Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041323\
Data File : BM039426.D
Acq On : 14 Apr 2023 00:36
Operator : CG/JU
Sample : 02308-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EO-01-041223

Quant Time: Apr 14 05:20:15 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	7.857	152	206167	20.000	ng		0.00
21) Naphthalene-d8	10.663	136	821371	20.000	ng		-0.01
39) Acenaphthene-d10	14.516	164	479874	20.000	ng		0.00
64) Phenanthrene-d10	17.268	188	978883	20.000	ng		0.00
76) Chrysene-d12	21.456	240	789558	20.000	ng		0.00
86) Perylene-d12	23.850	264	861060	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	1472463	107.603	ng		0.01
7) Phenol-d6	7.057	99	1895523	107.095	ng		0.02
23) Nitrobenzene-d5	9.028	82	1152026	68.168	ng		0.00
42) 2,4,6-Tribromophenol	16.010	330	590054	96.865	ng		0.00
45) 2-Fluorobiphenyl	13.133	172	2456595	69.361	ng		0.00
79) Terphenyl-d14	19.898	244	3502275	81.953	ng		0.00
Target Compounds							Qvalue
49) Acenaphthylene	14.233	152	126952	2.692	ng	#	92
71) Phenanthrene	17.310	178	458792	8.558	ng		100
72) Anthracene	17.398	178	168671	3.085	ng		96
75) Fluoranthene	19.327	202	804489	13.164	ng		95
78) Pyrene	19.692	202	801602	14.261	ng		98
81) Benzo(a)anthracene	21.439	228	410251	7.367	ng	#	93
83) Chrysene	21.492	228	406488	7.562	ng	#	91
87) Indeno(1,2,3-cd)pyrene	26.338	276	312345	4.923	ng		94
88) Benzo(b)fluoranthene	23.121	252	588648	11.173	ng	#	76
89) Benzo(k)fluoranthene	23.121	252	588648	10.969	ng	#	76
90) Benzo(a)pyrene	23.744	252	429051	8.290	ng	#	82
92) Benzo(g,h,i)perylene	27.109	276	334710	6.389	ng	#	91

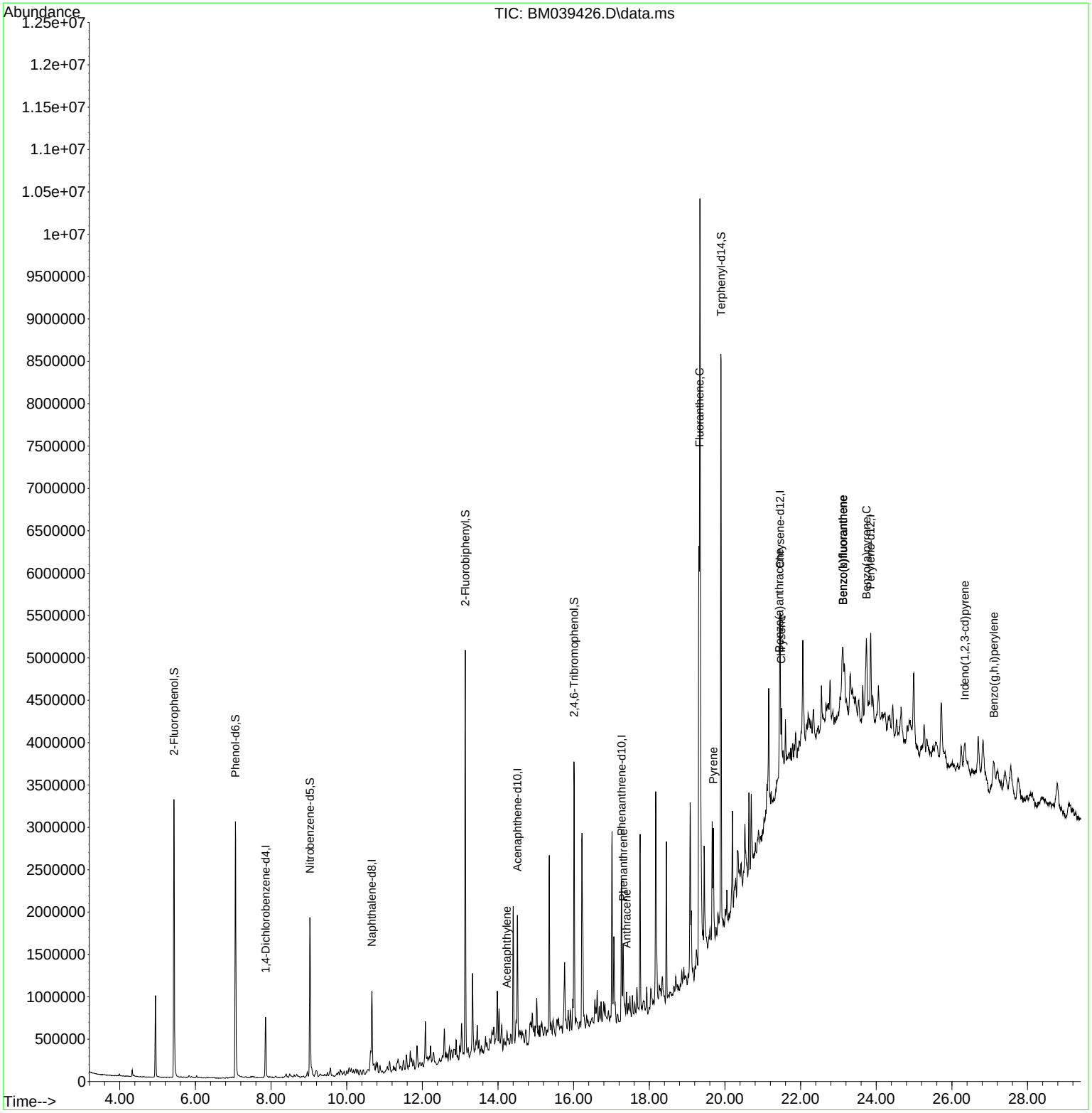
(#) = qualifier out of range (m) = manual integration (+) = signals summed

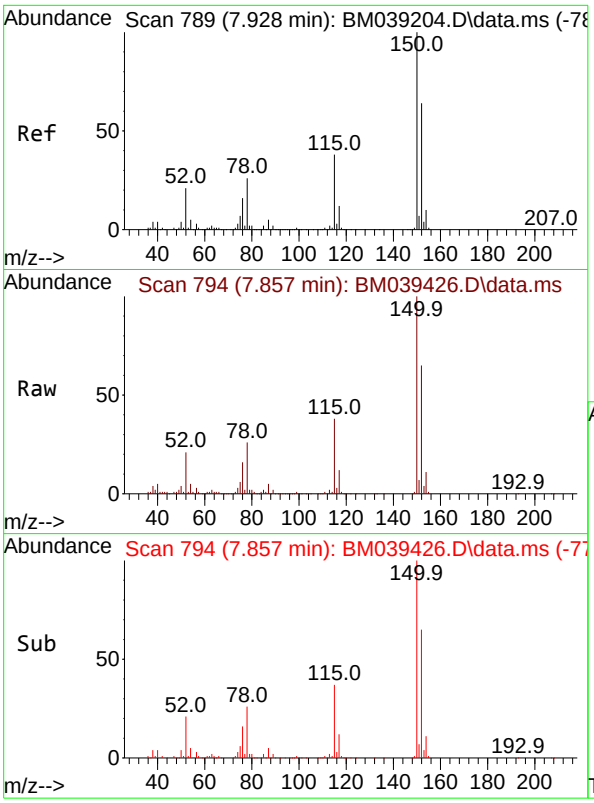
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041323\
Data File : BM039426.D
Acq On : 14 Apr 2023 00:36
Operator : CG/JU
Sample : 02308-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EO-01-041223

Quant Time: Apr 14 05:20:15 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



