Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043021\
Data File : BM029741.D
Acq On : 30 Apr 2021 22:15
Operator : CG/JU
Sample : M2225-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HD-02-042921

Quant Time: Apr 30 23:09:13 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM043021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 29 17:34:54 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.592	152	74280	20.00	ng		0.00
21) Naphthalene-d8	10.369	136	260996	20.00	ng		# 0.00
39) Acenaphthene-d10	14.239	164	183753	20.00	ng		0.00
64) Phenanthrene-d10	16.986	188	413157	20.00	ng		# 0.00
76) Chrysene-d12	21.168	240	479575	20.00	ng		-0.01
86) Perylene-d12	23.344	264	515510	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.192	112	58904	16.53	ng		0.00
7) Phenol-d6	6.781	99	68102	14.08	ng		0.00
23) Nitrobenzene-d5	8.745	82	45536	10.08	ng		0.00
42) 2,4,6-Tribromophenol	15.733	330	46247	15.85	ng		0.00
45) 2-Fluorobiphenyl	12.851	172	158725	11.20	ng		-0.01
79) Terphenyl-d14	19.621	244	259642	9.94	ng		0.00
Target Compounds							Qvalue
71) Phenanthrene	17.027	178	86192	3.70	ng		98
72) Anthracene	17.027	178	86192	3.73	ng		99
75) Fluoranthene	19.050	202	224918	7.87	ng		98
78) Pyrene	19.409	202	211545	6.88	ng		98
81) Benzo(a)anthracene	21.156	228	128616	4.12	ng		93
83) Chrysene	21.203	228	135075	4.36	ng		96
87) Indeno(1,2,3-cd)pyrene	25.521	276	100819	2.58	ng	#	92
88) Benzo(b)fluoranthene	22.697	252	261113	7.66	ng	#	92
89) Benzo(k)fluoranthene	22.697	252	261113	7.90	ng	#	92
90) Benzo(a)pyrene	23.250	252	131570	4.22	ng		96
92) Benzo(g,h,i)perylene	26.185	276	101463	3.19	ng		96

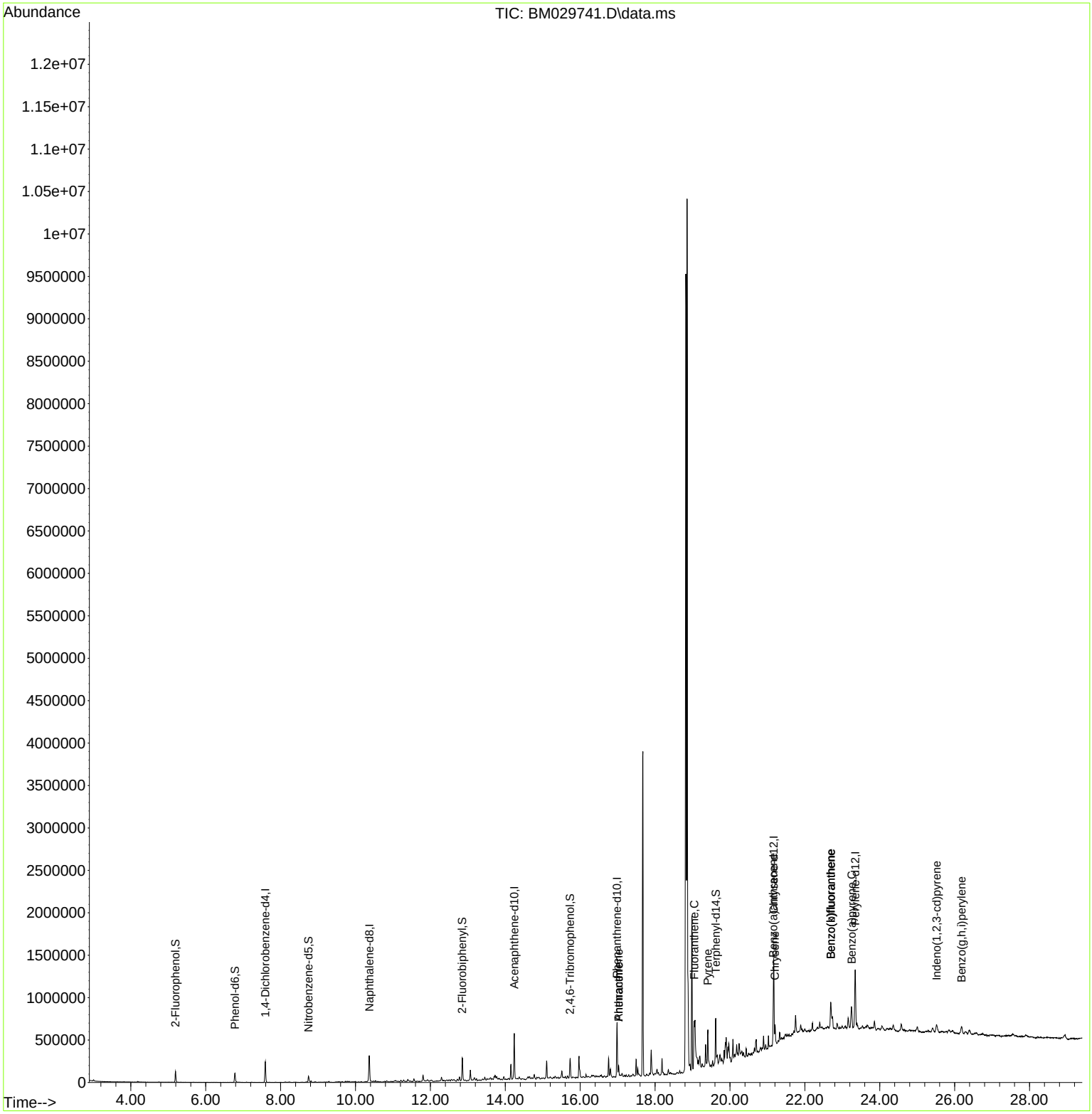
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

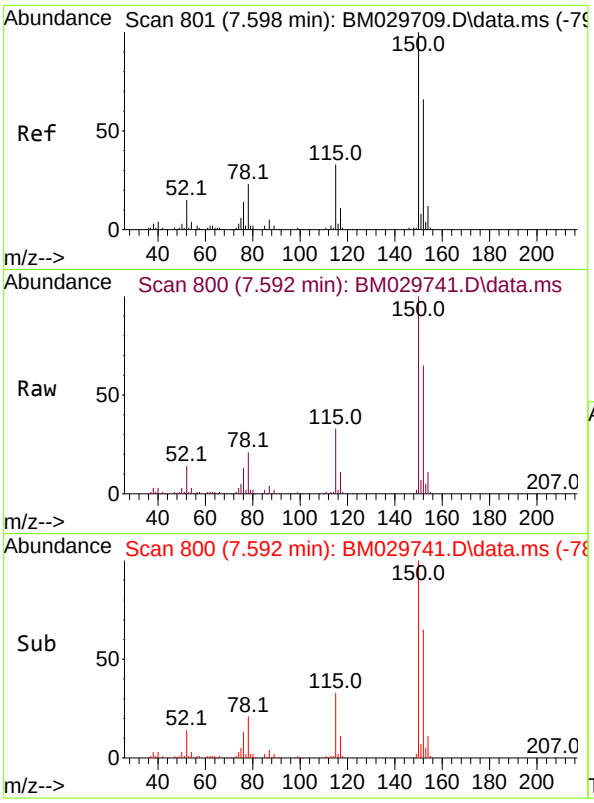
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043021\
Data File : BM029741.D
Acq On : 30 Apr 2021 22:15
Operator : CG/JU
Sample : M2225-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HD-02-042921

Quant Time: Apr 30 23:09:13 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM043021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 29 17:34:54 2021
Response via : Initial Calibration



