Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033023\
Data File : BM039244.D
Acq On : 31 Mar 2023 01:50
Operator : CG/JU
Sample : 02021-07 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JPP-6D-032023

Quant Time: Mar 31 02:45:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 30 05:15:45 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	253123	20.000	ng	0.00
21) Naphthalene-d8	10.733	136	1000861	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	563012	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	1170617	20.000	ng	0.00
76) Chrysene-d12	21.497	240	1105668	20.000	ng	0.00
86) Perylene-d12	23.909	264	1242851	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	265079	15.778	ng	0.00
7) Phenol-d6	7.087	99	331939	15.275	ng	-0.01
23) Nitrobenzene-d5	9.087	82	200493	9.736	ng	-0.01
42) 2,4,6-Tribromophenol	16.057	330	98978	13.849	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	422354	10.164	ng	0.00
79) Terphenyl-d14	19.933	244	642021	10.728	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	10.781	128	247984	4.598	ng	100
52) Acenaphthene	14.627	154	88040	2.695	ng	99
71) Phenanthrene	17.357	178	1280082	19.966	ng	99
72) Anthracene	17.445	178	339881	5.199	ng	99
75) Fluoranthene	19.374	202	3232871	44.235	ng	100
78) Pyrene	19.739	202	3317263	42.144	ng	99
81) Benzo(a)anthracene	21.480	228	1891527	24.257	ng	99
83) Chrysene	21.533	228	1774521	23.573	ng	98
87) Indeno(1,2,3-cd)pyrene	26.421	276	1737691	18.976	ng	95
88) Benzo(b)fluoranthene	23.180	252	3035372	39.914	ng	99
89) Benzo(k)fluoranthene	23.180	252	3035372	39.185	ng	99
90) Benzo(a)pyrene	23.809	252	2447709	32.764	ng	98
92) Benzo(g,h,i)perylene	27.197	276	1776412	23.492	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033023\
Data File : BM039244.D
Acq On : 31 Mar 2023 01:50
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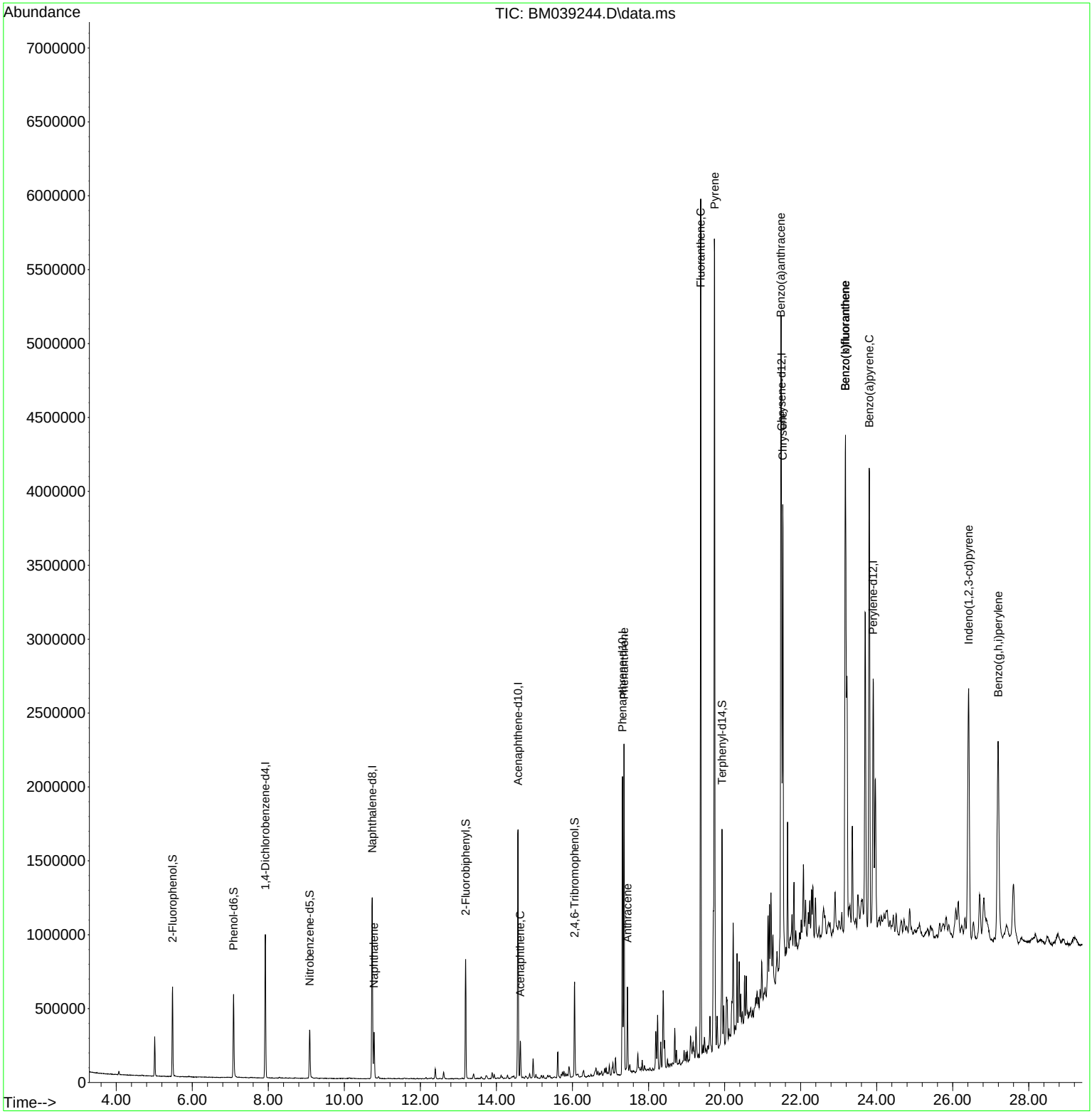
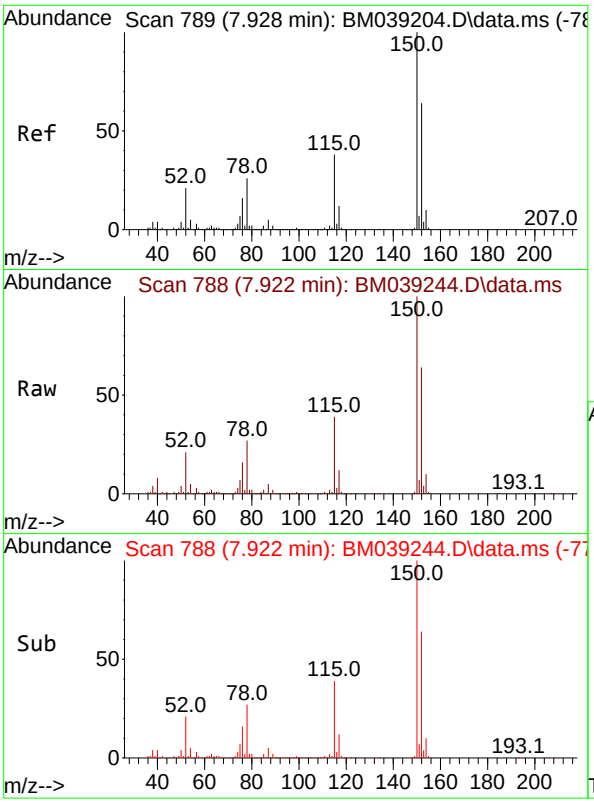
Sample : 02021-07 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JPP-6D-032023

Quant Time: Mar 31 02:45:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 30 05:15:45 2023
Response via : Initial Calibration