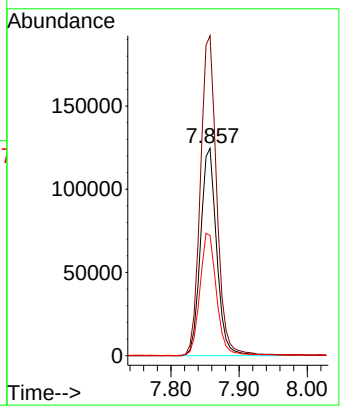


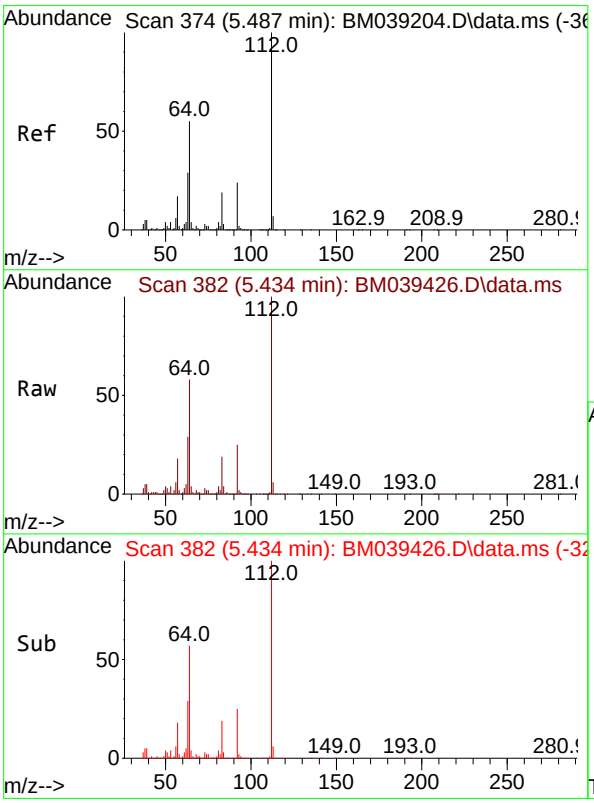
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.857 min Scan# 7
Delta R.T. -0.006 min
Lab File: BM039426.D
Acq: 14 Apr 2023 00:36

Instrument :
BNA_M
ClientSampleId :
EO-01-041223

Tgt Ion:152 Resp: 206167

Ion	Ratio	Lower	Upper
152	100		
150	154.3	125.5	188.3
115	57.9	48.1	72.1

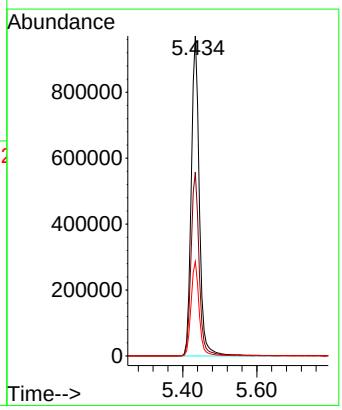


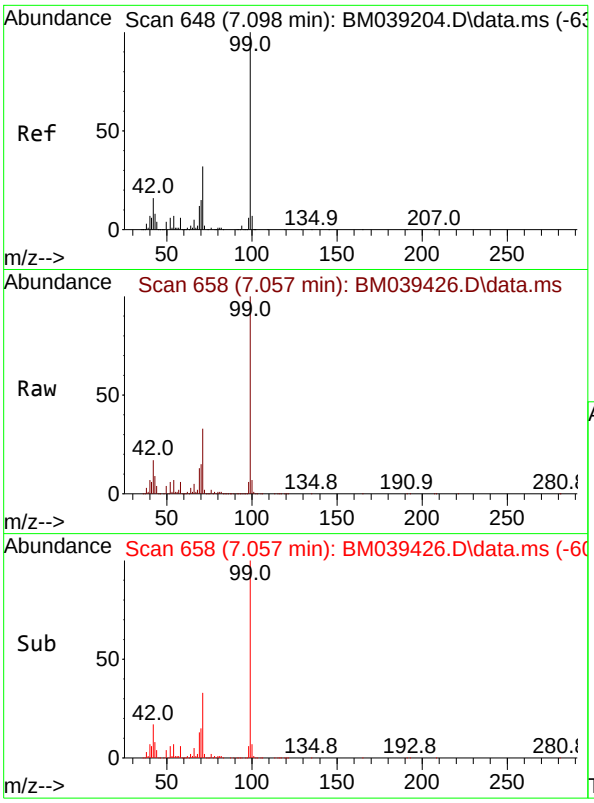


#5
2-Fluorophenol
Concen: 107.603 ng
RT: 5.434 min Scan# 382
Delta R.T. 0.012 min
Lab File: BM039426.D
Acq: 14 Apr 2023 00:36

Tgt Ion:112 Resp: 1472463

Ion	Ratio	Lower	Upper
112	100		
64	57.5	44.3	66.5
63	29.5	23.0	34.6



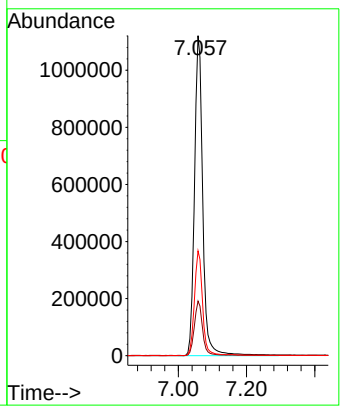


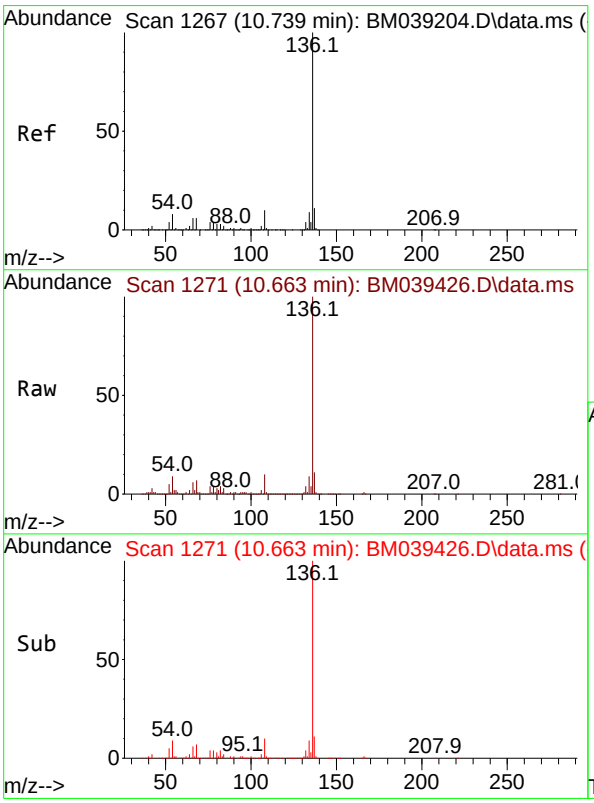
#7
Phenol-d6
Concen: 107.095 ng
RT: 7.057 min Scan# 6
Delta R.T. 0.024 min
Lab File: BM039426.D
Acq: 14 Apr 2023 00:36

