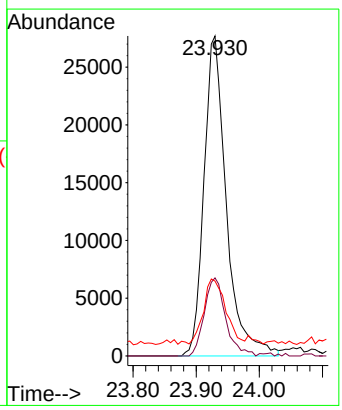


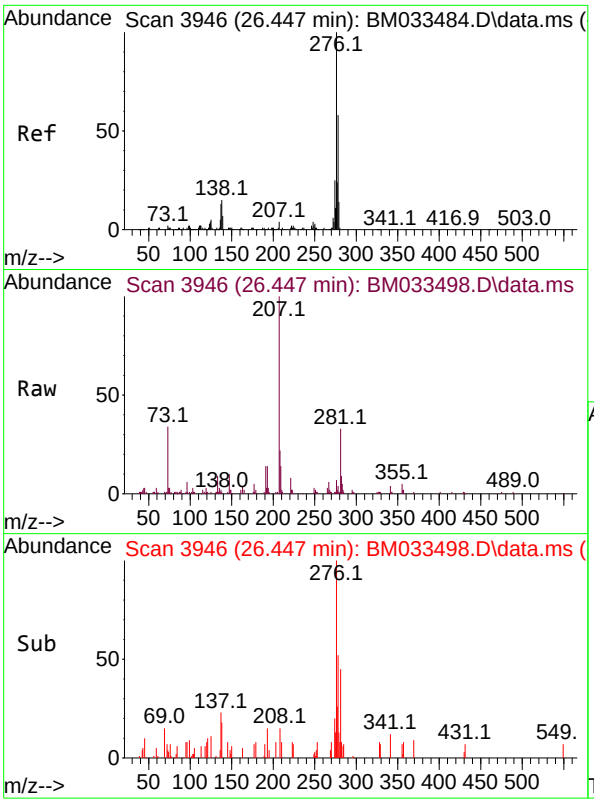


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.930 min Scan# 3518
Delta R.T. -0.006 min
Lab File: BM033498.D
Acq: 17 Dec 2021 09:15

Tgt Ion:264 Resp: 68182

Ion	Ratio	Lower	Upper
264	100		
260	24.4	17.7	26.5
265	23.4	17.7	26.5



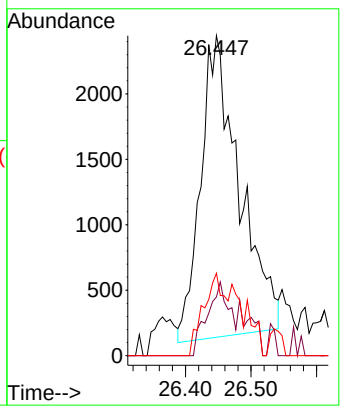


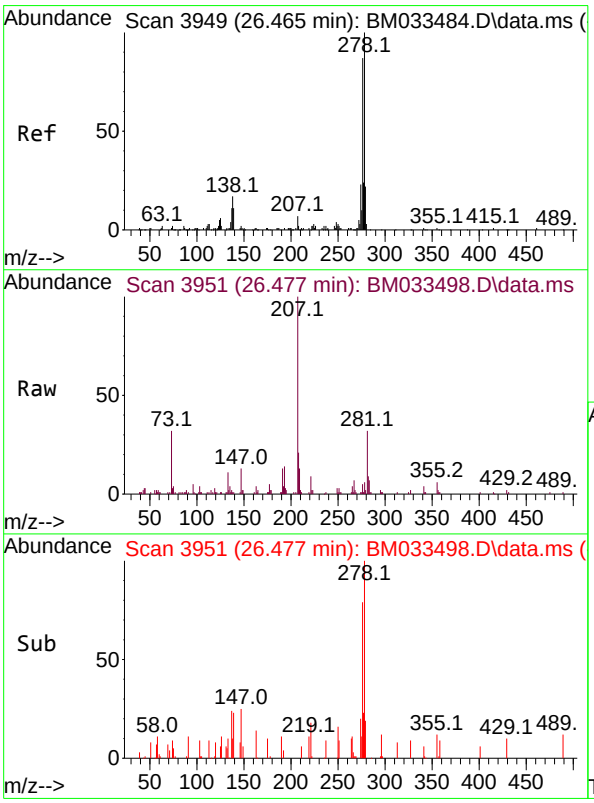
#87
Indeno(1,2,3-cd)pyrene
Concen: 3.003 ng
RT: 26.447 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM033498.D
Acq: 17 Dec 2021 09:15