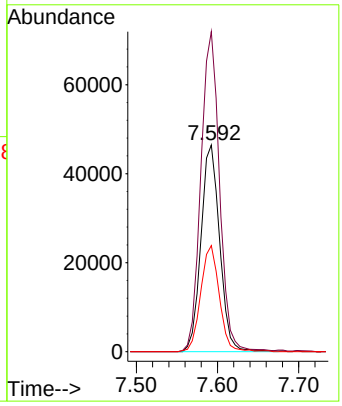
Instrument :
BNA_M
ClientSampleId :
HD-02-042921

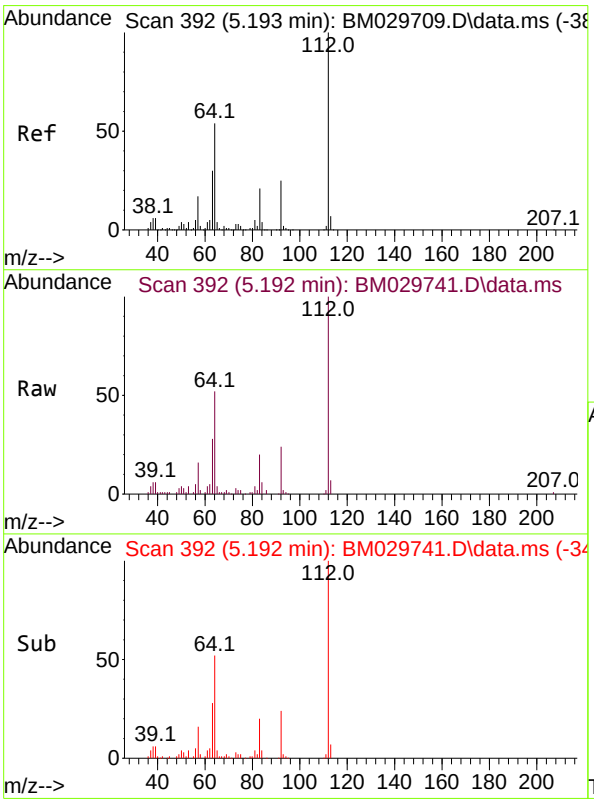


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.592 min Scan# 800
Delta R.T. -0.006 min
Lab File: BM029741.D
Acq: 30 Apr 2021 22:15

Tgt Ion:152 Resp: 74280

Ion	Ratio	Lower	Upper
152	100		
150	154.8	125.9	188.9
115	51.3	44.6	67.0

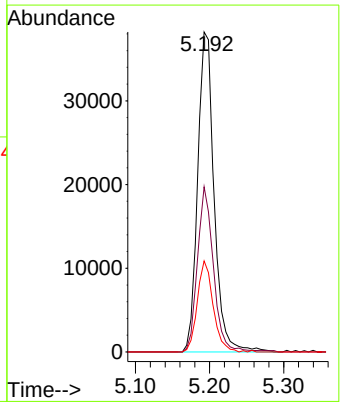




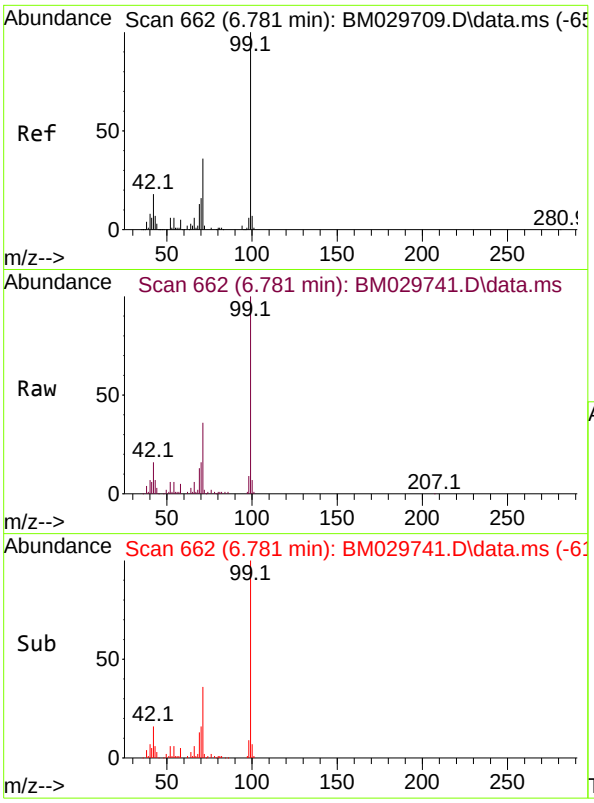
#5
2-Fluorophenol
Concen: 16.53 ng
RT: 5.192 min Scan# 392
Delta R.T. -0.000 min
Lab File: BM029741.D
Acq: 30 Apr 2021 22:15

Tgt Ion:112 Resp: 58904

Ion	Ratio	Lower	Upper
112	100		
64	51.6	47.1	70.7
63	28.5	27.3	40.9



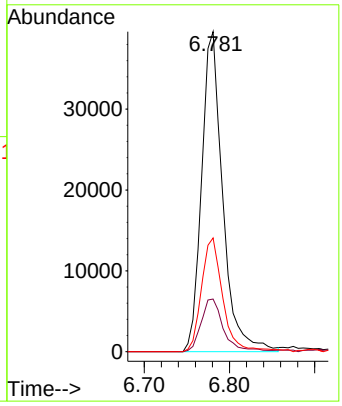
Instrument :
BNA_M
ClientSampleId :
HD-02-042921

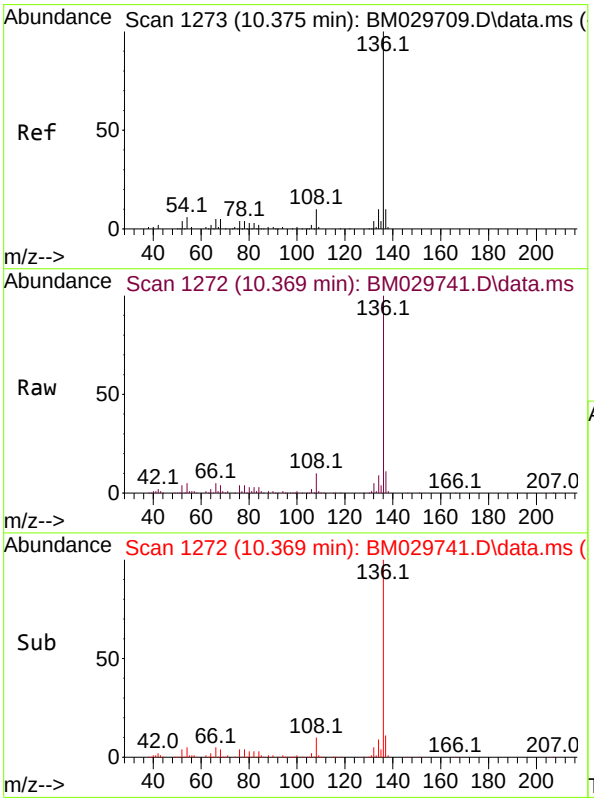


#7
Phenol-d6
Concen: 14.08 ng
RT: 6.781 min Scan# 662
Delta R.T. -0.000 min
Lab File: BM029741.D
Acq: 30 Apr 2021 22:15

