Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110123\
Data File : BM042550.D
Acq On : 01 Nov 2023 21:25
Operator : MA/JU
Sample : 05162-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HD-02-10302023

Quant Time: Nov 01 23:45:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 31 02:55:18 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	69974	20.000	ng	0.00
21) Naphthalene-d8	10.745	136	263092	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	157922	20.000	ng	0.00
64) Phenanthrene-d10	17.327	188	339467	20.000	ng	0.00
76) Chrysene-d12	21.509	240	306355	20.000	ng	0.00
86) Perylene-d12	23.938	264	352165	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	66959	15.443	ng	0.00
7) Phenol-d6	7.092	99	83587	14.057	ng	0.00
23) Nitrobenzene-d5	9.122	82	55798	9.887	ng	-0.01
42) 2,4,6-Tribromophenol	16.068	330	31895	15.469	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	102323	8.719	ng	0.00
79) Terphenyl-d14	19.939	244	139525	7.722	ng	0.00
Target Compounds						Qvalue
48) 2-Nitroaniline	13.804	65	60	4.366	ng	# 13
56) 4-Nitrophenol	14.974	139	678	7.234	ng	# 16
57) 2,4-Dinitrotoluene	14.710	165	65	3.987	ng	# 5
75) Fluoranthene	19.386	202	44753	2.148	ng	97
78) Pyrene	19.750	202	44971	2.138	ng	# 92
88) Benzo(b)fluoranthene	23.191	252	42581	2.170	ng	# 68
91) Dibenzo(a,h)anthracene	26.491	278	11127	4.663	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110123\
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Acq On : 01 Nov 2023 21:25
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Instrument :
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HD-02-10302023

Quant Time: Nov 01 23:45:22 2023
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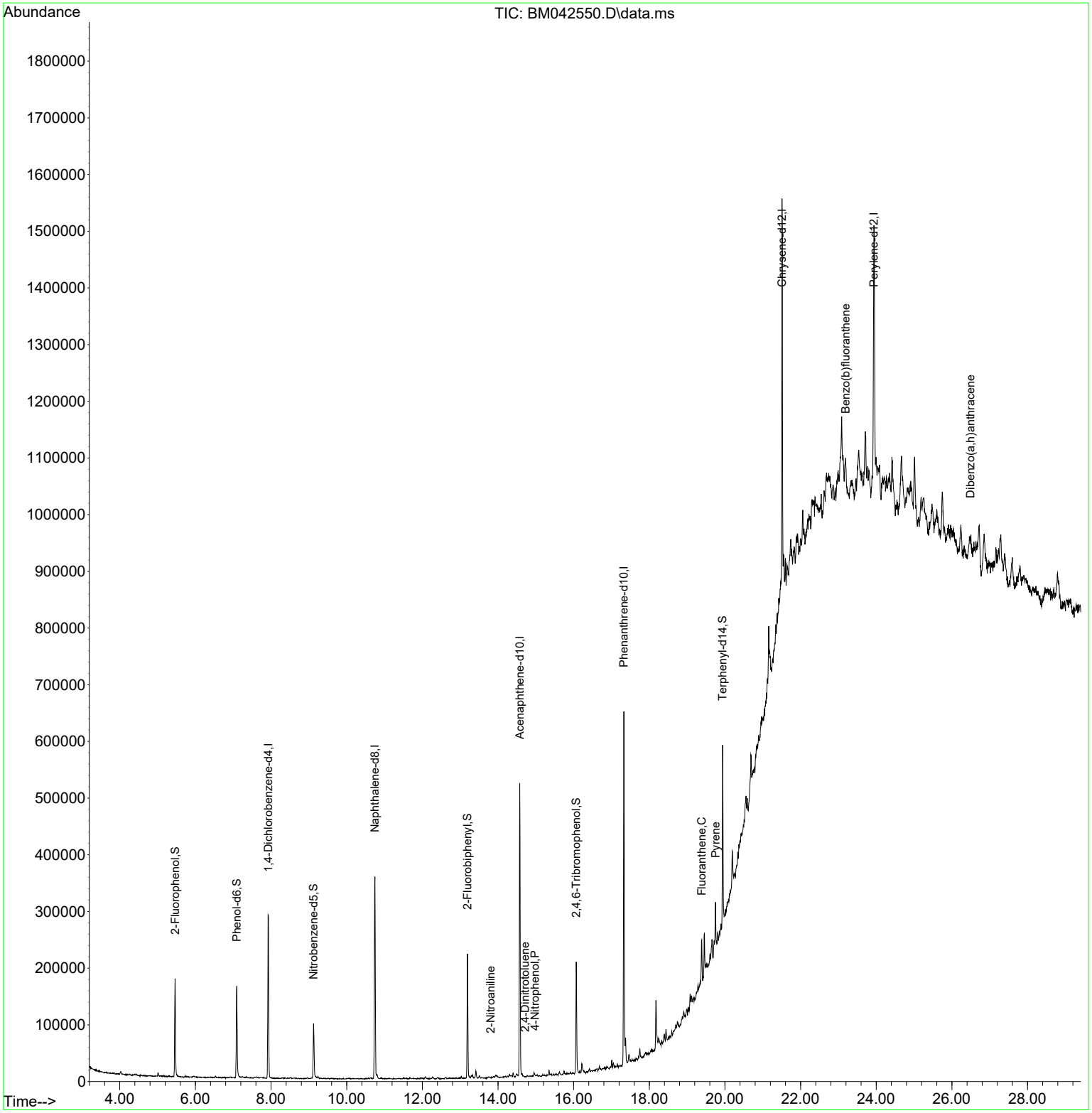
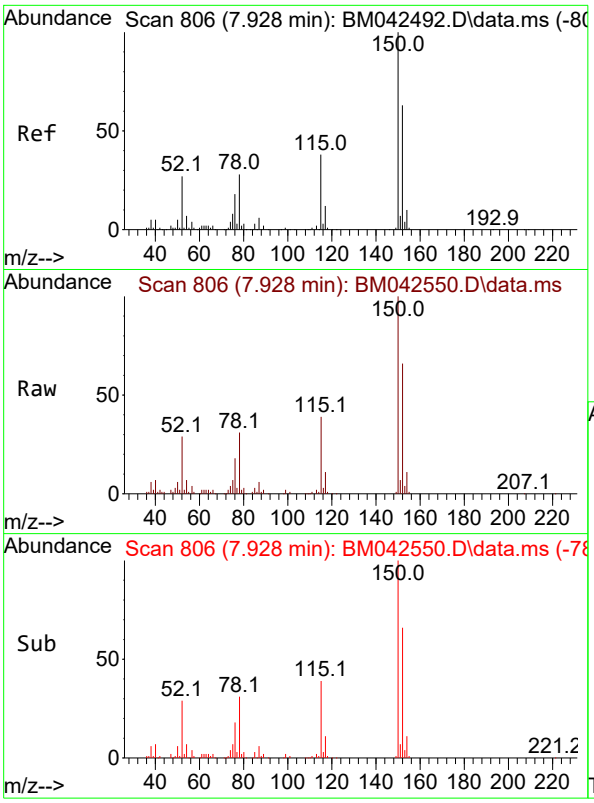
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 31 02:55:18 2023
Response via : Initial Calibration