Instrument :
BNA_M
ClientSampleId :
EO-01-041223

Tgt Ion: 99 Resp: 1895523

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.0	19.6
71	32.7	25.5	38.3

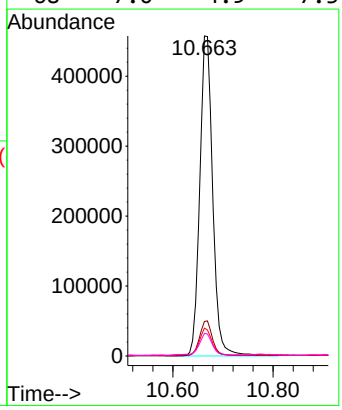


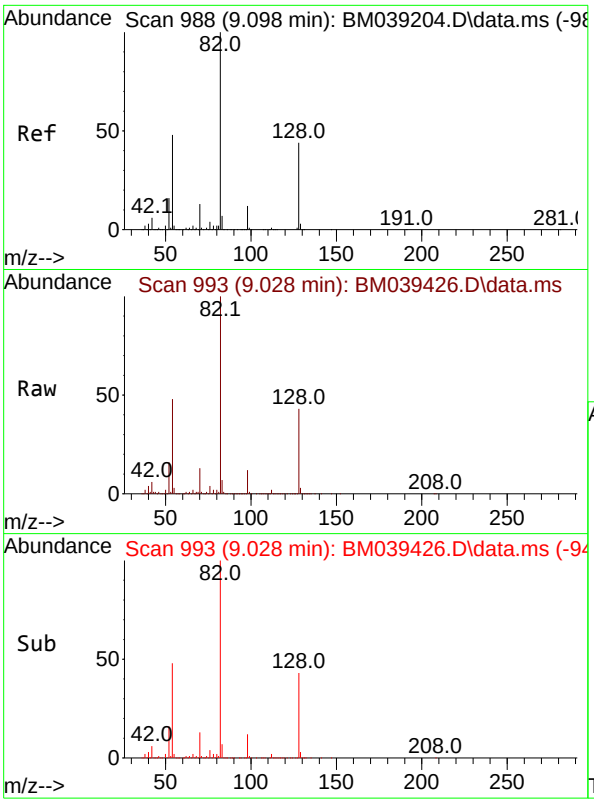


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1271
Delta R.T. -0.012 min
Lab File: BM039426.D
Acq: 14 Apr 2023 00:36

Tgt Ion:136 Resp: 821371

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.7	6.2	9.4
68	7.0	4.9	7.3



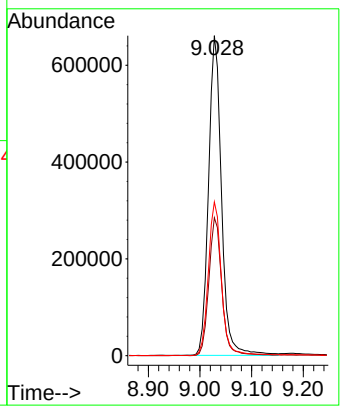


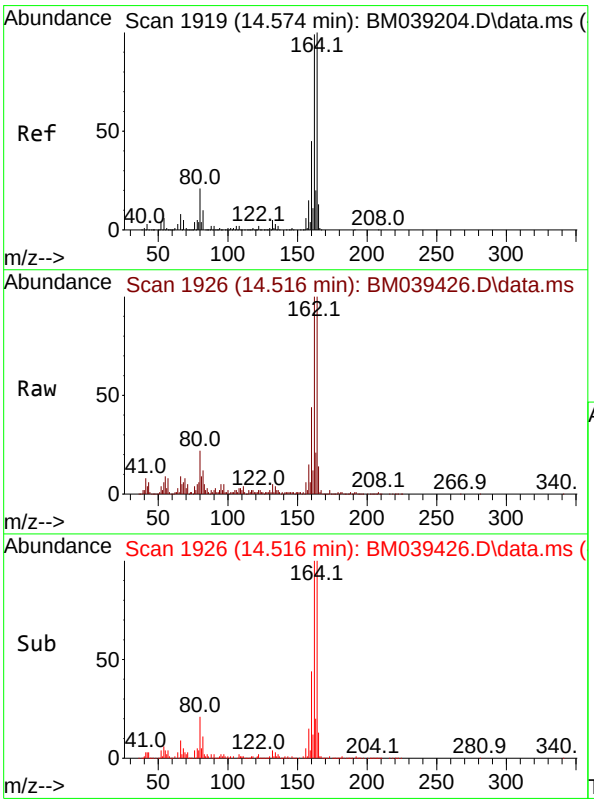
#23
Nitrobenzene-d5
Concen: 68.168 ng
RT: 9.028 min Scan# 9
Delta R.T. -0.006 min
Lab File: BM039426.D
Acq: 14 Apr 2023 00:36

Instrument :
BNA_M
ClientSampleId :
EO-01-041223

Tgt Ion: 82 Resp: 1152026

Ion	Ratio	Lower	Upper
82	100		
128	43.1	35.1	52.7
54	48.1	38.5	57.7

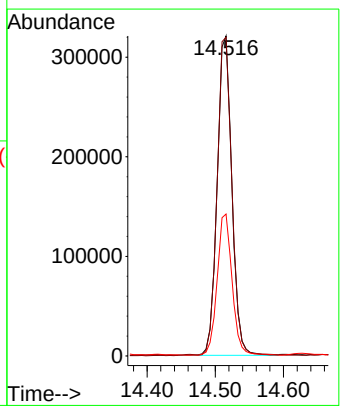


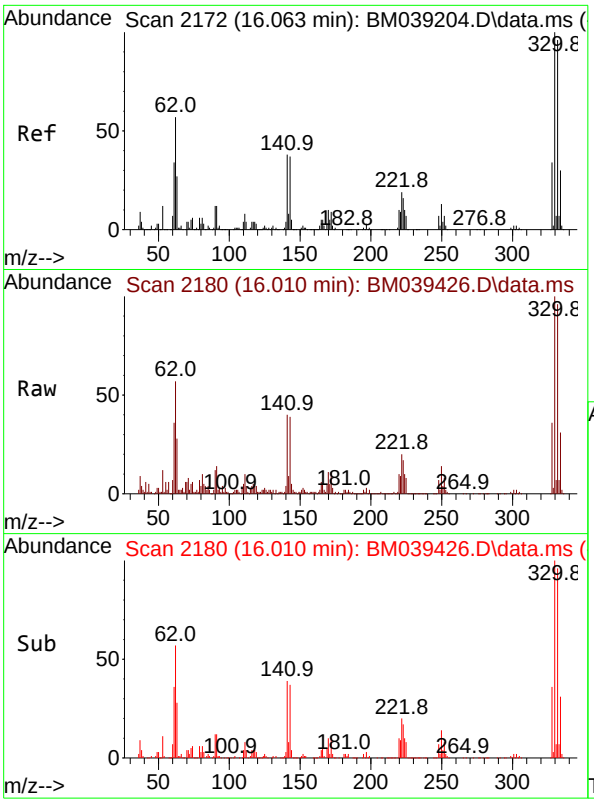


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.516 min Scan# 1926
Delta R.T. 0.000 min
Lab File: BM039426.D
Acq: 14 Apr 2023 00:36

Tgt Ion:164 Resp: 479874

Ion	Ratio	Lower	Upper
164	100		
162	99.6	79.1	118.7
160	44.4	35.8	53.8



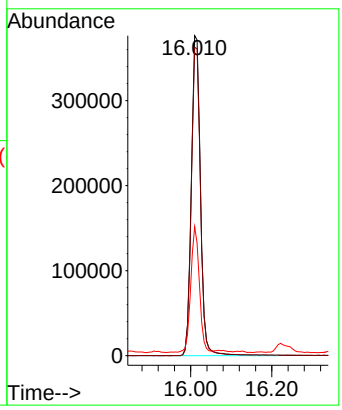


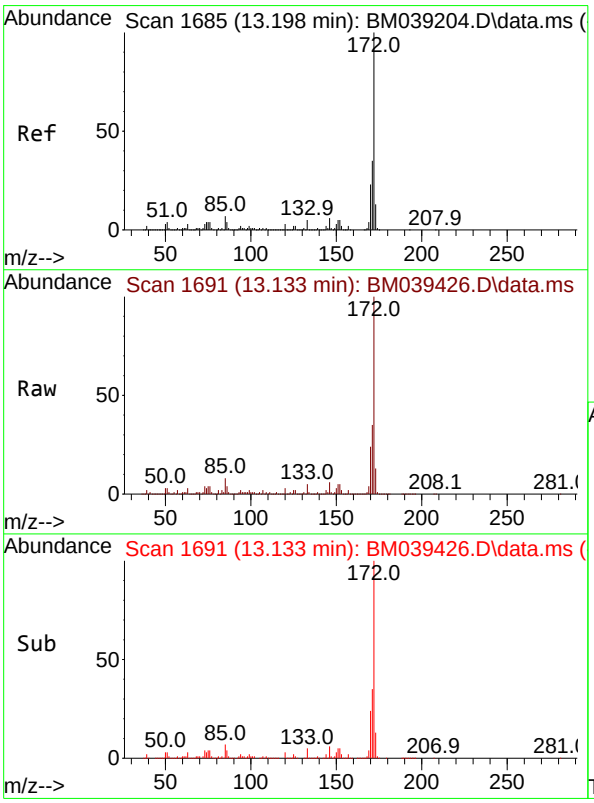
#42
2,4,6-Tribromophenol
Concen: 96.865 ng
RT: 16.010 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM039426.D
Acq: 14 Apr 2023 00:36

