Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121720\
Data File : BM028152.D
Acq On : 17 Dec 2020 21:46
Operator : JU/CG
Sample : L5036-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-2

Quant Time: Dec 18 00:22:24 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 16 01:58:38 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.210	152	140953	20.00	ng		0.00
21) Naphthalene-d8	11.040	136	605961	20.00	ng		# 0.00
39) Acenaphthene-d10	14.833	164	375731	20.00	ng		-0.01
64) Phenanthrene-d10	17.557	188	824861	20.00	ng		# 0.00
76) Chrysene-d12	21.668	240	670010	20.00	ng		# 0.00
86) Perylene-d12	24.039	264	613166	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.705	112	889677	104.01	ng		0.00
7) Phenol-d6	7.351	99	1223697	100.19	ng		0.00
23) Nitrobenzene-d5	9.387	82	751392	61.53	ng		-0.01
42) 2,4,6-Tribromophenol	16.310	330	512873	102.83	ng		0.00
45) 2-Fluorobiphenyl	13.469	172	1724009	59.65	ng		0.00
79) Terphenyl-d14	20.127	244	2369160	64.16	ng		0.00
Target Compounds							Qvalue
32) Benzoic acid	10.234	122	121	Below Cal		#	82
37) 2-Methylnaphthalene	12.681	142	58469	2.42	ng		96
38) 1-Methylnaphthalene	12.898	142	83819	3.65	ng		100
50) Dimethylphthalate	14.280	163	213216	6.84	ng		99
52) Acenaphthene	14.898	154	235658	9.08	ng		97
55) Dibenzofuran	15.227	168	107968	2.92	ng	#	96
58) Fluorene	15.874	166	242502	8.01	ng		98
71) Phenanthrene	17.604	178	4196898	83.78	ng		100
72) Anthracene	17.686	178	879461	18.16	ng		99
73) Carbazole	17.951	167	266063	5.82	ng		98
75) Fluoranthene	19.586	202	4362840	77.78	ng		95
78) Pyrene	19.945	202	4328951	89.24	ng		99
81) Benzo(a)anthracene	21.656	228	1876187	41.11	ng		99
83) Chrysene	21.709	228	1675459	37.91	ng		98
88) Benzo(b)fluoranthene	23.327	252	1985423	47.53	ng	#	94
89) Benzo(k)fluoranthene	23.327	252	1986268	48.93	ng	#	94
90) Benzo(a)pyrene	23.939	252	1119955	29.87	ng	#	96
91) Dibenzo(a,h)anthracene	26.474	278	191547	5.63	ng	#	87
92) Benzo(g,h,i)perylene	27.227	276	677384	20.85	ng	#	90

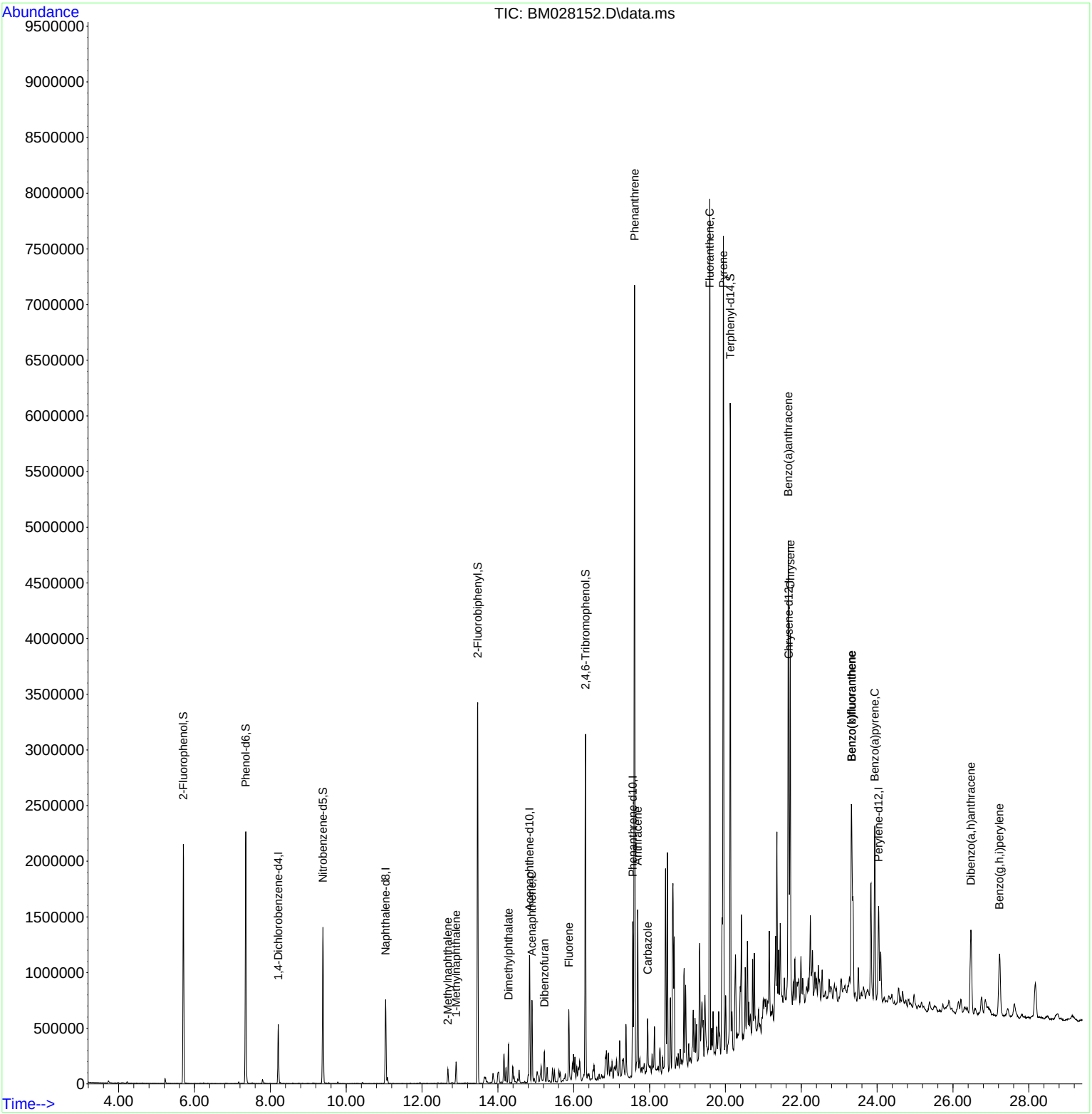
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

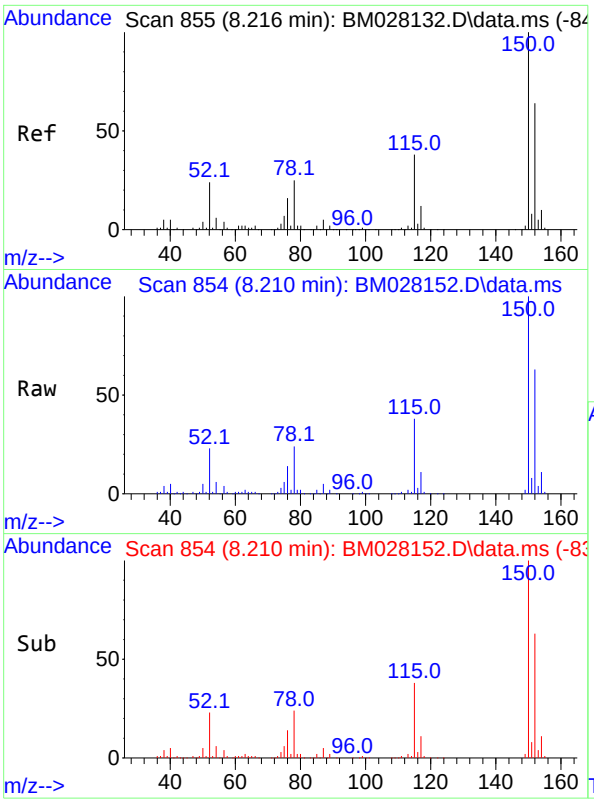
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121720\
Data File : BM028152.D
Acq On : 17 Dec 2020 21:46
Operator : JU/CG
Sample : L5036-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-2

Quant Time: Dec 18 00:22:24 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 16 01:58:38 2020
Response via : Initial Calibration



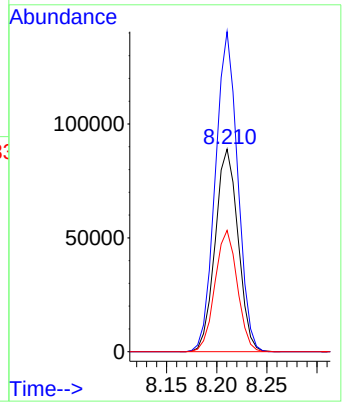
Instrument :
BNA_M
ClientSampleId :
B-2

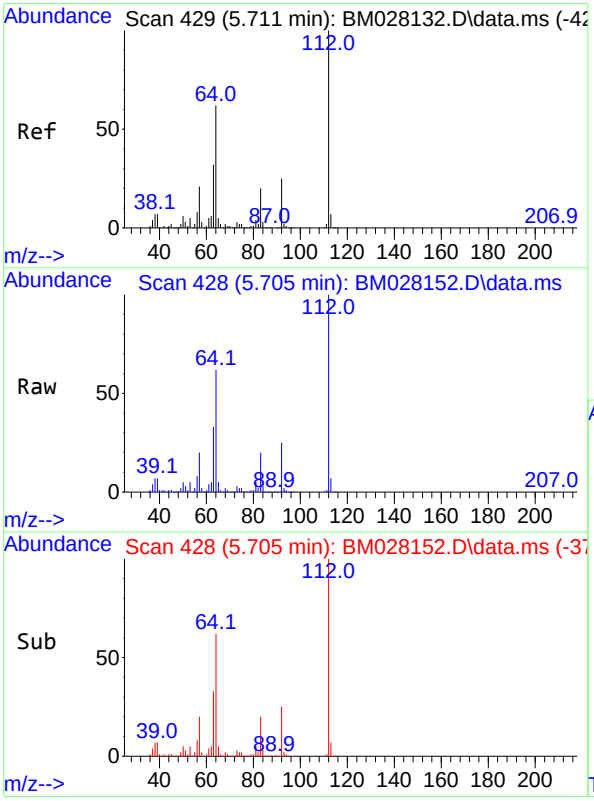


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.210 min Scan# 854
Delta R.T. -0.006 min
Lab File: BM028152.D
Acq: 17 Dec 2020 21:46

