Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041323\
Data File : BM039427.D
Acq On : 14 Apr 2023 01:13
Operator : CG/JU
Sample : 02262-07DL 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JPP-1-040723DL

Quant Time: Apr 14 05:20:39 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	246405	20.000	ng		0.00
21) Naphthalene-d8	10.669	136	1011538	20.000	ng		0.00
39) Acenaphthene-d10	14.515	164	604386	20.000	ng		0.00
64) Phenanthrene-d10	17.268	188	1241425	20.000	ng		0.00
76) Chrysene-d12	21.462	240	941564	20.000	ng		0.00
86) Perylene-d12	23.856	264	1055987	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	552795	33.800	ng		0.01
7) Phenol-d6	7.057	99	724788	34.263	ng		0.02
23) Nitrobenzene-d5	9.028	82	443946	21.331	ng		0.00
42) 2,4,6-Tribromophenol	16.015	330	255788	33.340	ng		0.00
45) 2-Fluorobiphenyl	13.133	172	996498	22.339	ng		0.00
79) Terphenyl-d14	19.897	244	1359054	26.668	ng		0.00
Target Compounds							Qvalue
49) Acenaphthylene	14.239	152	197483	3.325	ng		98
71) Phenanthrene	17.309	178	1187794	17.470	ng		99
72) Anthracene	17.404	178	435467	6.281	ng		99
75) Fluoranthene	19.333	202	2708448	34.946	ng		99
78) Pyrene	19.698	202	2668528	39.811	ng		99
81) Benzo(a)anthracene	21.444	228	1285398	19.357	ng		97
83) Chrysene	21.497	228	1177221	18.364	ng		97
87) Indeno(1,2,3-cd)pyrene	26.332	276	954712	12.271	ng		95
88) Benzo(b)fluoranthene	23.127	252	1691696	26.182	ng		96
89) Benzo(k)fluoranthene	23.127	252	1691696	25.704	ng	#	96
90) Benzo(a)pyrene	23.744	252	1328994	20.938	ng		96
91) Dibenzo(a,h)anthracene	26.332	278	229809	3.518	ng	#	78
92) Benzo(g,h,i)perylene	27.103	276	1004165	15.629	ng		98

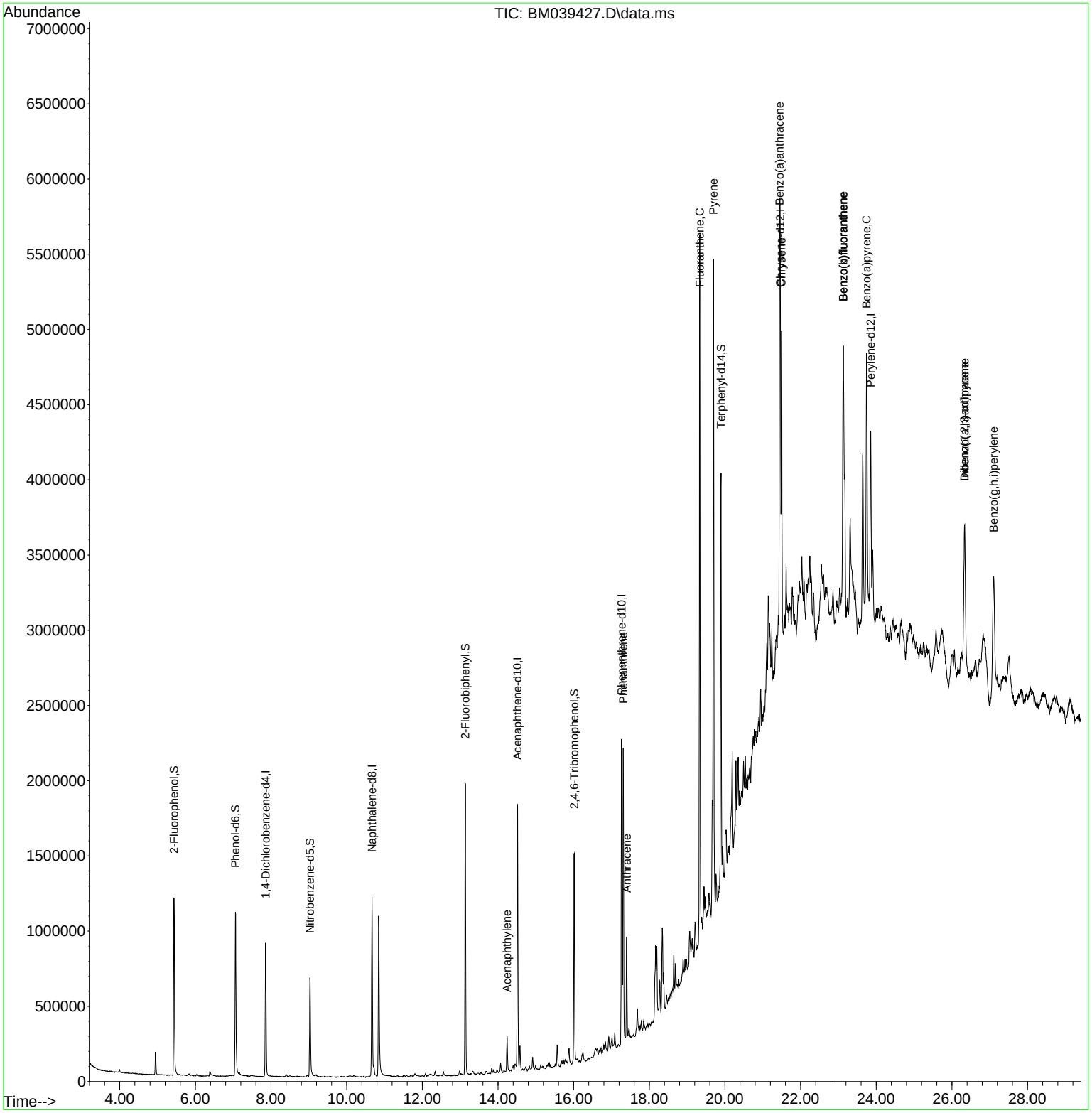
(#) = qualifier out of range (m) = manual integration (+) = signals summed

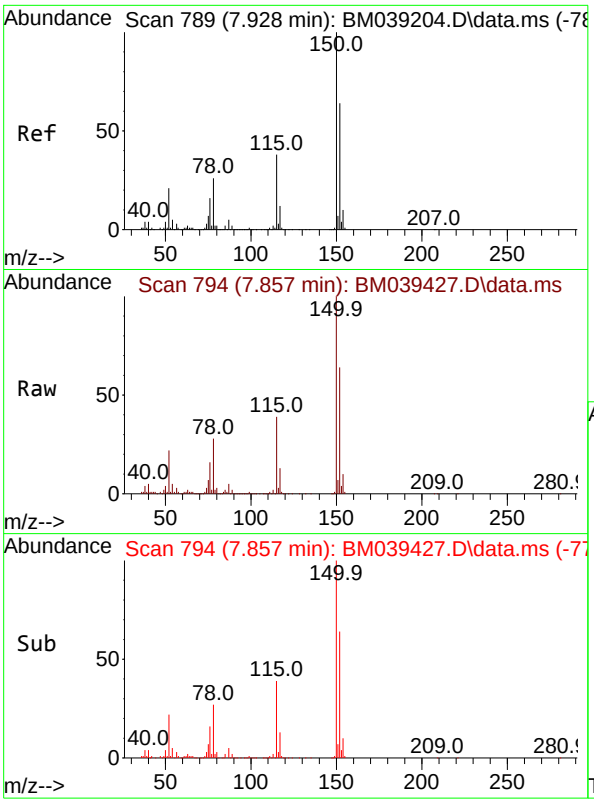
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041323\
Data File : BM039427.D
Acq On : 14 Apr 2023 01:13
Operator : CG/JU
Sample : 02262-07DL 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JPP-1-040723DL

Quant Time: Apr 14 05:20:39 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