Instrument :
BNA_M
ClientSampleId :
EO-01-041223

Tgt Ion:330 Resp: 590054

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.4	116.0
141	37.0	29.8	44.6

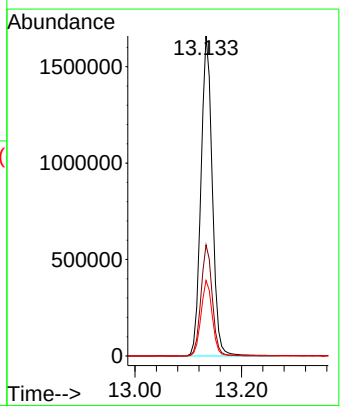


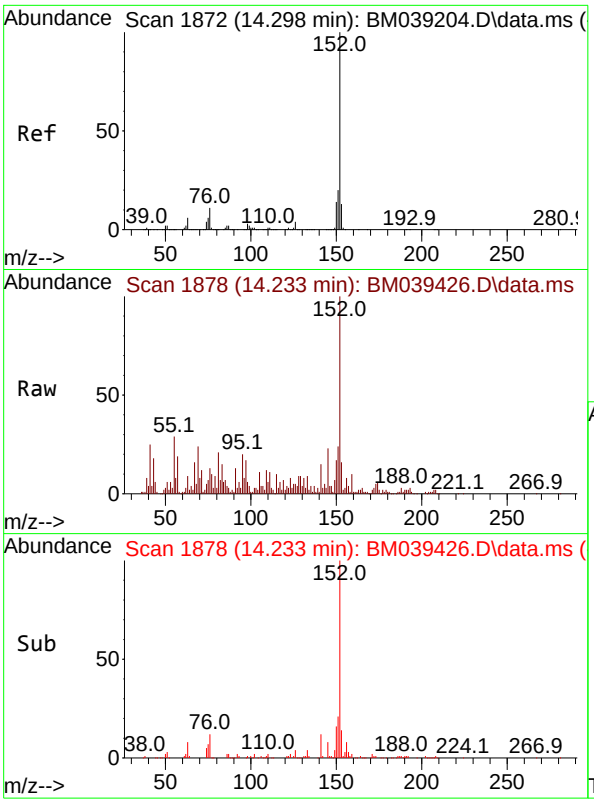


#45
2-Fluorobiphenyl
Concen: 69.361 ng
RT: 13.133 min Scan# 1691
Delta R.T. -0.006 min
Lab File: BM039426.D
Acq: 14 Apr 2023 00:36

Tgt Ion:172 Resp: 2456595

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.0	42.0
170	23.6	18.7	28.1



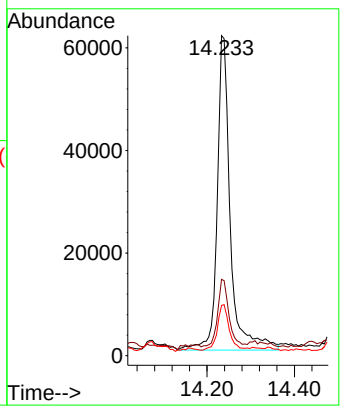


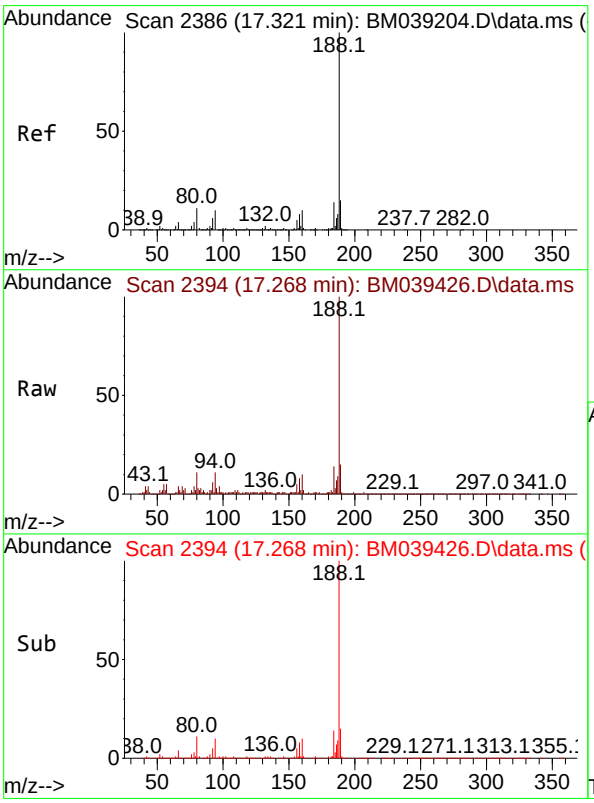
#49
Acenaphthylene
Concen: 2.692 ng
RT: 14.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM039426.D
Acq: 14 Apr 2023 00:36

Instrument :
BNA_M
ClientSampleId :
EO-01-041223

Tgt Ion:152 Resp: 126952

Ion	Ratio	Lower	Upper
152	100		
151	23.9	15.7	23.5#
153	15.7	10.3	15.5#

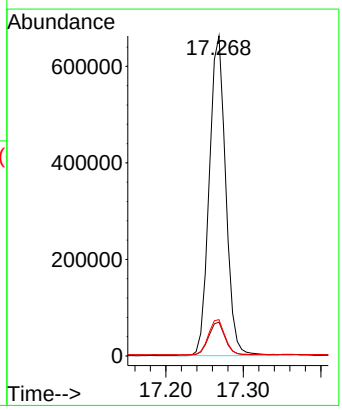


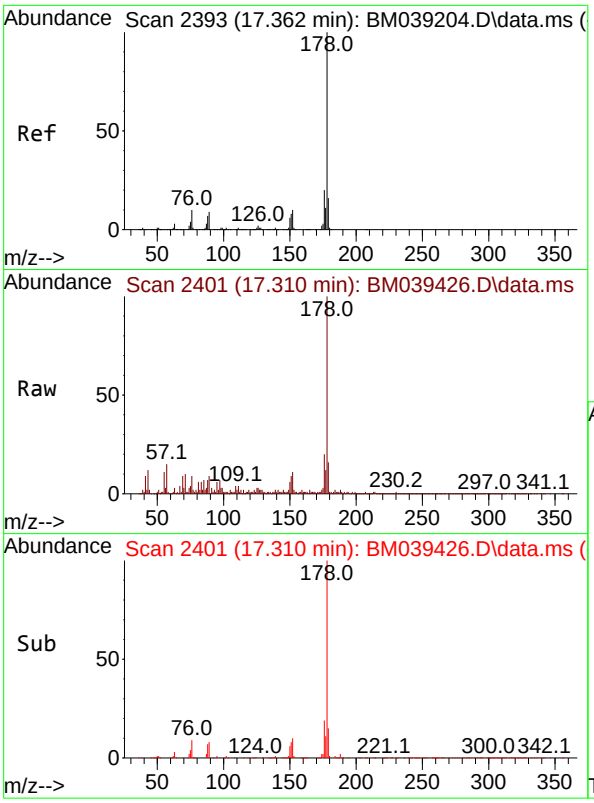


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.268 min Scan# 2394
Delta R.T. 0.000 min
Lab File: BM039426.D
Acq: 14 Apr 2023 00:36

