Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011422\
Data File : BM033740.D
Acq On : 14 Jan 2022 22:23
Operator : CG/JU
Sample : N1144-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RO-ETGI-352

Quant Time: Jan 17 00:28:07 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 13 07:49:01 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.960	152	166977	20.000	ng		-0.01
21) Naphthalene-d8	10.778	136	713726	20.000	ng		#-0.01
39) Acenaphthene-d10	14.601	164	464486	20.000	ng		0.00
64) Phenanthrene-d10	17.336	188	959183	20.000	ng		0.00
76) Chrysene-d12	21.501	240	624120	20.000	ng		0.00
86) Perylene-d12	23.912	264	679312	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.507	112	1188818	112.287	ng		0.00
7) Phenol-d6	7.119	99	1551121	108.704	ng		0.00
23) Nitrobenzene-d5	9.125	82	1020460	66.030	ng		-0.01
42) 2,4,6-Tribromophenol	16.083	330	647743	133.516	ng		0.00
45) 2-Fluorobiphenyl	13.230	172	2218556	62.560	ng		-0.01
79) Terphenyl-d14	19.948	244	2634191	75.971	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	7.119	77	3980	Below Cal		#	14
27) 2,4-Dimethylphenol	10.037	122	96553	9.340	ng	#	1
32) Benzoic acid	10.037	122	96553	13.274	ng	#	86
71) Phenanthrene	17.377	178	265048	4.829	ng		98
75) Fluoranthene	19.383	202	488889	8.485	ng		98
78) Pyrene	19.742	202	444518	10.116	ng		98
81) Benzo(a)anthracene	21.483	228	185629	4.386	ng		96
83) Chrysene	21.536	228	186685	4.609	ng		96
84) Bis(2-ethylhexyl)phtha...	21.412	149	158419	5.299	ng		99
87) Indeno(1,2,3-cd)pyrene	26.436	276	136625	2.727	ng		96
88) Benzo(b)fluoranthene	23.177	252	279334	6.450	ng	#	91
89) Benzo(k)fluoranthene	23.177	252	279334	6.655	ng	#	93
90) Benzo(a)pyrene	23.806	252	181562	5.051	ng	#	95
92) Benzo(g,h,i)perylene	27.212	276	135391	3.310	ng		96

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011422\
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Quant Time: Jan 17 00:28:07 2022
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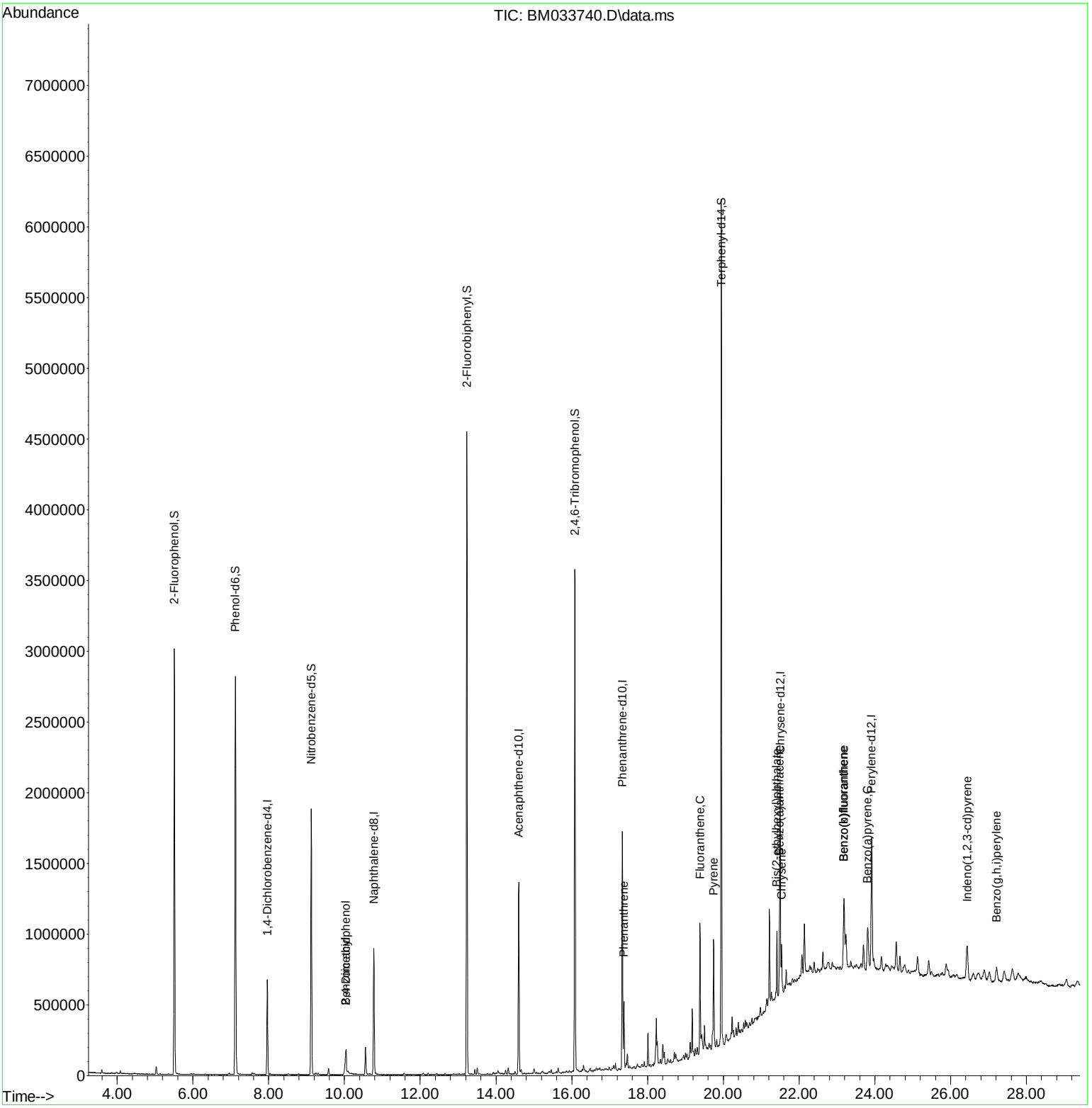
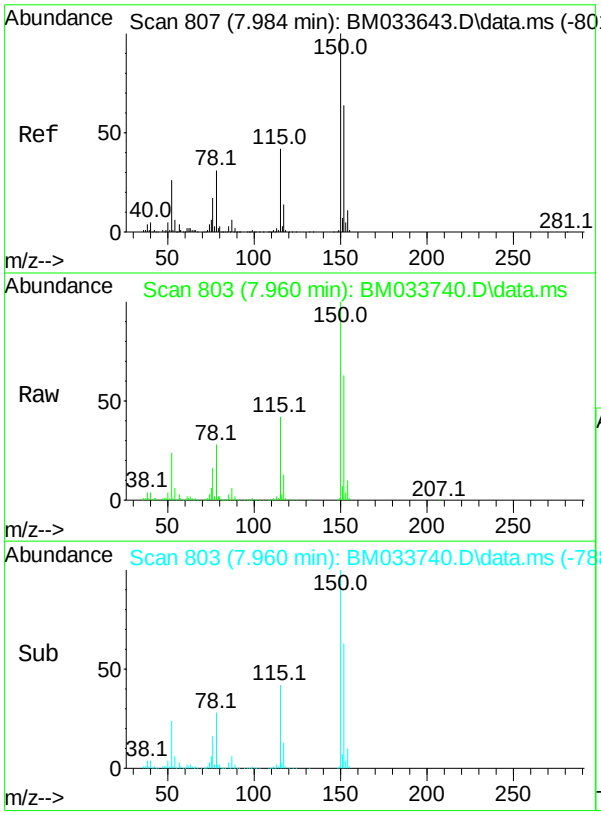
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 13 07:49:01 2022
Response via : Initial Calibration



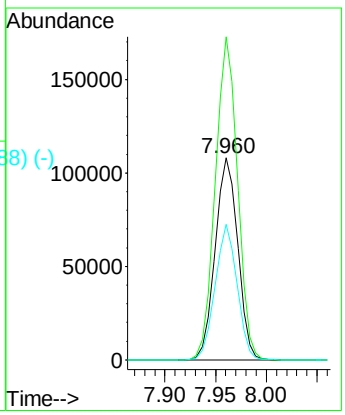


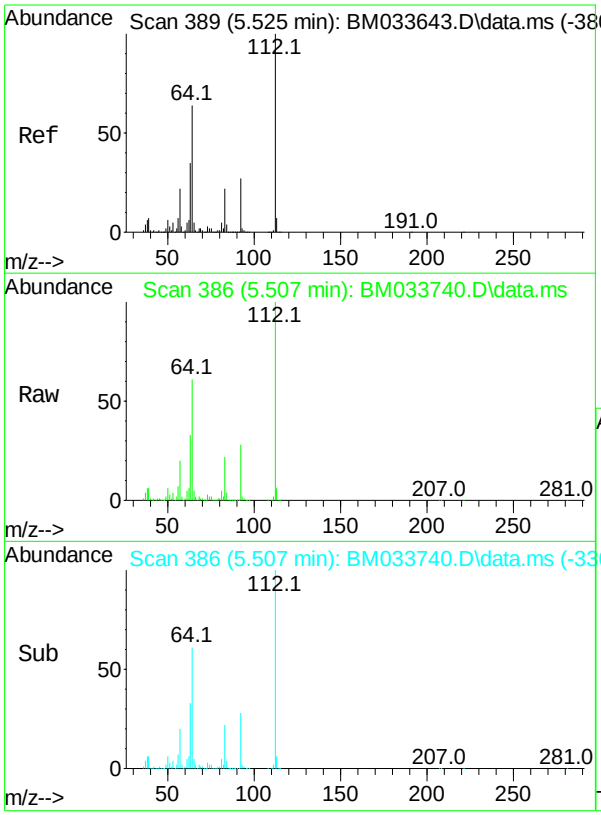
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.960 min Scan# 8
Delta R.T. -0.012 min
Lab File: BM033740.D
Acq: 14 Jan 2022 22:23

