Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110323\
Data File : BM042576.D
Acq On : 03 Nov 2023 18:35
Operator : MA/JU
Sample : 05170-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OK-02-103123

Quant Time: Nov 03 19:17:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 03 15:52:20 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	52389	20.000	ng	0.00
21) Naphthalene-d8	10.734	136	195761	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	120692	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	261875	20.000	ng	# 0.00
76) Chrysene-d12	21.503	240	257144	20.000	ng	0.00
86) Perylene-d12	23.921	264	283560	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	56747	17.481	ng	0.01
7) Phenol-d6	7.081	99	72158	16.208	ng	0.00
23) Nitrobenzene-d5	9.116	82	49915	11.886	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	29332	18.615	ng	0.00
45) 2-Fluorobiphenyl	13.186	172	95009	10.593	ng	0.00
79) Terphenyl-d14	19.933	244	144141	9.505	ng	0.00
Target Compounds						Qvalue
48) 2-Nitroaniline	13.710	65	124	4.392	ng	# 13
56) 4-Nitrophenol	14.763	139	54	6.983	ng	# 1
57) 2,4-Dinitrotoluene	14.974	165	143	4.018	ng	# 43
71) Phenanthrene	17.363	178	83867	6.128	ng	99
75) Fluoranthene	19.374	202	130962	8.147	ng	97
78) Pyrene	19.745	202	122605	6.944	ng	98
81) Benzo(a)anthracene	21.486	228	57115	3.491	ng	# 92
83) Chrysene	21.539	228	47329	2.848	ng	# 92
88) Benzo(b)fluoranthene	23.180	252	55811	3.533	ng	# 84
89) Benzo(k)fluoranthene	23.180	252	55811	3.170	ng	# 84
90) Benzo(a)pyrene	23.815	252	41341	2.658	ng	# 83
91) Dibenzo(a,h)anthracene	26.456	278	7567	4.582	ng	# 31

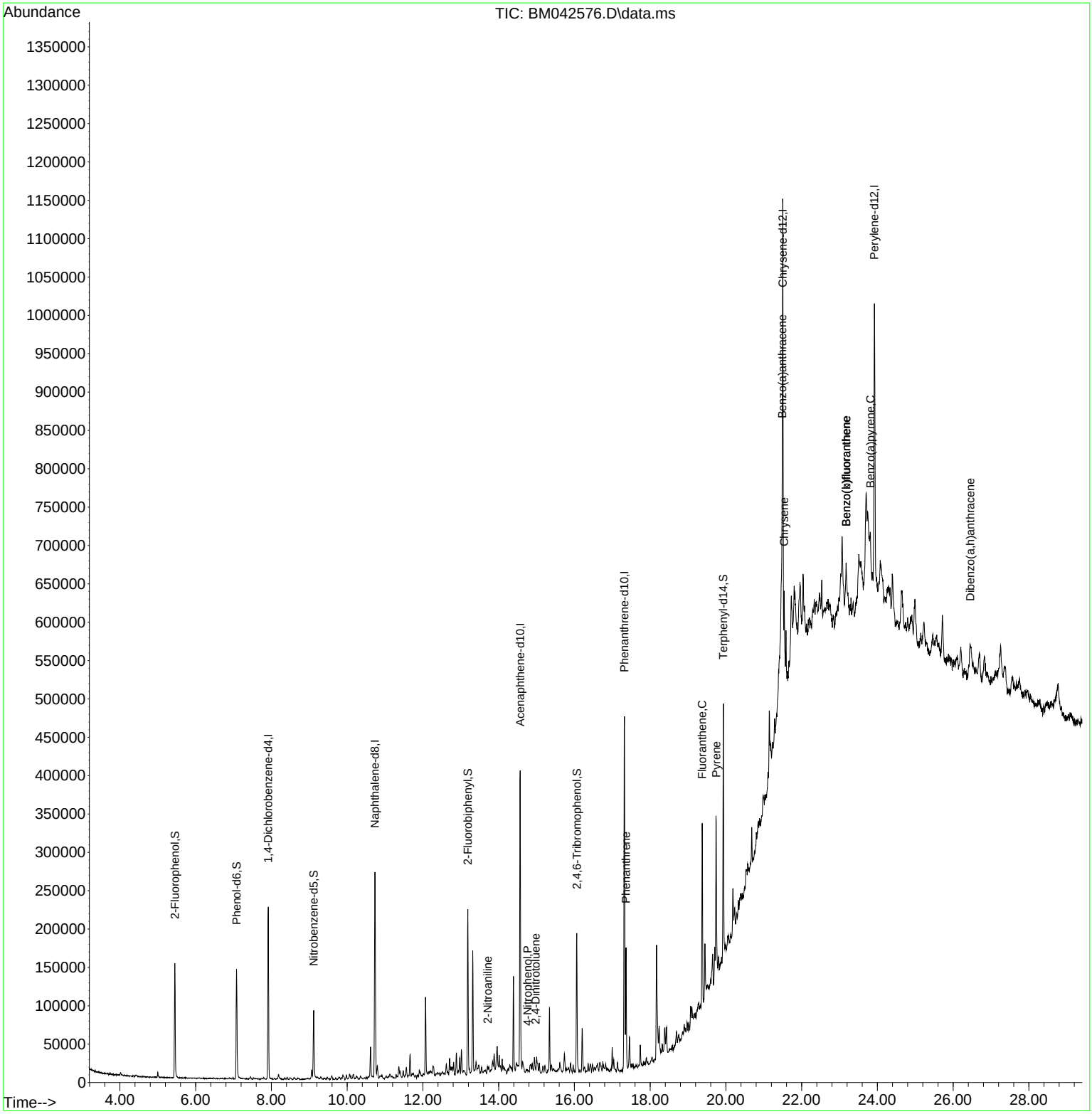
(#) = qualifier out of range (m) = manual integration (+) = signals summed

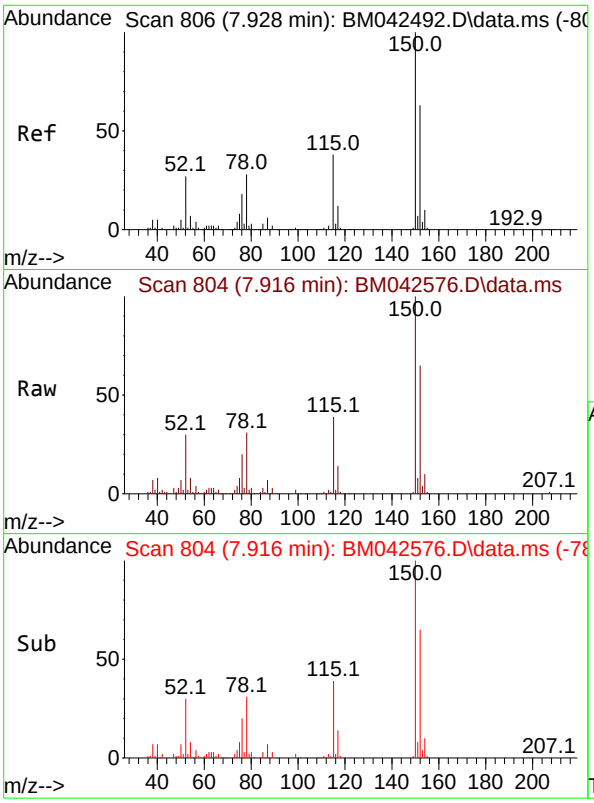
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110323\
Data File : BM042576.D
Acq On : 03 Nov 2023 18:35
Operator : MA/JU
Sample : 05170-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OK-02-103123

Quant Time: Nov 03 19:17:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 03 15:52:20 2023
Response via : Initial Calibration



