Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031521\
Data File : BM029141.D
Acq On : 15 Mar 2021 21:51
Operator : CG/JU
Sample : M1668-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CL-02-031221

Quant Time: Mar 16 00:30:57 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 12 12:30:15 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.610	152	9356	20.00	ng		-0.01
21) Naphthalene-d8	10.404	136	36694	20.00	ng		#-0.01
39) Acenaphthene-d10	14.286	164	21493	20.00	ng		-0.01
64) Phenanthrene-d10	17.033	188	44031	20.00	ng		-0.01
76) Chrysene-d12	21.215	240	43351	20.00	ng		#-0.01
86) Perylene-d12	23.356	264	44132	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.205	112	10320	18.28	ng		0.00
7) Phenol-d6	6.834	99	12536	16.81	ng		0.01
23) Nitrobenzene-d5	8.787	82	8159	12.00	ng		-0.01
42) 2,4,6-Tribromophenol	15.792	330	4238	16.64	ng		0.00
45) 2-Fluorobiphenyl	12.892	172	18570	11.50	ng		-0.01
79) Terphenyl-d14	19.663	244	26436	11.26	ng		-0.01
Target Compounds							Qvalue
71) Phenanthrene	17.080	178	19697	7.51	ng		98
72) Anthracene	17.169	178	5352	2.06	ng		99
75) Fluoranthene	19.098	202	24634	8.55	ng		98
78) Pyrene	19.463	202	22586	7.09	ng		99
81) Benzo(a)anthracene	21.204	228	10785	3.58	ng		99
83) Chrysene	21.251	228	10035	3.42	ng		96
88) Benzo(b)fluoranthene	22.721	252	12848	4.12	ng	#	93
89) Benzo(k)fluoranthene	22.721	252	12848	4.34	ng	#	93
90) Benzo(a)pyrene	23.268	252	9990	3.51	ng	#	93
92) Benzo(g,h,i)perylene	26.133	276	6174	2.21	ng	#	96

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

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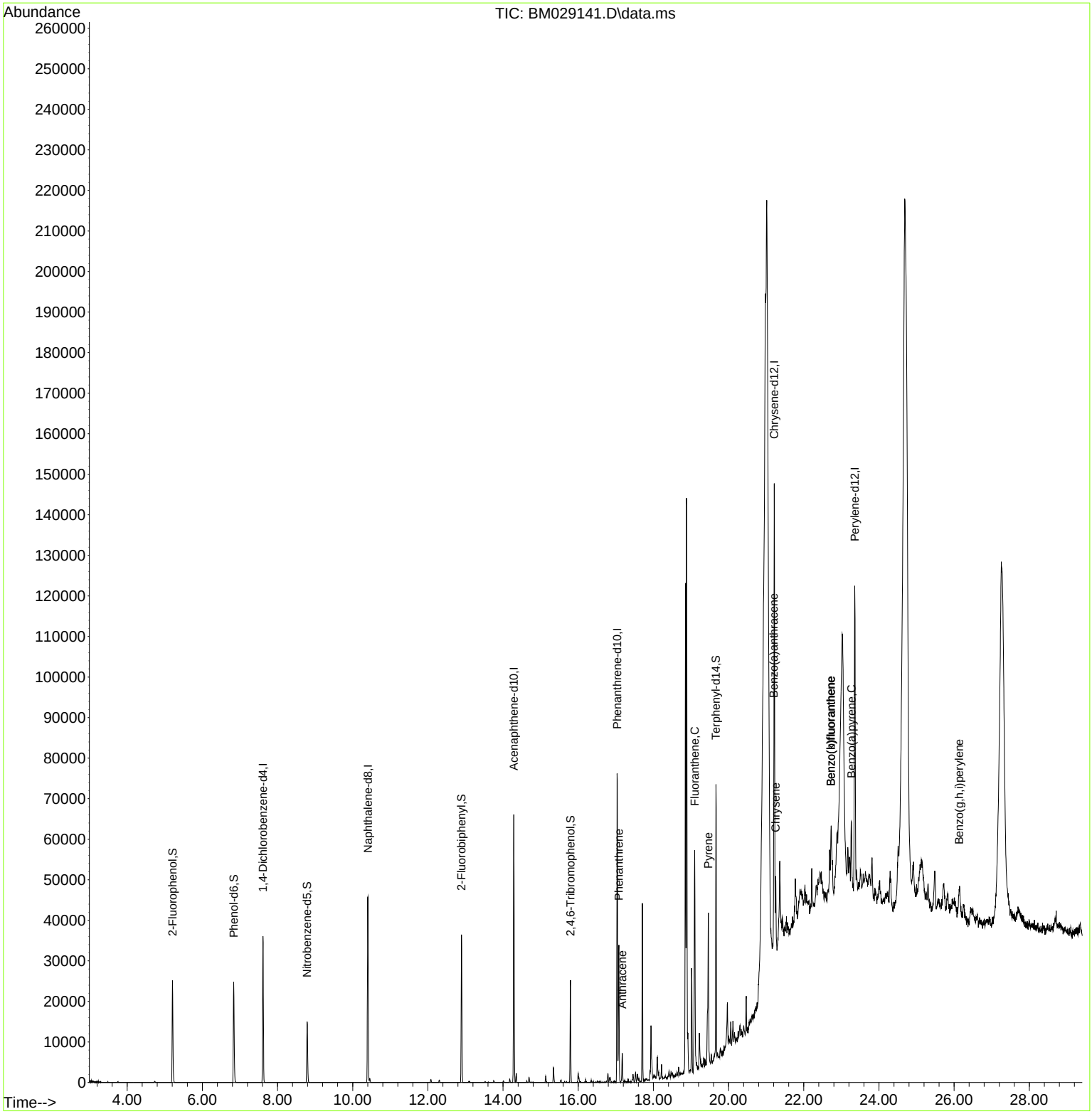
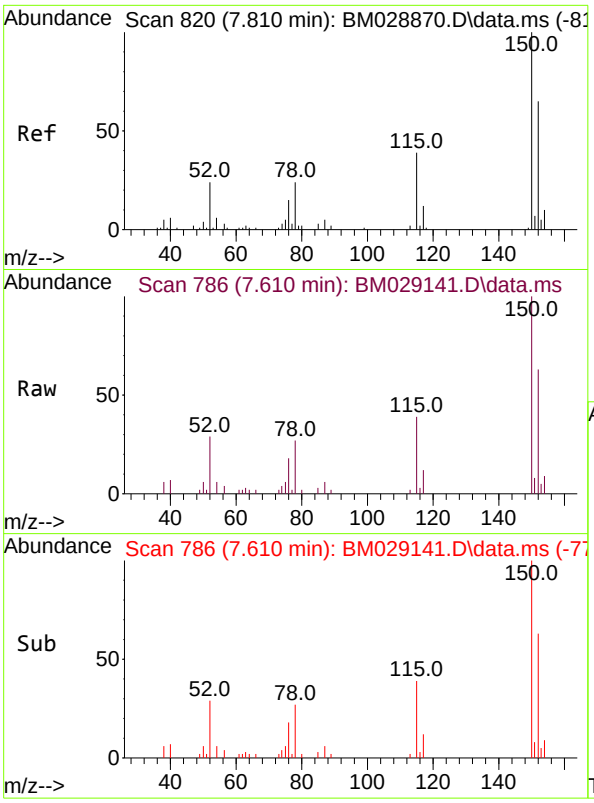
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CL-02-031221