Tgt Ion:188 Resp: 978883

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.2	12.4
80	11.3	8.9	13.3



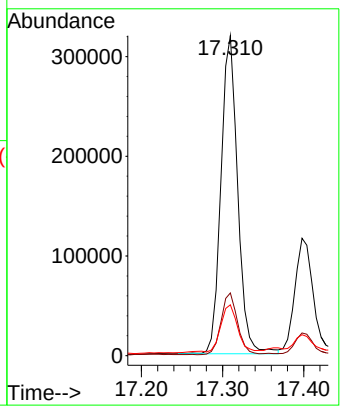


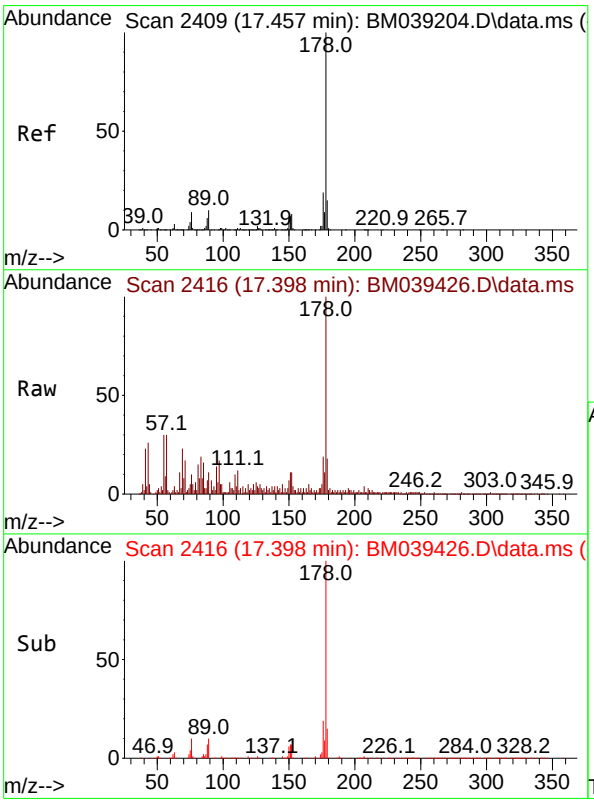
#71
Phenanthrene
Concen: 8.558 ng
RT: 17.310 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM039426.D
Acq: 14 Apr 2023 00:36

Instrument :
BNA_M
ClientSampleId :
EO-01-041223

Tgt Ion:178 Resp: 458792

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.7	23.5
179	15.9	12.4	18.6

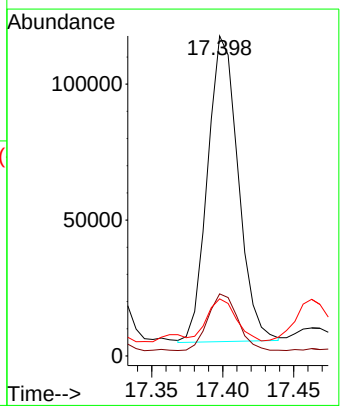


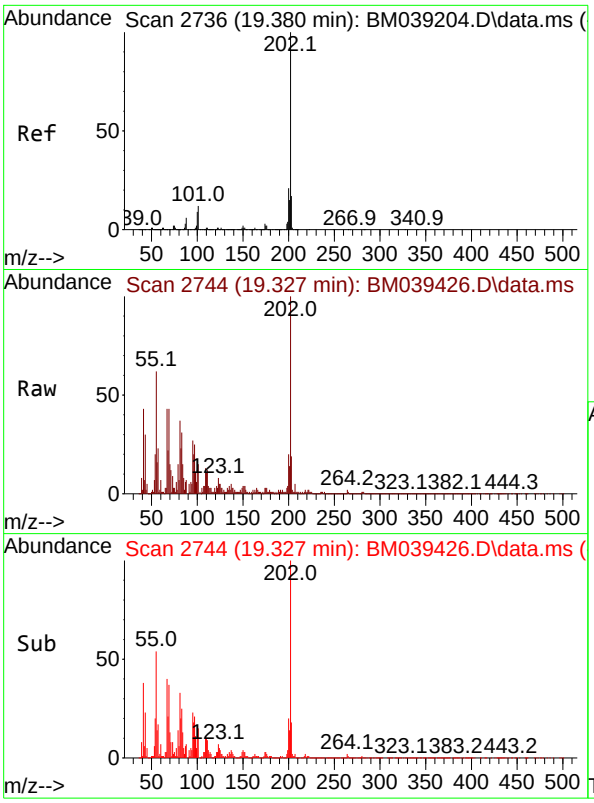


#72
Anthracene
Concen: 3.085 ng
RT: 17.398 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BM039426.D
Acq: 14 Apr 2023 00:36

Tgt Ion:178 Resp: 168671

Ion	Ratio	Lower	Upper
178	100		
176	19.4	14.9	22.3
179	17.9	12.2	18.2



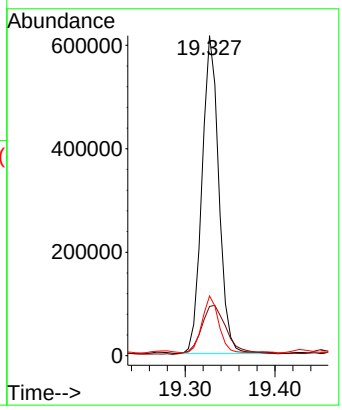


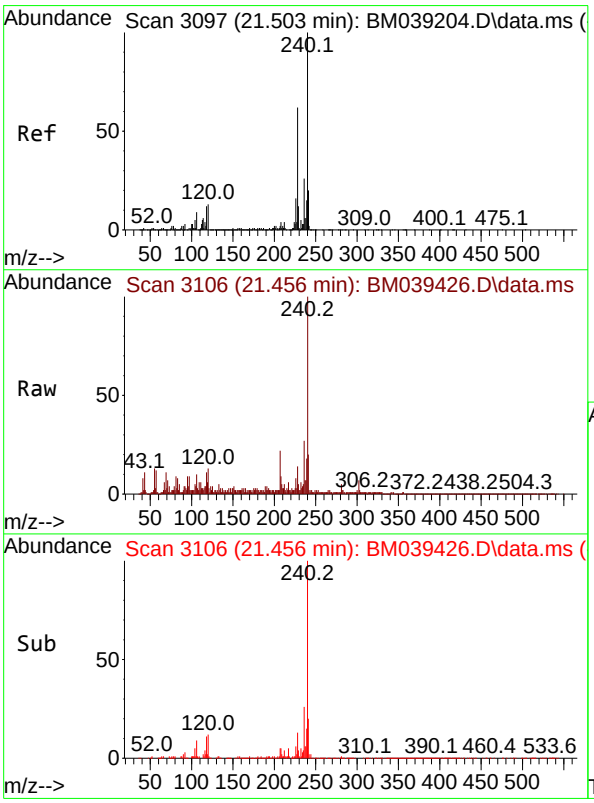
#75
Fluoranthene
Concen: 13.164 ng
RT: 19.327 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM039426.D
Acq: 14 Apr 2023 00:36