Tgt Ion:152 Resp: 140953

Ion	Ratio	Lower	Upper
152	100		
150	158.0	120.6	181.0
115	59.9	47.2	70.8

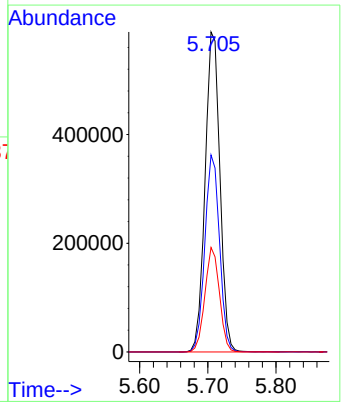


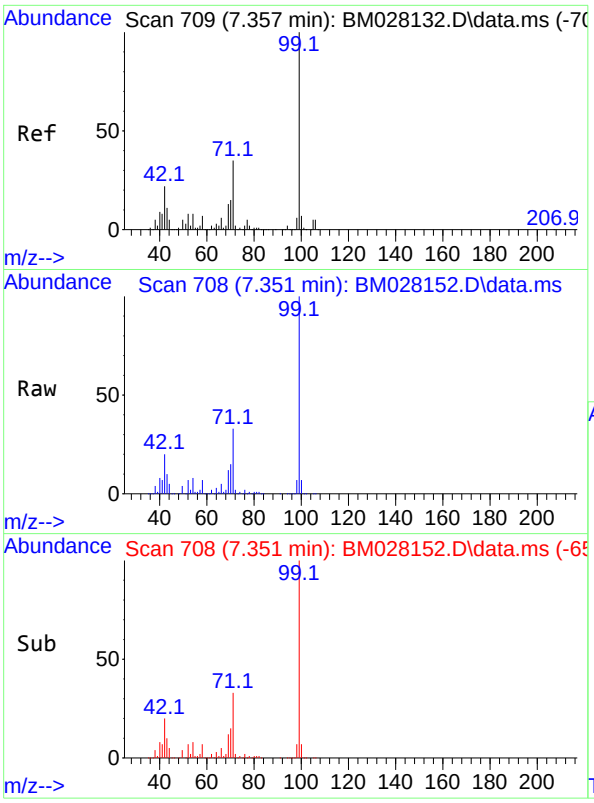


#5
2-Fluorophenol
Concen: 104.01 ng
RT: 5.705 min Scan# 428
Delta R.T. -0.006 min
Lab File: BM028152.D
Acq: 17 Dec 2020 21:46

Tgt Ion:112 Resp: 889677

Ion	Ratio	Lower	Upper
112	100		
64	61.6	50.6	76.0
63	32.6	31.0	46.6

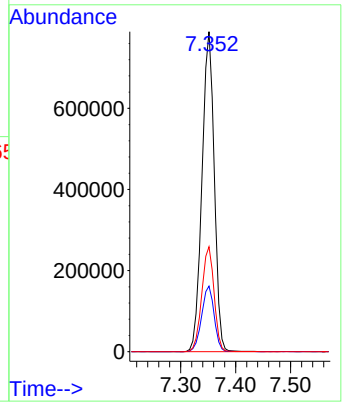




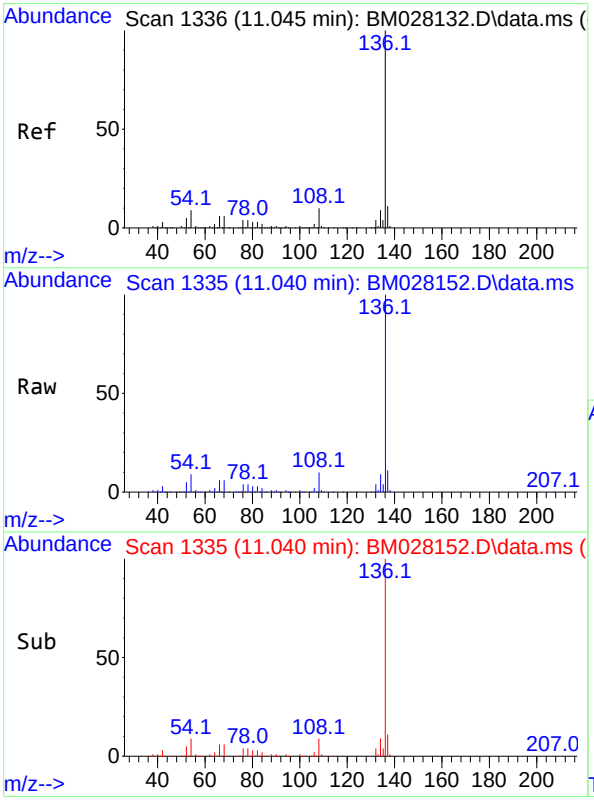
#7
Phenol-d6
Concen: 100.19 ng
RT: 7.351 min Scan# 708
Delta R.T. -0.006 min
Lab File: BM028152.D
Acq: 17 Dec 2020 21:46

Tgt Ion: 99 Resp: 1223697

Ion	Ratio	Lower	Upper
99	100		
42	20.5	13.5	20.3#
71	32.8	39.4	59.0#



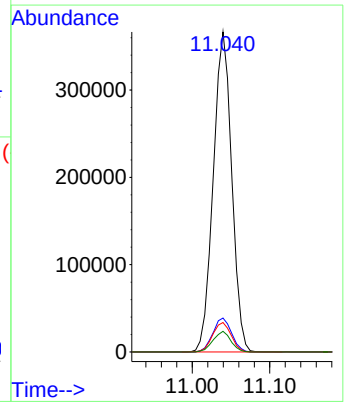
Instrument :
BNA_M
ClientSampleId :
B-2



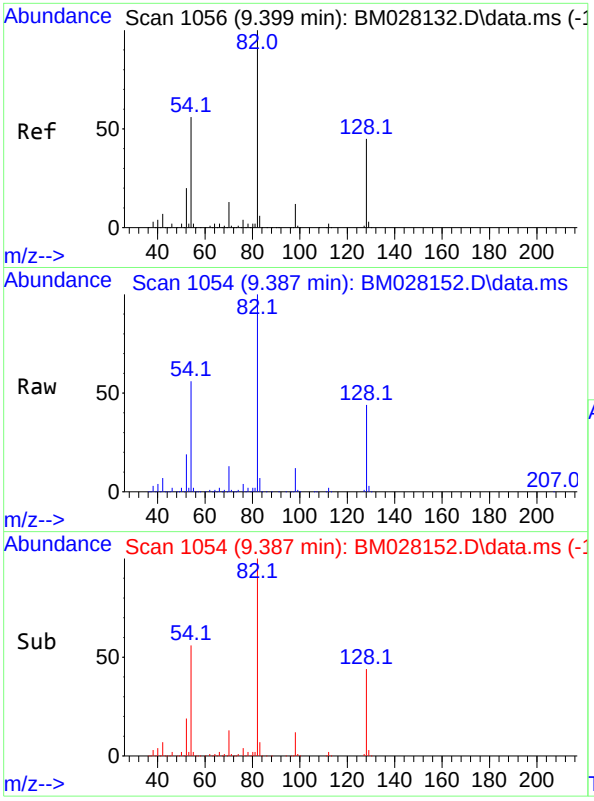
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.040 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BM028152.D
Acq: 17 Dec 2020 21:46

Tgt Ion:136 Resp: 605961

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	12.8
54	9.2	4.6	7.0#
68	6.5	4.1	6.1#



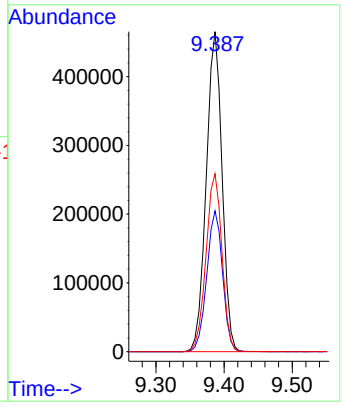
Instrument :
BNA_M
ClientSampleId :
B-2

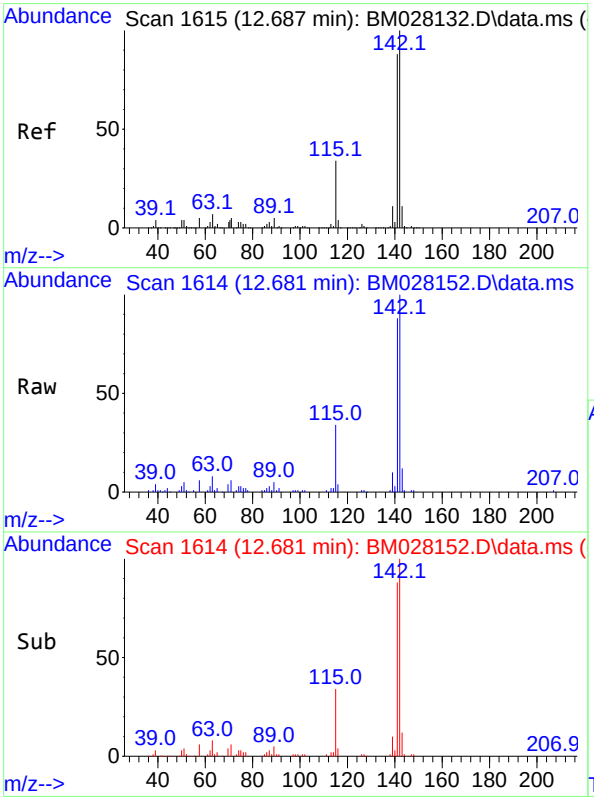


#23
Nitrobenzene-d5
Concen: 61.53 ng
RT: 9.387 min Scan# 1054
Delta R.T. -0.012 min
Lab File: BM028152.D
Acq: 17 Dec 2020 21:46