Quant Time: Mar 16 00:30:57 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 12 12:30:15 2021
Response via : Initial Calibration

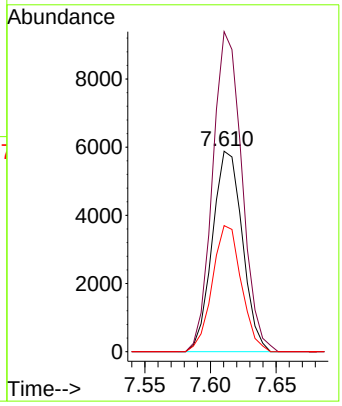




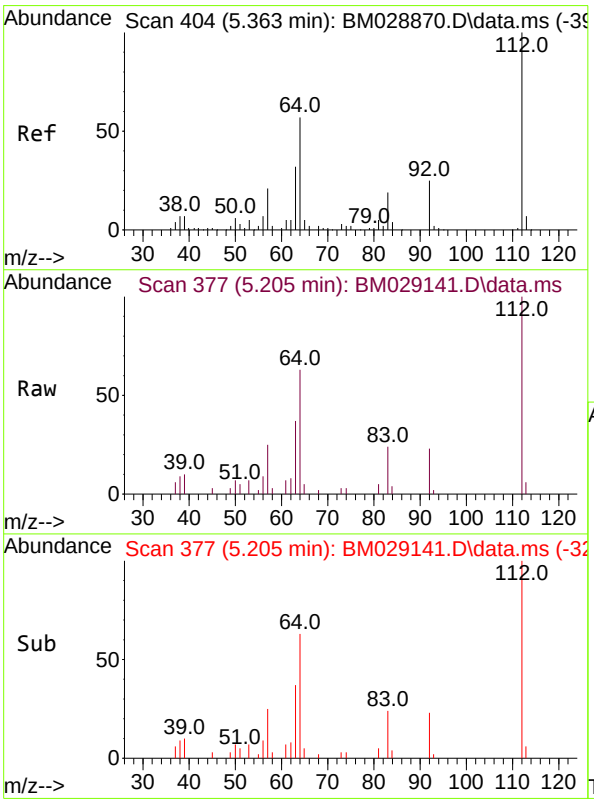
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.610 min Scan# 786
Delta R.T. -0.012 min
Lab File: BM029141.D
Acq: 15 Mar 2021 21:51

Tgt Ion:152 Resp: 9356

Ion	Ratio	Lower	Upper
152	100		
150	159.6	120.6	181.0
115	62.9	47.2	70.8



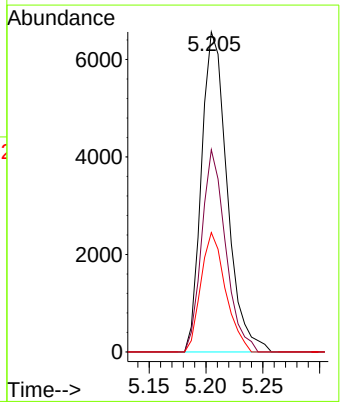
Instrument :
BNA_M
ClientSampleId :
CL-02-031221



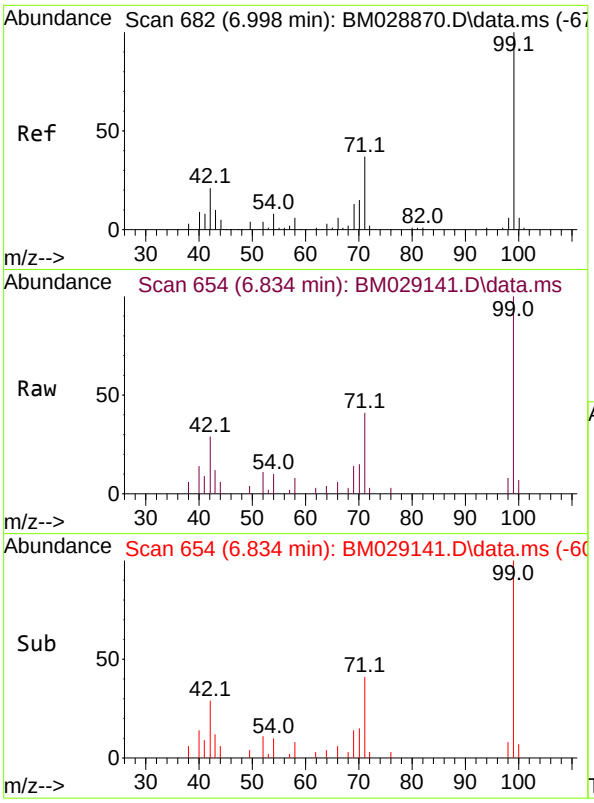
#5
2-Fluorophenol
Concen: 18.28 ng
RT: 5.205 min Scan# 377
Delta R.T. 0.006 min
Lab File: BM029141.D
Acq: 15 Mar 2021 21:51

Tgt Ion:112 Resp: 10320

Ion	Ratio	Lower	Upper
112	100		
64	63.2	50.6	76.0
63	37.3	31.0	46.6



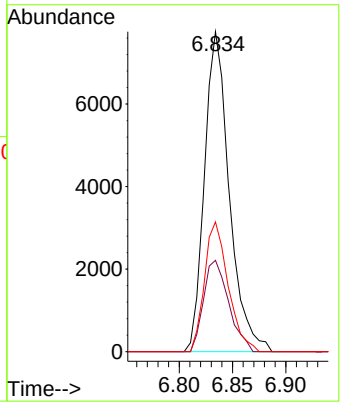
Instrument :
BNA_M
ClientSampleId :
CL-02-031221

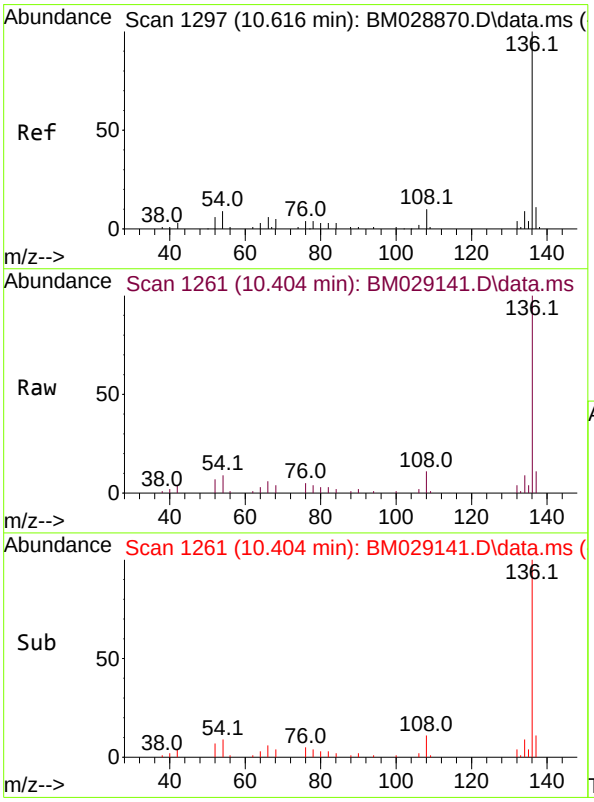


#7
Phenol-d6
Concen: 16.81 ng
RT: 6.834 min Scan# 654
Delta R.T. 0.012 min
Lab File: BM029141.D
Acq: 15 Mar 2021 21:51