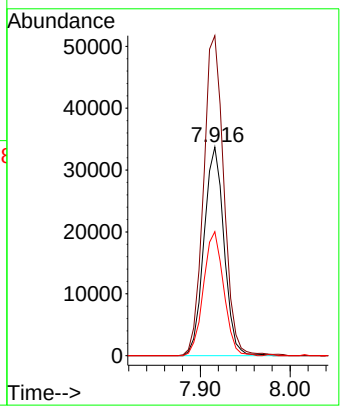


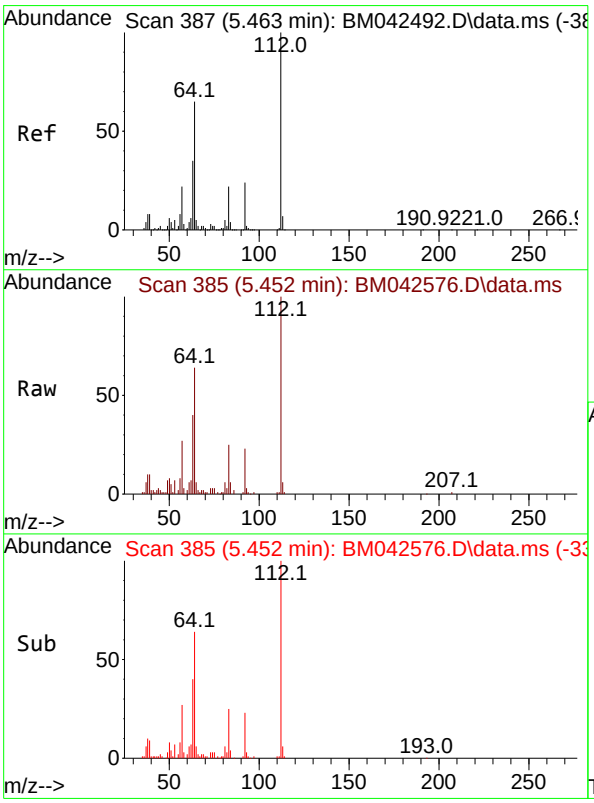
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.916 min Scan# 80
Delta R.T. 0.006 min
Lab File: BM042576.D
Acq: 03 Nov 2023 18:35

Instrument :
BNA_M
ClientSampleId :
OK-02-103123

Tgt Ion:152 Resp: 52389

Ion	Ratio	Lower	Upper
152	100		
150	153.3	127.4	191.0
115	59.4	47.9	71.9

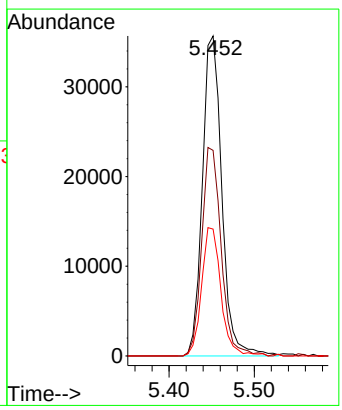


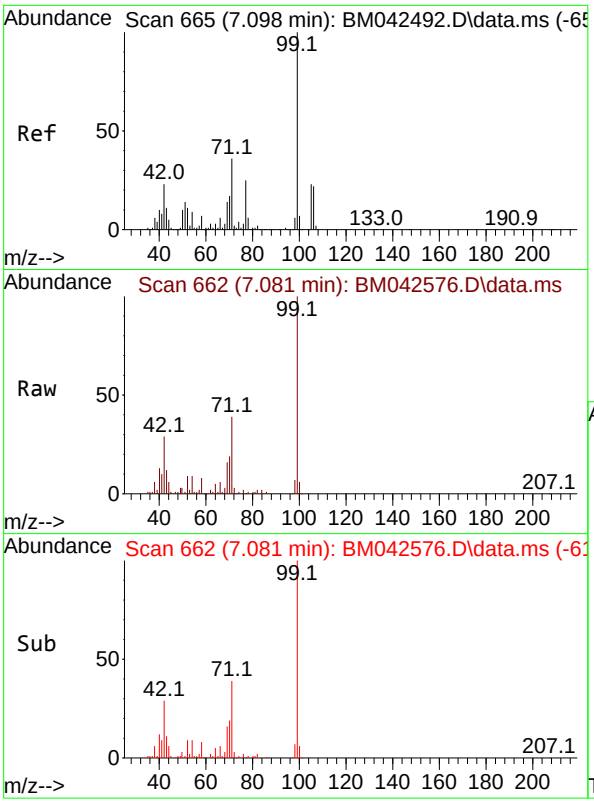


#5
2-Fluorophenol
Concen: 17.481 ng
RT: 5.452 min Scan# 385
Delta R.T. 0.012 min
Lab File: BM042576.D
Acq: 03 Nov 2023 18:35

Tgt Ion:112 Resp: 56747

Ion	Ratio	Lower	Upper
112	100		
64	64.2	52.1	78.1
63	39.7	28.3	42.5



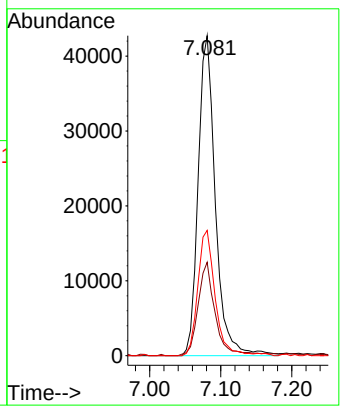


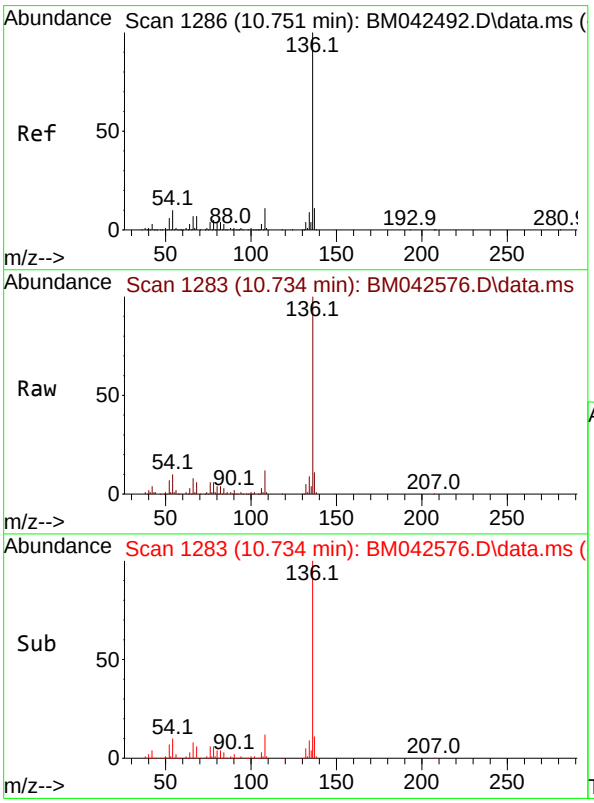
#7
Phenol-d6
Concen: 16.208 ng
RT: 7.081 min Scan# 6
Delta R.T. 0.006 min
Lab File: BM042576.D
Acq: 03 Nov 2023 18:35

