Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081524\
Data File : BM047194.D
Acq On : 14 Aug 2024 16:50
Operator : RC/JU
Sample : P3519-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OU4-TS-16-080724

Quant Time: Aug 14 18:10:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 14 17:18:06 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.369	152	259965	20.000	ng		0.00
21) Naphthalene-d8	10.122	136	1035744	20.000	ng		-0.01
39) Acenaphthene-d10	14.022	164	632553	20.000	ng		-0.01
64) Phenanthrene-d10	16.786	188	1350863	20.000	ng		0.00
76) Chrysene-d12	21.021	240	1290797	20.000	ng		-0.01
86) Perylene-d12	23.715	264	1280424	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.022	112	1424149	97.887	ng		0.00
7) Phenol-d6	6.581	99	1899191	94.737	ng		0.00
23) Nitrobenzene-d5	8.510	82	1297410	63.074	ng		-0.01
42) 2,4,6-Tribromophenol	15.533	330	649058	88.493	ng		0.00
45) 2-Fluorobiphenyl	12.633	172	2045594	49.883	ng		-0.01
79) Terphenyl-d14	19.457	244	3357239	55.731	ng		0.00
Target Compounds							Qvalue
71) Phenanthrene	16.827	178	170364	2.513	ng		99
75) Fluoranthene	18.862	202	513049	6.222	ng		98
78) Pyrene	19.227	202	485933	5.272	ng		99
81) Benzo(a)anthracene	21.003	228	260871	3.044	ng		96
83) Chrysene	21.062	228	274267	3.373	ng		97
88) Benzo(b)fluoranthene	22.874	252	343554	4.518	ng	#	94
89) Benzo(k)fluoranthene	22.874	252	343554	4.783	ng	#	94
90) Benzo(a)pyrene	23.586	252	219096	3.326	ng		95
92) Benzo(g,h,i)perylene	27.627	276	154533	2.222	ng	#	95

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

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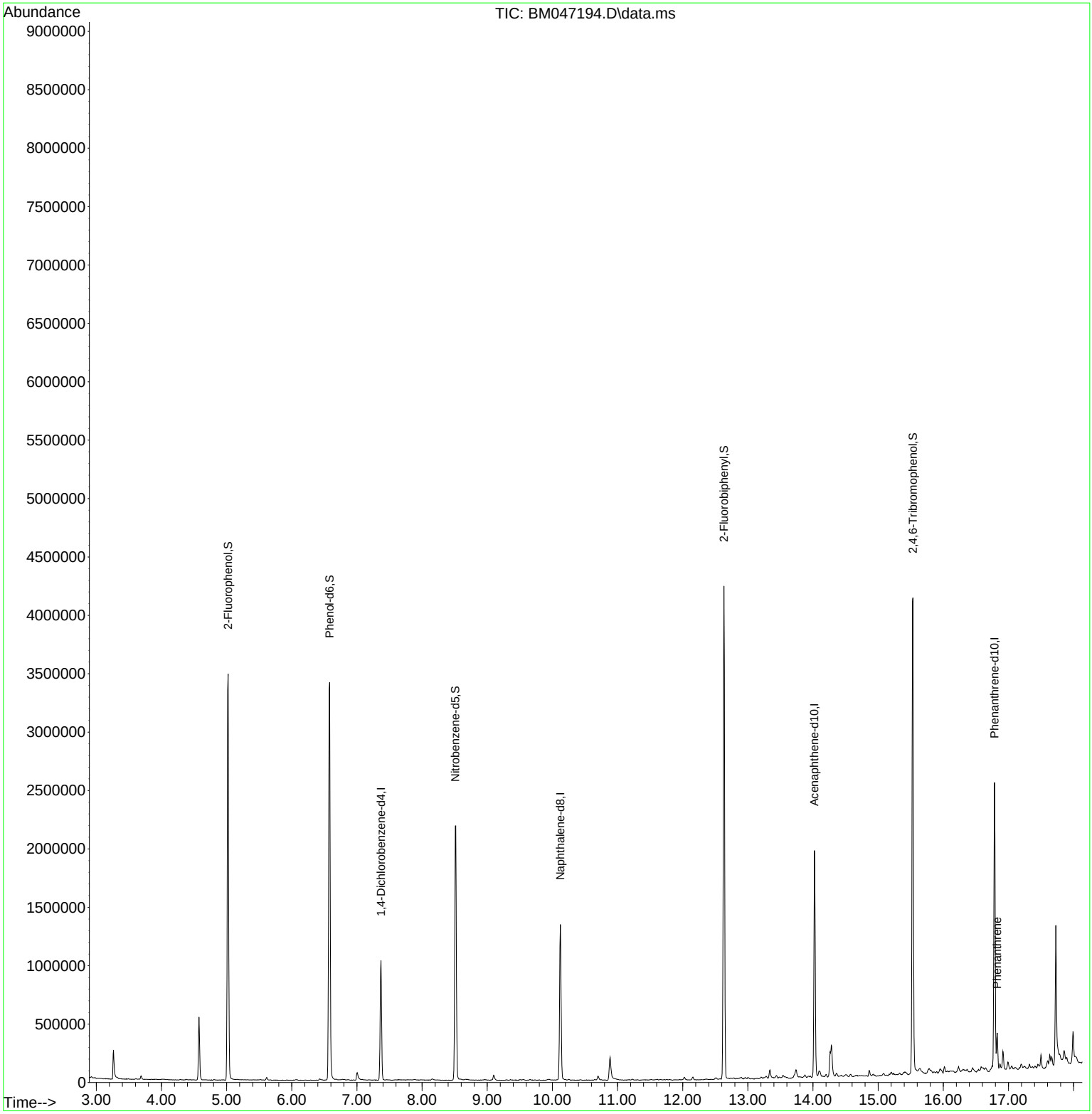
Quant Time: Aug 14 18:10:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 14 17:18:06 2024
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081524\
Data File : BM047194.D
Acq On : 14 Aug 2024 16:50
Operator : RC/JU
Sample : P3519-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
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Quant Time: Aug 14 18:10:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 14 17:18:06 2024
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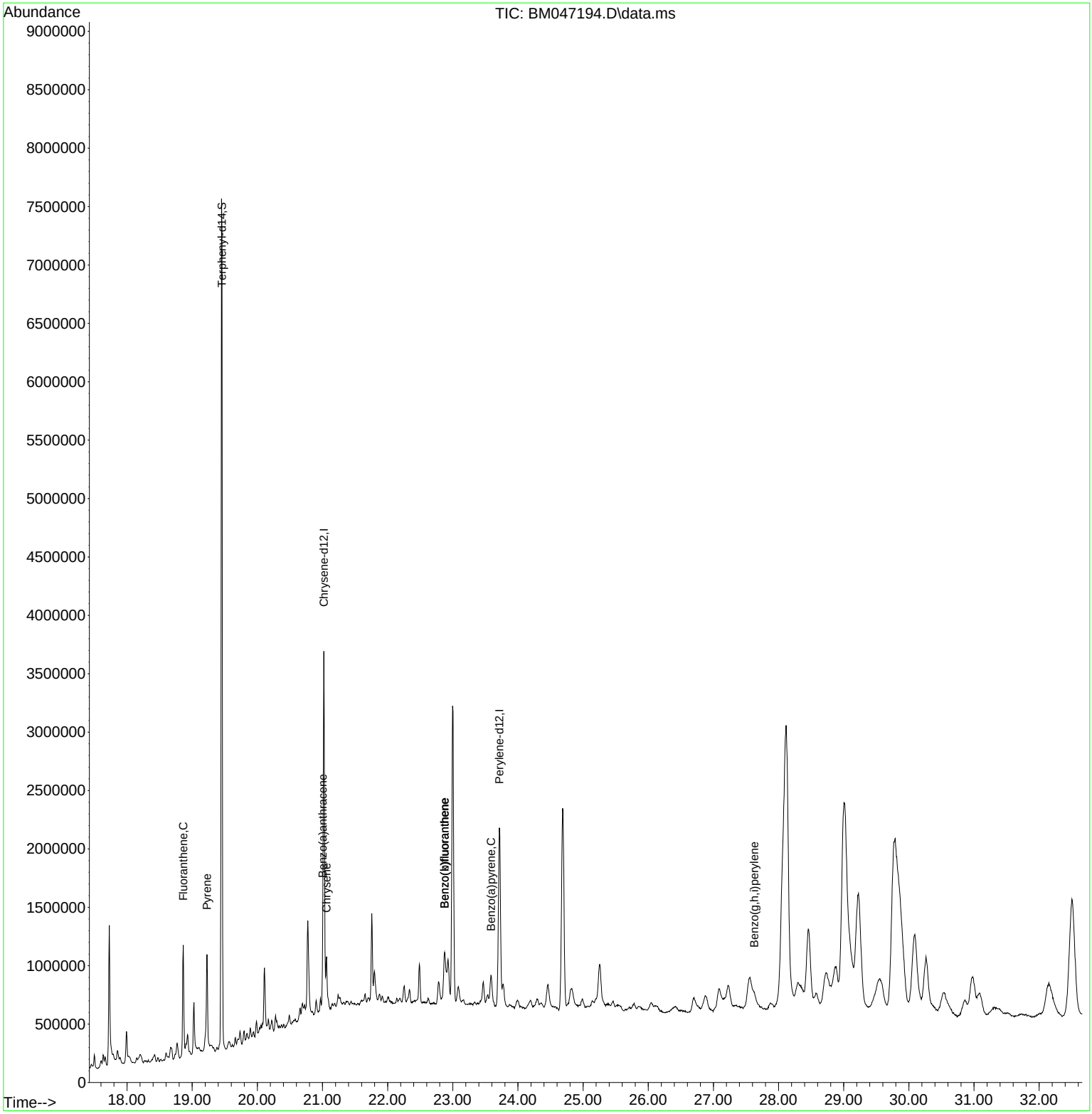
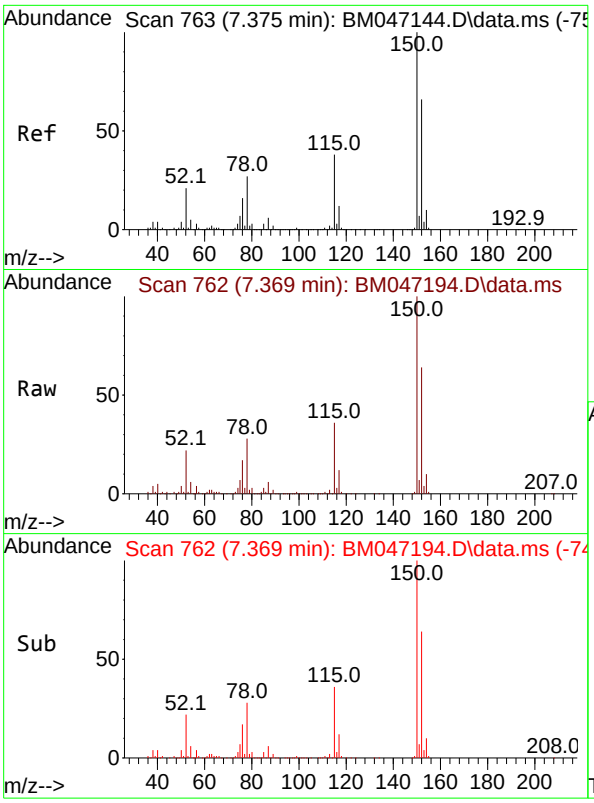


