Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052422\
Data File : BM035230.D
Acq On : 24 May 2022 21:45
Operator : CG/JU
Sample : N2981-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-10(1.5-2)

Quant Time: May 25 05:44:46 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 20 04:53:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.898	152	126928	20.000	ng		0.00
21) Naphthalene-d8	10.698	136	508562	20.000	ng		-0.01
39) Acenaphthene-d10	14.533	164	319111	20.000	ng		-0.01
64) Phenanthrene-d10	17.280	188	687517	20.000	ng		0.00
76) Chrysene-d12	21.462	240	735487	20.000	ng		-0.01
86) Perylene-d12	23.844	264	783828	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	645113	89.667	ng		0.00
7) Phenol-d6	7.069	99	826261	88.962	ng		0.00
23) Nitrobenzene-d5	9.057	82	542417	57.597	ng		0.00
42) 2,4,6-Tribromophenol	16.021	330	346042	99.687	ng		-0.01
45) 2-Fluorobiphenyl	13.163	172	1302939	59.272	ng		0.00
79) Terphenyl-d14	19.903	244	2064556	54.351	ng		-0.01
Target Compounds							Qvalue
71) Phenanthrene	17.321	178	320062	8.353	ng		99
72) Anthracene	17.409	178	115562	3.123	ng		100
75) Fluoranthene	19.339	202	949018	22.556	ng		98
78) Pyrene	19.697	202	815386	16.764	ng		99
81) Benzo(a)anthracene	21.450	228	802608	16.354	ng		94
83) Chrysene	21.497	228	643144	13.720	ng		98
87) Indeno(1,2,3-cd)pyrene	26.309	276	400218	6.716	ng	#	94
88) Benzo(b)fluoranthene	23.127	252	906802	18.394	ng		99
89) Benzo(k)fluoranthene	23.127	252	906802	18.170	ng		98
90) Benzo(a)pyrene	23.738	252	680835	16.623	ng		96
92) Benzo(g,h,i)perylene	27.062	276	330450	6.880	ng		97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052422\
Data File : BM035230.D
Acq On : 24 May 2022 21:45
Operator : CG/JU
Sample : N2981-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-10(1.5-2)

Quant Time: May 25 05:44:46 2022
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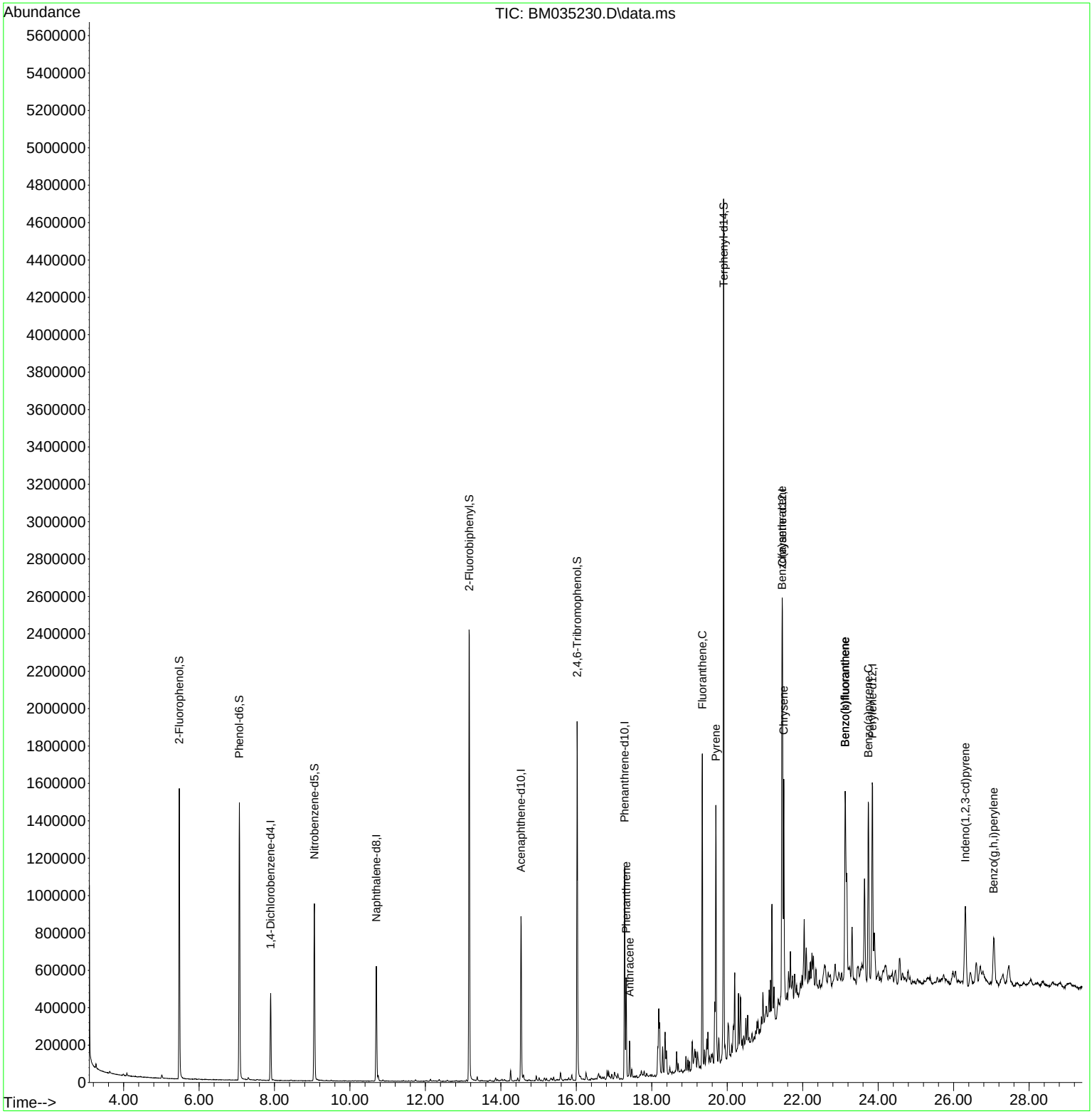
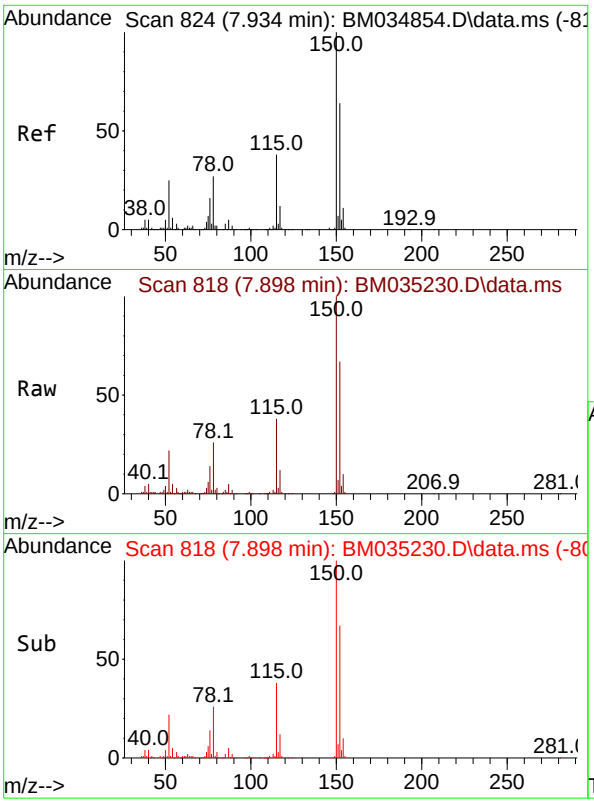
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 20 04:53:59 2022
Response via : Initial Calibration