Instrument :
BNA_M
ClientSampleId :
OK-02-103123

Tgt Ion: 99 Resp: 72158

Ion	Ratio	Lower	Upper
99	100		
42	29.2	18.7	28.1#
71	39.1	29.1	43.7

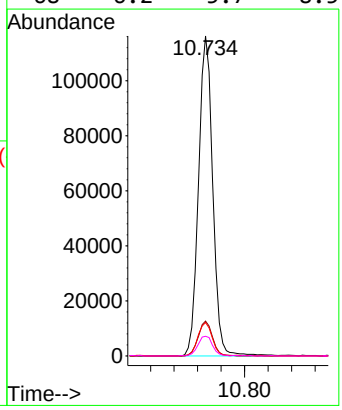


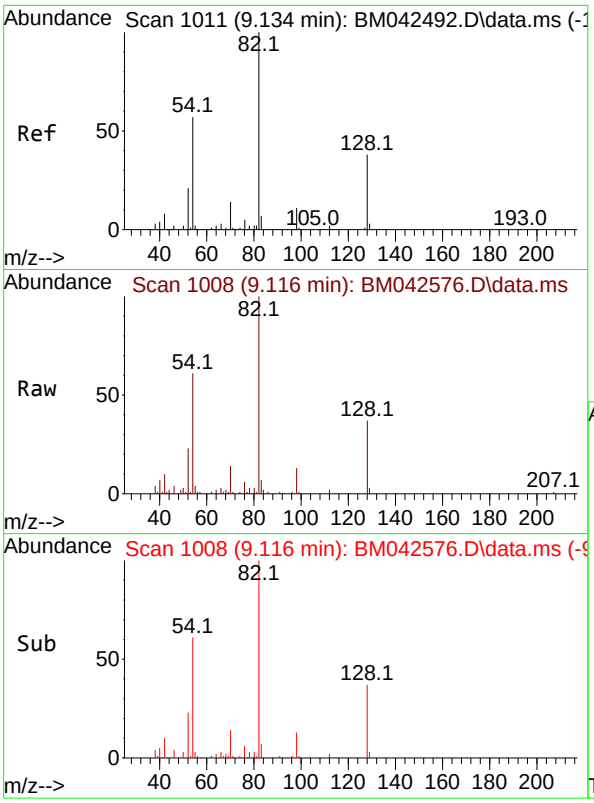


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.734 min Scan# 1283
Delta R.T. 0.006 min
Lab File: BM042576.D
Acq: 03 Nov 2023 18:35

Tgt Ion:136 Resp: 195761

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	10.5	8.0	12.0
68	6.2	5.7	8.5



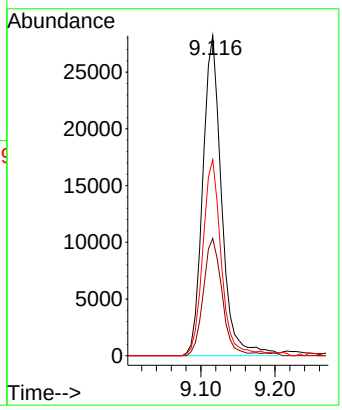


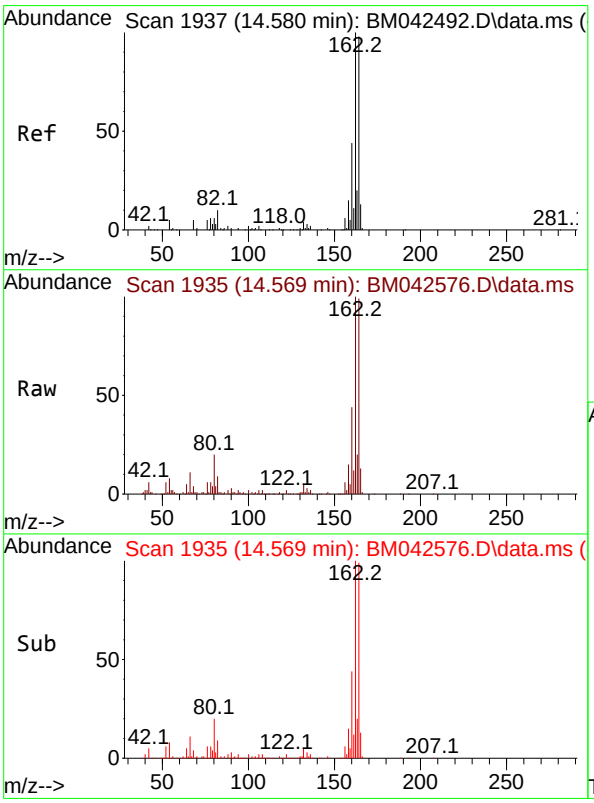
#23
Nitrobenzene-d5
Concen: 11.886 ng
RT: 9.116 min Scan# 1(
Delta R.T. 0.006 min
Lab File: BM042576.D
Acq: 03 Nov 2023 18:35

Instrument :
BNA_M
ClientSampleId :
OK-02-103123

Tgt Ion: 82 Resp: 49915

Ion	Ratio	Lower	Upper
82	100		
128	36.7	30.7	46.1
54	61.2	45.3	67.9

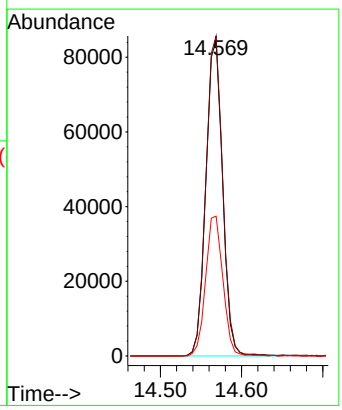


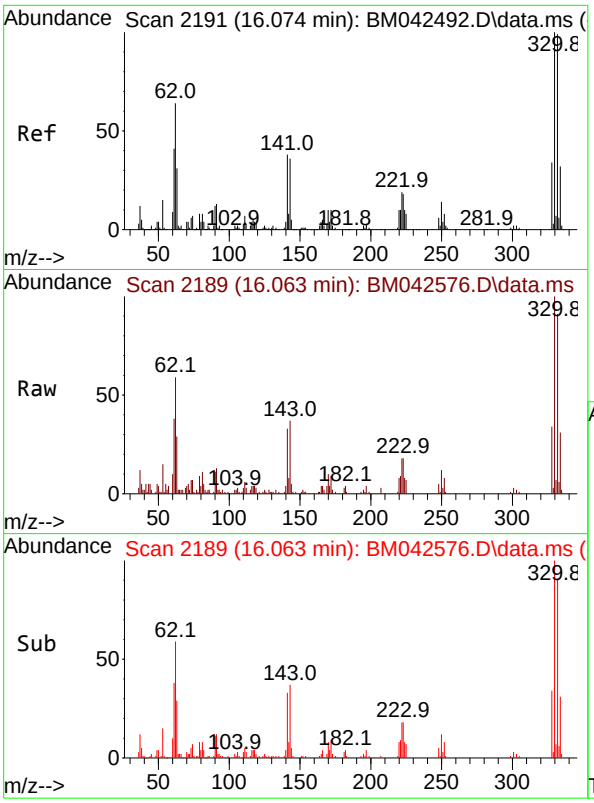


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.569 min Scan# 1935
Delta R.T. 0.006 min
Lab File: BM042576.D
Acq: 03 Nov 2023 18:35

Tgt Ion:164 Resp: 120692

Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.6	122.4
160	44.2	36.2	54.4



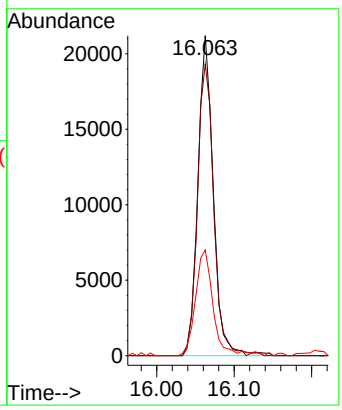


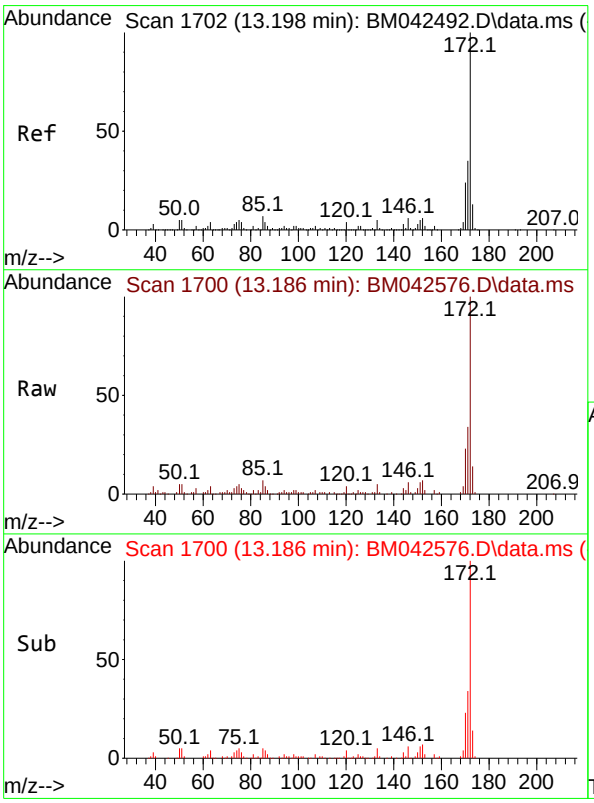
#42
2,4,6-Tribromophenol
Concen: 18.615 ng
RT: 16.063 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM042576.D
Acq: 03 Nov 2023 18:35