Tgt Ion: 99 Resp: 12536

Ion	Ratio	Lower	Upper
99	100		
42	28.5	13.5	20.3#
71	40.5	39.4	59.0

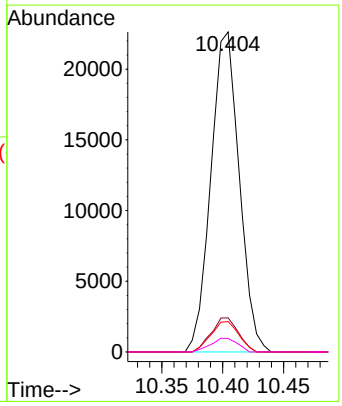




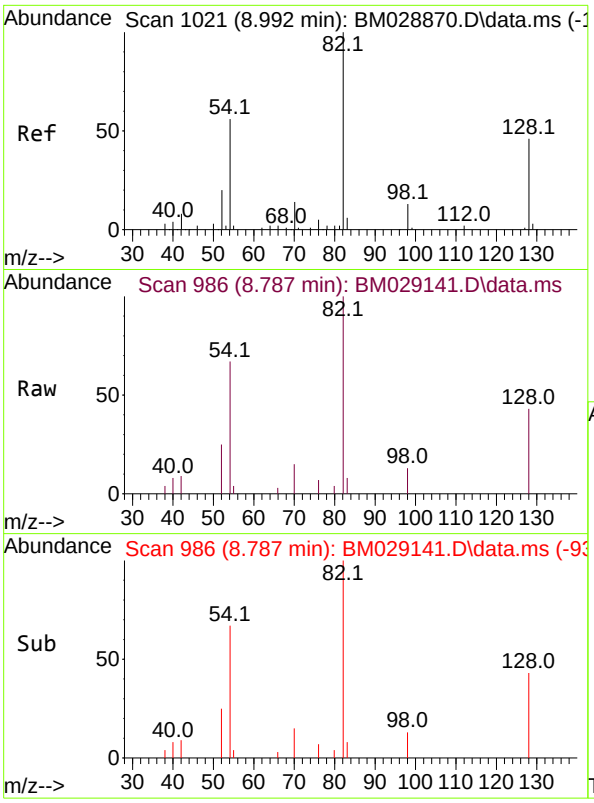
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.404 min Scan# 1261
Delta R.T. -0.011 min
Lab File: BM029141.D
Acq: 15 Mar 2021 21:51

Tgt Ion:136 Resp: 36694

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	12.8
54	9.5	4.6	7.0#
68	4.2	4.1	6.1



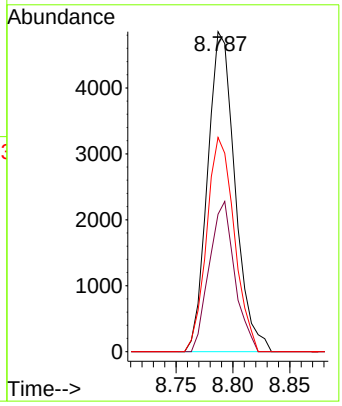
Instrument :
BNA_M
ClientSampleId :
CL-02-031221

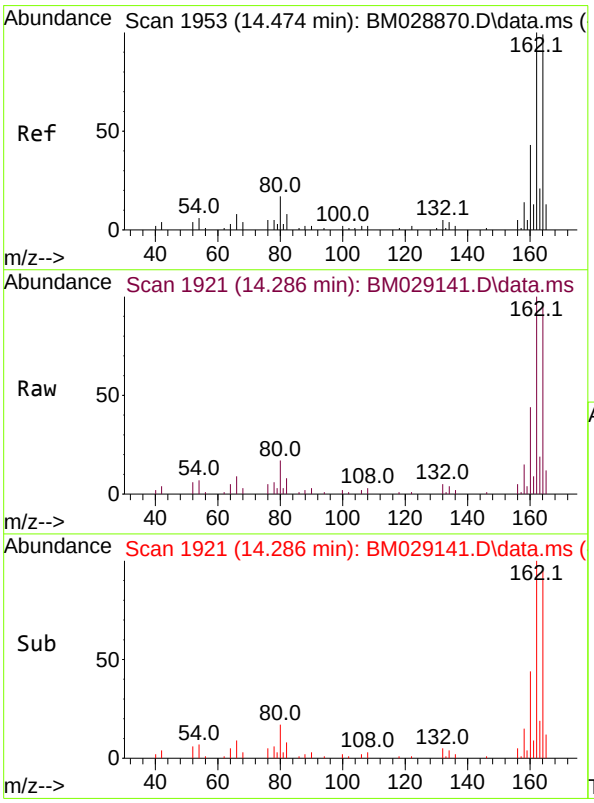


#23
Nitrobenzene-d5
Concen: 12.00 ng
RT: 8.787 min Scan# 986
Delta R.T. -0.011 min
Lab File: BM029141.D
Acq: 15 Mar 2021 21:51

Tgt Ion: 82 Resp: 8159

Ion	Ratio	Lower	Upper
82	100		
128	42.9	27.4	41.0#
54	66.9	31.4	47.0#

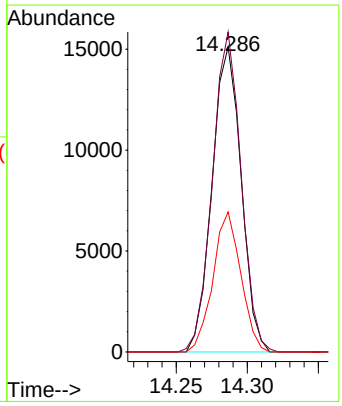




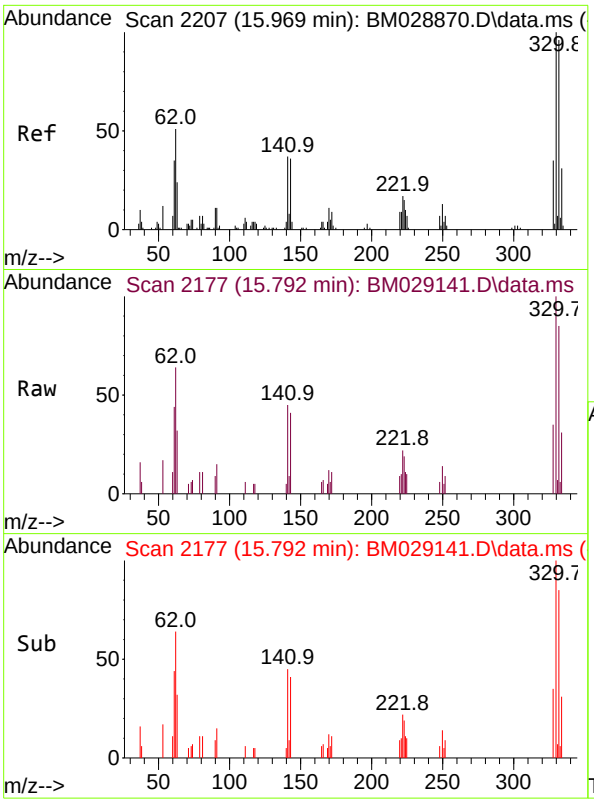
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.286 min Scan# 1921
Delta R.T. -0.011 min
Lab File: BM029141.D
Acq: 15 Mar 2021 21:51