Instrument :
BNA_M
ClientSampleId :
RO-ETGI-352

Tgt Ion:152 Resp: 166977

Ion	Ratio	Lower	Upper
152	100		
150	160.0	128.9	193.3
115	67.2	53.0	79.6

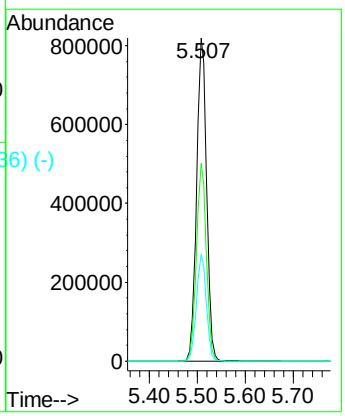


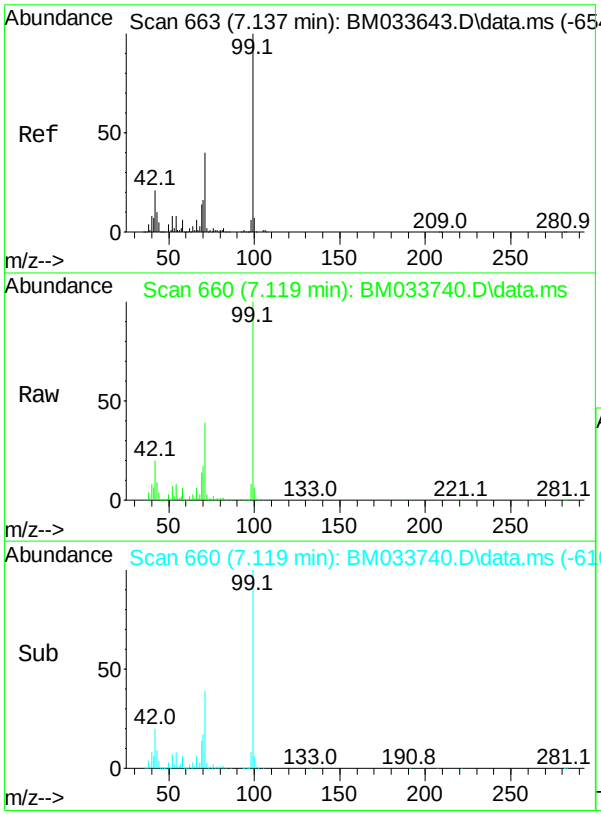


#5
2-Fluorophenol
Concen: 112.287 ng
RT: 5.507 min Scan# 386
Delta R.T. -0.006 min
Lab File: BM033740.D
Acq: 14 Jan 2022 22:23

Tgt Ion:112 Resp: 1188818

Ion	Ratio	Lower	Upper
112	100		
64	61.2	55.5	83.3
63	33.1	31.3	46.9



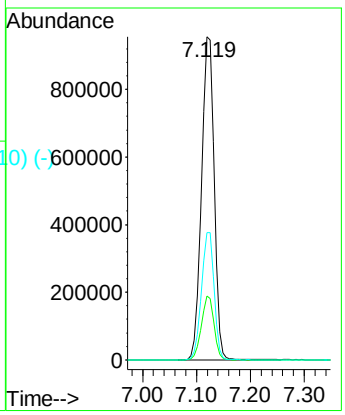


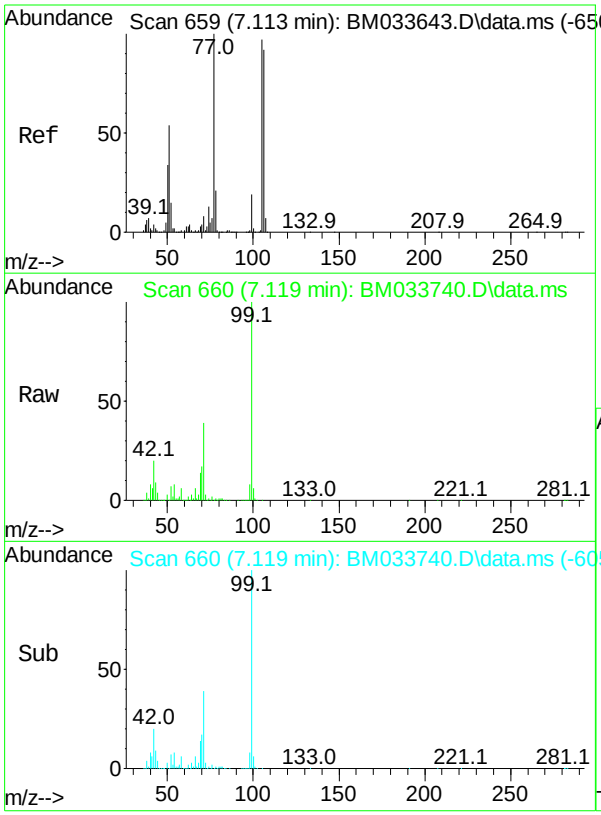
#7
Phenol-d6
Concen: 108.704 ng
RT: 7.119 min Scan# 6
Delta R.T. -0.006 min
Lab File: BM033740.D
Acq: 14 Jan 2022 22:23

Instrument :
BNA_M
ClientSampleId :
RO-ETGI-352

Tgt Ion: 99 Resp: 1551121

Ion	Ratio	Lower	Upper
99	100		
42	19.8	20.3	30.5#
71	39.4	34.5	51.7

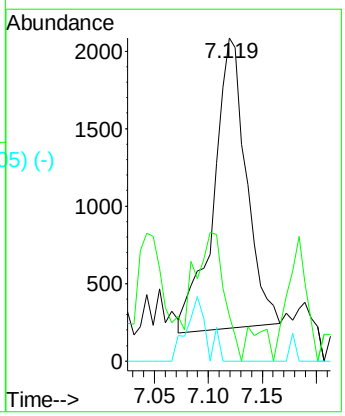


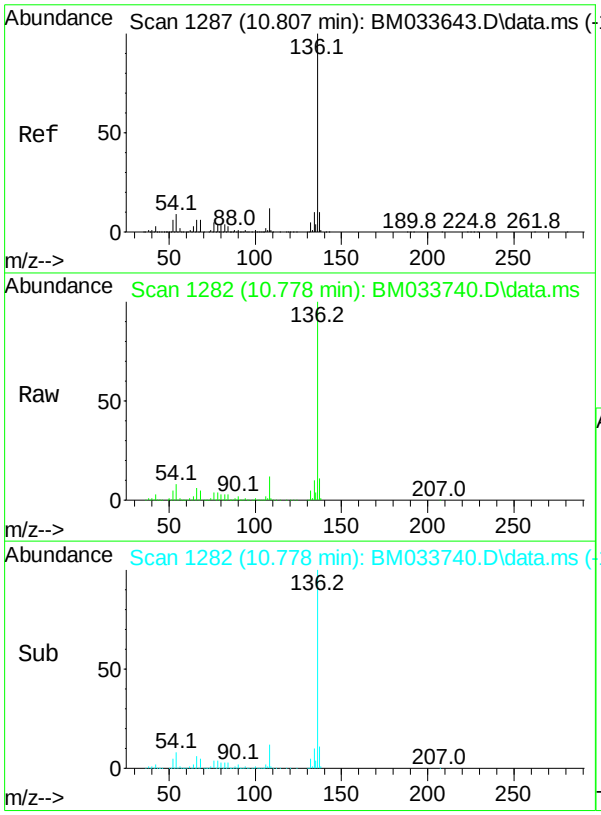


#9
Benzaldehyde
Concen: Below Cal
RT: 7.119 min Scan# 660
Delta R.T. 0.024 min
Lab File: BM033740.D
Acq: 14 Jan 2022 22:23