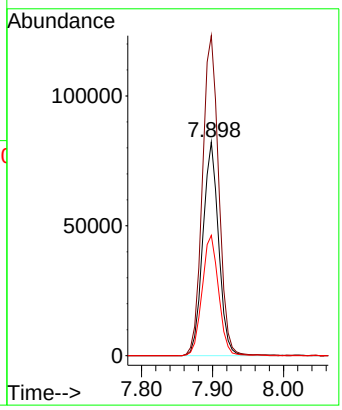


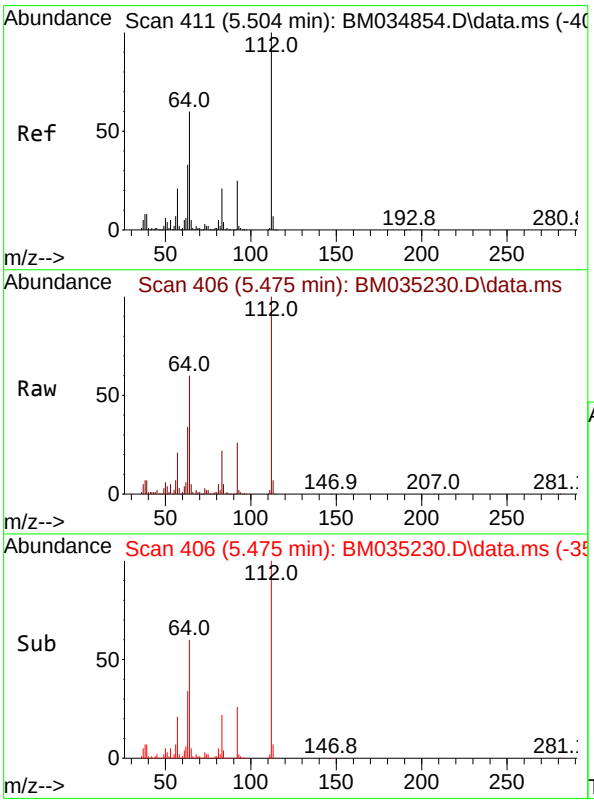
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.898 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM035230.D
Acq: 24 May 2022 21:45

Instrument :
BNA_M
ClientSampleId :
SB-10(1.5-2)

Tgt Ion:152 Resp: 126928

Ion	Ratio	Lower	Upper
152	100		
150	149.8	124.9	187.3
115	56.4	47.9	71.9

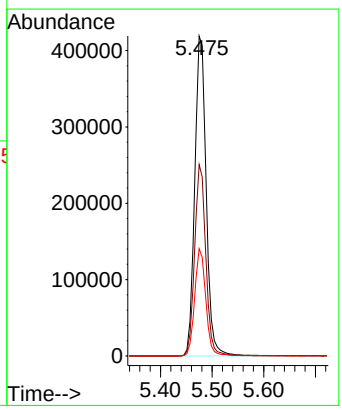


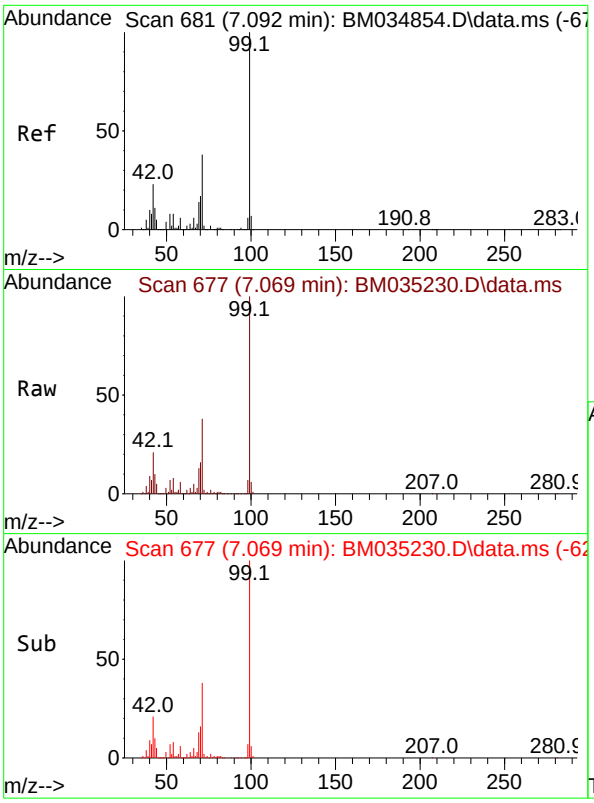


#5
2-Fluorophenol
Concen: 89.667 ng
RT: 5.475 min Scan# 406
Delta R.T. -0.006 min
Lab File: BM035230.D
Acq: 24 May 2022 21:45

Tgt Ion:112 Resp: 645113

Ion	Ratio	Lower	Upper
112	100		
64	59.8	47.8	71.6
63	33.5	26.6	40.0



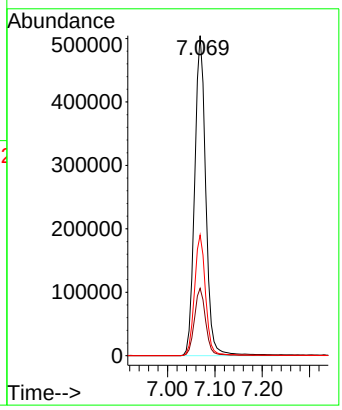


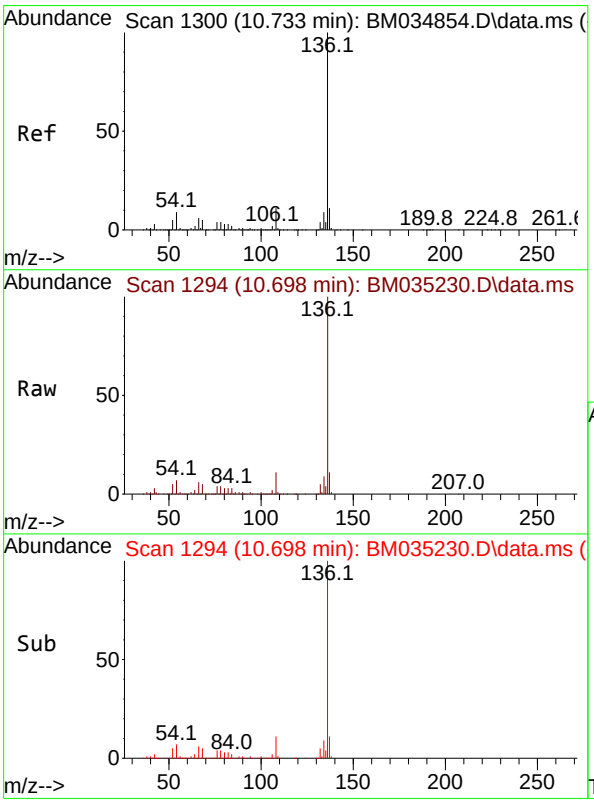
#7
Phenol-d6
Concen: 88.962 ng
RT: 7.069 min Scan# 6
Delta R.T. -0.006 min
Lab File: BM035230.D
Acq: 24 May 2022 21:45

Instrument :
BNA_M
ClientSampleId :
SB-10(1.5-2)

