Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032222\
Data File : BM034329.D
Acq On : 23 Mar 2022 02:41
Operator : CG/JU
Sample : N1962-04 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C-19-18-19

Quant Time: Mar 23 05:09:42 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 16 02:38:26 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.937	152	158207	20.000	ng		-0.01
21) Naphthalene-d8	10.748	136	619851	20.000	ng		-0.02
39) Acenaphthene-d10	14.577	164	367125	20.000	ng		-0.01
64) Phenanthrene-d10	17.318	188	708016	20.000	ng		-0.01
76) Chrysene-d12	21.489	240	697339	20.000	ng		-0.01
86) Perylene-d12	23.900	264	773427	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.496	112	248302	28.156	ng		0.00
7) Phenol-d6	7.095	99	315693	25.002	ng		-0.01
23) Nitrobenzene-d5	9.095	82	200603	15.757	ng		-0.02
42) 2,4,6-Tribromophenol	16.060	330	116198	23.482	ng		-0.01
45) 2-Fluorobiphenyl	13.207	172	429883	16.001	ng		-0.01
79) Terphenyl-d14	19.936	244	562752	14.022	ng		-0.01
Target Compounds							Qvalue
31) Naphthalene	10.801	128	561068	17.374	ng		100
33) 4-Chloroaniline	10.801	127	73220	5.748	ng	#	32
37) 2-Methylnaphthalene	12.407	142	158531	6.880	ng		99
38) 1-Methylnaphthalene	12.630	142	128710	5.710	ng		100
49) Acenaphthylene	14.301	152	100184	2.992	ng		98
52) Acenaphthene	14.642	154	184736	8.189	ng		97
55) Dibenzofuran	14.971	168	263679	7.844	ng		99
56) 4-Nitrophenol	14.971	139	104593	22.438	ng	#	3
58) Fluorene	15.624	166	377692	13.839	ng		98
71) Phenanthrene	17.359	178	3007804	75.858	ng		99
72) Anthracene	17.448	178	664696	17.223	ng		99
73) Carbazole	17.718	167	215237	5.980	ng		99
75) Fluoranthene	19.371	202	2339442	52.632	ng		99
78) Pyrene	19.736	202	2191775	44.610	ng		100
81) Benzo(a)anthracene	21.471	228	930762	21.147	ng		98
83) Chrysene	21.524	228	864746	19.240	ng		98
87) Indeno(1,2,3-cd)pyrene	26.412	276	410912	8.259	ng		98
88) Benzo(b)fluoranthene	23.171	252	907662	19.625	ng		99
89) Benzo(k)fluoranthene	23.171	252	907662	18.527	ng		100
90) Benzo(a)pyrene	23.794	252	750398	19.139	ng		98
91) Dibenzo(a,h)anthracene	26.418	278	101287	2.511	ng	#	83
92) Benzo(g,h,i)perylene	27.182	276	436125	10.444	ng		100

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

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Misc :
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Instrument :
BNA_M
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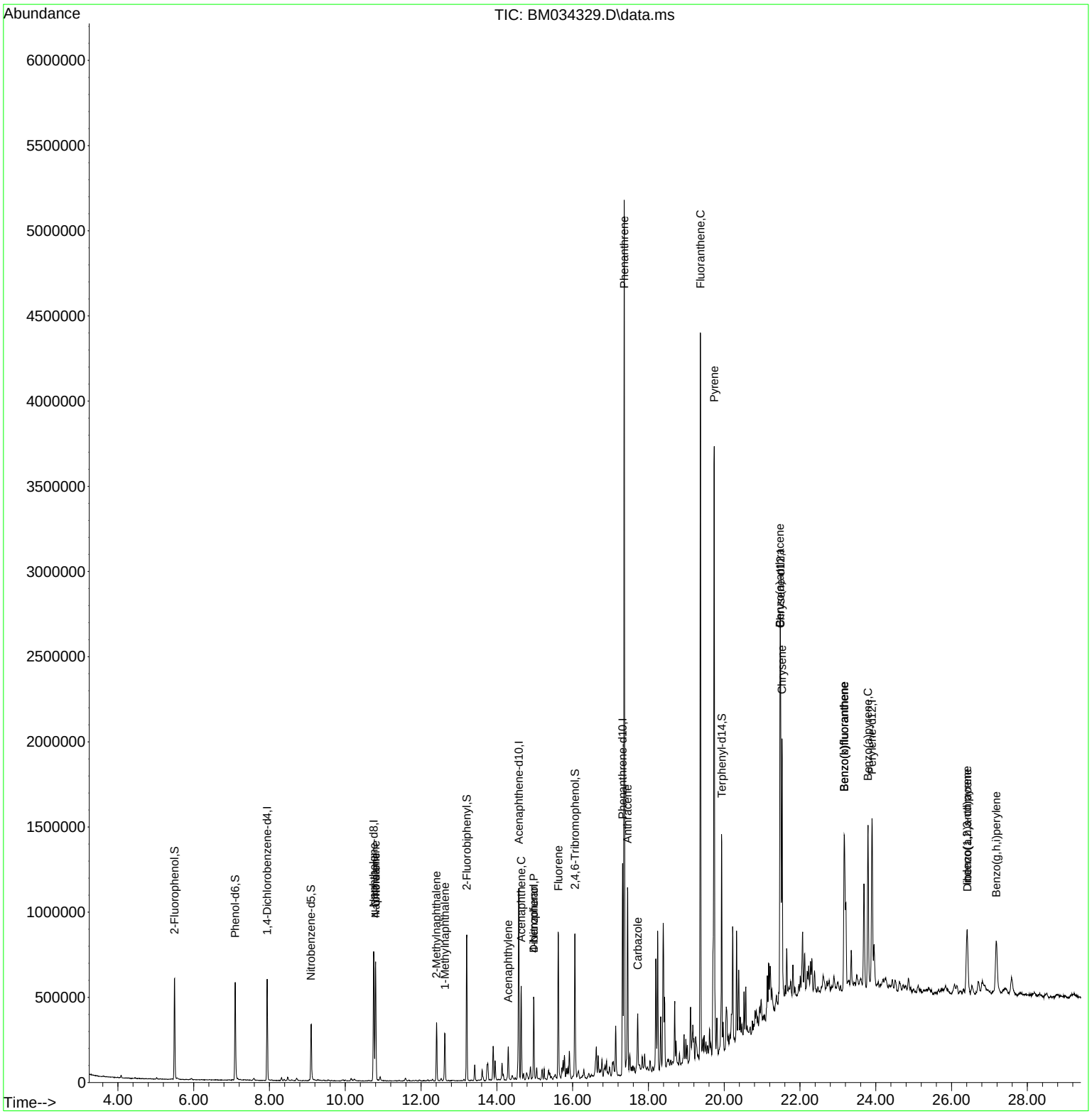
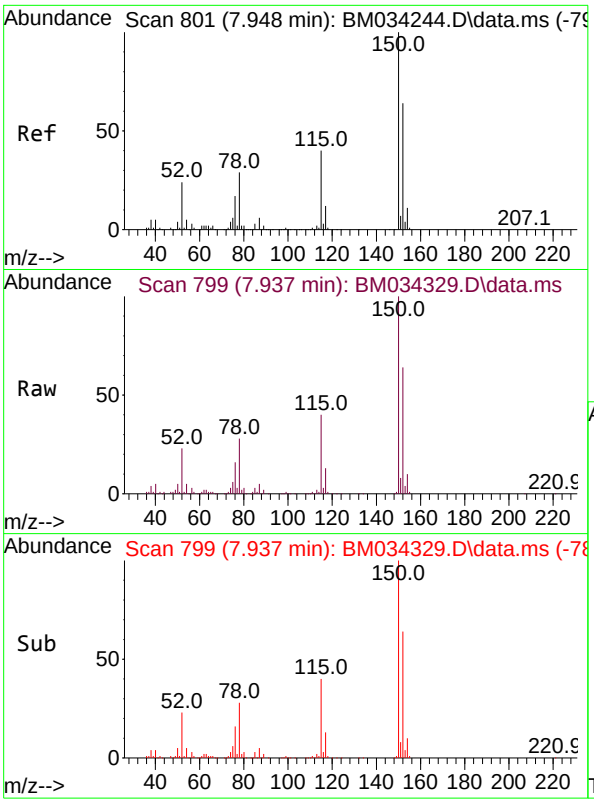


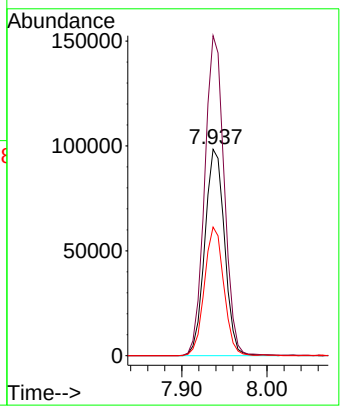


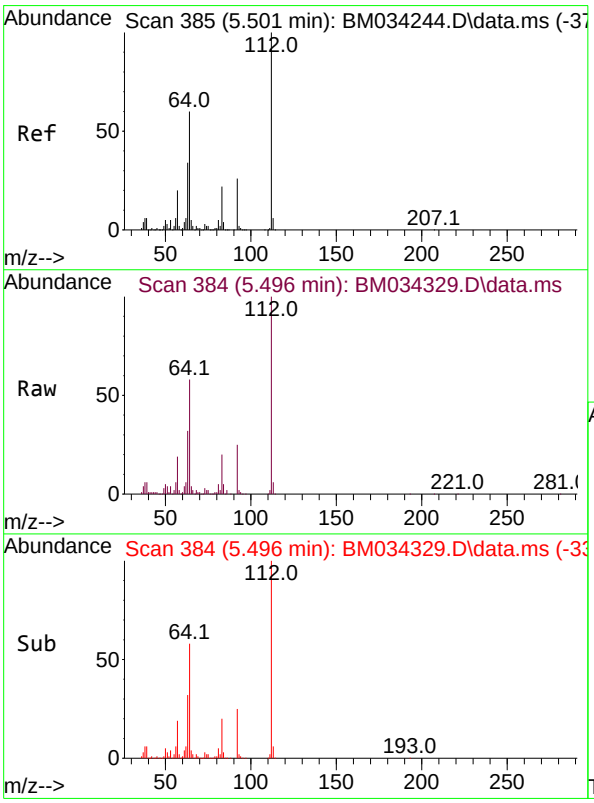
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.937 min Scan# 7
Delta R.T. -0.011 min
Lab File: BM034329.D
Acq: 23 Mar 2022 02:41