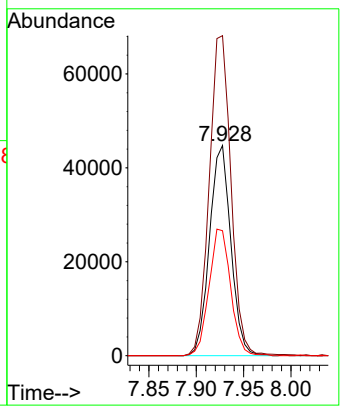


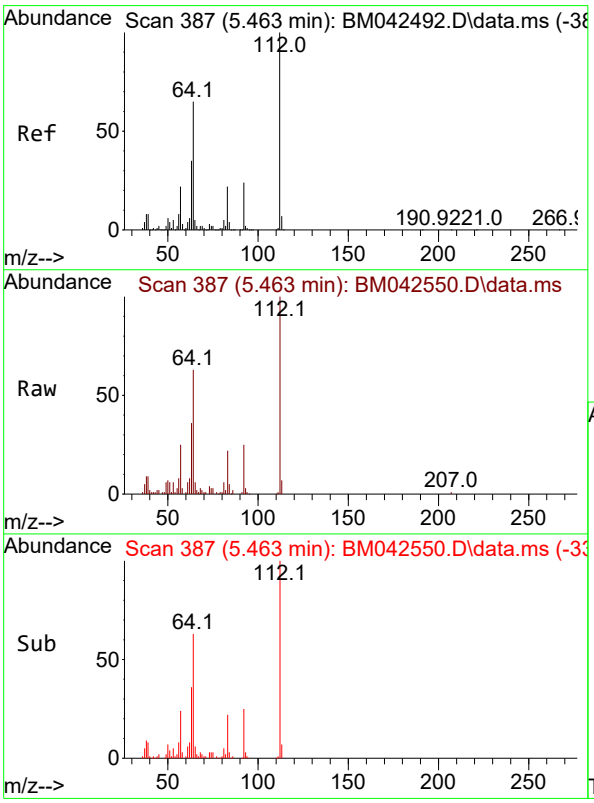
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.928 min Scan# 80
Delta R.T. -0.000 min
Lab File: BM042550.D
Acq: 01 Nov 2023 21:25

Instrument :
BNA_M
ClientSampleId :
HD-02-10302023

Tgt Ion:152 Resp: 69974

Ion	Ratio	Lower	Upper
152	100		
150	152.2	127.4	191.0
115	59.4	47.9	71.9

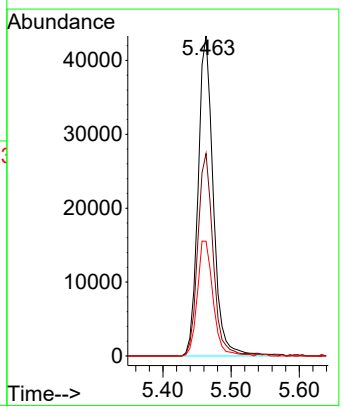


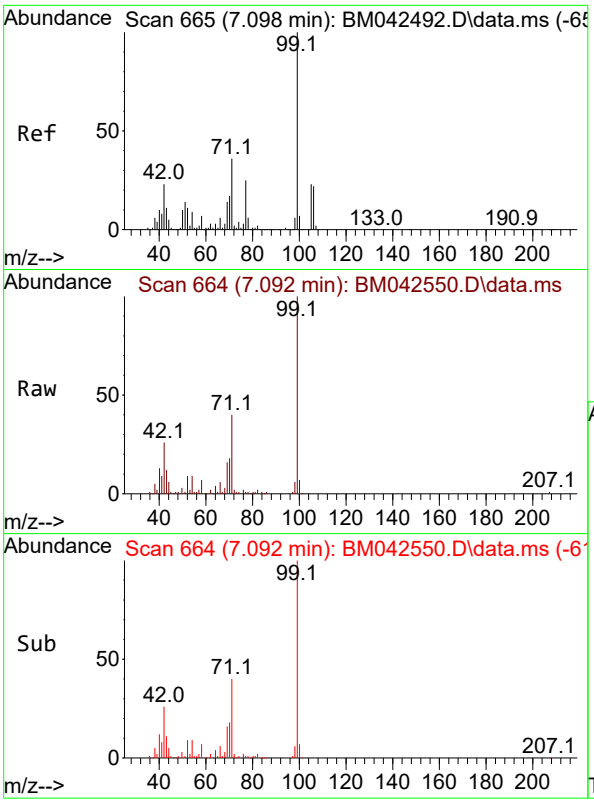


#5
2-Fluorophenol
Concen: 15.443 ng
RT: 5.463 min Scan# 387
Delta R.T. -0.000 min
Lab File: BM042550.D
Acq: 01 Nov 2023 21:25