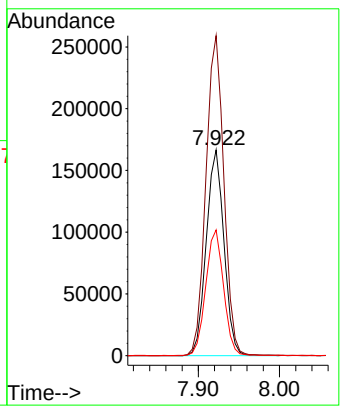


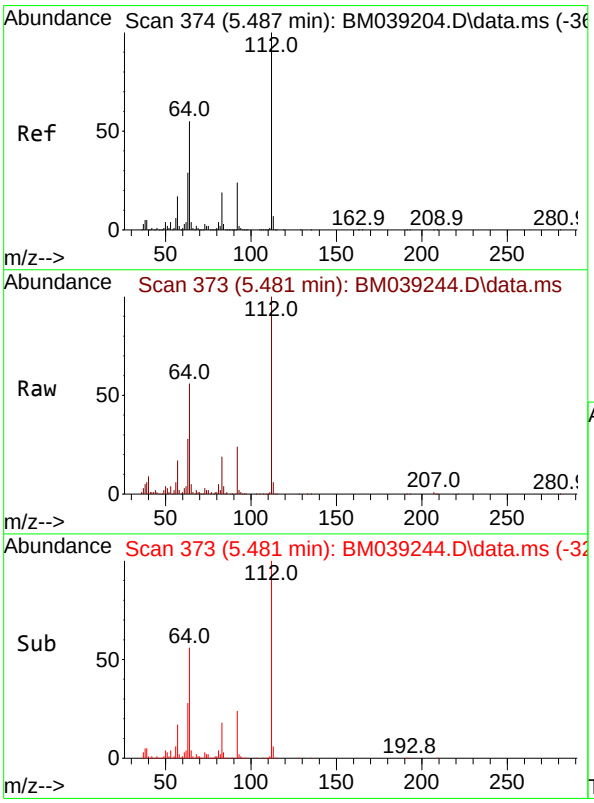
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 78
Delta R.T. -0.006 min
Lab File: BM039244.D
Acq: 31 Mar 2023 01:50

Instrument :
BNA_M
ClientSampleId :
JPP-6D-032023

Tgt Ion:152 Resp: 253123

Ion	Ratio	Lower	Upper
152	100		
150	155.5	125.5	188.3
115	61.1	48.1	72.1

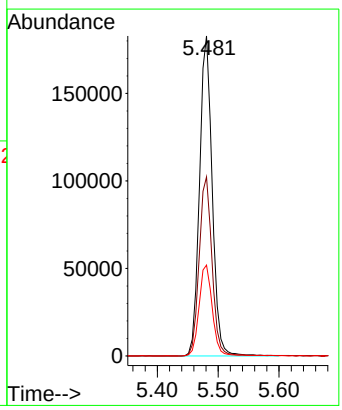


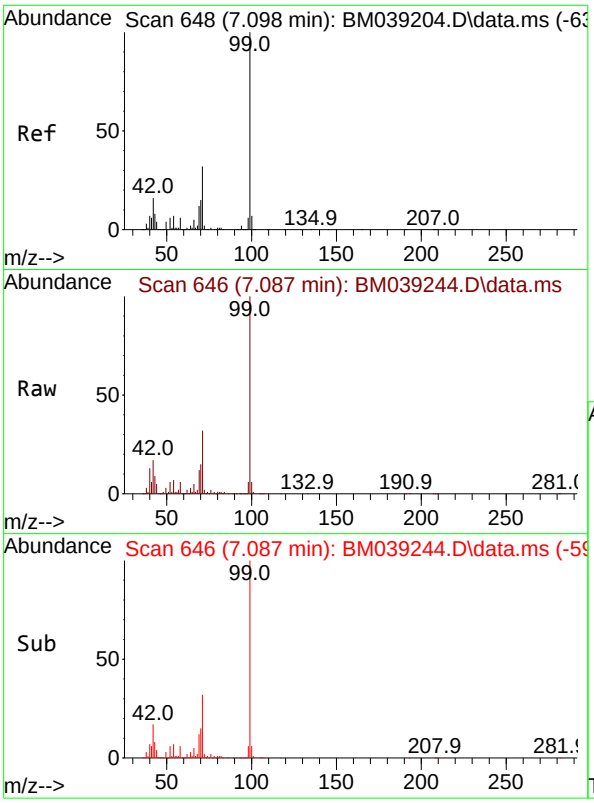


#5
2-Fluorophenol
Concen: 15.778 ng
RT: 5.481 min Scan# 373
Delta R.T. -0.006 min
Lab File: BM039244.D
Acq: 31 Mar 2023 01:50

Tgt Ion:112 Resp: 265079

Ion	Ratio	Lower	Upper
112	100		
64	55.9	44.3	66.5
63	28.4	23.0	34.6



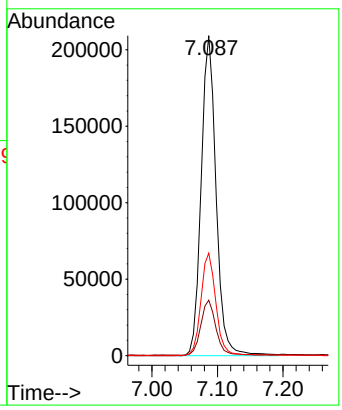


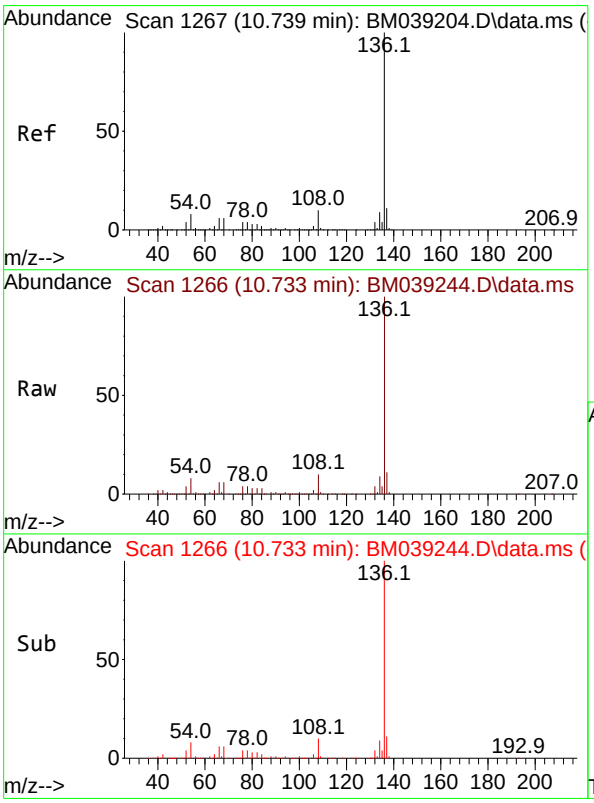
#7
Phenol-d6
Concen: 15.275 ng
RT: 7.087 min Scan# 64
Delta R.T. -0.012 min
Lab File: BM039244.D
Acq: 31 Mar 2023 01:50

Instrument :
BNA_M
ClientSampleId :
JPP-6D-032023

Tgt Ion: 99 Resp: 331939

Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.0	19.6
71	32.0	25.5	38.3

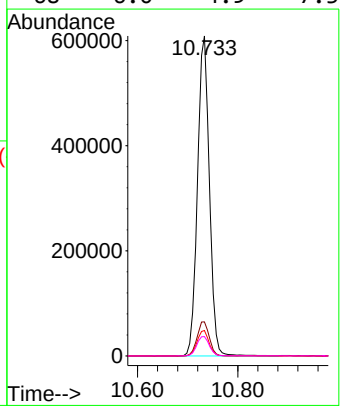


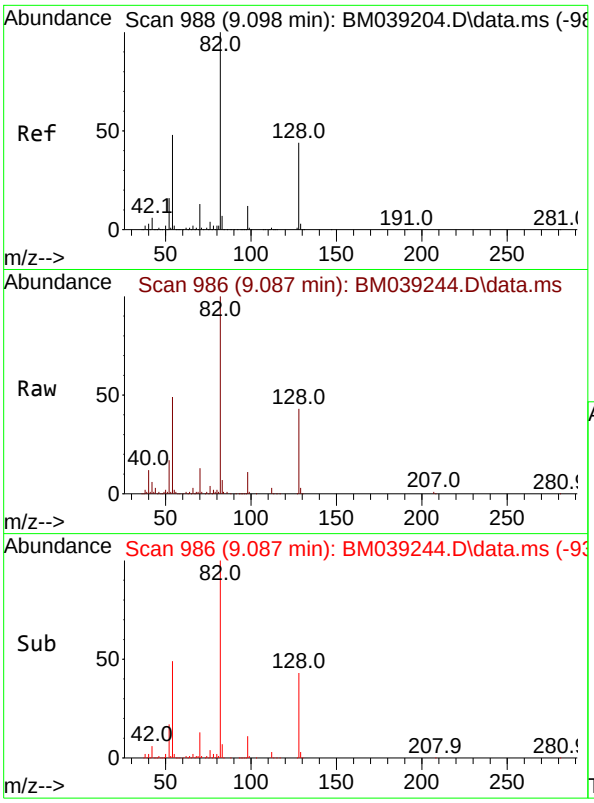


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.733 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BM039244.D
Acq: 31 Mar 2023 01:50