Tgt Ion: 82 Resp: 751392

Ion	Ratio	Lower	Upper
82	100		
128	44.0	27.4	41.0#
54	55.6	31.4	47.0#

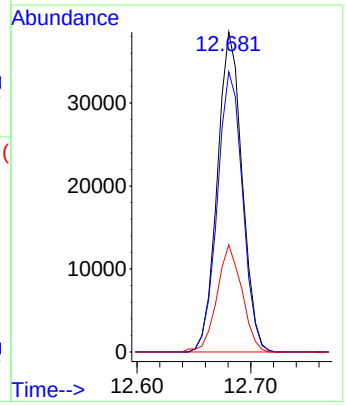


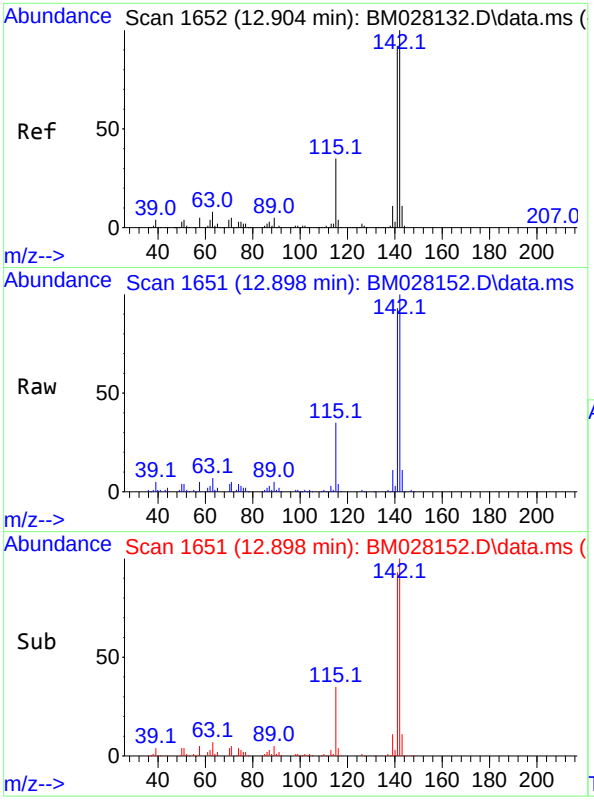


#37
2-Methylnaphthalene
Concen: 2.42 ng
RT: 12.681 min Scan# 1614
Delta R.T. -0.006 min
Lab File: BM028152.D
Acq: 17 Dec 2020 21:46

Tgt Ion:142 Resp: 58469

Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.3	105.5
115	33.5	32.2	48.4

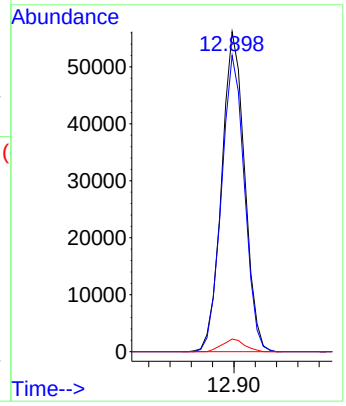




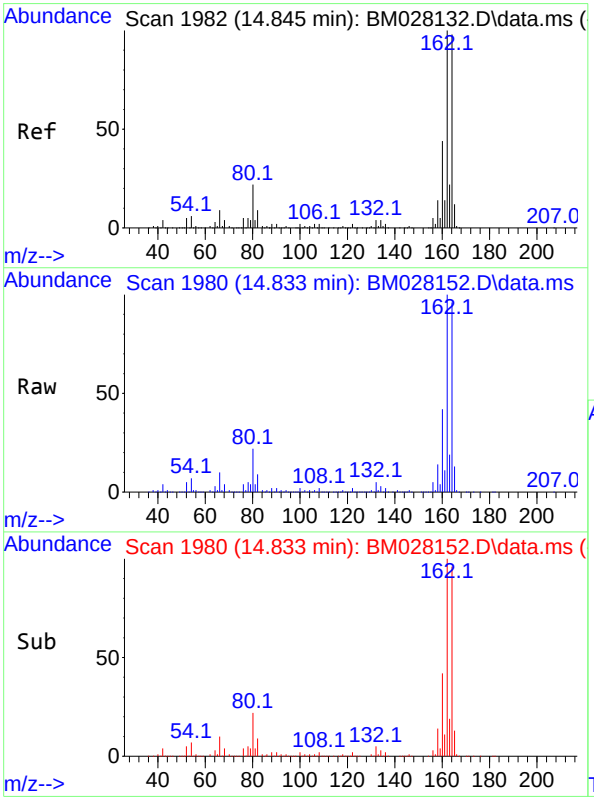
#38
1-Methylnaphthalene
Concen: 3.65 ng
RT: 12.898 min Scan# 1651
Delta R.T. -0.006 min
Lab File: BM028152.D
Acq: 17 Dec 2020 21:46

Tgt Ion:142 Resp: 83819

Ion	Ratio	Lower	Upper
142	100		
141	92.6	73.8	110.6
116	4.0	3.5	5.3



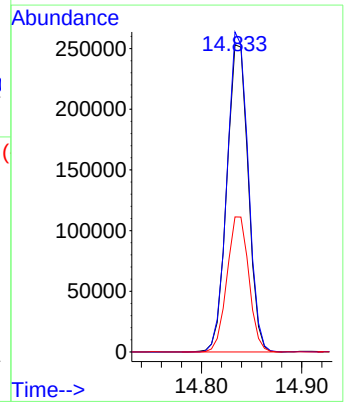
Instrument :
BNA_M
ClientSampleId :
B-2



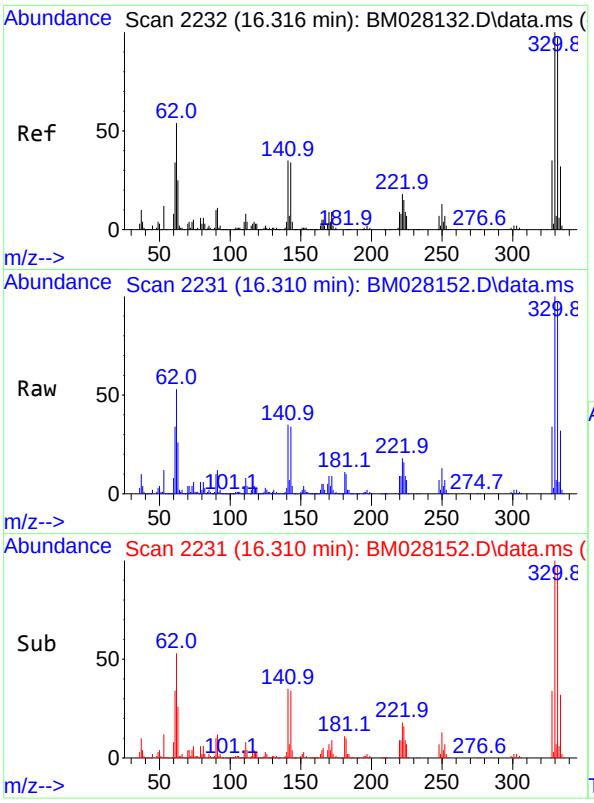
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.833 min Scan# 1980
Delta R.T. -0.012 min
Lab File: BM028152.D
Acq: 17 Dec 2020 21:46

Tgt Ion:164 Resp: 375731

Ion	Ratio	Lower	Upper
164	100		
162	104.2	80.4	120.6
160	44.0	35.9	53.9



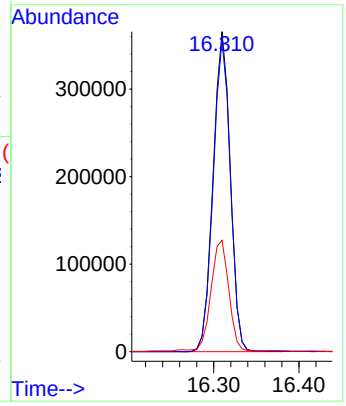
Instrument :
BNA_M
ClientSampleId :
B-2

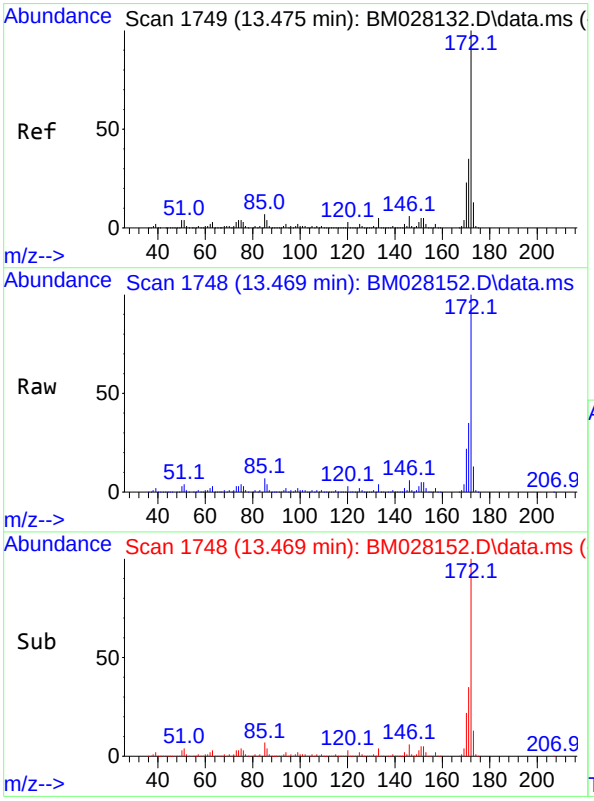


#42
2,4,6-Tribromophenol
Concen: 102.83 ng
RT: 16.310 min Scan# 2231
Delta R.T. -0.006 min
Lab File: BM028152.D
Acq: 17 Dec 2020 21:46