Tgt Ion:112 Resp: 66959

Ion	Ratio	Lower	Upper
112	100		
64	63.2	52.1	78.1
63	35.8	28.3	42.5



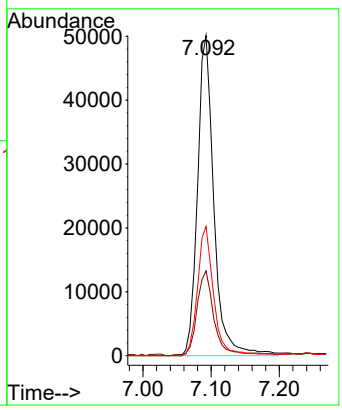


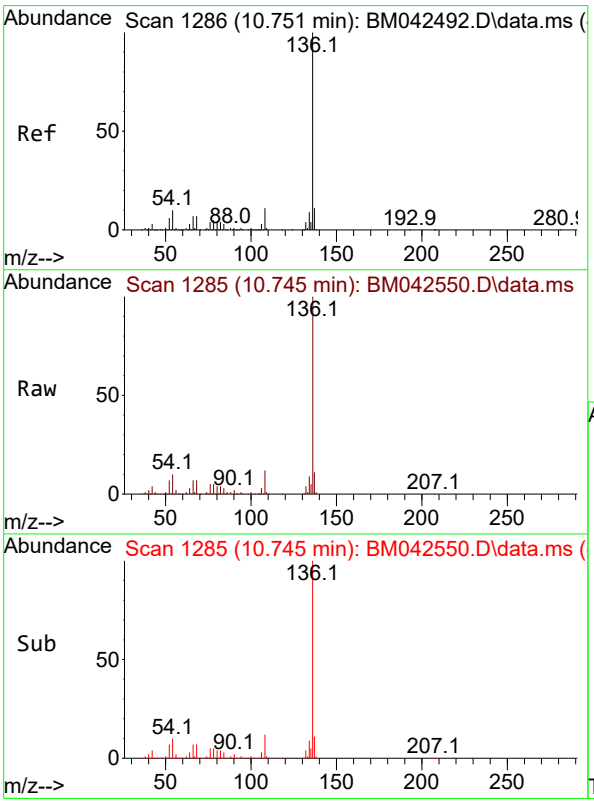
#7
Phenol-d6
Concen: 14.057 ng
RT: 7.092 min Scan# 6
Delta R.T. -0.006 min
Lab File: BM042550.D
Acq: 01 Nov 2023 21:25

Instrument :
BNA_M
ClientSampleId :
HD-02-10302023

Tgt Ion: 99 Resp: 83587

Ion	Ratio	Lower	Upper
99	100		
42	26.5	18.7	28.1
71	40.3	29.1	43.7

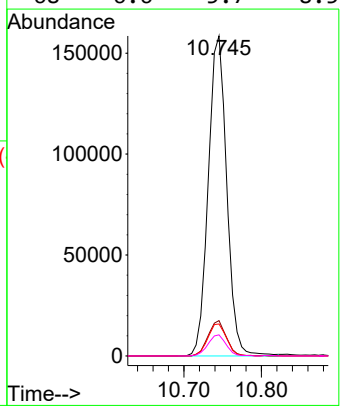


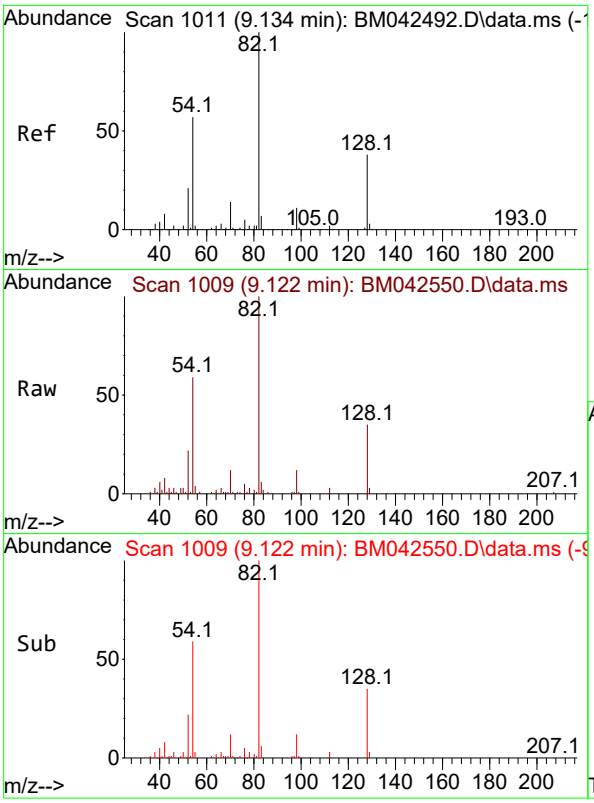


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.745 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BM042550.D
Acq: 01 Nov 2023 21:25

Tgt Ion:136 Resp: 263092

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	10.0	8.0	12.0
68	6.6	5.7	8.5



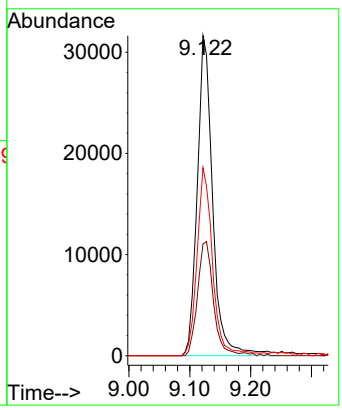


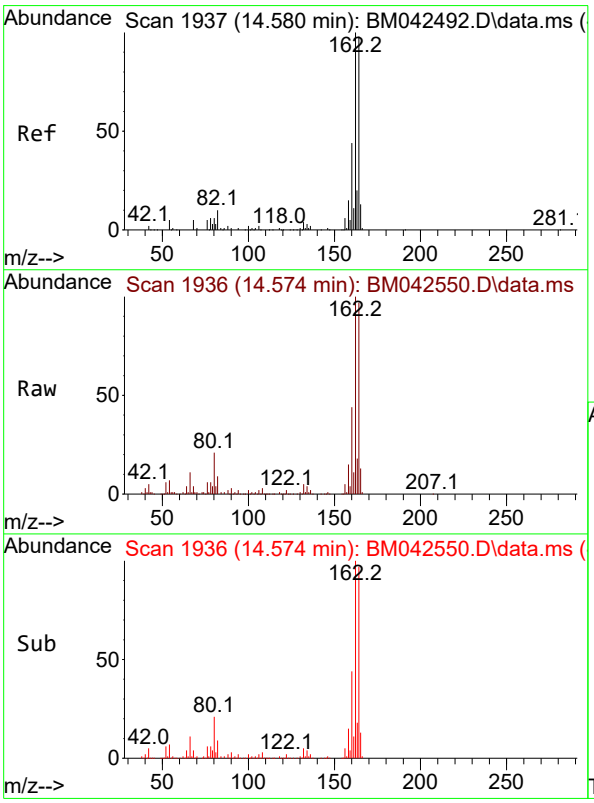
#23
Nitrobenzene-d5
Concen: 9.887 ng
RT: 9.122 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM042550.D
Acq: 01 Nov 2023 21:25

