Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041123\
Data File : BM039392.D
Acq On : 11 Apr 2023 13:46
Operator : CG/JU
Sample : 02256-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
360

Quant Time: Apr 12 01:36:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 11 16:05:42 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.863	152	165254	20.000	ng		0.00
21) Naphthalene-d8	10.675	136	657795	20.000	ng		0.00
39) Acenaphthene-d10	14.516	164	401997	20.000	ng		0.00
64) Phenanthrene-d10	17.268	188	868254	20.000	ng		0.00
76) Chrysene-d12	21.462	240	821271	20.000	ng		0.00
86) Perylene-d12	23.850	264	997799	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	871864	79.487	ng		0.00
7) Phenol-d6	7.034	99	1142002	80.496	ng		0.00
23) Nitrobenzene-d5	9.034	82	631759	46.679	ng		0.00
42) 2,4,6-Tribromophenol	16.010	330	400131	78.412	ng		0.00
45) 2-Fluorobiphenyl	13.139	172	768671	25.908	ng		0.00
79) Terphenyl-d14	19.898	244	1341466	30.178	ng		0.00
Target Compounds							Qvalue
63) Azobenzene	15.880	77	86998	2.785	ng	#	1
71) Phenanthrene	17.309	178	151771	3.192	ng		99
75) Fluoranthene	19.327	202	635294	11.720	ng		99
78) Pyrene	19.692	202	556497	9.518	ng		98
81) Benzo(a)anthracene	21.445	228	282451	4.876	ng		99
83) Chrysene	21.497	228	269747	4.824	ng		98
87) Indeno(1,2,3-cd)pyrene	26.315	276	172998	2.353	ng		95
88) Benzo(b)fluoranthene	23.127	252	376495	6.167	ng		97
89) Benzo(k)fluoranthene	23.127	252	376495	6.054	ng	#	97
90) Benzo(a)pyrene	23.744	252	256999	4.285	ng	#	96
92) Benzo(g,h,i)perylene	27.079	276	176063	2.900	ng		96

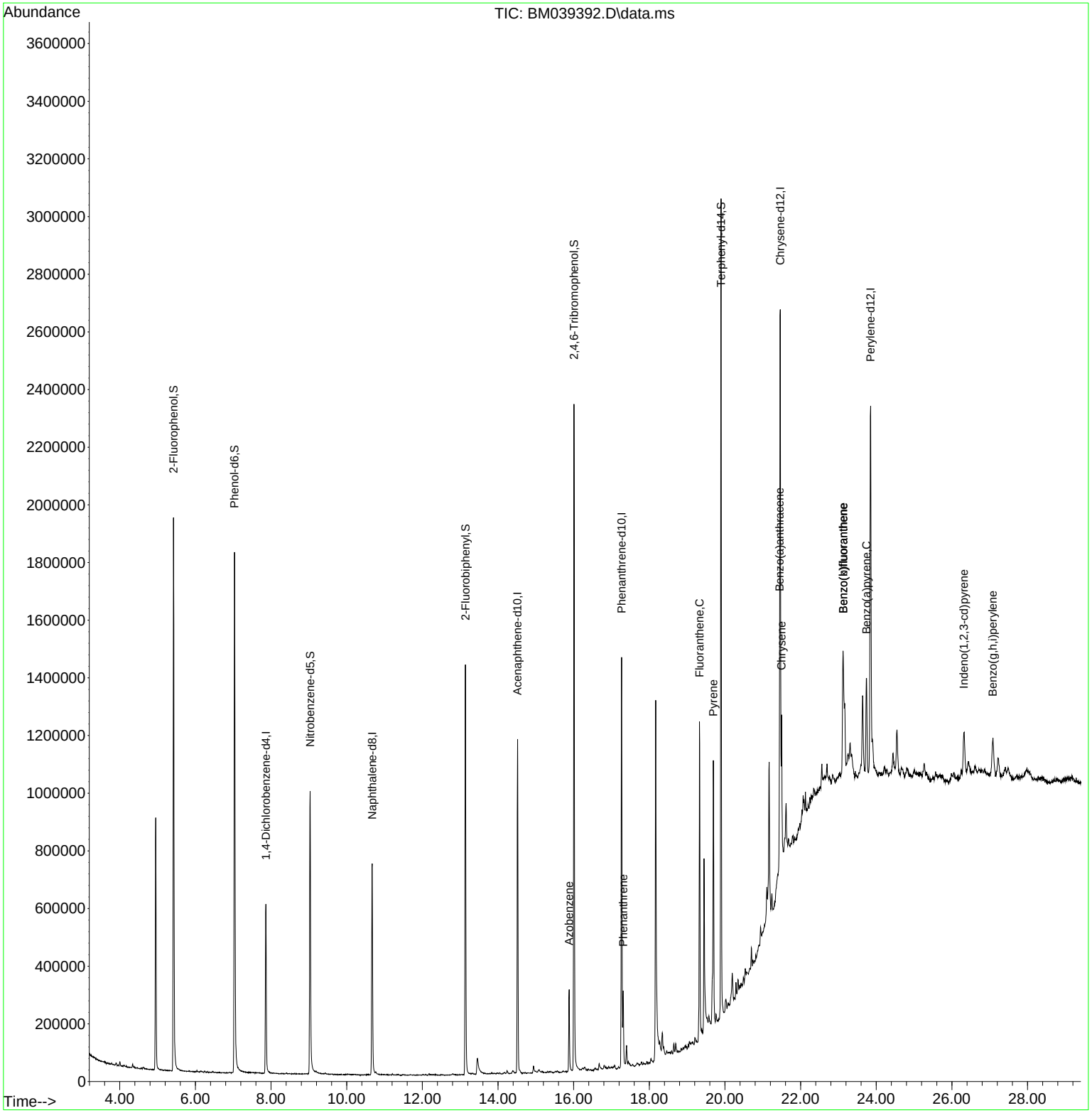
(#) = qualifier out of range (m) = manual integration (+) = signals summed

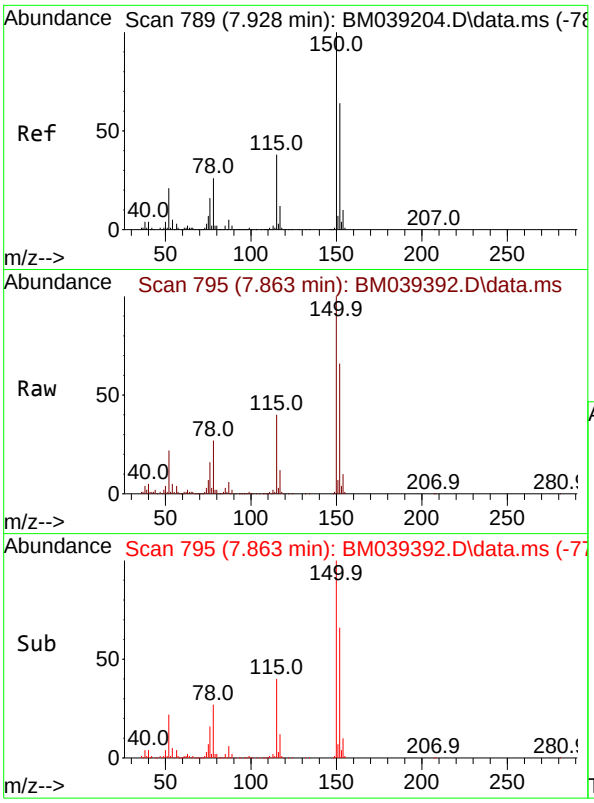
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041123\
Data File : BM039392.D
Acq On : 11 Apr 2023 13:46
Operator : CG/JU
Sample : 02256-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
360