Tgt Ion: 77 Resp: 3980

Ion	Ratio	Lower	Upper
77	100		
105	14.1	67.1	107.1#
106	0.0	64.3	104.3#



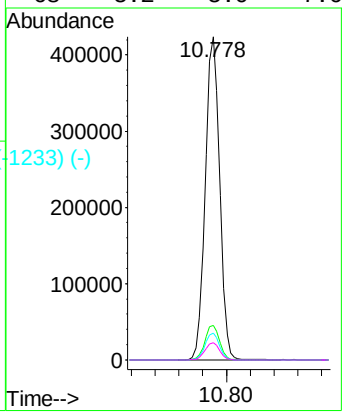


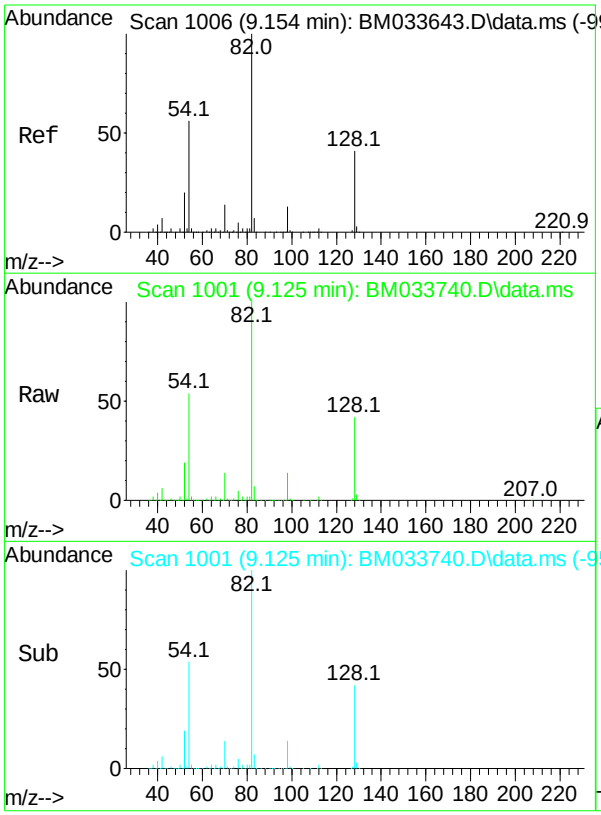
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.778 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM033740.D
Acq: 14 Jan 2022 22:23

Instrument :
BNA_M
ClientSampleId :
RO-ETGI-352

Tgt Ion:136 Resp: 713726

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	8.3	8.3	12.5#
68	5.2	5.0	7.6

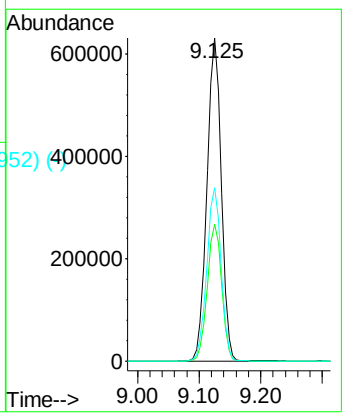


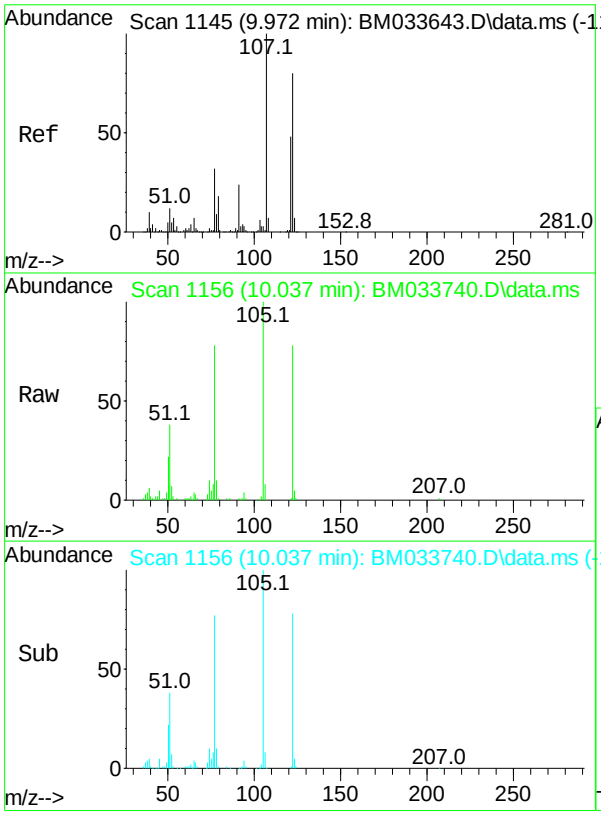


#23
Nitrobenzene-d5
Concen: 66.030 ng
RT: 9.125 min Scan# 1001
Delta R.T. -0.012 min
Lab File: BM033740.D
Acq: 14 Jan 2022 22:23

Tgt Ion: 82 Resp: 1020460

Ion	Ratio	Lower	Upper
82	100		
128	42.4	28.1	42.1#
54	53.6	46.1	69.1



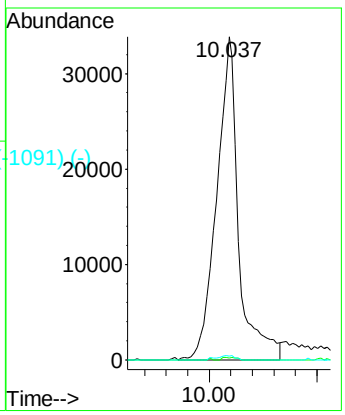


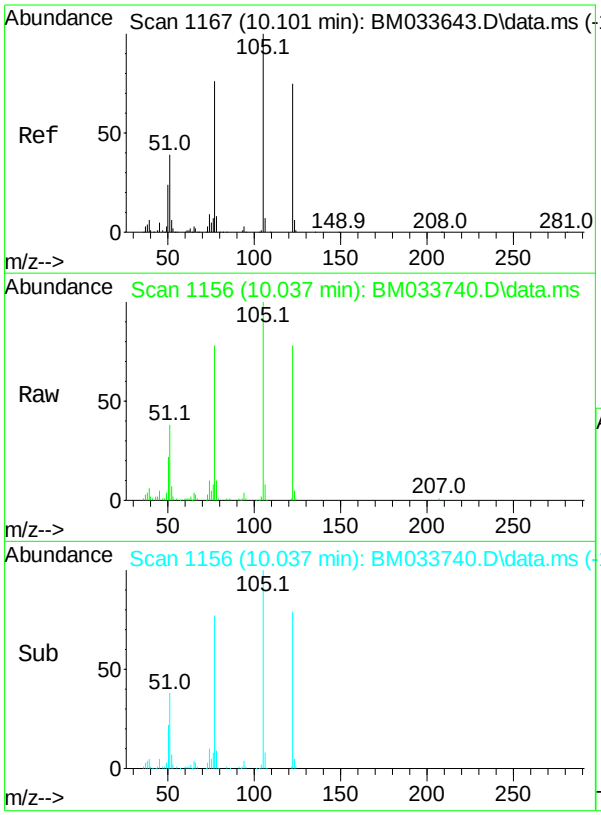
#27
2,4-Dimethylphenol
Concen: 9.340 ng
RT: 10.037 min Scan# 1
Delta R.T. 0.083 min
Lab File: BM033740.D
Acq: 14 Jan 2022 22:23

Instrument :
BNA_M
ClientSampleId :
RO-ETGI-352

Tgt Ion:122 Resp: 96553

Ion	Ratio	Lower	Upper
122	100		
107	0.5	105.3	157.9#
121	1.2	49.7	74.5#

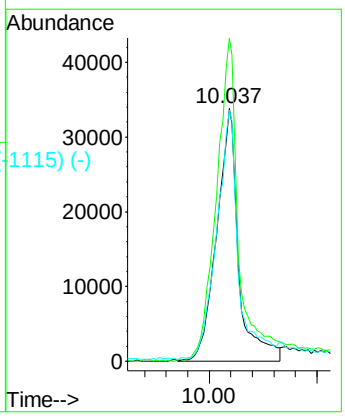


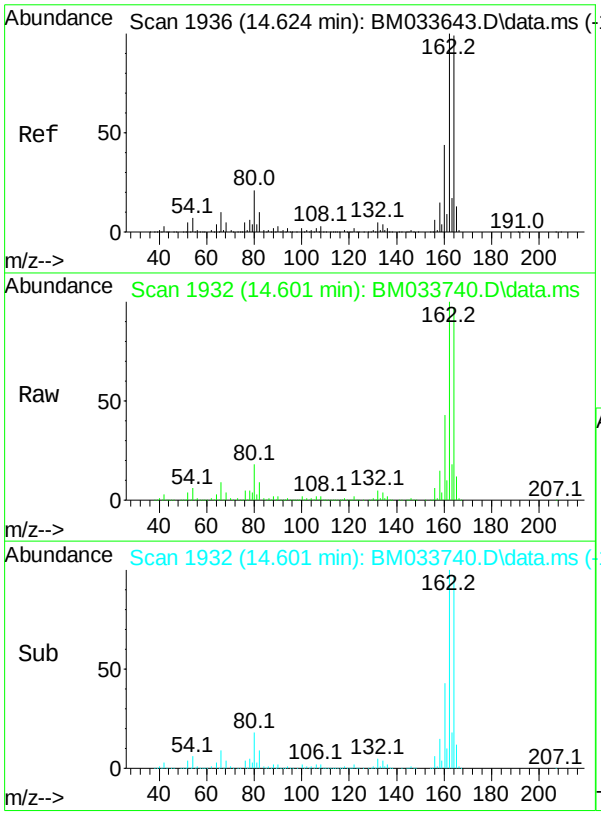


#32
Benzoic acid
Concen: 13.274 ng
RT: 10.037 min Scan# 1156
Delta R.T. -0.059 min
Lab File: BM033740.D
Acq: 14 Jan 2022 22:23

