Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052422\
Data File : BM035229.D
Acq On : 24 May 2022 21:09
Operator : CG/JU
Sample : N2981-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-12(2.5-3)

Quant Time: May 25 05:44:39 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	126465	20.000	ng		0.00
21) Naphthalene-d8	10.698	136	478152	20.000	ng		-0.01
39) Acenaphthene-d10	14.533	164	287893	20.000	ng		-0.01
64) Phenanthrene-d10	17.280	188	584139	20.000	ng		0.00
76) Chrysene-d12	21.462	240	618577	20.000	ng		#-0.01
86) Perylene-d12	23.844	264	703626	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	817289	114.014	ng		0.00
7) Phenol-d6	7.069	99	1011299	109.284	ng		0.00
23) Nitrobenzene-d5	9.057	82	674872	76.219	ng		0.00
42) 2,4,6-Tribromophenol	16.021	330	394642	126.015	ng		-0.01
45) 2-Fluorobiphenyl	13.163	172	1544666	77.888	ng		0.00
79) Terphenyl-d14	19.903	244	2187608	68.474	ng		-0.01
Target Compounds							Qvalue
71) Phenanthrene	17.321	178	108257	3.325	ng		99
75) Fluoranthene	19.339	202	406233	11.364	ng		98
78) Pyrene	19.697	202	351350	8.589	ng		100
81) Benzo(a)anthracene	21.450	228	393893	9.543	ng		96
83) Chrysene	21.497	228	331558	8.410	ng		97
87) Indeno(1,2,3-cd)pyrene	26.315	276	249645	4.667	ng	#	94
88) Benzo(b)fluoranthene	23.127	252	520245	11.756	ng		99
89) Benzo(k)fluoranthene	23.127	252	520245	11.613	ng		99
90) Benzo(a)pyrene	23.738	252	403940	10.987	ng		96
92) Benzo(g,h,i)perylene	27.068	276	206281	4.784	ng	#	94

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052422\
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SB-12(2.5-3)

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QLast Update : Fri May 20 04:53:59 2022
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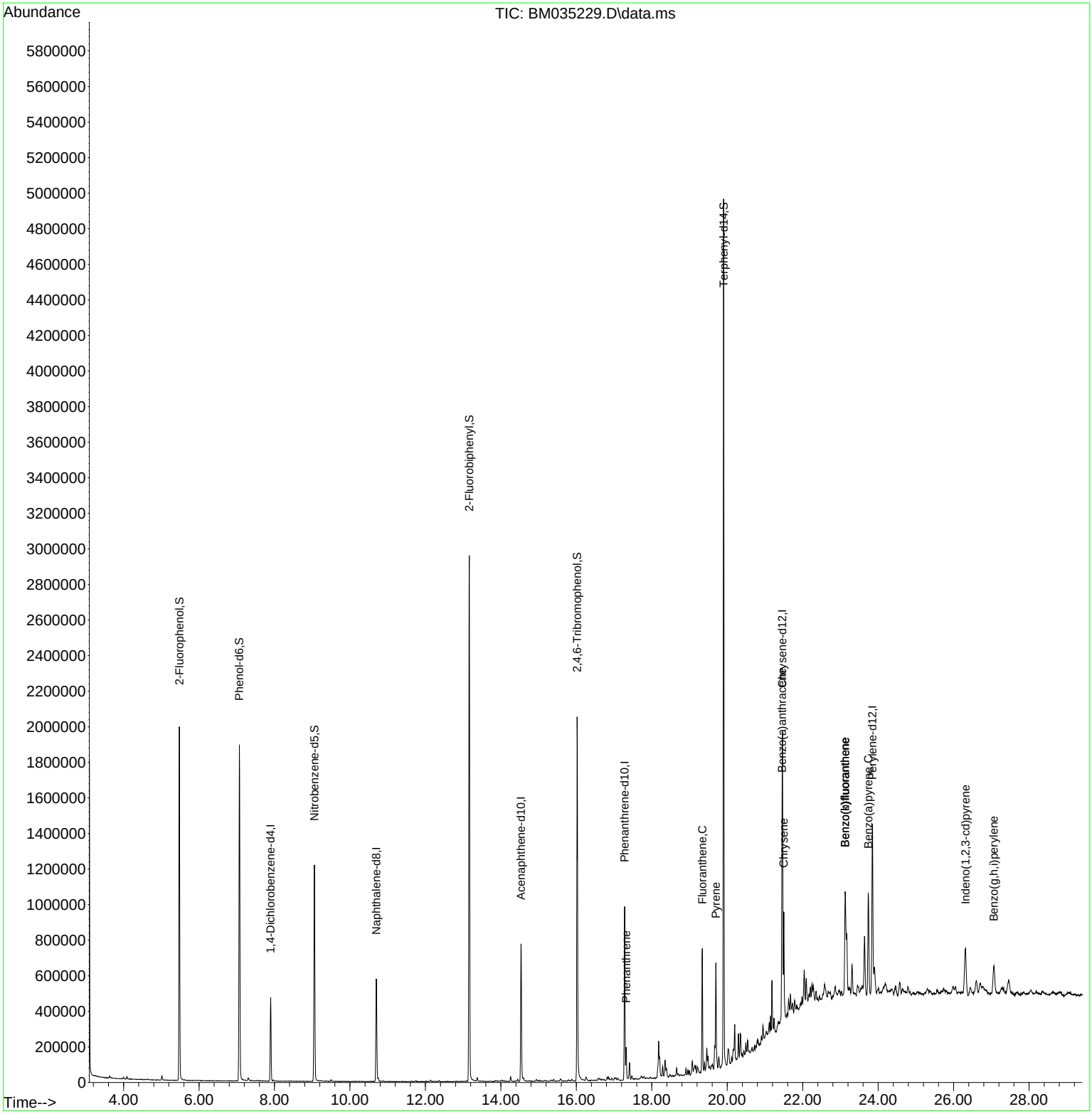
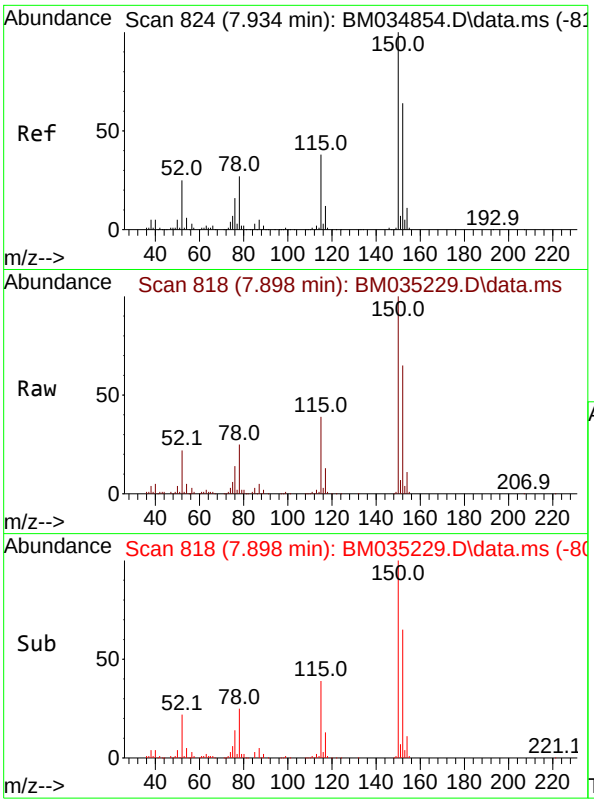