Instrument :
BNA_M
ClientSampleId :
EO-01-041223

Tgt Ion:202 Resp: 804489

Ion	Ratio	Lower	Upper
202	100		
101	15.4	0.0	32.5
203	18.7	0.0	37.5

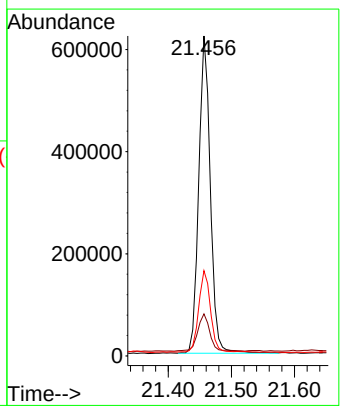


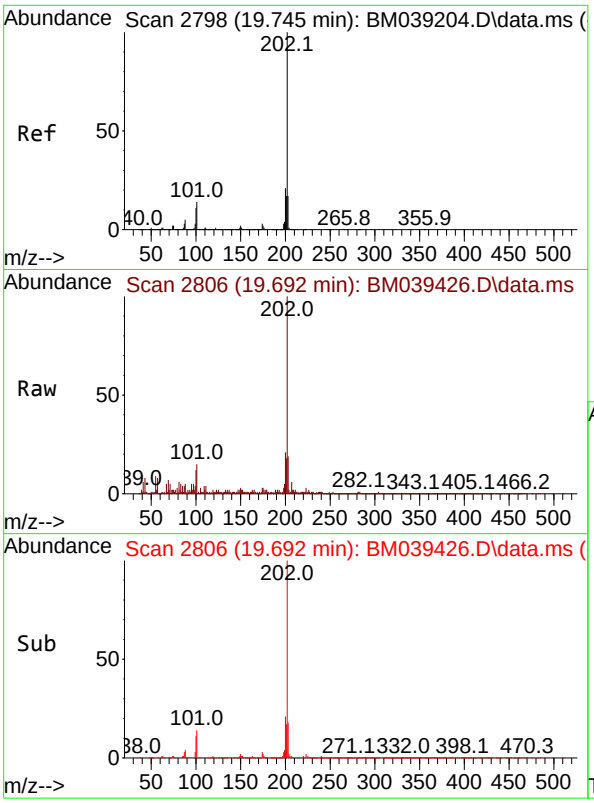


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.456 min Scan# 3106
Delta R.T. -0.006 min
Lab File: BM039426.D
Acq: 14 Apr 2023 00:36

Tgt Ion:240 Resp: 789558

Ion	Ratio	Lower	Upper
240	100		
120	13.2	10.2	15.2
236	26.7	20.9	31.3



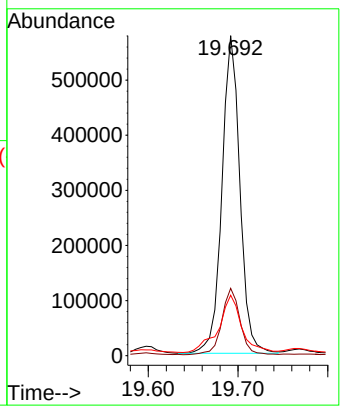


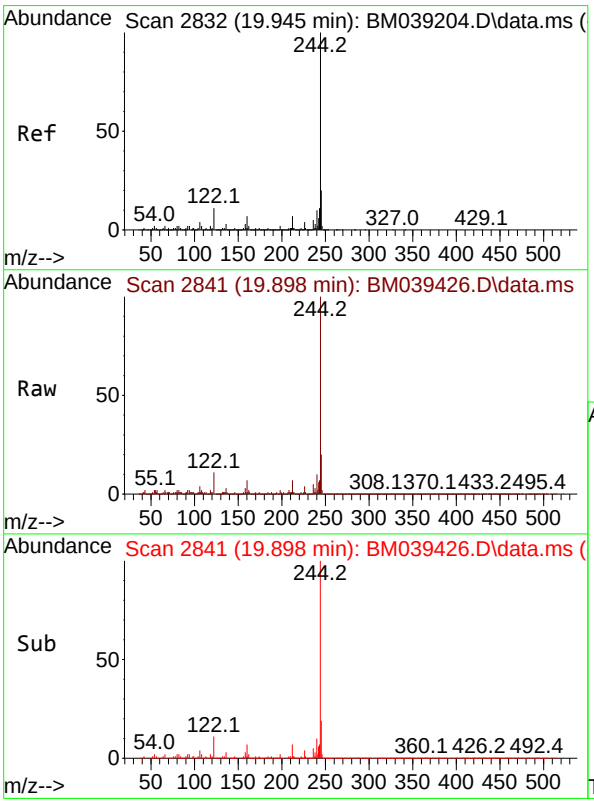
#78
Pyrene
Concen: 14.261 ng
RT: 19.692 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM039426.D
Acq: 14 Apr 2023 00:36

Instrument :
BNA_M
ClientSampleId :
EO-01-041223

Tgt Ion:202 Resp: 801602

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.1	25.7
203	18.9	13.9	20.9

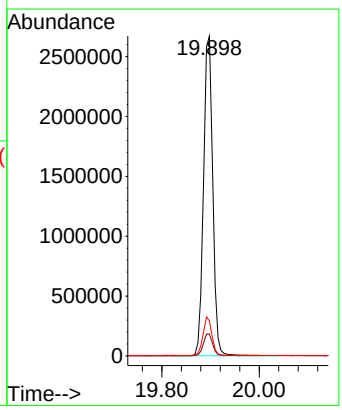


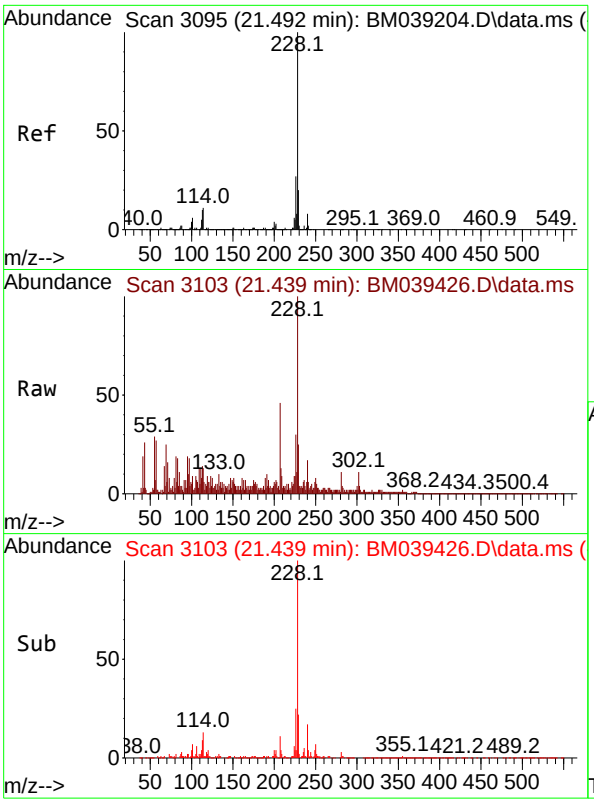


#79
Terphenyl-d14
Concen: 81.953 ng
RT: 19.898 min Scan# 2841
Delta R.T. 0.000 min
Lab File: BM039426.D
Acq: 14 Apr 2023 00:36

Tgt Ion:244 Resp: 3502275

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	11.0	9.1	13.7



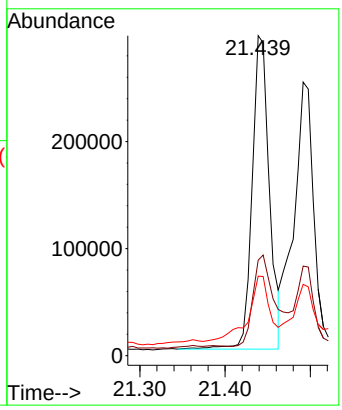


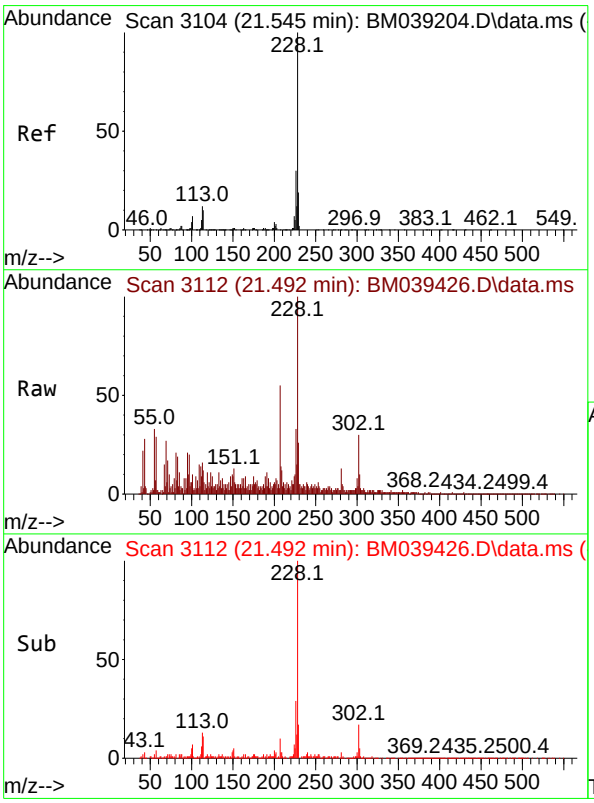
#81
Benzo(a)anthracene
Concen: 7.367 ng
RT: 21.439 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM039426.D
Acq: 14 Apr 2023 00:36