Instrument :
BNA_M
ClientSampleId :
C-19-18-19

Tgt Ion:152 Resp: 158207

Ion	Ratio	Lower	Upper
152	100		
150	155.1	125.4	188.2
115	62.4	50.1	75.1

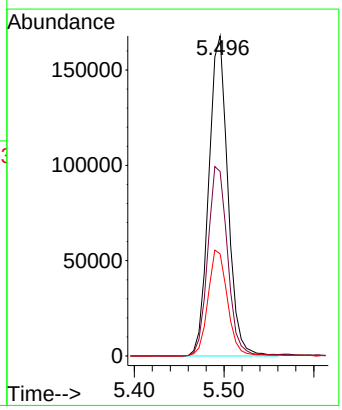


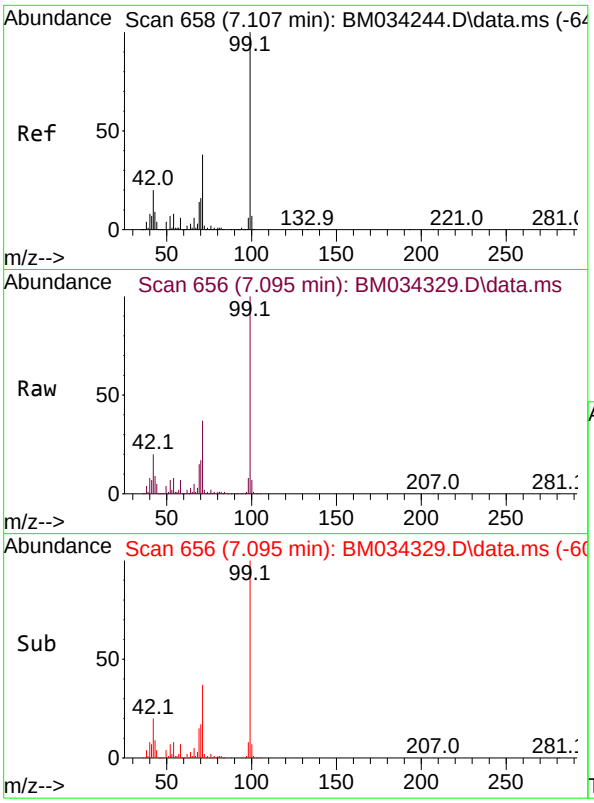


#5
2-Fluorophenol
Concen: 28.156 ng
RT: 5.496 min Scan# 384
Delta R.T. -0.006 min
Lab File: BM034329.D
Acq: 23 Mar 2022 02:41

Tgt Ion:112 Resp: 248302

Ion	Ratio	Lower	Upper
112	100		
64	57.6	47.9	71.9
63	31.9	27.1	40.7



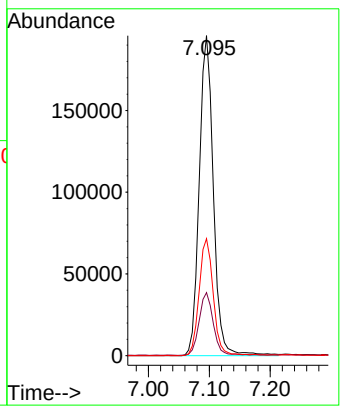


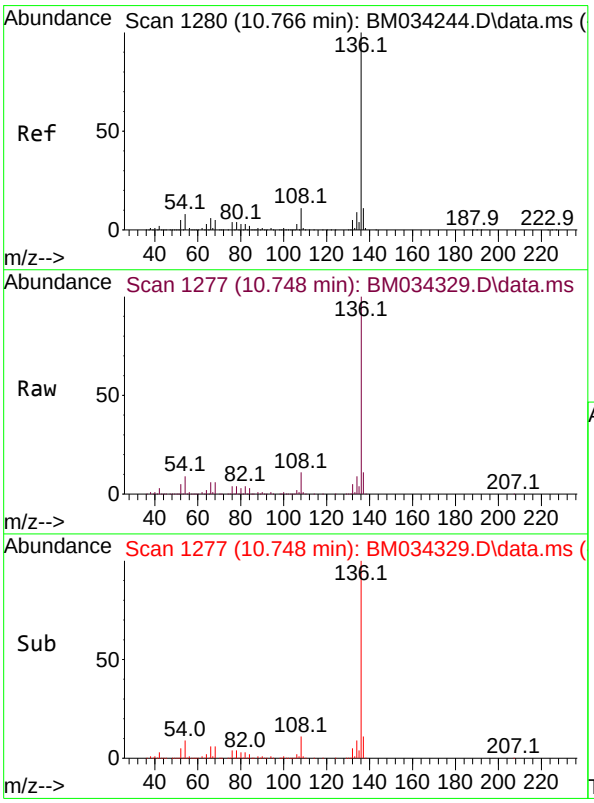
#7
Phenol-d6
Concen: 25.002 ng
RT: 7.095 min Scan# 6
Delta R.T. -0.012 min
Lab File: BM034329.D
Acq: 23 Mar 2022 02:41

Instrument :
BNA_M
ClientSampleId :
C-19-18-19

Tgt Ion: 99 Resp: 315693

Ion	Ratio	Lower	Upper
99	100		
42	19.7	15.6	23.4
71	36.5	30.6	46.0

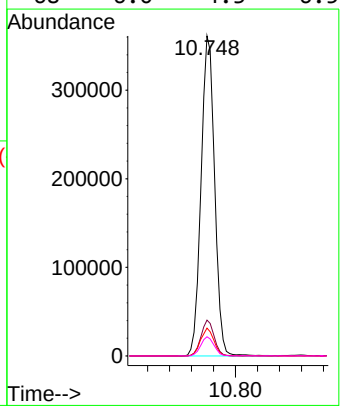


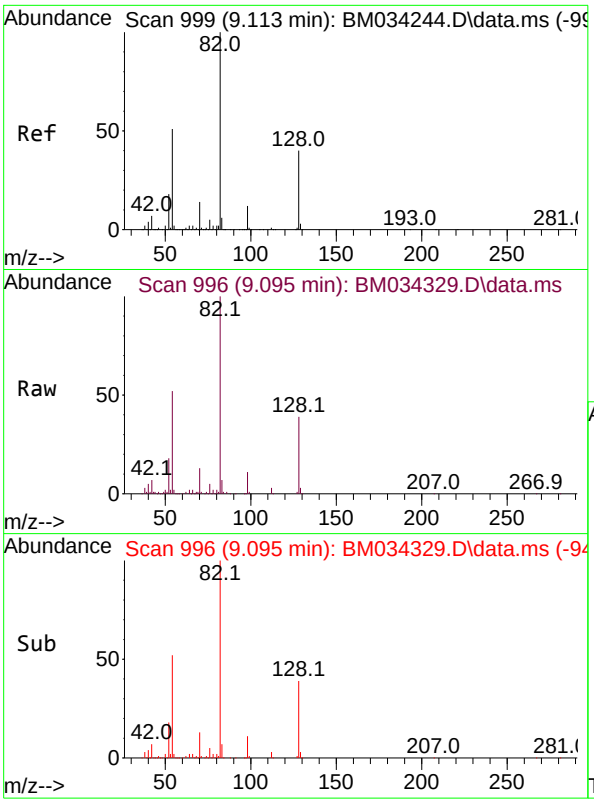


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.748 min Scan# 1277
Delta R.T. -0.018 min
Lab File: BM034329.D
Acq: 23 Mar 2022 02:41

Tgt Ion:136 Resp: 619851

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	8.7	6.2	9.4
68	6.0	4.3	6.5



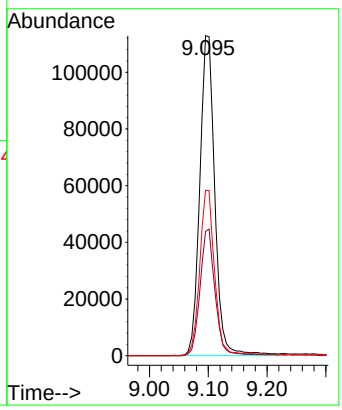


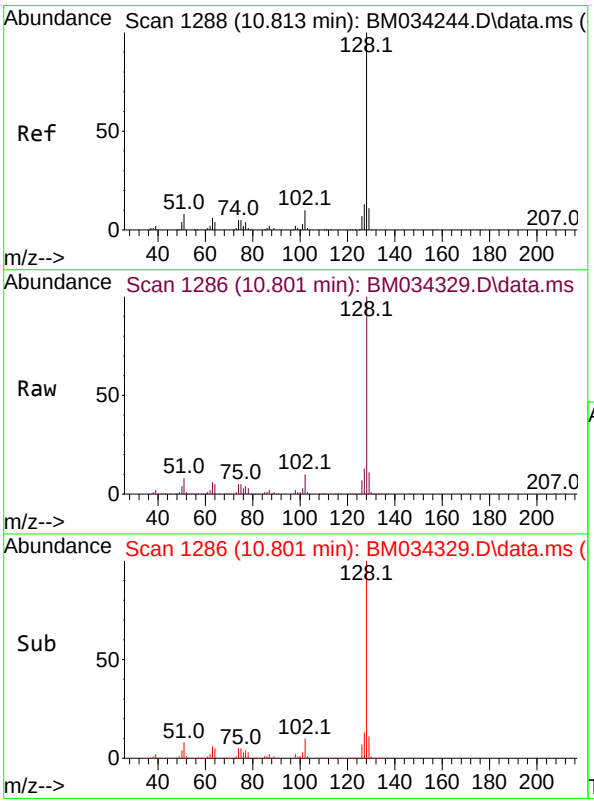
#23
Nitrobenzene-d5
Concen: 15.757 ng
RT: 9.095 min Scan# 9
Delta R.T. -0.018 min
Lab File: BM034329.D
Acq: 23 Mar 2022 02:41

Instrument :
BNA_M
ClientSampleId :
C-19-18-19

Tgt Ion: 82 Resp: 200603

Ion	Ratio	Lower	Upper
82	100		
128	38.8	31.9	47.9
54	51.7	40.6	61.0

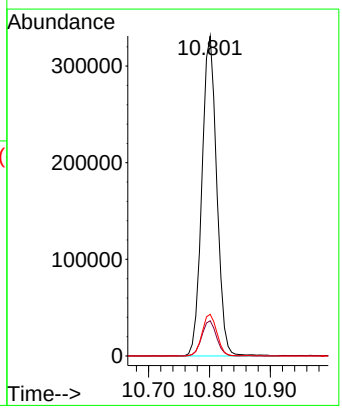


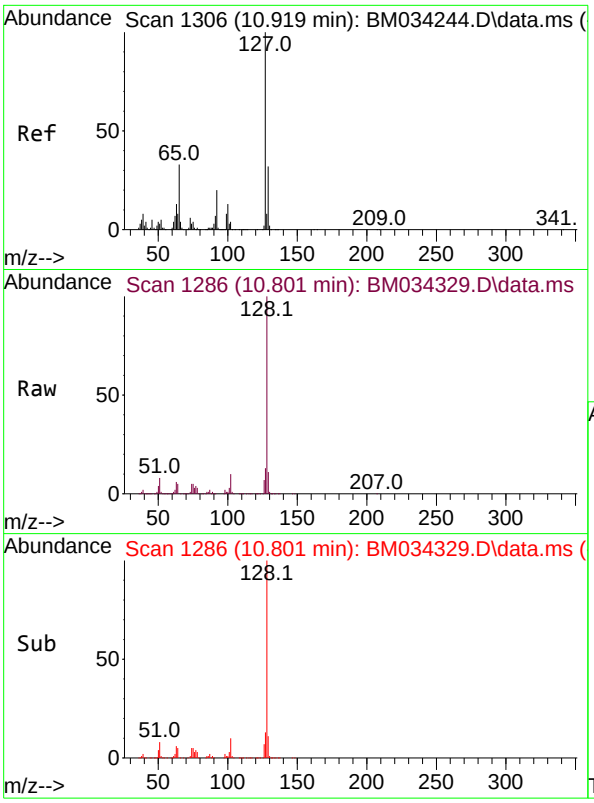


#31
Naphthalene
Concen: 17.374 ng
RT: 10.801 min Scan# 1286
Delta R.T. -0.012 min
Lab File: BM034329.D
Acq: 23 Mar 2022 02:41