Tgt Ion:164 Resp: 21493

Ion	Ratio	Lower	Upper
164	100		
162	104.9	80.4	120.6
160	45.9	35.9	53.9



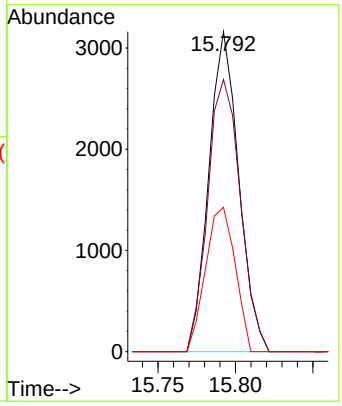
Instrument :
BNA_M
ClientSampleId :
CL-02-031221

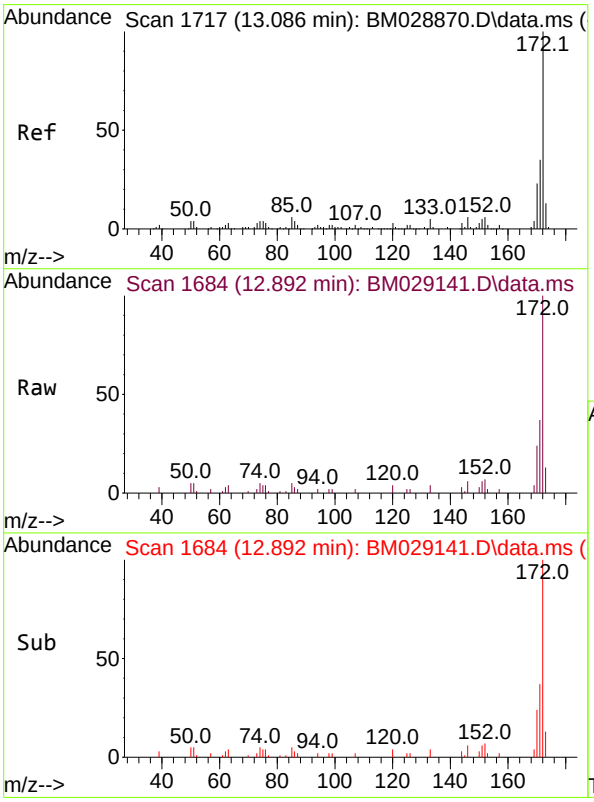


#42
2,4,6-Tribromophenol
Concen: 16.64 ng
RT: 15.792 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BM029141.D
Acq: 15 Mar 2021 21:51

Tgt Ion:330 Resp: 4238

Ion	Ratio	Lower	Upper
330	100		
332	92.8	77.8	116.8
141	44.6	28.4	42.6#

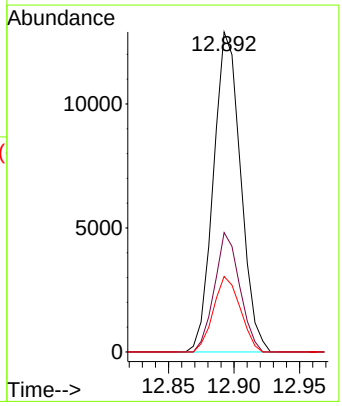


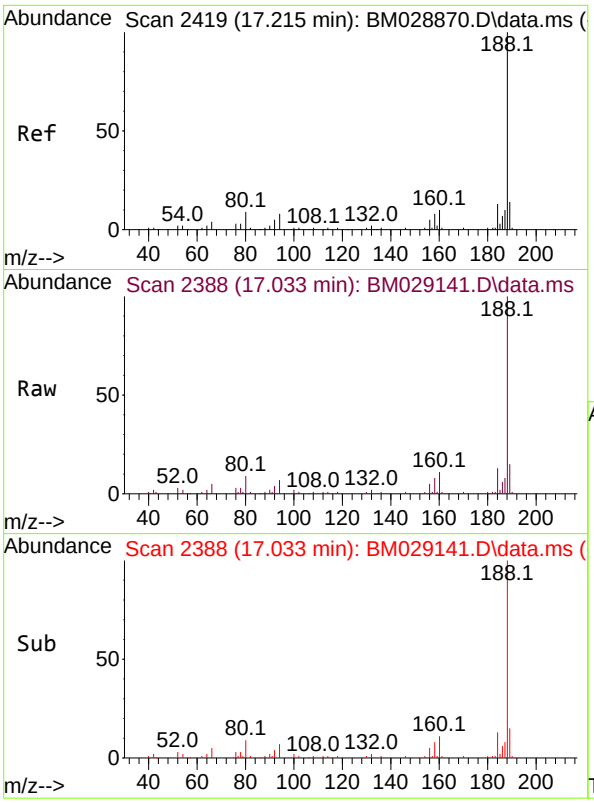


#45
2-Fluorobiphenyl
Concen: 11.50 ng
RT: 12.892 min Scan# 1684
Delta R.T. -0.011 min
Lab File: BM029141.D
Acq: 15 Mar 2021 21:51

Tgt Ion:172 Resp: 18570

Ion	Ratio	Lower	Upper
172	100		
171	37.3	27.8	41.8
170	23.6	18.6	27.8

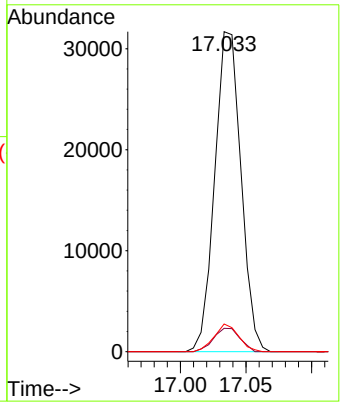




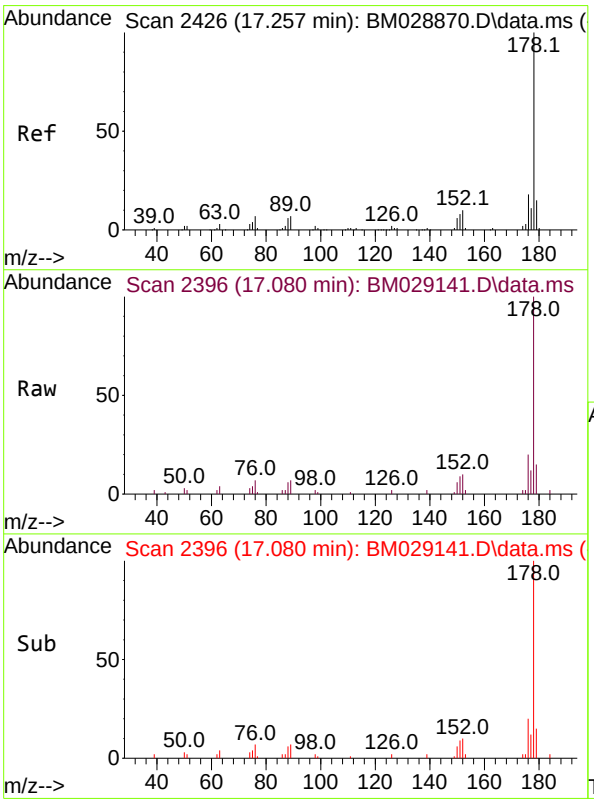
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.033 min Scan# 2388
Delta R.T. -0.011 min
Lab File: BM029141.D
Acq: 15 Mar 2021 21:51