Tgt Ion:136 Resp: 1000861

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.9	6.2	9.4
68	6.0	4.9	7.3



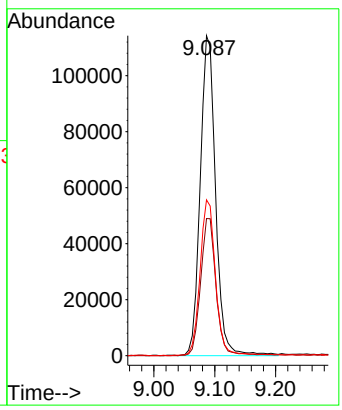


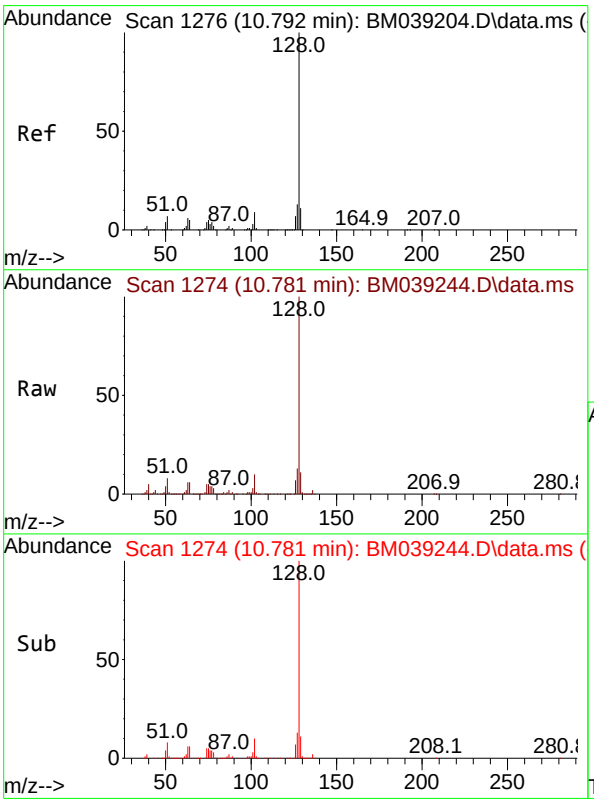
#23
Nitrobenzene-d5
Concen: 9.736 ng
RT: 9.087 min Scan# 9
Delta R.T. -0.012 min
Lab File: BM039244.D
Acq: 31 Mar 2023 01:50

Instrument :
BNA_M
ClientSampleId :
JPP-6D-032023

Tgt Ion: 82 Resp: 200493

Ion	Ratio	Lower	Upper
82	100		
128	42.9	35.1	52.7
54	48.7	38.5	57.7

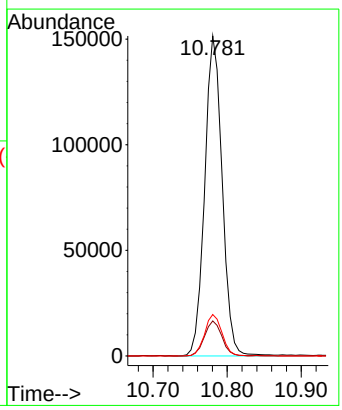


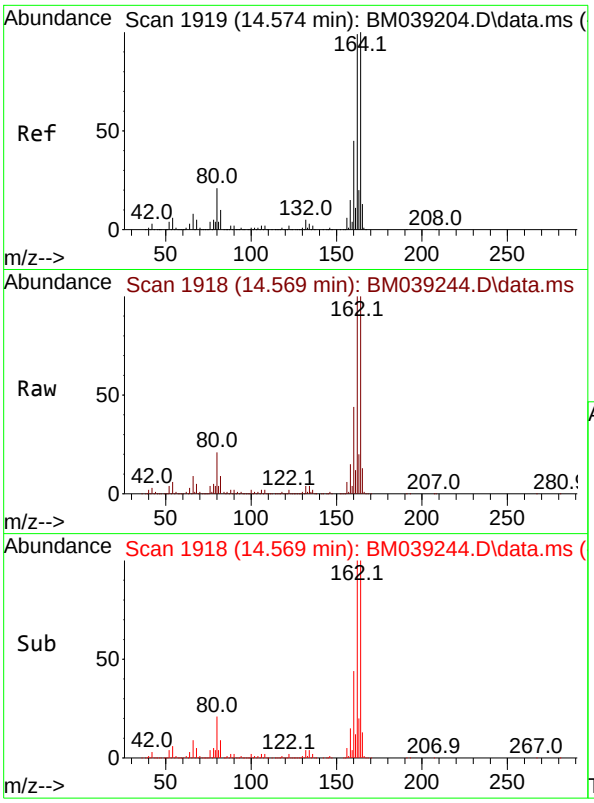


#31
Naphthalene
Concen: 4.598 ng
RT: 10.781 min Scan# 1274
Delta R.T. -0.012 min
Lab File: BM039244.D
Acq: 31 Mar 2023 01:50

Tgt Ion:128 Resp: 247984

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	13.0
127	12.9	10.3	15.5



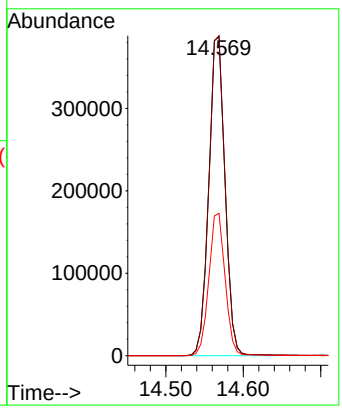


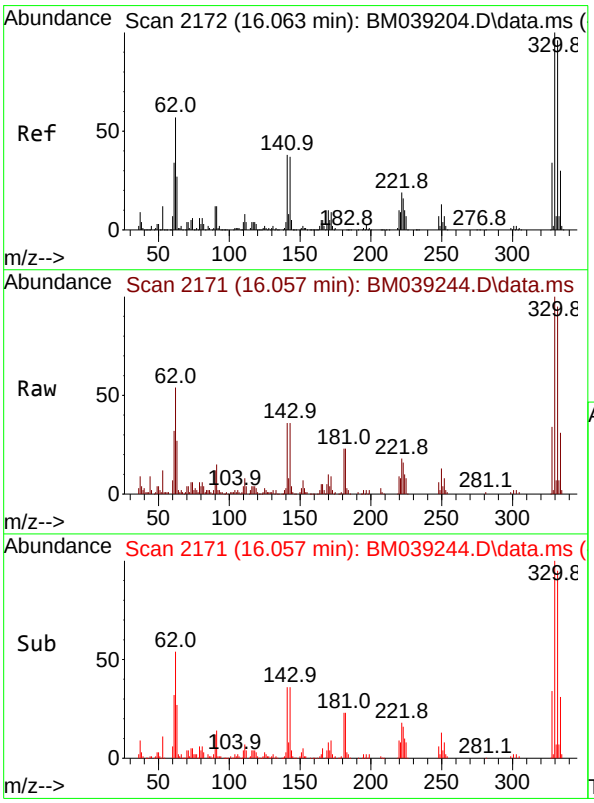
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.569 min Scan# 1
Delta R.T. -0.005 min
Lab File: BM039244.D
Acq: 31 Mar 2023 01:50