Tgt Ion: 99 Resp: 68102

Ion	Ratio	Lower	Upper
99	100		
42	16.5	18.0	27.0#
71	35.5	30.9	46.3

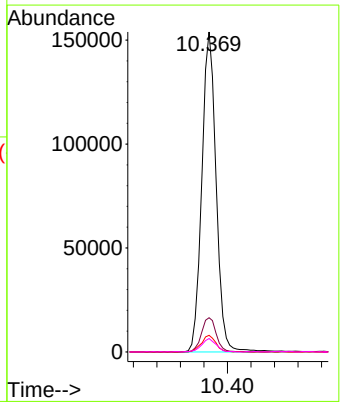




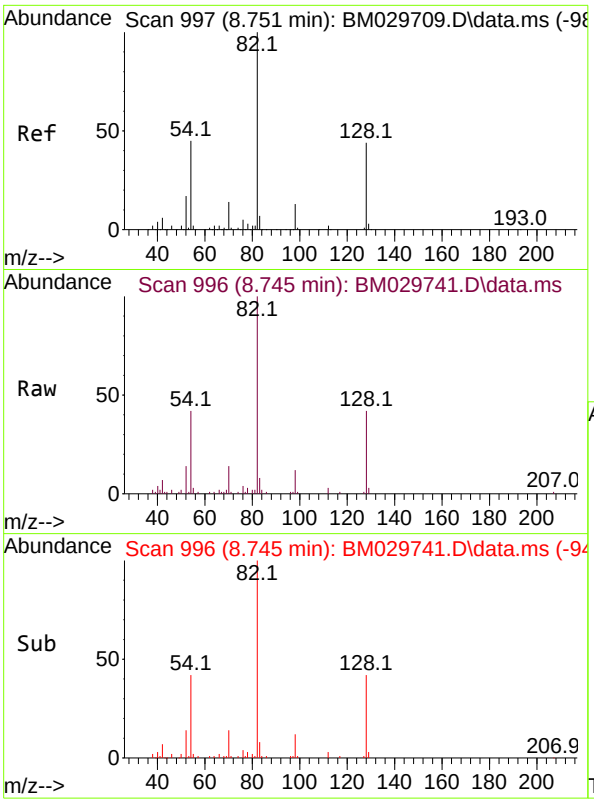
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.369 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BM029741.D
Acq: 30 Apr 2021 22:15

Tgt Ion:136 Resp: 260996

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	5.2	5.5	8.3#
68	4.2	4.2	6.2



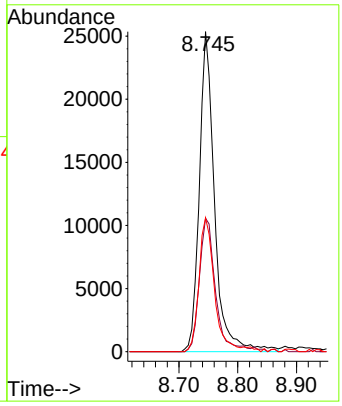
Instrument :
BNA_M
ClientSampleId :
HD-02-042921

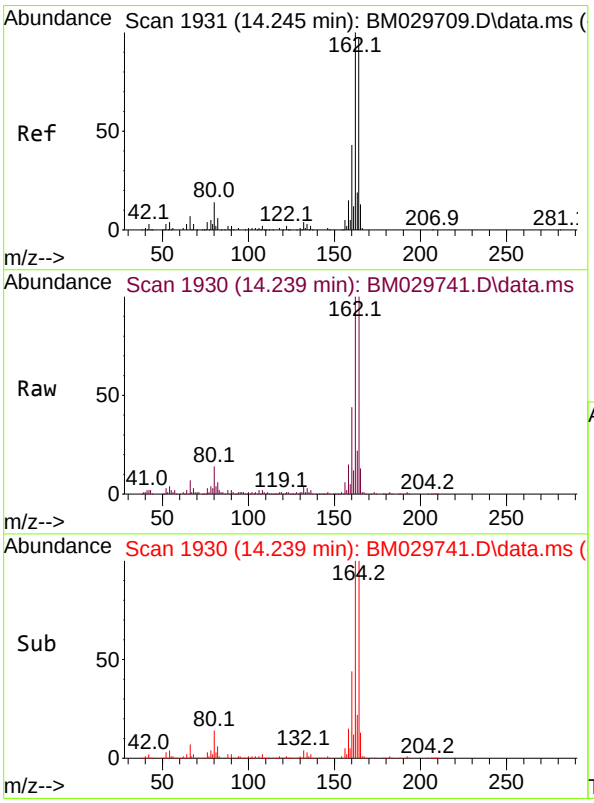


#23
Nitrobenzene-d5
Concen: 10.08 ng
RT: 8.745 min Scan# 996
Delta R.T. -0.006 min
Lab File: BM029741.D
Acq: 30 Apr 2021 22:15

Tgt Ion: 82 Resp: 45536

Ion	Ratio	Lower	Upper
82	100		
128	41.7	31.1	46.7
54	41.8	37.3	55.9

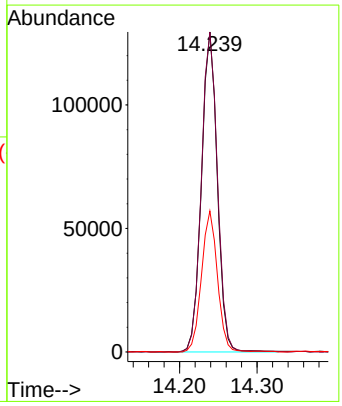




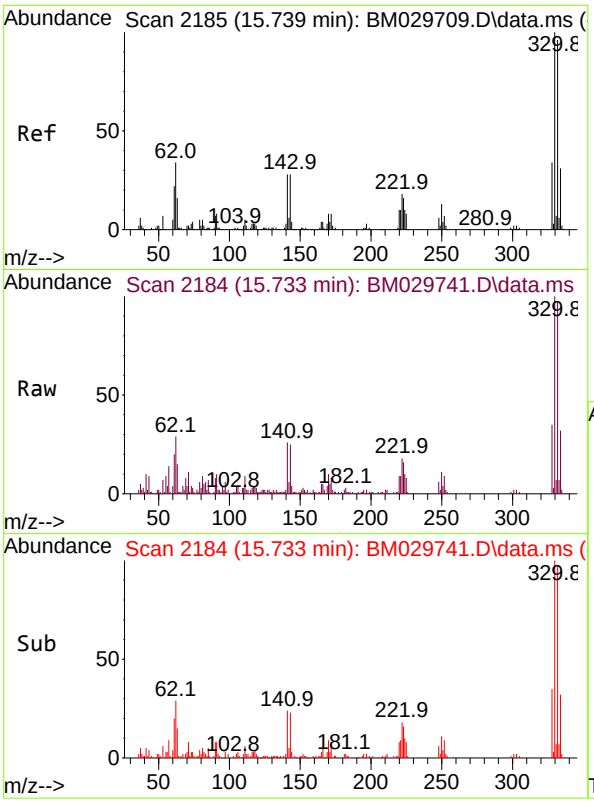
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.239 min Scan# 1930
Delta R.T. -0.006 min
Lab File: BM029741.D
Acq: 30 Apr 2021 22:15

Tgt Ion:164 Resp: 183753

Ion	Ratio	Lower	Upper
164	100		
162	99.9	83.4	125.0
160	44.1	37.2	55.8



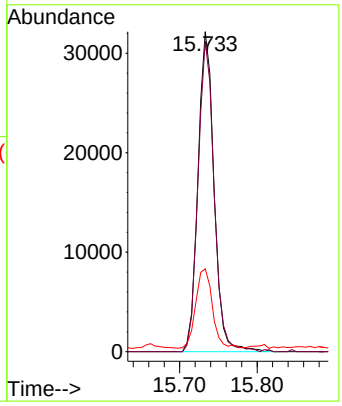
Instrument :
BNA_M
ClientSampleId :
HD-02-042921