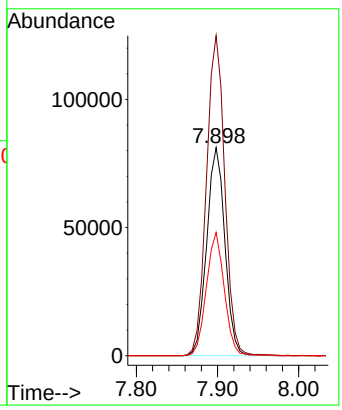


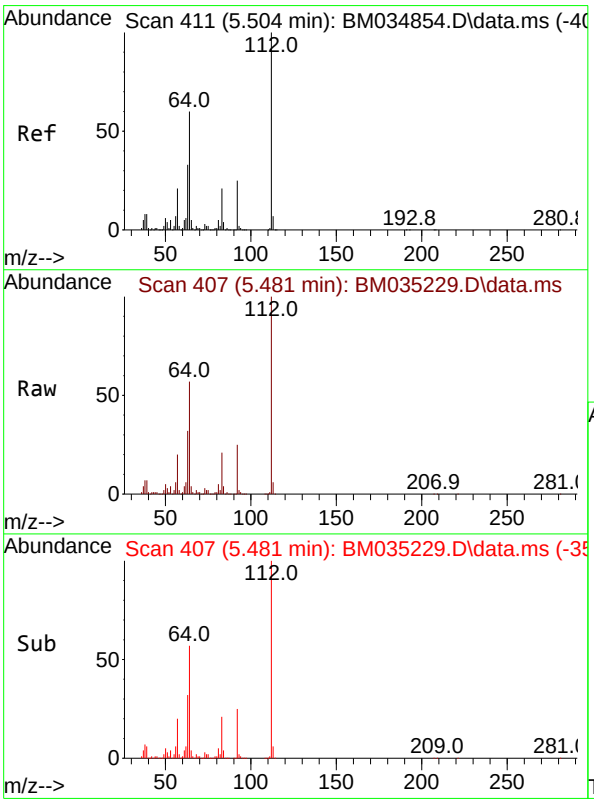
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.898 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM035229.D
Acq: 24 May 2022 21:09

Instrument :
BNA_M
ClientSampleId :
SB-12(2.5-3)

Tgt Ion:152 Resp: 126465

Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.9	187.3
115	59.3	47.9	71.9

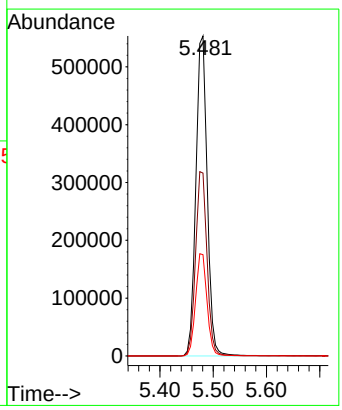


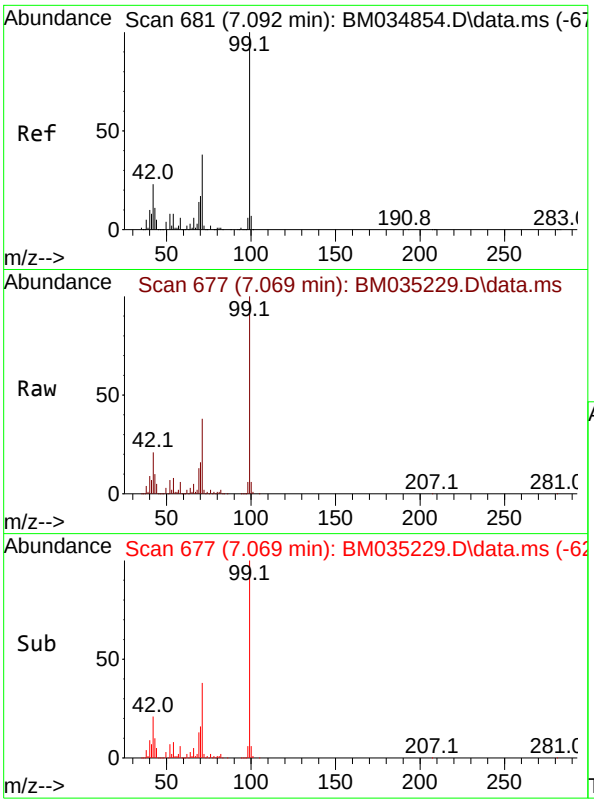


#5
2-Fluorophenol
Concen: 114.014 ng
RT: 5.481 min Scan# 407
Delta R.T. -0.000 min
Lab File: BM035229.D
Acq: 24 May 2022 21:09

Tgt Ion:112 Resp: 817289

Ion	Ratio	Lower	Upper
112	100		
64	57.2	47.8	71.6
63	31.7	26.6	40.0



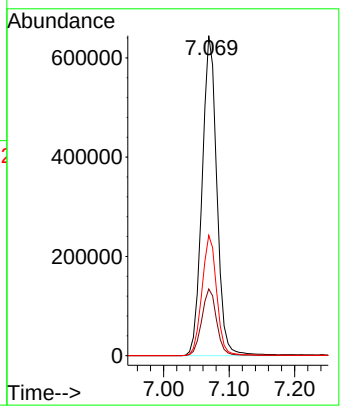


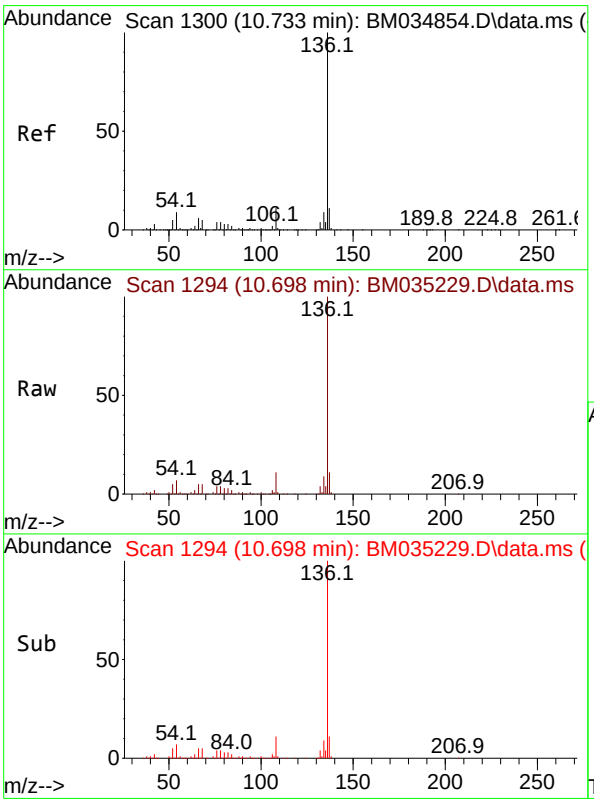
#7
Phenol-d6
Concen: 109.284 ng
RT: 7.069 min Scan# 6
Delta R.T. -0.006 min
Lab File: BM035229.D
Acq: 24 May 2022 21:09

Instrument :
BNA_M
ClientSampleId :
SB-12(2.5-3)