Quant Time: Apr 12 01:36:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 11 16:05:42 2023
Response via : Initial Calibration



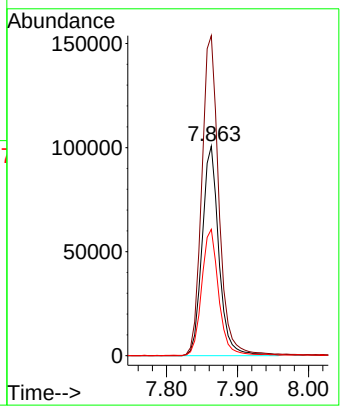


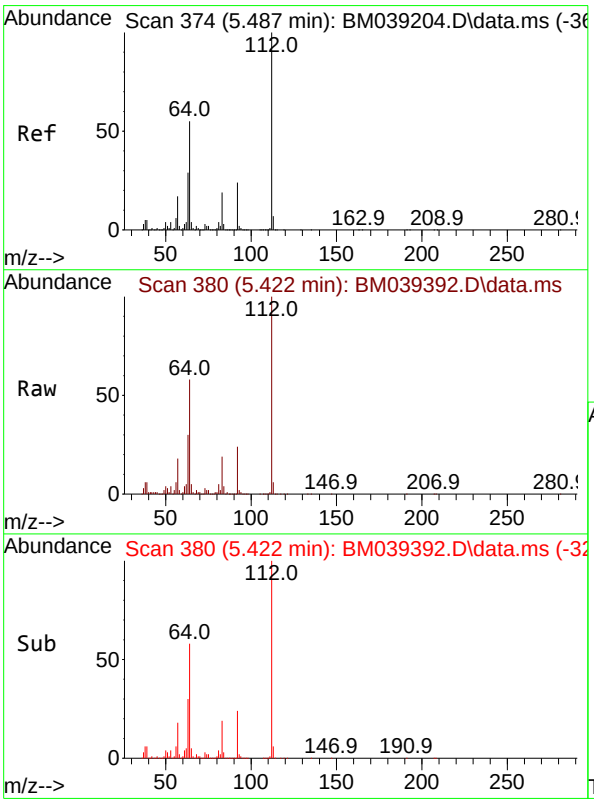
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 7
Delta R.T. 0.000 min
Lab File: BM039392.D
Acq: 11 Apr 2023 13:46

Instrument :
BNA_M
ClientSampleId :
360

Tgt Ion:152 Resp: 165254

Ion	Ratio	Lower	Upper
152	100		
150	152.6	125.5	188.3
115	60.3	48.1	72.1

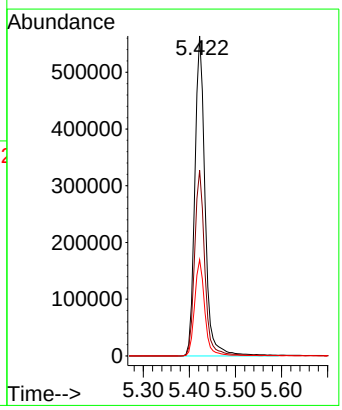


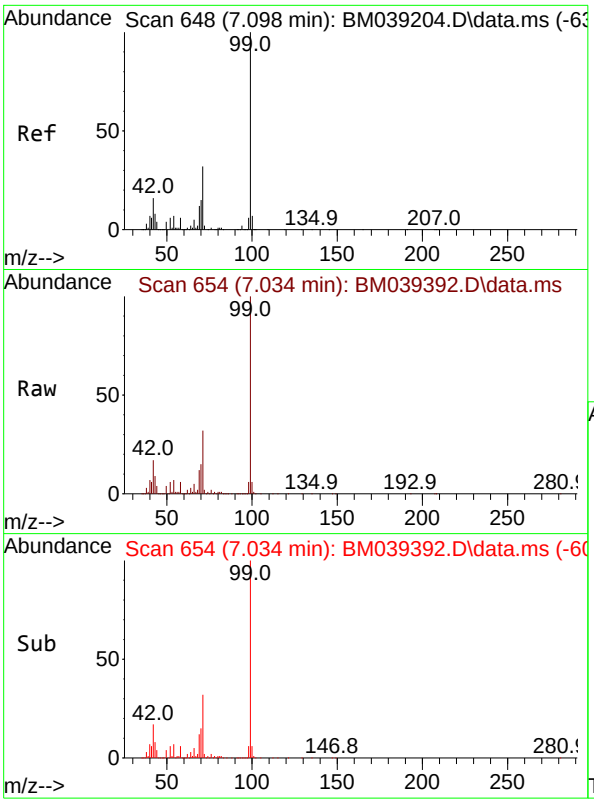


#5
2-Fluorophenol
Concen: 79.487 ng
RT: 5.422 min Scan# 380
Delta R.T. 0.000 min
Lab File: BM039392.D
Acq: 11 Apr 2023 13:46

Tgt Ion:112 Resp: 871864

Ion	Ratio	Lower	Upper
112	100		
64	58.0	44.3	66.5
63	30.1	23.0	34.6



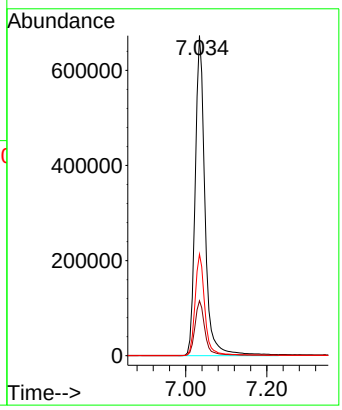


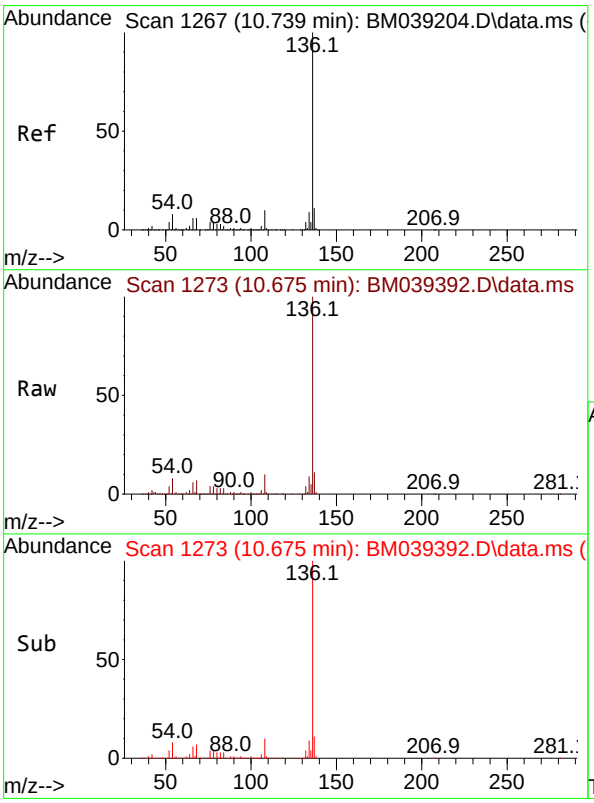
#7
Phenol-d6
Concen: 80.496 ng
RT: 7.034 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM039392.D
Acq: 11 Apr 2023 13:46