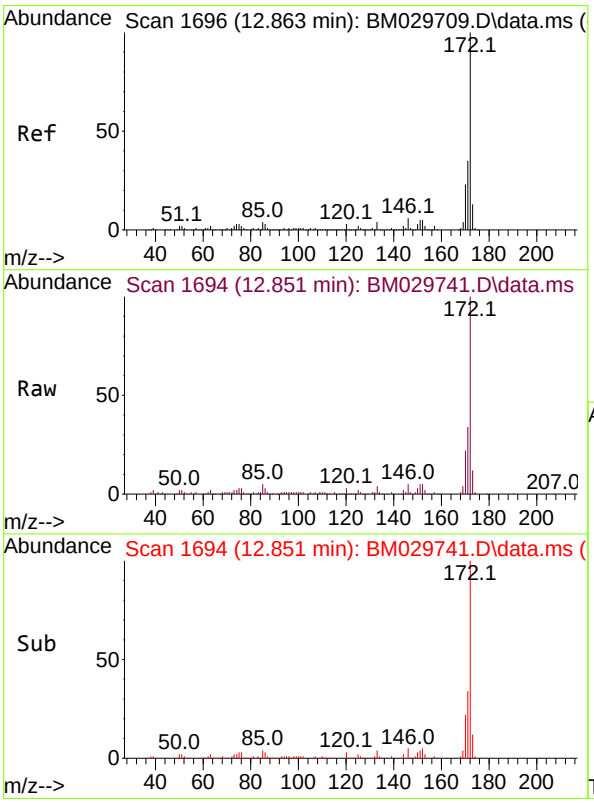


#42
2,4,6-Tribromophenol
Concen: 15.85 ng
RT: 15.733 min Scan# 2184
Delta R.T. -0.006 min
Lab File: BM029741.D
Acq: 30 Apr 2021 22:15

Tgt Ion:330 Resp: 46247

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.4
141	25.9	30.2	45.2#

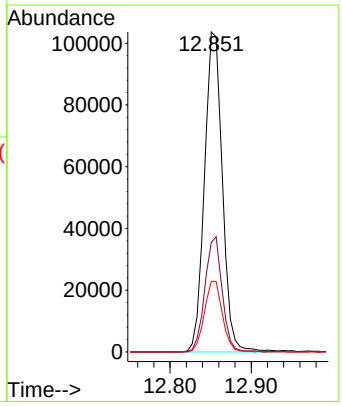




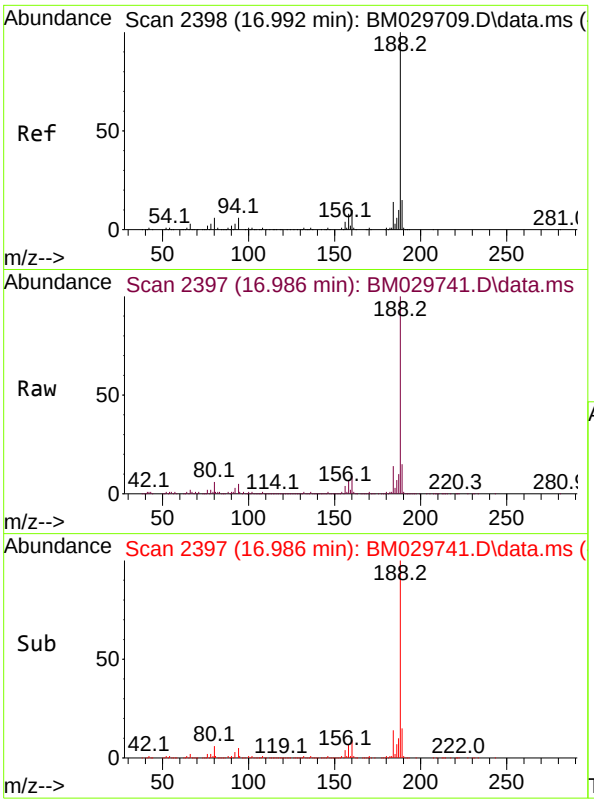
#45
2-Fluorobiphenyl
Concen: 11.20 ng
RT: 12.851 min Scan# 1694
Delta R.T. -0.012 min
Lab File: BM029741.D
Acq: 30 Apr 2021 22:15

Tgt Ion:172 Resp: 158725

Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.6	43.0
170	22.1	18.4	27.6



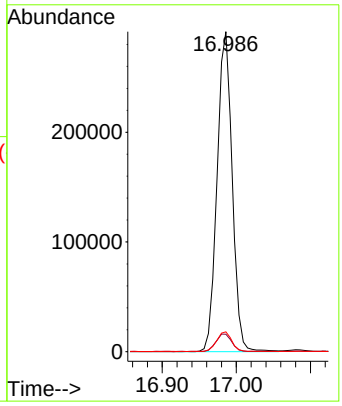
Instrument :
BNA_M
ClientSampleId :
HD-02-042921

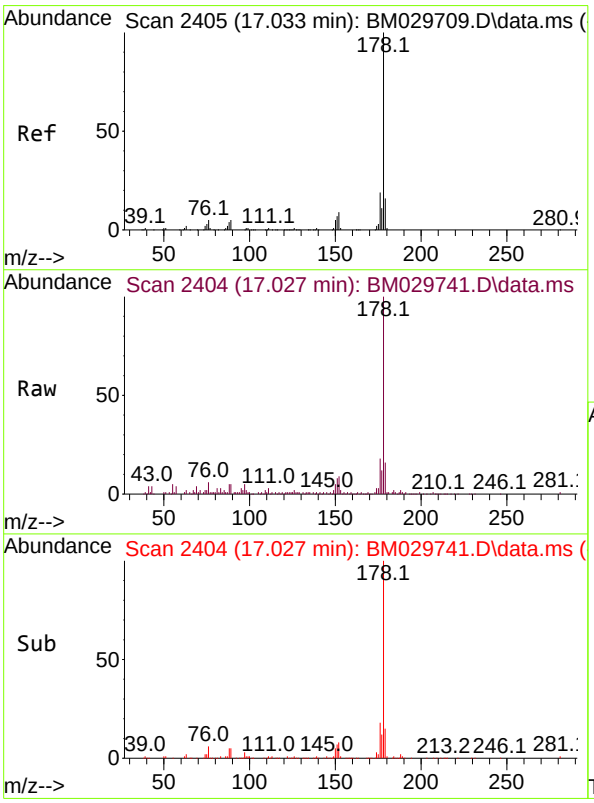


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.986 min Scan# 2397
Delta R.T. -0.006 min
Lab File: BM029741.D
Acq: 30 Apr 2021 22:15

Tgt Ion:188 Resp: 413157

Ion	Ratio	Lower	Upper
188	100		
94	5.4	6.0	9.0#
80	6.2	6.6	9.8#

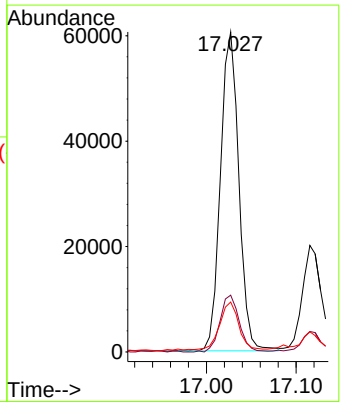




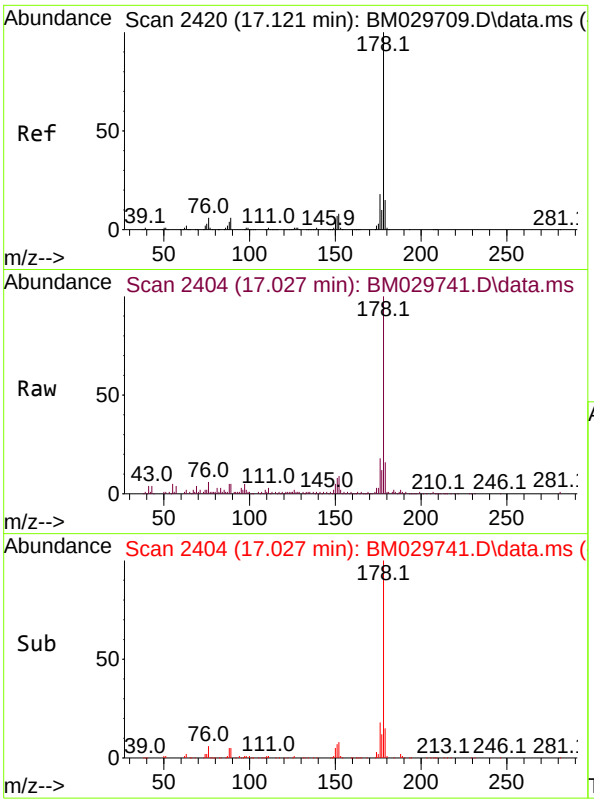
#71
Phenanthrene
Concen: 3.70 ng
RT: 17.027 min Scan# 2404
Delta R.T. -0.006 min
Lab File: BM029741.D
Acq: 30 Apr 2021 22:15