Instrument :
BNA_M
ClientSampleId :
JPP-6D-032023

Tgt Ion:164 Resp: 563012

Ion	Ratio	Lower	Upper
164	100		
162	100.3	79.1	118.7
160	44.6	35.8	53.8

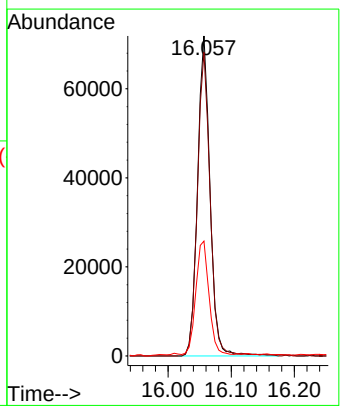


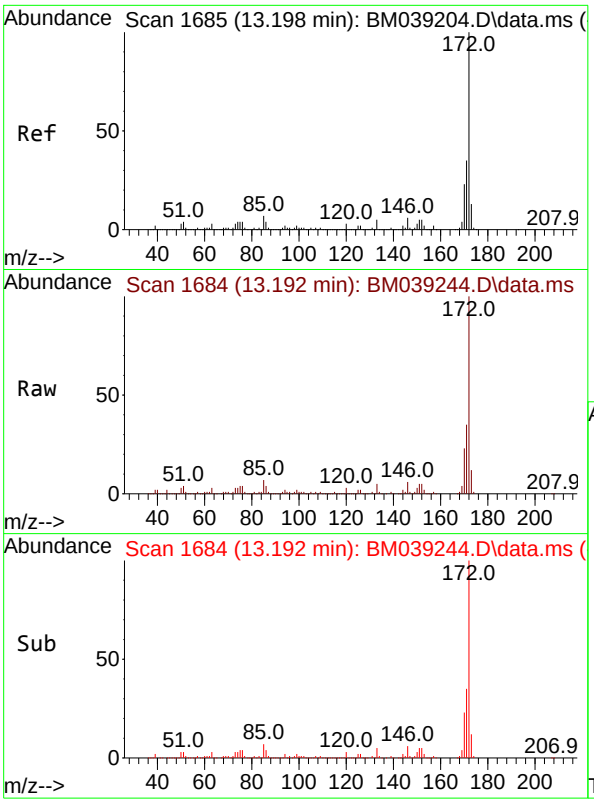


#42
2,4,6-Tribromophenol
Concen: 13.849 ng
RT: 16.057 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BM039244.D
Acq: 31 Mar 2023 01:50

Tgt Ion:330 Resp: 98978

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.4	116.0
141	37.0	29.8	44.6



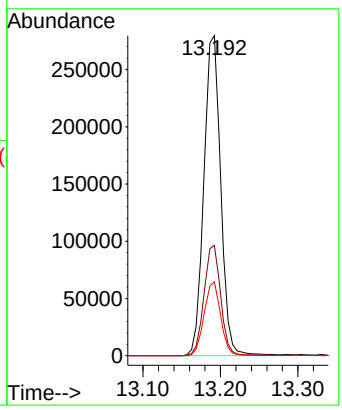


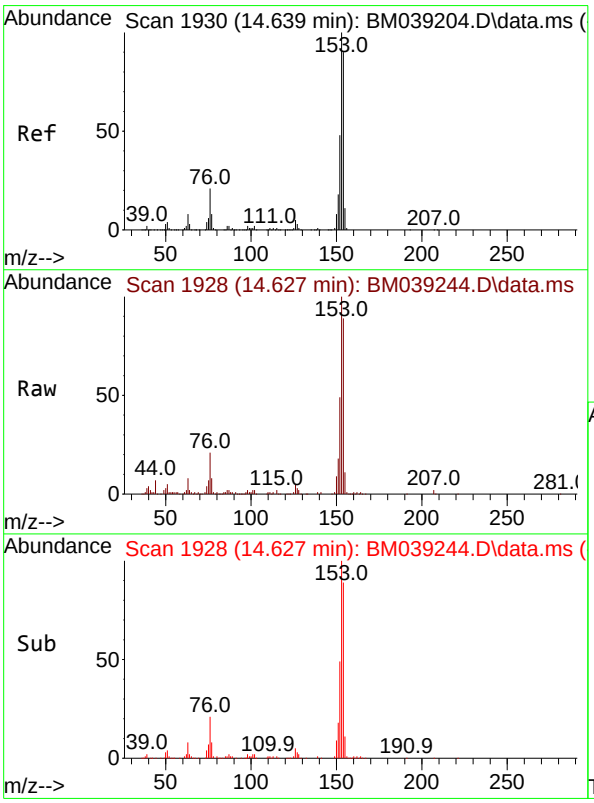
#45
2-Fluorobiphenyl
Concen: 10.164 ng
RT: 13.192 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM039244.D
Acq: 31 Mar 2023 01:50

Instrument :
BNA_M
ClientSampleId :
JPP-6D-032023

Tgt Ion:172 Resp: 422354

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.0	42.0
170	23.1	18.7	28.1

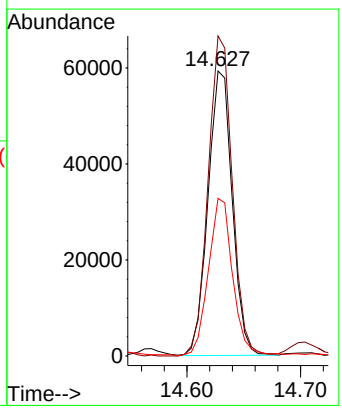


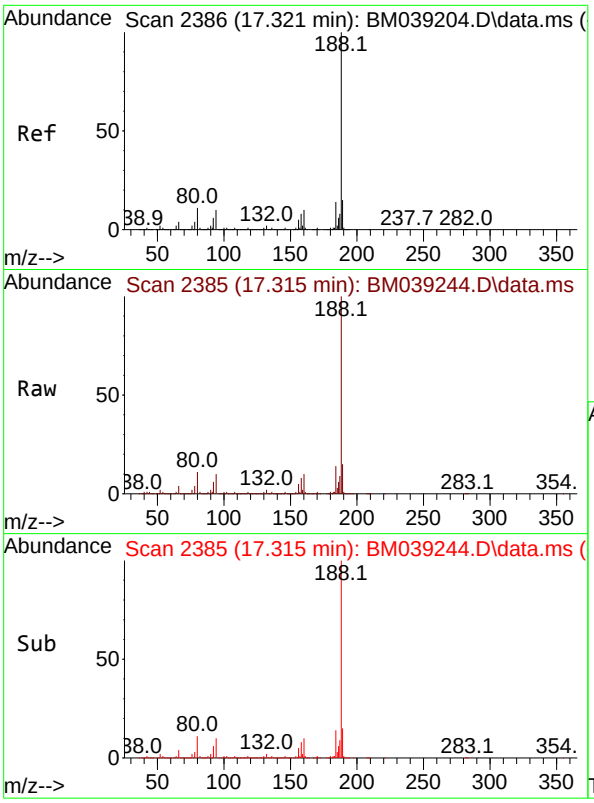


#52
Acenaphthene
Concen: 2.695 ng
RT: 14.627 min Scan# 1928
Delta R.T. -0.012 min
Lab File: BM039244.D
Acq: 31 Mar 2023 01:50

Tgt Ion:154 Resp: 88040

Ion	Ratio	Lower	Upper
154	100		
153	112.3	89.1	133.7
152	55.3	42.6	64.0



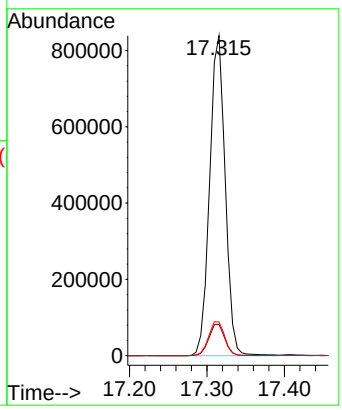


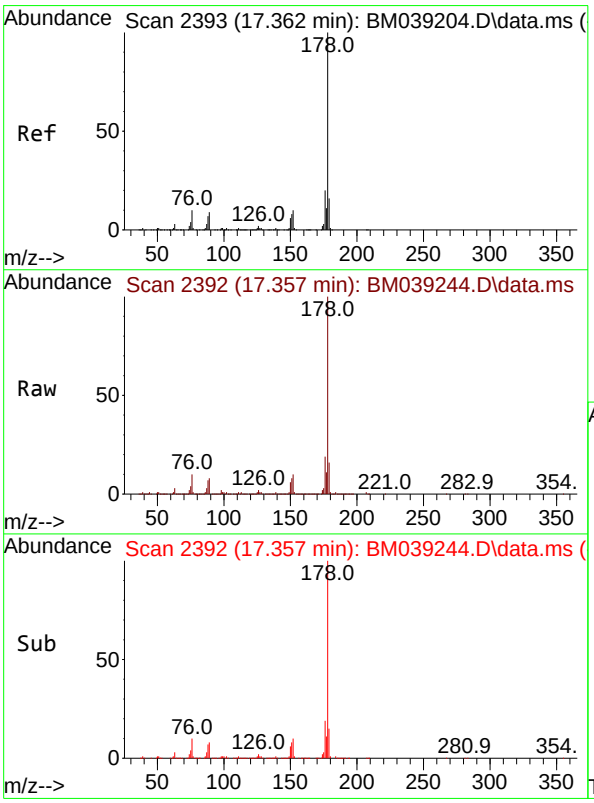
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.315 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM039244.D
Acq: 31 Mar 2023 01:50