Tgt Ion: 99 Resp: 1011299

Ion	Ratio	Lower	Upper
99	100		
42	20.9	18.8	28.2
71	37.6	30.2	45.2

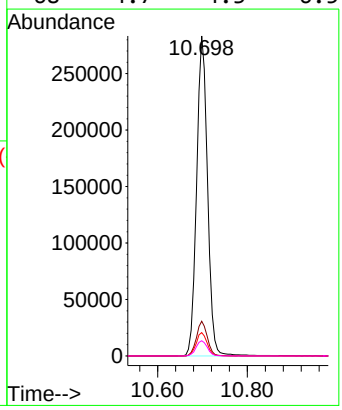


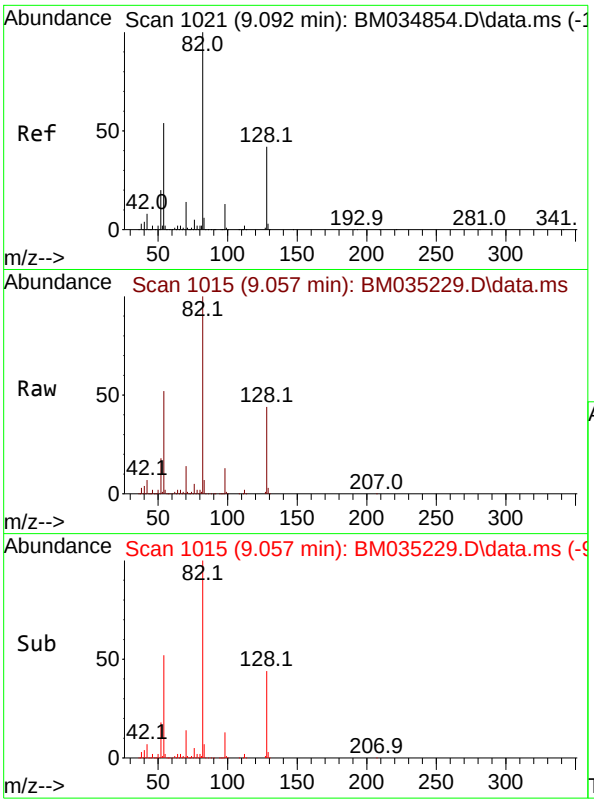


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.698 min Scan# 1294
Delta R.T. -0.012 min
Lab File: BM035229.D
Acq: 24 May 2022 21:09

Tgt Ion:136 Resp: 478152

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.3	7.0	10.4
68	4.7	4.3	6.5



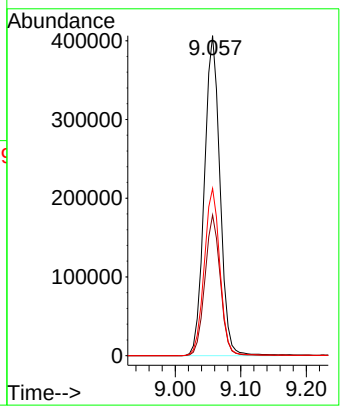


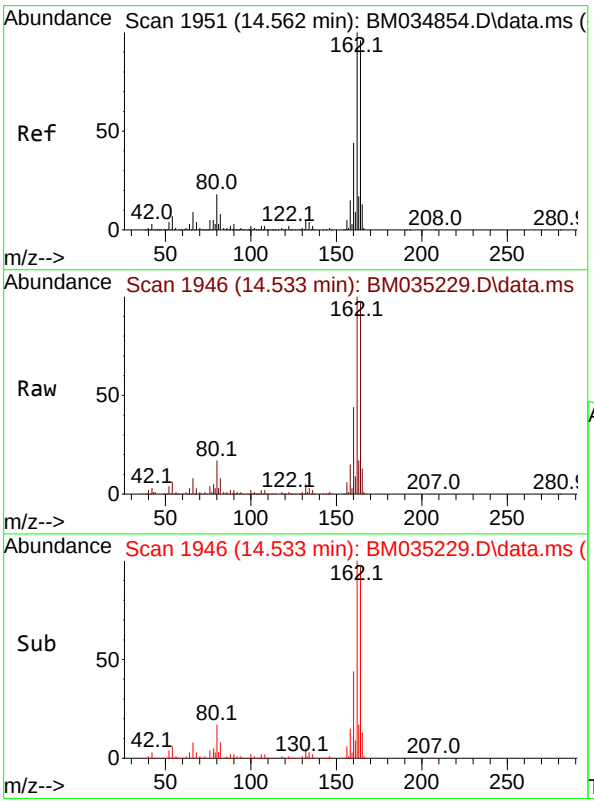
#23
Nitrobenzene-d5
Concen: 76.219 ng
RT: 9.057 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM035229.D
Acq: 24 May 2022 21:09

Instrument :
BNA_M
ClientSampleId :
SB-12(2.5-3)

Tgt Ion: 82 Resp: 674872

Ion	Ratio	Lower	Upper
82	100		
128	44.0	33.7	50.5
54	52.3	43.2	64.8

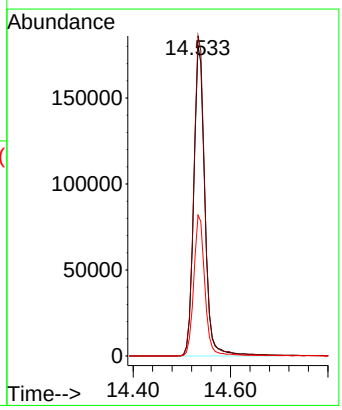


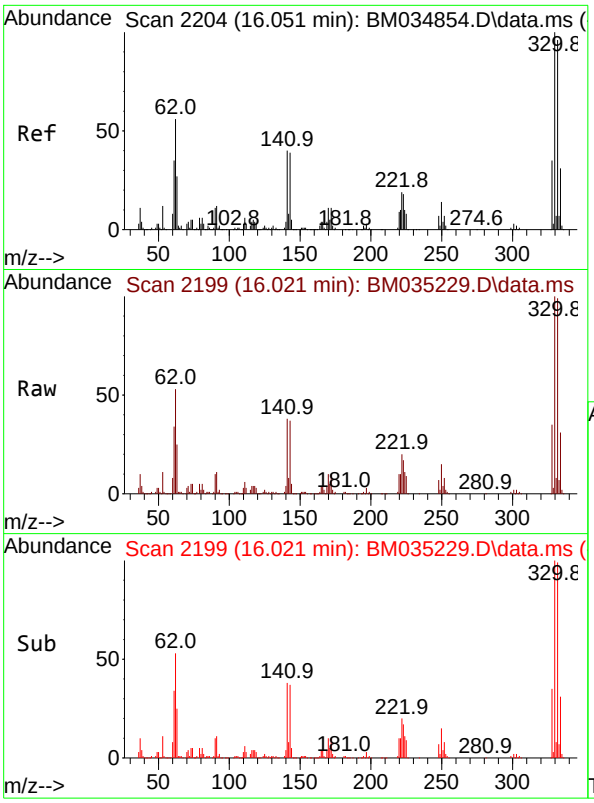


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.533 min Scan# 1946
Delta R.T. -0.012 min
Lab File: BM035229.D
Acq: 24 May 2022 21:09