Instrument :
BNA_M
ClientSampleId :
360

Tgt Ion: 99 Resp: 1142002

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.0	19.6
71	31.7	25.5	38.3

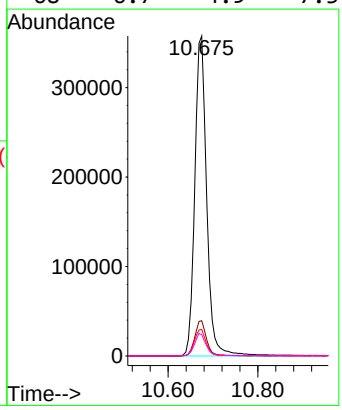


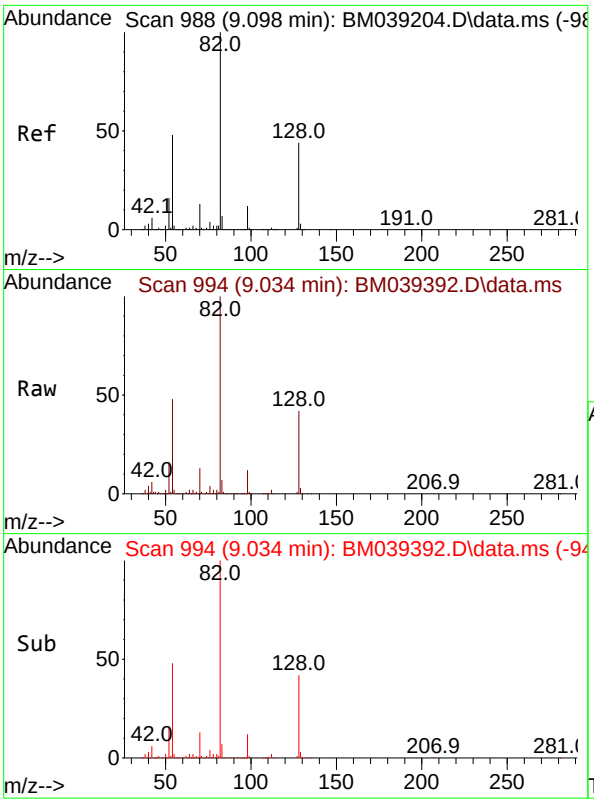


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.675 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BM039392.D
Acq: 11 Apr 2023 13:46

Tgt Ion:136 Resp: 657795

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.3	6.2	9.4
68	6.7	4.9	7.3



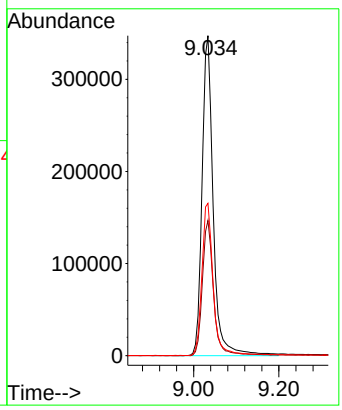


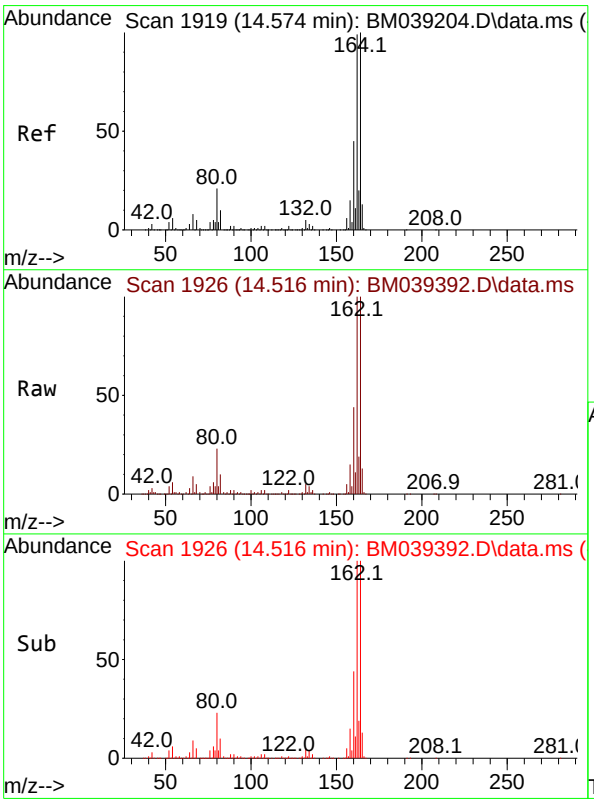
#23
Nitrobenzene-d5
Concen: 46.679 ng
RT: 9.034 min Scan# 9
Delta R.T. 0.000 min
Lab File: BM039392.D
Acq: 11 Apr 2023 13:46

Instrument :
BNA_M
ClientSampleId :
360

Tgt Ion: 82 Resp: 631759

Ion	Ratio	Lower	Upper
82	100		
128	42.2	35.1	52.7
54	47.6	38.5	57.7

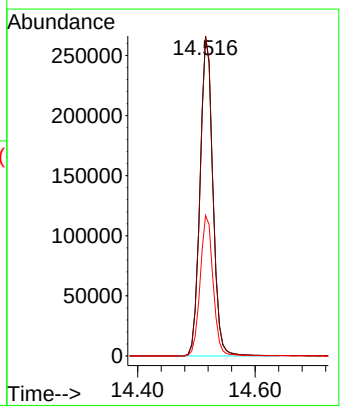


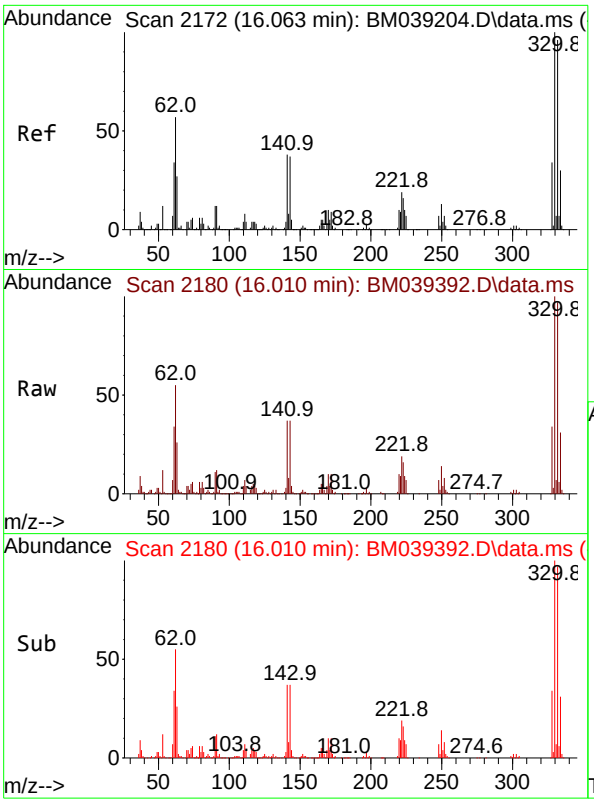


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.516 min Scan# 1926
Delta R.T. 0.000 min
Lab File: BM039392.D
Acq: 11 Apr 2023 13:46