Instrument :
BNA_M
ClientSampleId :
JPP-6D-032023

Tgt Ion:188 Resp: 1170617

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.2	12.4
80	10.6	8.9	13.3

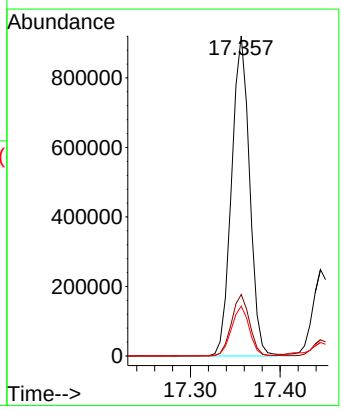


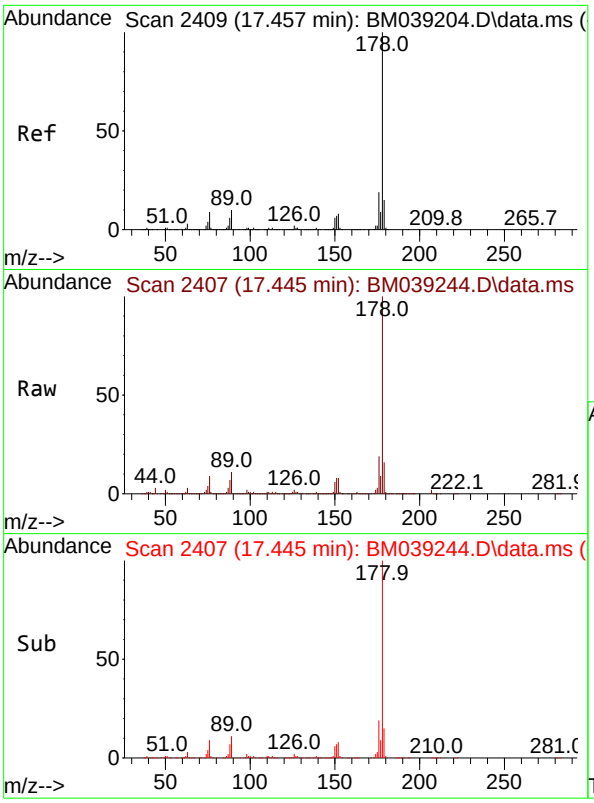


#71
Phenanthrene
Concen: 19.966 ng
RT: 17.357 min Scan# 2392
Delta R.T. -0.006 min
Lab File: BM039244.D
Acq: 31 Mar 2023 01:50

Tgt Ion:178 Resp: 1280082

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.7	23.5
179	15.5	12.4	18.6



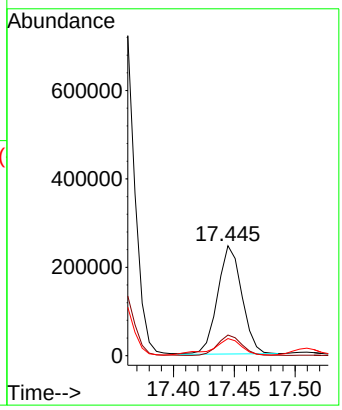


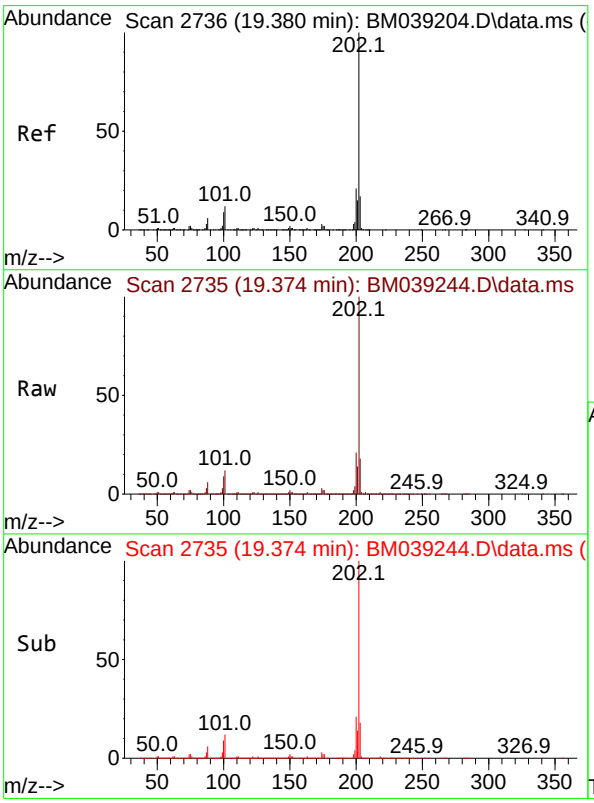
#72
Anthracene
Concen: 5.199 ng
RT: 17.445 min Scan# 24
Delta R.T. -0.012 min
Lab File: BM039244.D
Acq: 31 Mar 2023 01:50

Instrument :
BNA_M
ClientSampleId :
JPP-6D-032023

Tgt Ion:178 Resp: 339881

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	15.6	12.2	18.2

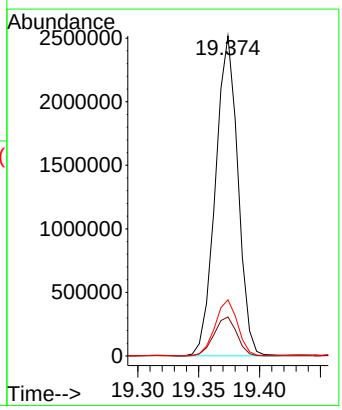


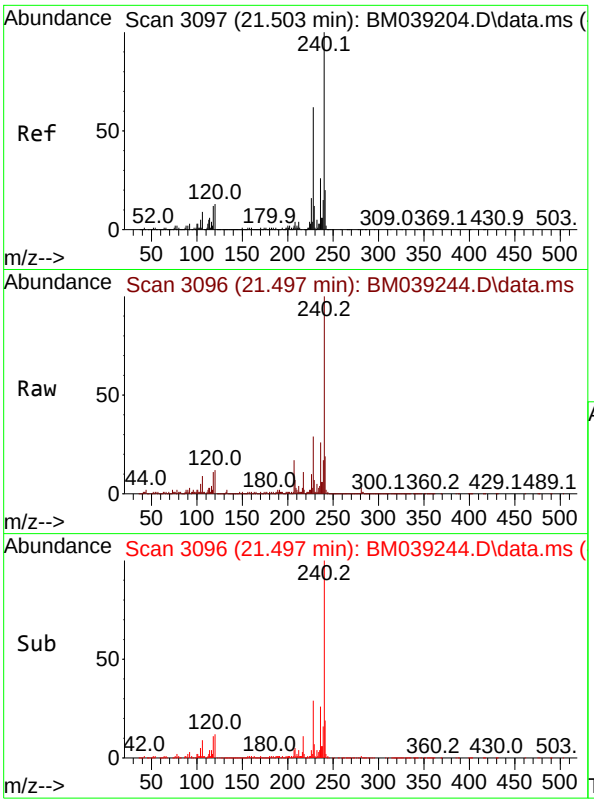


#75
Fluoranthene
Concen: 44.235 ng
RT: 19.374 min Scan# 2735
Delta R.T. -0.006 min
Lab File: BM039244.D
Acq: 31 Mar 2023 01:50