Tgt Ion:128 Resp: 561068

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.0	10.2	15.4



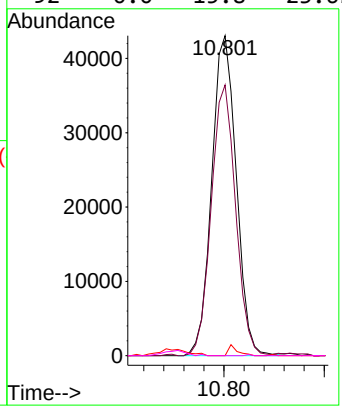


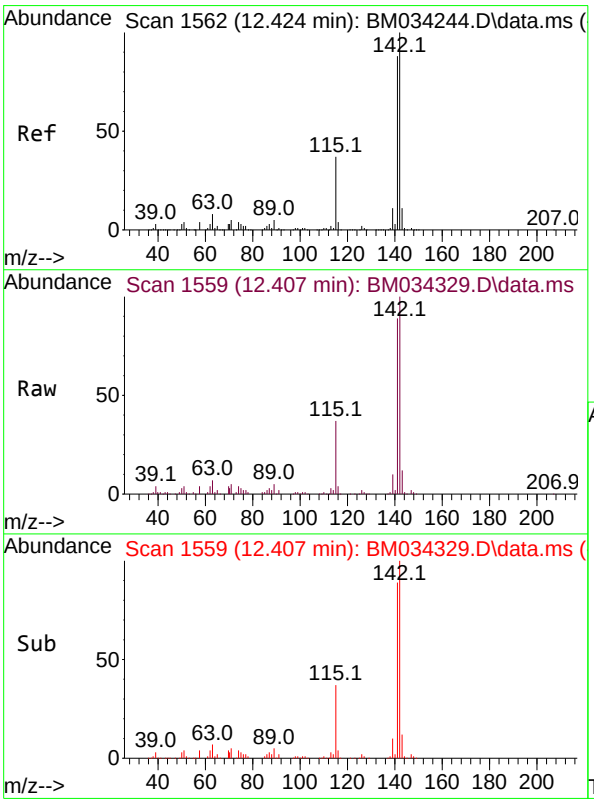
#33
4-Chloroaniline
Concen: 5.748 ng
RT: 10.801 min Scan# 1
Delta R.T. -0.118 min
Lab File: BM034329.D
Acq: 23 Mar 2022 02:41

Instrument :
BNA_M
ClientSampleId :
C-19-18-19

Tgt Ion:127 Resp: 73220

Ion	Ratio	Lower	Upper
127	100		
129	84.6	25.4	38.2#
65	0.0	26.2	39.2#
92	0.0	15.8	23.6#

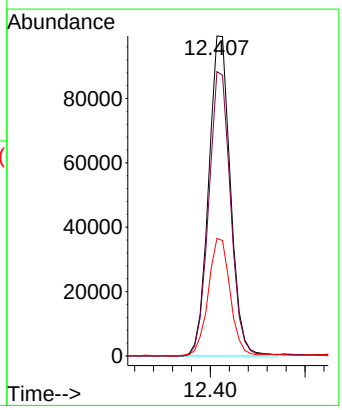


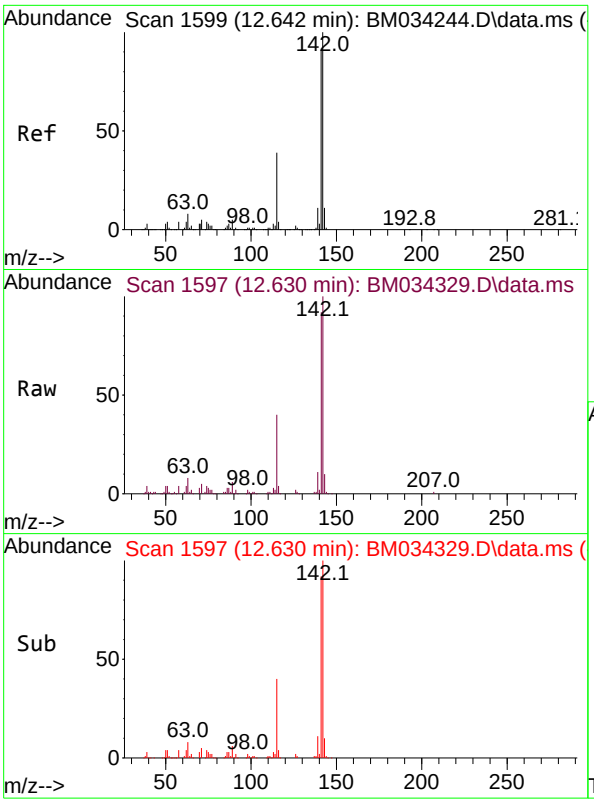


#37
2-Methylnaphthalene
Concen: 6.880 ng
RT: 12.407 min Scan# 1559
Delta R.T. -0.018 min
Lab File: BM034329.D
Acq: 23 Mar 2022 02:41

Tgt Ion:142 Resp: 158531

Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.1	105.1
115	36.7	29.9	44.9



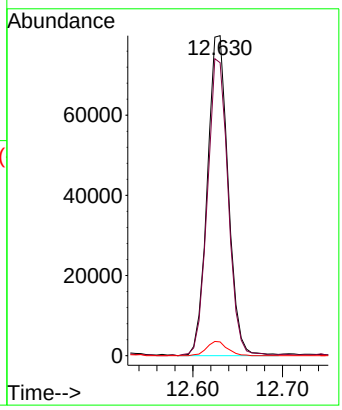


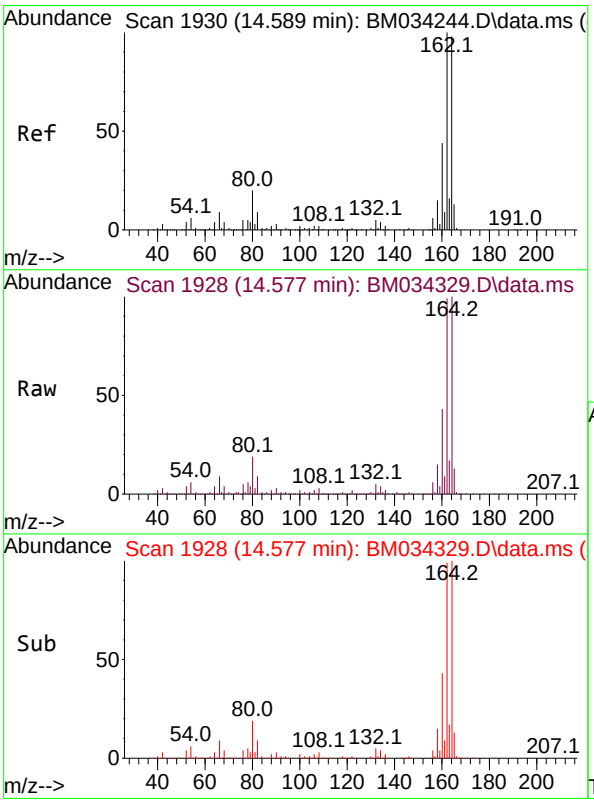
#38
1-Methylnaphthalene
Concen: 5.710 ng
RT: 12.630 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM034329.D
Acq: 23 Mar 2022 02:41

Instrument :
BNA_M
ClientSampleId :
C-19-18-19

Tgt Ion:142 Resp: 128710

Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.0	109.6
116	4.3	3.2	4.8

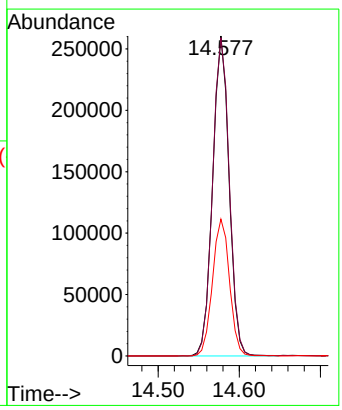


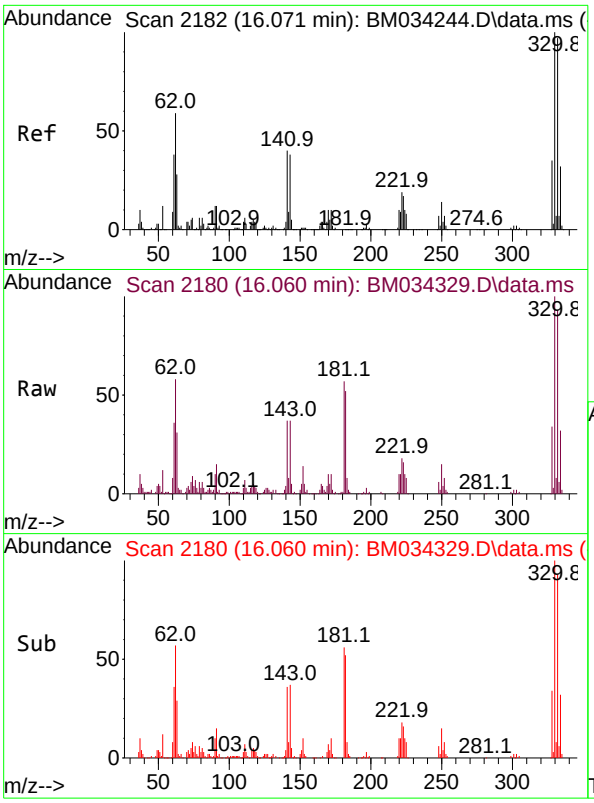


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.577 min Scan# 1928
Delta R.T. -0.012 min
Lab File: BM034329.D
Acq: 23 Mar 2022 02:41