Tgt Ion: 99 Resp: 826261

Ion	Ratio	Lower	Upper
99	100		
42	21.1	18.8	28.2
71	37.7	30.2	45.2

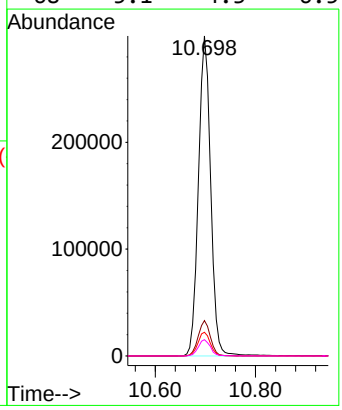


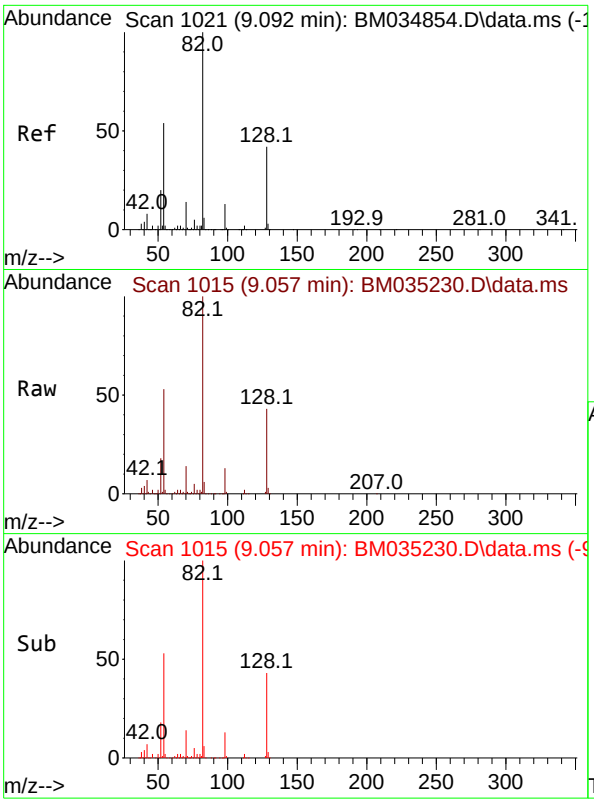


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.698 min Scan# 1294
Delta R.T. -0.012 min
Lab File: BM035230.D
Acq: 24 May 2022 21:45

Tgt Ion:136 Resp: 508562

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.4	7.0	10.4
68	5.1	4.3	6.5



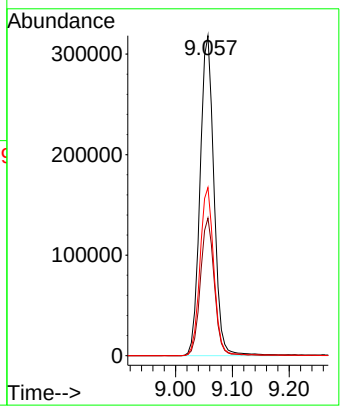


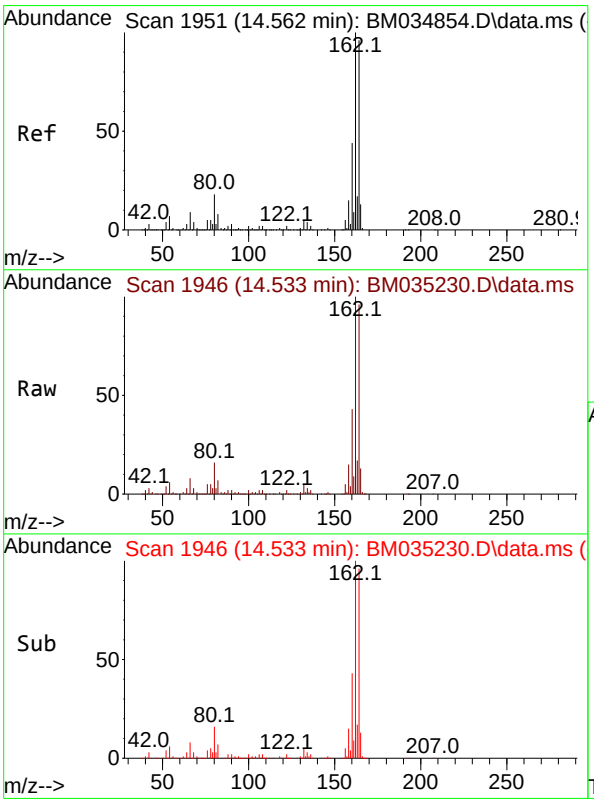
#23
Nitrobenzene-d5
Concen: 57.597 ng
RT: 9.057 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM035230.D
Acq: 24 May 2022 21:45

Instrument :
BNA_M
ClientSampleId :
SB-10(1.5-2)

Tgt Ion: 82 Resp: 542417

Ion	Ratio	Lower	Upper
82	100		
128	43.0	33.7	50.5
54	52.5	43.2	64.8

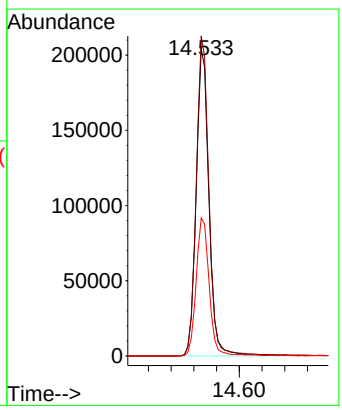


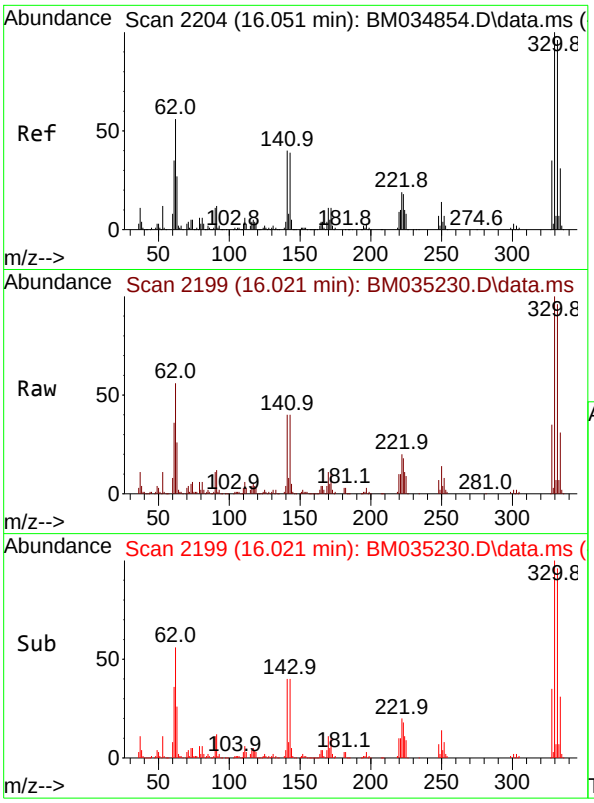


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.533 min Scan# 1946
Delta R.T. -0.012 min
Lab File: BM035230.D
Acq: 24 May 2022 21:45