Tgt Ion:178 Resp: 86192

Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.4	23.0
179	15.6	12.2	18.4



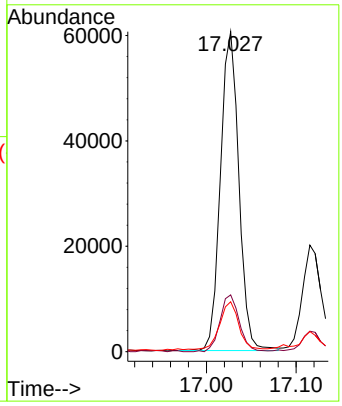
Instrument :
BNA_M
ClientSampleId :
HD-02-042921

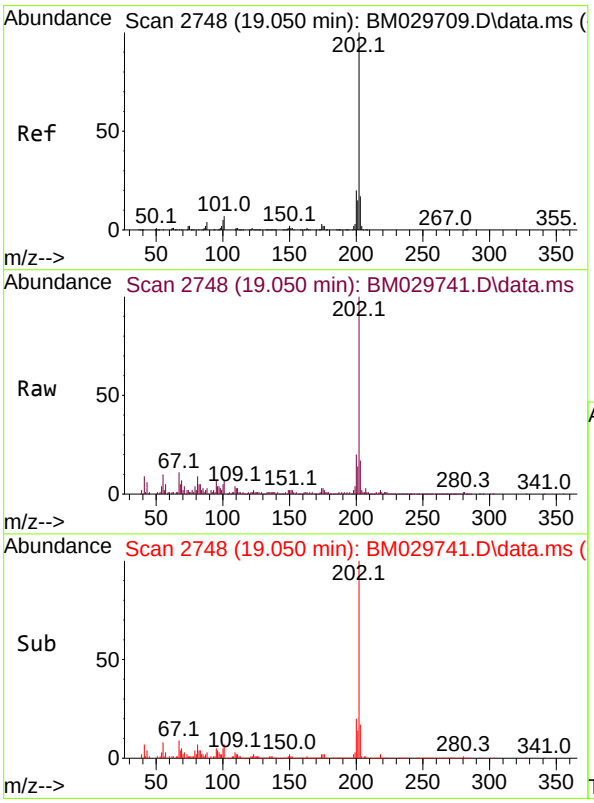


#72
Anthracene
Concen: 3.73 ng
RT: 17.027 min Scan# 2404
Delta R.T. -0.094 min
Lab File: BM029741.D
Acq: 30 Apr 2021 22:15

Tgt Ion:178 Resp: 86192

Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.0	22.4
179	15.6	12.5	18.7

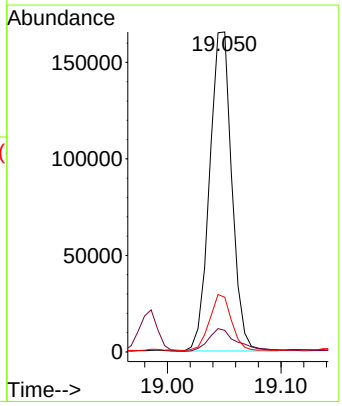




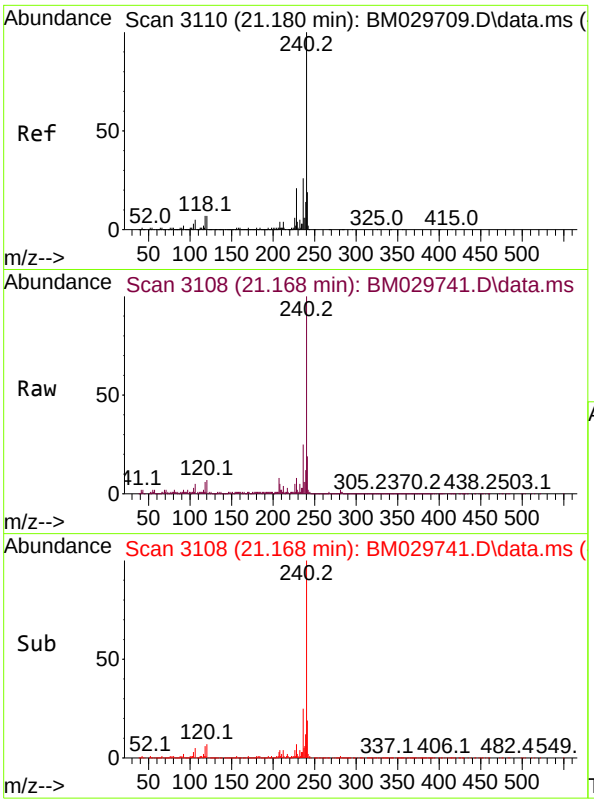
#75
Fluoranthene
Concen: 7.87 ng
RT: 19.050 min Scan# 2748
Delta R.T. -0.000 min
Lab File: BM029741.D
Acq: 30 Apr 2021 22:15

Tgt Ion:202 Resp: 224918

Ion	Ratio	Lower	Upper
202	100		
101	6.7	0.0	28.6
203	17.1	0.0	37.3



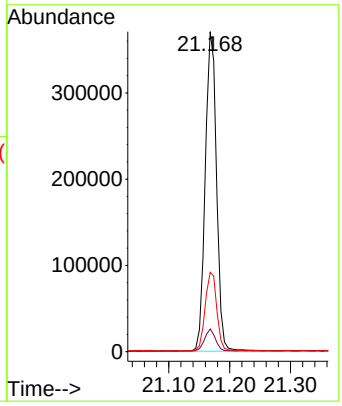
Instrument :
BNA_M
ClientSampleId :
HD-02-042921

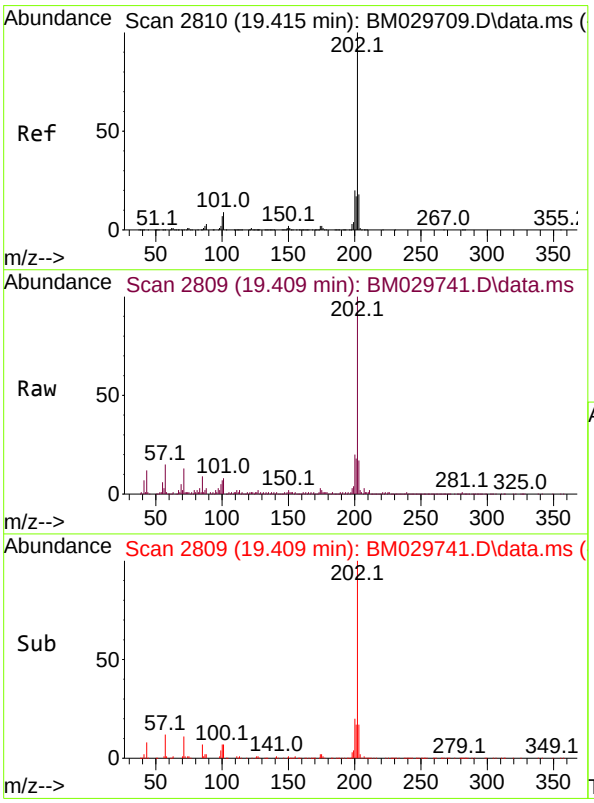


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.168 min Scan# 3108
Delta R.T. -0.012 min
Lab File: BM029741.D
Acq: 30 Apr 2021 22:15