Tgt Ion:330 Resp: 512873

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.8	116.8
141	36.3	28.4	42.6

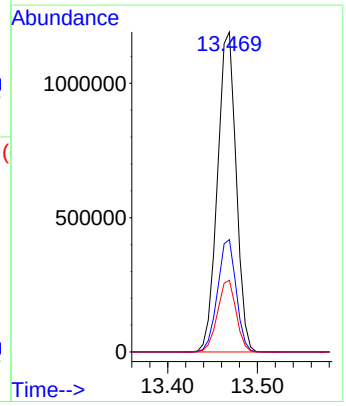




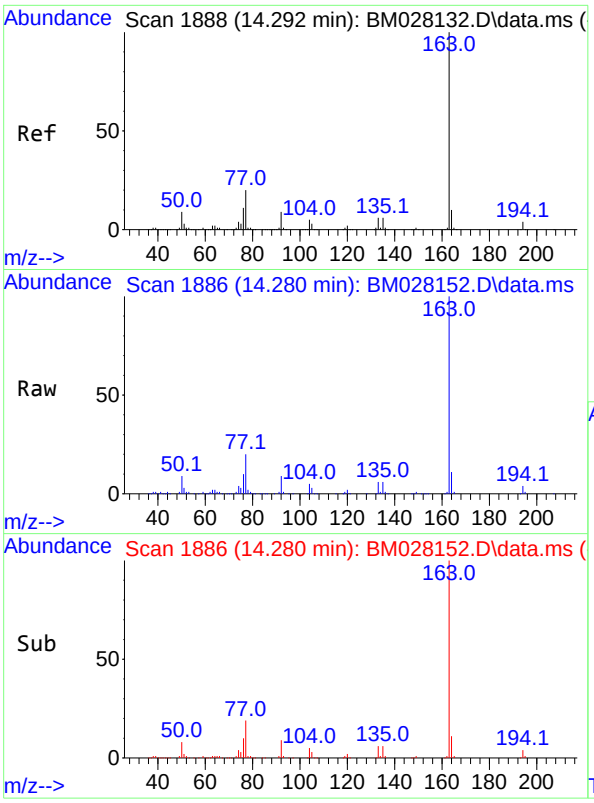
#45
2-Fluorobiphenyl
Concen: 59.65 ng
RT: 13.469 min Scan# 1748
Delta R.T. -0.006 min
Lab File: BM028152.D
Acq: 17 Dec 2020 21:46

Tgt Ion:172 Resp: 1724009

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.8	41.8
170	22.4	18.6	27.8



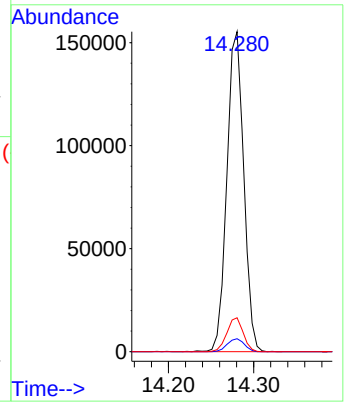
Instrument :
BNA_M
ClientSampleId :
B-2

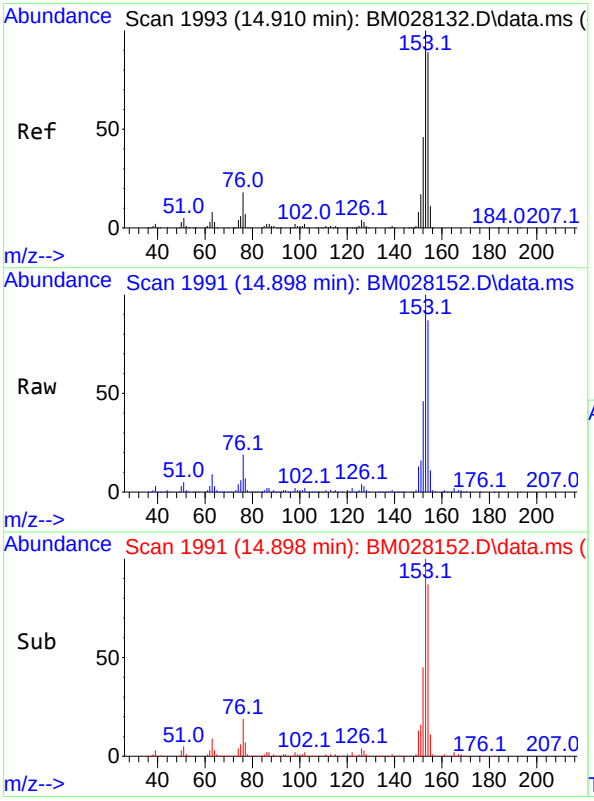


#50
Dimethylphthalate
Concen: 6.84 ng
RT: 14.280 min Scan# 1886
Delta R.T. -0.012 min
Lab File: BM028152.D
Acq: 17 Dec 2020 21:46

Tgt Ion:163 Resp: 213216

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.2
164	10.6	8.1	12.1

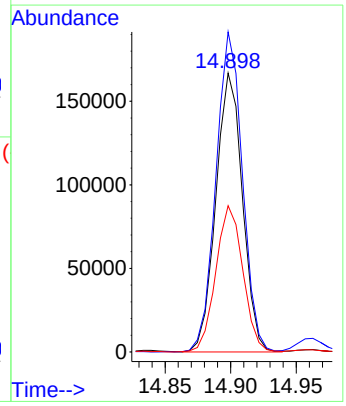




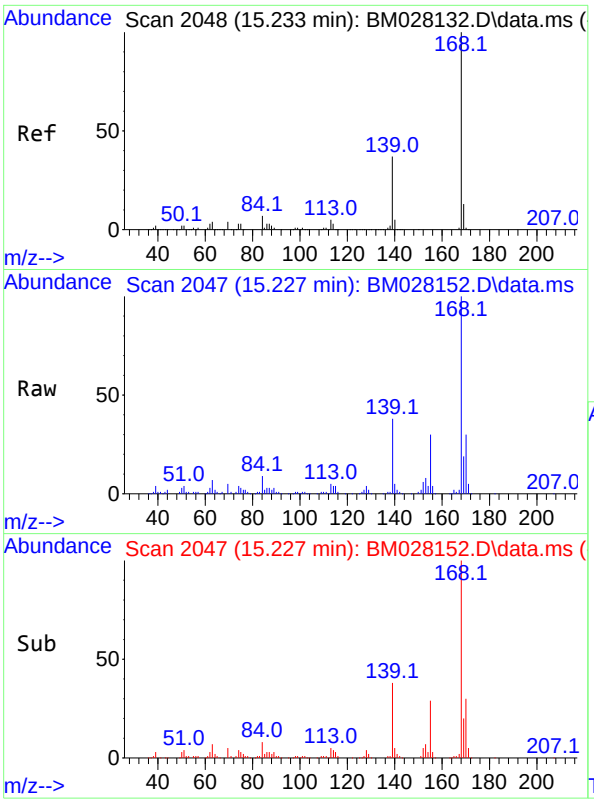
#52
Acenaphthene
Concen: 9.08 ng
RT: 14.898 min Scan# 1991
Delta R.T. -0.012 min
Lab File: BM028152.D
Acq: 17 Dec 2020 21:46

Tgt Ion:154 Resp: 235658

Ion	Ratio	Lower	Upper
154	100		
153	114.7	88.3	132.5
152	52.4	41.4	62.2



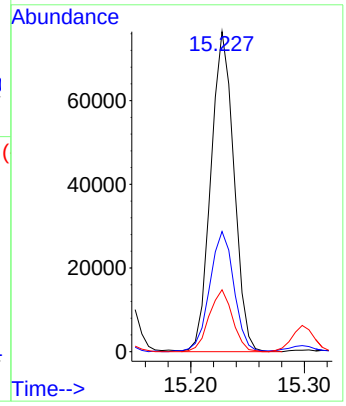
Instrument :
BNA_M
ClientSampleId :
B-2

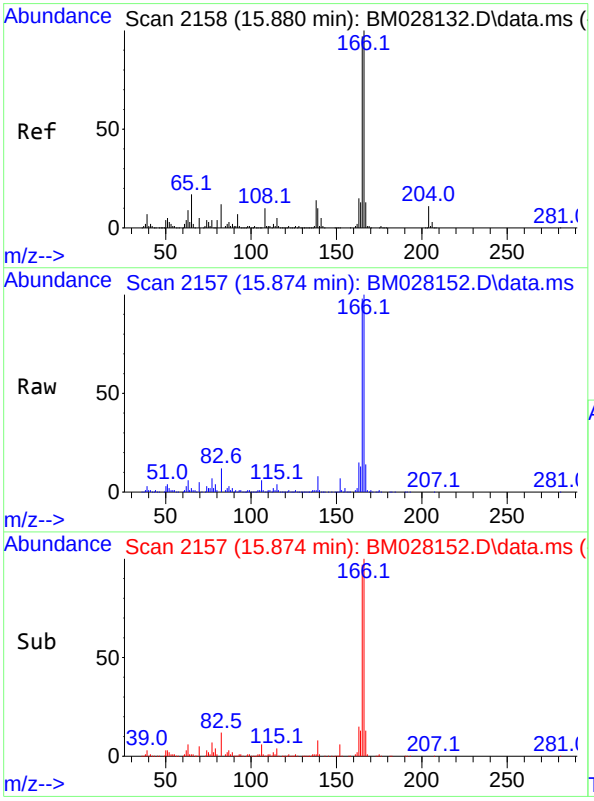


#55
Dibenzofuran
Concen: 2.92 ng
RT: 15.227 min Scan# 2047
Delta R.T. -0.006 min
Lab File: BM028152.D
Acq: 17 Dec 2020 21:46