Instrument :
BNA_M
ClientSampleId :
HD-02-10302023

Tgt Ion: 82 Resp: 55798

Ion	Ratio	Lower	Upper
82	100		
128	34.9	30.7	46.1
54	58.7	45.3	67.9

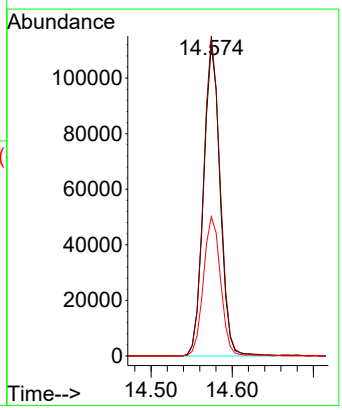


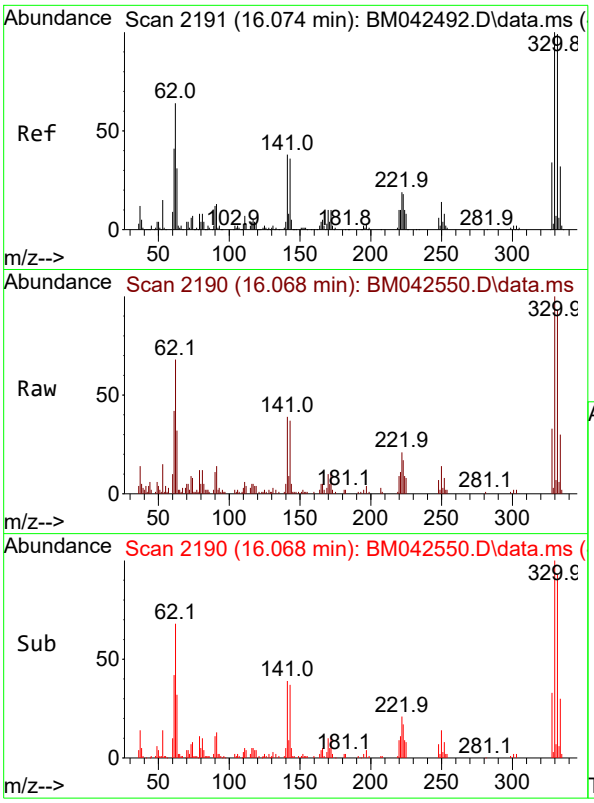


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.574 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BM042550.D
Acq: 01 Nov 2023 21:25

Tgt Ion:164 Resp: 157922

Ion	Ratio	Lower	Upper
164	100		
162	102.9	81.6	122.4
160	44.8	36.2	54.4



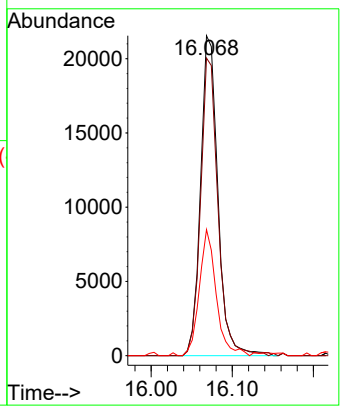


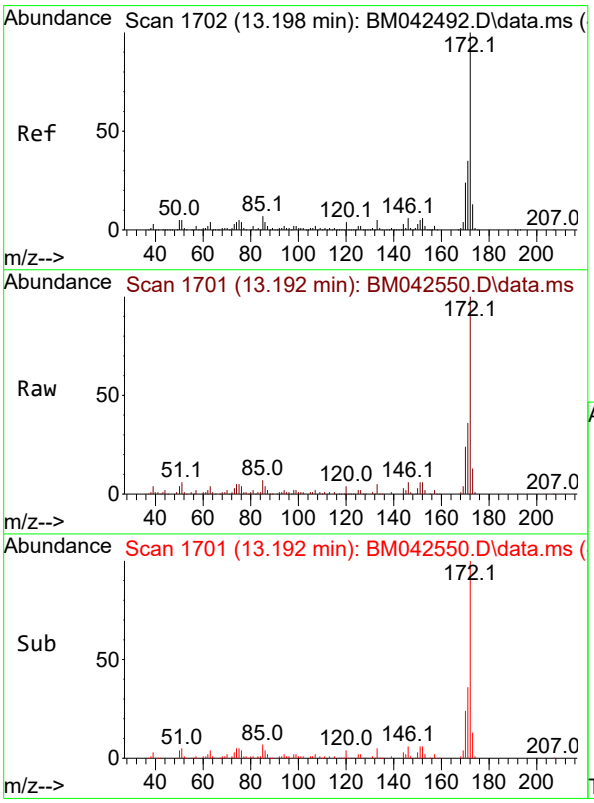
#42
2,4,6-Tribromophenol
Concen: 15.469 ng
RT: 16.068 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042550.D
Acq: 01 Nov 2023 21:25

Instrument :
BNA_M
ClientSampleId :
HD-02-10302023

Tgt Ion:330 Resp: 31895

Ion	Ratio	Lower	Upper
330	100		
332	92.9	78.8	118.2
141	38.4	31.1	46.7

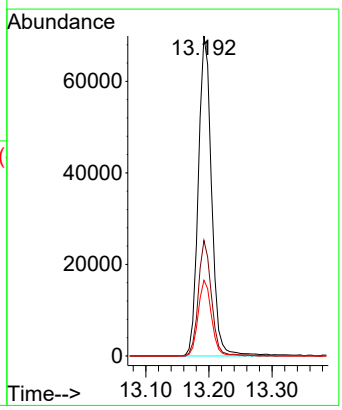


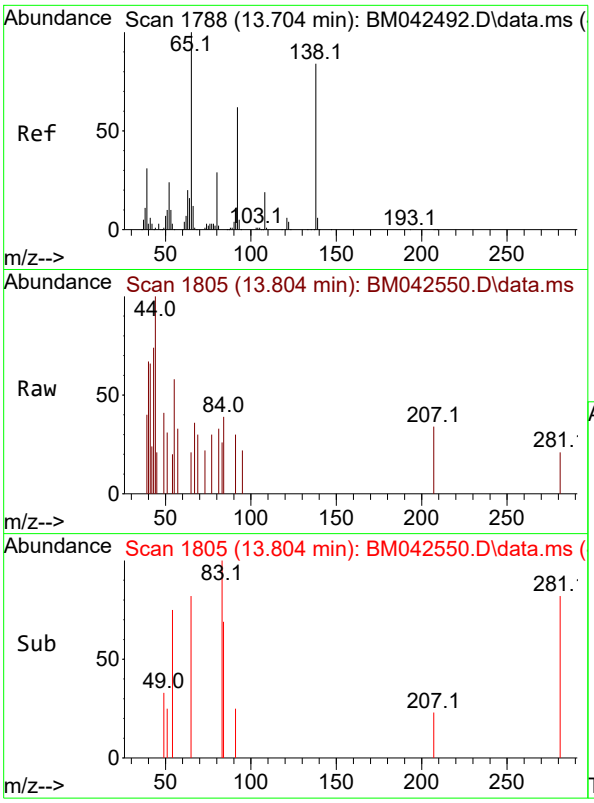


#45
2-Fluorobiphenyl
Concen: 8.719 ng
RT: 13.192 min Scan# 1701
Delta R.T. -0.006 min
Lab File: BM042550.D
Acq: 01 Nov 2023 21:25