Tgt Ion:164 Resp: 401997

Ion	Ratio	Lower	Upper
164	100		
162	100.1	79.1	118.7
160	44.0	35.8	53.8



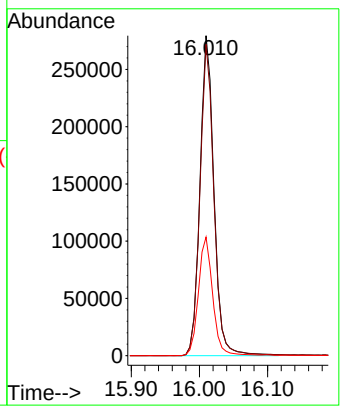


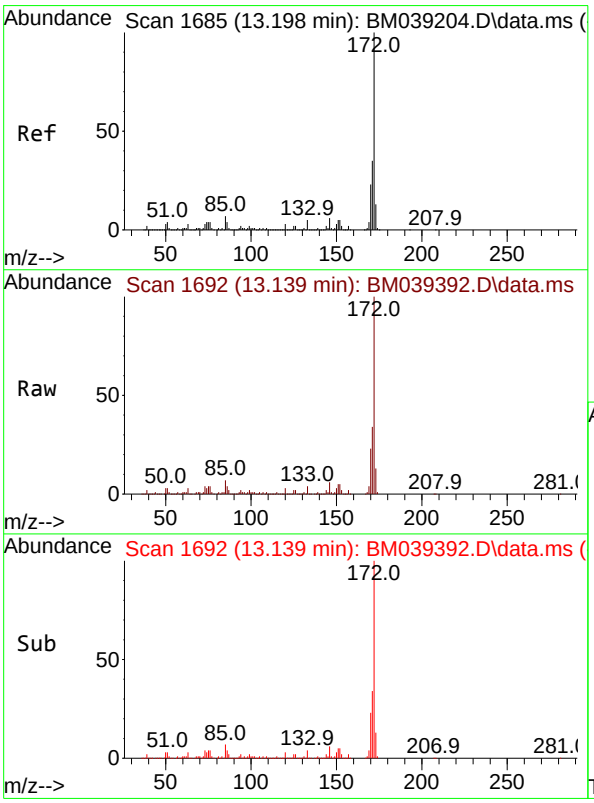
#42
2,4,6-Tribromophenol
Concen: 78.412 ng
RT: 16.010 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM039392.D
Acq: 11 Apr 2023 13:46

Instrument :
BNA_M
ClientSampleId :
360

Tgt Ion:330 Resp: 400131

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.4	116.0
141	37.9	29.8	44.6

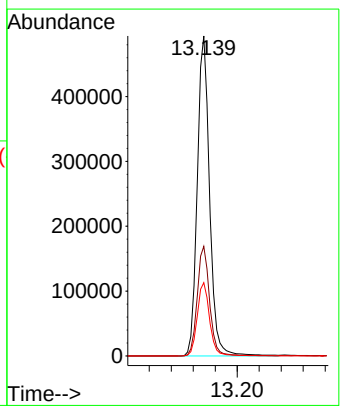


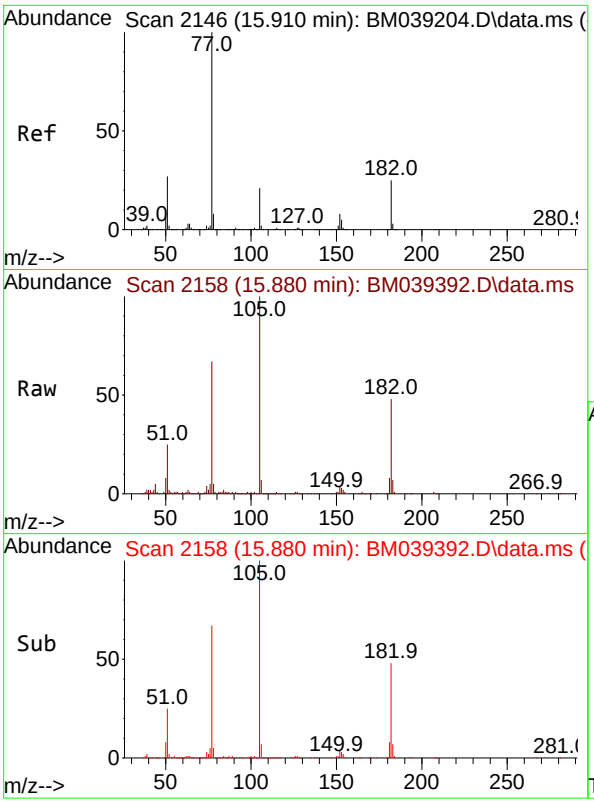


#45
2-Fluorobiphenyl
Concen: 25.908 ng
RT: 13.139 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BM039392.D
Acq: 11 Apr 2023 13:46

Tgt Ion:172 Resp: 768671

Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.0	42.0
170	22.9	18.7	28.1



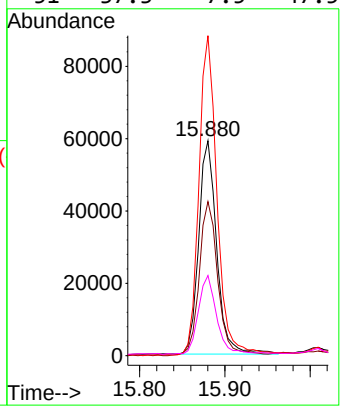


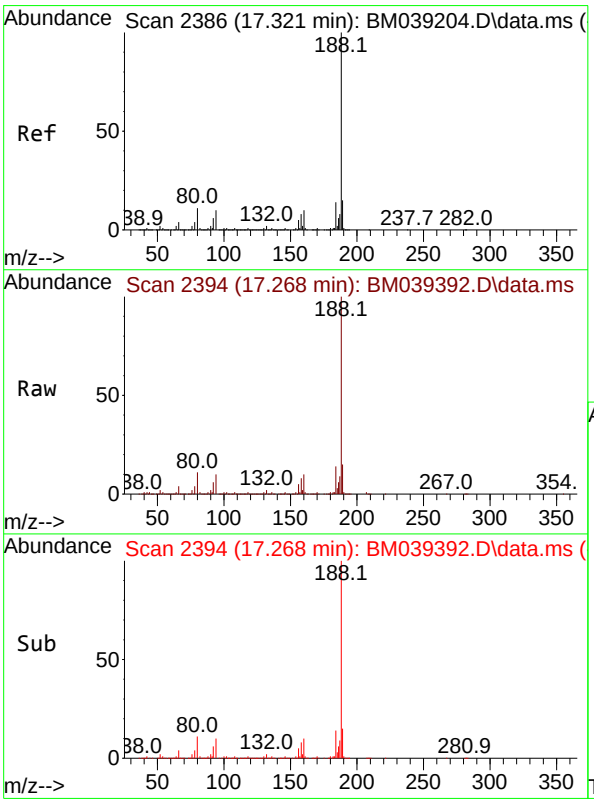
#63
Azobenzene
Concen: 2.785 ng
RT: 15.880 min Scan# 2
Delta R.T. 0.024 min
Lab File: BM039392.D
Acq: 11 Apr 2023 13:46

Instrument :
BNA_M
ClientSampleId :
360

Tgt Ion: 77 Resp: 86998

Ion	Ratio	Lower	Upper
77	100		
182	71.7	4.8	44.8#
105	148.9	1.4	41.4#
51	37.3	7.5	47.5