Tgt Ion:122 Resp: 96553

Ion	Ratio	Lower	Upper
122	100		
105	127.8	119.6	159.6
77	99.3	101.0	141.0#



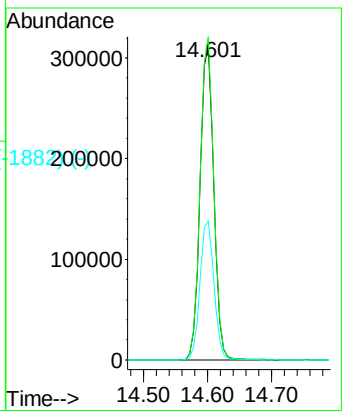


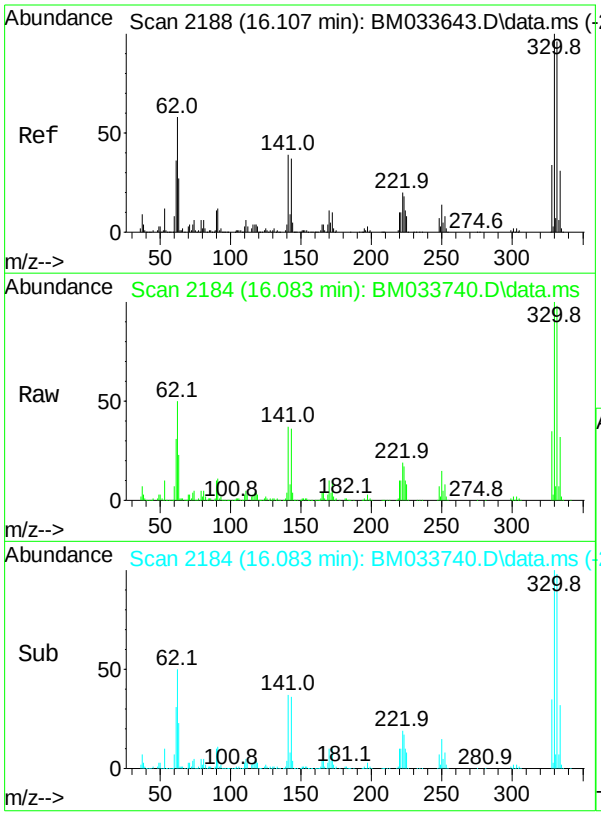
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.601 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM033740.D
Acq: 14 Jan 2022 22:23

Instrument :
BNA_M
ClientSampleId :
RO-ETGI-352

Tgt Ion:164 Resp: 464486

Ion	Ratio	Lower	Upper
164	100		
162	103.1	79.7	119.5
160	44.5	34.2	51.4

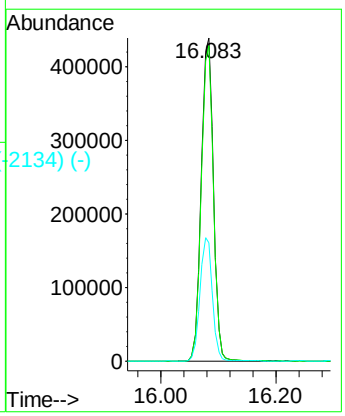


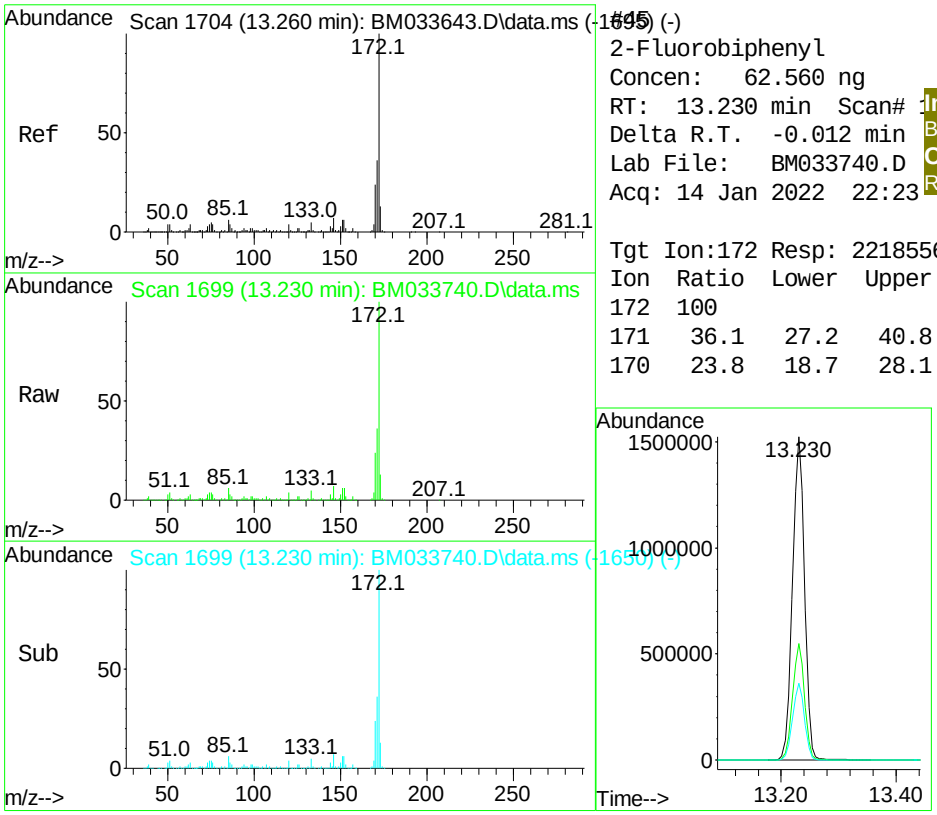


#42
2,4,6-Tribromophenol
Concen: 133.516 ng
RT: 16.083 min Scan# 2184
Delta R.T. -0.006 min
Lab File: BM033740.D
Acq: 14 Jan 2022 22:23

Tgt Ion:330 Resp: 647743

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.5	114.7
141	38.6	35.9	53.9



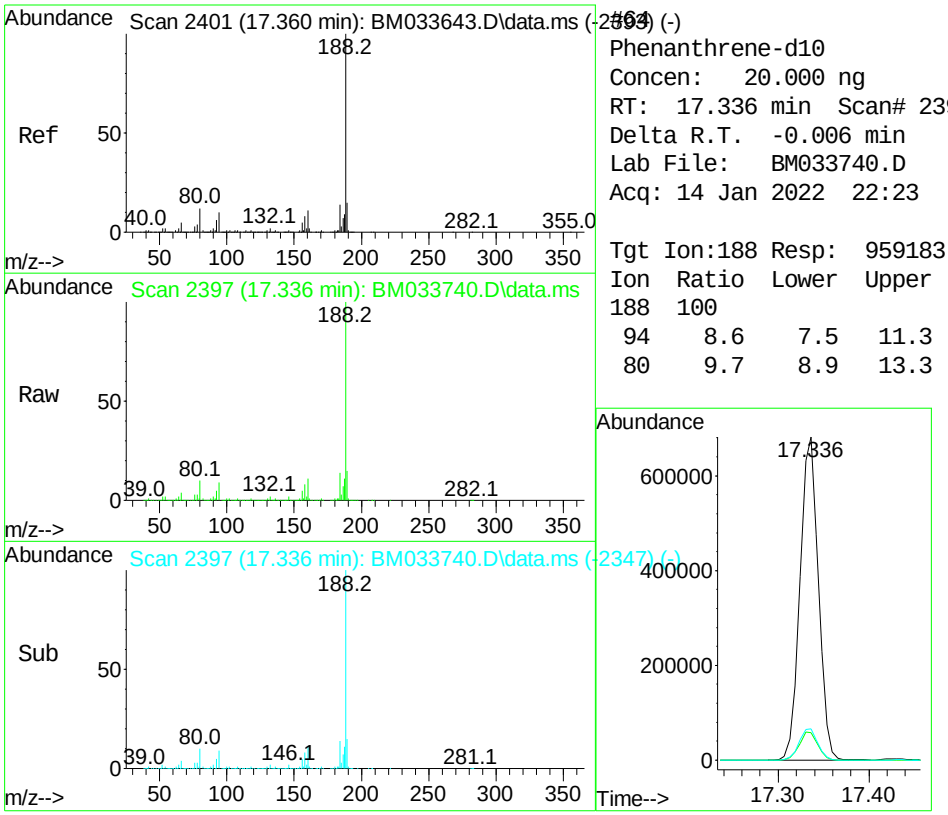


#45
2-Fluorobiphenyl
Concen: 62.560 ng
RT: 13.230 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM033740.D
Acq: 14 Jan 2022 22:23