Instrument :
BNA_M
ClientSampleId :
EO-01-041223

Tgt Ion:228 Resp: 410251

Ion	Ratio	Lower	Upper
228	100		
226	29.8	21.9	32.9
229	24.9	15.8	23.6#

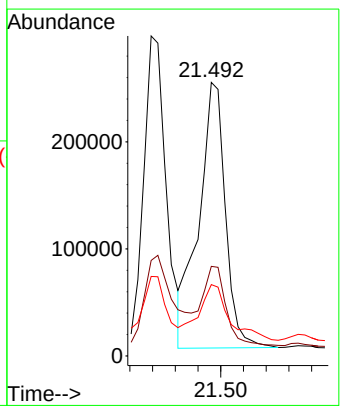


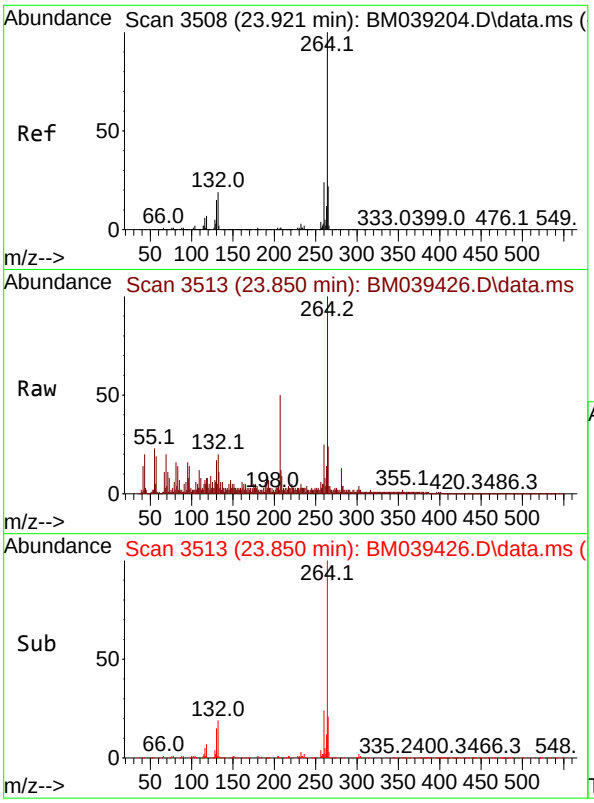


#83
Chrysene
Concen: 7.562 ng
RT: 21.492 min Scan# 3112
Delta R.T. -0.012 min
Lab File: BM039426.D
Acq: 14 Apr 2023 00:36

Tgt Ion:228 Resp: 406488

Ion	Ratio	Lower	Upper
228	100		
226	32.7	24.1	36.1
229	26.1	15.5	23.3#



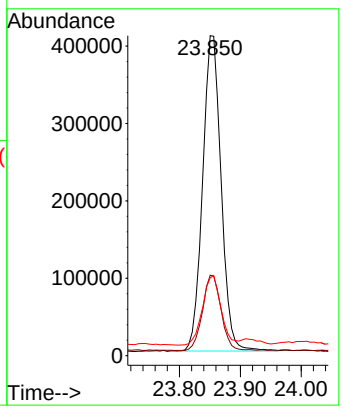


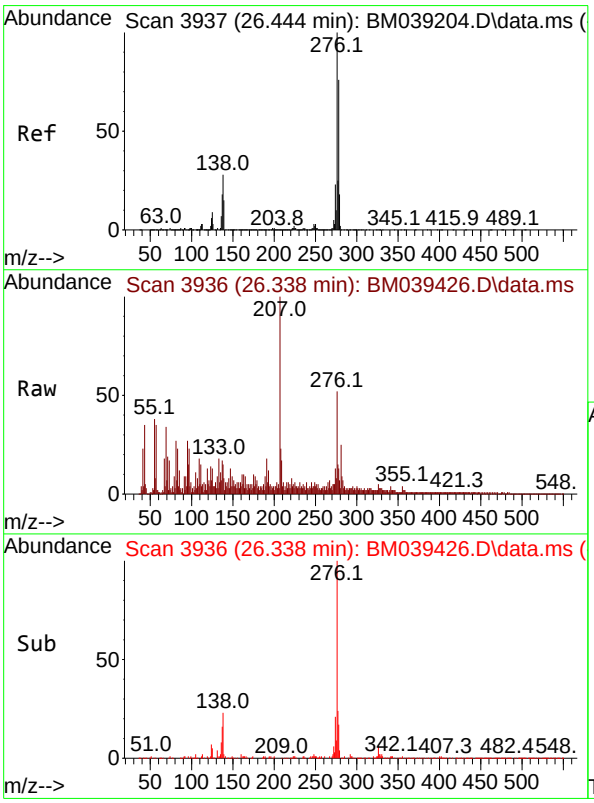
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.850 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM039426.D
Acq: 14 Apr 2023 00:36

Instrument :
BNA_M
ClientSampleId :
EO-01-041223

Tgt Ion:264 Resp: 861060

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.0	28.6
265	24.4	18.1	27.1

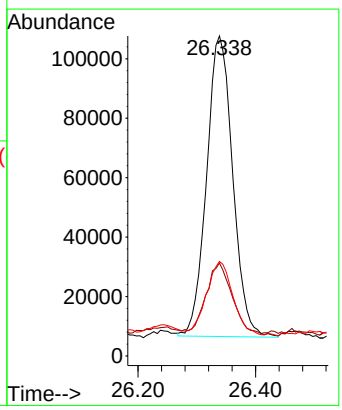


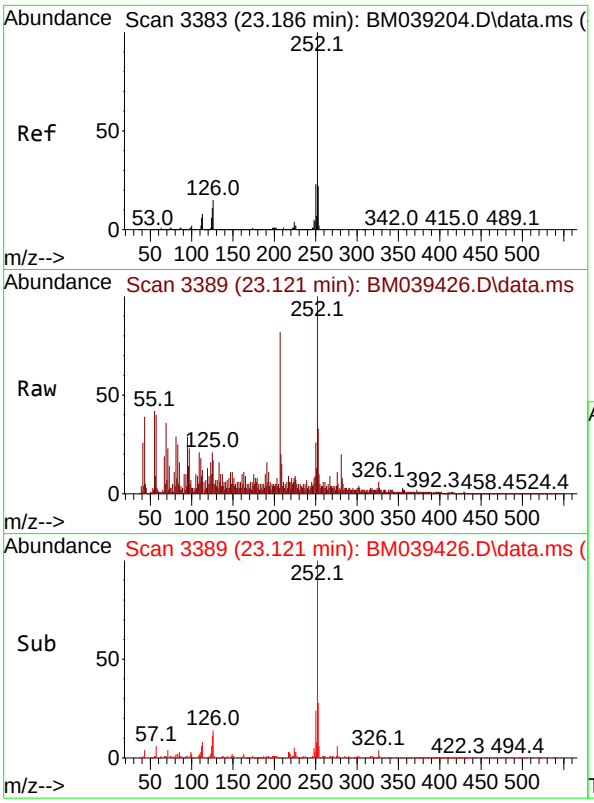


#87
Indeno(1,2,3-cd)pyrene
Concen: 4.923 ng
RT: 26.338 min Scan# 3936
Delta R.T. 0.000 min
Lab File: BM039426.D
Acq: 14 Apr 2023 00:36