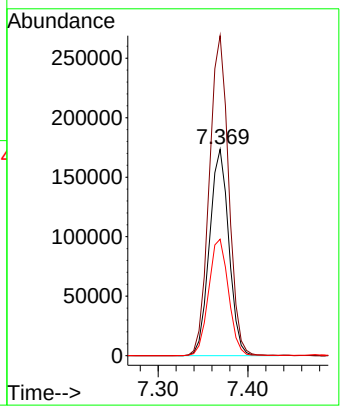


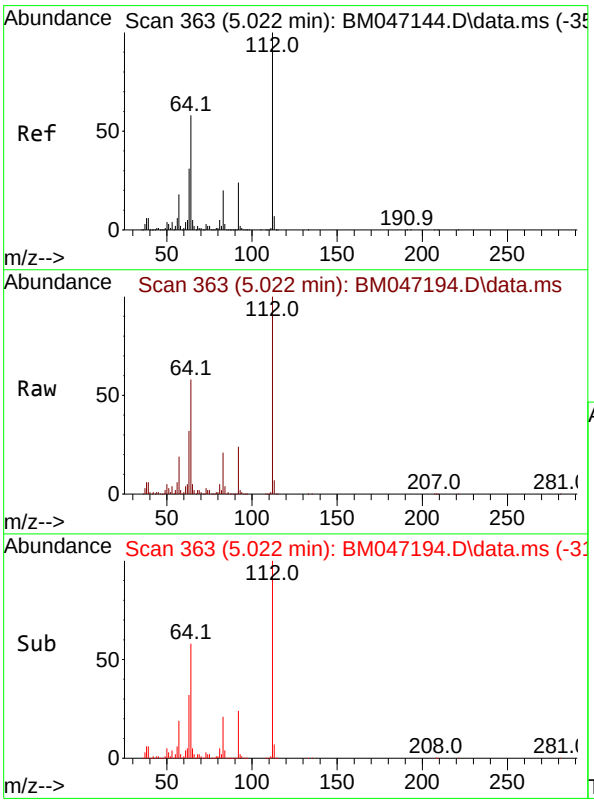
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.369 min Scan# 7
Delta R.T. -0.006 min
Lab File: BM047194.D
Acq: 14 Aug 2024 16:50