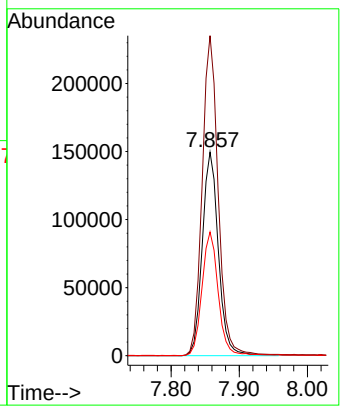


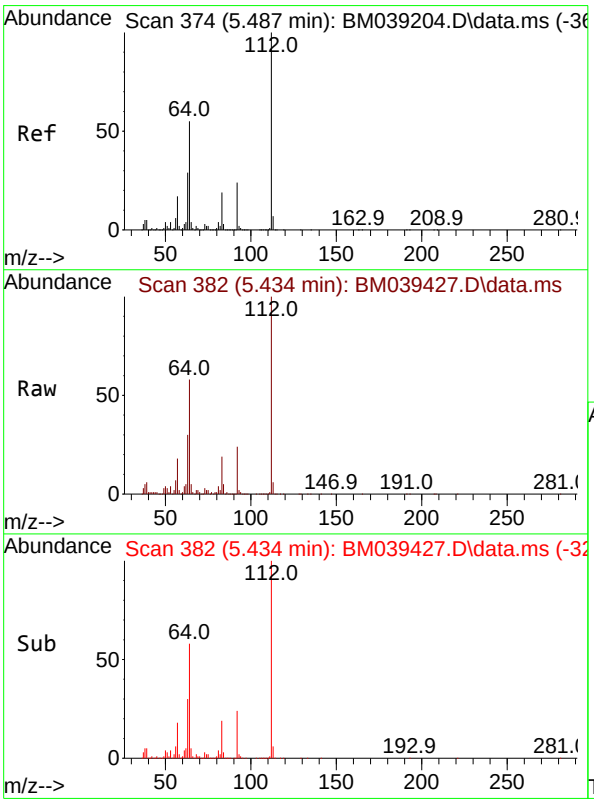
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.857 min Scan# 7
Delta R.T. -0.006 min
Lab File: BM039427.D
Acq: 14 Apr 2023 01:13

Instrument :
BNA_M
ClientSampleId :
JPP-1-040723DL

Tgt Ion:152 Resp: 246405

Ion	Ratio	Lower	Upper
152	100		
150	157.2	125.5	188.3
115	60.8	48.1	72.1

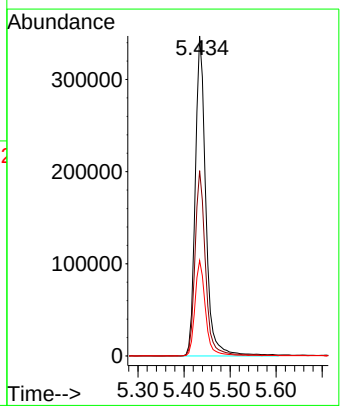


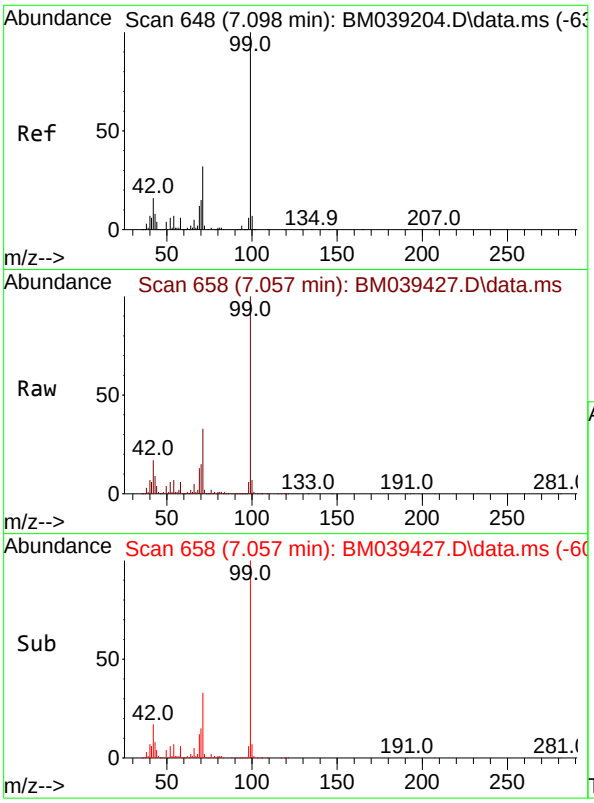


#5
2-Fluorophenol
Concen: 33.800 ng
RT: 5.434 min Scan# 382
Delta R.T. 0.012 min
Lab File: BM039427.D
Acq: 14 Apr 2023 01:13

Tgt Ion:112 Resp: 552795

Ion	Ratio	Lower	Upper
112	100		
64	57.9	44.3	66.5
63	29.8	23.0	34.6



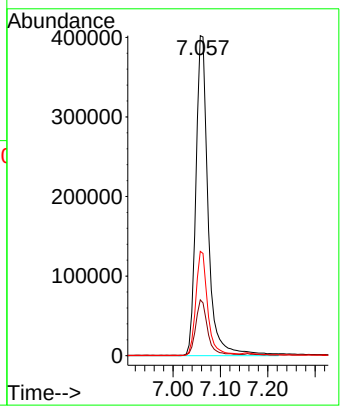


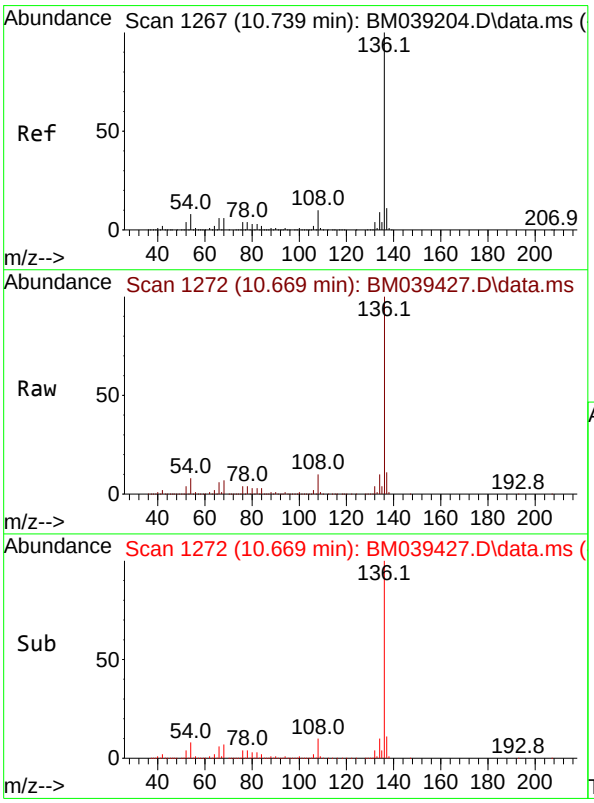
#7
Phenol-d6
Concen: 34.263 ng
RT: 7.057 min Scan# 6
Delta R.T. 0.024 min
Lab File: BM039427.D
Acq: 14 Apr 2023 01:13

Instrument :
BNA_M
ClientSampleId :
JPP-1-040723DL

Tgt Ion: 99 Resp: 724788

Ion	Ratio	Lower	Upper
99	100		
42	17.5	13.0	19.6
71	32.6	25.5	38.3

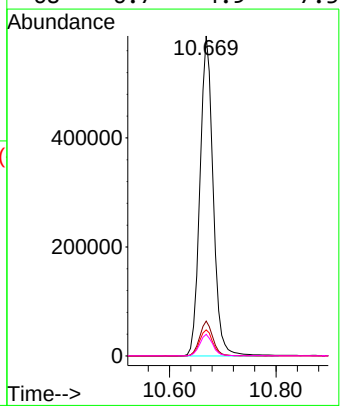


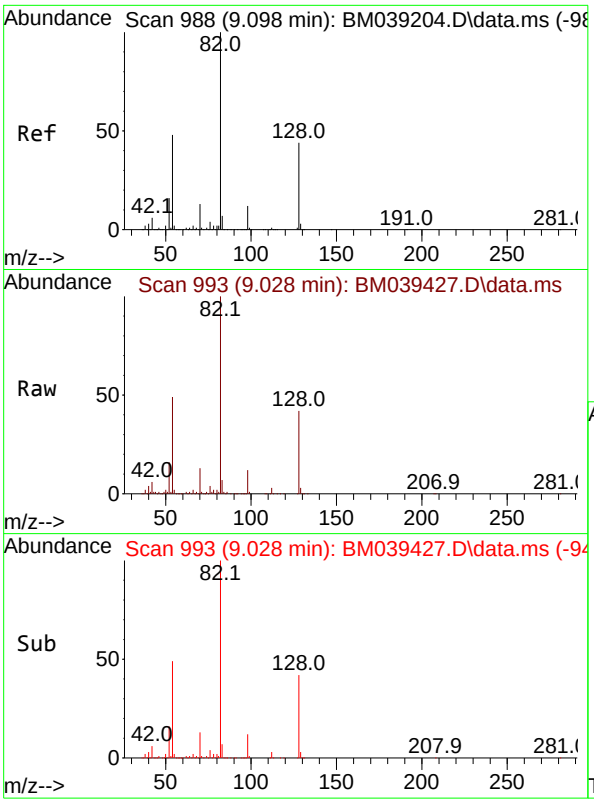


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.669 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BM039427.D
Acq: 14 Apr 2023 01:13