Tgt Ion:276 Resp: 312345

Ion	Ratio	Lower	Upper
276	100		
138	22.7	22.2	33.2
277	24.6	20.2	30.2



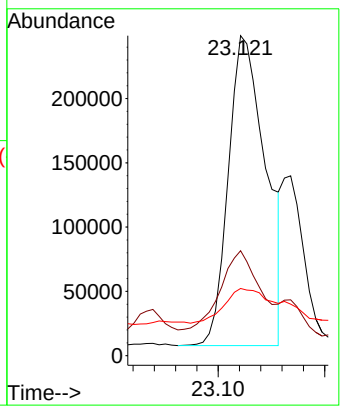


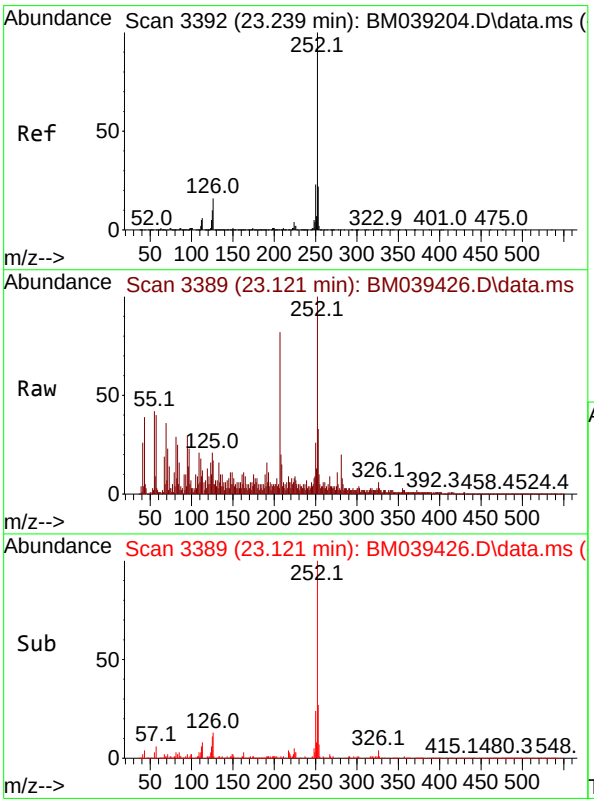
#88
Benzo(b)fluoranthene
Concen: 11.173 ng
RT: 23.121 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM039426.D
Acq: 14 Apr 2023 00:36

Instrument :
BNA_M
ClientSampleId :
EO-01-041223

Tgt Ion:252 Resp: 588648

Ion	Ratio	Lower	Upper
252	100		
253	32.8	17.6	26.4#
125	21.0	9.0	13.6#

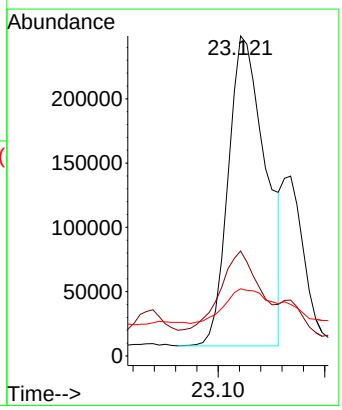


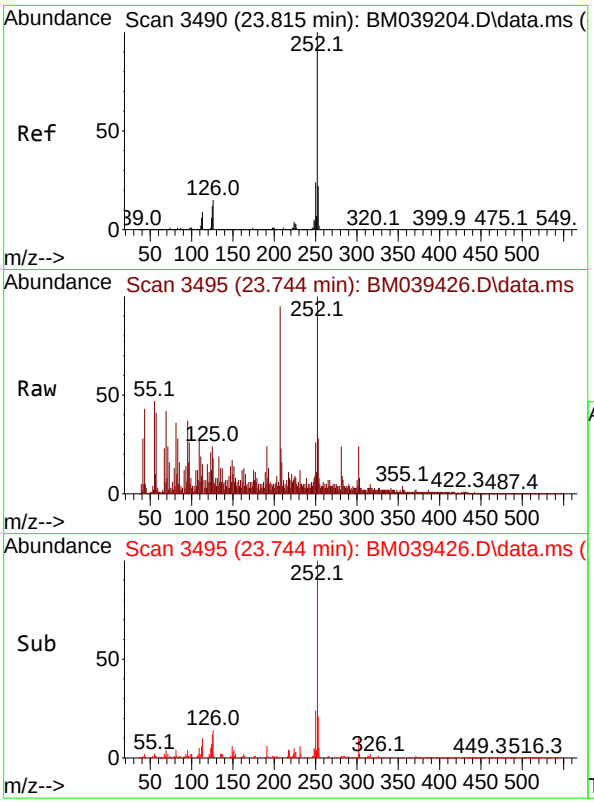


#89
Benzo(k)fluoranthene
Concen: 10.969 ng
RT: 23.121 min Scan# 3389
Delta R.T. -0.053 min
Lab File: BM039426.D
Acq: 14 Apr 2023 00:36

Tgt Ion:252 Resp: 588648

Ion	Ratio	Lower	Upper
252	100		
253	32.8	17.8	26.8#
125	21.0	8.5	12.7#



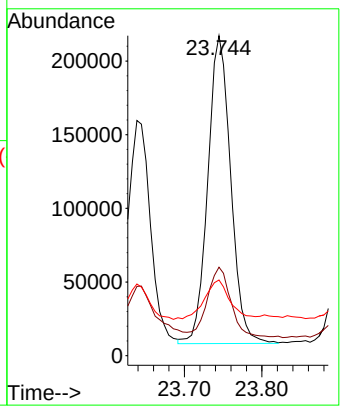


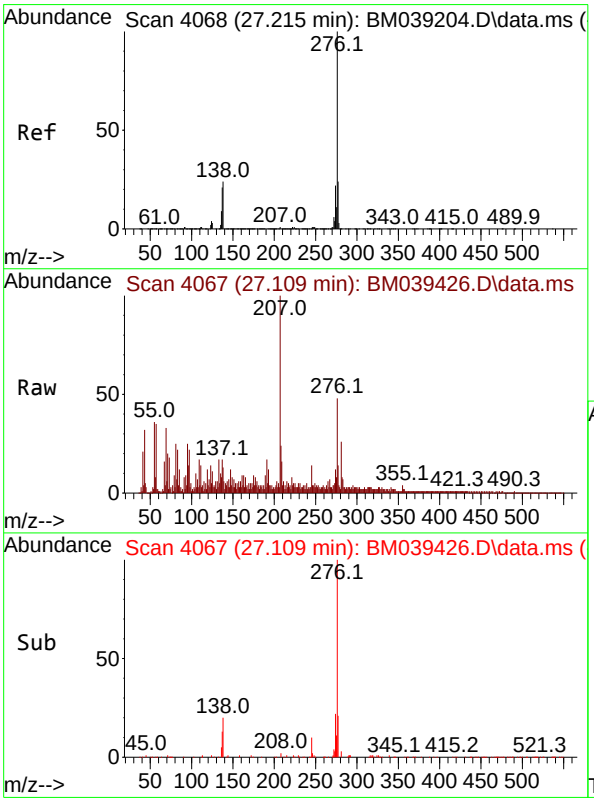
#90
Benzo(a)pyrene
Concen: 8.290 ng
RT: 23.744 min Scan# 34
Delta R.T. -0.006 min
Lab File: BM039426.D
Acq: 14 Apr 2023 00:36

Instrument :
BNA_M
ClientSampleId :
EO-01-041223

Tgt Ion:252 Resp: 429051

Ion	Ratio	Lower	Upper
252	100		
253	27.6	17.6	26.4#
125	23.7	9.8	14.6#





#92
Benzo(g,h,i)perylene
Concen: 6.389 ng
RT: 27.109 min Scan# 4067
Delta R.T. 0.006 min
Lab File: BM039426.D
Acq: 14 Apr 2023 00:36

Tgt Ion:276 Resp: 334710

Ion	Ratio	Lower	Upper
276	100		
277	29.4	19.1	28.7#
138	27.6	19.5	29.3