Tgt Ion:164 Resp: 319111

Ion	Ratio	Lower	Upper
164	100		
162	104.1	83.0	124.6
160	44.9	37.0	55.4



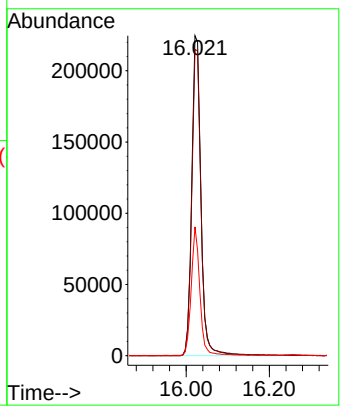


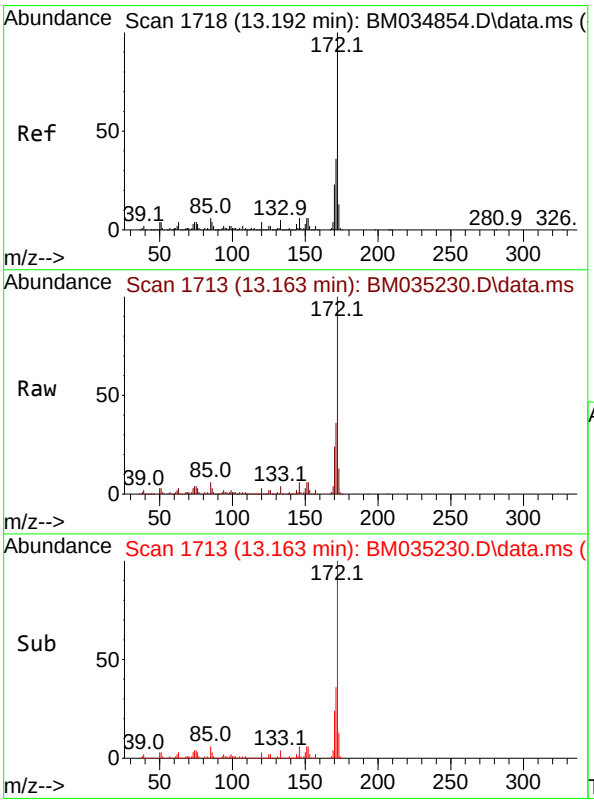
#42
2,4,6-Tribromophenol
Concen: 99.687 ng
RT: 16.021 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM035230.D
Acq: 24 May 2022 21:45

Instrument :
BNA_M
ClientSampleId :
SB-10(1.5-2)

Tgt Ion:330 Resp: 346042

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.4
141	38.0	35.3	52.9

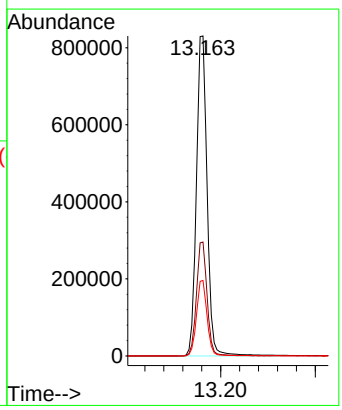


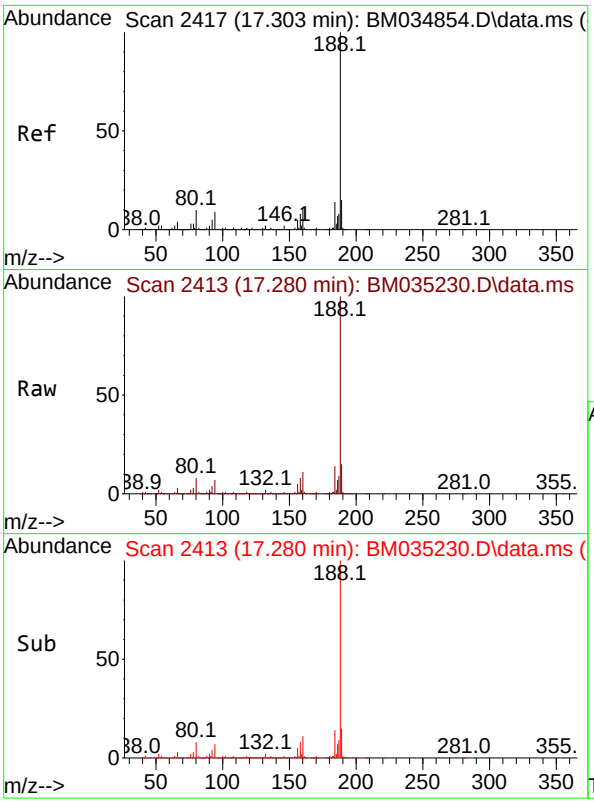


#45
2-Fluorobiphenyl
Concen: 59.272 ng
RT: 13.163 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BM035230.D
Acq: 24 May 2022 21:45

Tgt Ion:172 Resp: 1302939

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	23.6	18.7	28.1



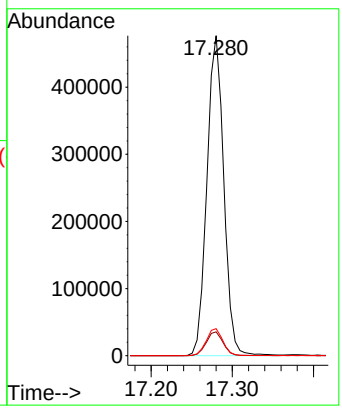


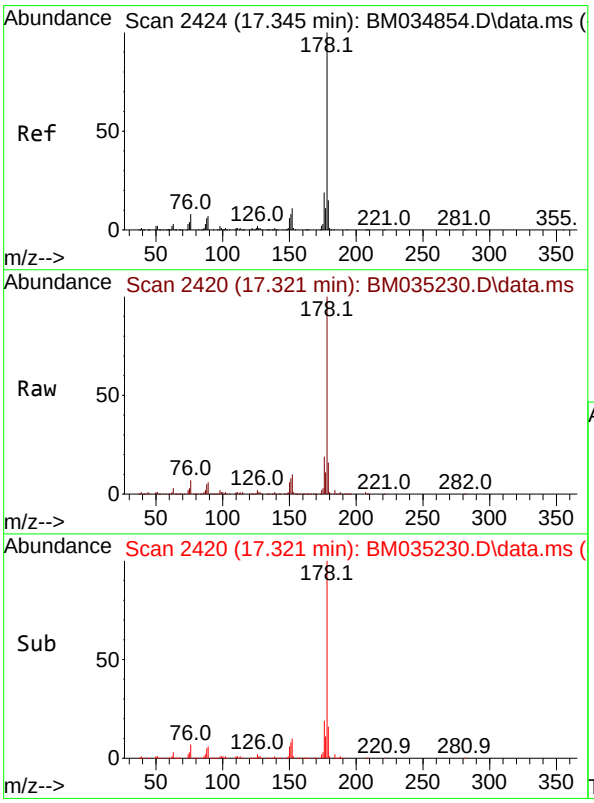
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.280 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM035230.D
Acq: 24 May 2022 21:45

Instrument :
BNA_M
ClientSampleId :
SB-10(1.5-2)

Tgt Ion:188 Resp: 687517

Ion	Ratio	Lower	Upper
188	100		
94	7.5	7.0	10.4
80	8.4	7.6	11.4

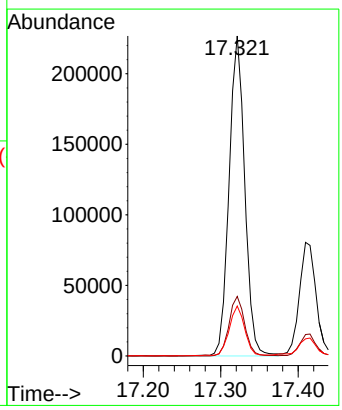


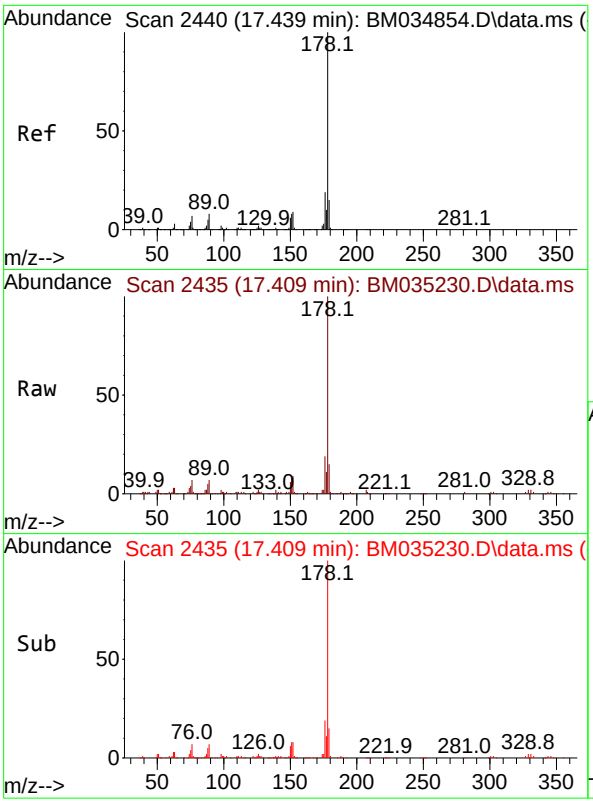


#71
Phenanthrene
Concen: 8.353 ng
RT: 17.321 min Scan# 2420
Delta R.T. -0.006 min
Lab File: BM035230.D
Acq: 24 May 2022 21:45