Tgt Ion:164 Resp: 287893

Ion	Ratio	Lower	Upper
164	100		
162	103.0	83.0	124.6
160	45.3	37.0	55.4



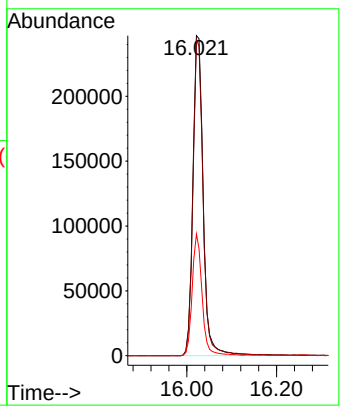


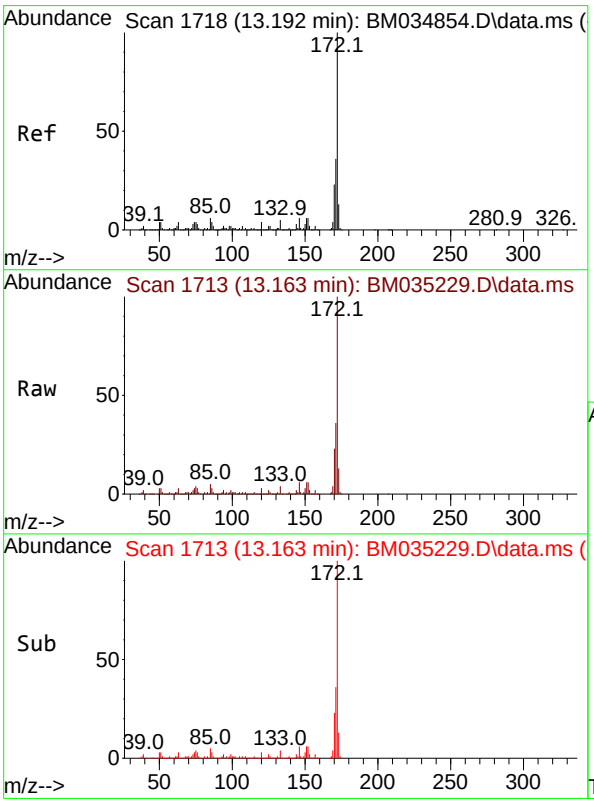
#42
2,4,6-Tribromophenol
Concen: 126.015 ng
RT: 16.021 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM035229.D
Acq: 24 May 2022 21:09

Instrument :
BNA_M
ClientSampleId :
SB-12(2.5-3)

Tgt Ion:330 Resp: 394642

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.4
141	36.4	35.3	52.9

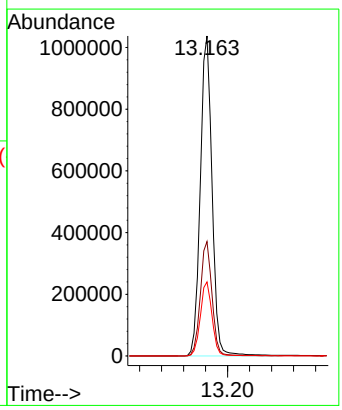


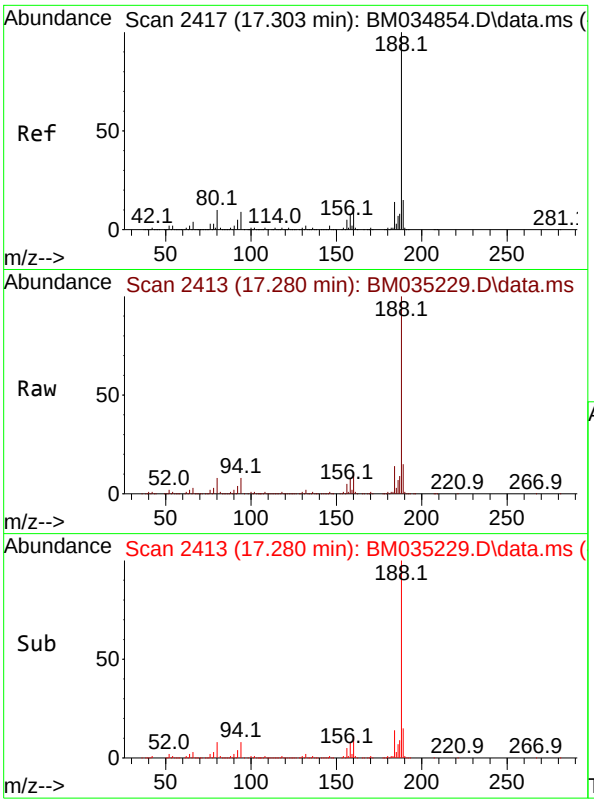


#45
2-Fluorobiphenyl
Concen: 77.888 ng
RT: 13.163 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BM035229.D
Acq: 24 May 2022 21:09

Tgt Ion:172 Resp: 1544666

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.5	42.7
170	23.2	18.7	28.1



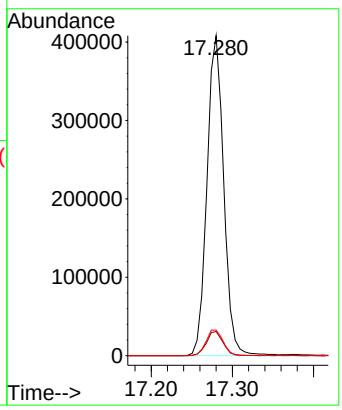


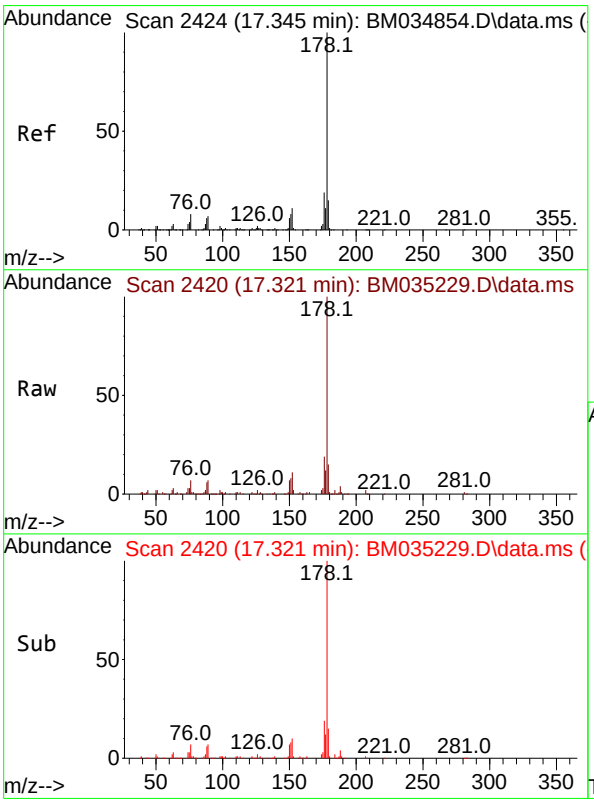
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.280 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM035229.D
Acq: 24 May 2022 21:09

Instrument :
BNA_M
ClientSampleId :
SB-12(2.5-3)