Instrument :
BNA_M
ClientSampleId :
OU4-TS-16-080724

Tgt Ion:152 Resp: 259965

Ion	Ratio	Lower	Upper
152	100		
150	155.1	120.5	180.7
115	56.4	45.5	68.3

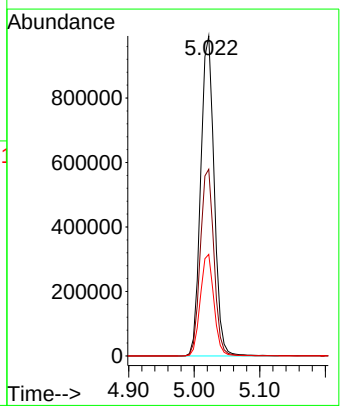


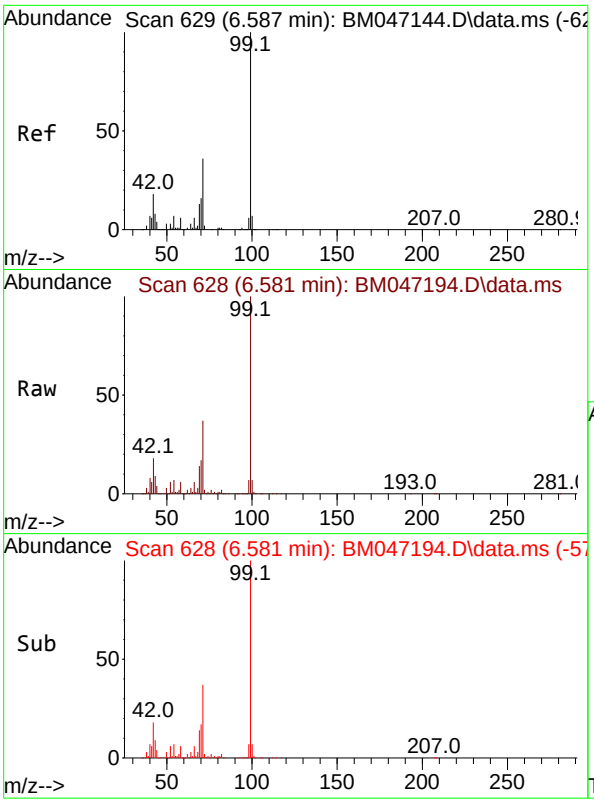


#5
2-Fluorophenol
Concen: 97.887 ng
RT: 5.022 min Scan# 363
Delta R.T. -0.000 min
Lab File: BM047194.D
Acq: 14 Aug 2024 16:50

Tgt Ion:112 Resp: 1424149

Ion	Ratio	Lower	Upper
112	100		
64	58.4	46.7	70.1
63	31.7	24.8	37.2



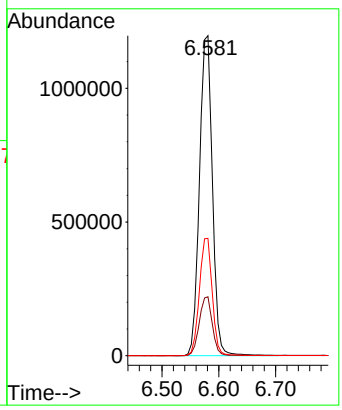


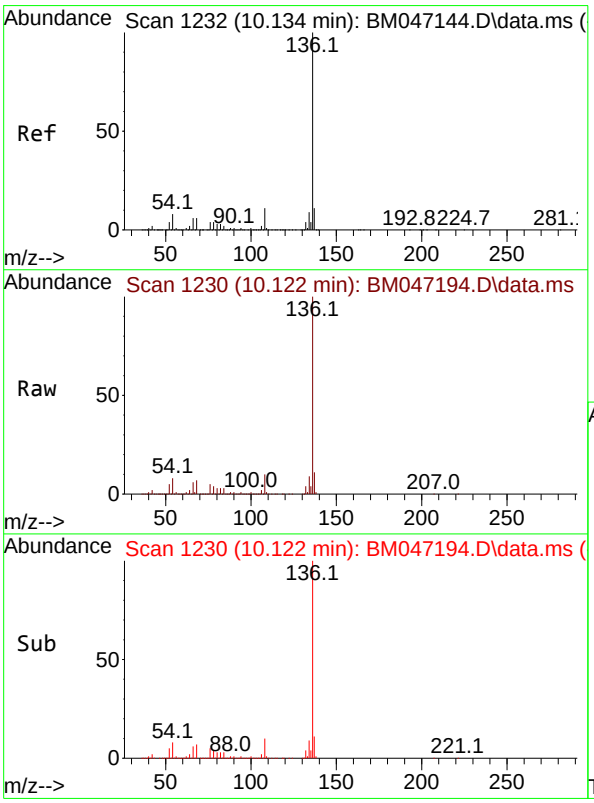
#7
Phenol-d6
Concen: 94.737 ng
RT: 6.581 min Scan# 6
Delta R.T. -0.006 min
Lab File: BM047194.D
Acq: 14 Aug 2024 16:50

Instrument :
BNA_M
ClientSampleId :
OU4-TS-16-080724

Tgt Ion: 99 Resp: 1899191

Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.1	21.1
71	36.7	28.5	42.7

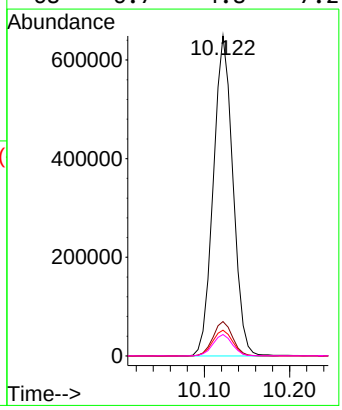


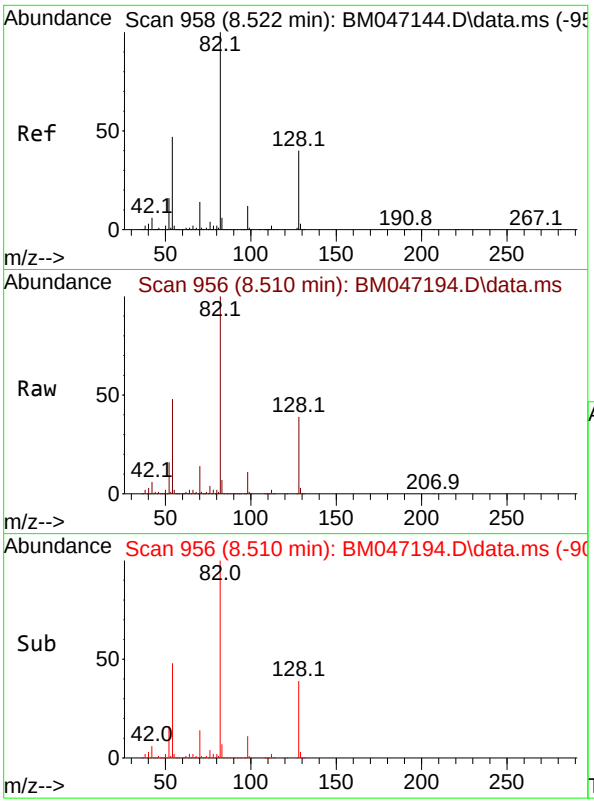


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.122 min Scan# 1230
Delta R.T. -0.012 min
Lab File: BM047194.D
Acq: 14 Aug 2024 16:50