Tgt Ion:136 Resp: 1011538

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.1	6.2	9.4
68	6.7	4.9	7.3



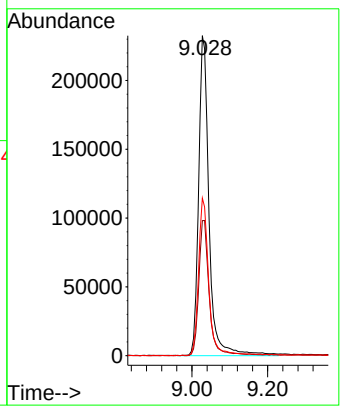


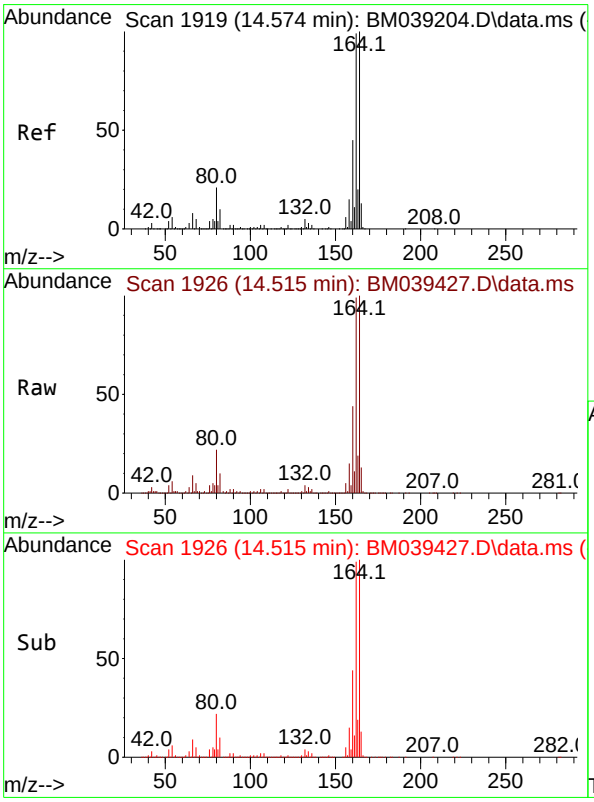
#23
Nitrobenzene-d5
Concen: 21.331 ng
RT: 9.028 min Scan# 9
Delta R.T. -0.006 min
Lab File: BM039427.D
Acq: 14 Apr 2023 01:13

Instrument :
BNA_M
ClientSampleId :
JPP-1-040723DL

Tgt Ion: 82 Resp: 443946

Ion	Ratio	Lower	Upper
82	100		
128	42.2	35.1	52.7
54	49.2	38.5	57.7

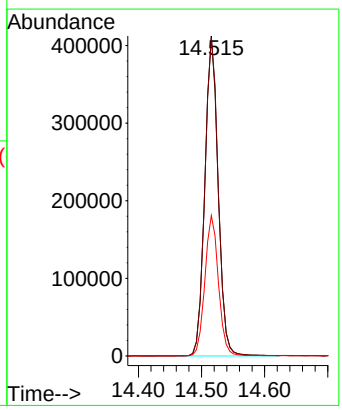


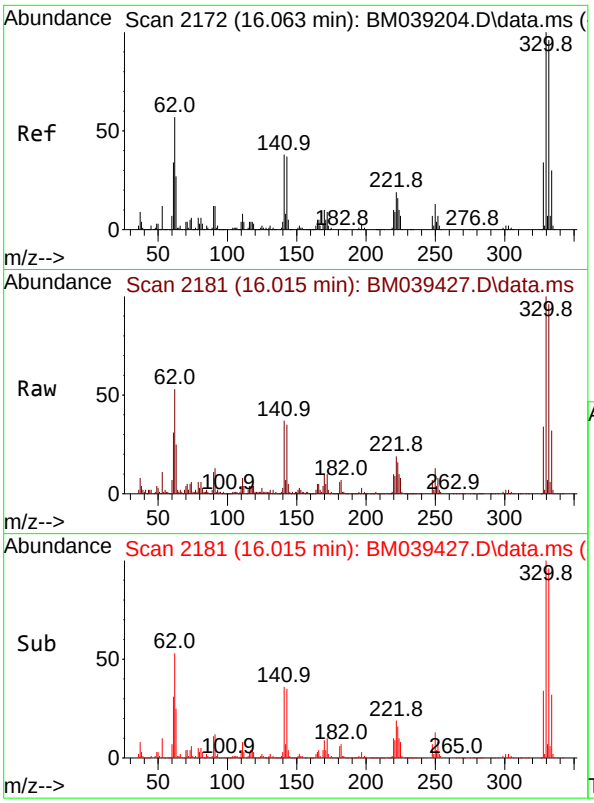


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.515 min Scan# 1926
Delta R.T. -0.000 min
Lab File: BM039427.D
Acq: 14 Apr 2023 01:13

Tgt Ion:164 Resp: 604386

Ion	Ratio	Lower	Upper
164	100		
162	99.4	79.1	118.7
160	43.9	35.8	53.8



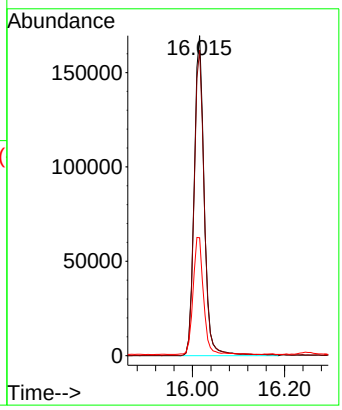


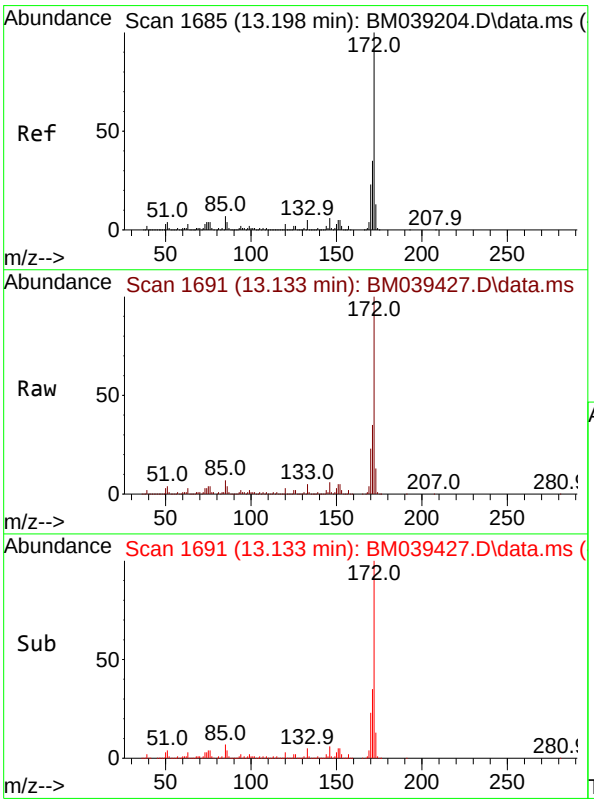
#42
2,4,6-Tribromophenol
Concen: 33.340 ng
RT: 16.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM039427.D
Acq: 14 Apr 2023 01:13