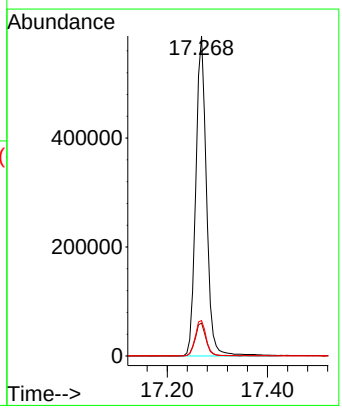


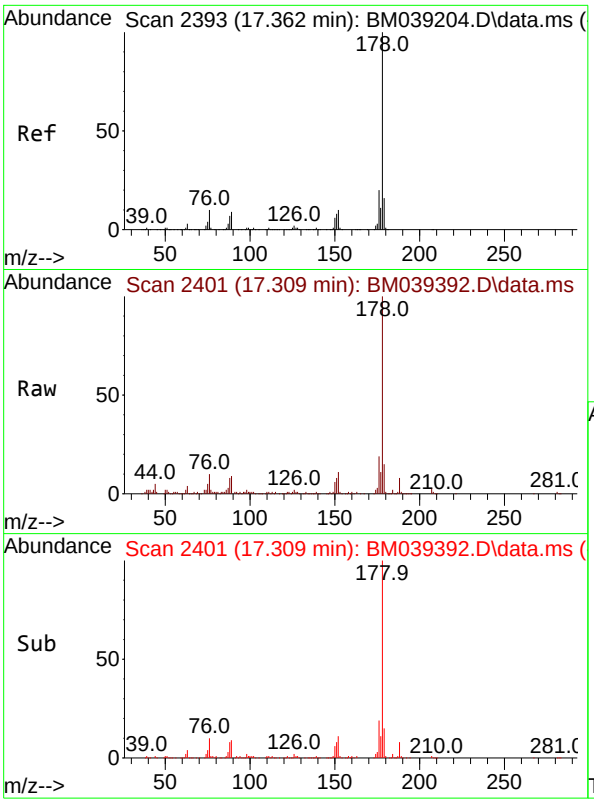


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.268 min Scan# 2394
Delta R.T. 0.000 min
Lab File: BM039392.D
Acq: 11 Apr 2023 13:46

Tgt Ion:188 Resp: 868254

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.2	12.4
80	11.0	8.9	13.3



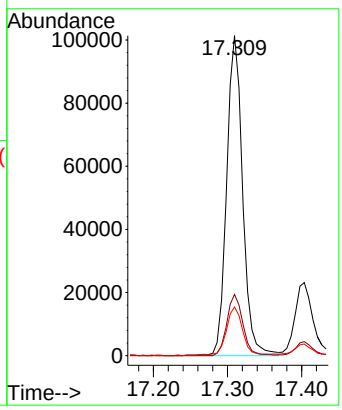


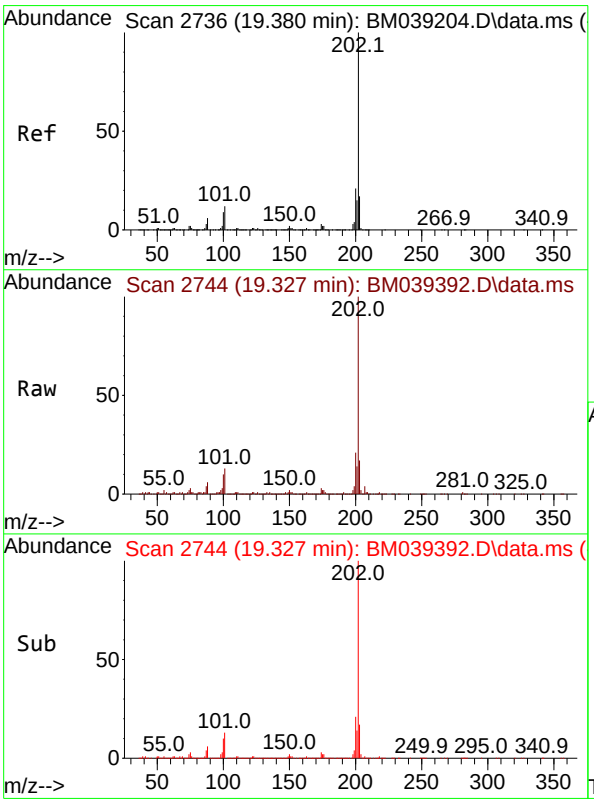
#71
Phenanthrene
Concen: 3.192 ng
RT: 17.309 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM039392.D
Acq: 11 Apr 2023 13:46

Instrument :
BNA_M
ClientSampleId :
360

Tgt Ion:178 Resp: 151771

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.7	23.5
179	15.2	12.4	18.6

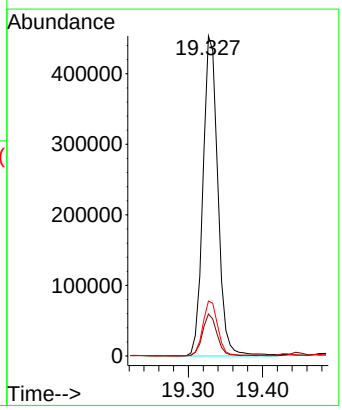


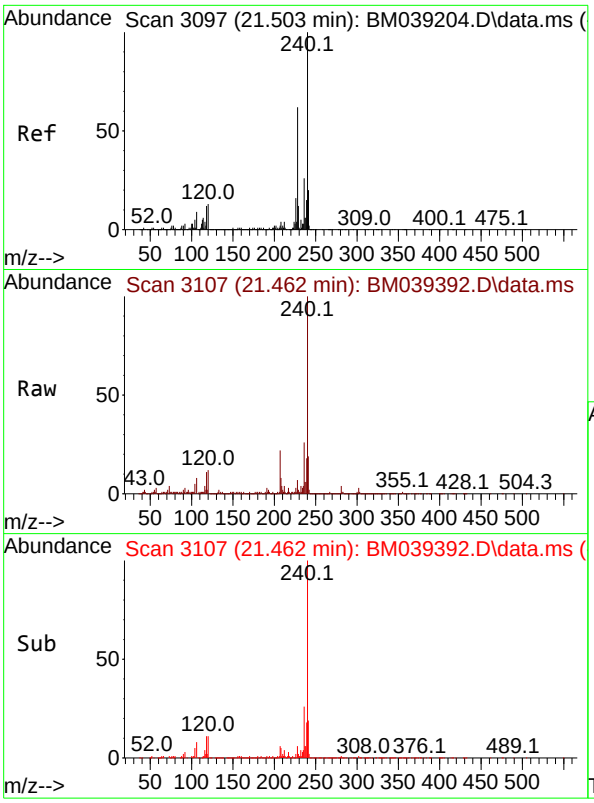


#75
Fluoranthene
Concen: 11.720 ng
RT: 19.327 min Scan# 2744
Delta R.T. -0.006 min
Lab File: BM039392.D
Acq: 11 Apr 2023 13:46

Tgt Ion:202 Resp: 635294

Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	32.5
203	17.2	0.0	37.5



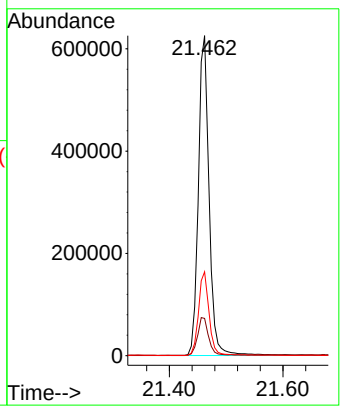


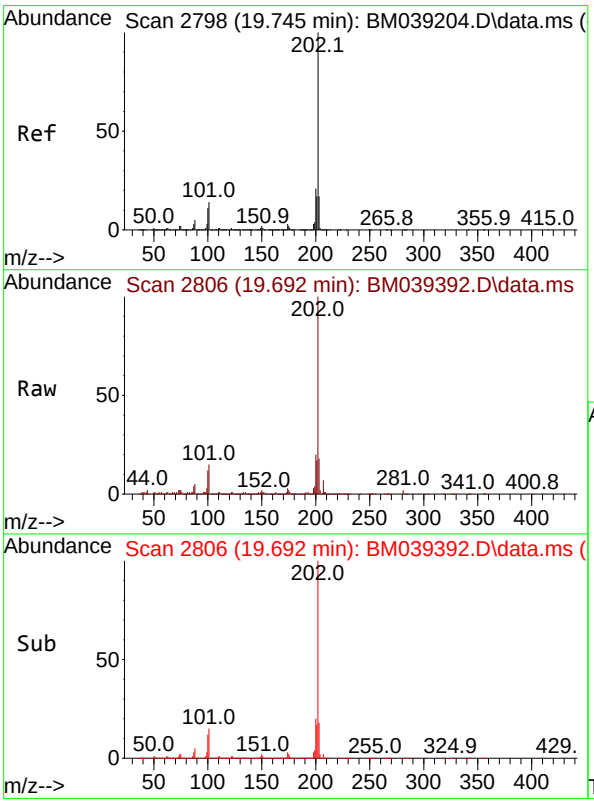
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.462 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM039392.D
Acq: 11 Apr 2023 13:46