Instrument :
BNA_M
ClientSampleId :
RO-ETGI-352

Tgt Ion:172 Resp: 2218556

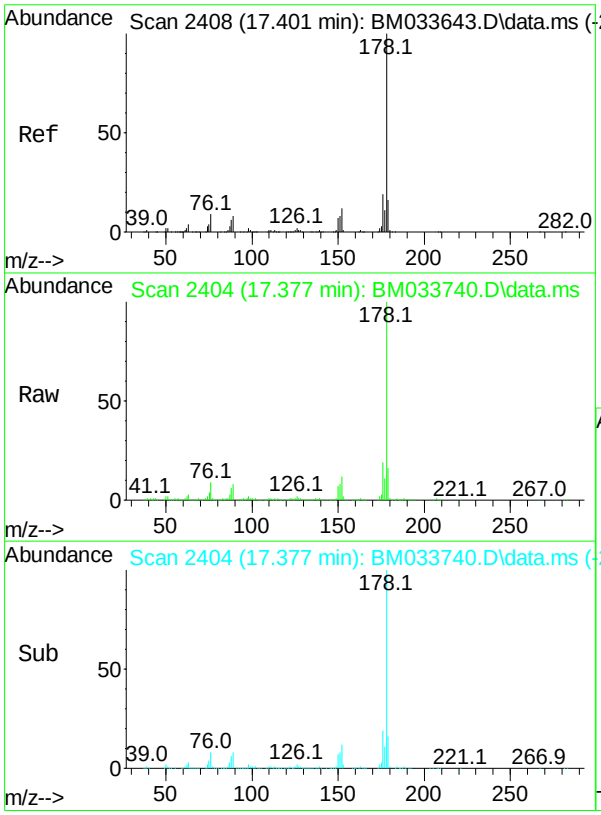
Ion	Ratio	Lower	Upper
172	100		
171	36.1	27.2	40.8
170	23.8	18.7	28.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.336 min Scan# 2397
Delta R.T. -0.006 min
Lab File: BM033740.D
Acq: 14 Jan 2022 22:23

Tgt Ion:188 Resp: 959183

Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.5	11.3
80	9.7	8.9	13.3

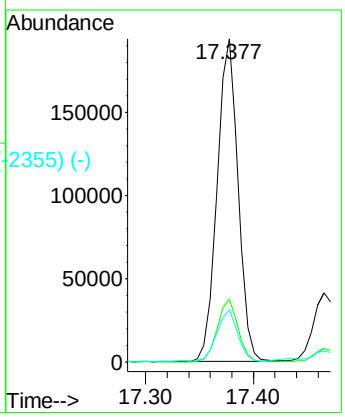


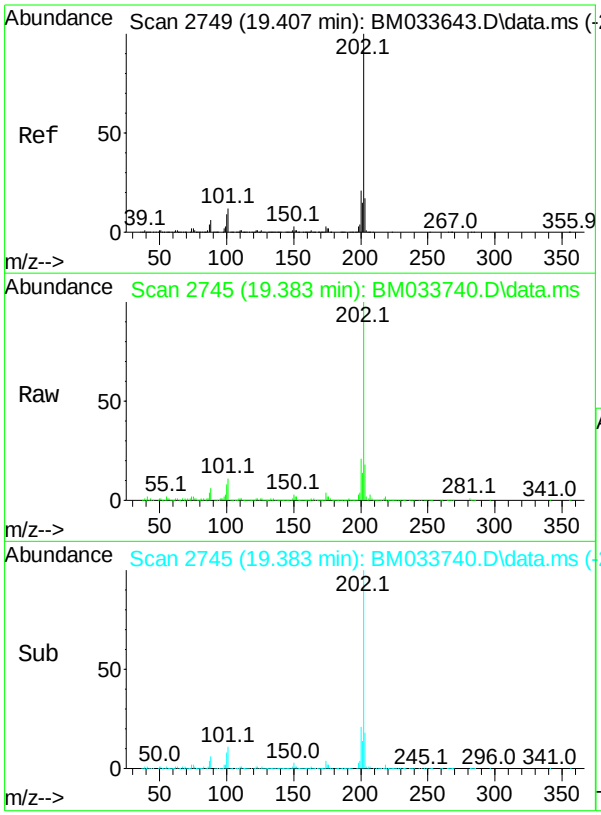
#74
Phenanthrene
Concen: 4.829 ng
RT: 17.377 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM033740.D
Acq: 14 Jan 2022 22:23

Instrument :
BNA_M
ClientSampleId :
RO-ETGI-352

Tgt Ion:178 Resp: 265048

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.1	22.7
179	16.2	12.0	18.0

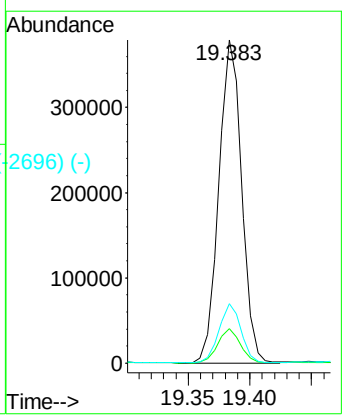


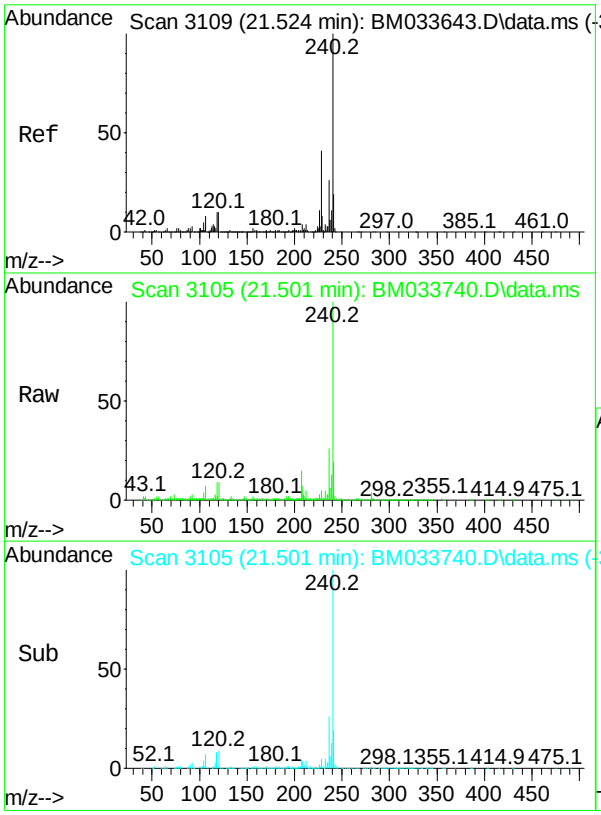


#75
Fluoranthene
Concen: 8.485 ng
RT: 19.383 min Scan# 2745
Delta R.T. -0.012 min
Lab File: BM033740.D
Acq: 14 Jan 2022 22:23

Tgt Ion:202 Resp: 488889

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	30.8
203	18.5	0.0	37.2



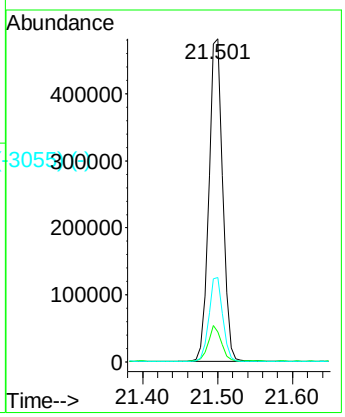


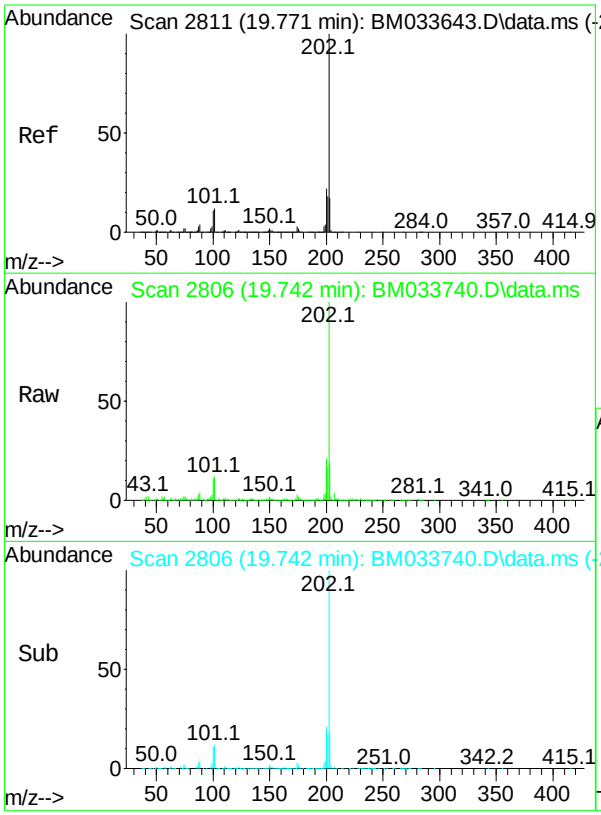
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.501 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM033740.D
Acq: 14 Jan 2022 22:23