Instrument :
BNA_M
ClientSampleId :
OK-02-103123

Tgt Ion:330 Resp: 29332

Ion	Ratio	Lower	Upper
330	100		
332	95.3	78.8	118.2
141	37.9	31.1	46.7

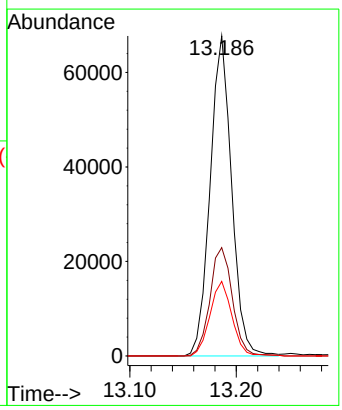


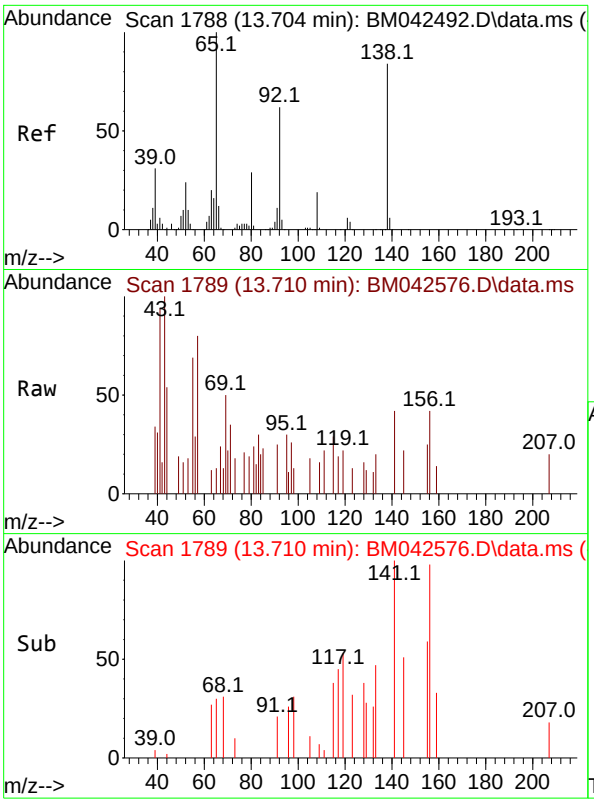


#45
2-Fluorobiphenyl
Concen: 10.593 ng
RT: 13.186 min Scan# 1700
Delta R.T. -0.000 min
Lab File: BM042576.D
Acq: 03 Nov 2023 18:35

Tgt Ion:172 Resp: 95009

Ion	Ratio	Lower	Upper
172	100		
171	33.9	28.2	42.2
170	23.3	19.0	28.4



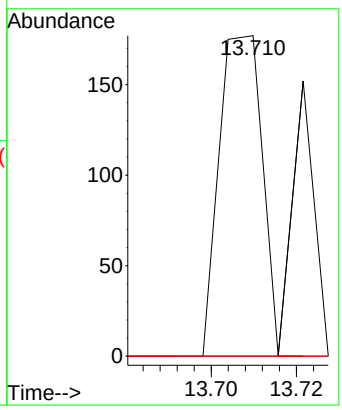


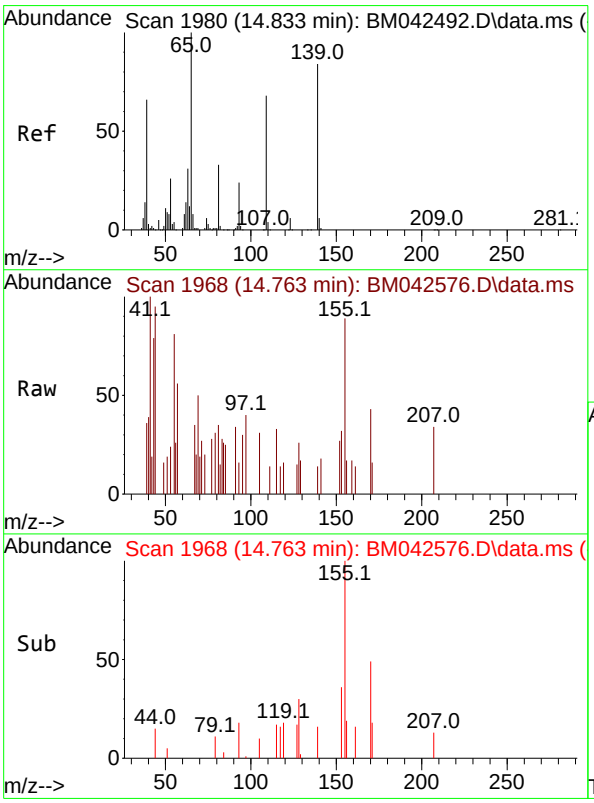
#48
2-Nitroaniline
Concen: 4.392 ng
RT: 13.710 min Scan# 1
Delta R.T. 0.017 min
Lab File: BM042576.D
Acq: 03 Nov 2023 18:35

Instrument :
BNA_M
ClientSampleId :
OK-02-103123

Tgt Ion: 65 Resp: 124

Ion	Ratio	Lower	Upper
65	100		
92	0.0	49.4	74.2#
138	0.0	66.9	100.3#

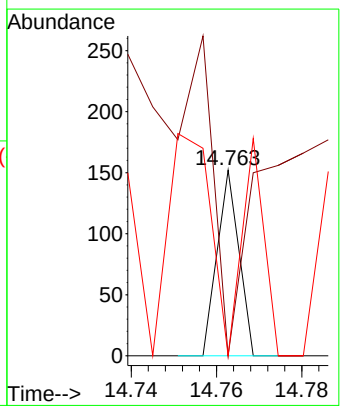


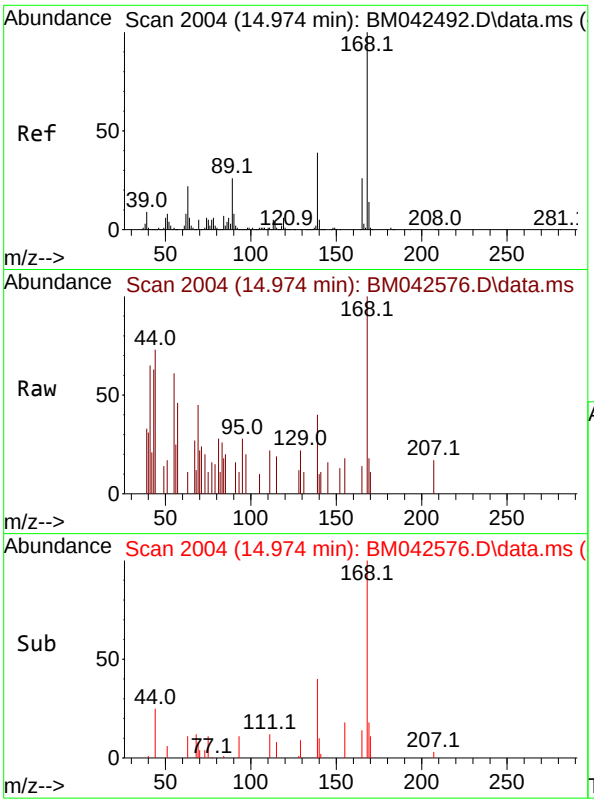


#56
4-Nitrophenol
Concen: 6.983 ng
RT: 14.763 min Scan# 1968
Delta R.T. -0.059 min
Lab File: BM042576.D
Acq: 03 Nov 2023 18:35