Tgt Ion:172 Resp: 102323

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.2	42.2
170	23.7	19.0	28.4



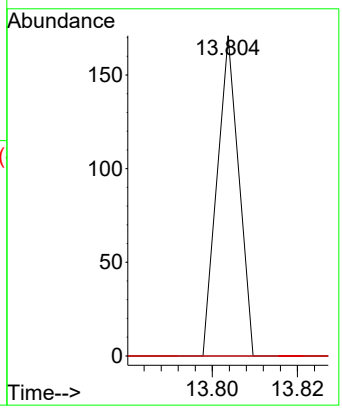


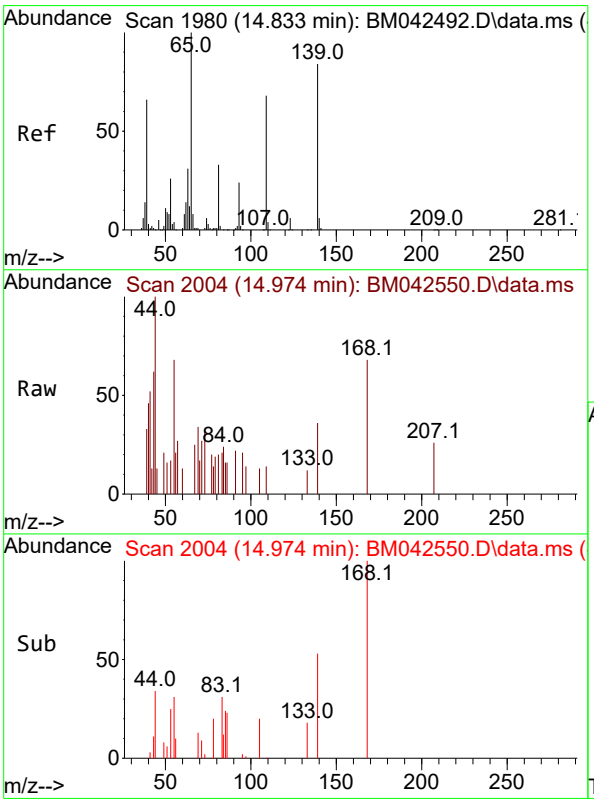
#48
2-Nitroaniline
Concen: 4.366 ng
RT: 13.804 min Scan# 1
Delta R.T. 0.100 min
Lab File: BM042550.D
Acq: 01 Nov 2023 21:25

Instrument :
BNA_M
ClientSampleId :
HD-02-10302023

Tgt Ion: 65 Resp: 60

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

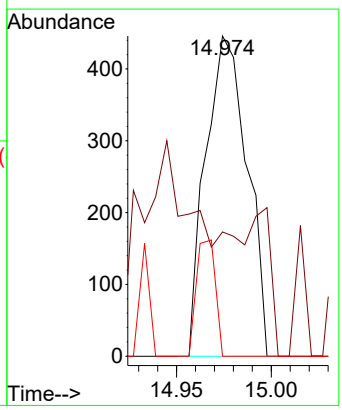


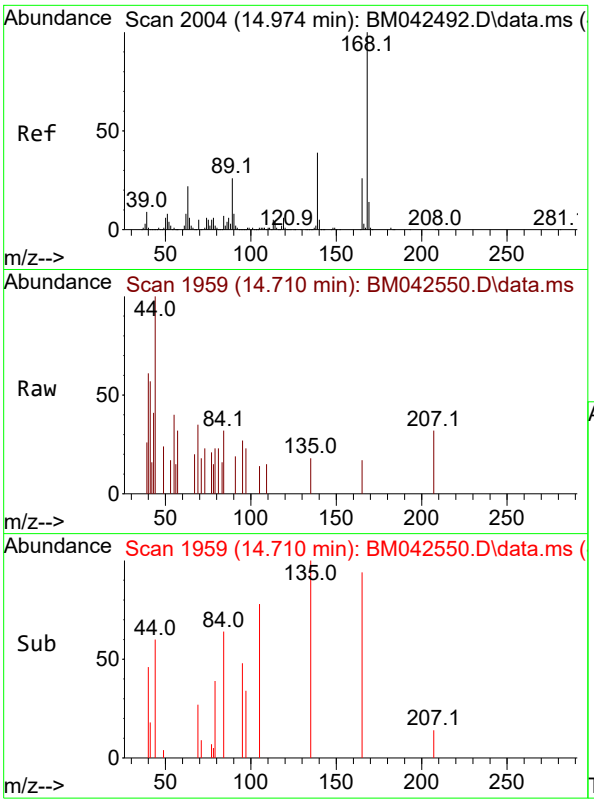


#56
4-Nitrophenol
Concen: 7.234 ng
RT: 14.974 min Scan# 2004
Delta R.T. 0.141 min
Lab File: BM042550.D
Acq: 01 Nov 2023 21:25