Tgt Ion:136 Resp: 1035744

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	8.1	6.0	9.0
68	6.7	4.8	7.2



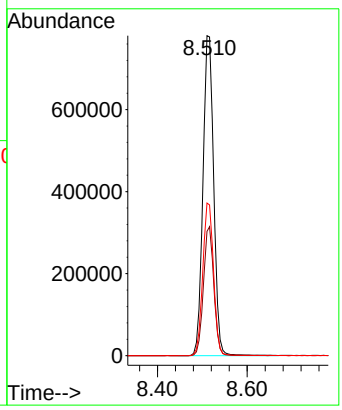


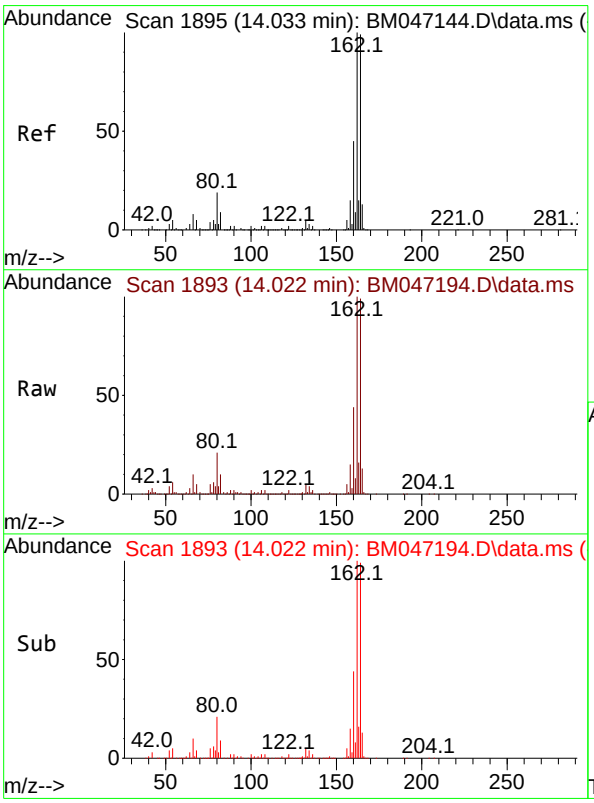
#23
Nitrobenzene-d5
Concen: 63.074 ng
RT: 8.510 min Scan# 9
Delta R.T. -0.012 min
Lab File: BM047194.D
Acq: 14 Aug 2024 16:50

Instrument :
BNA_M
ClientSampleId :
OU4-TS-16-080724

Tgt Ion: 82 Resp: 1297410

Ion	Ratio	Lower	Upper
82	100		
128	38.9	32.3	48.5
54	47.7	37.4	56.2

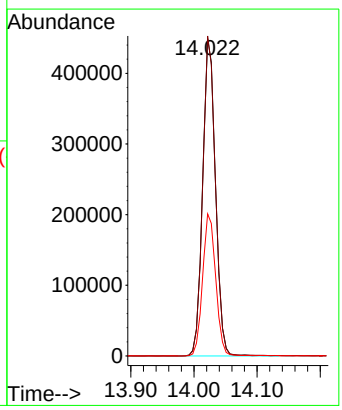


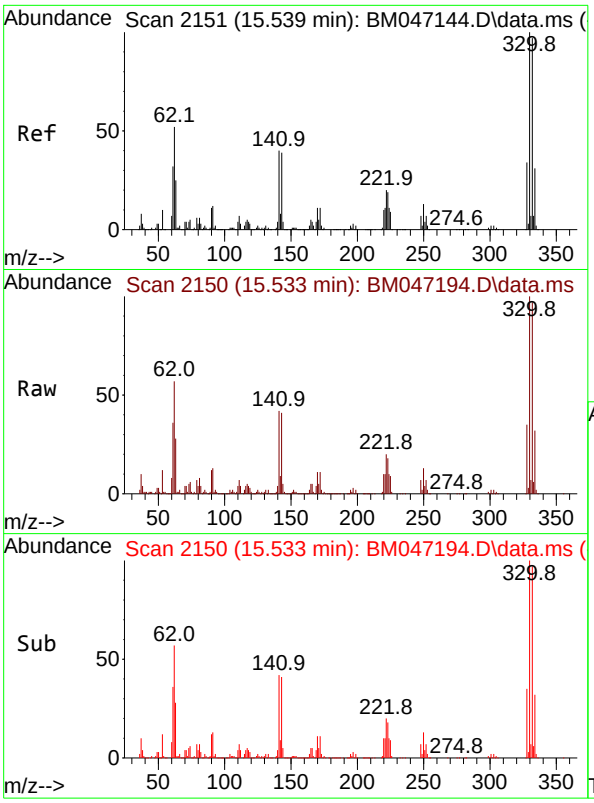


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.022 min Scan# 1893
Delta R.T. -0.012 min
Lab File: BM047194.D
Acq: 14 Aug 2024 16:50

Tgt Ion:164 Resp: 632553

Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.7	121.1
160	44.8	36.0	54.0



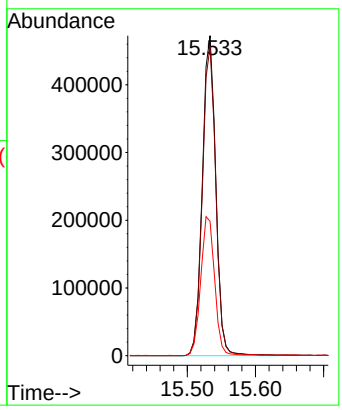


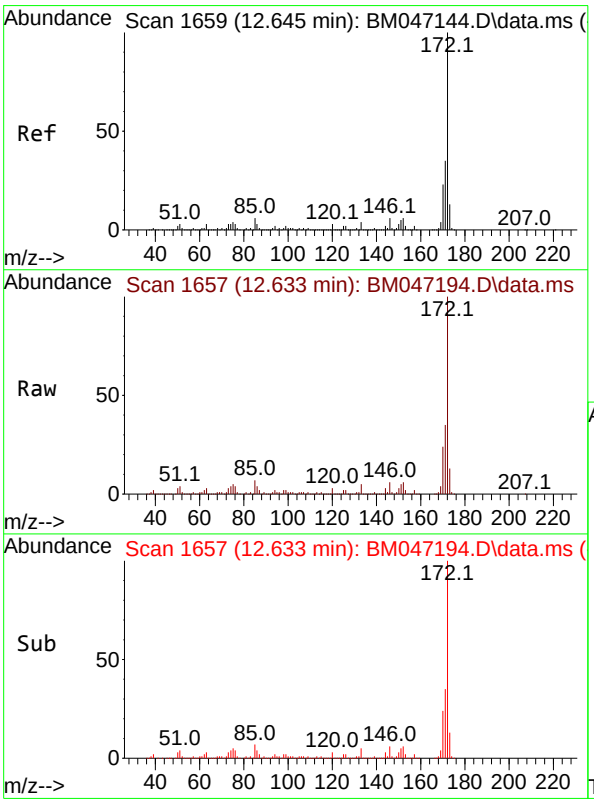
#42
2,4,6-Tribromophenol
Concen: 88.493 ng
RT: 15.533 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047194.D
Acq: 14 Aug 2024 16:50