Tgt Ion:164 Resp: 367125

Ion	Ratio	Lower	Upper
164	100		
162	99.4	81.6	122.4
160	42.8	35.6	53.4



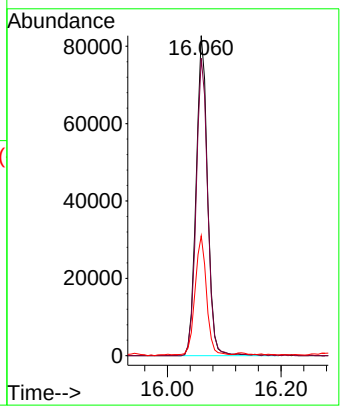


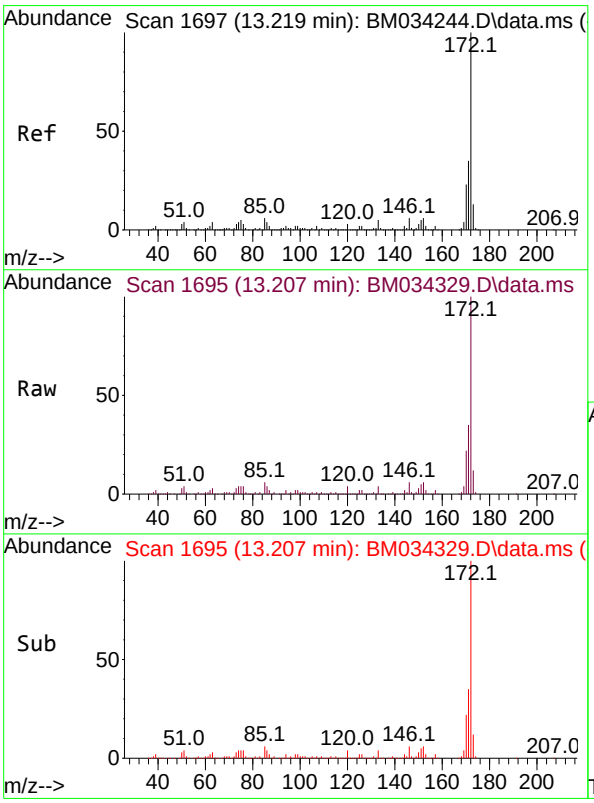
#42
2,4,6-Tribromophenol
Concen: 23.482 ng
RT: 16.060 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM034329.D
Acq: 23 Mar 2022 02:41

Instrument :
BNA_M
ClientSampleId :
C-19-18-19

Tgt Ion:330 Resp: 116198

Ion	Ratio	Lower	Upper
330	100		
332	93.4	78.2	117.4
141	36.5	30.6	45.8

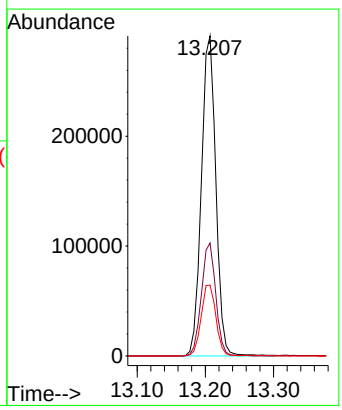


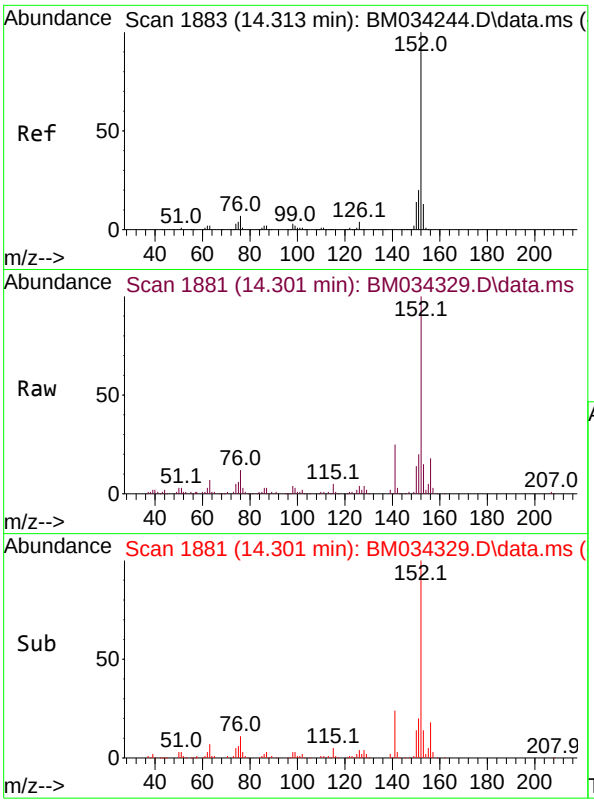


#45
2-Fluorobiphenyl
Concen: 16.001 ng
RT: 13.207 min Scan# 1695
Delta R.T. -0.012 min
Lab File: BM034329.D
Acq: 23 Mar 2022 02:41

Tgt Ion:172 Resp: 429883

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.0	42.0
170	22.2	18.6	28.0



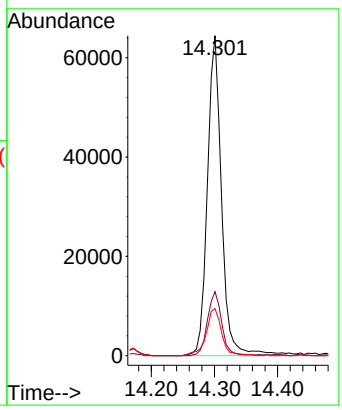


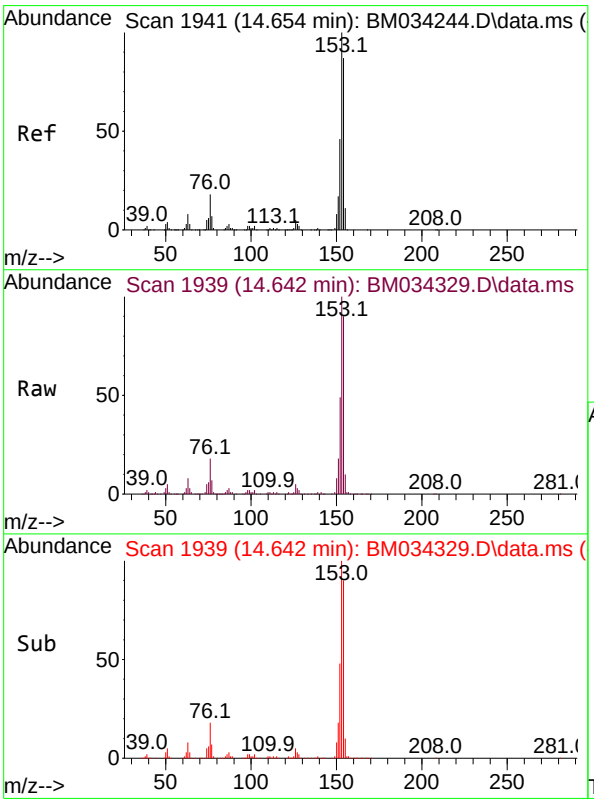
#49
Acenaphthylene
Concen: 2.992 ng
RT: 14.301 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM034329.D
Acq: 23 Mar 2022 02:41

Instrument :
BNA_M
ClientSampleId :
C-19-18-19

Tgt Ion:152 Resp: 100184

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.9	23.9
153	14.7	10.6	16.0

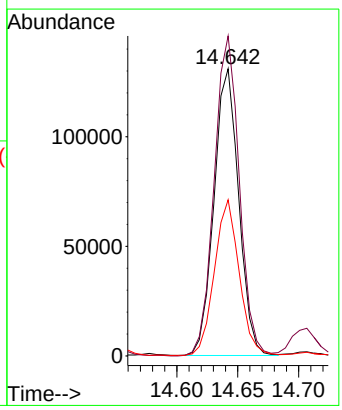


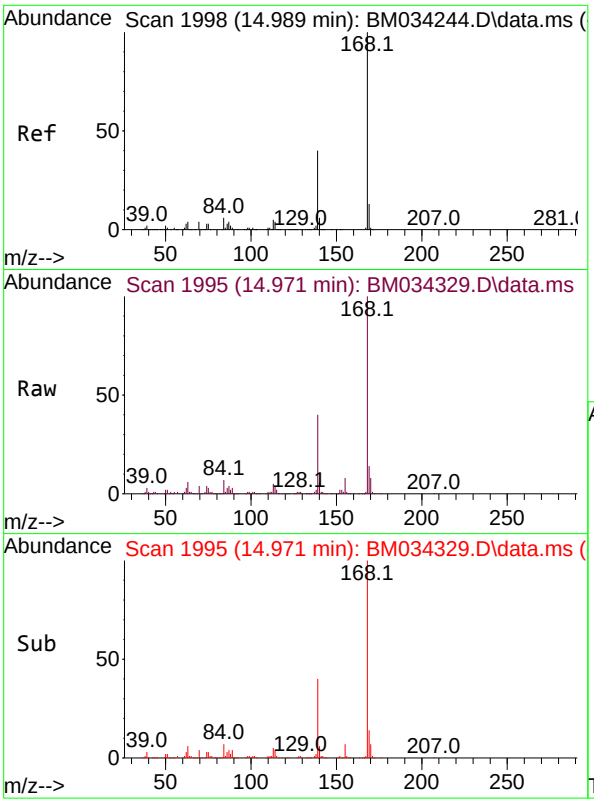


#52
Acenaphthene
Concen: 8.189 ng
RT: 14.642 min Scan# 1939
Delta R.T. -0.012 min
Lab File: BM034329.D
Acq: 23 Mar 2022 02:41

Tgt Ion:154 Resp: 184736

Ion	Ratio	Lower	Upper
154	100		
153	111.4	91.8	137.8
152	54.4	42.6	64.0



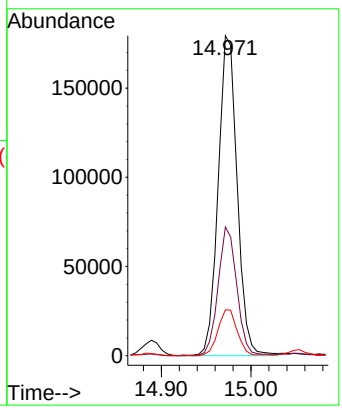


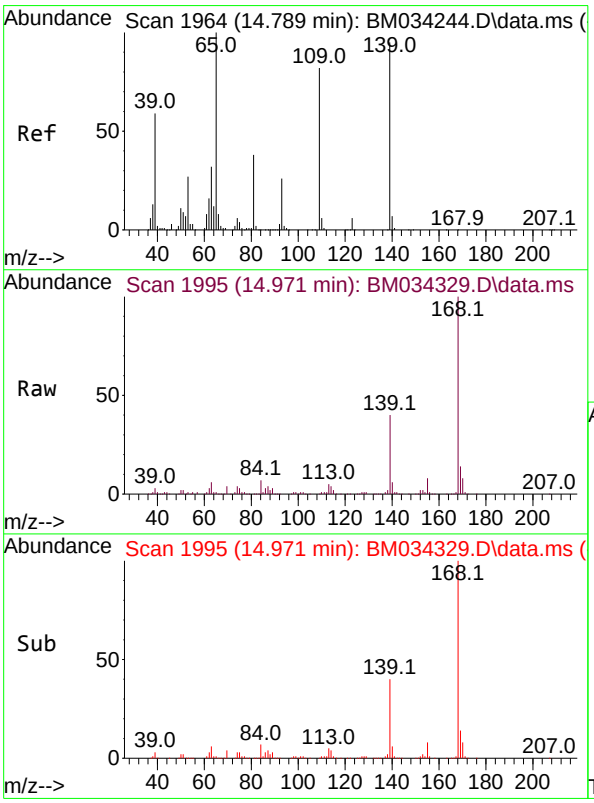
#55
Dibenzofuran
Concen: 7.844 ng
RT: 14.971 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM034329.D
Acq: 23 Mar 2022 02:41