Tgt Ion:240 Resp: 479575

Ion	Ratio	Lower	Upper
240	100		
120	7.1	7.0	10.6
236	24.8	21.0	31.4

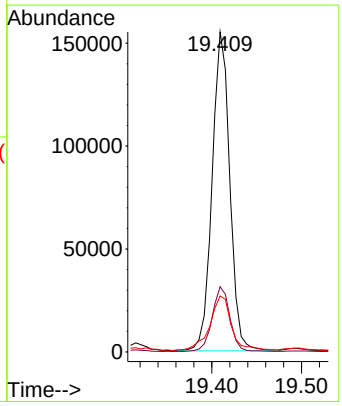




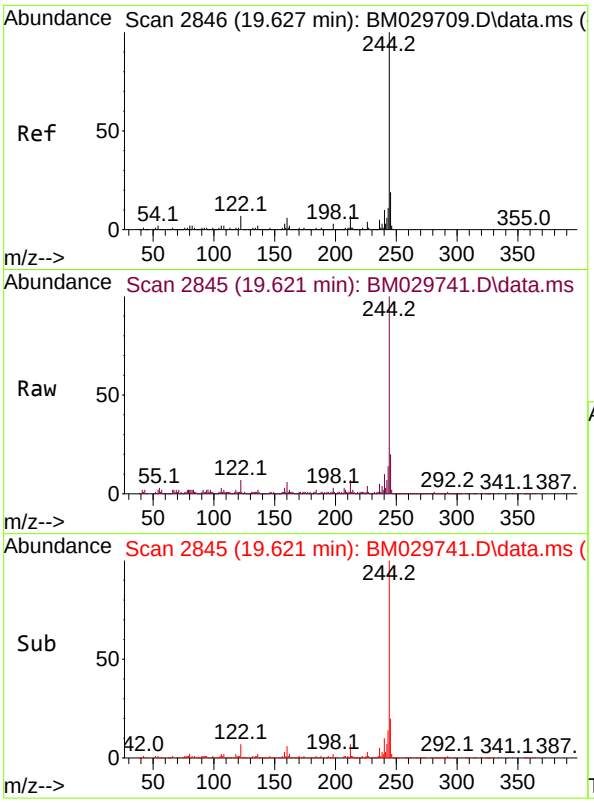
#78
Pyrene
Concen: 6.88 ng
RT: 19.409 min Scan# 2809
Delta R.T. -0.006 min
Lab File: BM029741.D
Acq: 30 Apr 2021 22:15

Tgt Ion:202 Resp: 211545

Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.3	25.9
203	17.5	13.9	20.9



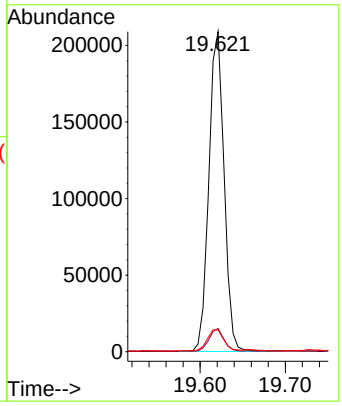
Instrument :
BNA_M
ClientSampleId :
HD-02-042921

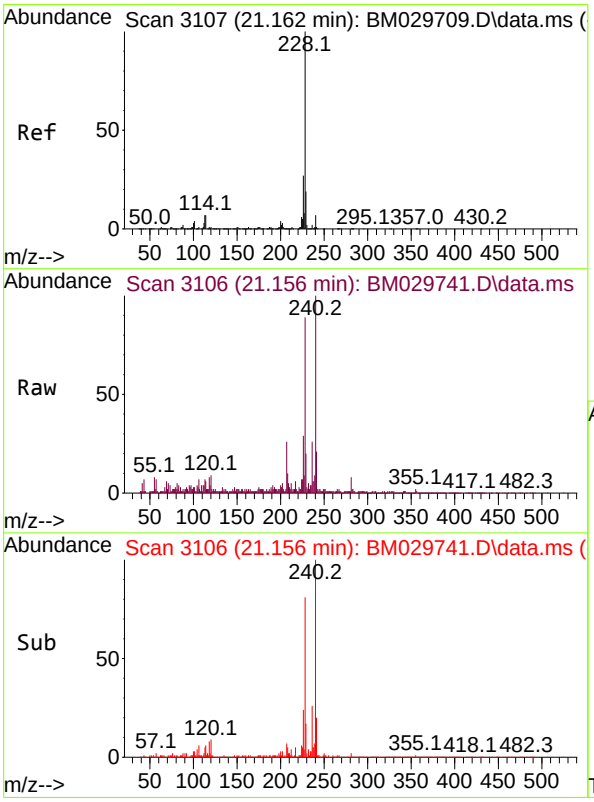


#79
Terphenyl-d14
Concen: 9.94 ng
RT: 19.621 min Scan# 2845
Delta R.T. -0.006 min
Lab File: BM029741.D
Acq: 30 Apr 2021 22:15

Tgt Ion:244 Resp: 259642

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.3	9.5
122	6.8	6.9	10.3#

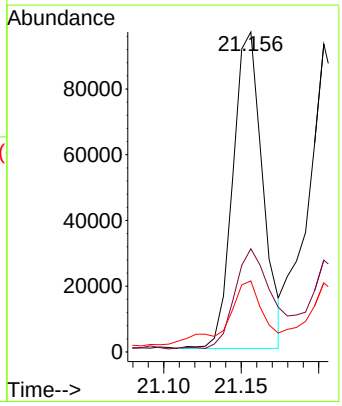




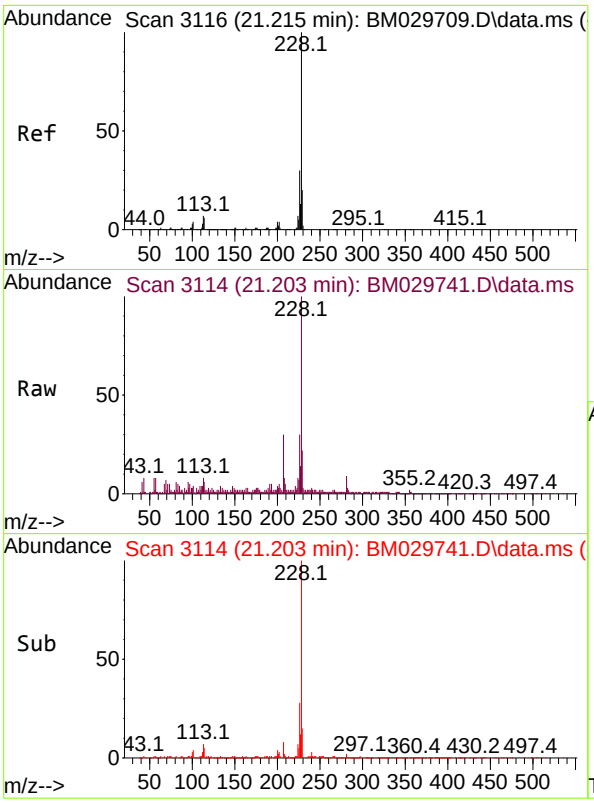
#81
Benzo(a)anthracene
Concen: 4.12 ng
RT: 21.156 min Scan# 3106
Delta R.T. -0.006 min
Lab File: BM029741.D
Acq: 30 Apr 2021 22:15