Tgt Ion:188 Resp: 584139

Ion	Ratio	Lower	Upper
188	100		
94	7.5	7.0	10.4
80	8.0	7.6	11.4

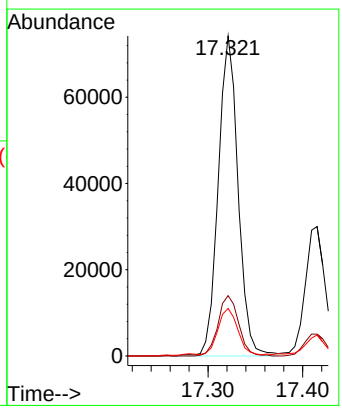


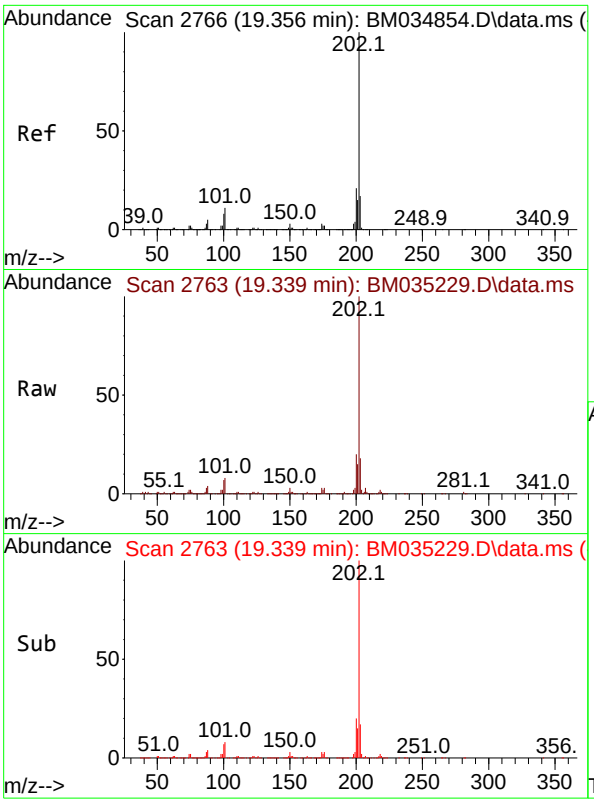


#71
Phenanthrene
Concen: 3.325 ng
RT: 17.321 min Scan# 2420
Delta R.T. -0.006 min
Lab File: BM035229.D
Acq: 24 May 2022 21:09

Tgt Ion:178 Resp: 108257

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.0
179	14.8	12.4	18.6



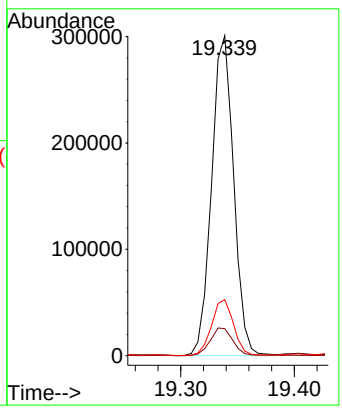


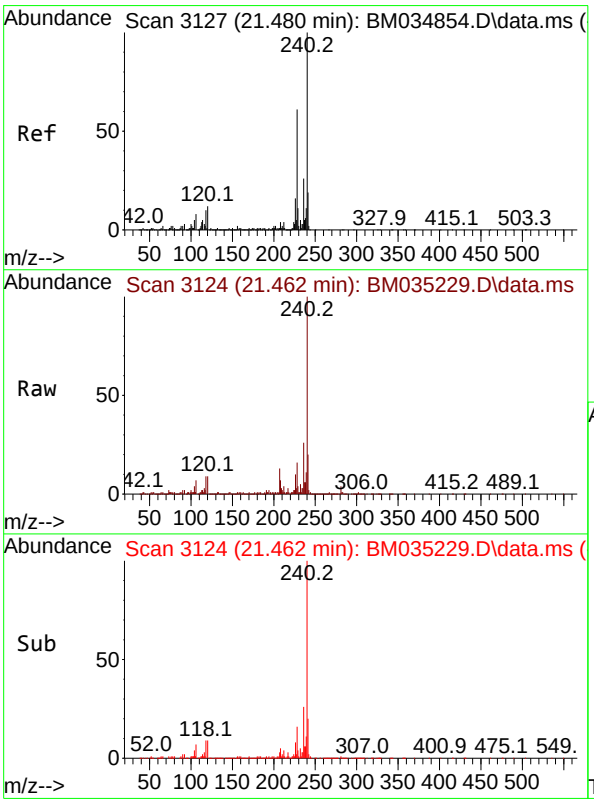
#75
Fluoranthene
Concen: 11.364 ng
RT: 19.339 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM035229.D
Acq: 24 May 2022 21:09

Instrument :
BNA_M
ClientSampleId :
SB-12(2.5-3)

Tgt Ion:202 Resp: 406233

Ion	Ratio	Lower	Upper
202	100		
101	8.5	0.0	30.6
203	17.5	0.0	37.4

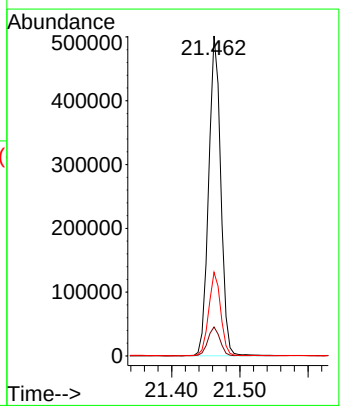


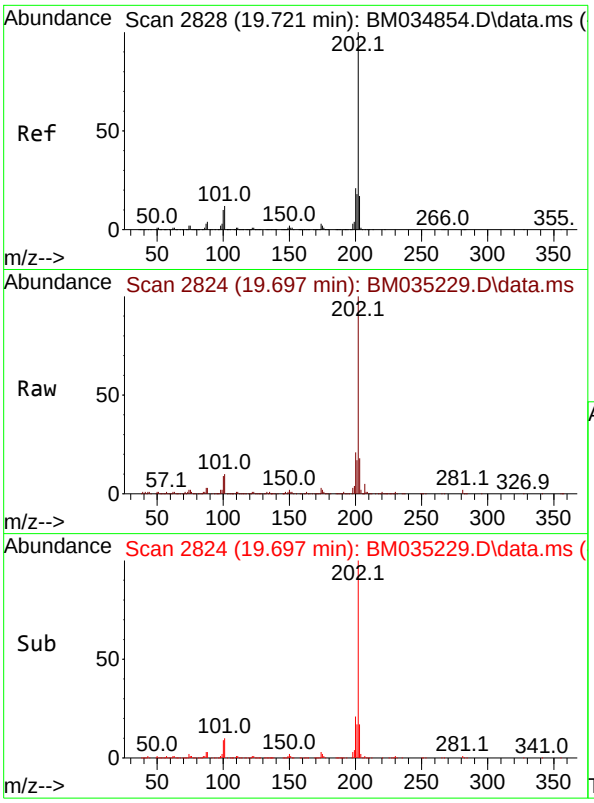


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.462 min Scan# 3124
Delta R.T. -0.012 min
Lab File: BM035229.D
Acq: 24 May 2022 21:09