Tgt Ion:168 Resp: 107968

Ion	Ratio	Lower	Upper
168	100		
139	37.5	30.2	45.4
169	19.4	10.6	16.0#

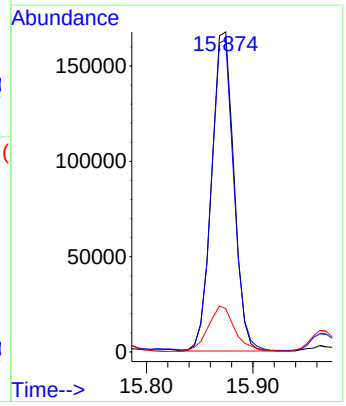




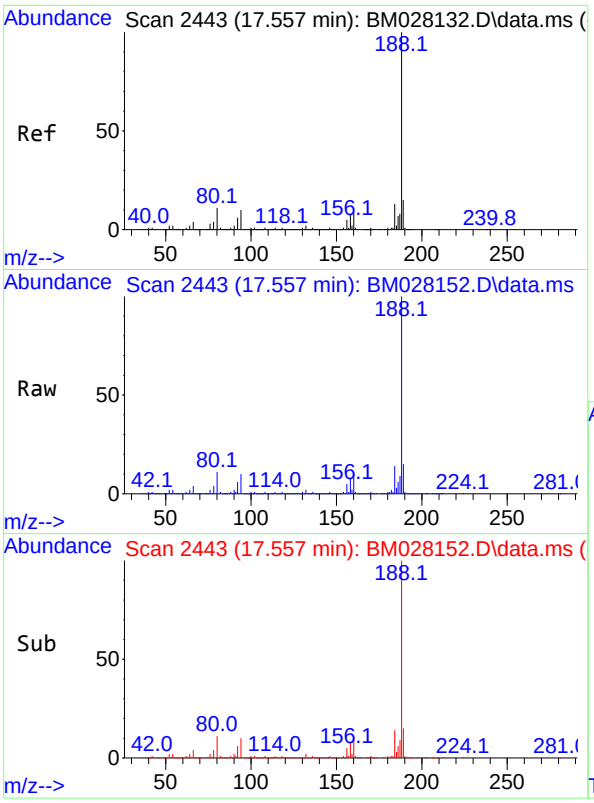
#58
Fluorene
Concen: 8.01 ng
RT: 15.874 min Scan# 2157
Delta R.T. -0.006 min
Lab File: BM028152.D
Acq: 17 Dec 2020 21:46

Tgt Ion:166 Resp: 242502

Ion	Ratio	Lower	Upper
166	100		
165	97.6	76.2	114.2
167	13.5	10.7	16.1



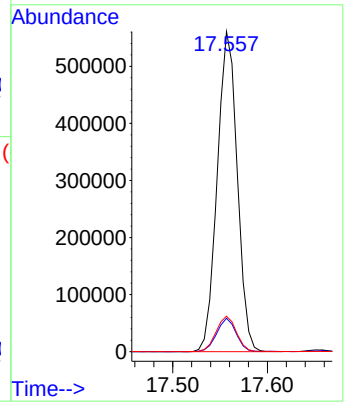
Instrument :
BNA_M
ClientSampleId :
B-2

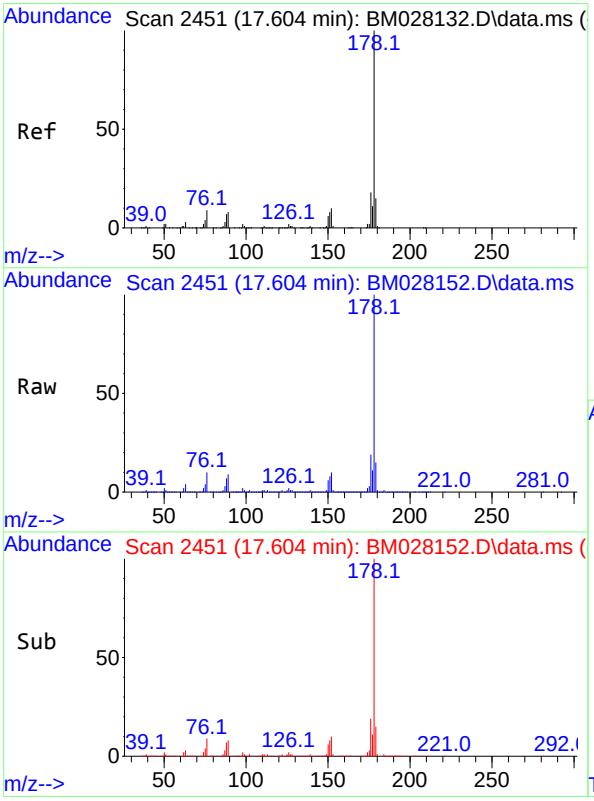


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.557 min Scan# 2443
Delta R.T. -0.000 min
Lab File: BM028152.D
Acq: 17 Dec 2020 21:46

Tgt Ion:188 Resp: 824861

Ion	Ratio	Lower	Upper
188	100		
94	10.4	6.2	9.4#
80	11.1	7.5	11.3

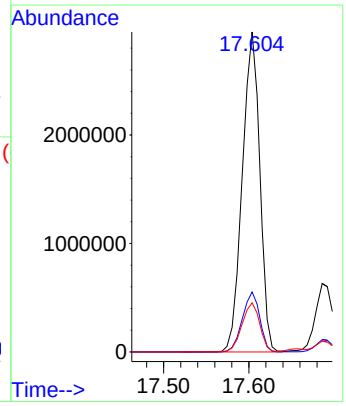




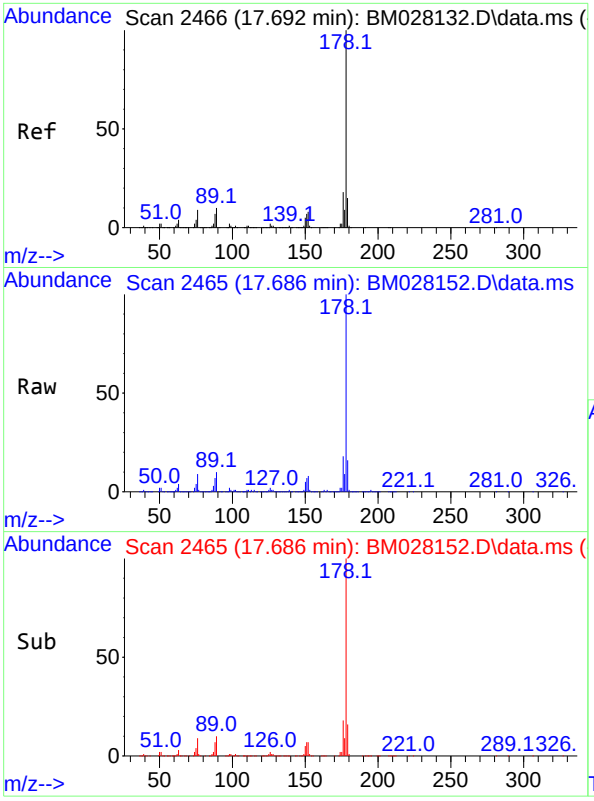
#71
Phenanthrene
Concen: 83.78 ng
RT: 17.604 min Scan# 2451
Delta R.T. -0.000 min
Lab File: BM028152.D
Acq: 17 Dec 2020 21:46

Tgt Ion:178 Resp: 4196898

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.4	12.2	18.4



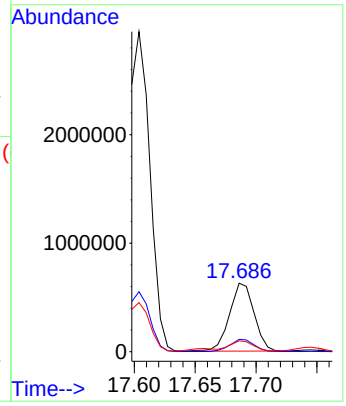
Instrument :
BNA_M
ClientSampleId :
B-2

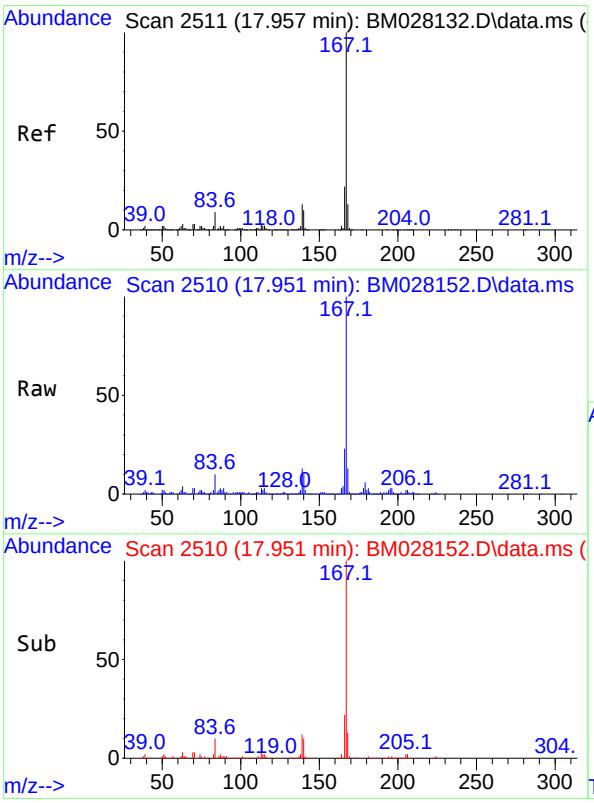


#72
Anthracene
Concen: 18.16 ng
RT: 17.686 min Scan# 2465
Delta R.T. -0.006 min
Lab File: BM028152.D
Acq: 17 Dec 2020 21:46