Instrument :
BNA_M
ClientSampleId :
RO-ETGI-352

Tgt Ion:240 Resp: 624120

Ion	Ratio	Lower	Upper
240	100		
120	9.3	7.8	11.6
236	26.1	20.3	30.5

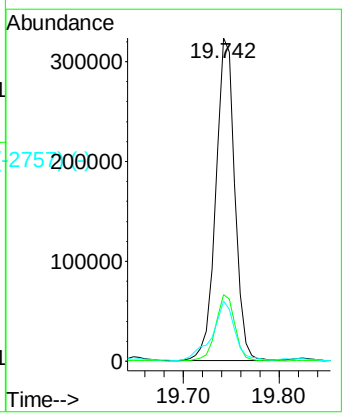


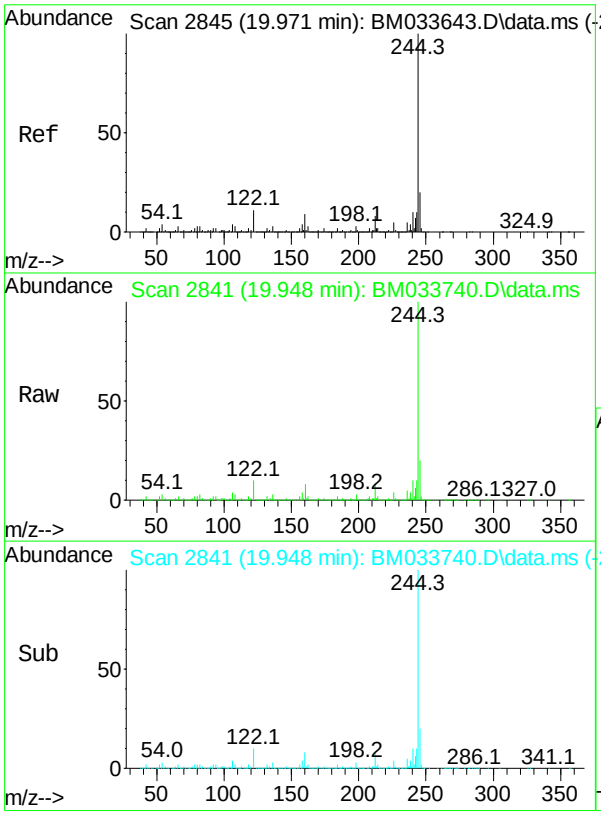


#78
Pyrene
Concen: 10.116 ng
RT: 19.742 min Scan# 2806
Delta R.T. -0.012 min
Lab File: BM033740.D
Acq: 14 Jan 2022 22:23

Tgt Ion:202 Resp: 444518

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.4	24.6
203	18.5	13.5	20.3



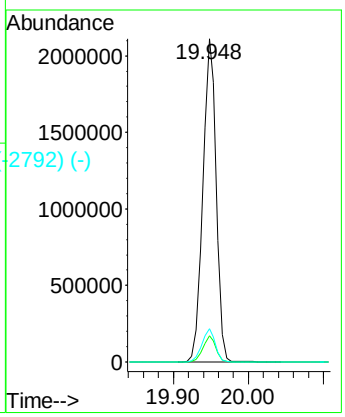


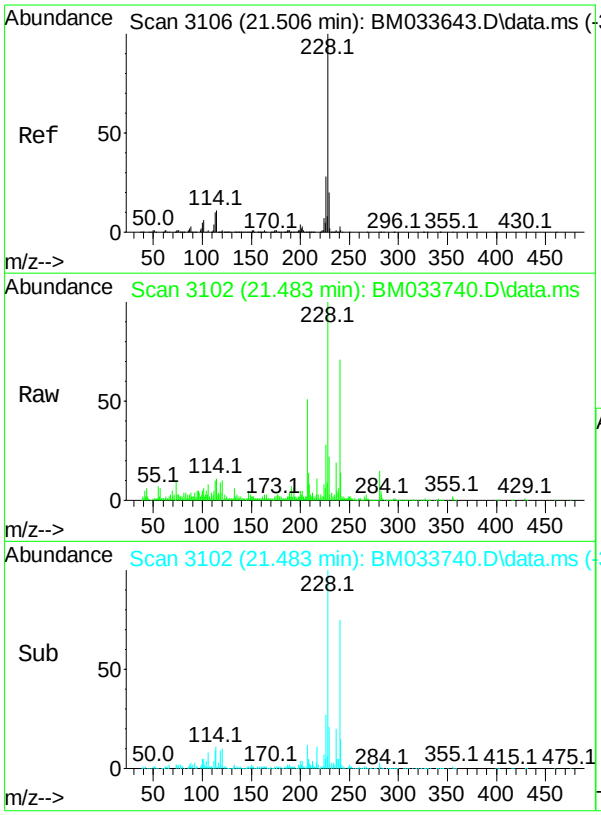
#79
Terphenyl-d14
Concen: 75.971 ng
RT: 19.948 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM033740.D
Acq: 14 Jan 2022 22:23

Instrument :
BNA_M
ClientSampleId :
RO-ETGI-352

Tgt Ion:244 Resp: 2634191

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.9	8.9
122	10.4	8.4	12.6

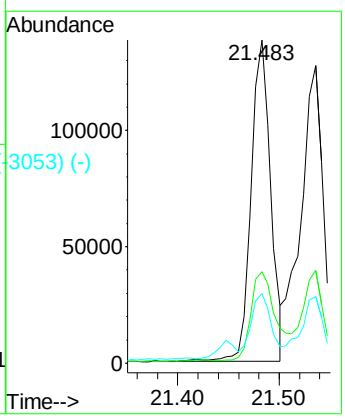


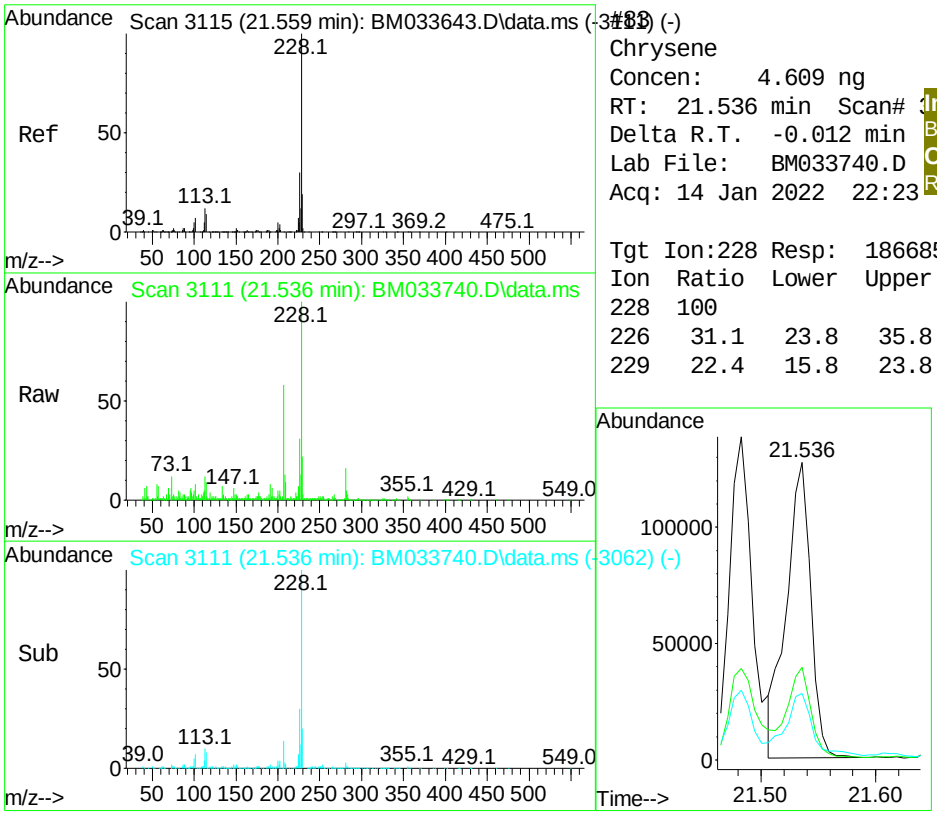


#81
Benzo(a)anthracene
Concen: 4.386 ng
RT: 21.483 min Scan# 3102
Delta R.T. -0.012 min
Lab File: BM033740.D
Acq: 14 Jan 2022 22:23