Tgt Ion:178 Resp: 320062

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.0
179	15.6	12.4	18.6



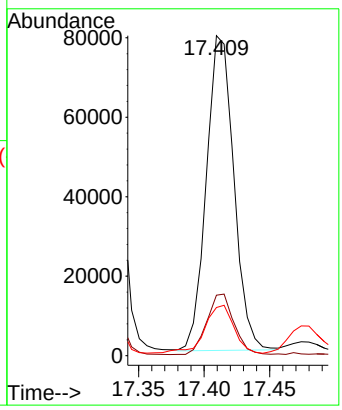


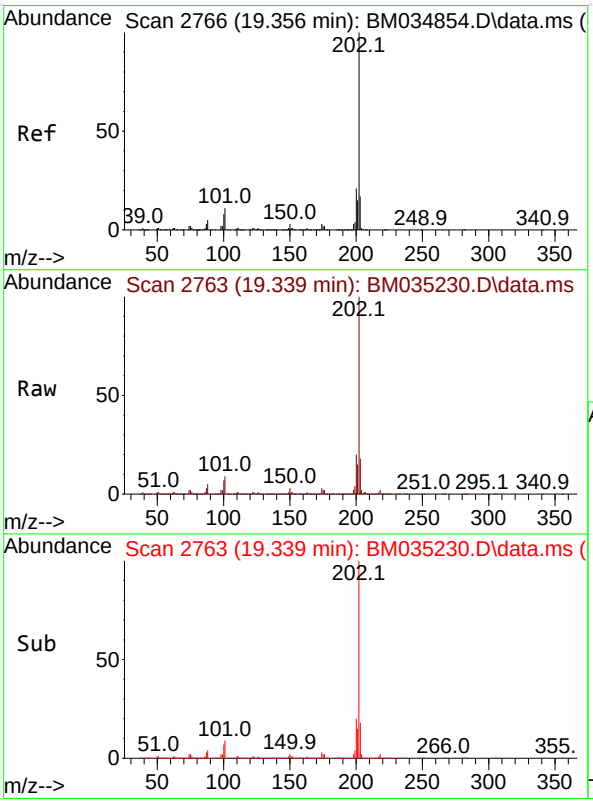
#72
Anthracene
Concen: 3.123 ng
RT: 17.409 min Scan# 24
Delta R.T. -0.012 min
Lab File: BM035230.D
Acq: 24 May 2022 21:45

Instrument :
BNA_M
ClientSampleId :
SB-10(1.5-2)

Tgt Ion:178 Resp: 115562

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	15.0	12.2	18.2

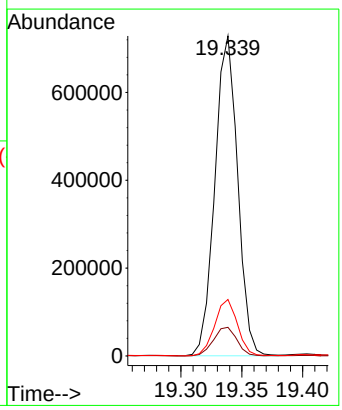


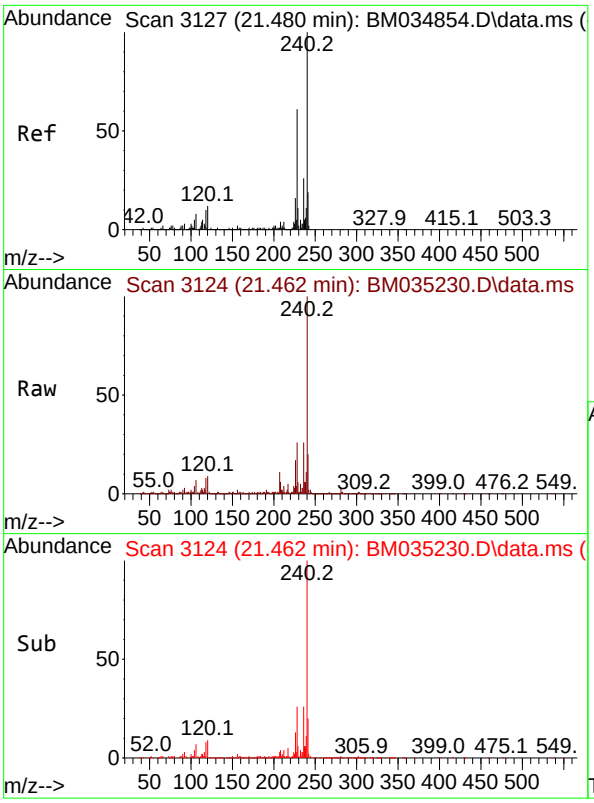


#75
Fluoranthene
Concen: 22.556 ng
RT: 19.339 min Scan# 2763
Delta R.T. -0.006 min
Lab File: BM035230.D
Acq: 24 May 2022 21:45

Tgt Ion:202 Resp: 949018

Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	30.6
203	17.7	0.0	37.4



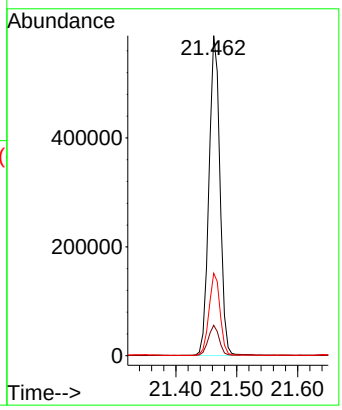


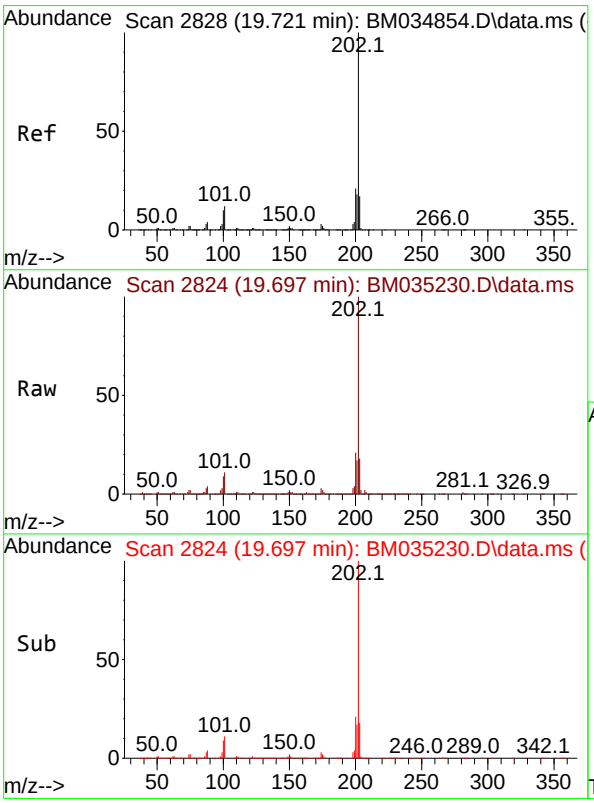
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.462 min Scan# 3
Delta R.T. -0.012 min
Lab File: BM035230.D
Acq: 24 May 2022 21:45