Tgt Ion:139 Resp: 678

Ion	Ratio	Lower	Upper
139	100		
109	38.8	61.3	101.3#
65	0.0	100.2	140.2#



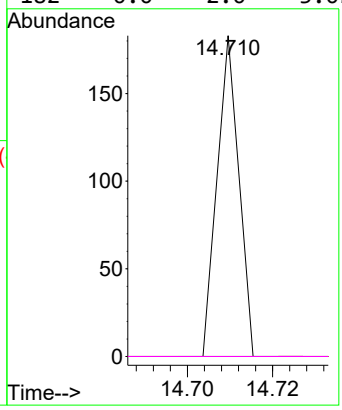


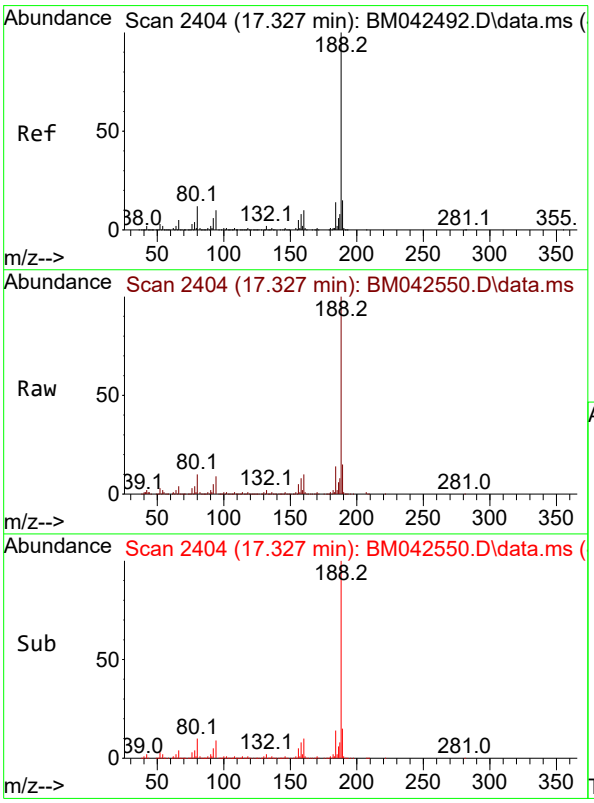
#57
2,4-Dinitrotoluene
Concen: 3.987 ng
RT: 14.710 min Scan# 1
Delta R.T. -0.264 min
Lab File: BM042550.D
Acq: 01 Nov 2023 21:25

Instrument :
BNA_M
ClientSampleId :
HD-02-10302023

Tgt Ion:165 Resp: 65

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

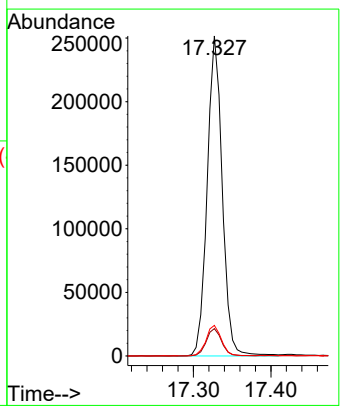


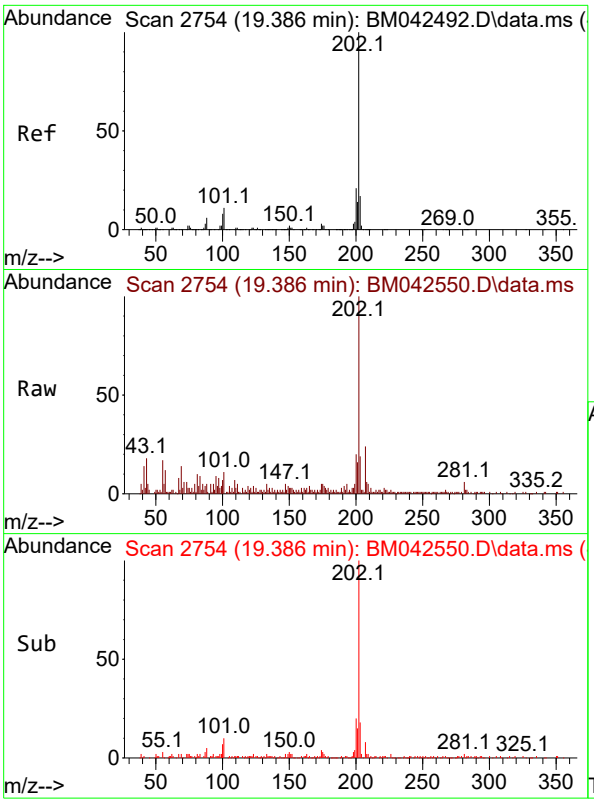


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.327 min Scan# 2404
Delta R.T. 0.000 min
Lab File: BM042550.D
Acq: 01 Nov 2023 21:25

Tgt Ion:188 Resp: 339467

Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.2	12.4
80	9.6	9.4	14.2



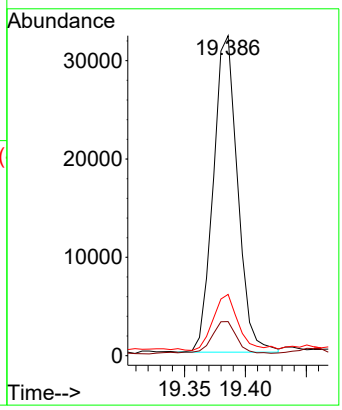


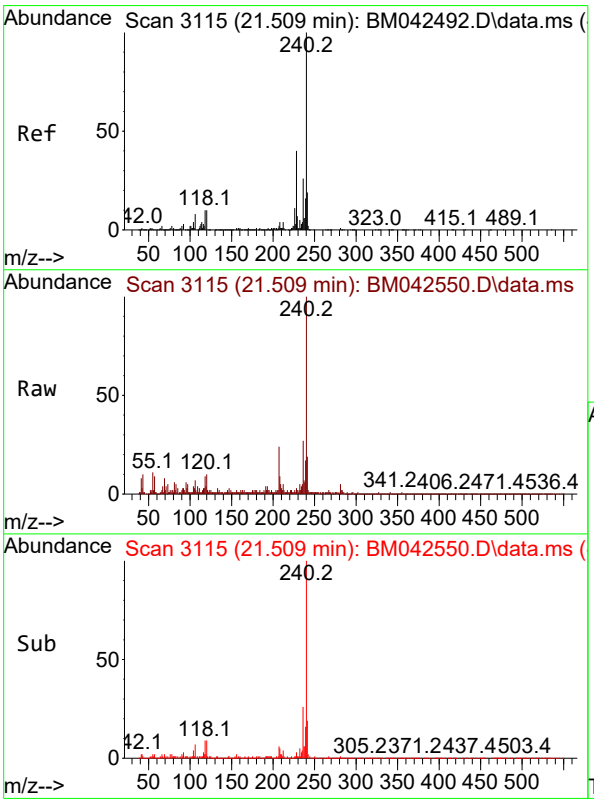
#75
Fluoranthene
Concen: 2.148 ng
RT: 19.386 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM042550.D
Acq: 01 Nov 2023 21:25