Tgt Ion:228 Resp: 128616

Ion	Ratio	Lower	Upper
228	100		
226	32.3	22.3	33.5
229	22.2	15.7	23.5



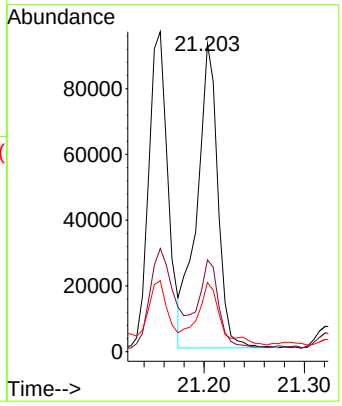
Instrument :
BNA_M
ClientSampleId :
HD-02-042921

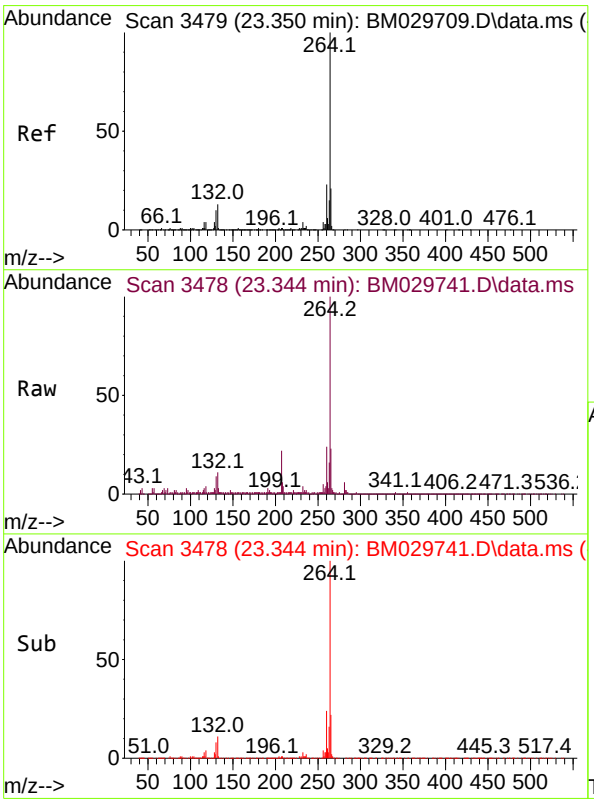


#83
Chrysene
Concen: 4.36 ng
RT: 21.203 min Scan# 3114
Delta R.T. -0.012 min
Lab File: BM029741.D
Acq: 30 Apr 2021 22:15

Tgt Ion:228 Resp: 135075

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.6	36.8
229	22.4	15.5	23.3

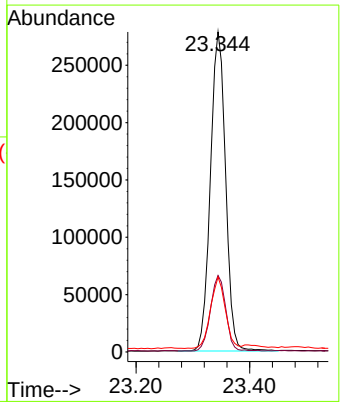




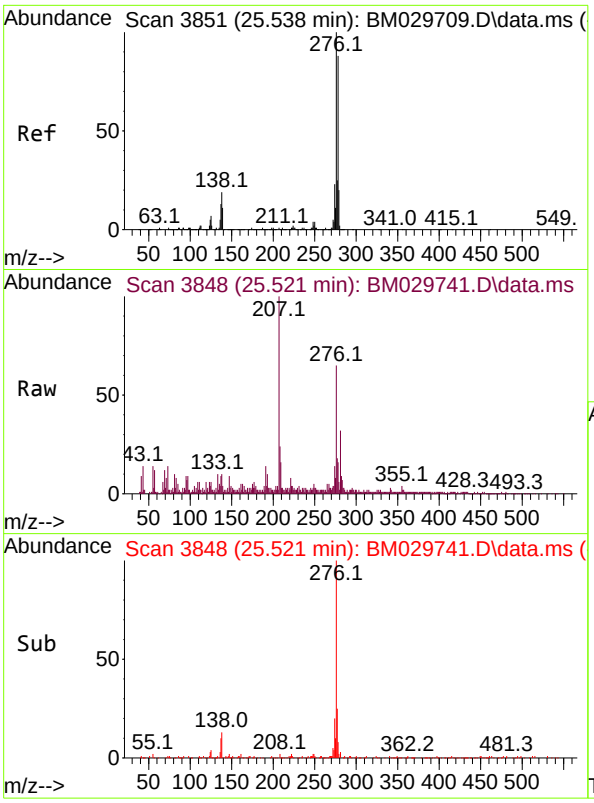
#86
Perylene-d12
Concen: 20.00 ng
RT: 23.344 min Scan# 3478
Delta R.T. -0.006 min
Lab File: BM029741.D
Acq: 30 Apr 2021 22:15

Tgt Ion:264 Resp: 515510

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.8	29.8
265	23.4	17.7	26.5



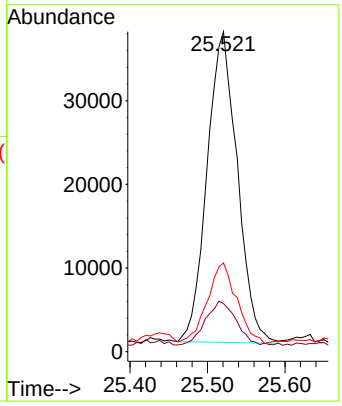
Instrument :
BNA_M
ClientSampleId :
HD-02-042921

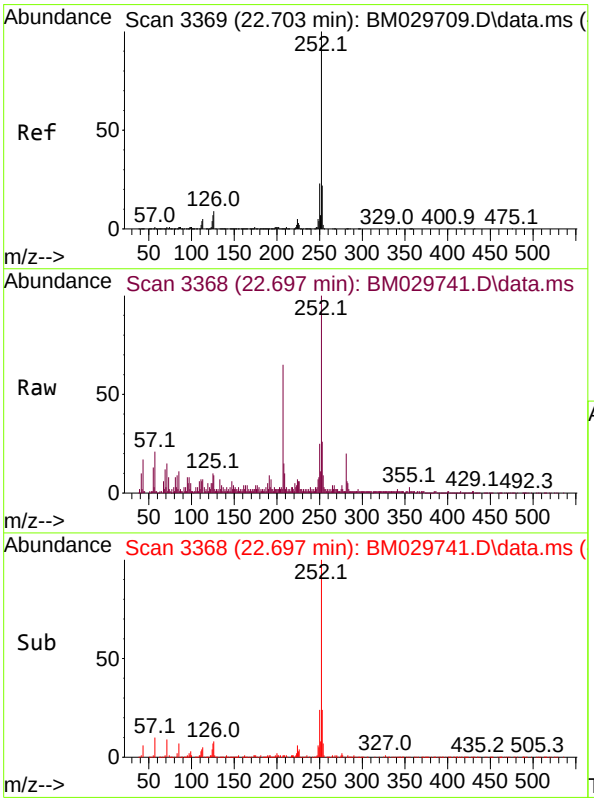


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.58 ng
RT: 25.521 min Scan# 3848
Delta R.T. -0.018 min
Lab File: BM029741.D
Acq: 30 Apr 2021 22:15