Instrument :
BNA_M
ClientSampleId :
C-19-18-19

Tgt Ion:168 Resp: 263679

Ion	Ratio	Lower	Upper
168	100		
139	40.3	32.4	48.6
169	14.4	10.8	16.2

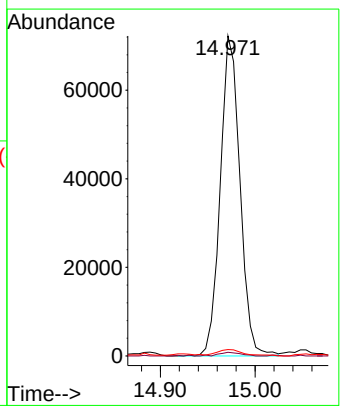


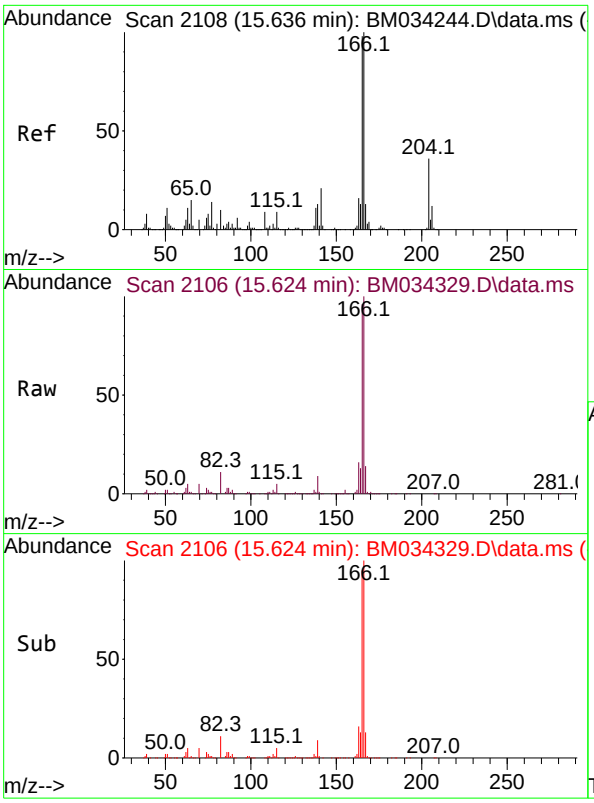


#56
4-Nitrophenol
Concen: 22.438 ng
RT: 14.971 min Scan# 1995
Delta R.T. 0.182 min
Lab File: BM034329.D
Acq: 23 Mar 2022 02:41

Tgt Ion:139 Resp: 104593

Ion	Ratio	Lower	Upper
139	100		
109	1.2	66.3	106.3#
65	2.0	85.5	125.5#



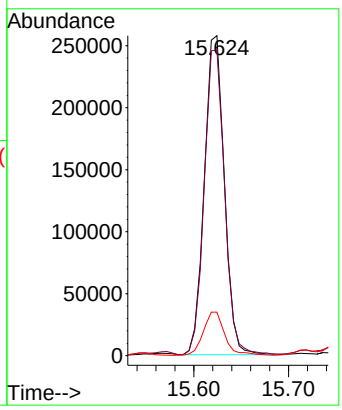


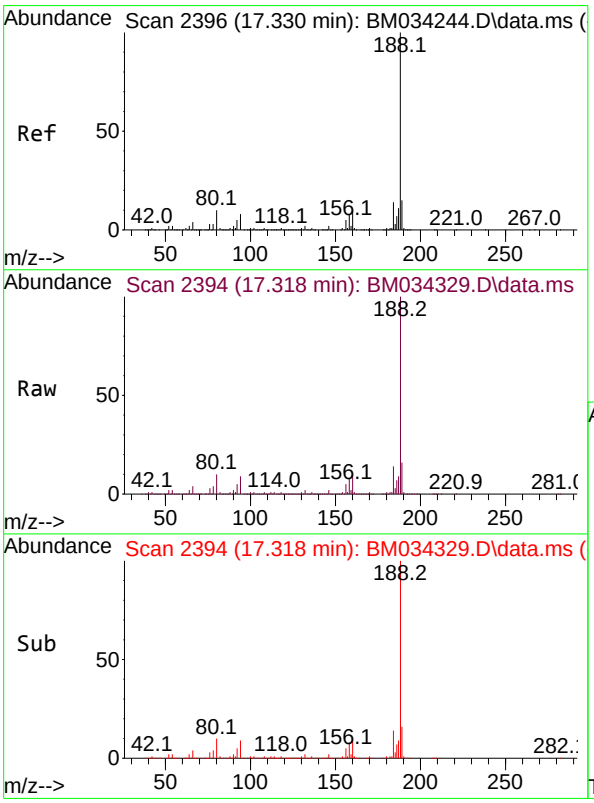
#58
Fluorene
Concen: 13.839 ng
RT: 15.624 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM034329.D
Acq: 23 Mar 2022 02:41

Instrument :
BNA_M
ClientSampleId :
C-19-18-19

Tgt Ion:166 Resp: 377692

Ion	Ratio	Lower	Upper
166	100		
165	95.5	78.0	117.0
167	13.6	10.5	15.7

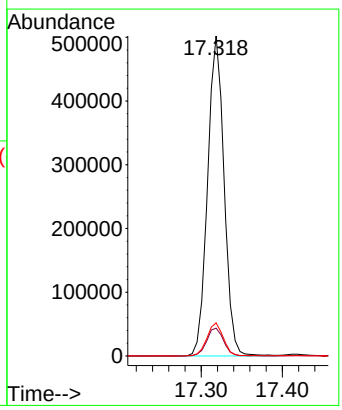


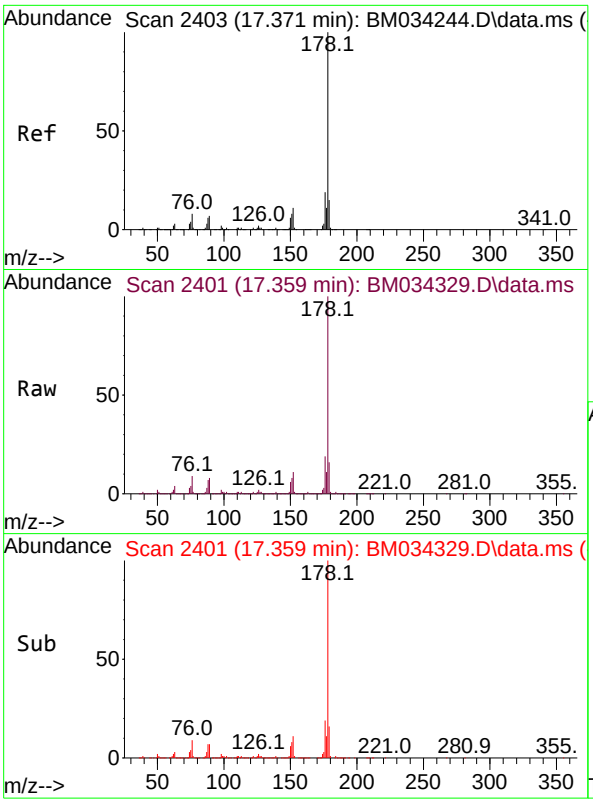


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.318 min Scan# 2394
Delta R.T. -0.012 min
Lab File: BM034329.D
Acq: 23 Mar 2022 02:41

Tgt Ion:188 Resp: 708016

Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.6	9.8
80	10.4	7.8	11.8



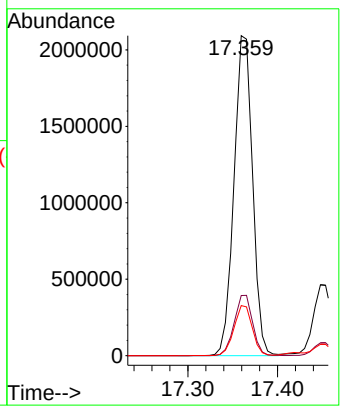


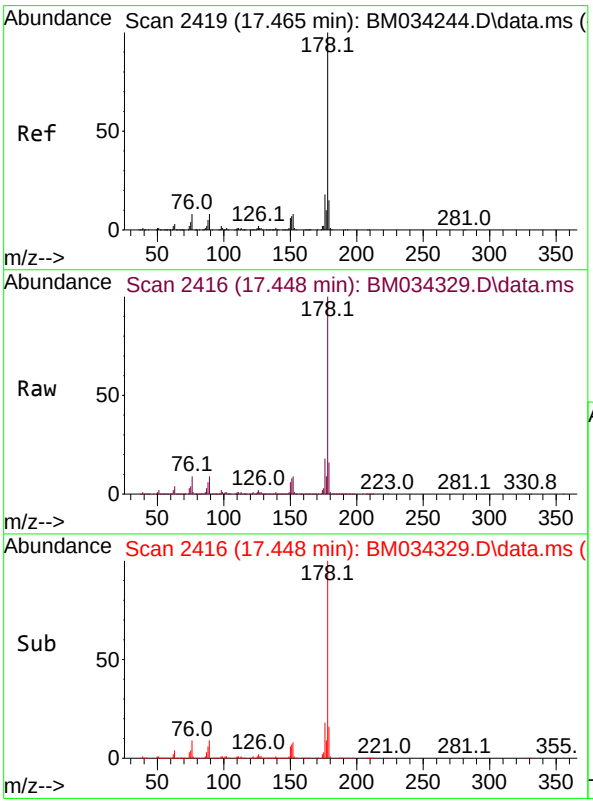
#71
Phenanthrene
Concen: 75.858 ng
RT: 17.359 min Scan# 24
Delta R.T. -0.012 min
Lab File: BM034329.D
Acq: 23 Mar 2022 02:41