Tgt Ion:139 Resp: 54

Ion	Ratio	Lower	Upper
139	100		
109	0.0	61.3	101.3#
65	0.0	100.2	140.2#



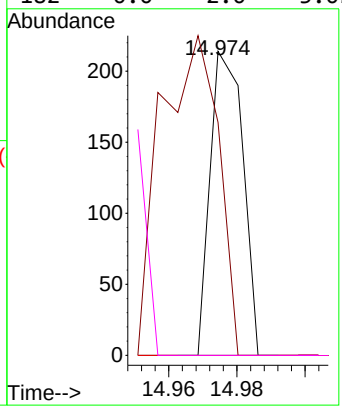


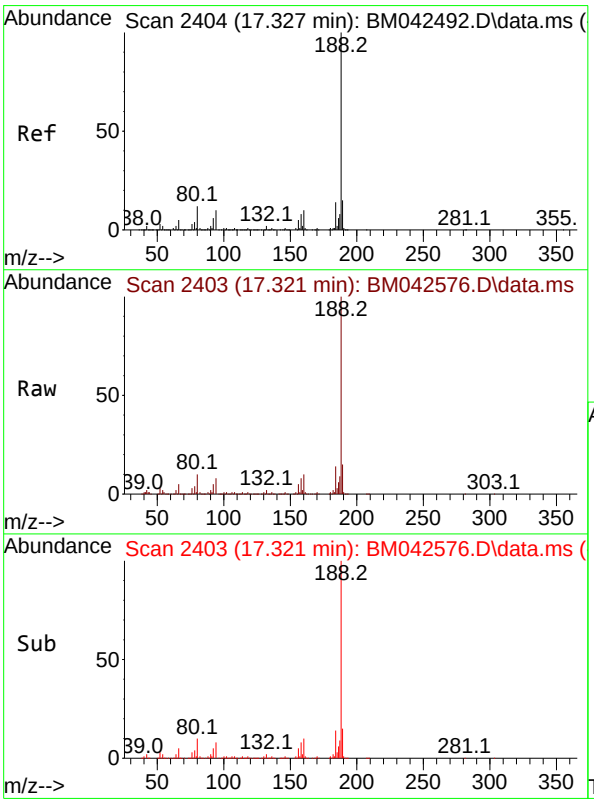
#57
2,4-Dinitrotoluene
Concen: 4.018 ng
RT: 14.974 min Scan# 2
Delta R.T. 0.012 min
Lab File: BM042576.D
Acq: 03 Nov 2023 18:35

Instrument :
BNA_M
ClientSampleId :
OK-02-103123

Tgt Ion:165 Resp: 143

Ion	Ratio	Lower	Upper
165	100		
63	76.6	66.7	100.1
89	0.0	80.2	120.4#
182	0.0	2.0	3.0#

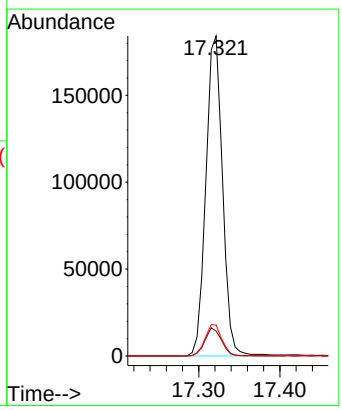


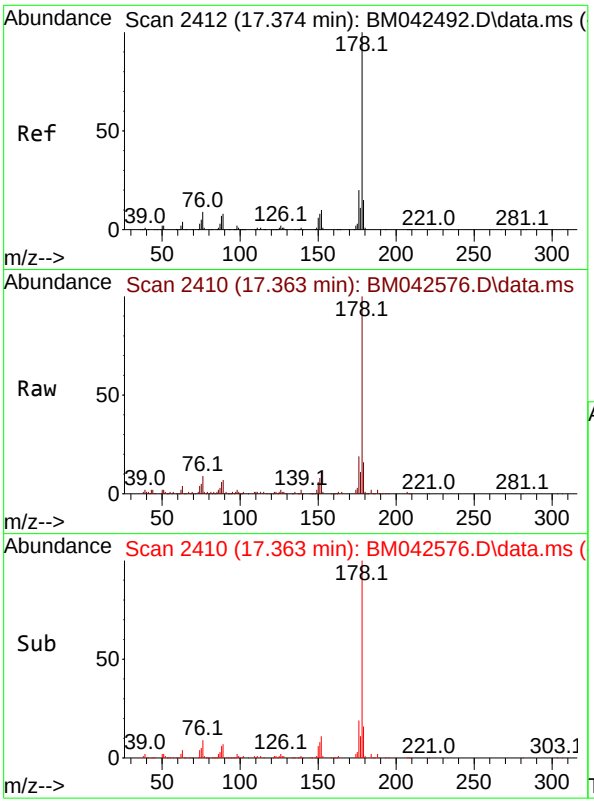


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.321 min Scan# 2403
Delta R.T. 0.006 min
Lab File: BM042576.D
Acq: 03 Nov 2023 18:35

Tgt Ion:188 Resp: 261875

Ion	Ratio	Lower	Upper
188	100		
94	7.7	8.2	12.4#
80	9.7	9.4	14.2



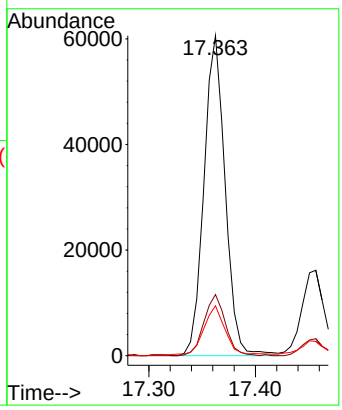


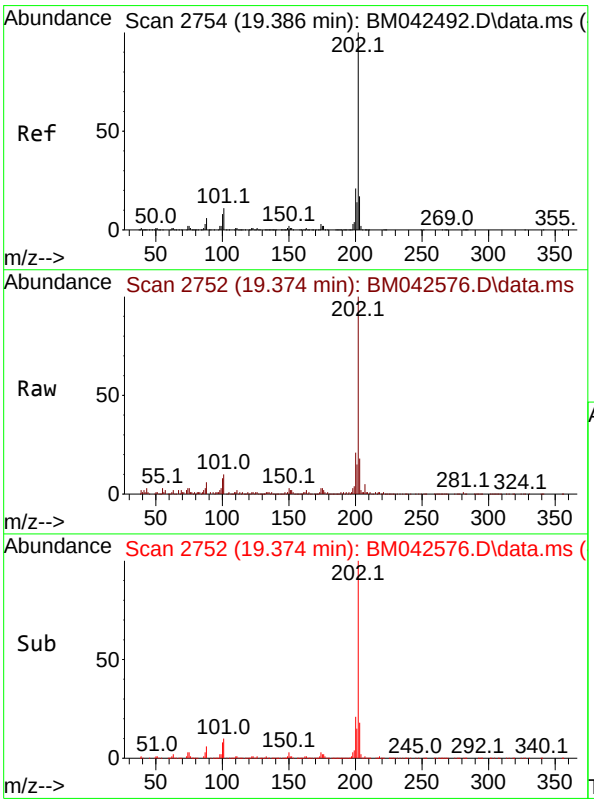
#71
Phenanthrene
Concen: 6.128 ng
RT: 17.363 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM042576.D
Acq: 03 Nov 2023 18:35