Instrument :
BNA_M
ClientSampleId :
360

Tgt Ion:240 Resp: 821271

Ion	Ratio	Lower	Upper
240	100		
120	11.6	10.2	15.2
236	26.2	20.9	31.3

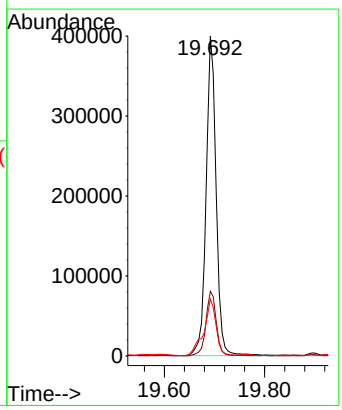


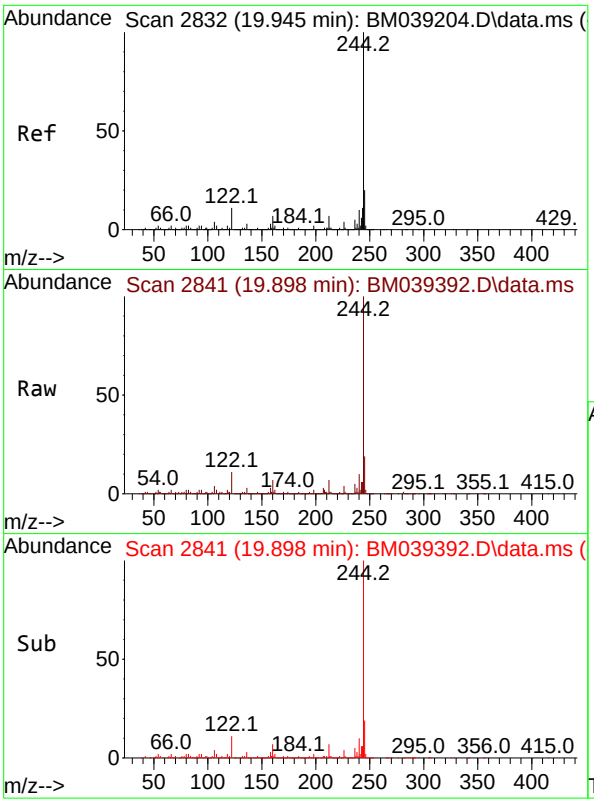


#78
Pyrene
Concen: 9.518 ng
RT: 19.692 min Scan# 2806
Delta R.T. -0.006 min
Lab File: BM039392.D
Acq: 11 Apr 2023 13:46

Tgt Ion:202 Resp: 556497

Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.1	25.7
203	17.8	13.9	20.9



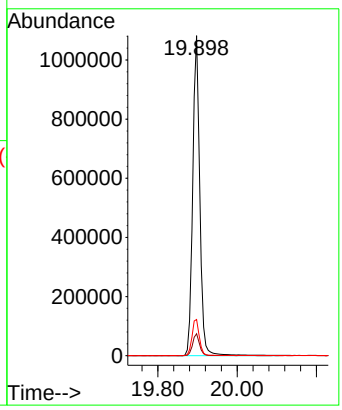


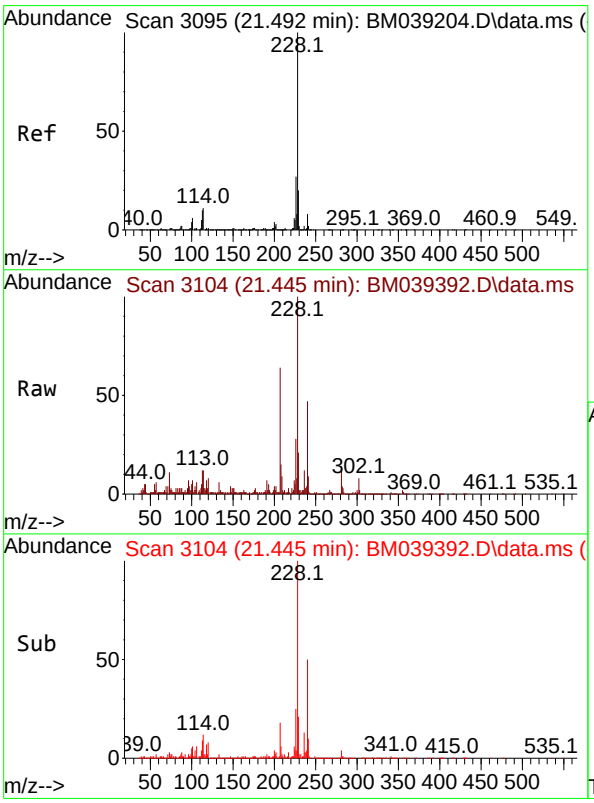
#79
Terphenyl-d14
Concen: 30.178 ng
RT: 19.898 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM039392.D
Acq: 11 Apr 2023 13:46

Instrument :
BNA_M
ClientSampleId :
360

Tgt Ion:244 Resp: 1341466

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	11.3	9.1	13.7

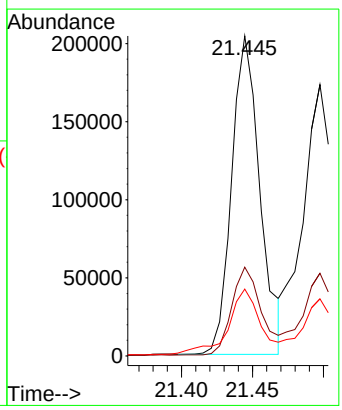


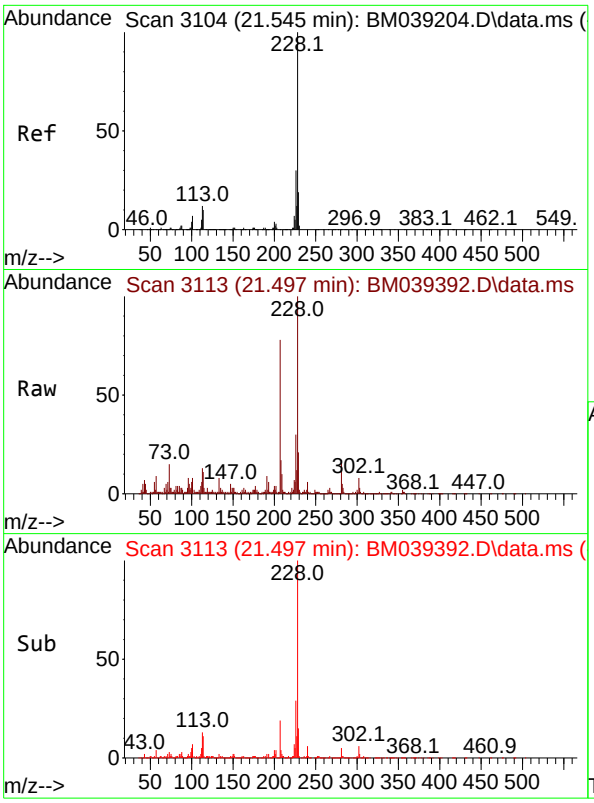


#81
Benzo(a)anthracene
Concen: 4.876 ng
RT: 21.445 min Scan# 3104
Delta R.T. 0.000 min
Lab File: BM039392.D
Acq: 11 Apr 2023 13:46