Instrument :
BNA_M
ClientSampleId :
OU4-TS-16-080724

Tgt Ion:330 Resp: 649058

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.4	116.2
141	44.7	31.6	47.4

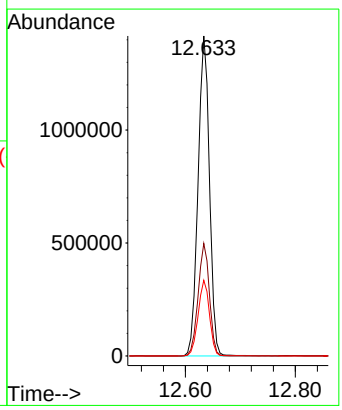


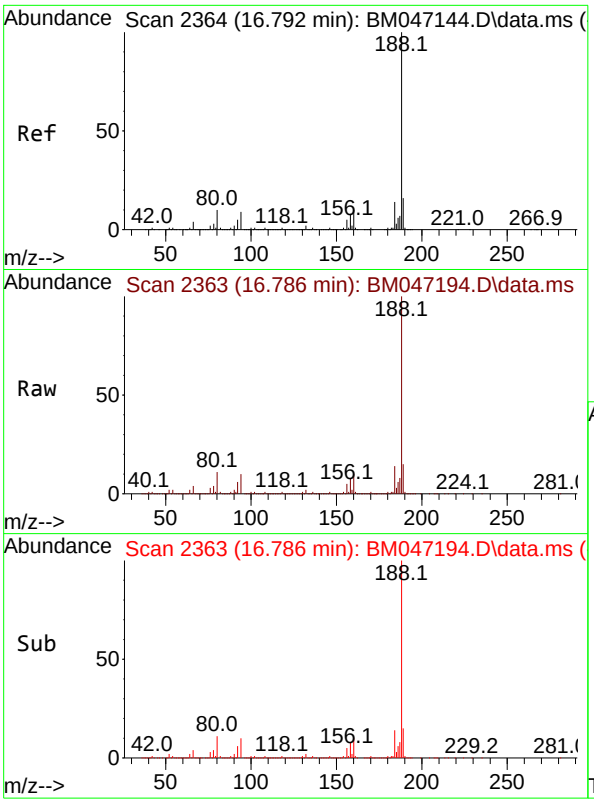


#45
2-Fluorobiphenyl
Concen: 49.883 ng
RT: 12.633 min Scan# 1657
Delta R.T. -0.012 min
Lab File: BM047194.D
Acq: 14 Aug 2024 16:50

Tgt Ion:172 Resp: 2045594

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.8	41.6
170	23.7	18.7	28.1



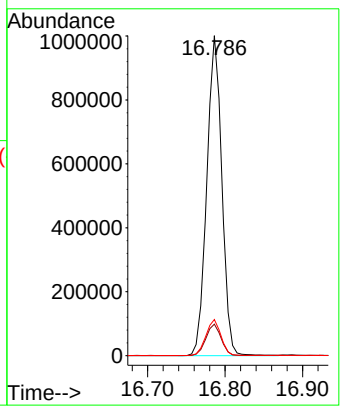


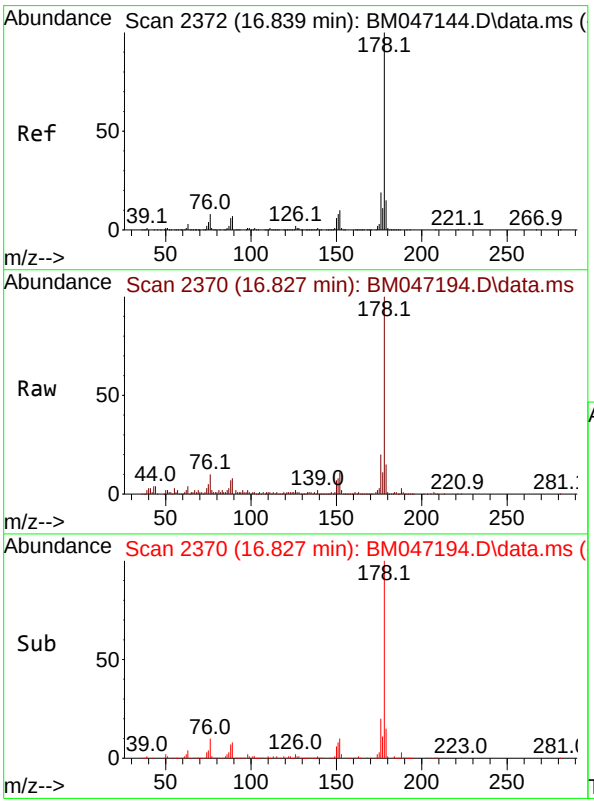
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.786 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM047194.D
Acq: 14 Aug 2024 16:50

Instrument :
BNA_M
ClientSampleId :
OU4-TS-16-080724

Tgt Ion:188 Resp: 1350863

Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.0	10.6
80	11.3	8.0	12.0

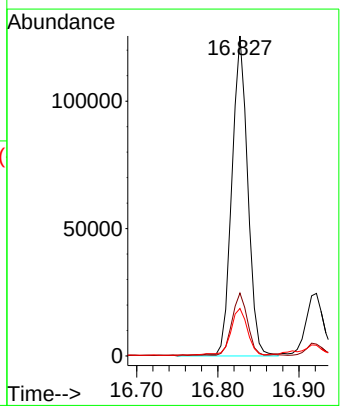


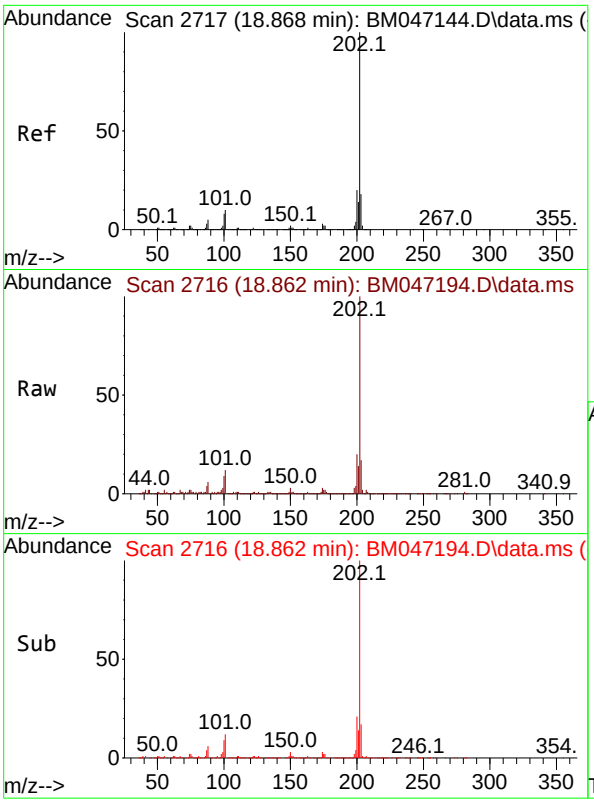


#71
Phenanthrene
Concen: 2.513 ng
RT: 16.827 min Scan# 2370
Delta R.T. -0.012 min
Lab File: BM047194.D
Acq: 14 Aug 2024 16:50