Instrument :
BNA_M
ClientSampleId :
PB141409BL

Tgt Ion:276 Resp: 9439

Ion	Ratio	Lower	Upper
276	100		
138	14.2	18.7	28.1#
277	15.3	20.2	30.4#

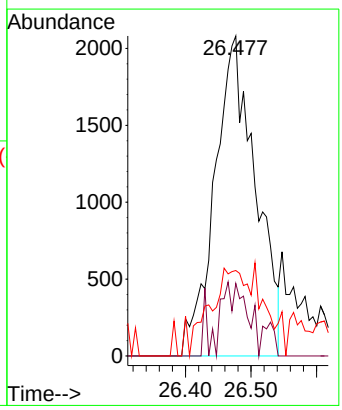


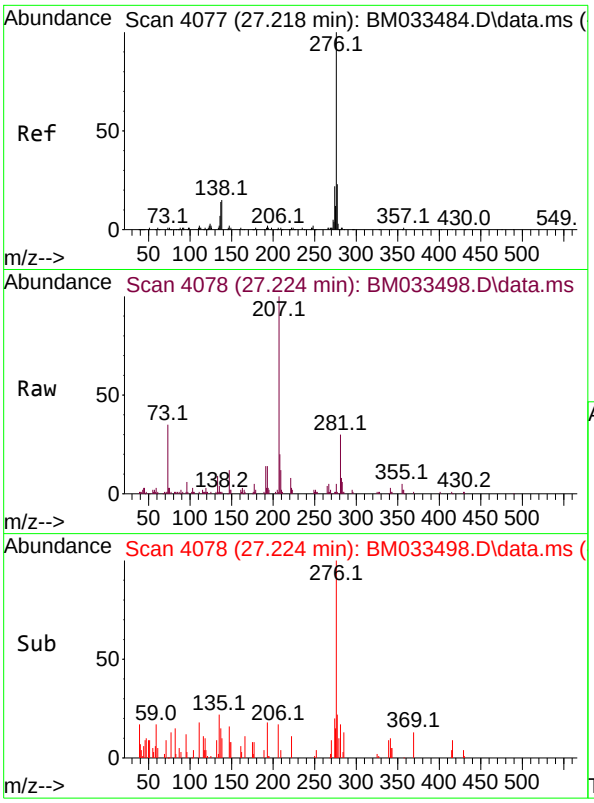


#91
Dibenzo(a,h)anthracene
Concen: 3.819 ng
RT: 26.477 min Scan# 3951
Delta R.T. 0.012 min
Lab File: BM033498.D
Acq: 17 Dec 2021 09:15

Tgt Ion:278 Resp: 9004

Ion	Ratio	Lower	Upper
278	100		
139	22.7	10.9	16.3#
279	26.7	17.7	26.5#





#92
Benzo(g,h,i)perylene
Concen: 2.777 ng
RT: 27.224 min Scan# 4
Delta R.T. 0.006 min
Lab File: BM033498.D
Acq: 17 Dec 2021 09:15

Instrument :
BNA_M
ClientSampleId :
PB141409BL

Tgt Ion:276 Resp: 8421

Ion	Ratio	Lower	Upper
276	100		
277	22.3	19.1	28.7
138	10.1	14.8	22.2#