Instrument :
BNA_M
ClientSampleId :
C-19-18-19

Tgt Ion:178 Resp: 3007804

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.1	22.7
179	15.6	12.2	18.4

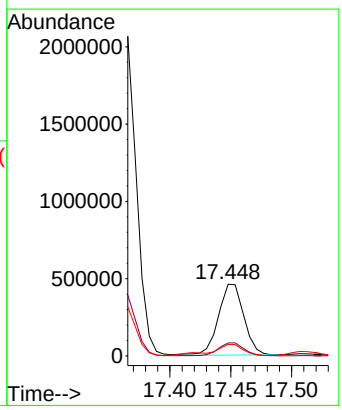


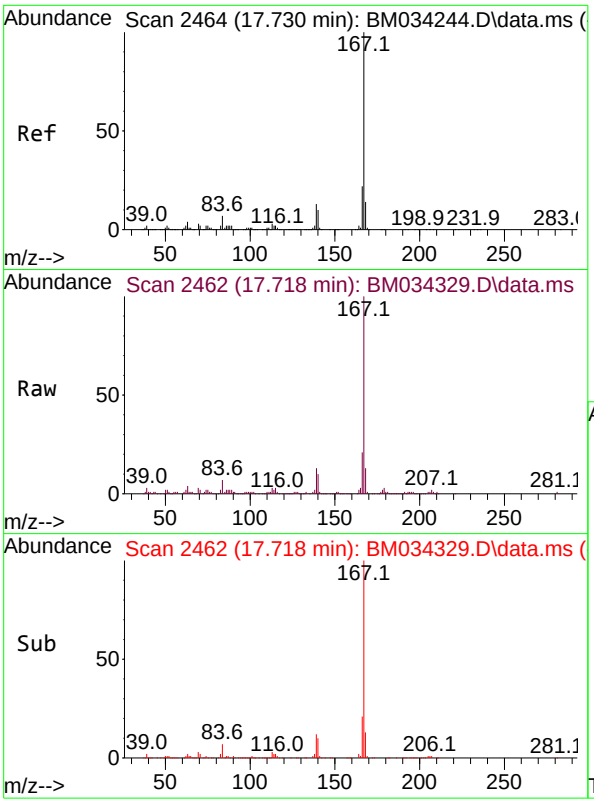


#72
Anthracene
Concen: 17.223 ng
RT: 17.448 min Scan# 2416
Delta R.T. -0.018 min
Lab File: BM034329.D
Acq: 23 Mar 2022 02:41

Tgt Ion:178 Resp: 664696

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.6	22.0
179	16.0	12.2	18.2



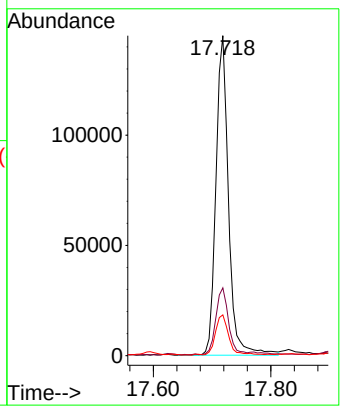


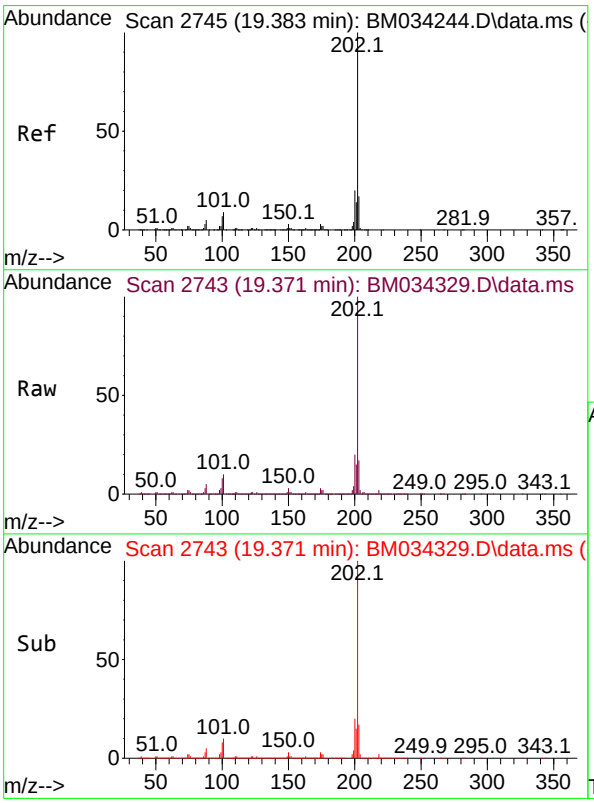
#73
Carbazole
Concen: 5.980 ng
RT: 17.718 min Scan# 24
Delta R.T. -0.012 min
Lab File: BM034329.D
Acq: 23 Mar 2022 02:41

Instrument :
BNA_M
ClientSampleId :
C-19-18-19

Tgt Ion:167 Resp: 215237

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.4	26.2
139	12.8	10.4	15.6

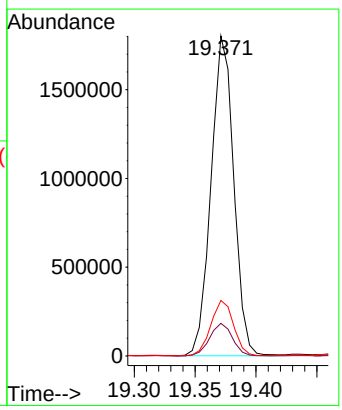


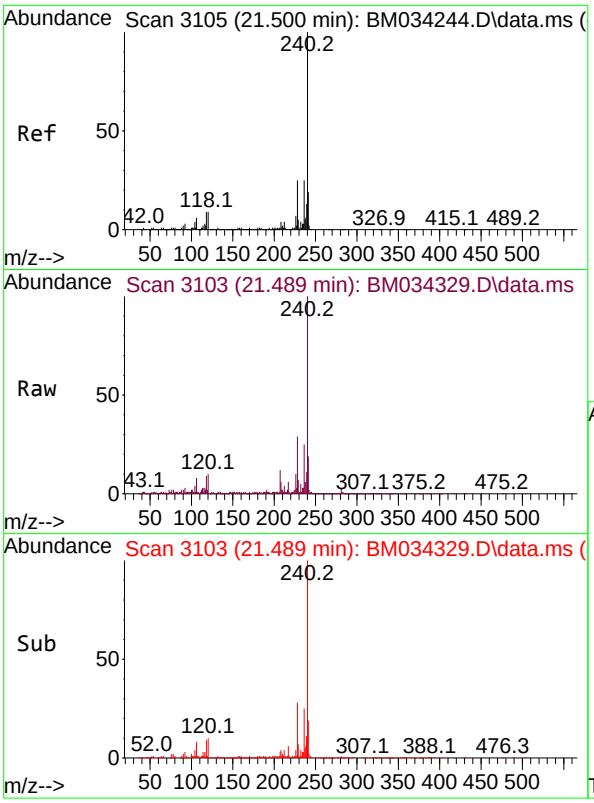


#75
Fluoranthene
Concen: 52.632 ng
RT: 19.371 min Scan# 2743
Delta R.T. -0.012 min
Lab File: BM034329.D
Acq: 23 Mar 2022 02:41

Tgt Ion:202 Resp: 2339442

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	29.4
203	17.4	0.0	37.1



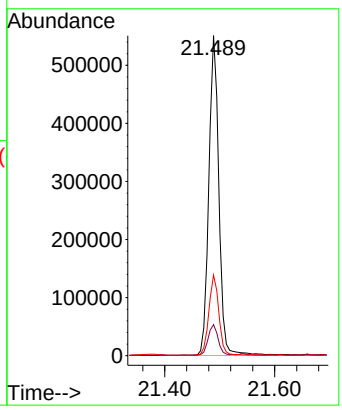


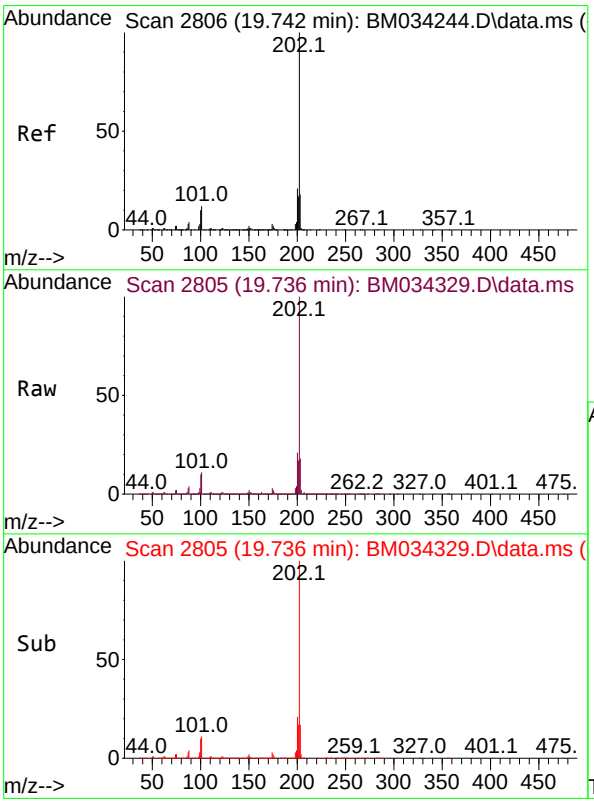
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.489 min Scan# 3
Delta R.T. -0.012 min
Lab File: BM034329.D
Acq: 23 Mar 2022 02:41

Instrument :
BNA_M
ClientSampleId :
C-19-18-19

Tgt Ion:240 Resp: 697339

Ion	Ratio	Lower	Upper
240	100		
120	9.7	7.3	10.9
236	25.2	20.2	30.2

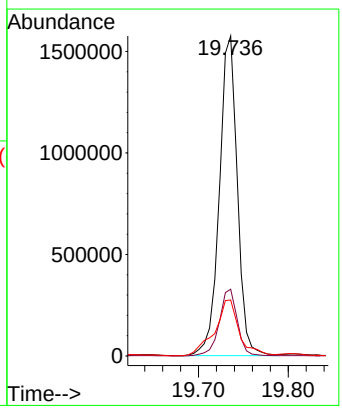


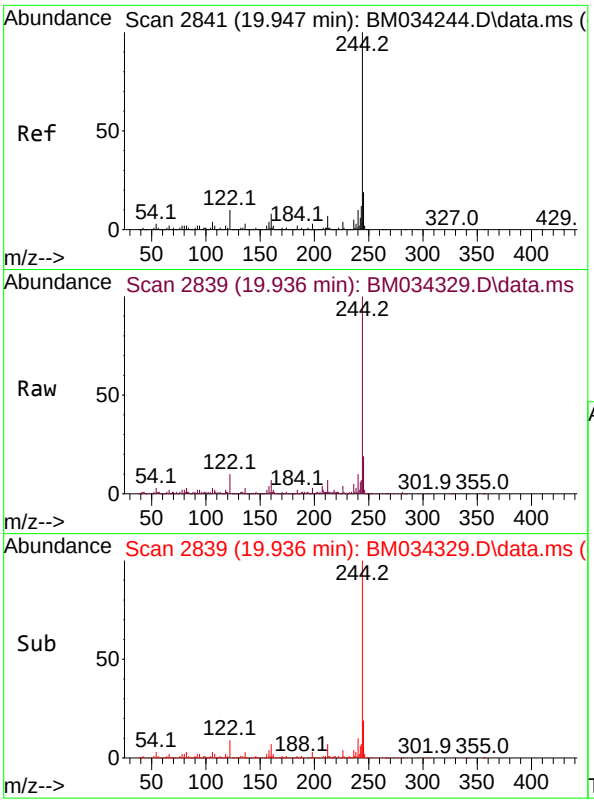


#78
Pyrene
Concen: 44.610 ng
RT: 19.736 min Scan# 2805
Delta R.T. -0.006 min
Lab File: BM034329.D
Acq: 23 Mar 2022 02:41