Tgt Ion:178 Resp: 170364

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.3	22.9
179	14.9	12.4	18.6



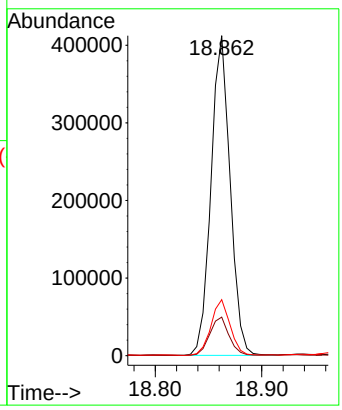


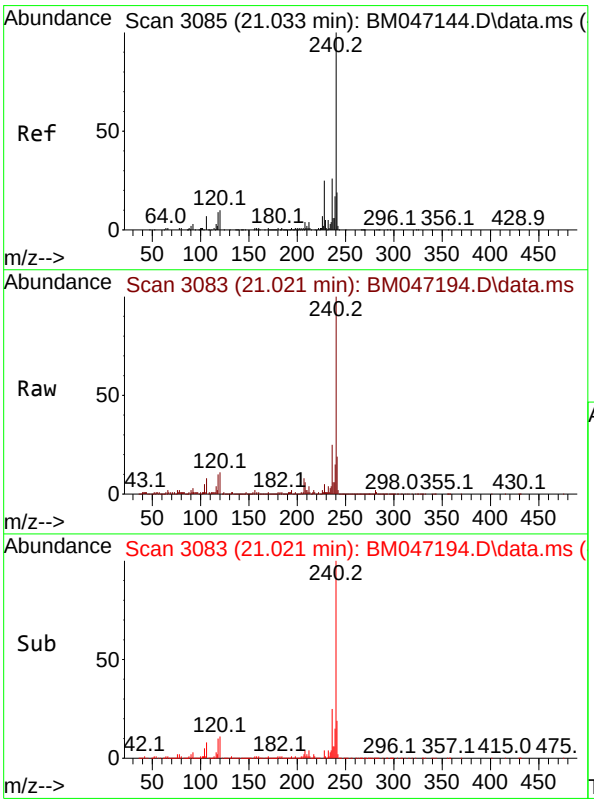
#75
Fluoranthene
Concen: 6.222 ng
RT: 18.862 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM047194.D
Acq: 14 Aug 2024 16:50

Instrument :
BNA_M
ClientSampleId :
OU4-TS-16-080724

Tgt Ion:202 Resp: 513049

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	30.2
203	17.5	0.0	37.6

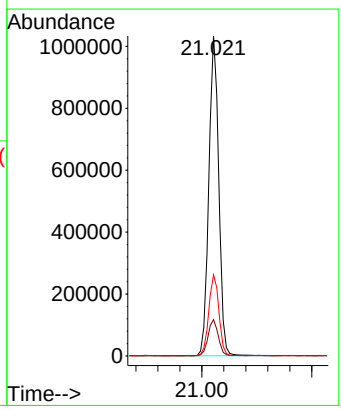


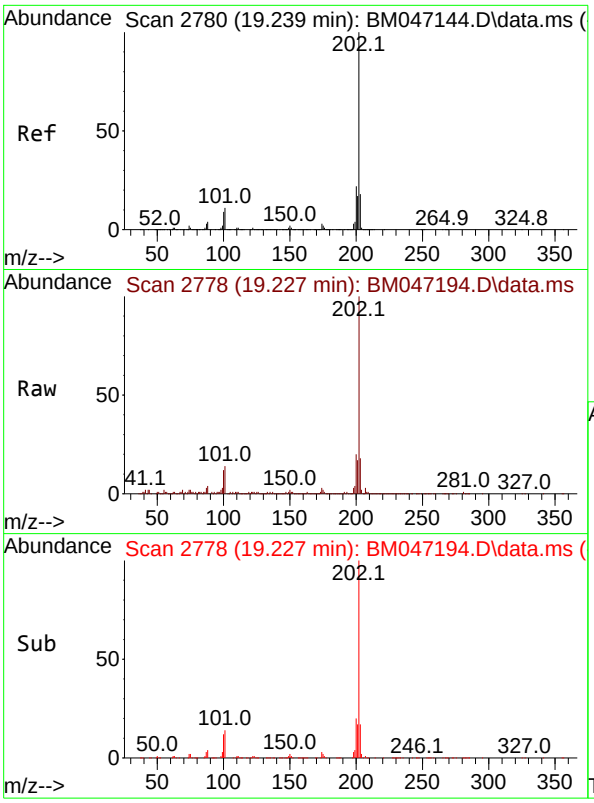


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.021 min Scan# 3083
Delta R.T. -0.012 min
Lab File: BM047194.D
Acq: 14 Aug 2024 16:50

Tgt Ion:240 Resp: 1290797

Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.2	12.2
236	25.3	20.6	30.8



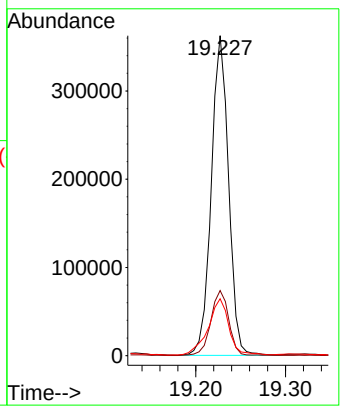


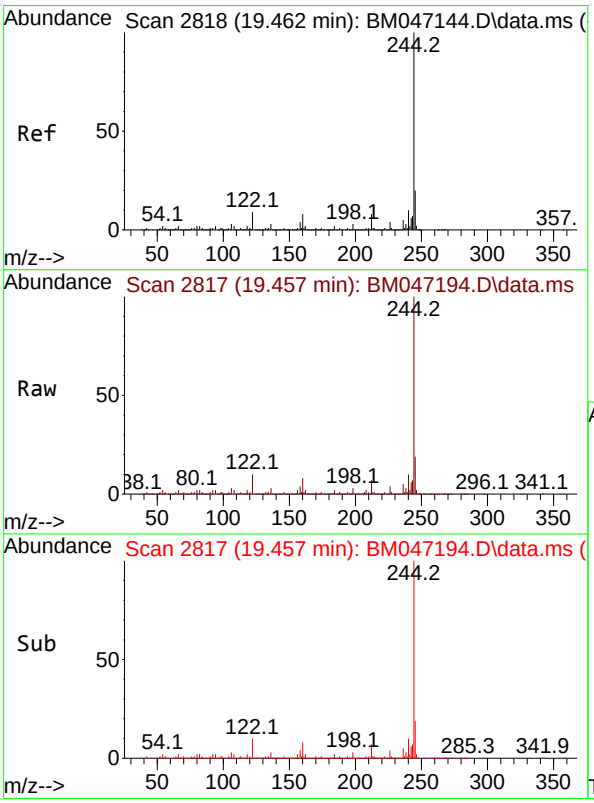
#78
Pyrene
Concen: 5.272 ng
RT: 19.227 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM047194.D
Acq: 14 Aug 2024 16:50