Instrument :
BNA_M
ClientSampleId :
JPP-1-040723DL

Tgt Ion:330 Resp: 255788

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.4	116.0
141	37.9	29.8	44.6

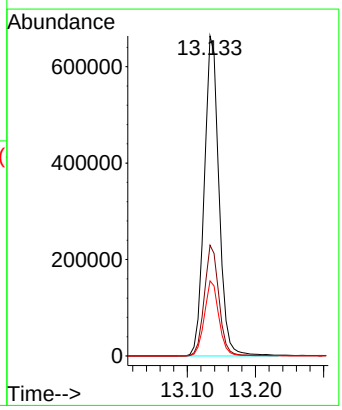


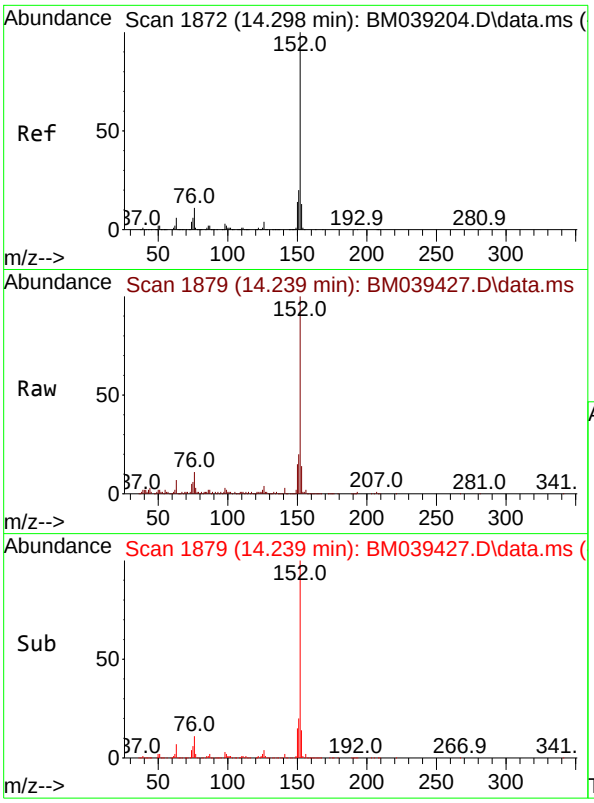


#45
2-Fluorobiphenyl
Concen: 22.339 ng
RT: 13.133 min Scan# 1691
Delta R.T. -0.006 min
Lab File: BM039427.D
Acq: 14 Apr 2023 01:13

Tgt Ion:172 Resp: 996498

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.0	42.0
170	23.5	18.7	28.1



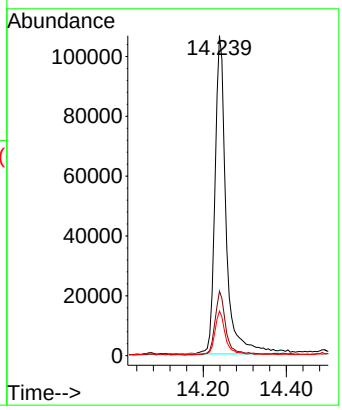


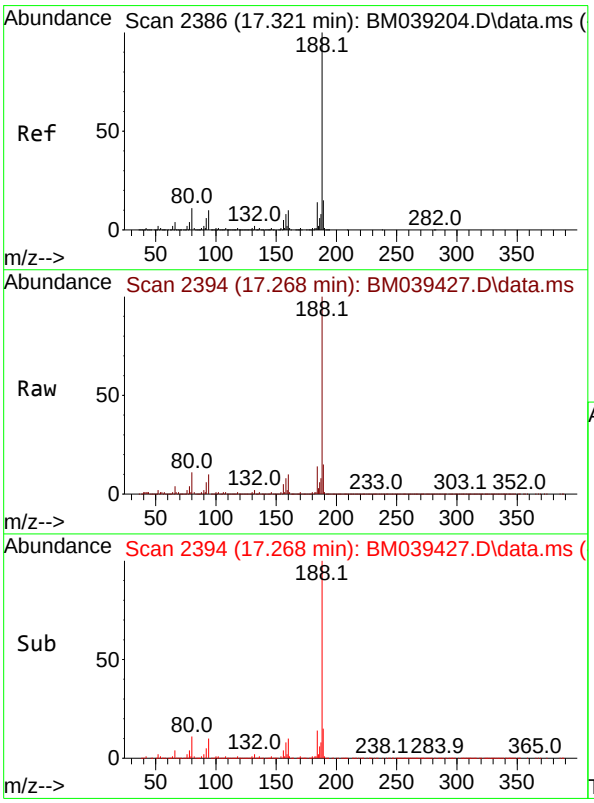
#49
Acenaphthylene
Concen: 3.325 ng
RT: 14.239 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM039427.D
Acq: 14 Apr 2023 01:13

Instrument :
BNA_M
ClientSampleId :
JPP-1-040723DL

Tgt Ion:152 Resp: 197483

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.7	23.5
153	14.0	10.3	15.5

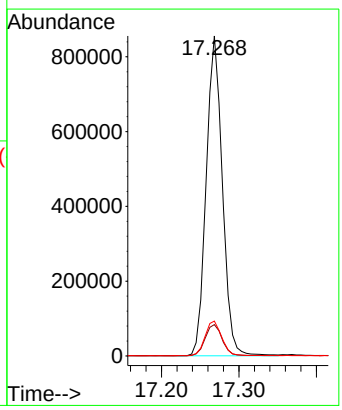


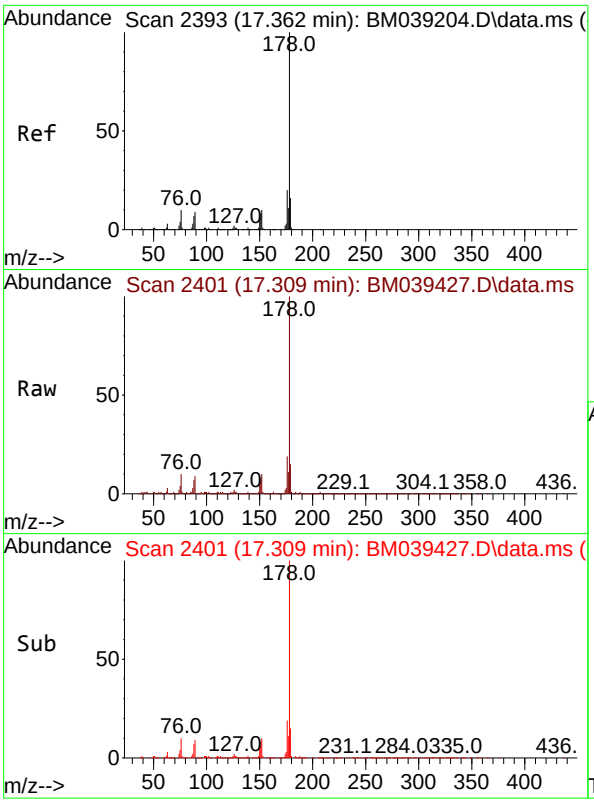


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.268 min Scan# 2394
Delta R.T. -0.000 min
Lab File: BM039427.D
Acq: 14 Apr 2023 01:13