Instrument :
BNA_M
ClientSampleId :
SB-10(1.5-2)

Tgt Ion:240 Resp: 735487

Ion	Ratio	Lower	Upper
240	100		
120	9.5	9.4	14.0
236	25.7	20.6	30.8

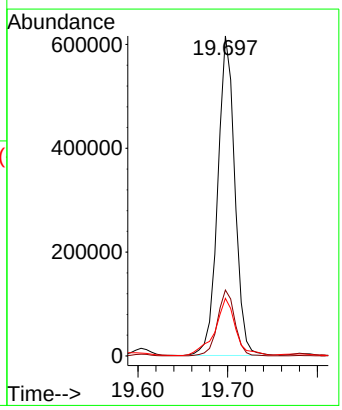


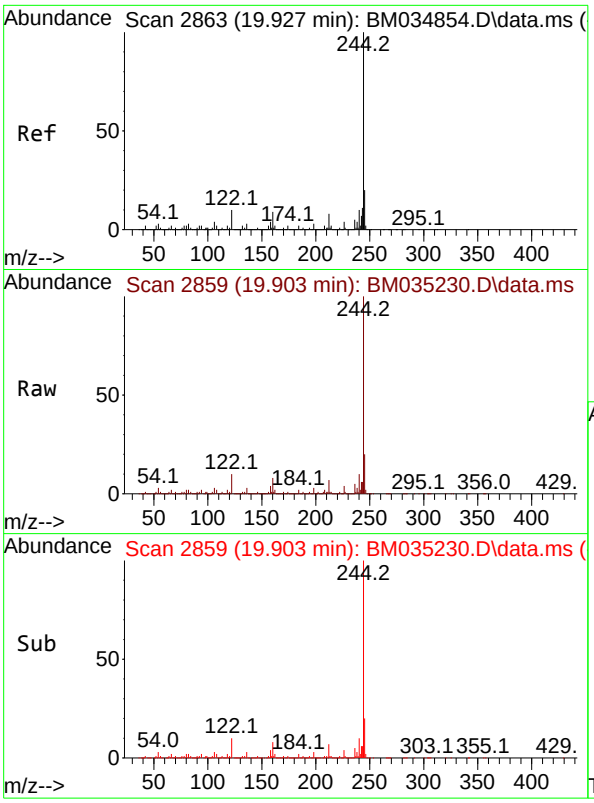


#78
Pyrene
Concen: 16.764 ng
RT: 19.697 min Scan# 2824
Delta R.T. -0.012 min
Lab File: BM035230.D
Acq: 24 May 2022 21:45

Tgt Ion:202 Resp: 815386

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.7	25.1
203	18.0	13.9	20.9



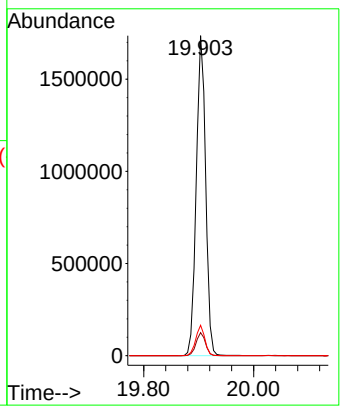


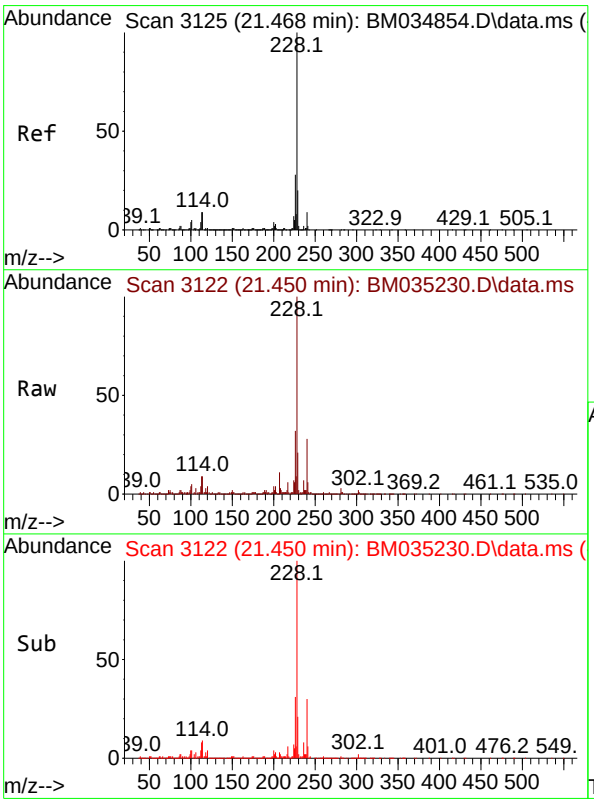
#79
Terphenyl-d14
Concen: 54.351 ng
RT: 19.903 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM035230.D
Acq: 24 May 2022 21:45

Instrument :
BNA_M
ClientSampleId :
SB-10(1.5-2)

Tgt Ion:244 Resp: 2064556

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.2	9.4
122	9.5	8.3	12.5

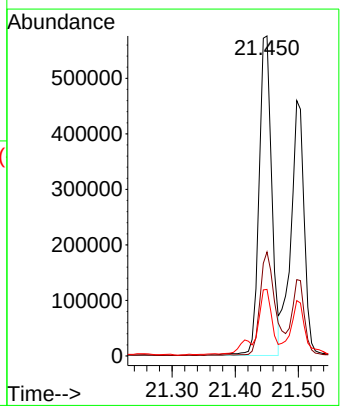


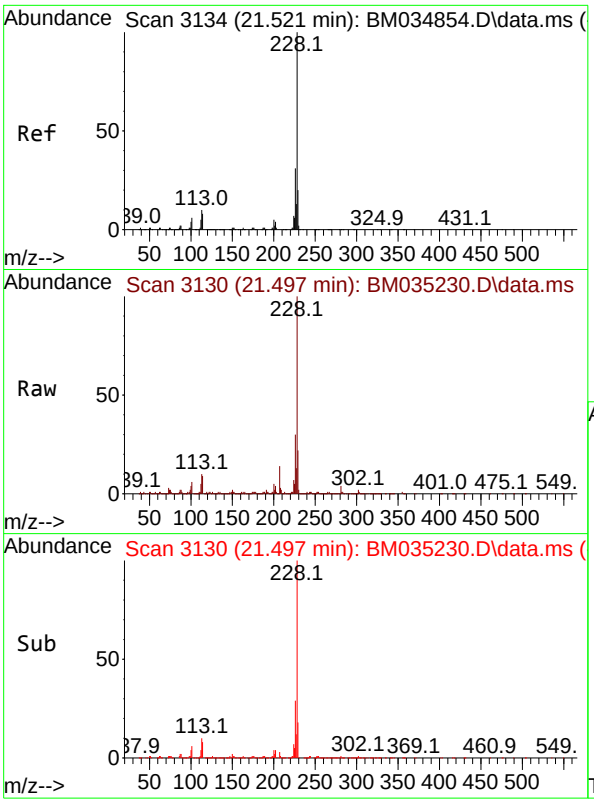


#81
Benzo(a)anthracene
Concen: 16.354 ng
RT: 21.450 min Scan# 3122
Delta R.T. -0.006 min
Lab File: BM035230.D
Acq: 24 May 2022 21:45