Tgt Ion:202 Resp: 3232871

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	32.5
203	17.5	0.0	37.5



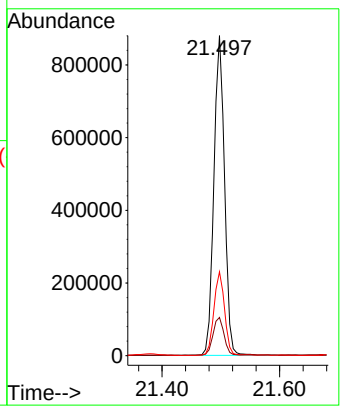


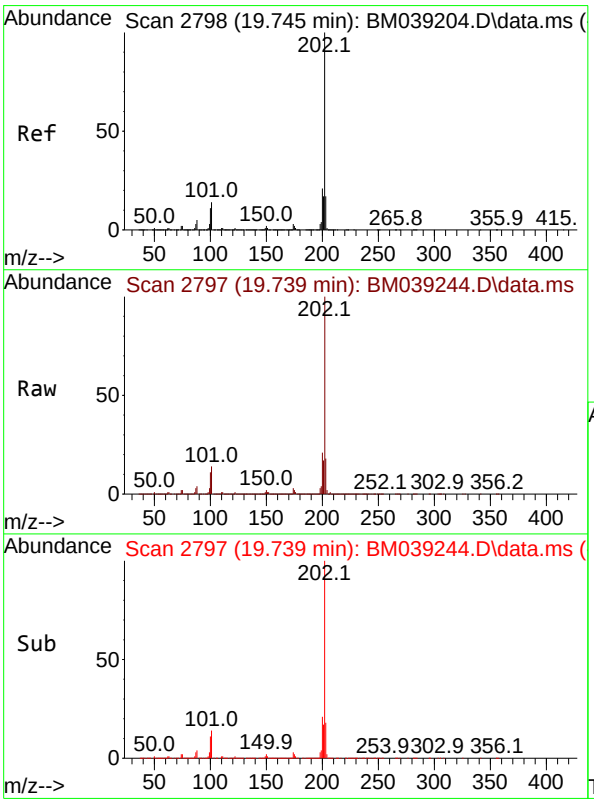
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.497 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM039244.D
Acq: 31 Mar 2023 01:50

Instrument :
BNA_M
ClientSampleId :
JPP-6D-032023

Tgt Ion:240 Resp: 1105668

Ion	Ratio	Lower	Upper
240	100		
120	11.9	10.2	15.2
236	26.2	20.9	31.3

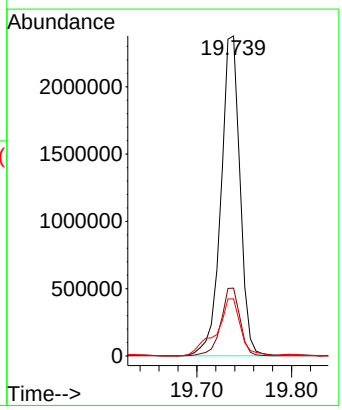


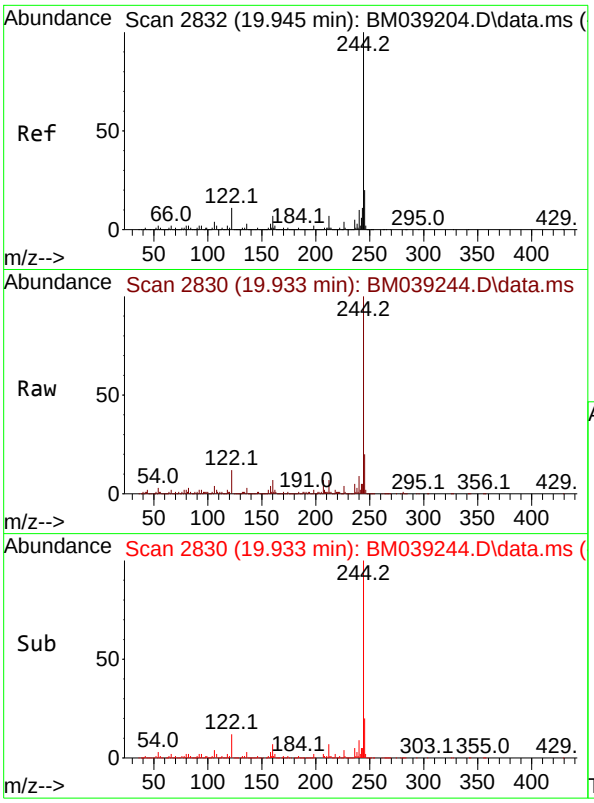


#78
Pyrene
Concen: 42.144 ng
RT: 19.739 min Scan# 2797
Delta R.T. -0.006 min
Lab File: BM039244.D
Acq: 31 Mar 2023 01:50

Tgt Ion:202 Resp: 3317263

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.1	25.7
203	17.9	13.9	20.9



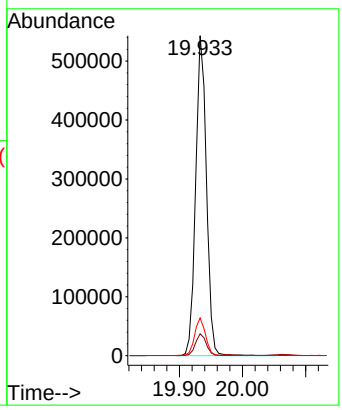


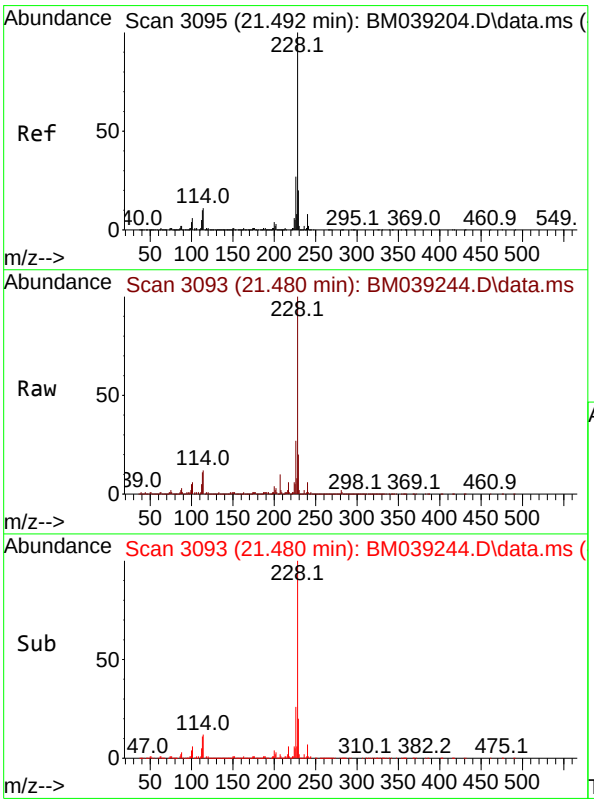
#79
Terphenyl-d14
Concen: 10.728 ng
RT: 19.933 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM039244.D
Acq: 31 Mar 2023 01:50