Tgt Ion:188 Resp: 44031

Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.2	9.4
80	8.6	7.5	11.3



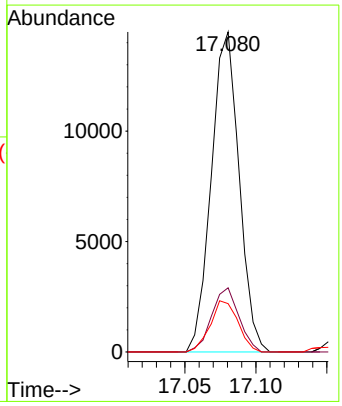
Instrument :
BNA_M
ClientSampleId :
CL-02-031221

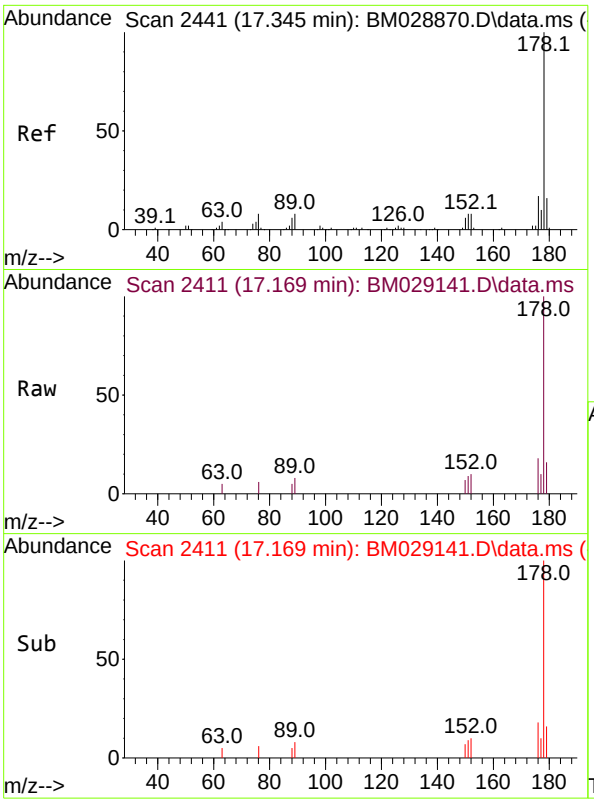


#71
Phenanthrene
Concen: 7.51 ng
RT: 17.080 min Scan# 2396
Delta R.T. -0.006 min
Lab File: BM029141.D
Acq: 15 Mar 2021 21:51

Tgt Ion:178 Resp: 19697

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.0	22.6
179	15.1	12.2	18.4

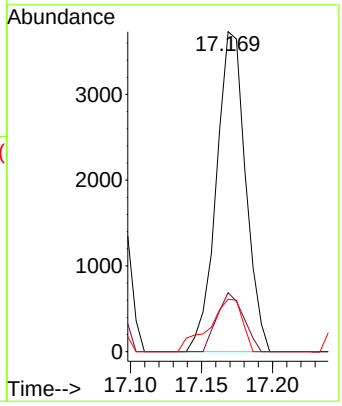


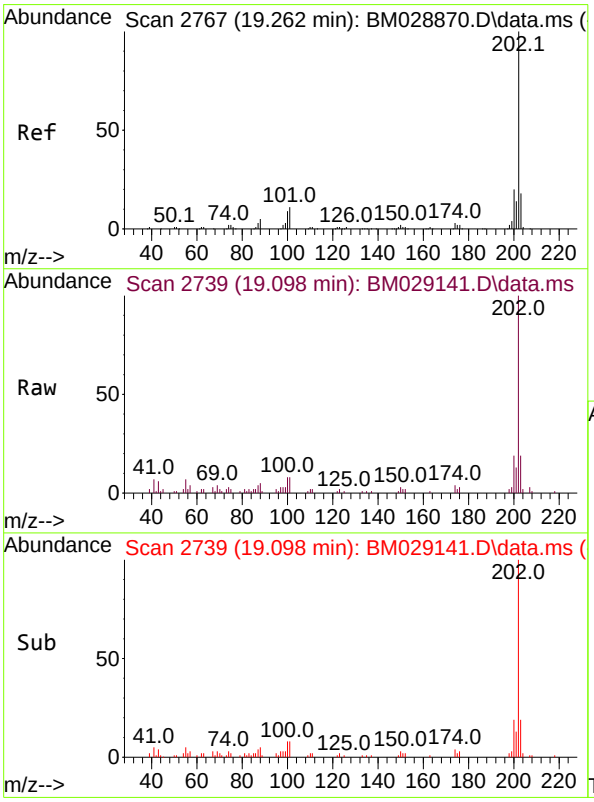


#72
Anthracene
Concen: 2.06 ng
RT: 17.169 min Scan# 2411
Delta R.T. -0.011 min
Lab File: BM029141.D
Acq: 15 Mar 2021 21:51

Tgt Ion:178 Resp: 5352

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.4
179	16.4	12.5	18.7

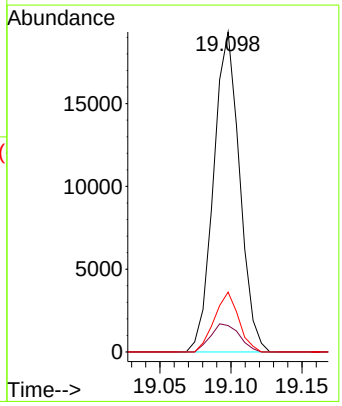




#75
Fluoranthene
Concen: 8.55 ng
RT: 19.098 min Scan# 2739
Delta R.T. -0.006 min
Lab File: BM029141.D
Acq: 15 Mar 2021 21:51

Tgt Ion:202 Resp: 24634

Ion	Ratio	Lower	Upper
202	100		
101	8.3	0.0	28.5
203	18.7	0.0	37.3



Instrument :
BNA_M
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CL-02-031221