Instrument :
BNA_M
ClientSampleId :
OK-02-103123

Tgt Ion:178 Resp: 83867

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.6	12.2	18.4

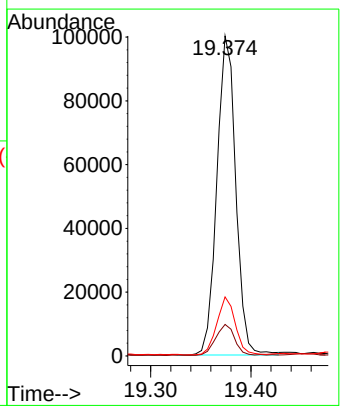


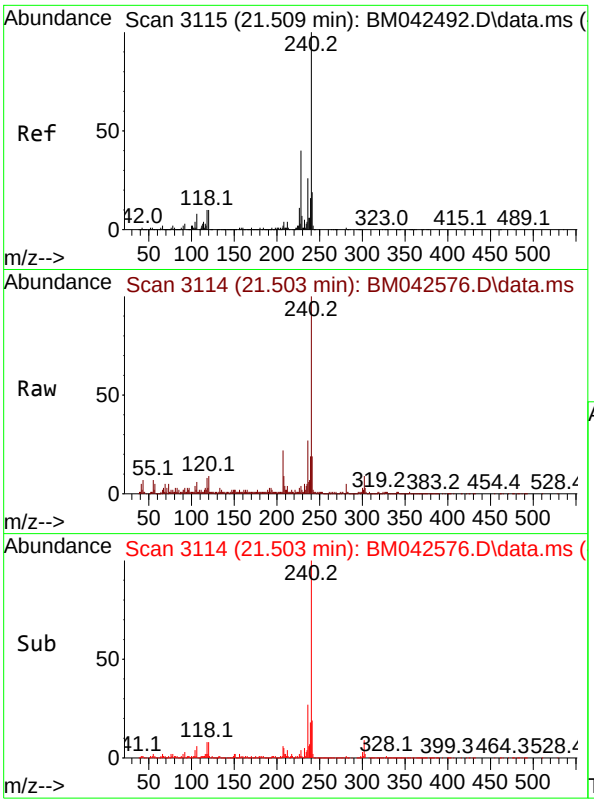


#75
Fluoranthene
Concen: 8.147 ng
RT: 19.374 min Scan# 2752
Delta R.T. -0.000 min
Lab File: BM042576.D
Acq: 03 Nov 2023 18:35

Tgt Ion:202 Resp: 130962

Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	30.5
203	18.5	0.0	37.0



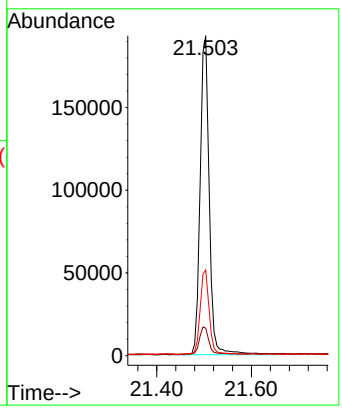


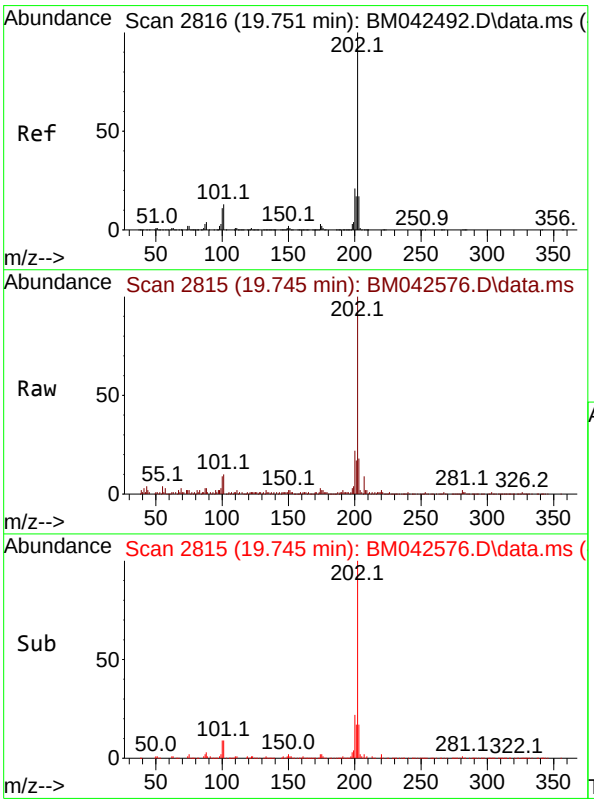
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.503 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM042576.D
Acq: 03 Nov 2023 18:35

Instrument :
BNA_M
ClientSampleId :
OK-02-103123

Tgt Ion:240 Resp: 257144

Ion	Ratio	Lower	Upper
240	100		
120	8.6	8.3	12.5
236	26.8	20.8	31.2

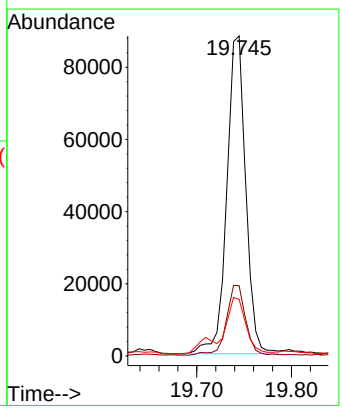


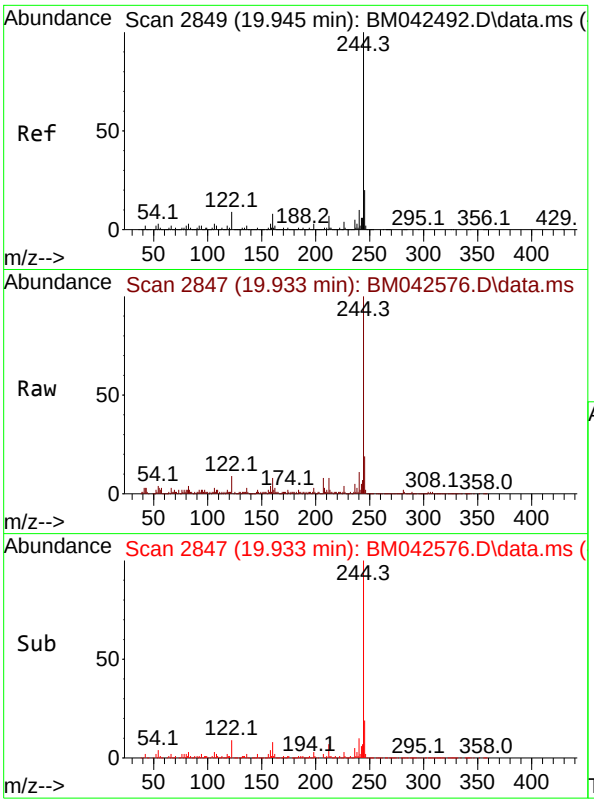


#78
Pyrene
Concen: 6.944 ng
RT: 19.745 min Scan# 2815
Delta R.T. 0.006 min
Lab File: BM042576.D
Acq: 03 Nov 2023 18:35

Tgt Ion:202 Resp: 122605

Ion	Ratio	Lower	Upper
202	100		
200	21.9	16.9	25.3
203	17.7	13.7	20.5



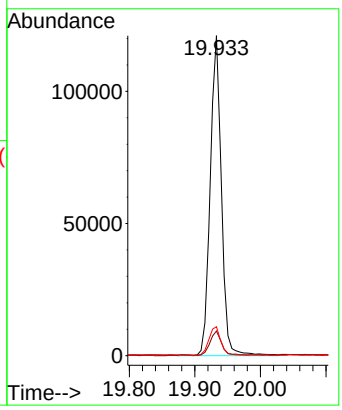


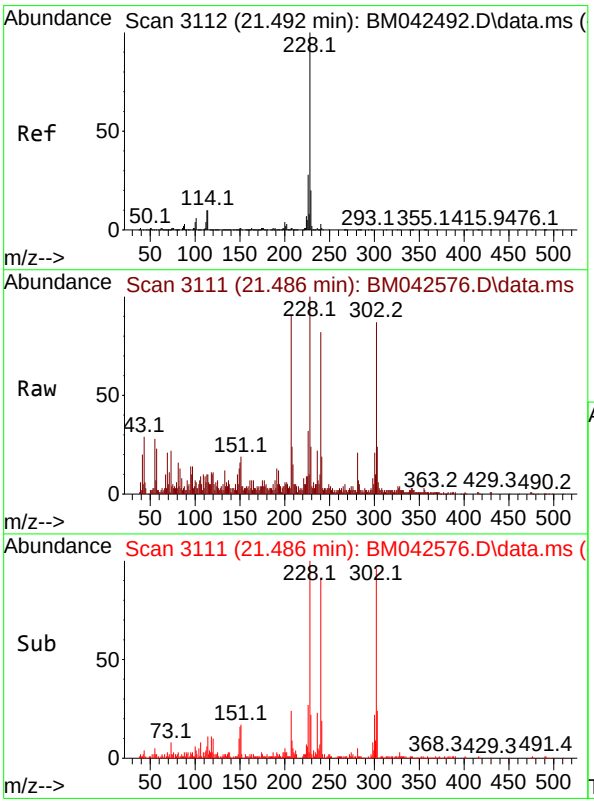
#79
Terphenyl-d14
Concen: 9.505 ng
RT: 19.933 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM042576.D
Acq: 03 Nov 2023 18:35