Tgt Ion:228 Resp: 282451

Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.9	32.9
229	20.9	15.8	23.6



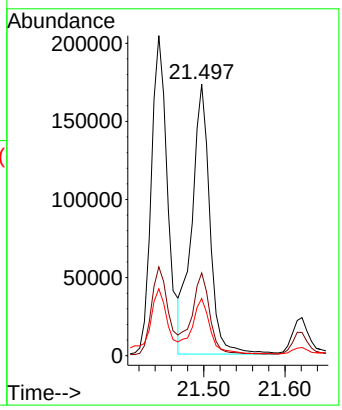


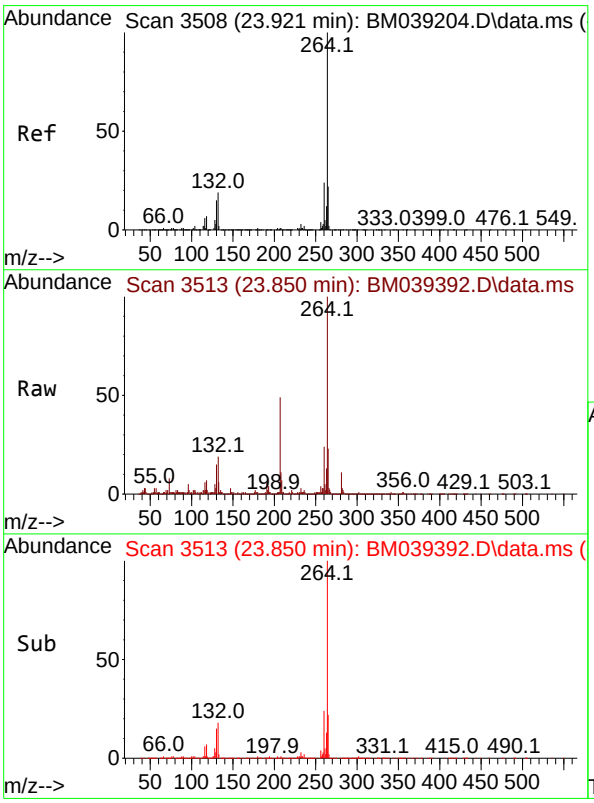
#83
Chrysene
Concen: 4.824 ng
RT: 21.497 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM039392.D
Acq: 11 Apr 2023 13:46

Instrument :
BNA_M
ClientSampleId :
360

Tgt Ion:228 Resp: 269747

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.1	36.1
229	21.0	15.5	23.3

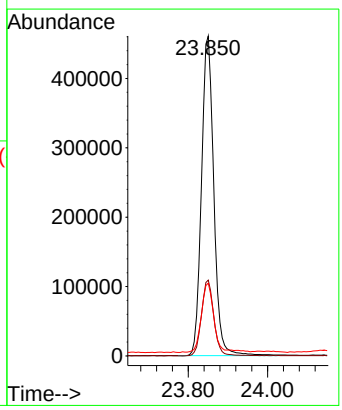


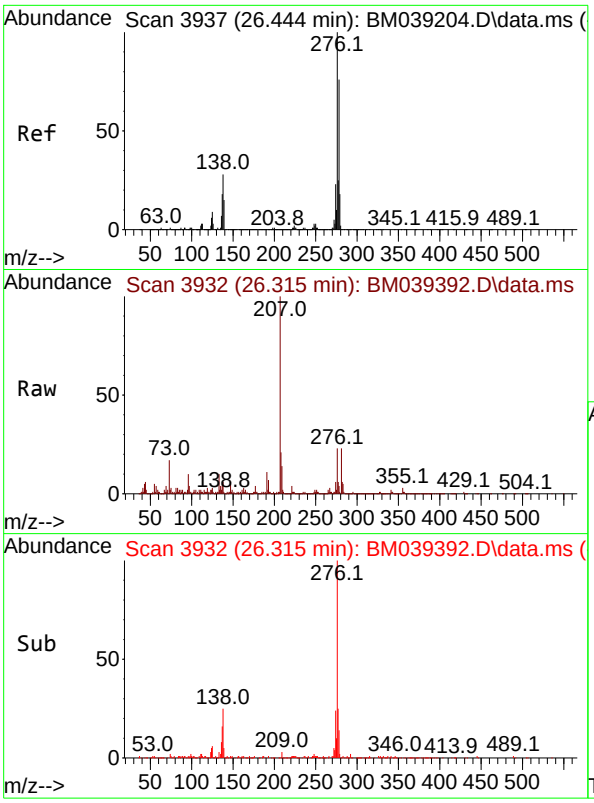


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.850 min Scan# 3513
Delta R.T. 0.000 min
Lab File: BM039392.D
Acq: 11 Apr 2023 13:46

Tgt Ion:264 Resp: 997799

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.6
265	22.7	18.1	27.1



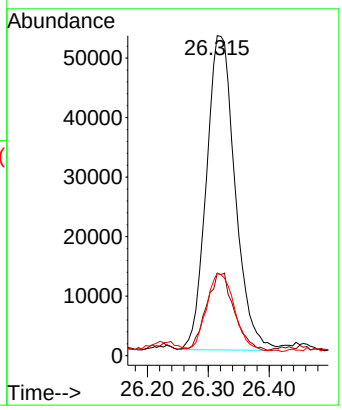


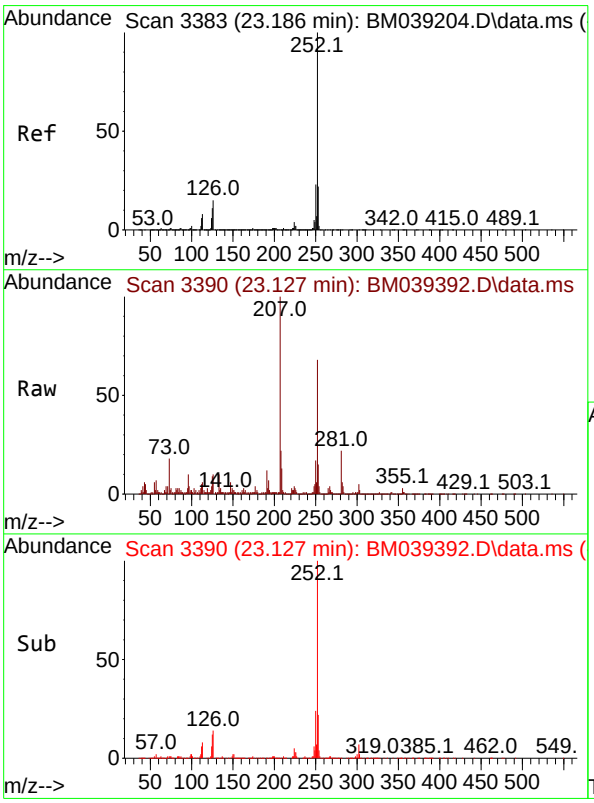
#87
Indeno(1,2,3-cd)pyrene
Concen: 2.353 ng
RT: 26.315 min Scan# 3
Delta R.T. -0.023 min
Lab File: BM039392.D
Acq: 11 Apr 2023 13:46