Instrument :
BNA_M
ClientSampleId :
JPP-6D-032023

Tgt Ion:244 Resp: 642021

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	11.8	9.1	13.7

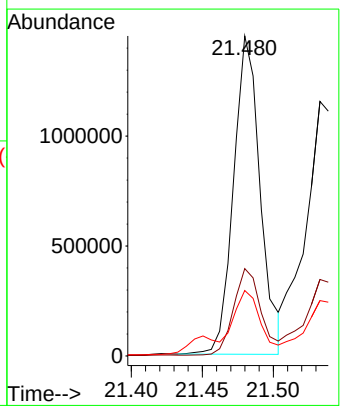


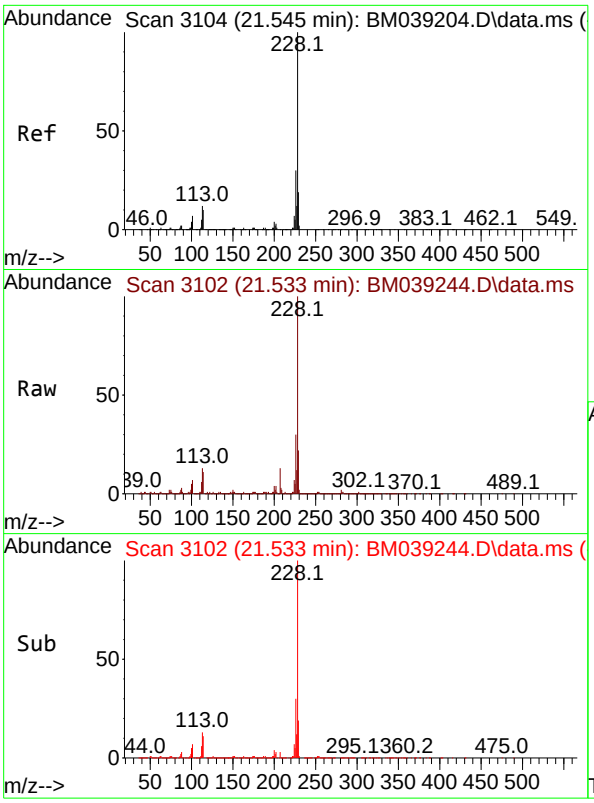


#81
Benzo(a)anthracene
Concen: 24.257 ng
RT: 21.480 min Scan# 3093
Delta R.T. -0.012 min
Lab File: BM039244.D
Acq: 31 Mar 2023 01:50

Tgt Ion:228 Resp: 1891527

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.9	32.9
229	20.5	15.8	23.6



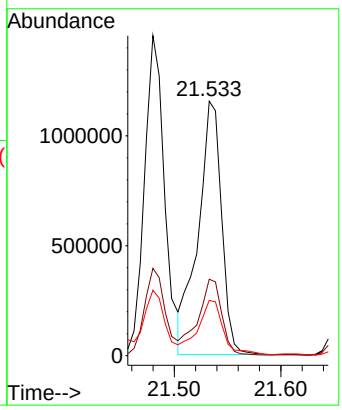


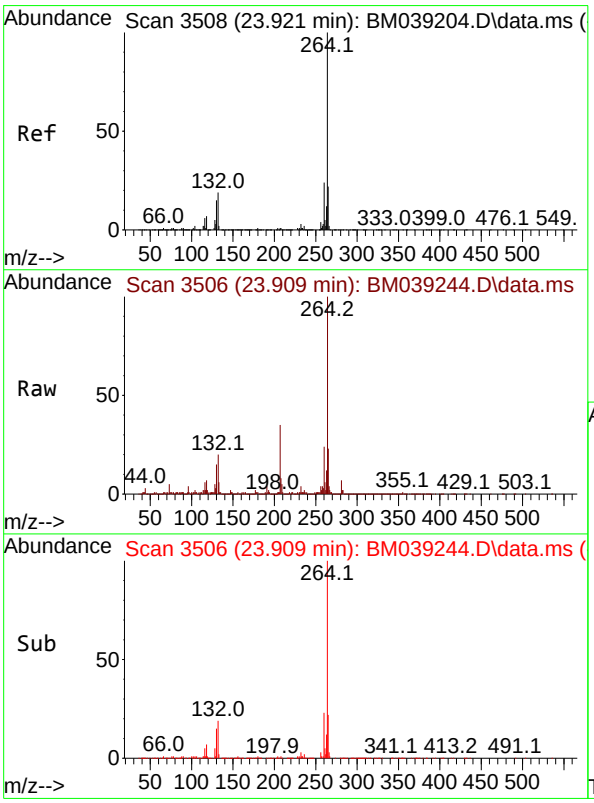
#83
Chrysene
Concen: 23.573 ng
RT: 21.533 min Scan# 3
Delta R.T. -0.012 min
Lab File: BM039244.D
Acq: 31 Mar 2023 01:50

Instrument :
BNA_M
ClientSampleId :
JPP-6D-032023

Tgt Ion:228 Resp: 1774521

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.1	36.1
229	21.8	15.5	23.3

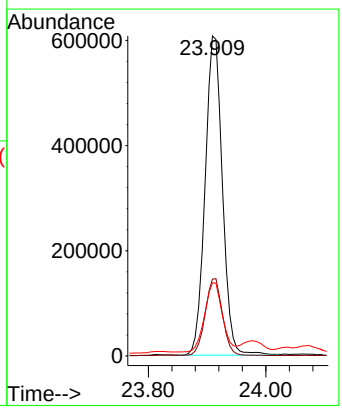


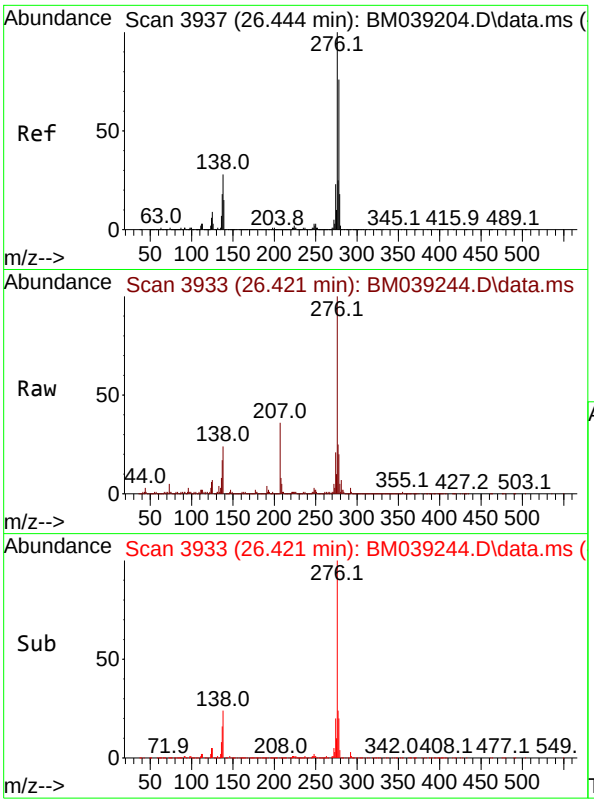


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.909 min Scan# 3506
Delta R.T. -0.012 min
Lab File: BM039244.D
Acq: 31 Mar 2023 01:50

Tgt Ion:264 Resp: 1242851

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.0	28.6
265	22.9	18.1	27.1



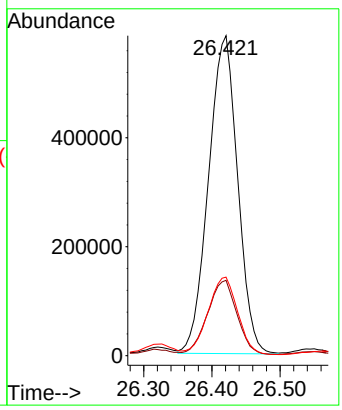


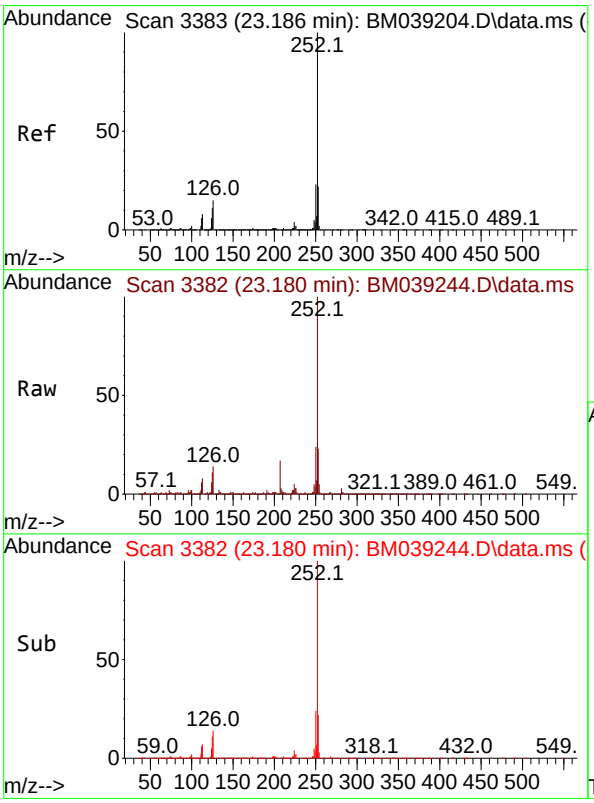
#87
Indeno(1,2,3-cd)pyrene
Concen: 18.976 ng
RT: 26.421 min Scan# 3
Delta R.T. -0.024 min
Lab File: BM039244.D
Acq: 31 Mar 2023 01:50