Instrument :
BNA_M
ClientSampleId :
OU4-TS-16-080724

Tgt Ion:202 Resp: 485933

Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.2	25.8
203	17.8	14.2	21.2

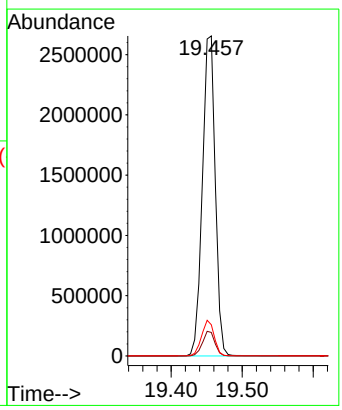


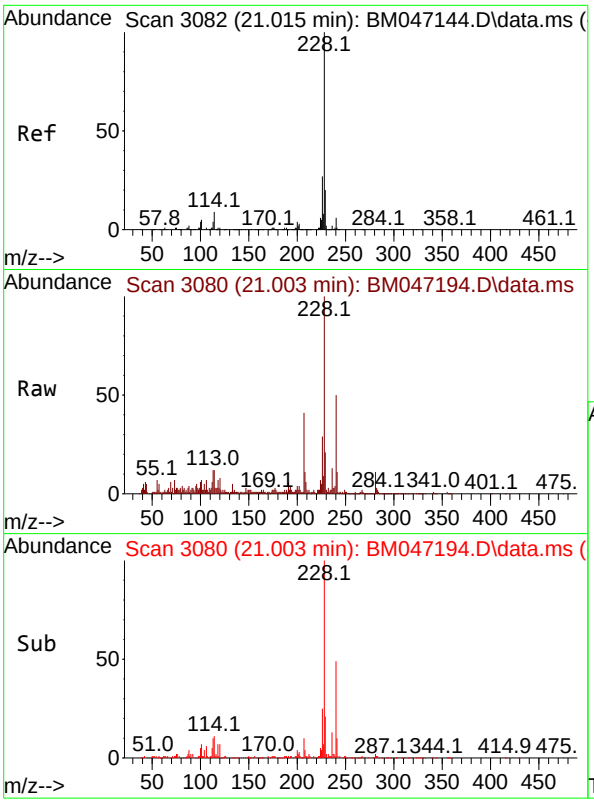


#79
Terphenyl-d14
Concen: 55.731 ng
RT: 19.457 min Scan# 2817
Delta R.T. -0.006 min
Lab File: BM047194.D
Acq: 14 Aug 2024 16:50

Tgt Ion:244 Resp: 3357239

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.2	9.4
122	9.8	7.1	10.7



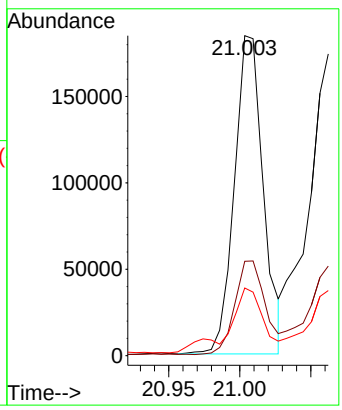


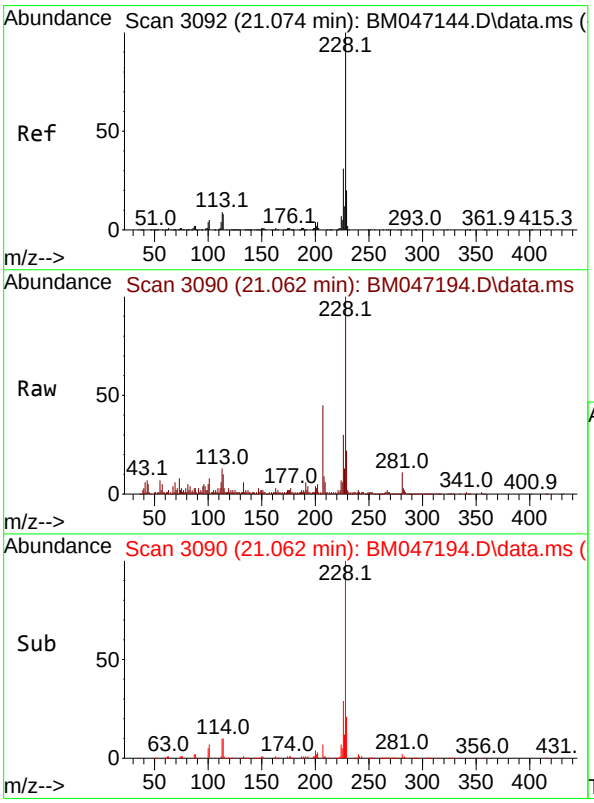
#81
Benzo(a)anthracene
Concen: 3.044 ng
RT: 21.003 min Scan# 3
Delta R.T. -0.012 min
Lab File: BM047194.D
Acq: 14 Aug 2024 16:50

Instrument :
BNA_M
ClientSampleId :
OU4-TS-16-080724

Tgt Ion:228 Resp: 260871

Ion	Ratio	Lower	Upper
228	100		
226	29.5	21.8	32.6
229	21.1	15.8	23.8

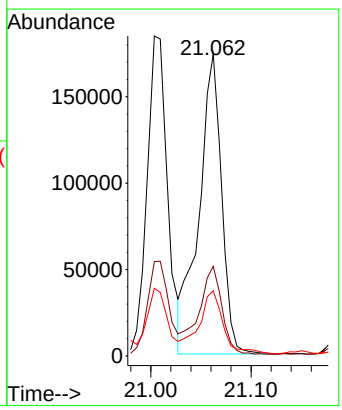


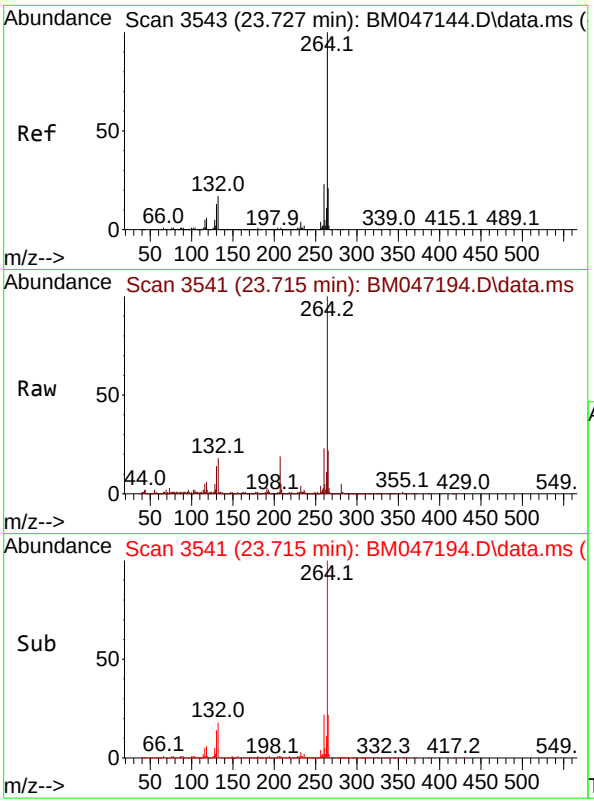


#83
Chrysene
Concen: 3.373 ng
RT: 21.062 min Scan# 3090
Delta R.T. -0.012 min
Lab File: BM047194.D
Acq: 14 Aug 2024 16:50