Instrument :
BNA_M
ClientSampleId :
OK-02-103123

Tgt Ion:244 Resp: 144141

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.4	8.2
122	9.0	7.2	10.8

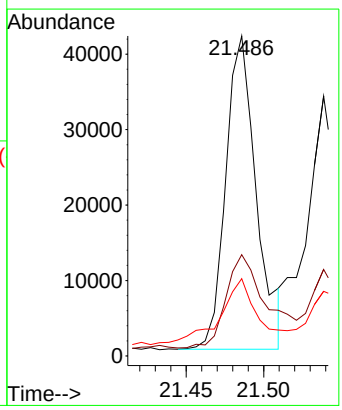


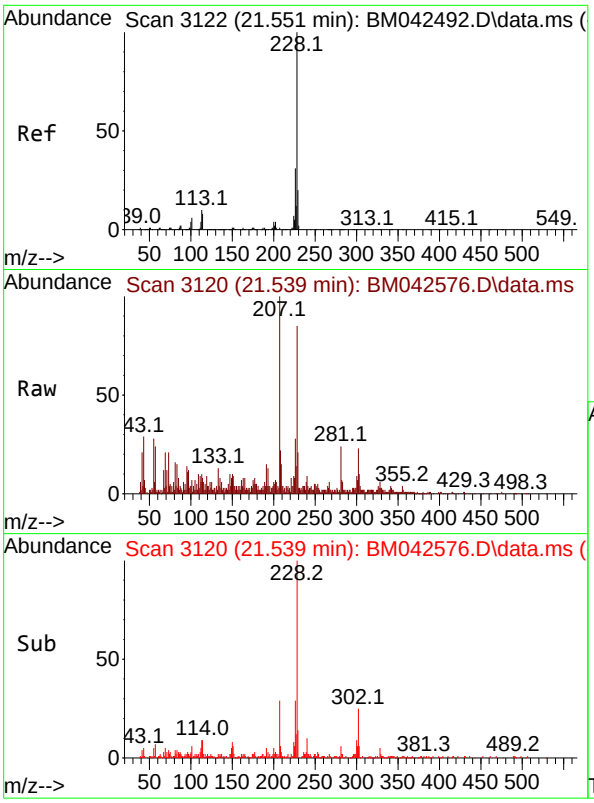


#81
Benzo(a)anthracene
Concen: 3.491 ng
RT: 21.486 min Scan# 3111
Delta R.T. -0.000 min
Lab File: BM042576.D
Acq: 03 Nov 2023 18:35

Tgt Ion:228 Resp: 57115

Ion	Ratio	Lower	Upper
228	100		
226	31.6	22.3	33.5
229	24.2	15.8	23.8#



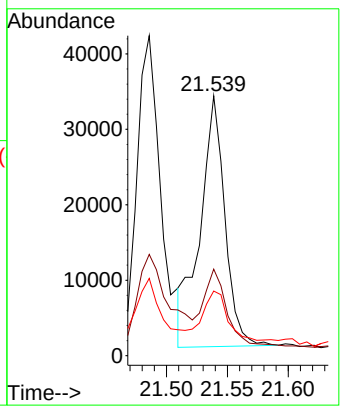


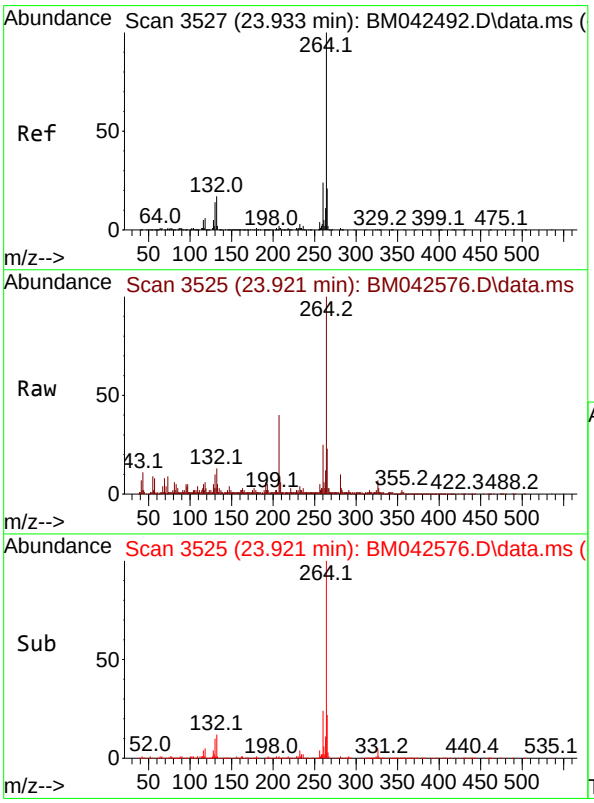
#83
Chrysene
Concen: 2.848 ng
RT: 21.539 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM042576.D
Acq: 03 Nov 2023 18:35

Instrument :
BNA_M
ClientSampleId :
OK-02-103123

Tgt Ion:228 Resp: 47329

Ion	Ratio	Lower	Upper
228	100		
226	33.3	24.4	36.6
229	24.9	15.7	23.5#

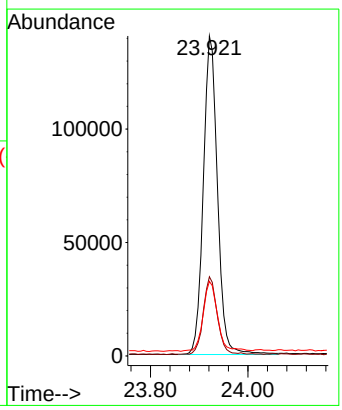


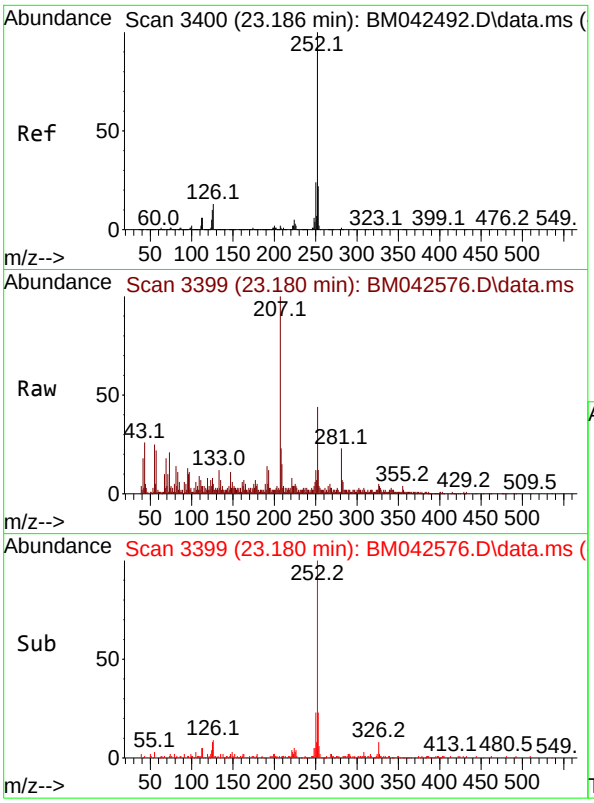


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.921 min Scan# 3525
Delta R.T. 0.006 min
Lab File: BM042576.D
Acq: 03 Nov 2023 18:35