Instrument :
BNA_M
ClientSampleId :
JPP-6D-032023

Tgt Ion:276 Resp: 1737691

Ion	Ratio	Lower	Upper
276	100		
138	23.5	22.2	33.2
277	24.7	20.2	30.2

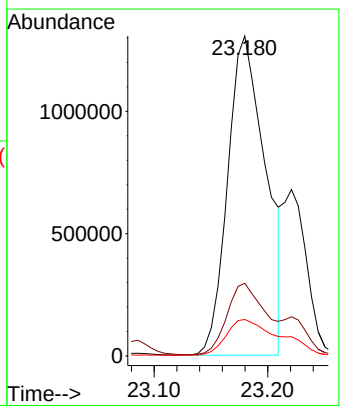


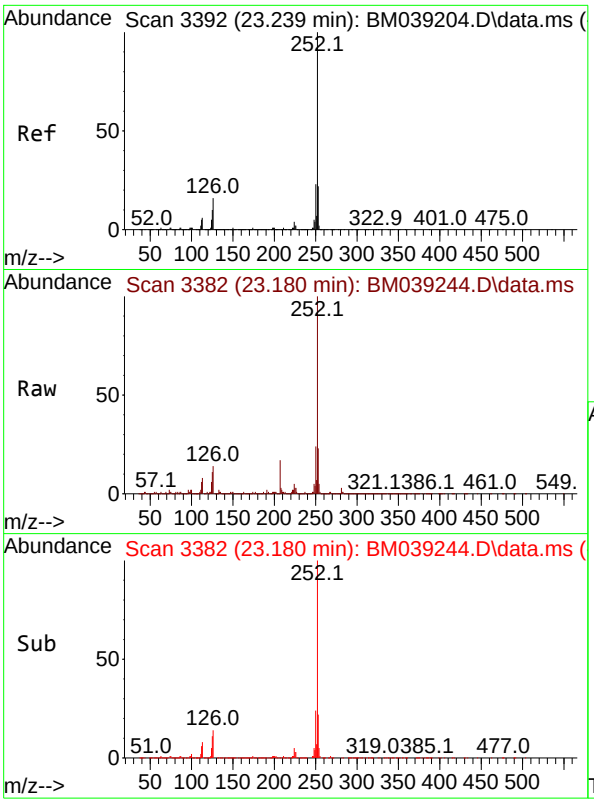


#88
Benzo(b)fluoranthene
Concen: 39.914 ng
RT: 23.180 min Scan# 3382
Delta R.T. -0.006 min
Lab File: BM039244.D
Acq: 31 Mar 2023 01:50

Tgt Ion:252 Resp: 3035372

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.6	26.4
125	11.4	9.0	13.6



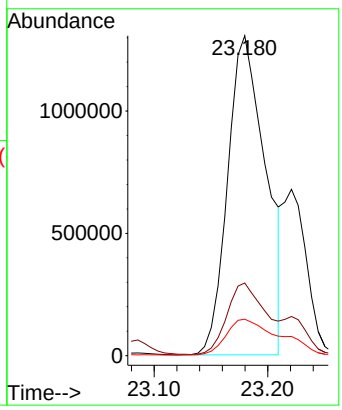


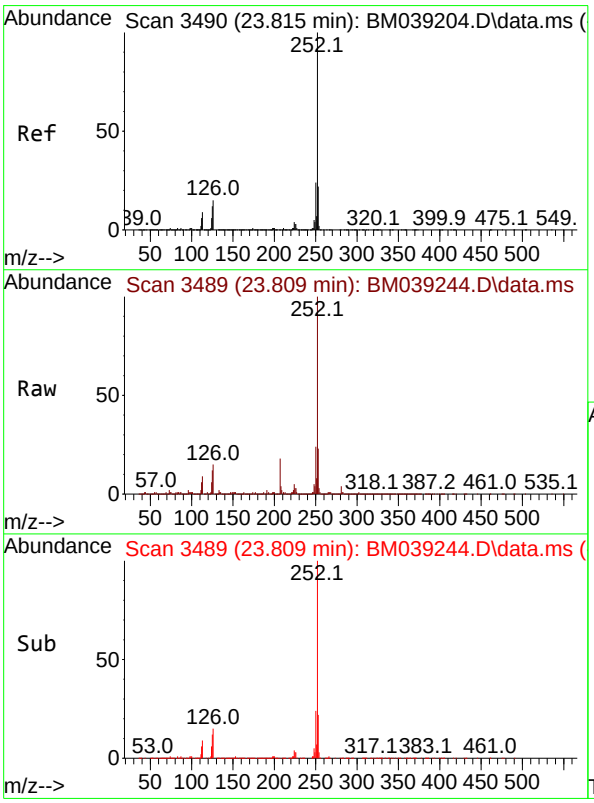
#89
Benzo(k)fluoranthene
Concen: 39.185 ng
RT: 23.180 min Scan# 3
Delta R.T. -0.059 min
Lab File: BM039244.D
Acq: 31 Mar 2023 01:50

Instrument :
BNA_M
ClientSampleId :
JPP-6D-032023

Tgt Ion:252 Resp: 3035372

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	11.4	8.5	12.7

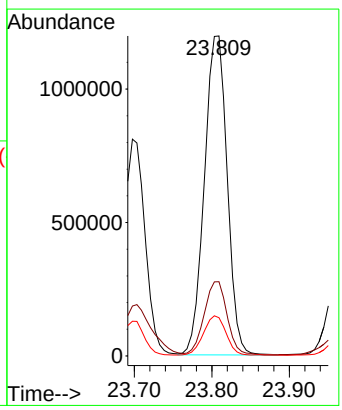


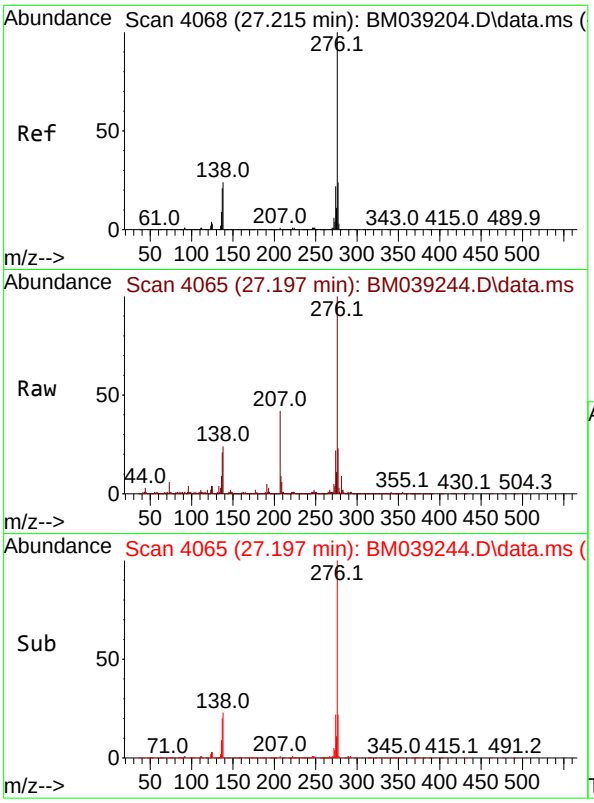


#90
Benzo(a)pyrene
Concen: 32.764 ng
RT: 23.809 min Scan# 3489
Delta R.T. -0.006 min
Lab File: BM039244.D
Acq: 31 Mar 2023 01:50

Tgt Ion:252 Resp: 2447709

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.6	26.4
125	11.9	9.8	14.6





#92
Benzo(g,h,i)perylene
Concen: 23.492 ng
RT: 27.197 min Scan# 4
Delta R.T. -0.018 min
Lab File: BM039244.D
Acq: 31 Mar 2023 01:50

Instrument :
BNA_M
ClientSampleId :
JPP-6D-032023

Tgt Ion:276 Resp: 1776412

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.1	28.7
138	23.7	19.5	29.3