Tgt Ion:188 Resp: 1241425

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.2	12.4
80	10.9	8.9	13.3



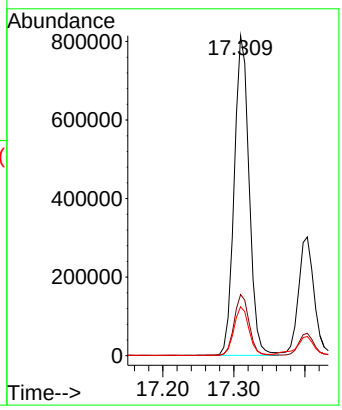


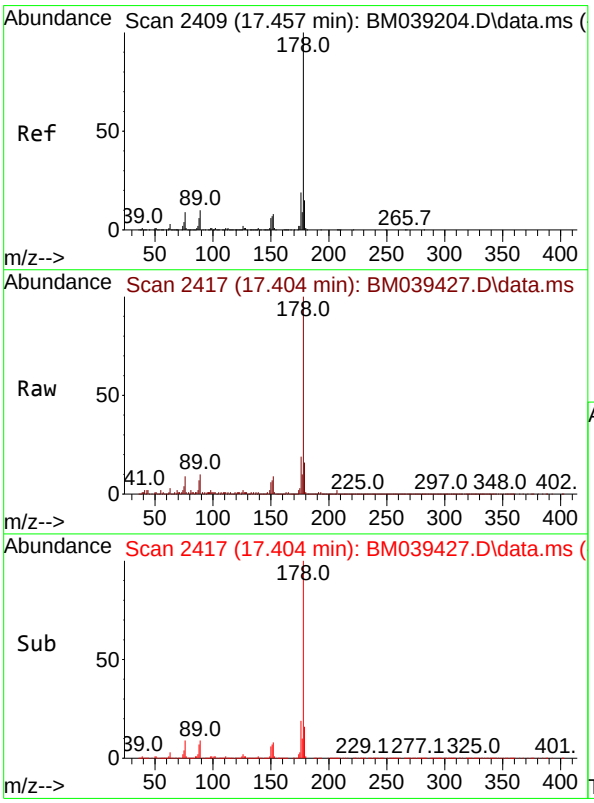
#71
Phenanthrene
Concen: 17.470 ng
RT: 17.309 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM039427.D
Acq: 14 Apr 2023 01:13

Instrument :
BNA_M
ClientSampleId :
JPP-1-040723DL

Tgt Ion:178 Resp: 1187794

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.7	23.5
179	15.3	12.4	18.6

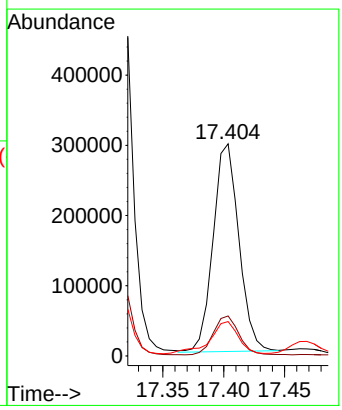


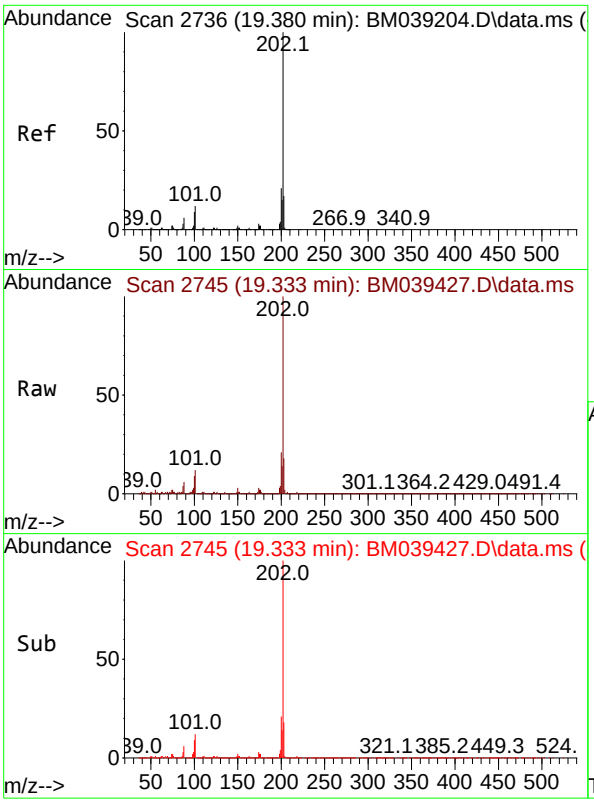


#72
Anthracene
Concen: 6.281 ng
RT: 17.404 min Scan# 2417
Delta R.T. -0.000 min
Lab File: BM039427.D
Acq: 14 Apr 2023 01:13

Tgt Ion:178 Resp: 435467

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	16.2	12.2	18.2



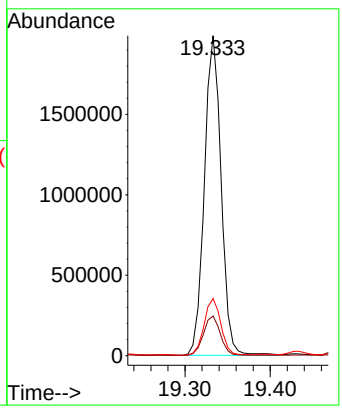


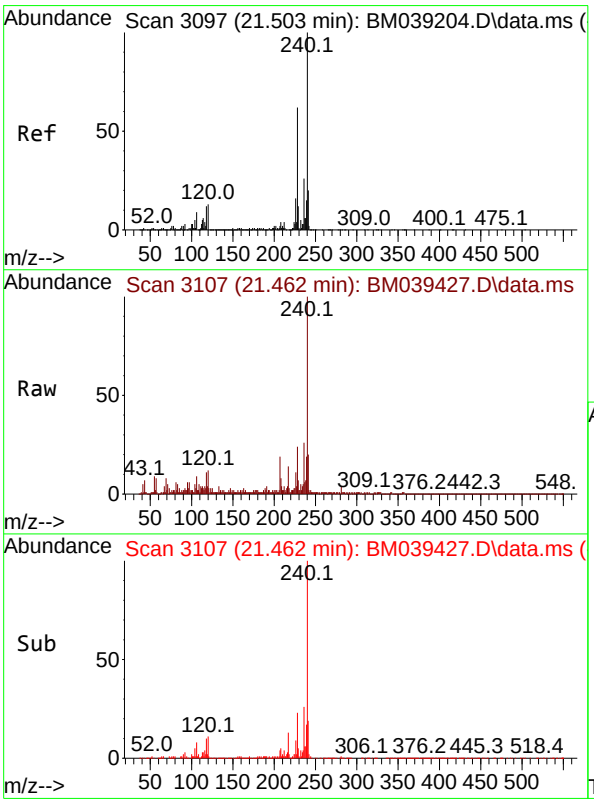
#75
Fluoranthene
Concen: 34.946 ng
RT: 19.333 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM039427.D
Acq: 14 Apr 2023 01:13

Instrument :
BNA_M
ClientSampleId :
JPP-1-040723DL

Tgt Ion:202 Resp: 2708448

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	32.5
203	17.9	0.0	37.5

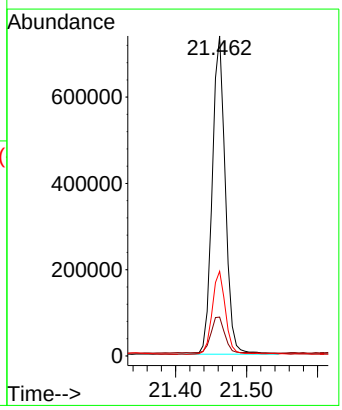


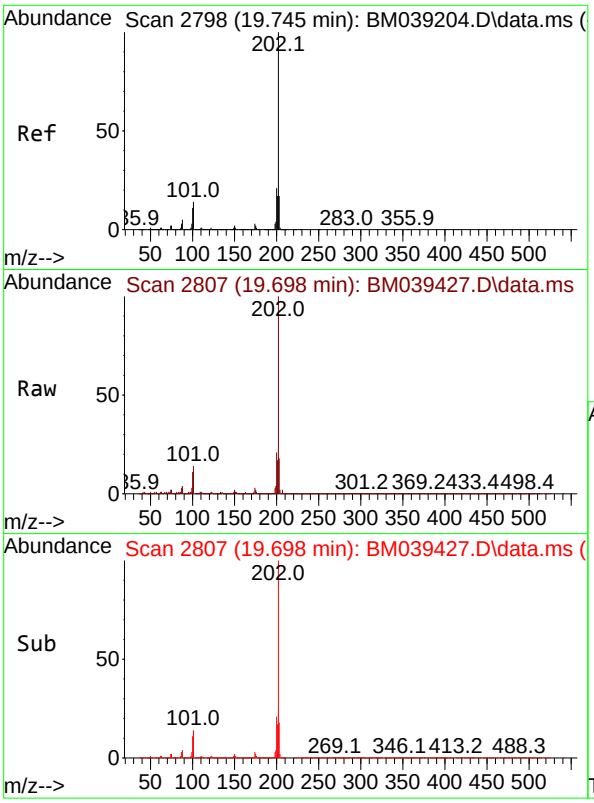


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.462 min Scan# 3107
Delta R.T. -0.000 min
Lab File: BM039427.D
Acq: 14 Apr 2023 01:13