Tgt Ion:228 Resp: 185629

Ion	Ratio	Lower	Upper
228	100		
226	28.4	21.0	31.6
229	21.6	15.5	23.3



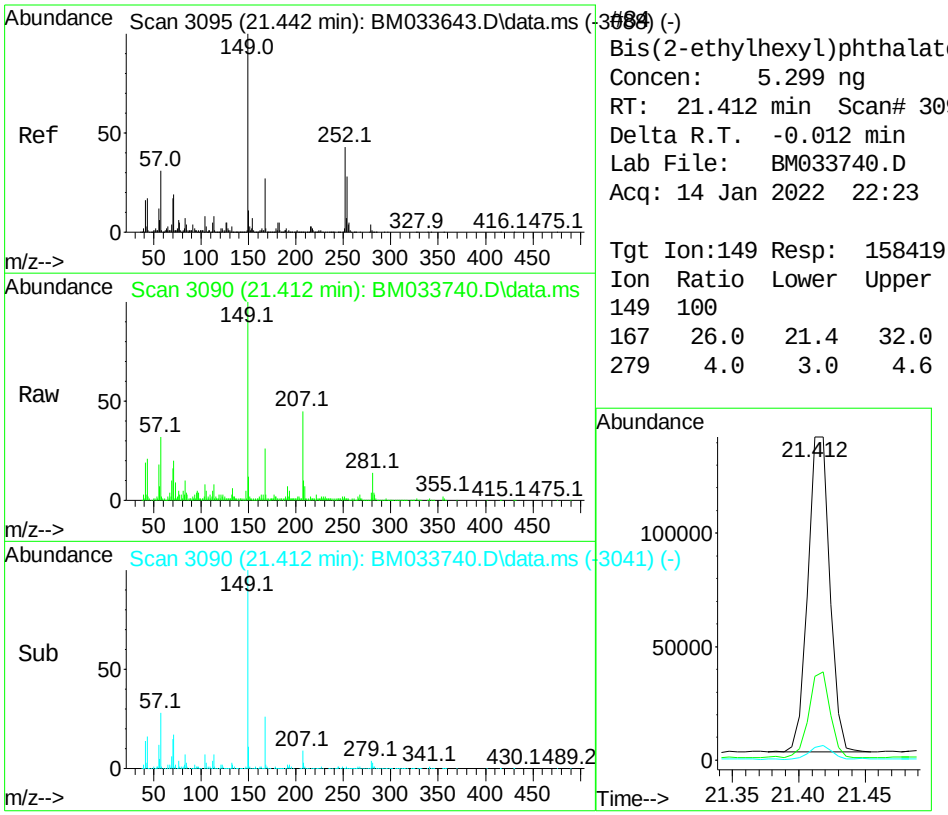


#83
Chrysene
Concen: 4.609 ng
RT: 21.536 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM033740.D
Acq: 14 Jan 2022 22:23

Instrument :
BNA_M
ClientSampleId :
RO-ETGI-352

Tgt Ion:228 Resp: 186685

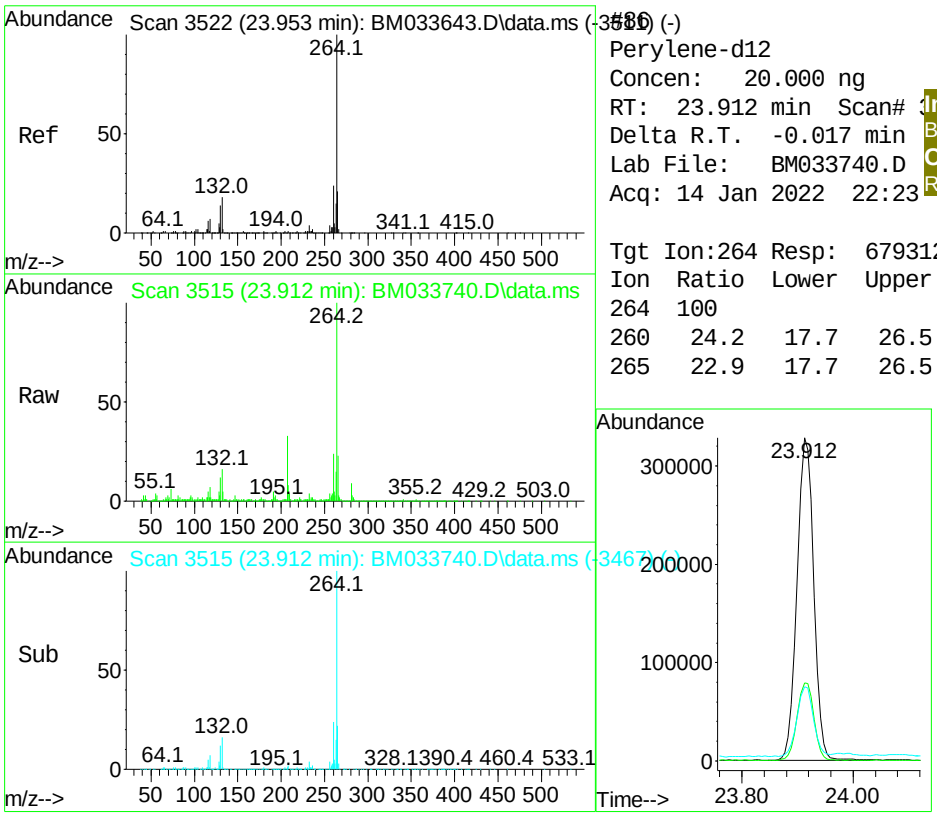
Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.8	35.8
229	22.4	15.8	23.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 5.299 ng
RT: 21.412 min Scan# 3090
Delta R.T. -0.012 min
Lab File: BM033740.D
Acq: 14 Jan 2022 22:23

Tgt Ion:149 Resp: 158419

Ion	Ratio	Lower	Upper
149	100		
167	26.0	21.4	32.0
279	4.0	3.0	4.6

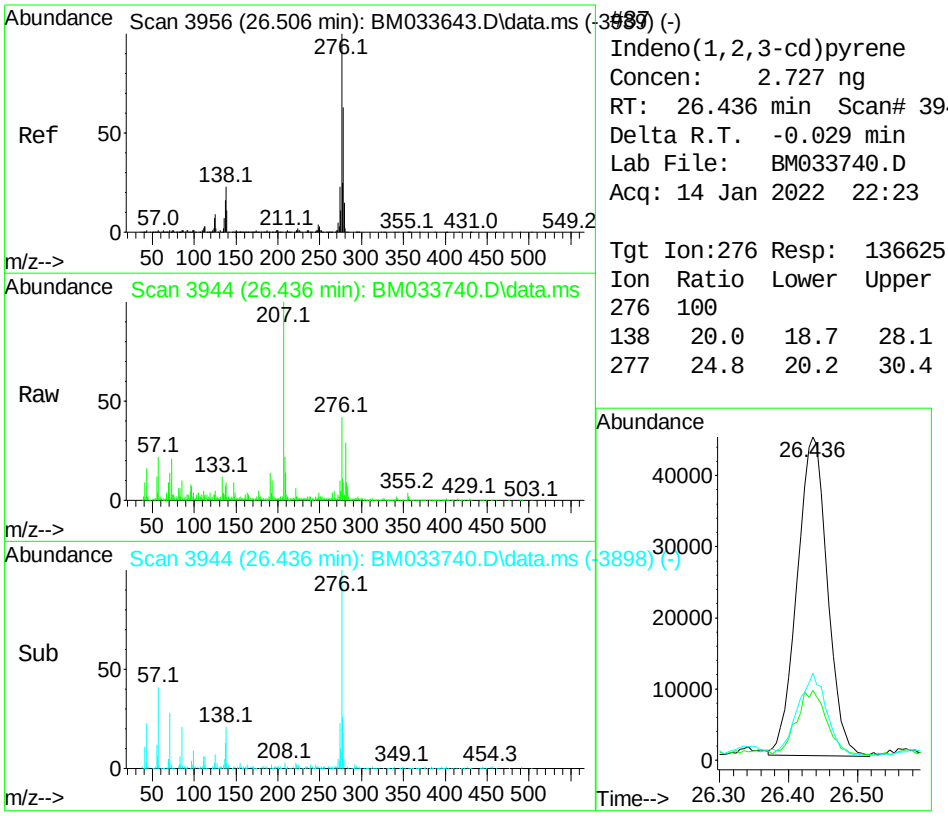


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.912 min Scan# 3
Delta R.T. -0.017 min
Lab File: BM033740.D
Acq: 14 Jan 2022 22:23

Instrument :
BNA_M
ClientSampleId :
RO-ETGI-352

Tgt Ion:264 Resp: 679312

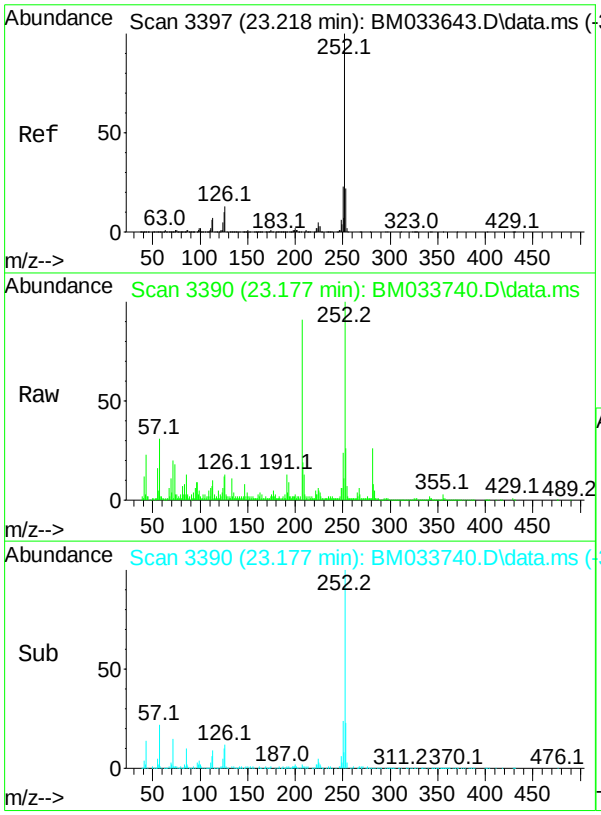
Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.7	26.5
265	22.9	17.7	26.5



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.727 ng
RT: 26.436 min Scan# 3944
Delta R.T. -0.029 min
Lab File: BM033740.D
Acq: 14 Jan 2022 22:23