Tgt Ion:240 Resp: 618577

Ion	Ratio	Lower	Upper
240	100		
120	9.1	9.4	14.0#
236	26.1	20.6	30.8



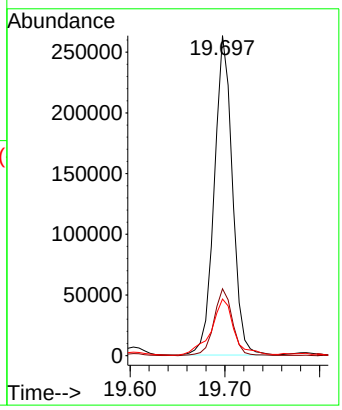


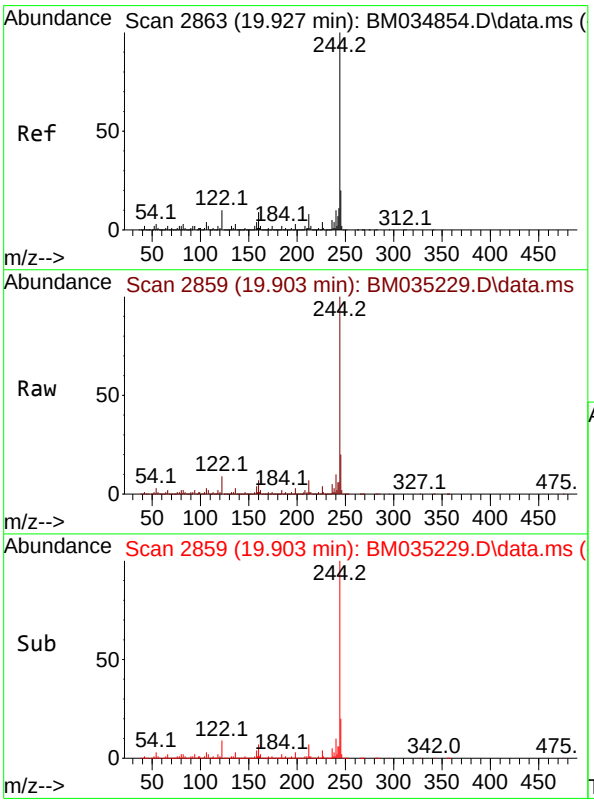
#78
Pyrene
Concen: 8.589 ng
RT: 19.697 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM035229.D
Acq: 24 May 2022 21:09

Instrument :
BNA_M
ClientSampleId :
SB-12(2.5-3)

Tgt Ion:202 Resp: 351350

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	17.7	13.9	20.9

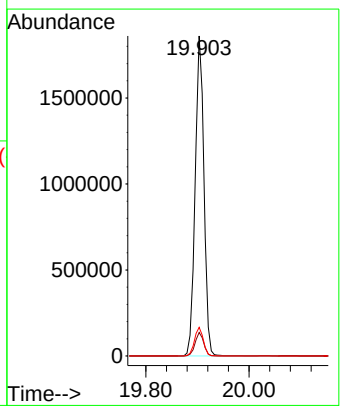


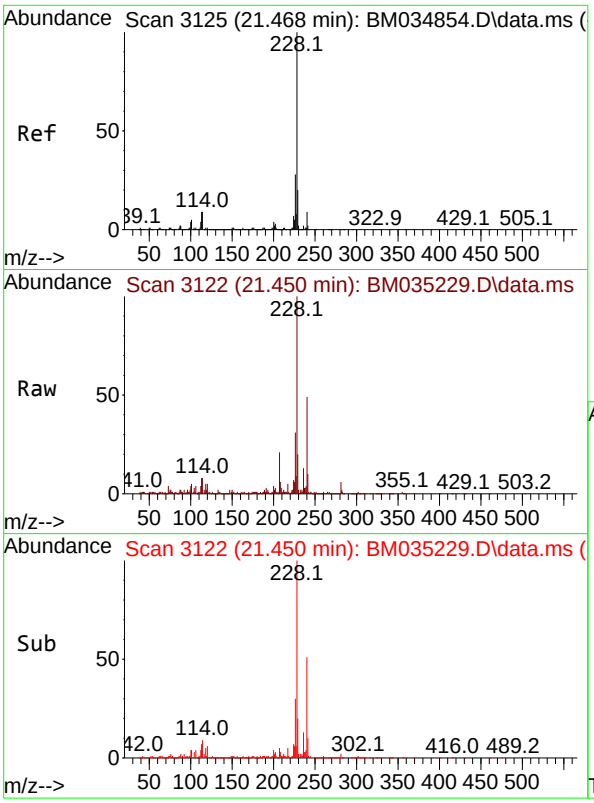


#79
Terphenyl-d14
Concen: 68.474 ng
RT: 19.903 min Scan# 2859
Delta R.T. -0.012 min
Lab File: BM035229.D
Acq: 24 May 2022 21:09

Tgt Ion:244 Resp: 2187608

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.2	9.4
122	8.9	8.3	12.5



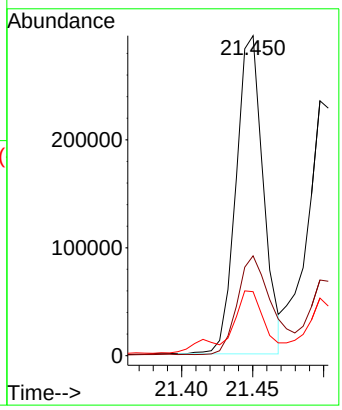


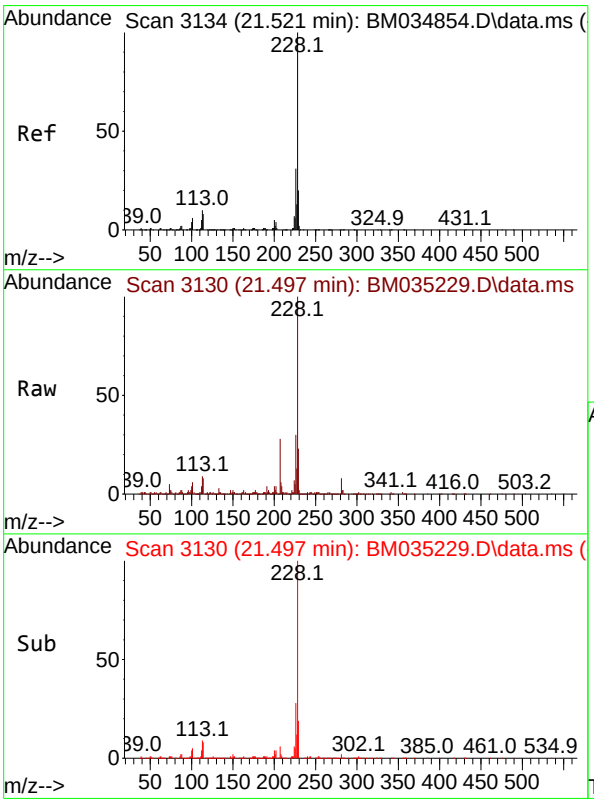
#81
Benzo(a)anthracene
Concen: 9.543 ng
RT: 21.450 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM035229.D
Acq: 24 May 2022 21:09

Instrument :
BNA_M
ClientSampleId :
SB-12(2.5-3)