Tgt Ion:240 Resp: 941564

Ion	Ratio	Lower	Upper
240	100		
120	12.1	10.2	15.2
236	26.4	20.9	31.3



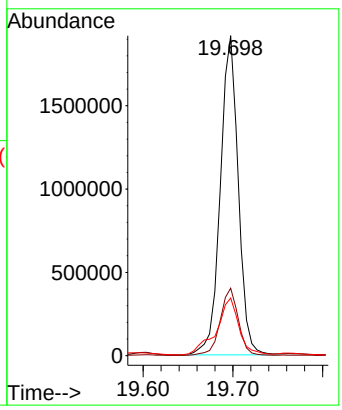


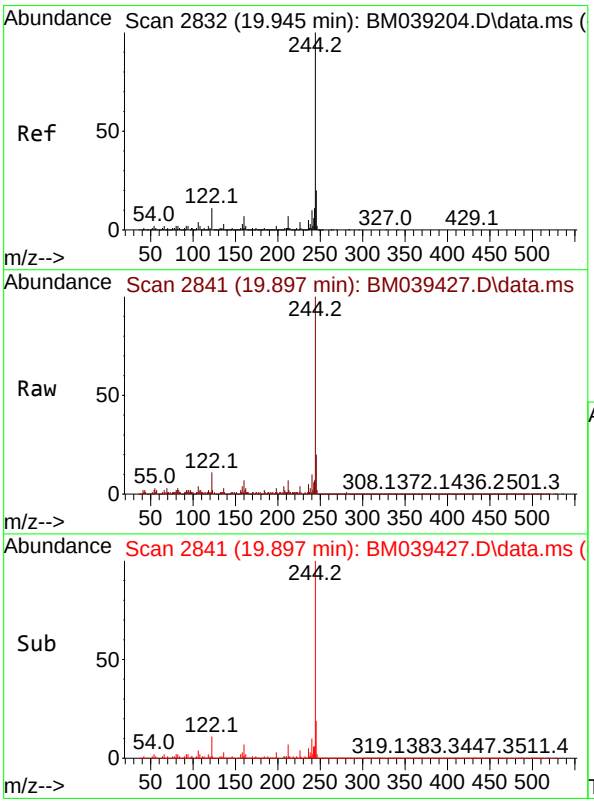
#78
Pyrene
Concen: 39.811 ng
RT: 19.698 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM039427.D
Acq: 14 Apr 2023 01:13

Instrument :
BNA_M
ClientSampleId :
JPP-1-040723DL

Tgt Ion:202 Resp: 2668528

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.1	25.7
203	18.0	13.9	20.9

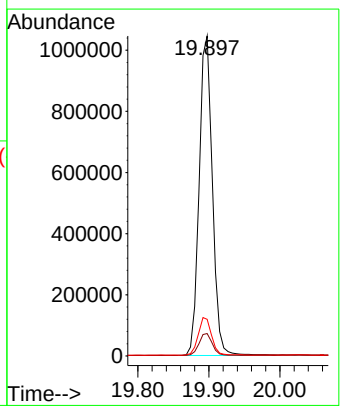


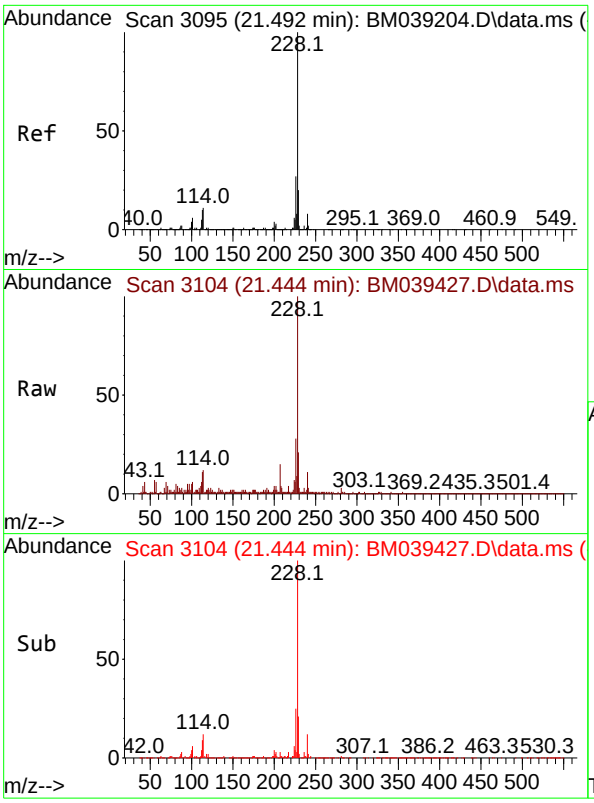


#79
Terphenyl-d14
Concen: 26.668 ng
RT: 19.897 min Scan# 2841
Delta R.T. -0.000 min
Lab File: BM039427.D
Acq: 14 Apr 2023 01:13

Tgt Ion:244 Resp: 1359054

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	11.4	9.1	13.7



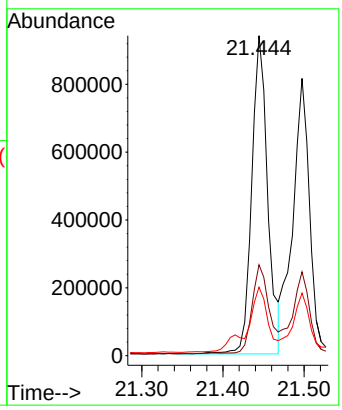


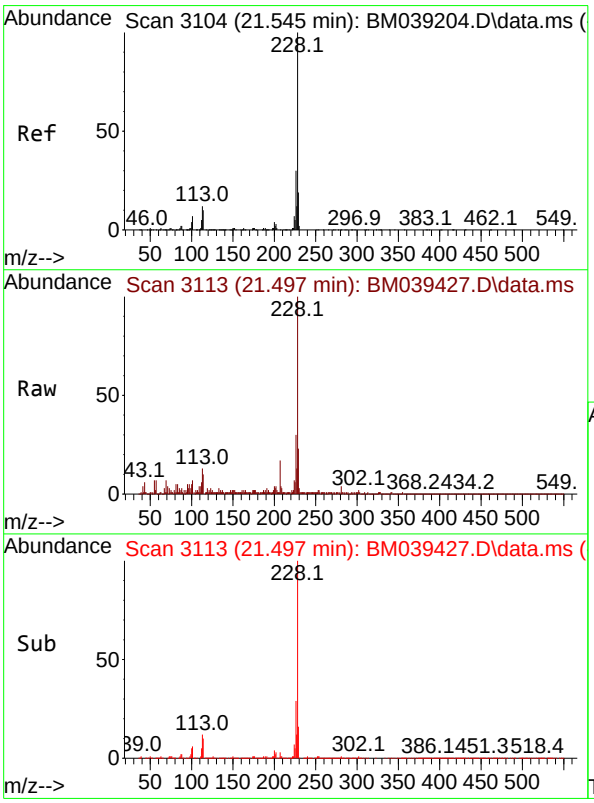
#81
Benzo(a)anthracene
Concen: 19.357 ng
RT: 21.444 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM039427.D
Acq: 14 Apr 2023 01:13