Tgt Ion:178 Resp: 879461

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.0	22.4
179	15.8	12.5	18.7

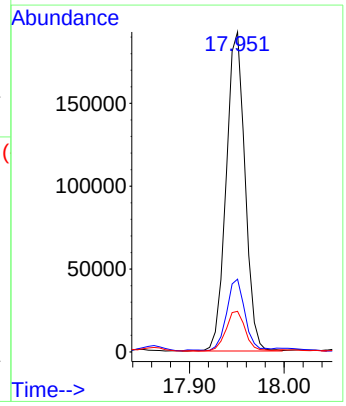




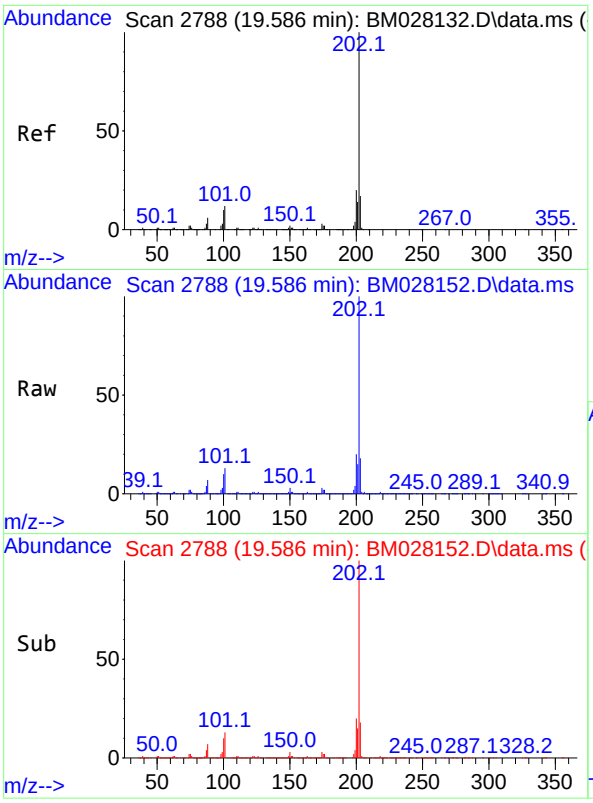
#73
Carbazole
Concen: 5.82 ng
RT: 17.951 min Scan# 2510
Delta R.T. -0.006 min
Lab File: BM028152.D
Acq: 17 Dec 2020 21:46

Tgt Ion:167 Resp: 266063

Ion	Ratio	Lower	Upper
167	100		
166	22.7	16.9	25.3
139	12.7	9.9	14.9



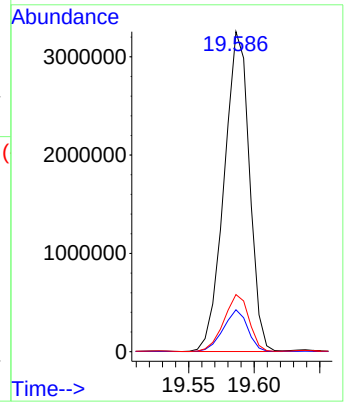
Instrument :
BNA_M
ClientSampleId :
B-2

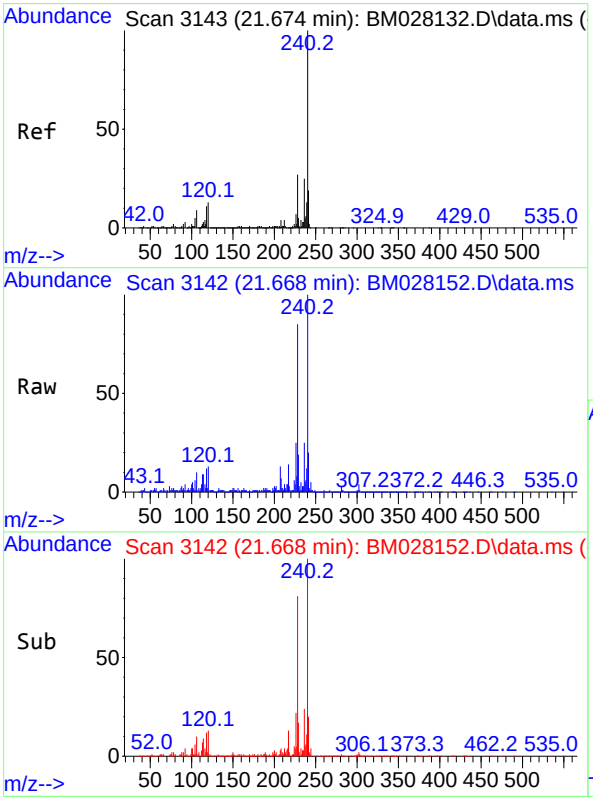


#75
Fluoranthene
Concen: 77.78 ng
RT: 19.586 min Scan# 2788
Delta R.T. -0.000 min
Lab File: BM028152.D
Acq: 17 Dec 2020 21:46

Tgt Ion:202 Resp: 4362840

Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	28.5
203	17.9	0.0	37.3

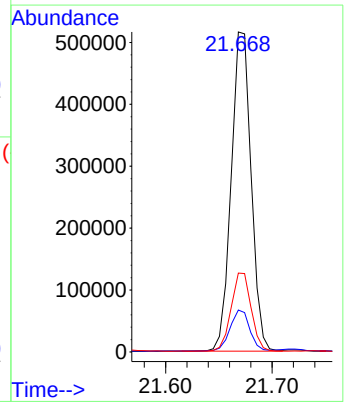




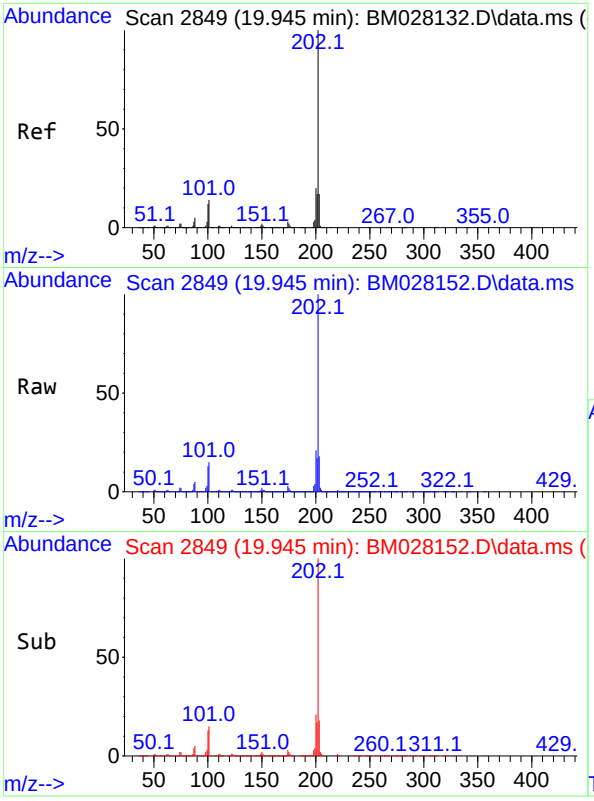
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.668 min Scan# 3142
Delta R.T. -0.006 min
Lab File: BM028152.D
Acq: 17 Dec 2020 21:46

Tgt Ion:240 Resp: 670010

Ion	Ratio	Lower	Upper
240	100		
120	13.1	6.4	9.6#
236	24.7	20.1	30.1



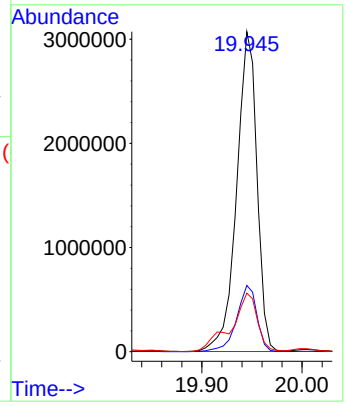
Instrument :
BNA_M
ClientSampleId :
B-2

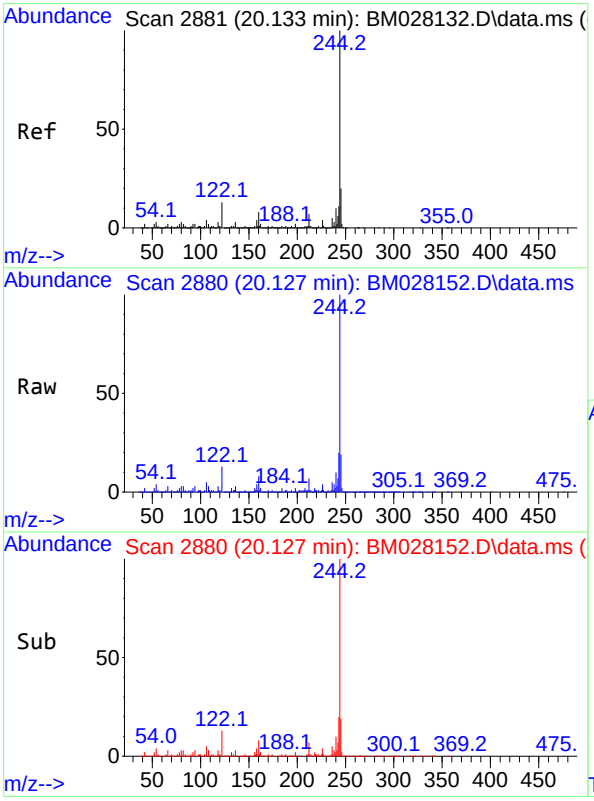


#78
Pyrene
Concen: 89.24 ng
RT: 19.945 min Scan# 2849
Delta R.T. -0.000 min
Lab File: BM028152.D
Acq: 17 Dec 2020 21:46