Tgt Ion:228 Resp: 393893

Ion	Ratio	Lower	Upper
228	100		
226	31.2	22.3	33.5
229	20.0	15.8	23.6

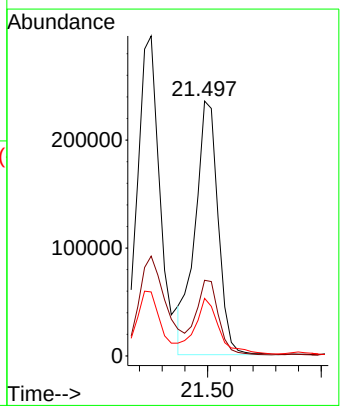


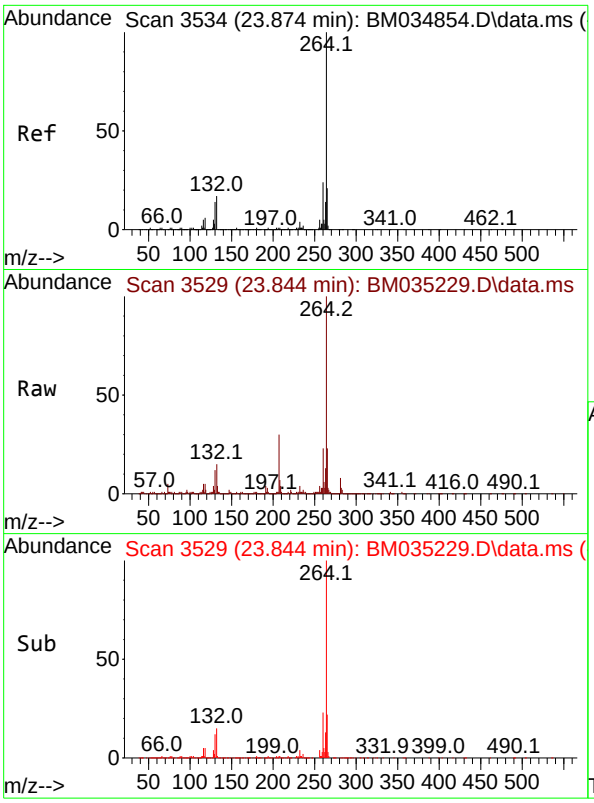


#83
Chrysene
Concen: 8.410 ng
RT: 21.497 min Scan# 3130
Delta R.T. -0.012 min
Lab File: BM035229.D
Acq: 24 May 2022 21:09

Tgt Ion:228 Resp: 331558

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.4	36.6
229	22.6	15.8	23.8



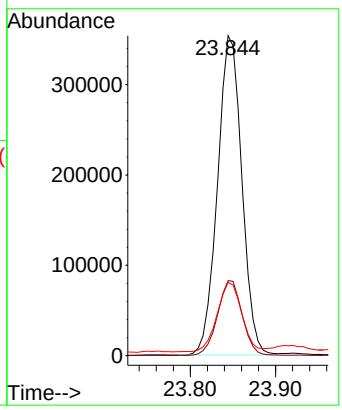


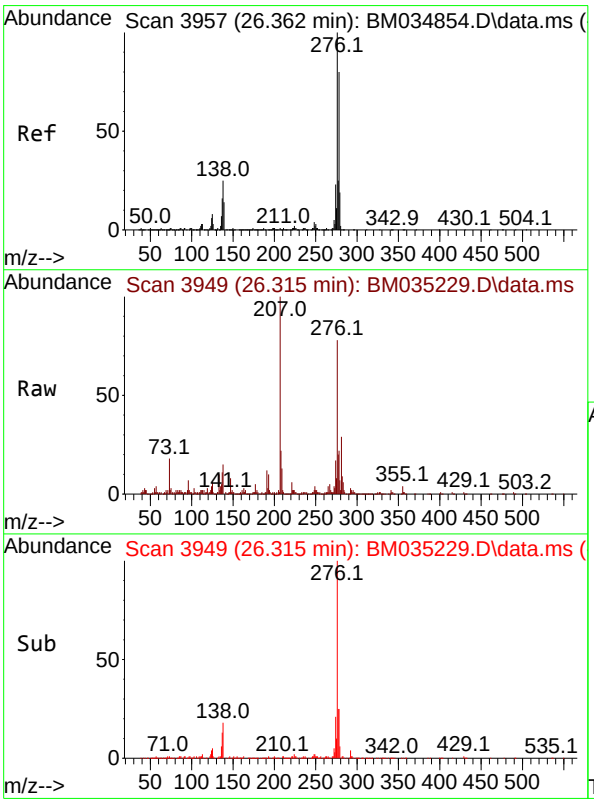
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.844 min Scan# 3
Delta R.T. -0.012 min
Lab File: BM035229.D
Acq: 24 May 2022 21:09

Instrument :
BNA_M
ClientSampleId :
SB-12(2.5-3)

Tgt Ion:264 Resp: 703626

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.9	28.3
265	22.9	17.5	26.3

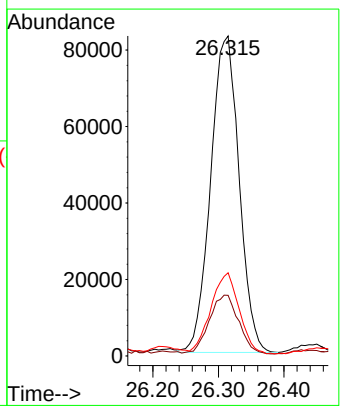


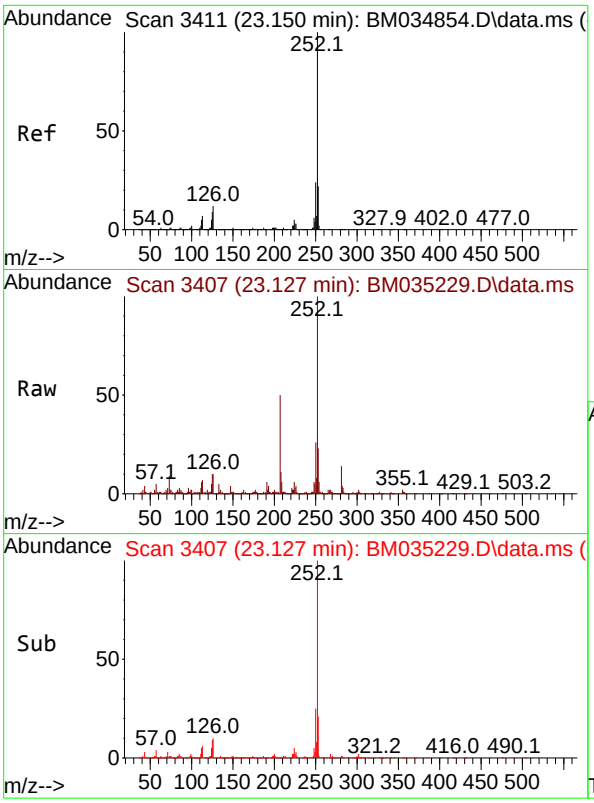


#87
Indeno(1,2,3-cd)pyrene
Concen: 4.667 ng
RT: 26.315 min Scan# 3949
Delta R.T. -0.018 min
Lab File: BM035229.D
Acq: 24 May 2022 21:09