Tgt Ion:228 Resp: 802608

Ion	Ratio	Lower	Upper
228	100		
226	32.5	22.3	33.5
229	20.8	15.8	23.6



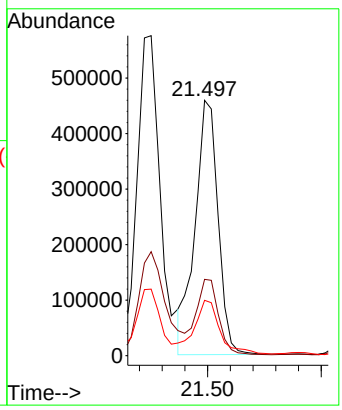


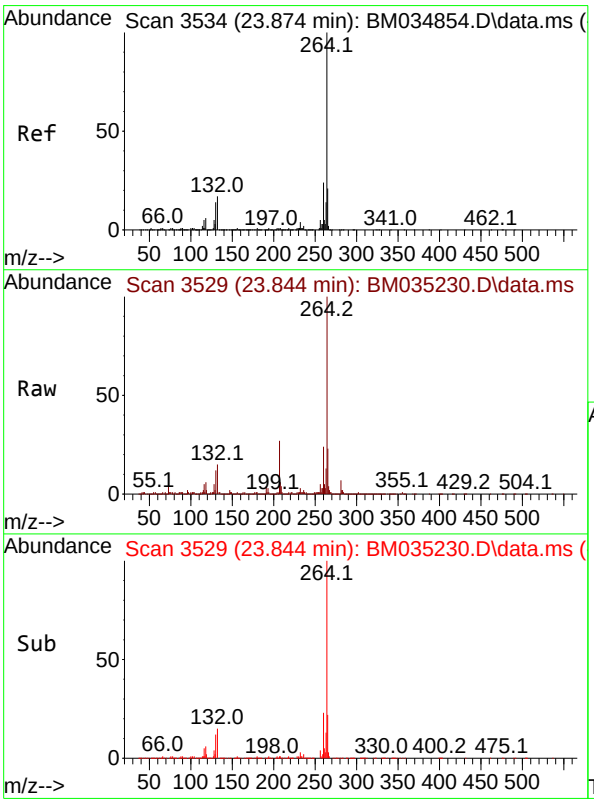
#83
Chrysene
Concen: 13.720 ng
RT: 21.497 min Scan# 3
Delta R.T. -0.012 min
Lab File: BM035230.D
Acq: 24 May 2022 21:45

Instrument :
BNA_M
ClientSampleId :
SB-10(1.5-2)

Tgt Ion:228 Resp: 643144

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.4	36.6
229	21.7	15.8	23.8

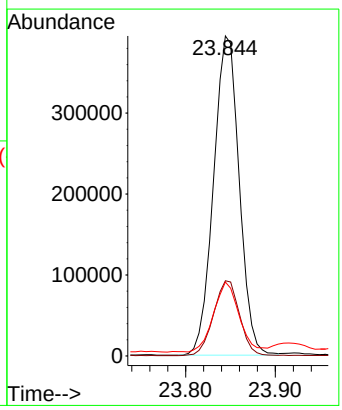


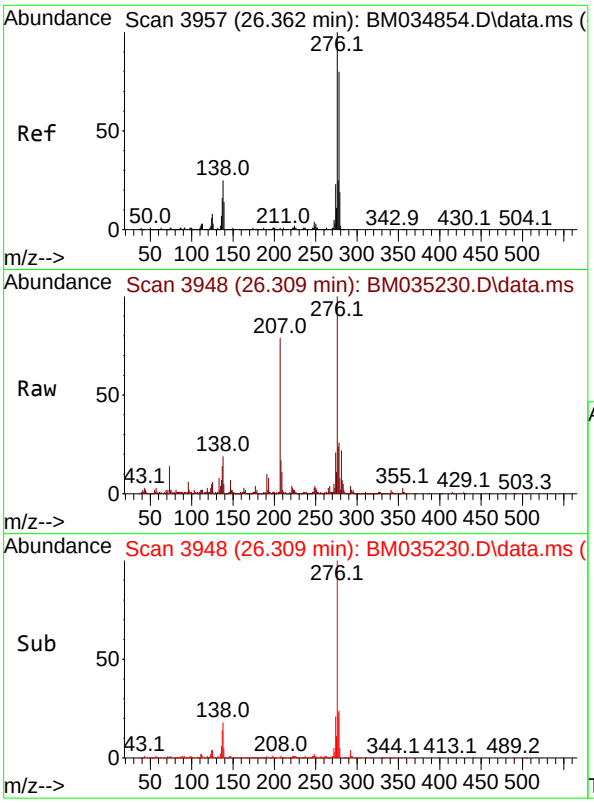


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.844 min Scan# 3529
Delta R.T. -0.012 min
Lab File: BM035230.D
Acq: 24 May 2022 21:45

Tgt Ion:264 Resp: 783828

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.9	28.3
265	23.1	17.5	26.3



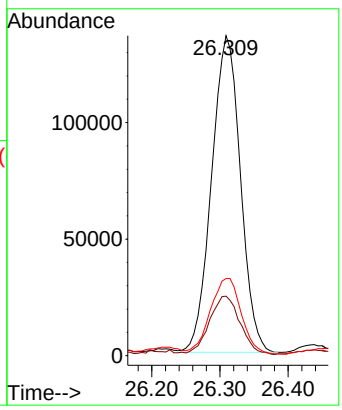


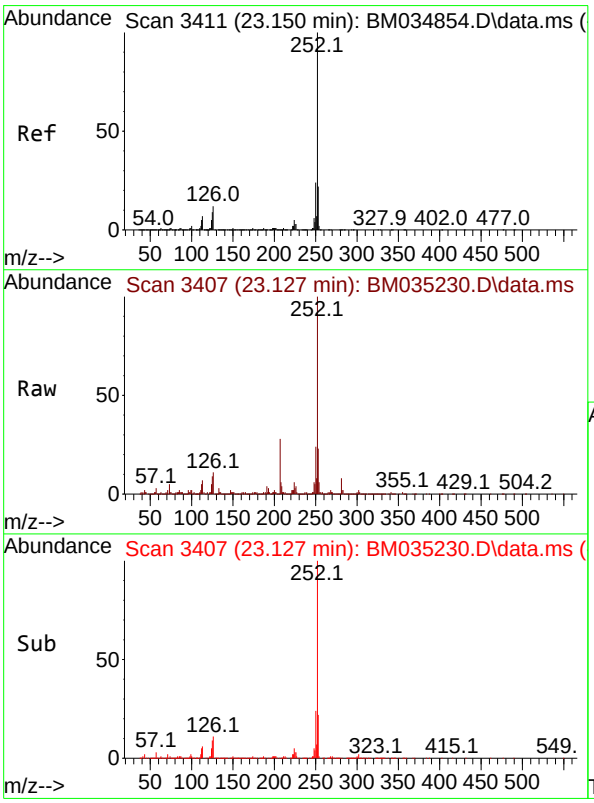
#87
Indeno(1,2,3-cd)pyrene
Concen: 6.716 ng
RT: 26.309 min Scan# 3
Delta R.T. -0.024 min
Lab File: BM035230.D
Acq: 24 May 2022 21:45

Instrument :
BNA_M
ClientSampleId :
SB-10(1.5-2)