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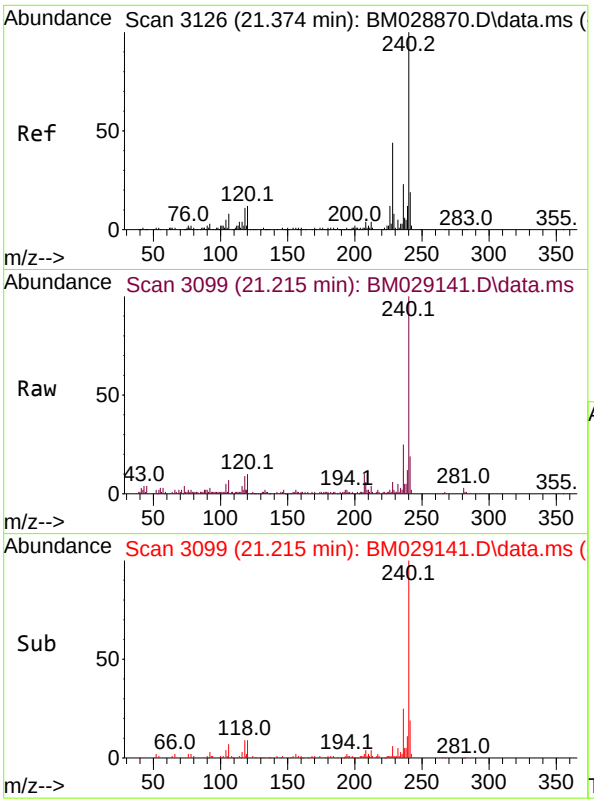
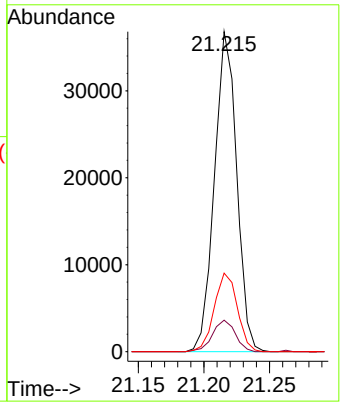
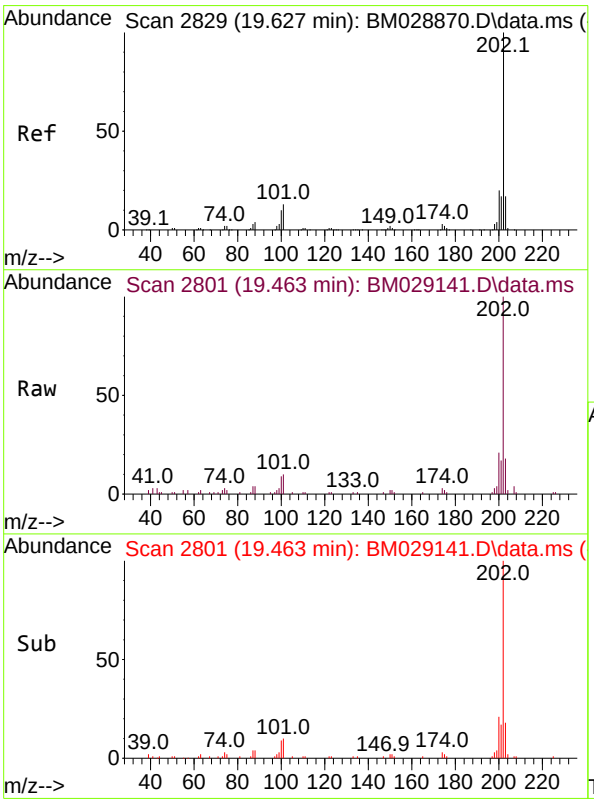


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.215 min Scan# 3099
Delta R.T. -0.011 min
Lab File: BM029141.D
Acq: 15 Mar 2021 21:51

Tgt Ion:240 Resp: 43351

Ion	Ratio	Lower	Upper
240	100		
120	9.9	6.4	9.6#
236	24.6	20.1	30.1

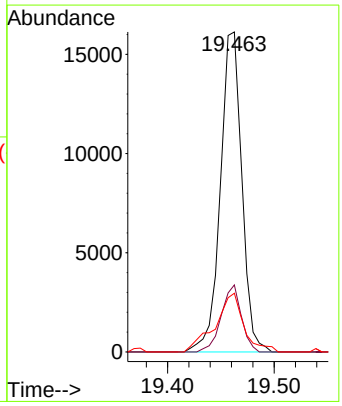




#78
Pyrene
Concen: 7.09 ng
RT: 19.463 min Scan# 2801
Delta R.T. -0.006 min
Lab File: BM029141.D
Acq: 15 Mar 2021 21:51

Tgt Ion:202 Resp: 22586

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	24.8
203	18.4	13.8	20.6



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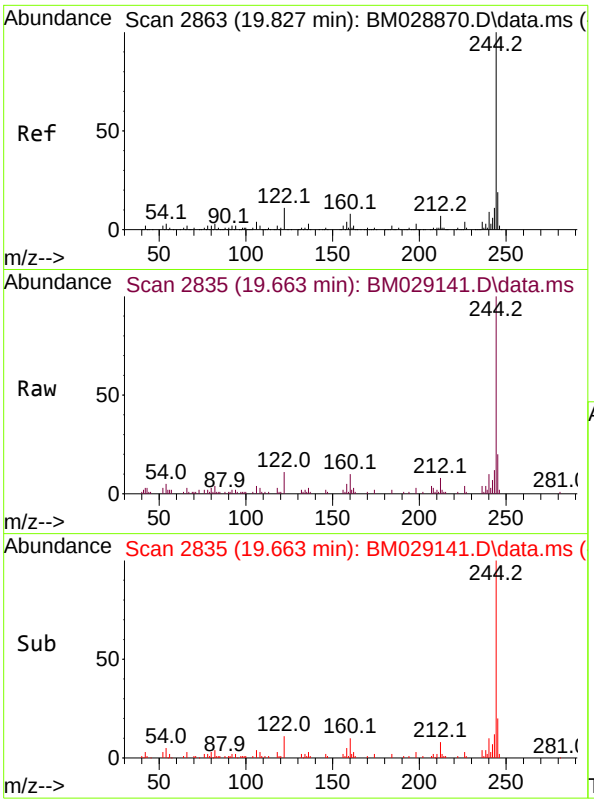
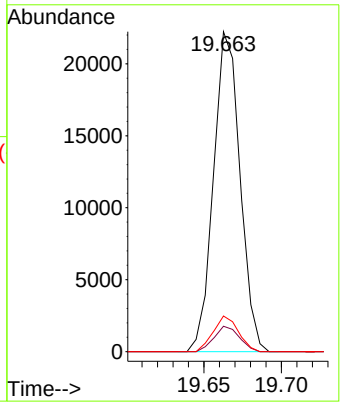
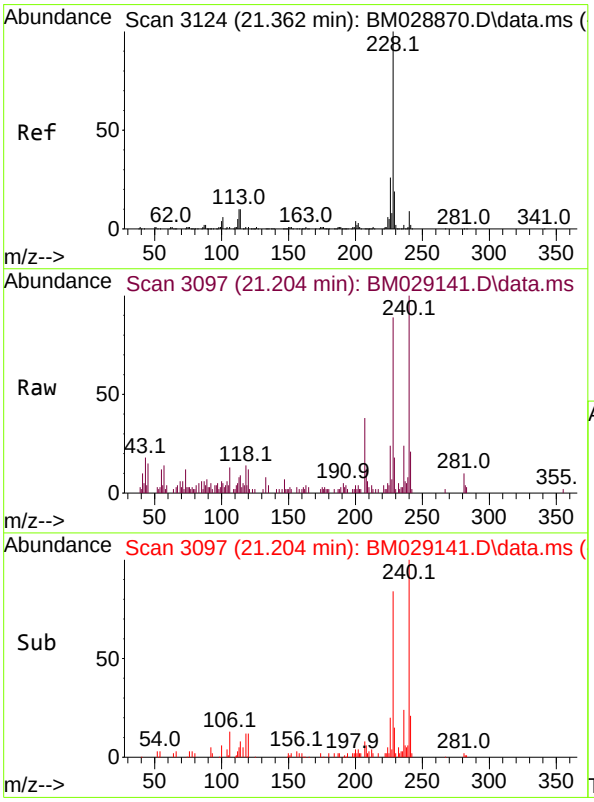


#79
Terphenyl-d14
Concen: 11.26 ng
RT: 19.663 min Scan# 2835
Delta R.T. -0.011 min
Lab File: BM029141.D
Acq: 15 Mar 2021 21:51