Instrument :
BNA_M
ClientSampleId :
360

Tgt Ion:276 Resp: 172998

Ion	Ratio	Lower	Upper
276	100		
138	23.6	22.2	33.2
277	23.8	20.2	30.2

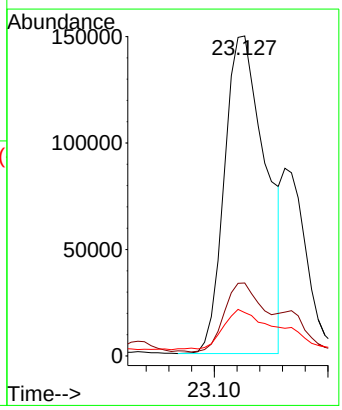


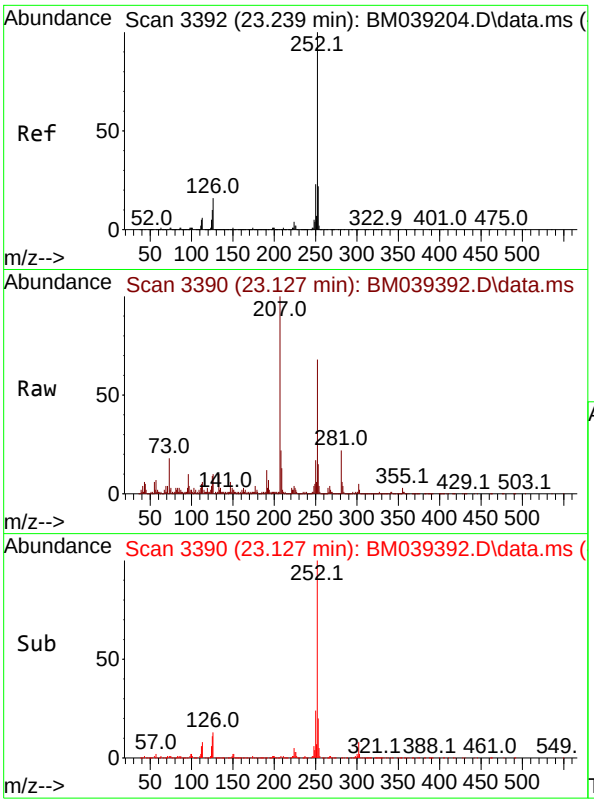


#88
Benzo(b)fluoranthene
Concen: 6.167 ng
RT: 23.127 min Scan# 3390
Delta R.T. 0.000 min
Lab File: BM039392.D
Acq: 11 Apr 2023 13:46

Tgt Ion:252 Resp: 376495

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.6	26.4
125	13.5	9.0	13.6



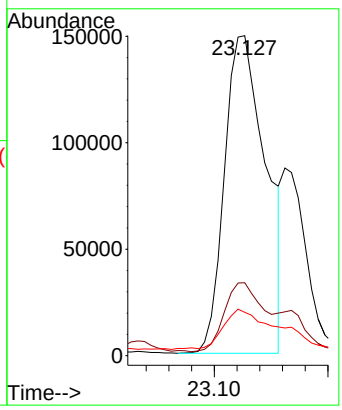


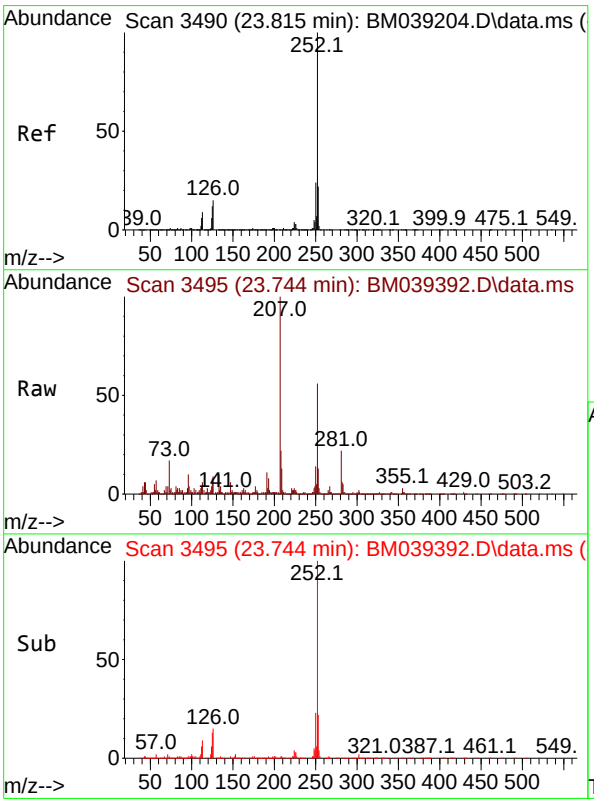
#89
Benzo(k)fluoranthene
Concen: 6.054 ng
RT: 23.127 min Scan# 3
Delta R.T. -0.047 min
Lab File: BM039392.D
Acq: 11 Apr 2023 13:46

Instrument :
BNA_M
ClientSampleId :
360

Tgt Ion:252 Resp: 376495

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.8
125	13.5	8.5	12.7#

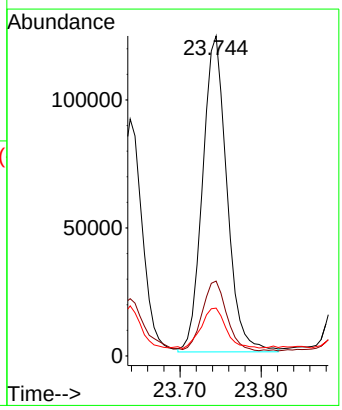


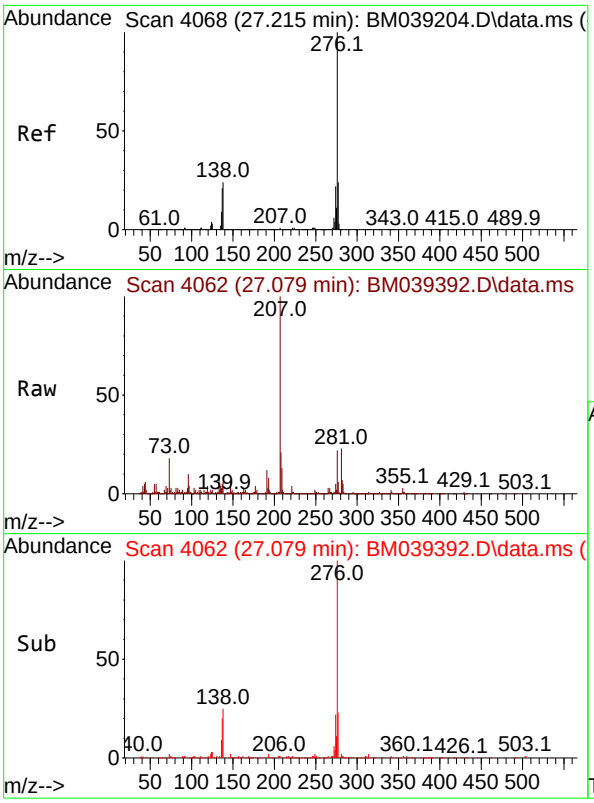


#90
Benzo(a)pyrene
Concen: 4.285 ng
RT: 23.744 min Scan# 3495
Delta R.T. -0.006 min
Lab File: BM039392.D
Acq: 11 Apr 2023 13:46

Tgt Ion:252 Resp: 256999

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.6	26.4
125	14.9	9.8	14.6#





#92
Benzo(g,h,i)perylene
Concen: 2.900 ng
RT: 27.079 min Scan# 4
Delta R.T. -0.023 min
Lab File: BM039392.D
Acq: 11 Apr 2023 13:46

Instrument :
BNA_M
ClientSampleId :
360

Tgt Ion:276 Resp: 176063

Ion	Ratio	Lower	Upper
276	100		
277	25.5	19.1	28.7
138	26.5	19.5	29.3