Tgt Ion:264 Resp: 283560

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.0	28.4
265	23.3	18.7	28.1



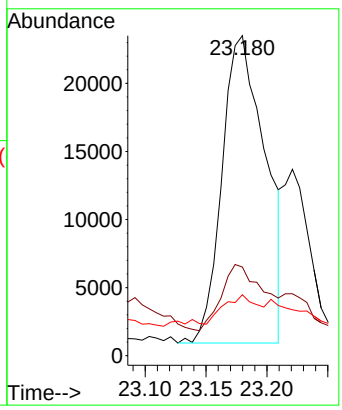


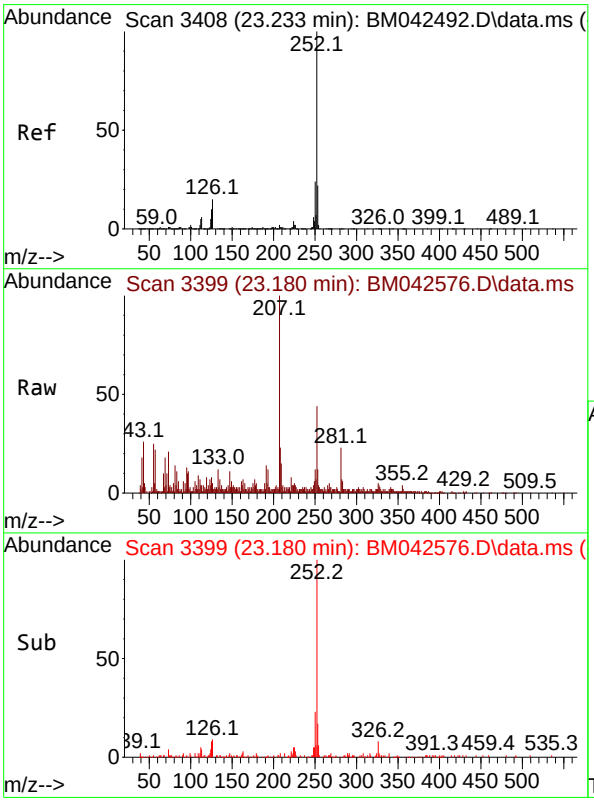
#88
Benzo(b)fluoranthene
Concen: 3.533 ng
RT: 23.180 min Scan# 3
Delta R.T. 0.006 min
Lab File: BM042576.D
Acq: 03 Nov 2023 18:35

Instrument :
BNA_M
ClientSampleId :
OK-02-103123

Tgt Ion:252 Resp: 55811

Ion	Ratio	Lower	Upper
252	100		
253	27.7	17.5	26.3#
125	19.1	7.8	11.6#

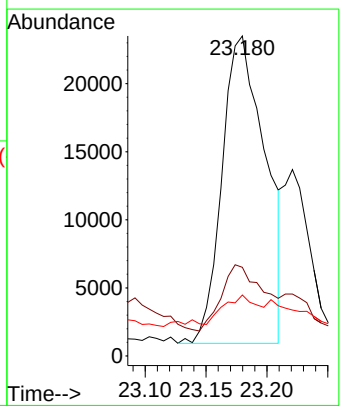


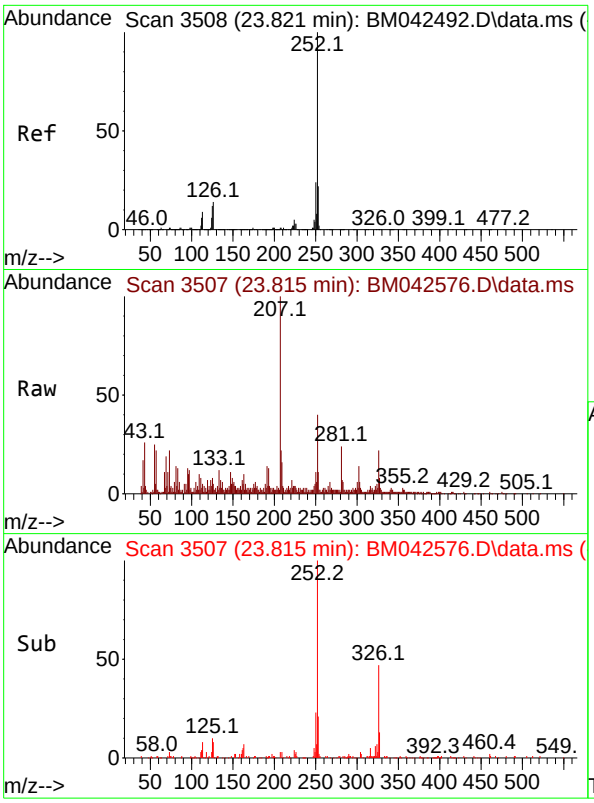


#89
Benzo(k)fluoranthene
Concen: 3.170 ng
RT: 23.180 min Scan# 3399
Delta R.T. -0.041 min
Lab File: BM042576.D
Acq: 03 Nov 2023 18:35

Tgt Ion:252 Resp: 55811

Ion	Ratio	Lower	Upper
252	100		
253	27.7	17.6	26.4#
125	19.1	8.2	12.4#



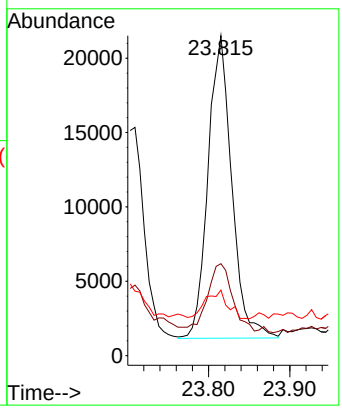


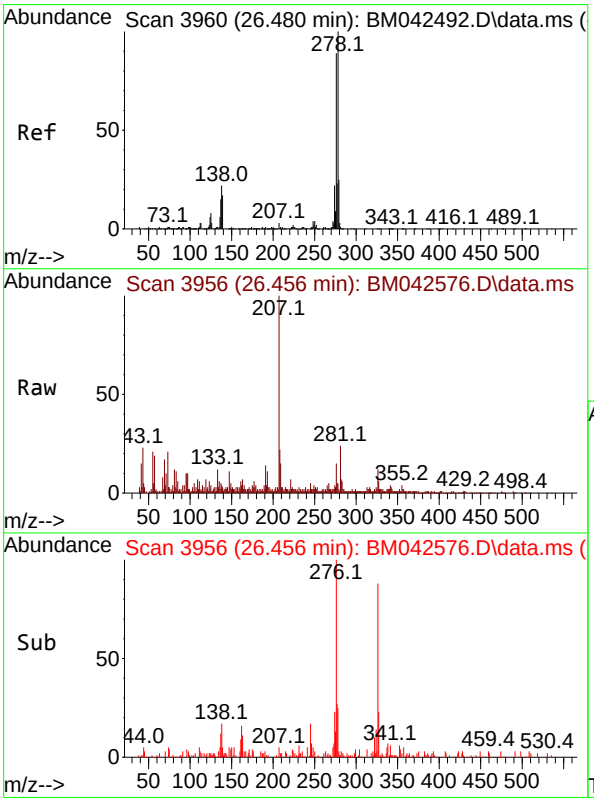
#90
Benzo(a)pyrene
Concen: 2.658 ng
RT: 23.815 min Scan# 3
Delta R.T. 0.006 min
Lab File: BM042576.D
Acq: 03 Nov 2023 18:35

Instrument :
BNA_M
ClientSampleId :
OK-02-103123

Tgt Ion:252 Resp: 41341

Ion	Ratio	Lower	Upper
252	100		
253	28.8	17.5	26.3#
125	20.5	9.4	14.2#





#91
Dibenzo(a,h)anthracene
Concen: 4.582 ng
RT: 26.456 min Scan# 3956
Delta R.T. -0.012 min
Lab File: BM042576.D
Acq: 03 Nov 2023 18:35

Tgt Ion:278 Resp: 7567

Ion	Ratio	Lower	Upper
278	100		
139	59.5	13.4	20.2#
279	49.0	19.7	29.5#