Tgt Ion:202 Resp: 2191775

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	24.8
203	17.5	14.1	21.1



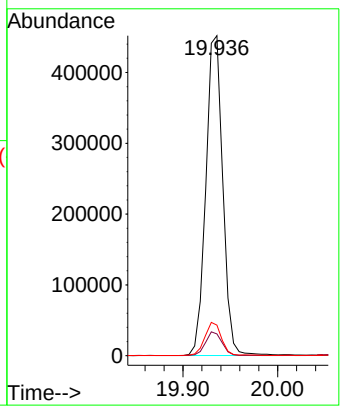


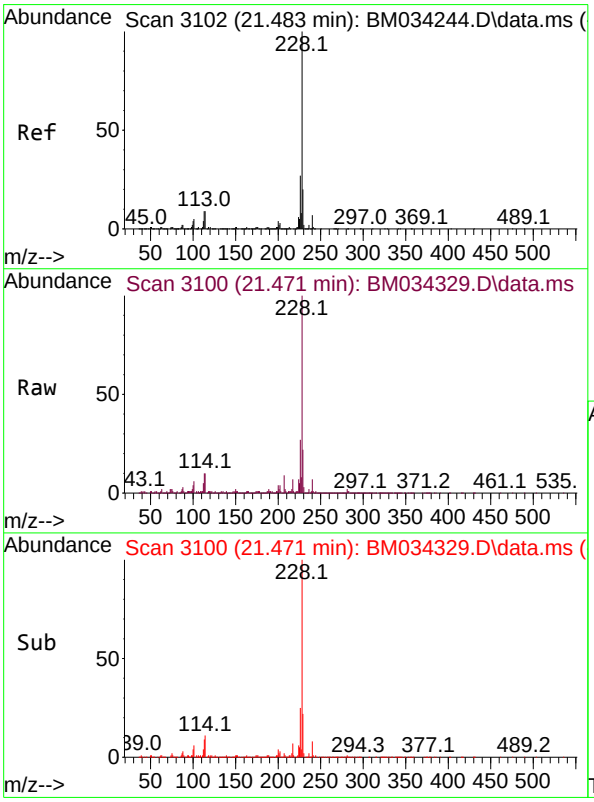
#79
Terphenyl-d14
Concen: 14.022 ng
RT: 19.936 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM034329.D
Acq: 23 Mar 2022 02:41

Instrument :
BNA_M
ClientSampleId :
C-19-18-19

Tgt Ion:244 Resp: 562752

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.9	8.9
122	9.6	7.8	11.8

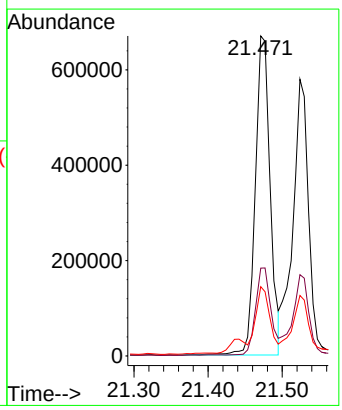


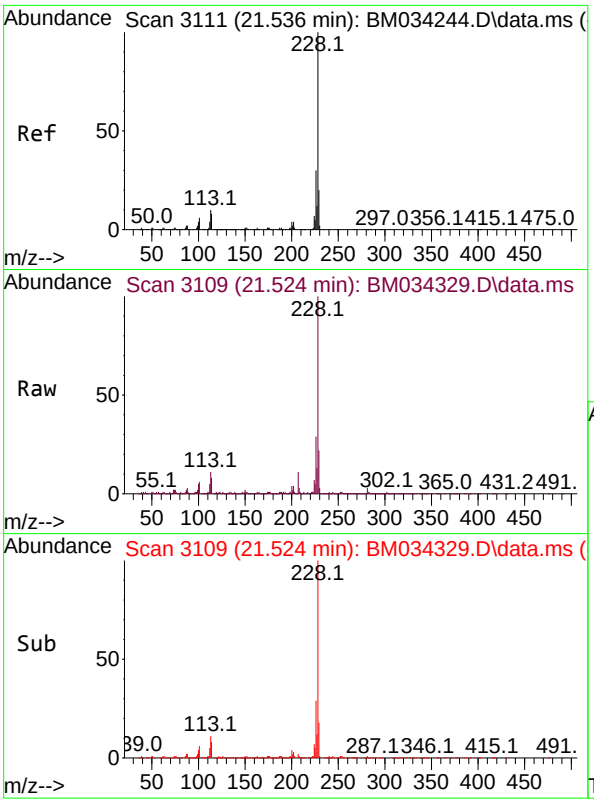


#81
Benzo(a)anthracene
Concen: 21.147 ng
RT: 21.471 min Scan# 3100
Delta R.T. -0.012 min
Lab File: BM034329.D
Acq: 23 Mar 2022 02:41

Tgt Ion:228 Resp: 930762

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.6	32.4
229	21.7	15.8	23.6



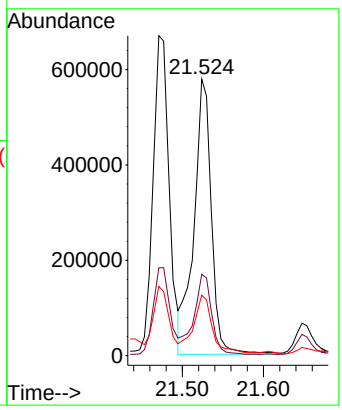


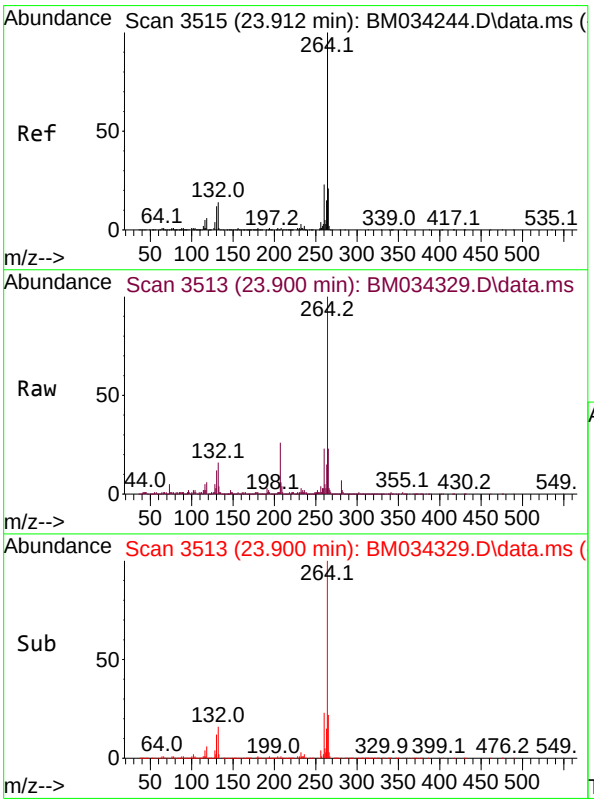
#83
Chrysene
Concen: 19.240 ng
RT: 21.524 min Scan# 3
Delta R.T. -0.012 min
Lab File: BM034329.D
Acq: 23 Mar 2022 02:41

Instrument :
BNA_M
ClientSampleId :
C-19-18-19

Tgt Ion:228 Resp: 864746

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.8	35.6
229	21.9	15.6	23.4

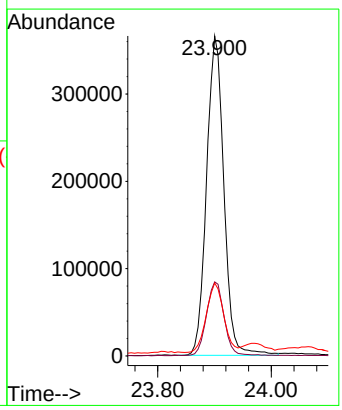


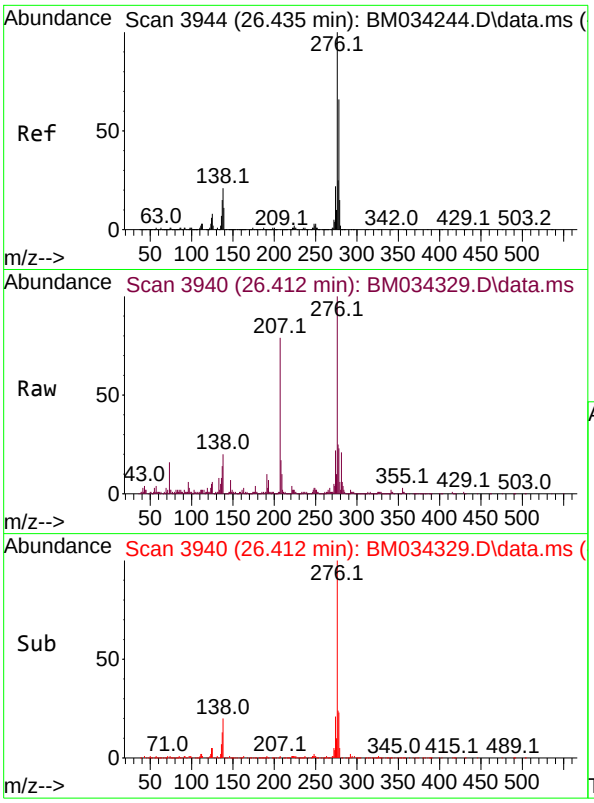


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.900 min Scan# 3513
Delta R.T. -0.012 min
Lab File: BM034329.D
Acq: 23 Mar 2022 02:41

Tgt Ion:264 Resp: 773427

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	28.0
265	22.8	17.6	26.4



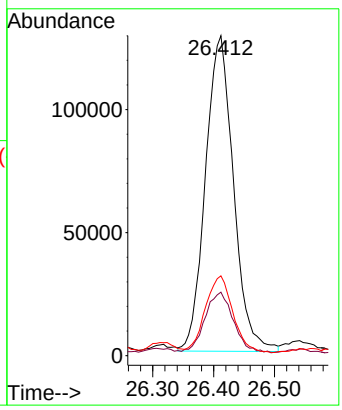


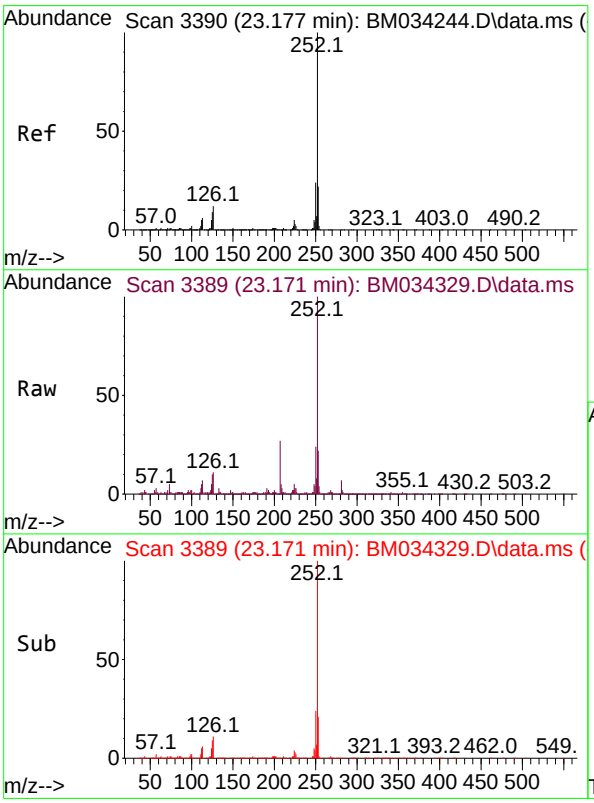
#87
Indeno(1,2,3-cd)pyrene
Concen: 8.259 ng
RT: 26.412 min Scan# 3
Delta R.T. -0.023 min
Lab File: BM034329.D
Acq: 23 Mar 2022 02:41