Tgt Ion:244 Resp: 26436

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.8	8.8
122	11.1	6.5	9.7#

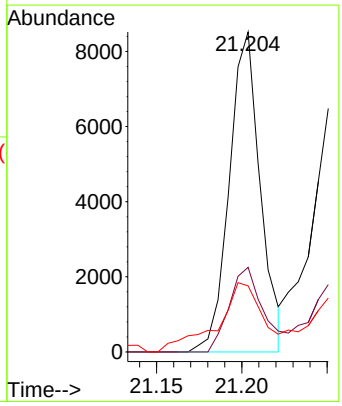




#81
Benzo(a)anthracene
Concen: 3.58 ng
RT: 21.204 min Scan# 3097
Delta R.T. -0.006 min
Lab File: BM029141.D
Acq: 15 Mar 2021 21:51

Tgt Ion:228 Resp: 10785

Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.1	31.7
229	20.6	15.7	23.5



Instrument :
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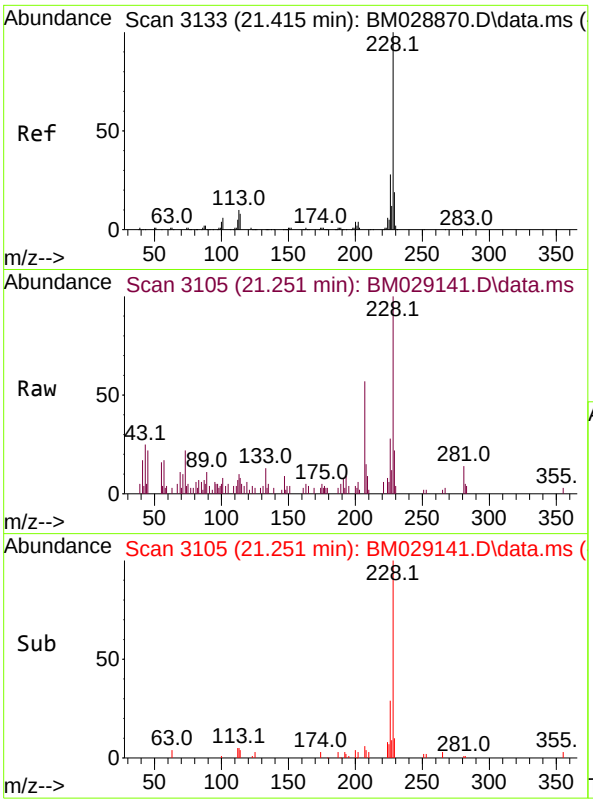
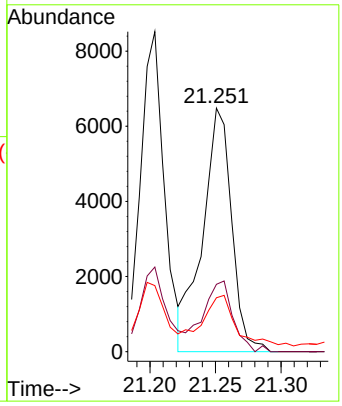
CL-02-031221

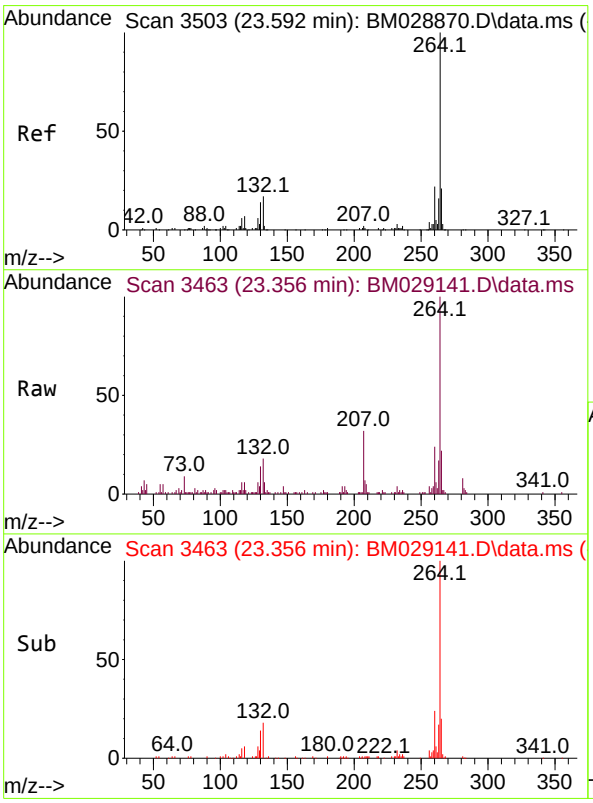


#83
Chrysene
Concen: 3.42 ng
RT: 21.251 min Scan# 3105
Delta R.T. -0.011 min
Lab File: BM029141.D
Acq: 15 Mar 2021 21:51

Tgt Ion:228 Resp: 10035

Ion	Ratio	Lower	Upper
228	100		
226	27.7	23.4	35.0
229	22.1	15.7	23.5

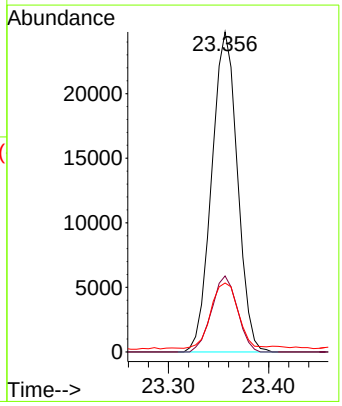




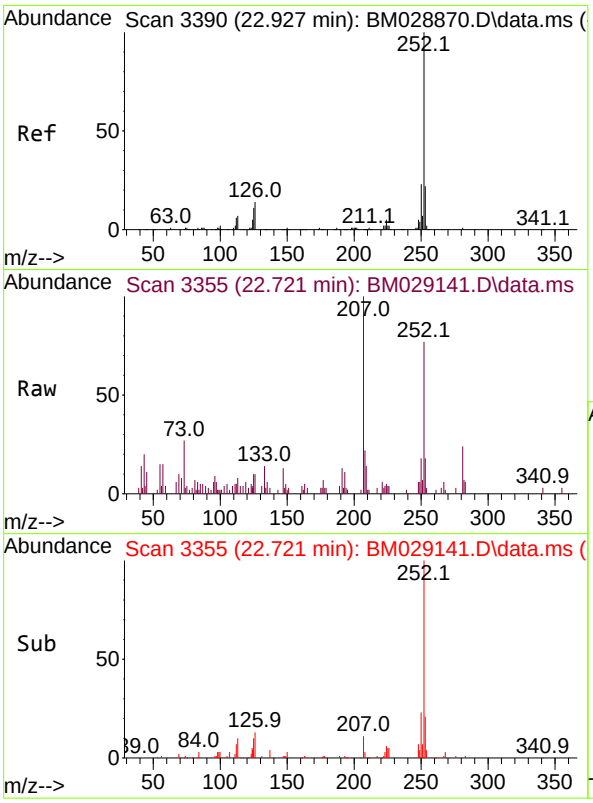
#86
Perylene-d12
Concen: 20.00 ng
RT: 23.356 min Scan# 3463
Delta R.T. -0.011 min
Lab File: BM029141.D
Acq: 15 Mar 2021 21:51

Tgt Ion:264 Resp: 44132

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.4
265	21.5	17.7	26.5



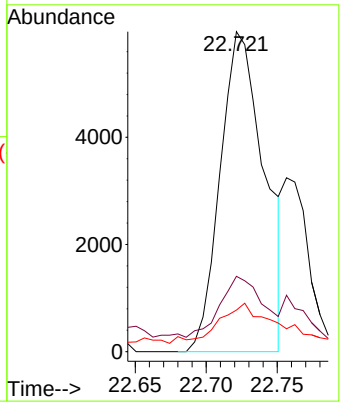
Instrument :
BNA_M
ClientSampleId :
CL-02-031221