Tgt Ion:202 Resp: 4328951

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	24.8
203	18.3	13.8	20.6

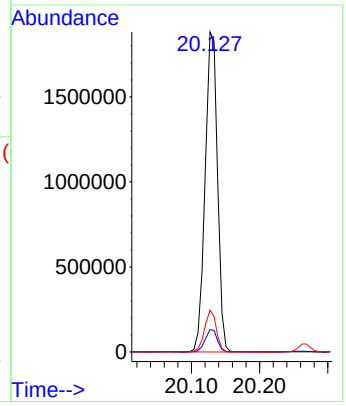




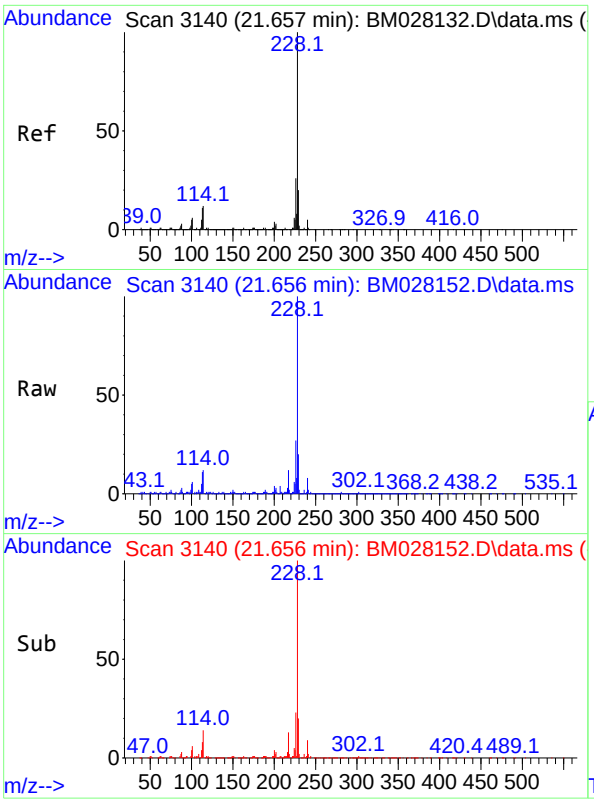
#79
Terphenyl-d14
Concen: 64.16 ng
RT: 20.127 min Scan# 2880
Delta R.T. -0.006 min
Lab File: BM028152.D
Acq: 17 Dec 2020 21:46

Tgt Ion:244 Resp: 2369160

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	13.0	6.5	9.7#



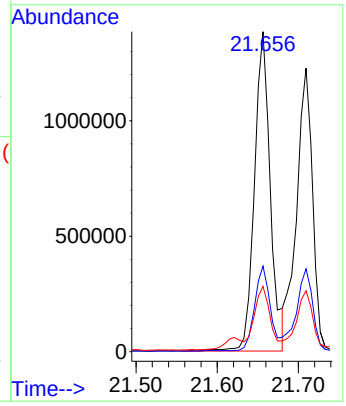
Instrument :
BNA_M
ClientSampleId :
B-2

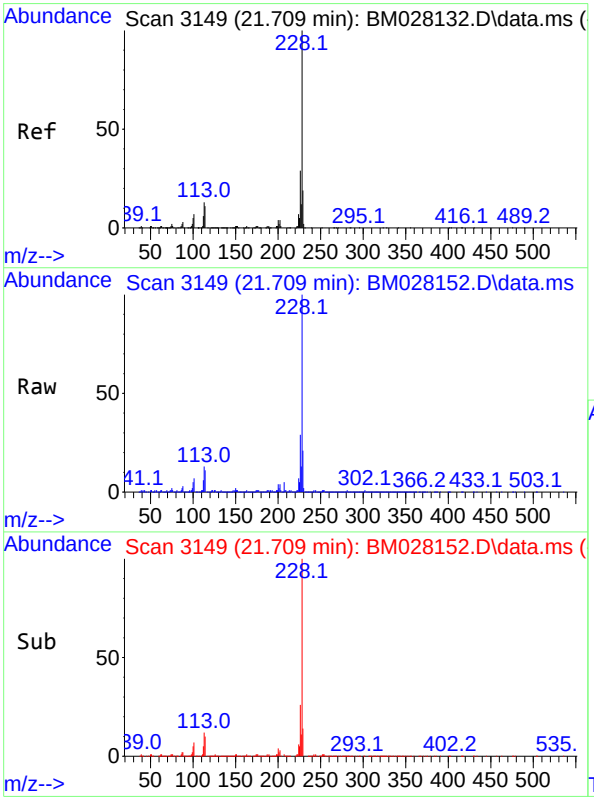


#81
Benzo(a)anthracene
Concen: 41.11 ng
RT: 21.656 min Scan# 3140
Delta R.T. -0.000 min
Lab File: BM028152.D
Acq: 17 Dec 2020 21:46

Tgt Ion:228 Resp: 1876187

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.1	31.7
229	20.4	15.7	23.5

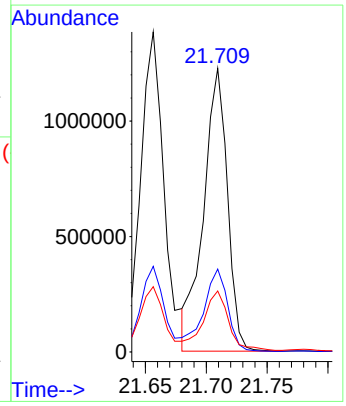




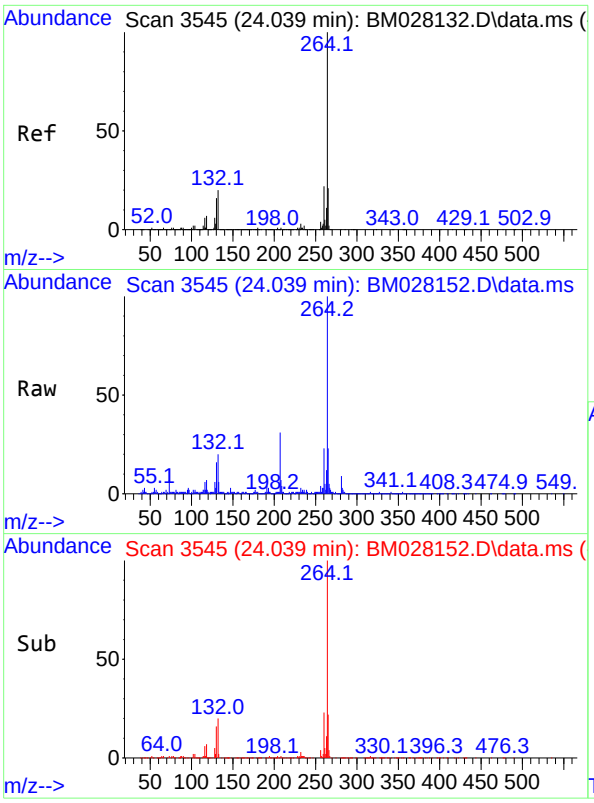
#83
Chrysene
Concen: 37.91 ng
RT: 21.709 min Scan# 3149
Delta R.T. -0.000 min
Lab File: BM028152.D
Acq: 17 Dec 2020 21:46

Tgt Ion:228 Resp: 1675459

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.4	35.0
229	21.5	15.7	23.5



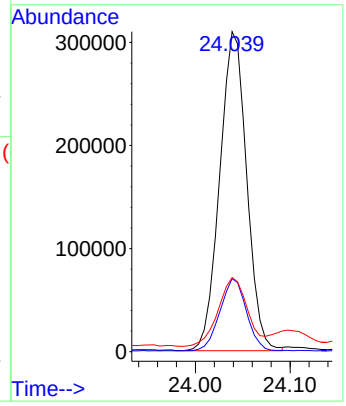
Instrument :
BNA_M
ClientSampleId :
B-2

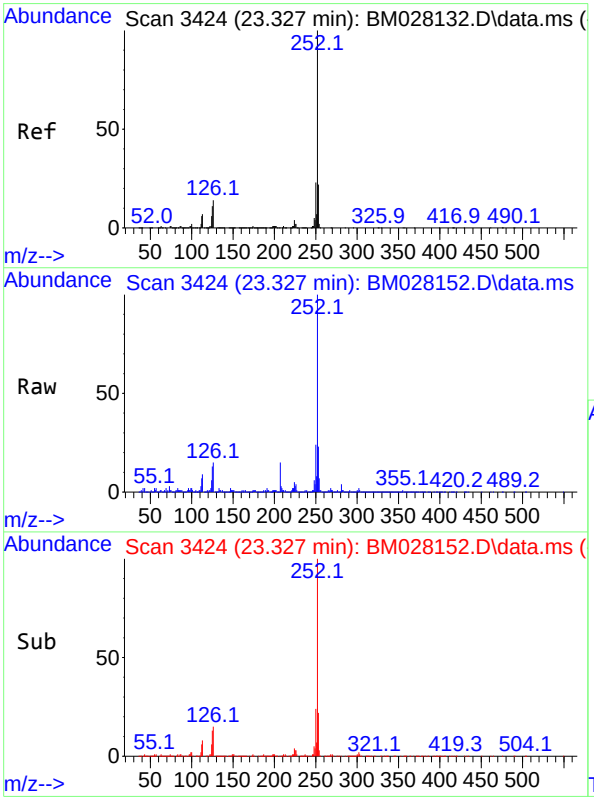


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.039 min Scan# 3545
Delta R.T. -0.000 min
Lab File: BM028152.D
Acq: 17 Dec 2020 21:46