Instrument :
BNA_M
ClientSampleId :
HD-02-10302023

Tgt Ion:202 Resp: 44753

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	30.5
203	19.1	0.0	37.0

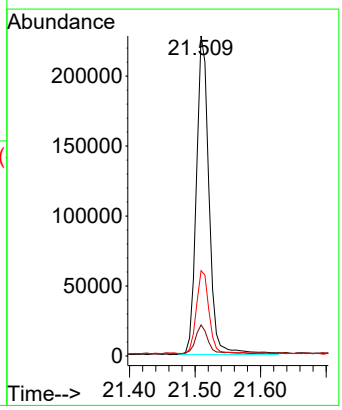


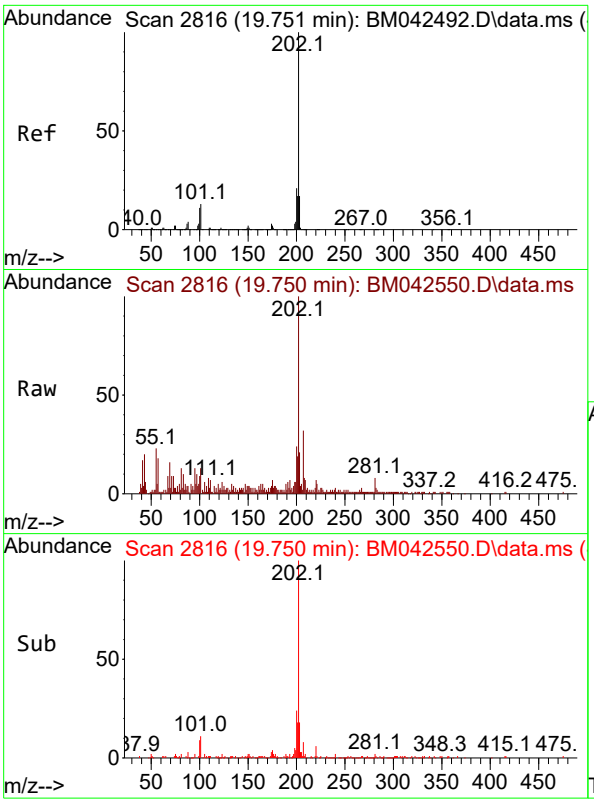


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.509 min Scan# 3115
Delta R.T. -0.000 min
Lab File: BM042550.D
Acq: 01 Nov 2023 21:25

Tgt Ion:240 Resp: 306355

Ion	Ratio	Lower	Upper
240	100		
120	9.7	8.3	12.5
236	26.7	20.8	31.2



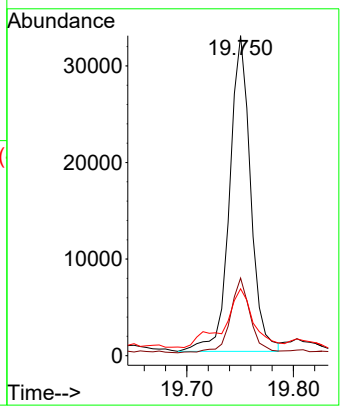


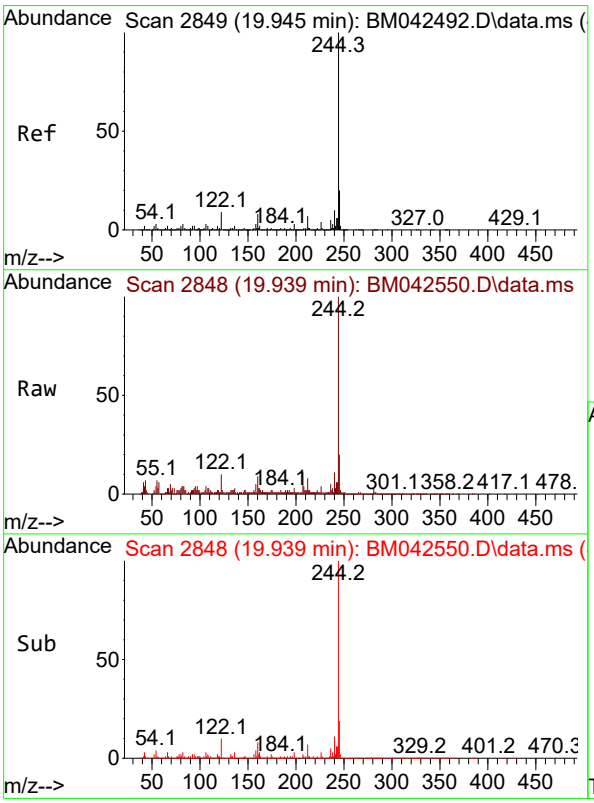
#78
Pyrene
Concen: 2.138 ng
RT: 19.750 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM042550.D
Acq: 01 Nov 2023 21:25