Tgt Ion:276 Resp: 100819

Ion	Ratio	Lower	Upper
276	100		
138	14.1	17.1	25.7#
277	24.4	20.3	30.5

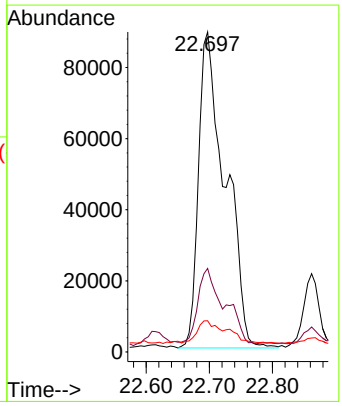




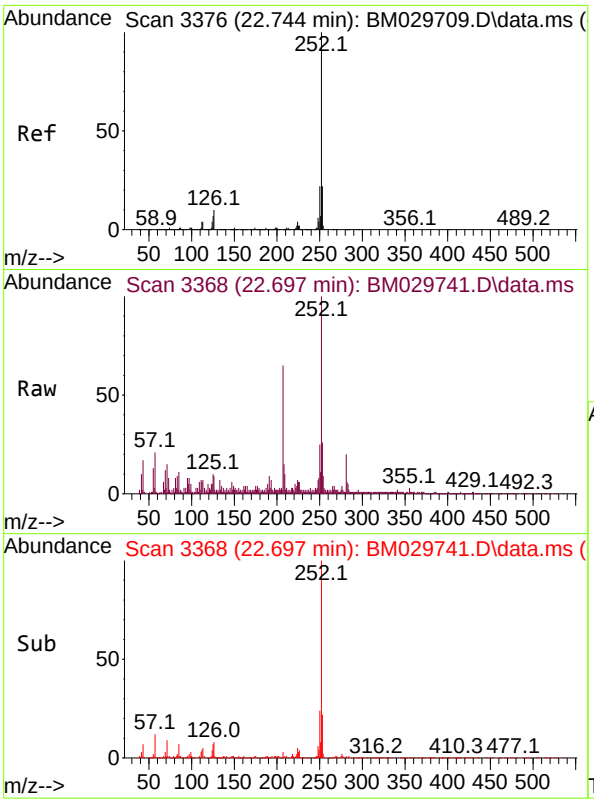
#88
Benzo(b)fluoranthene
Concen: 7.66 ng
RT: 22.697 min Scan# 3368
Delta R.T. -0.006 min
Lab File: BM029741.D
Acq: 30 Apr 2021 22:15

Tgt Ion:252 Resp: 261113

Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.4	26.0#
125	9.7	6.8	10.2



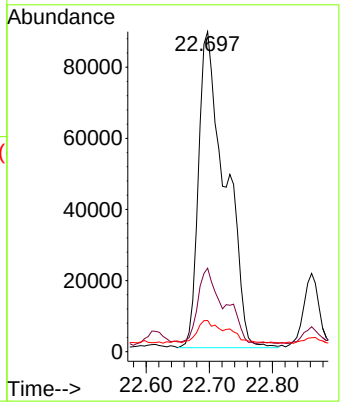
Instrument :
BNA_M
ClientSampleId :
HD-02-042921

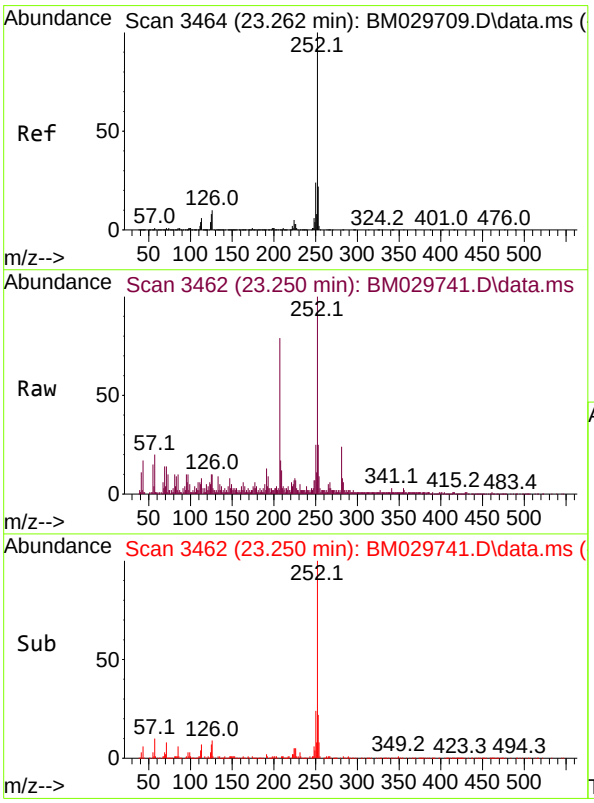


#89
Benzo(k)fluoranthene
Concen: 7.90 ng
RT: 22.697 min Scan# 3368
Delta R.T. -0.047 min
Lab File: BM029741.D
Acq: 30 Apr 2021 22:15

Tgt Ion:252 Resp: 261113

Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.4	26.2
125	9.7	6.2	9.2#

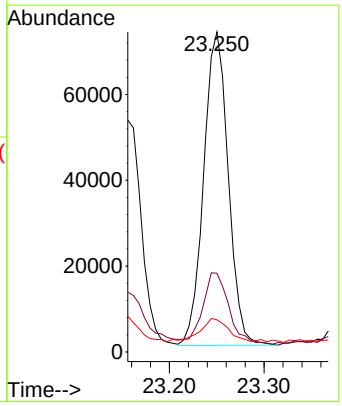


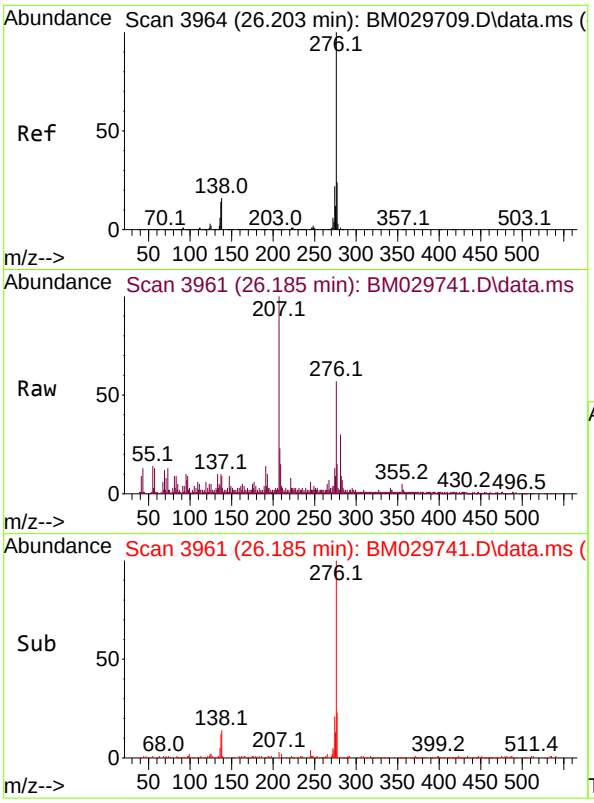


#90
Benzo(a)pyrene
Concen: 4.22 ng
RT: 23.250 min Scan# 3462
Delta R.T. -0.012 min
Lab File: BM029741.D
Acq: 30 Apr 2021 22:15

Tgt Ion:252 Resp: 131570

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.7	26.5
125	10.0	7.3	10.9

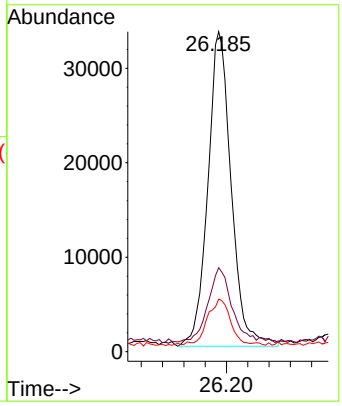




#92
Benzo(g,h,i)perylene
Concen: 3.19 ng
RT: 26.185 min Scan# 3961
Delta R.T. -0.018 min
Lab File: BM029741.D
Acq: 30 Apr 2021 22:15

Tgt Ion:276 Resp: 101463

Ion	Ratio	Lower	Upper
276	100		
277	26.3	19.4	29.2
138	16.4	14.4	21.6



Instrument :
BNA_M
ClientSampleId :
HD-02-042921