Instrument :
BNA_M
ClientSampleId :
JPP-1-040723DL

Tgt Ion:228 Resp: 1285398

Ion	Ratio	Lower	Upper
228	100		
226	28.4	21.9	32.9
229	21.4	15.8	23.6

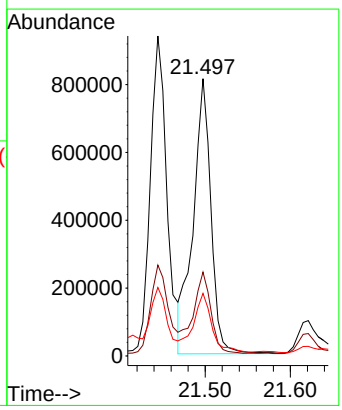


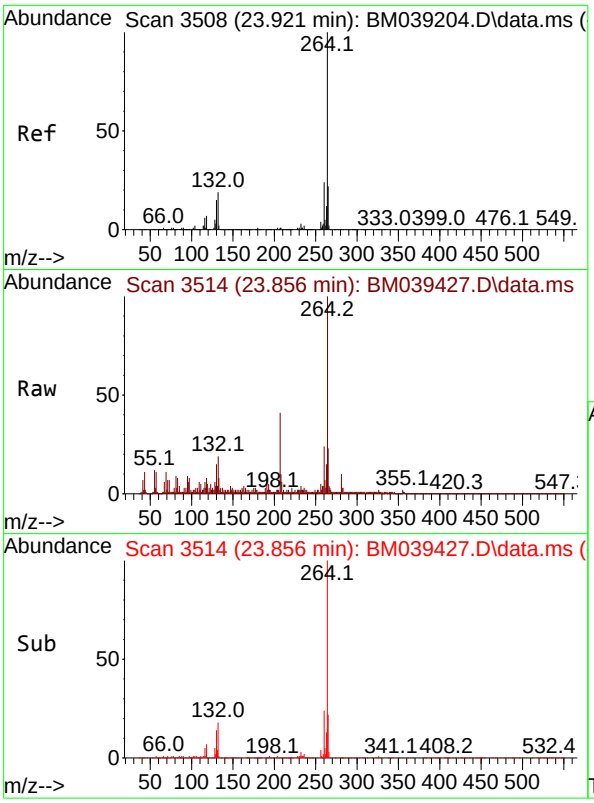


#83
Chrysene
Concen: 18.364 ng
RT: 21.497 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BM039427.D
Acq: 14 Apr 2023 01:13

Tgt Ion:228 Resp: 1177221

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.1	36.1
229	22.6	15.5	23.3



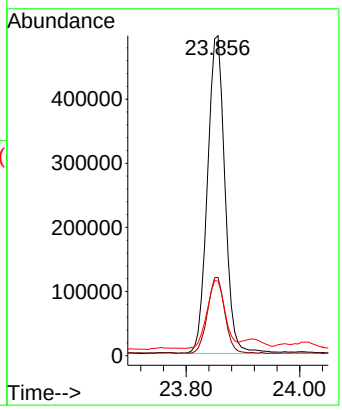


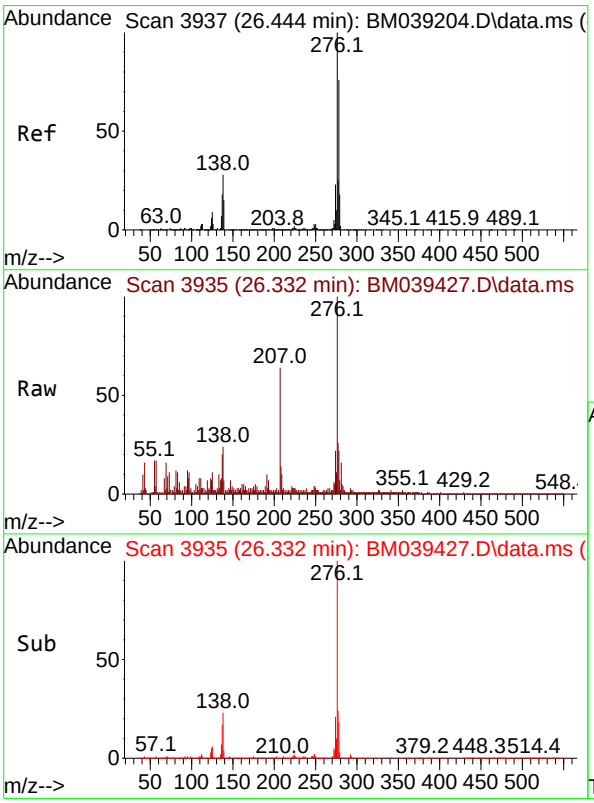
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.856 min Scan# 3
Delta R.T. 0.006 min
Lab File: BM039427.D
Acq: 14 Apr 2023 01:13

Instrument :
BNA_M
ClientSampleId :
JPP-1-040723DL

Tgt Ion:264 Resp: 1055987

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.0	28.6
265	23.3	18.1	27.1

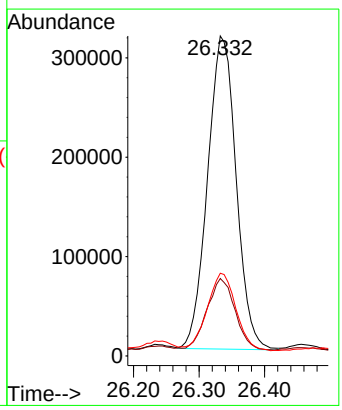


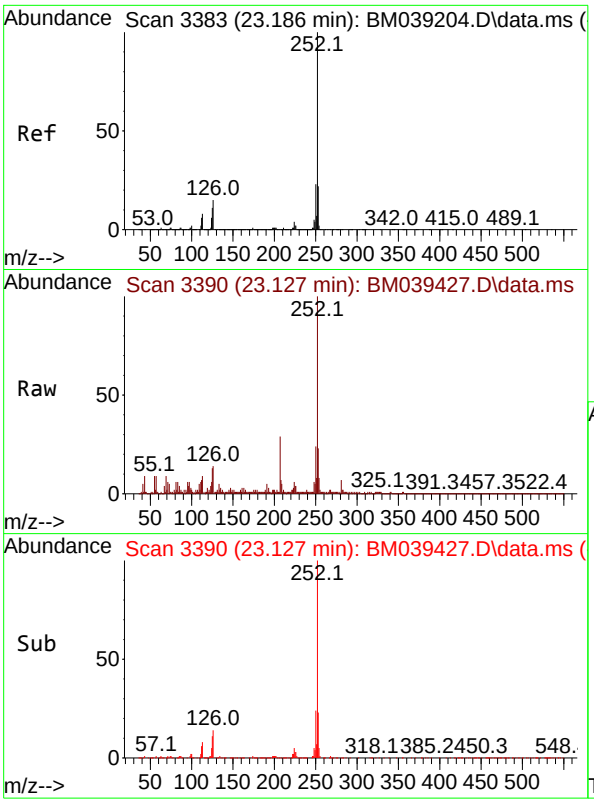


#87
Indeno(1,2,3-cd)pyrene
Concen: 12.271 ng
RT: 26.332 min Scan# 3935
Delta R.T. -0.006 min
Lab File: BM039427.D
Acq: 14 Apr 2023 01:13

Tgt Ion:276 Resp: 954712

Ion	Ratio	Lower	Upper
276	100		
138	22.8	22.2	33.2
277	24.7	20.2	30.2



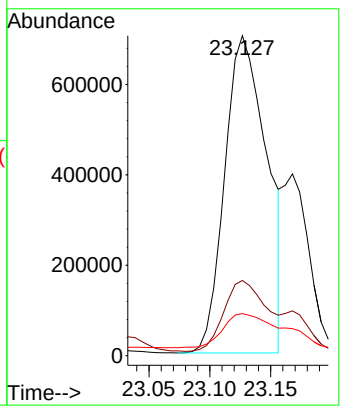


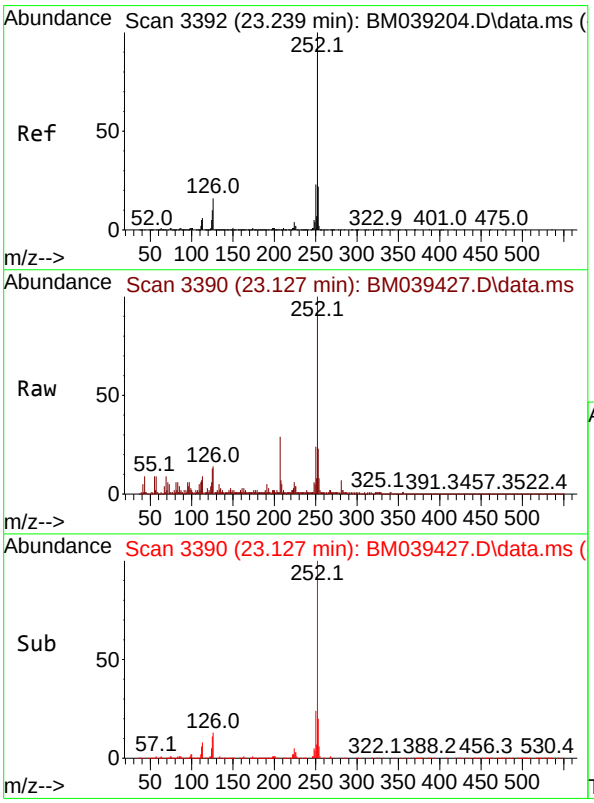
#88
Benzo(b)fluoranthene
Concen: 26.182 ng
RT: 23.127 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM039427.D
Acq: 14 Apr 2023 01:13