Instrument :
BNA_M
ClientSampleId :
C-19-18-19

Tgt Ion:276 Resp: 410912

Ion	Ratio	Lower	Upper
276	100		
138	20.0	16.6	25.0
277	23.7	19.8	29.6

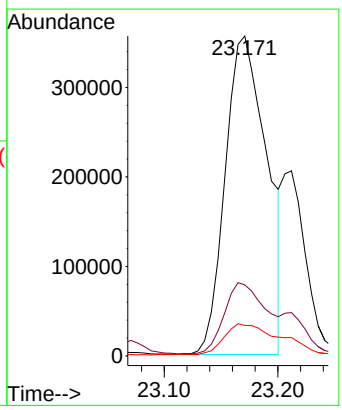


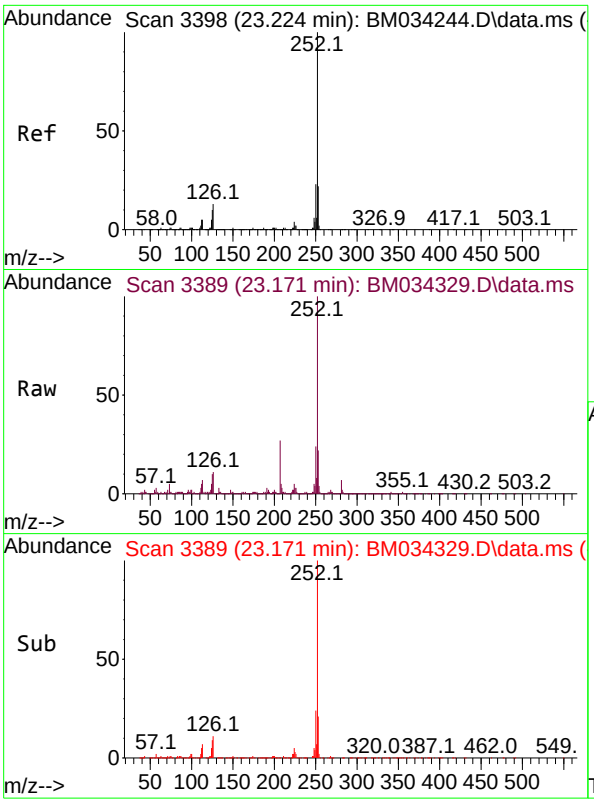


#88
Benzo(b)fluoranthene
Concen: 19.625 ng
RT: 23.171 min Scan# 3389
Delta R.T. -0.006 min
Lab File: BM034329.D
Acq: 23 Mar 2022 02:41

Tgt Ion:252 Resp: 907662

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	9.6	7.2	10.8



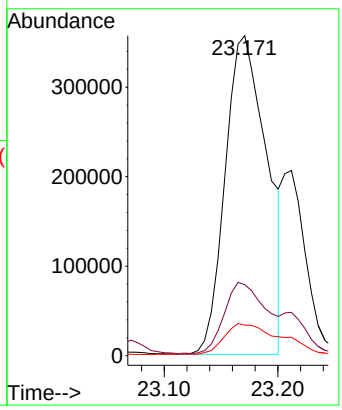


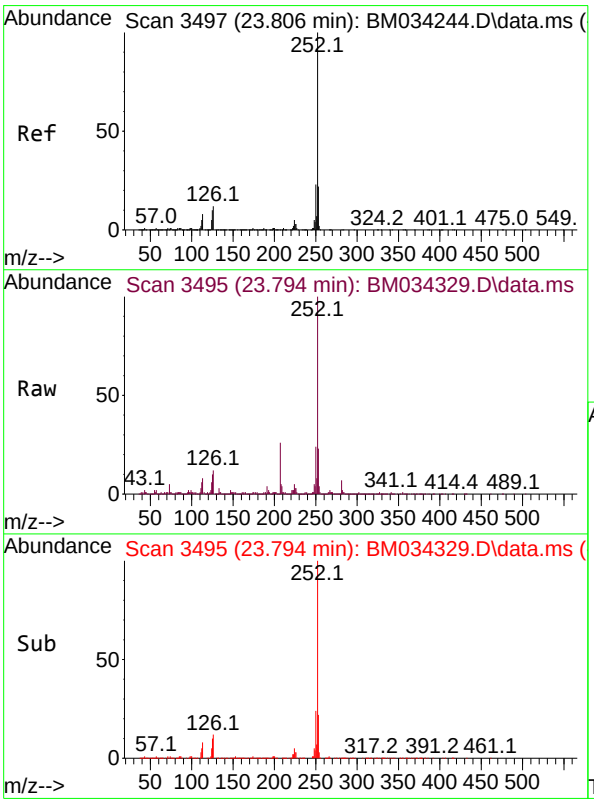
#89
Benzo(k)fluoranthene
Concen: 18.527 ng
RT: 23.171 min Scan# 3
Delta R.T. -0.053 min
Lab File: BM034329.D
Acq: 23 Mar 2022 02:41

Instrument :
BNA_M
ClientSampleId :
C-19-18-19

Tgt Ion:252 Resp: 907662

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	9.6	7.5	11.3

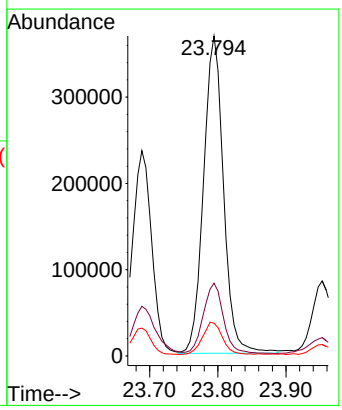


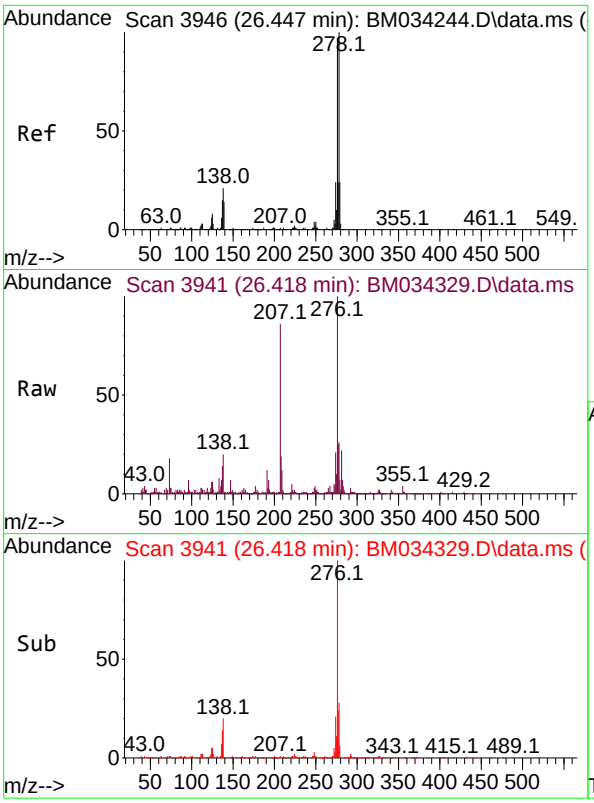


#90
Benzo(a)pyrene
Concen: 19.139 ng
RT: 23.794 min Scan# 3495
Delta R.T. -0.012 min
Lab File: BM034329.D
Acq: 23 Mar 2022 02:41

Tgt Ion:252 Resp: 750398

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	10.2	7.8	11.6



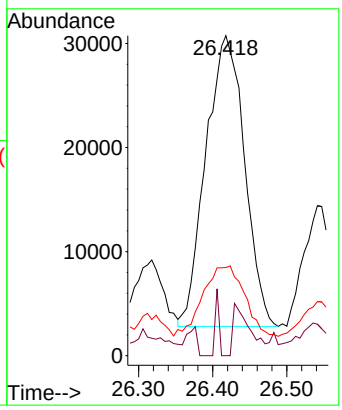


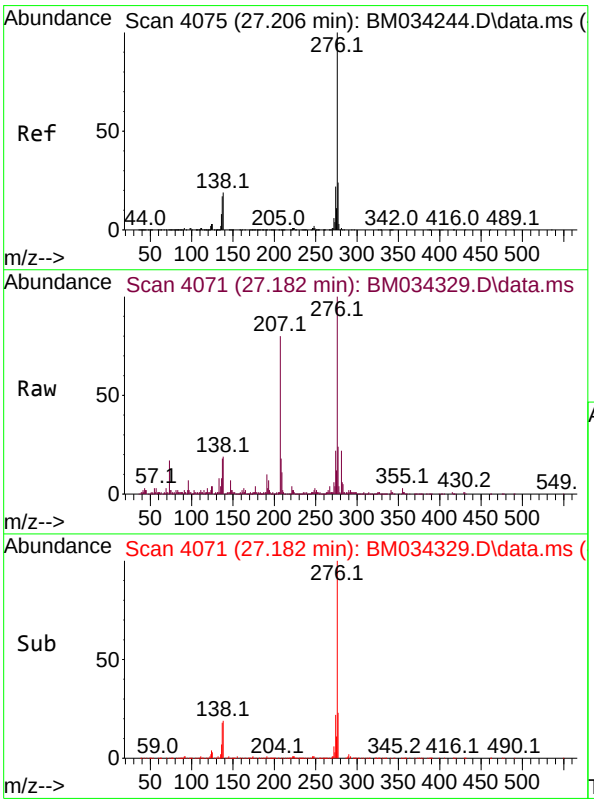
#91
Dibenzo(a,h)anthracene
Concen: 2.511 ng
RT: 26.418 min Scan# 3
Delta R.T. -0.029 min
Lab File: BM034329.D
Acq: 23 Mar 2022 02:41

Instrument :
BNA_M
ClientSampleId :
C-19-18-19

Tgt Ion:278 Resp: 101287

Ion	Ratio	Lower	Upper
278	100		
139	0.0	11.2	16.8#
279	27.6	19.2	28.8





#92
Benzo(g,h,i)perylene
Concen: 10.444 ng
RT: 27.182 min Scan# 4071
Delta R.T. -0.023 min
Lab File: BM034329.D
Acq: 23 Mar 2022 02:41

Tgt Ion:276 Resp: 436125

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.4
138	19.4	15.6	23.4