Tgt Ion:276 Resp: 400218

Ion	Ratio	Lower	Upper
276	100		
138	19.7	20.2	30.4#
277	25.5	20.2	30.2

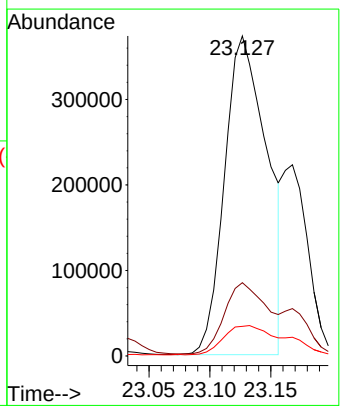


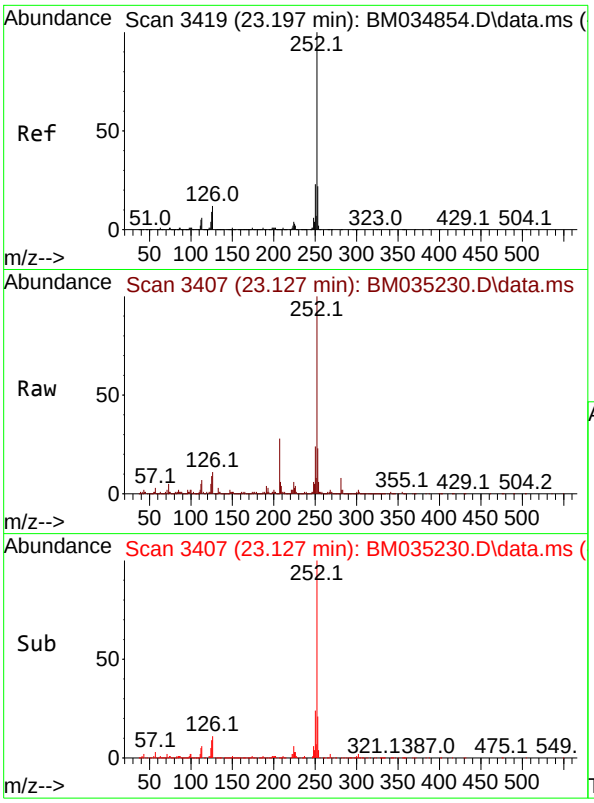


#88
Benzo(b)fluoranthene
Concen: 18.394 ng
RT: 23.127 min Scan# 3407
Delta R.T. -0.006 min
Lab File: BM035230.D
Acq: 24 May 2022 21:45

Tgt Ion:252 Resp: 906802

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.6	26.4
125	9.3	7.6	11.4



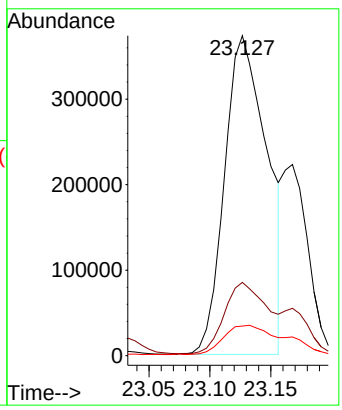


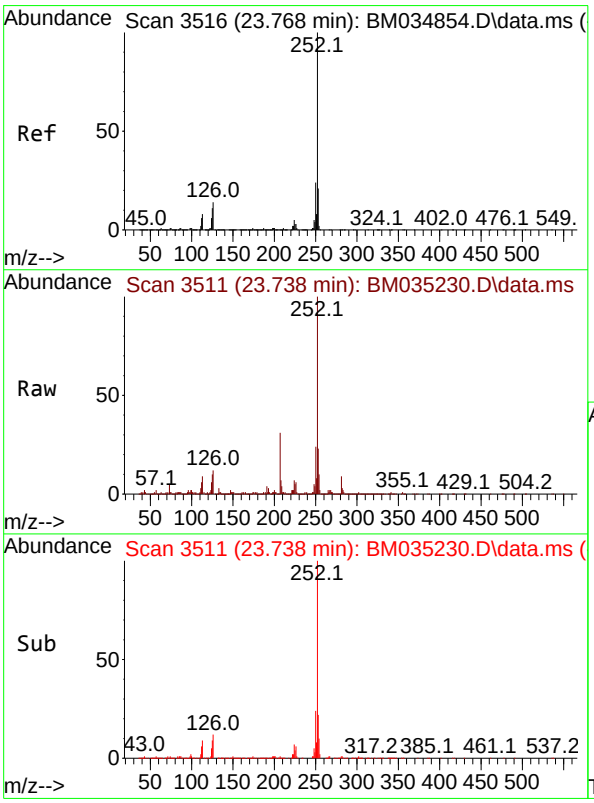
#89
Benzo(k)fluoranthene
Concen: 18.170 ng
RT: 23.127 min Scan# 34
Delta R.T. -0.053 min
Lab File: BM035230.D
Acq: 24 May 2022 21:45

Instrument :
BNA_M
ClientSampleId :
SB-10(1.5-2)

Tgt Ion:252 Resp: 906802

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.5	26.3
125	9.3	7.6	11.4

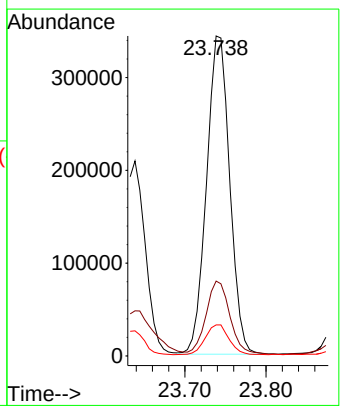


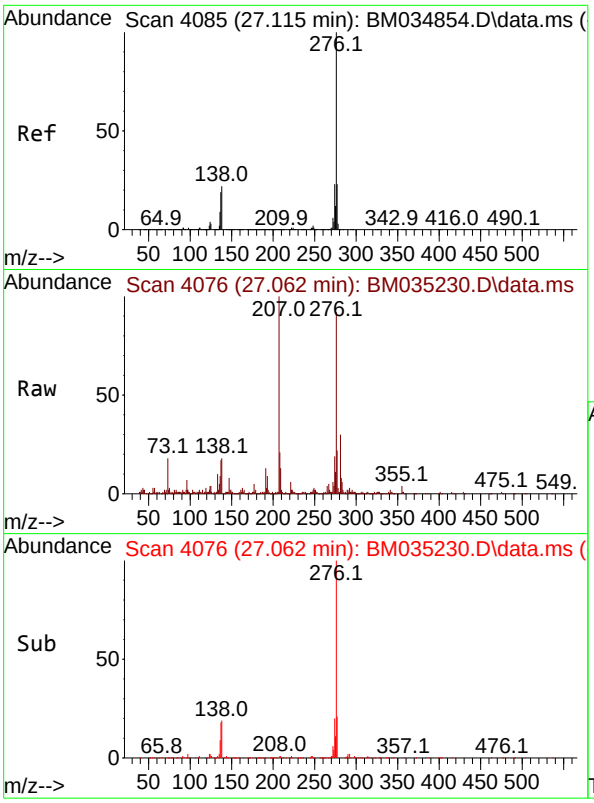


#90
Benzo(a)pyrene
Concen: 16.623 ng
RT: 23.738 min Scan# 3511
Delta R.T. -0.012 min
Lab File: BM035230.D
Acq: 24 May 2022 21:45

Tgt Ion:252 Resp: 680835

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.2	25.8
125	9.7	8.7	13.1





#92
Benzo(g,h,i)perylene
Concen: 6.880 ng
RT: 27.062 min Scan# 4
Delta R.T. -0.030 min
Lab File: BM035230.D
Acq: 24 May 2022 21:45

Instrument :
BNA_M
ClientSampleId :
SB-10(1.5-2)

Tgt Ion:276 Resp: 330450

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.7	28.1
138	19.4	17.6	26.4