Instrument :
BNA_M
ClientSampleId :
JPP-1-040723DL

Tgt Ion:252 Resp: 1691696

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.6	26.4
125	13.1	9.0	13.6

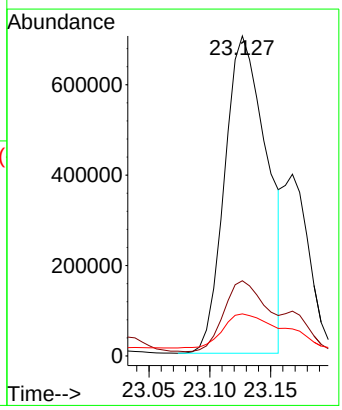


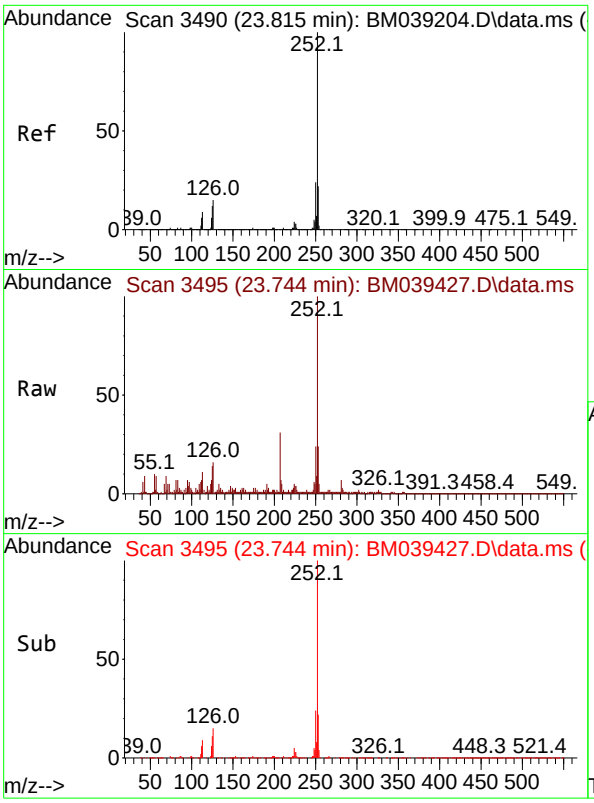


#89
Benzo(k)fluoranthene
Concen: 25.704 ng
RT: 23.127 min Scan# 3390
Delta R.T. -0.047 min
Lab File: BM039427.D
Acq: 14 Apr 2023 01:13

Tgt Ion:252 Resp: 1691696

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.8
125	13.1	8.5	12.7#



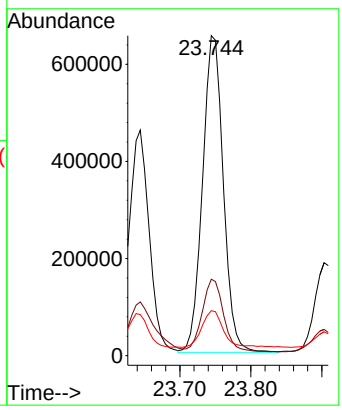


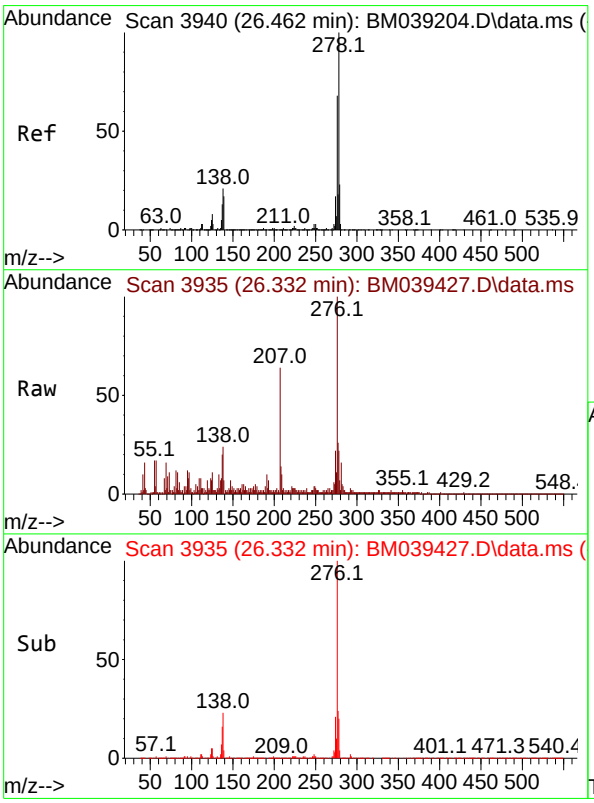
#90
Benzo(a)pyrene
Concen: 20.938 ng
RT: 23.744 min Scan# 34
Delta R.T. -0.006 min
Lab File: BM039427.D
Acq: 14 Apr 2023 01:13

Instrument :
BNA_M
ClientSampleId :
JPP-1-040723DL

Tgt Ion:252 Resp: 1328994

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.6	26.4
125	14.0	9.8	14.6

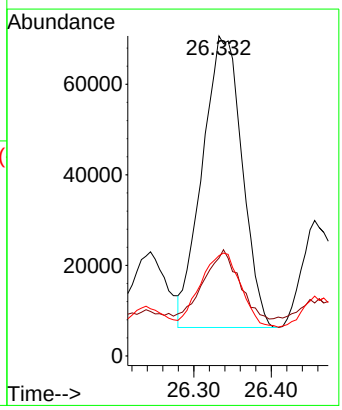


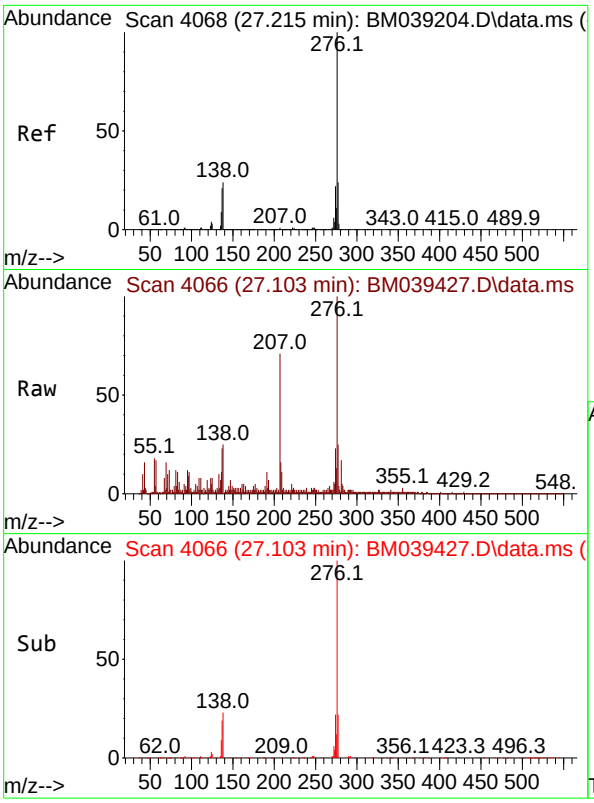


#91
Dibenzo(a,h)anthracene
Concen: 3.518 ng
RT: 26.332 min Scan# 3935
Delta R.T. -0.018 min
Lab File: BM039427.D
Acq: 14 Apr 2023 01:13

Tgt Ion:278 Resp: 229809

Ion	Ratio	Lower	Upper
278	100		
139	30.6	13.9	20.9#
279	31.4	18.8	28.2#





#92
Benzo(g,h,i)perylene
Concen: 15.629 ng
RT: 27.103 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM039427.D
Acq: 14 Apr 2023 01:13

Instrument :
BNA_M
ClientSampleId :
JPP-1-040723DL

Tgt Ion:276 Resp: 1004165

Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.1	28.7
138	24.8	19.5	29.3