Tgt Ion:276 Resp: 136625

Ion	Ratio	Lower	Upper
276	100		
138	20.0	18.7	28.1
277	24.8	20.2	30.4

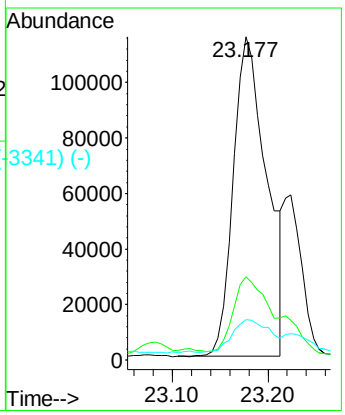


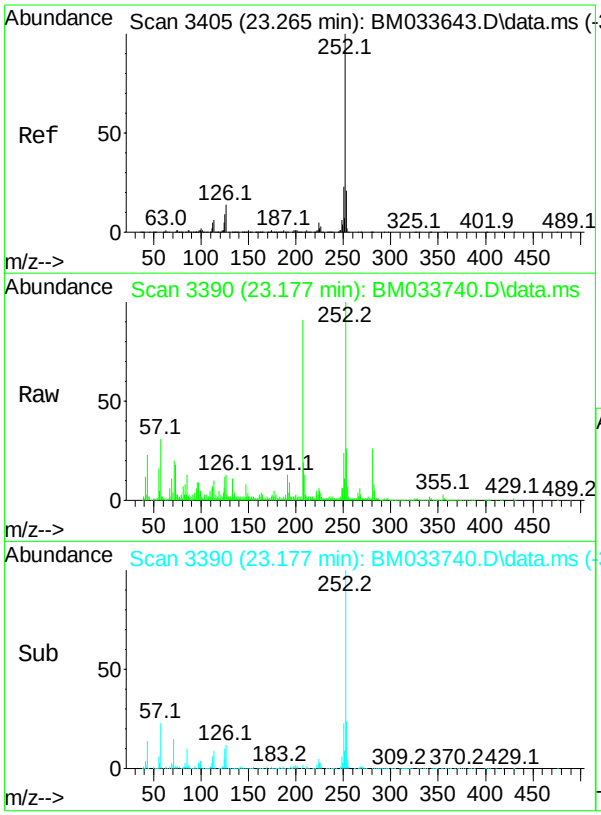
#88
Benzo(b)fluoranthene
Concen: 6.450 ng
RT: 23.177 min Scan# 3390
Delta R.T. -0.012 min
Lab File: BM033740.D
Acq: 14 Jan 2022 22:23

Instrument :
BNA_M
ClientSampleId :
RO-ETGI-352

Tgt Ion:252 Resp: 279334

Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.1	25.7#
125	12.4	7.4	11.2#

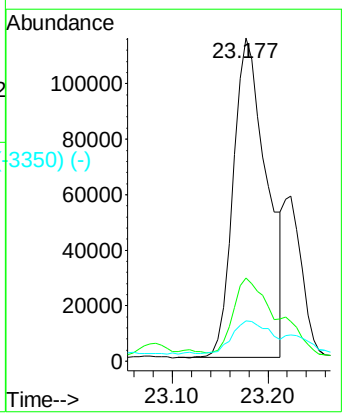


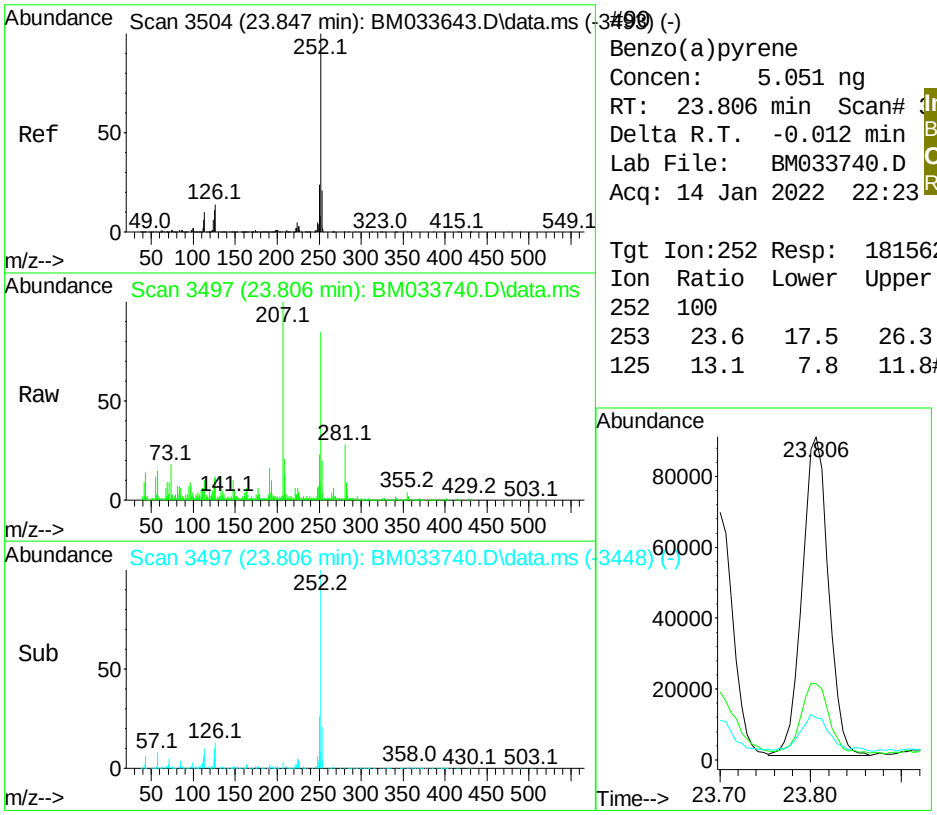


#89
Benzo(k)fluoranthene
Concen: 6.655 ng
RT: 23.177 min Scan# 3390
Delta R.T. -0.064 min
Lab File: BM033740.D
Acq: 14 Jan 2022 22:23

Tgt Ion:252 Resp: 279334

Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.8	26.8
125	12.4	8.1	12.1#



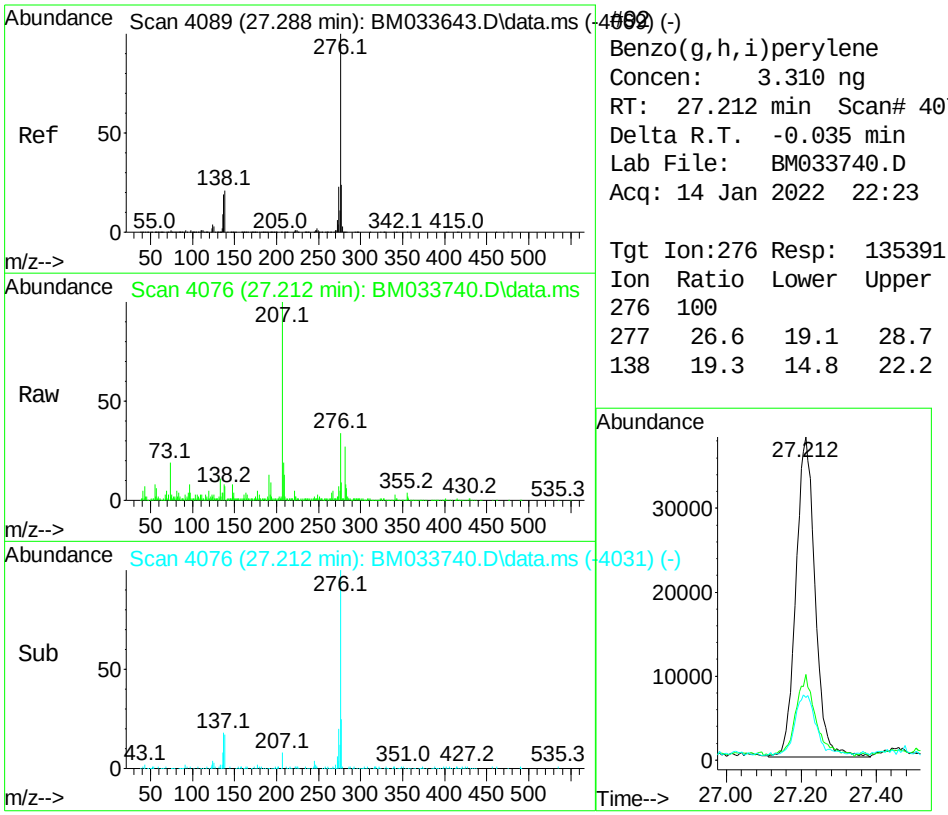


#99
Benzo(a)pyrene
Concen: 5.051 ng
RT: 23.806 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM033740.D
Acq: 14 Jan 2022 22:23

Instrument :
BNA_M
ClientSampleId :
RO-ETGI-352

Tgt Ion:252 Resp: 181562

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.5	26.3
125	13.1	7.8	11.8#



#92
Benzo(g,h,i)perylene
Concen: 3.310 ng
RT: 27.212 min Scan# 4076
Delta R.T. -0.035 min
Lab File: BM033740.D
Acq: 14 Jan 2022 22:23

Tgt Ion:276 Resp: 135391

Ion	Ratio	Lower	Upper
276	100		
277	26.6	19.1	28.7
138	19.3	14.8	22.2