Instrument :
BNA_M
ClientSampleId :
HD-02-10302023

Tgt Ion:202 Resp: 44971

Ion	Ratio	Lower	Upper
202	100		
200	24.2	16.9	25.3
203	20.9	13.7	20.5#

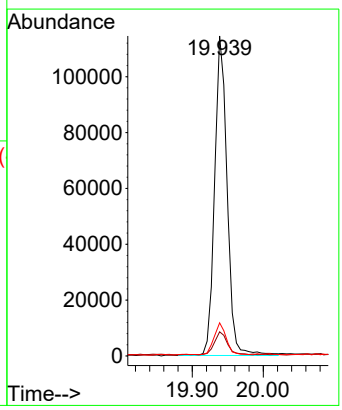


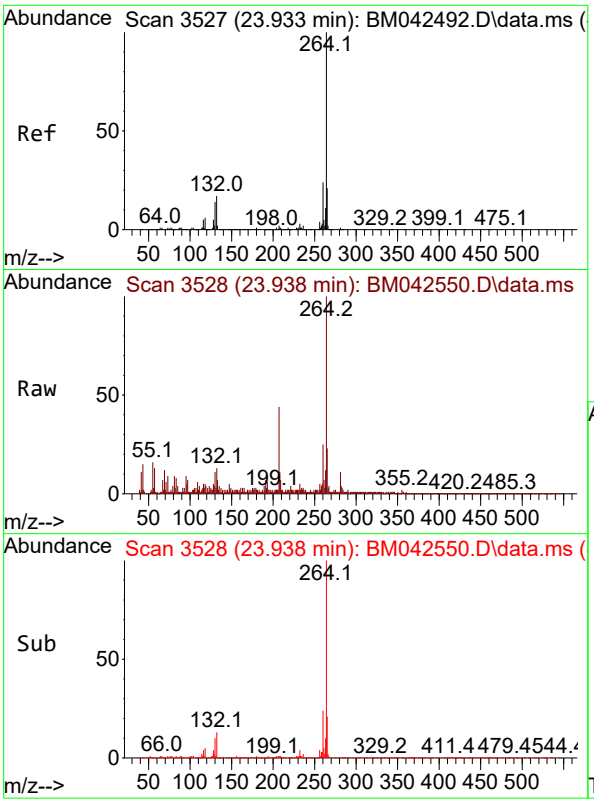


#79
Terphenyl-d14
Concen: 7.722 ng
RT: 19.939 min Scan# 2848
Delta R.T. -0.006 min
Lab File: BM042550.D
Acq: 01 Nov 2023 21:25

Tgt Ion:244 Resp: 139525

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.4	8.2
122	10.3	7.2	10.8



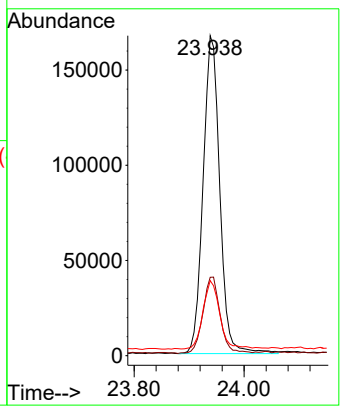


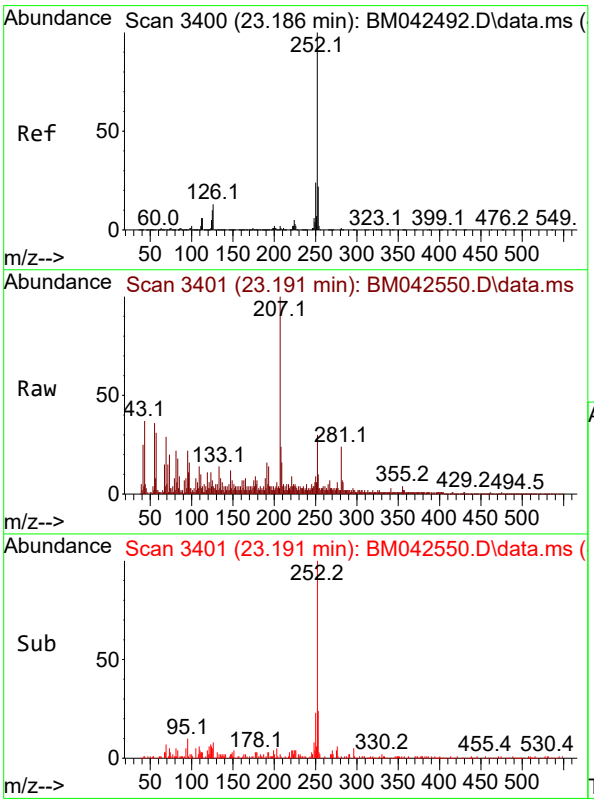
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.938 min Scan# 3
Delta R.T. 0.006 min
Lab File: BM042550.D
Acq: 01 Nov 2023 21:25

Instrument :
BNA_M
ClientSampleId :
HD-02-10302023

Tgt Ion:264 Resp: 352165

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.0	28.4
265	23.5	18.7	28.1

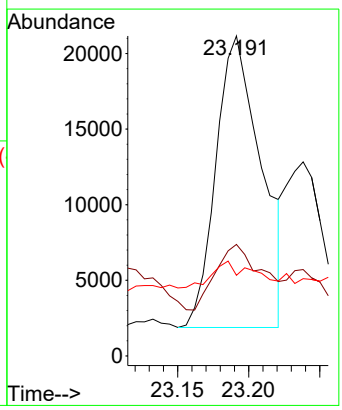


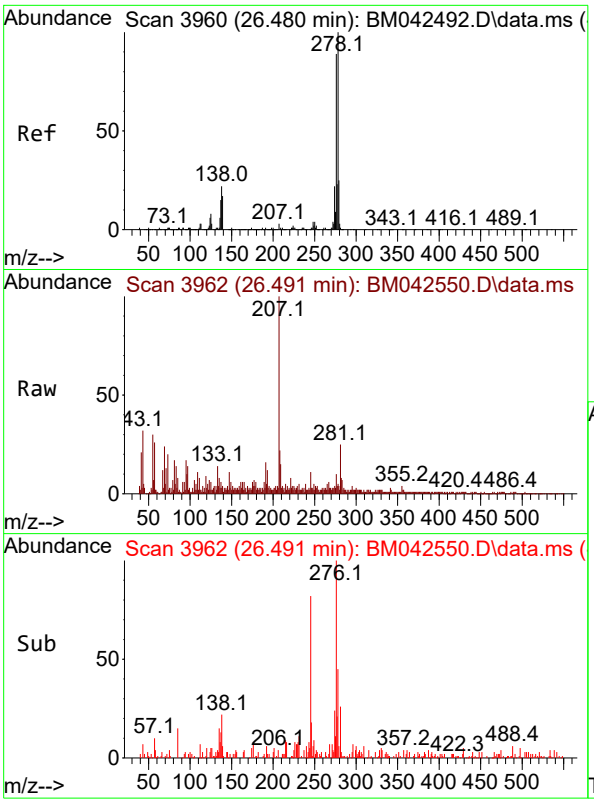


#88
Benzo(b)fluoranthene
Concen: 2.170 ng
RT: 23.191 min Scan# 3401
Delta R.T. 0.006 min
Lab File: BM042550.D
Acq: 01 Nov 2023 21:25

Tgt Ion:252 Resp: 42581

Ion	Ratio	Lower	Upper
252	100		
253	34.9	17.5	26.3#
125	25.2	7.8	11.6#





#91
Dibenzo(a,h)anthracene
Concen: 4.663 ng
RT: 26.491 min Scan# 3
Delta R.T. 0.011 min
Lab File: BM042550.D
Acq: 01 Nov 2023 21:25

Instrument :
BNA_M
ClientSampleId :
HD-02-10302023

Tgt Ion:278 Resp: 11127

Ion	Ratio	Lower	Upper
278	100		
139	70.1	13.4	20.2#
279	77.9	19.7	29.5#