Tgt Ion:276 Resp: 249645

Ion	Ratio	Lower	Upper
276	100		
138	19.1	20.2	30.4#
277	25.5	20.2	30.2



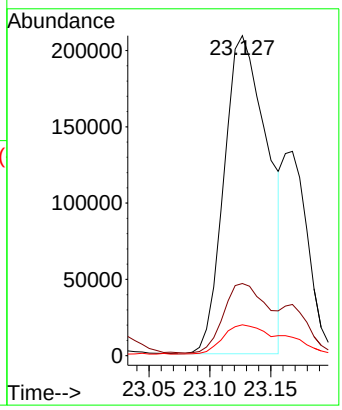


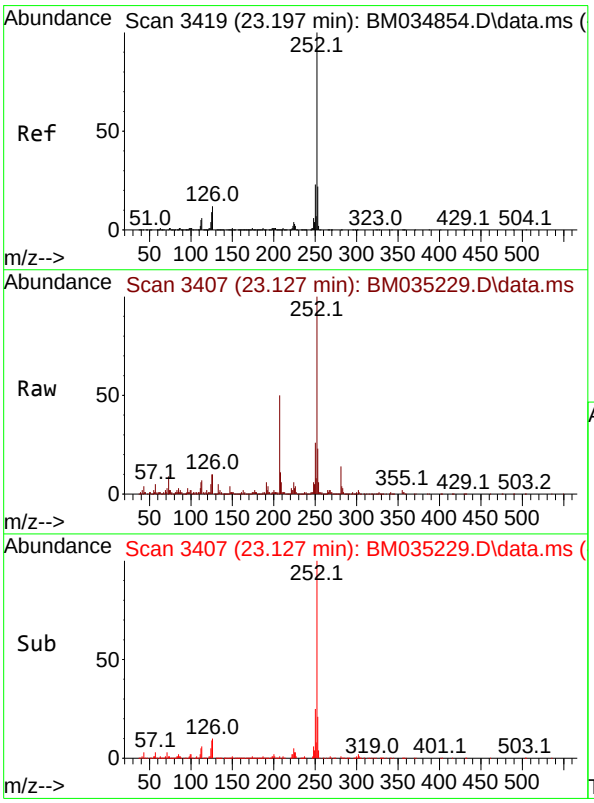
#88
Benzo(b)fluoranthene
Concen: 11.756 ng
RT: 23.127 min Scan# 34
Delta R.T. -0.006 min
Lab File: BM035229.D
Acq: 24 May 2022 21:09

Instrument :
BNA_M
ClientSampleId :
SB-12(2.5-3)

Tgt Ion:252 Resp: 520245

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.6	26.4
125	9.7	7.6	11.4

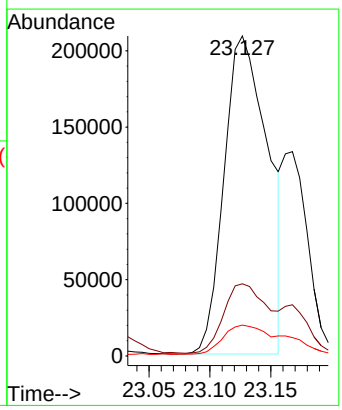


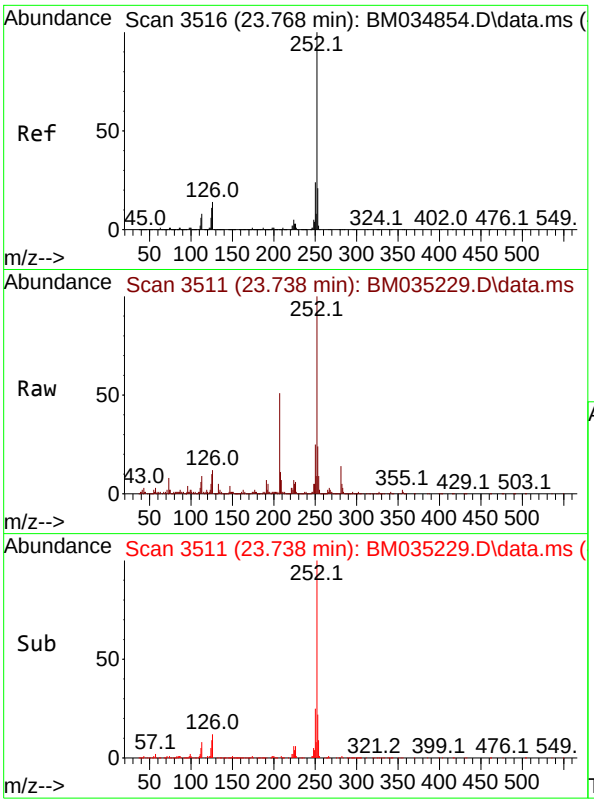


#89
Benzo(k)fluoranthene
Concen: 11.613 ng
RT: 23.127 min Scan# 3407
Delta R.T. -0.053 min
Lab File: BM035229.D
Acq: 24 May 2022 21:09

Tgt Ion:252 Resp: 520245

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	9.7	7.6	11.4



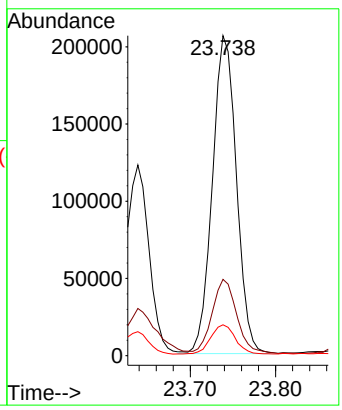


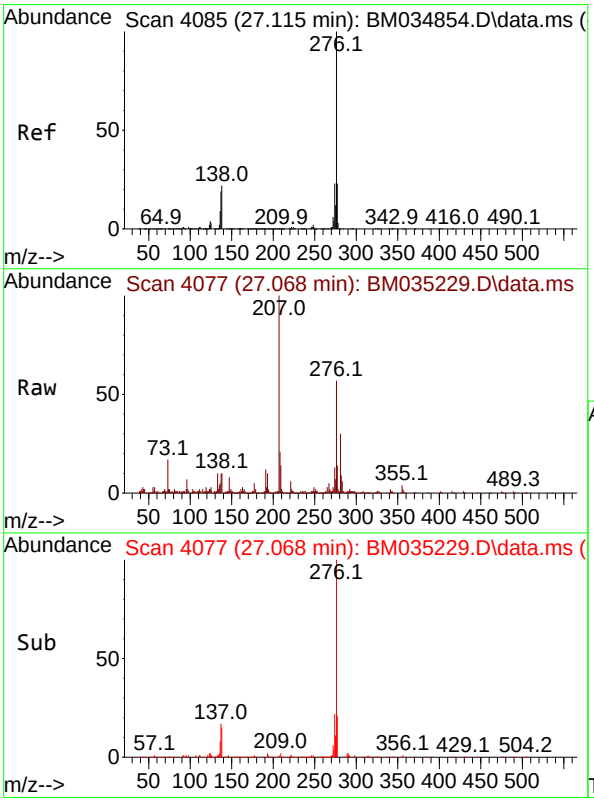
#90
Benzo(a)pyrene
Concen: 10.987 ng
RT: 23.738 min Scan# 3
Delta R.T. -0.012 min
Lab File: BM035229.D
Acq: 24 May 2022 21:09

Instrument :
BNA_M
ClientSampleId :
SB-12(2.5-3)

Tgt Ion:252 Resp: 403940

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.2	25.8
125	9.6	8.7	13.1





#92
Benzo(g,h,i)perylene
Concen: 4.784 ng
RT: 27.068 min Scan# 4077
Delta R.T. -0.024 min
Lab File: BM035229.D
Acq: 24 May 2022 21:09

Tgt Ion:276 Resp: 206281

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.7	28.1
138	16.9	17.6	26.4#