Tgt Ion:264 Resp: 613166

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.0	28.4
265	23.2	17.7	26.5

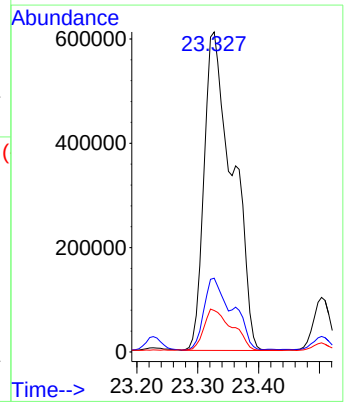




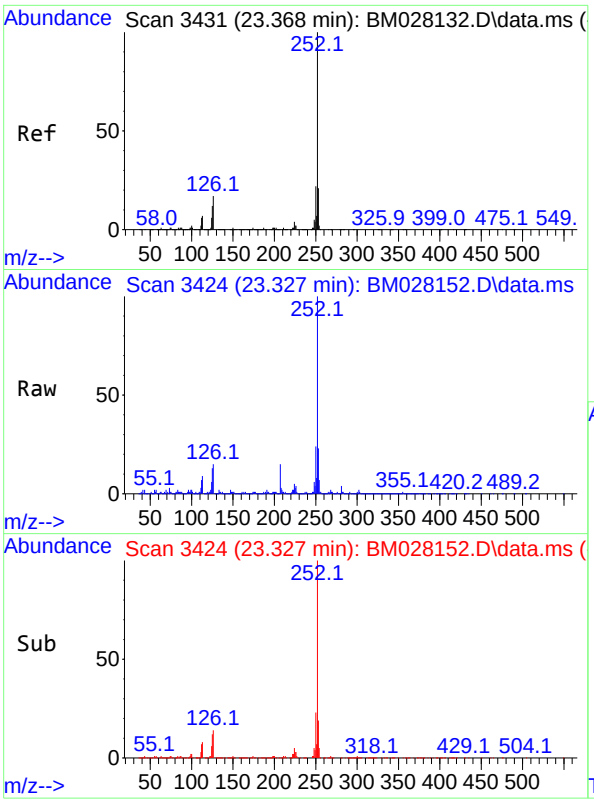
#88
Benzo(b)fluoranthene
Concen: 47.53 ng
RT: 23.327 min Scan# 3424
Delta R.T. -0.000 min
Lab File: BM028152.D
Acq: 17 Dec 2020 21:46

Tgt Ion:252 Resp: 1985423

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.0
125	12.9	5.7	8.5#



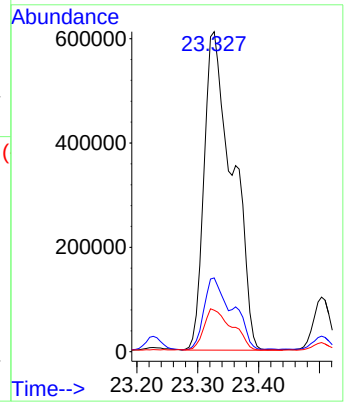
Instrument :
BNA_M
ClientSampleId :
B-2

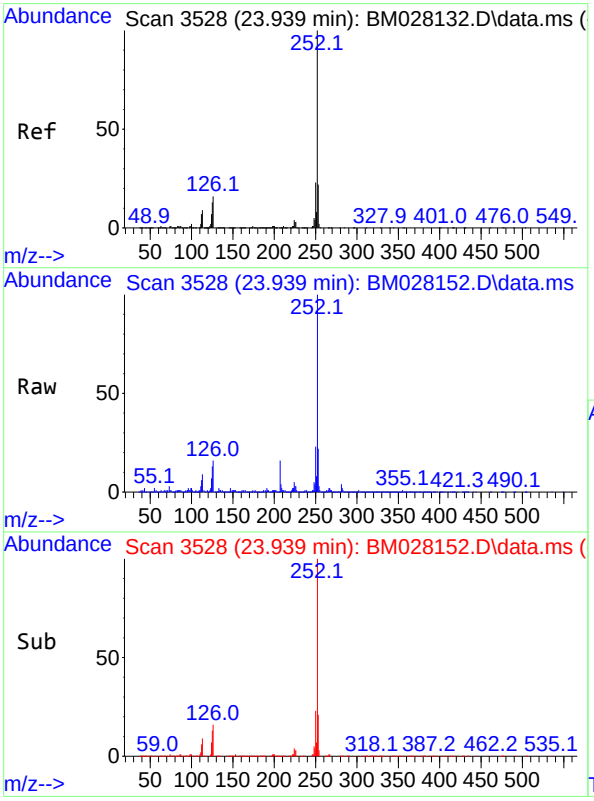


#89
Benzo(k)fluoranthene
Concen: 48.93 ng
RT: 23.327 min Scan# 3424
Delta R.T. -0.041 min
Lab File: BM028152.D
Acq: 17 Dec 2020 21:46

Tgt Ion:252 Resp: 1986268

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.0
125	12.9	5.6	8.4#

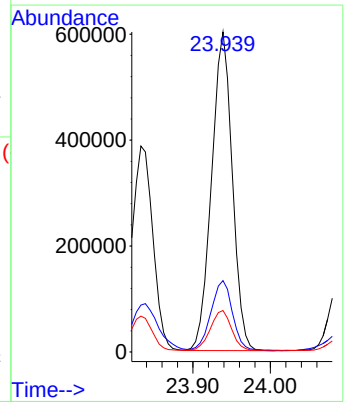




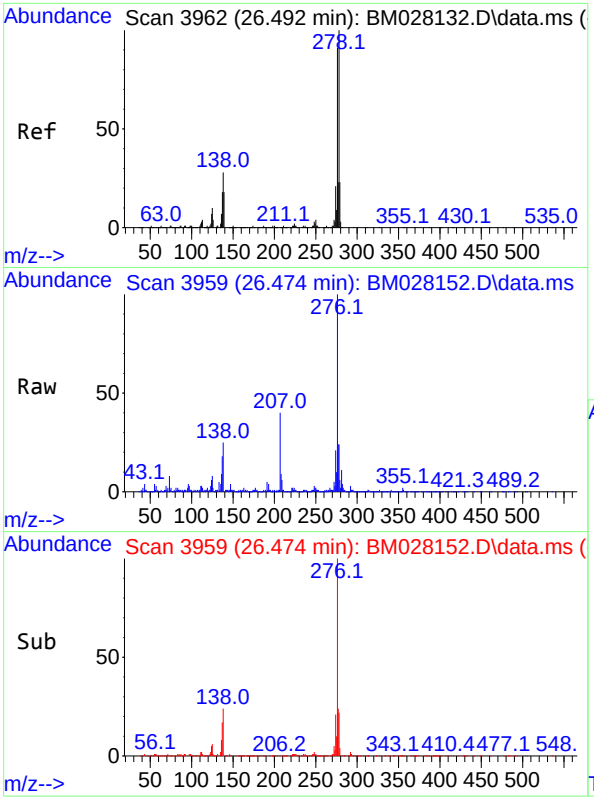
#90
Benzo(a)pyrene
Concen: 29.87 ng
RT: 23.939 min Scan# 3528
Delta R.T. -0.000 min
Lab File: BM028152.D
Acq: 17 Dec 2020 21:46

Tgt Ion:252 Resp: 1119955

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	13.0	6.6	9.8#



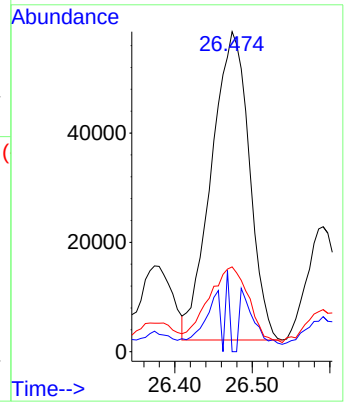
Instrument :
BNA_M
ClientSampleId :
B-2

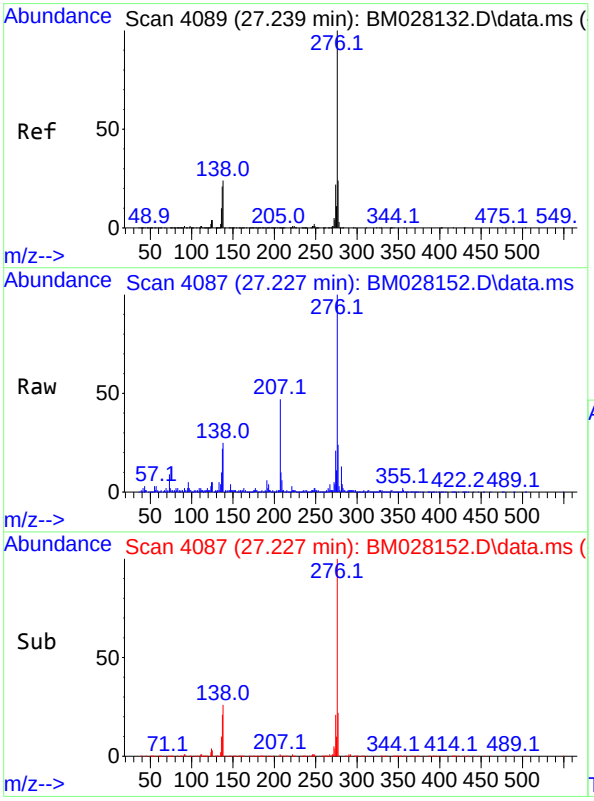


#91
Dibenzo(a,h)anthracene
Concen: 5.63 ng
RT: 26.474 min Scan# 3959
Delta R.T. -0.018 min
Lab File: BM028152.D
Acq: 17 Dec 2020 21:46

Tgt Ion:278 Resp: 191547

Ion	Ratio	Lower	Upper
278	100		
139	0.0	9.0	13.6#
279	26.5	19.0	28.4





#92
Benzo(g,h,i)perylene
Concen: 20.85 ng
RT: 27.227 min Scan# 4087
Delta R.T. -0.012 min
Lab File: BM028152.D
Acq: 17 Dec 2020 21:46

Tgt Ion:276 Resp: 677384

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.6	28.0
138	25.4	12.2	18.2#