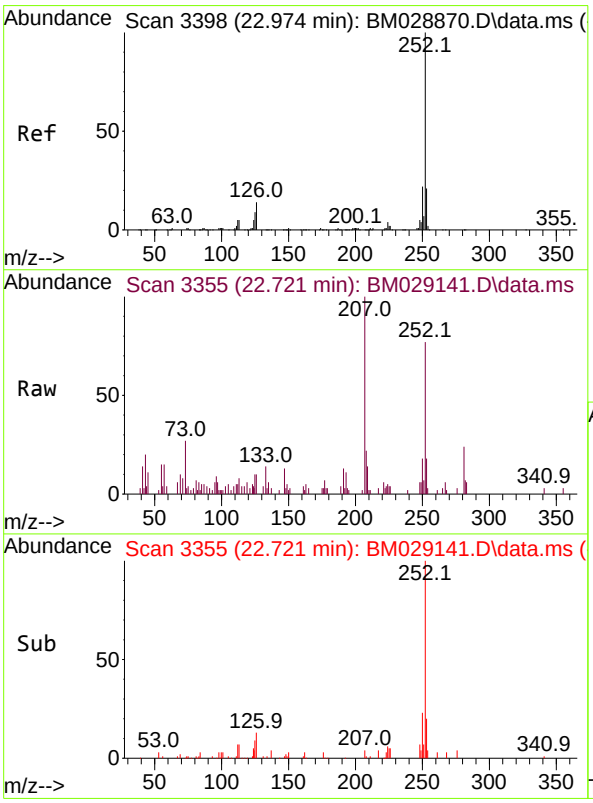


#88
Benzo(b)fluoranthene
Concen: 4.12 ng
RT: 22.721 min Scan# 3355
Delta R.T. -0.011 min
Lab File: BM029141.D
Acq: 15 Mar 2021 21:51

Tgt Ion:252 Resp: 12848

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.4	26.0
125	13.0	5.7	8.5#

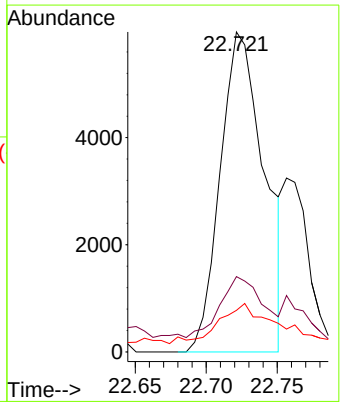




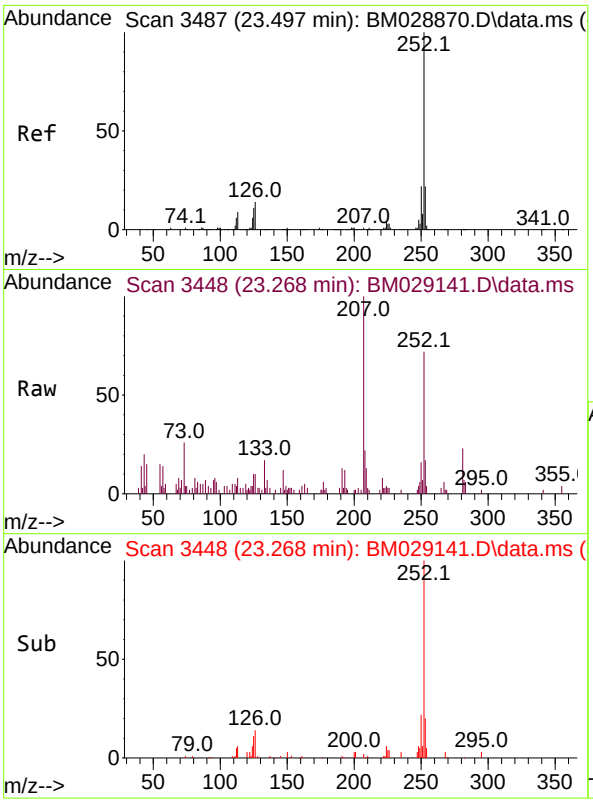
#89
Benzo(k)fluoranthene
Concen: 4.34 ng
RT: 22.721 min Scan# 3355
Delta R.T. -0.053 min
Lab File: BM029141.D
Acq: 15 Mar 2021 21:51

Tgt Ion:252 Resp: 12848

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.4	26.0
125	13.0	5.6	8.4#



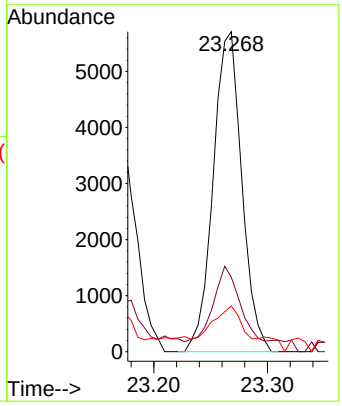
Instrument :
BNA_M
ClientSampleId :
CL-02-031221

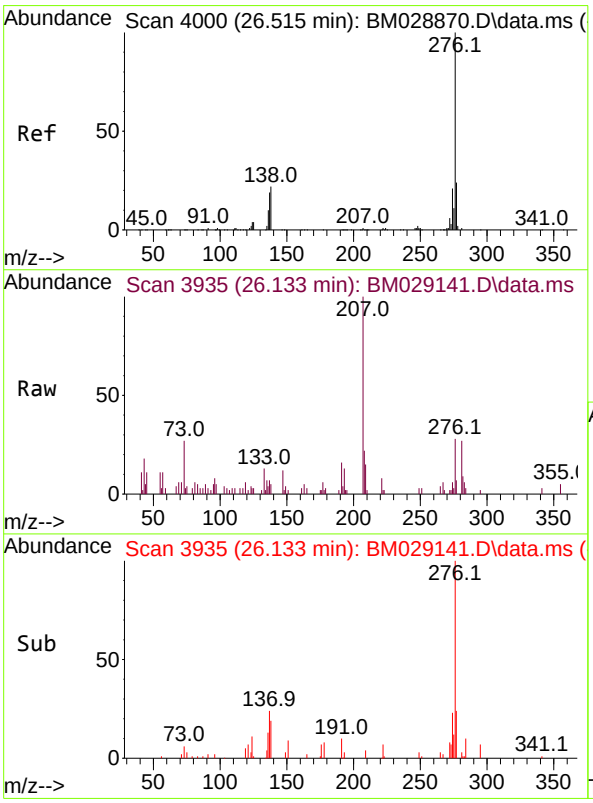


#90
Benzo(a)pyrene
Concen: 3.51 ng
RT: 23.268 min Scan# 3448
Delta R.T. -0.011 min
Lab File: BM029141.D
Acq: 15 Mar 2021 21:51

Tgt Ion:252 Resp: 9990

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.2
125	14.3	6.6	9.8#





#92
Benzo(g,h,i)perylene
Concen: 2.21 ng
RT: 26.133 min Scan# 3935
Delta R.T. -0.023 min
Lab File: BM029141.D
Acq: 15 Mar 2021 21:51

Tgt Ion:276 Resp: 6174

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.6	28.0
138	18.9	12.2	18.2#