Tgt Ion:228 Resp: 274267

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.4	36.6
229	21.6	15.7	23.5



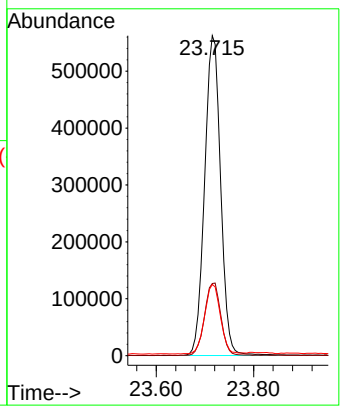


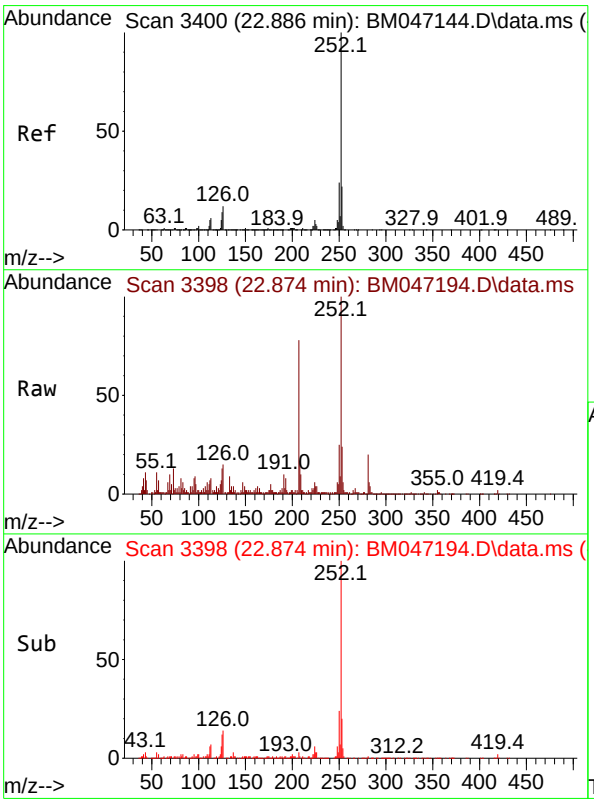
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.715 min Scan# 3
Delta R.T. -0.012 min
Lab File: BM047194.D
Acq: 14 Aug 2024 16:50

Instrument :
BNA_M
ClientSampleId :
OU4-TS-16-080724

Tgt Ion:264 Resp: 1280424

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.5	27.7
265	22.2	17.3	25.9

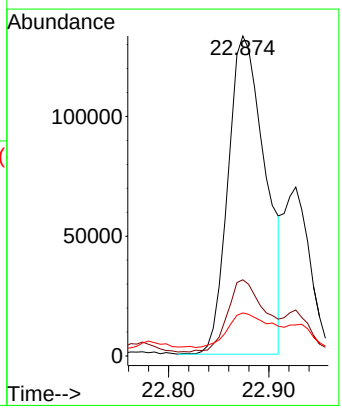


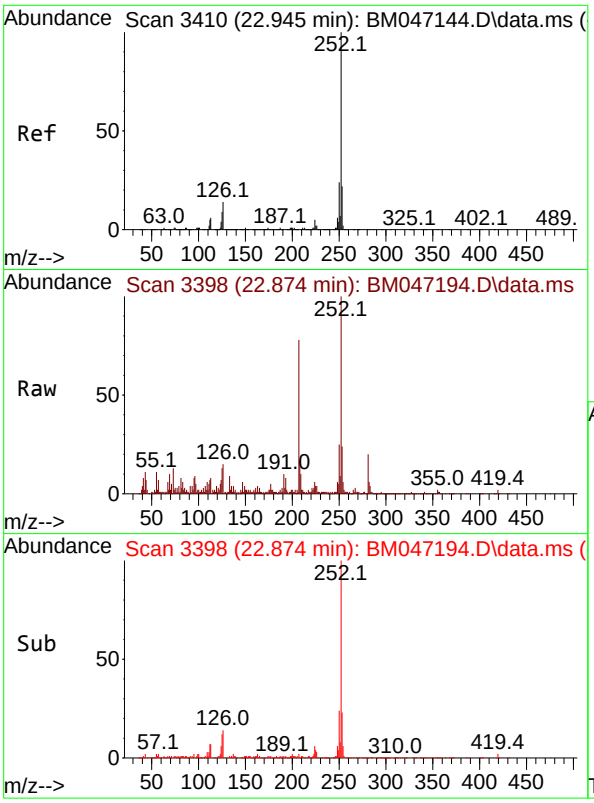


#88
Benzo(b)fluoranthene
Concen: 4.518 ng
RT: 22.874 min Scan# 3398
Delta R.T. -0.012 min
Lab File: BM047194.D
Acq: 14 Aug 2024 16:50

Tgt Ion:252 Resp: 343554

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.8	26.6
125	13.4	7.4	11.0#



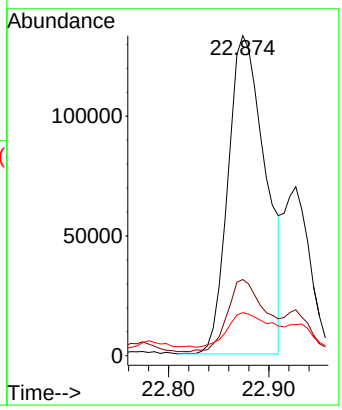


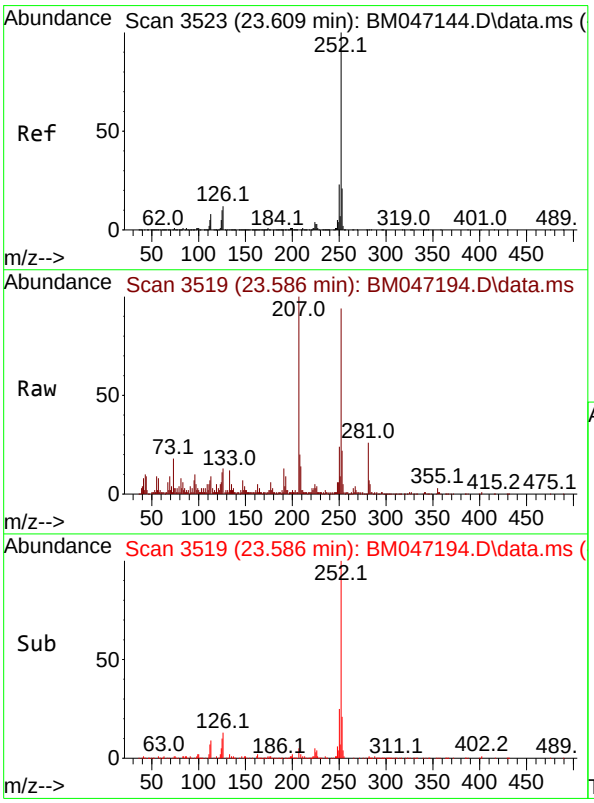
#89
Benzo(k)fluoranthene
Concen: 4.783 ng
RT: 22.874 min Scan# 3
Delta R.T. -0.071 min
Lab File: BM047194.D
Acq: 14 Aug 2024 16:50

Instrument :
BNA_M
ClientSampleId :
OU4-TS-16-080724

Tgt Ion:252 Resp: 343554

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.7	26.5
125	13.4	7.4	11.2#

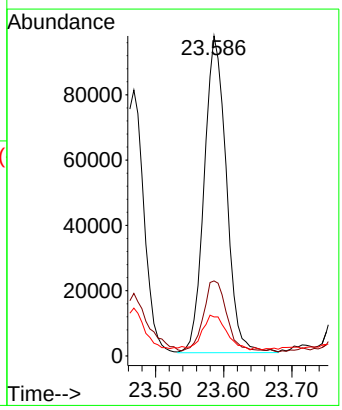


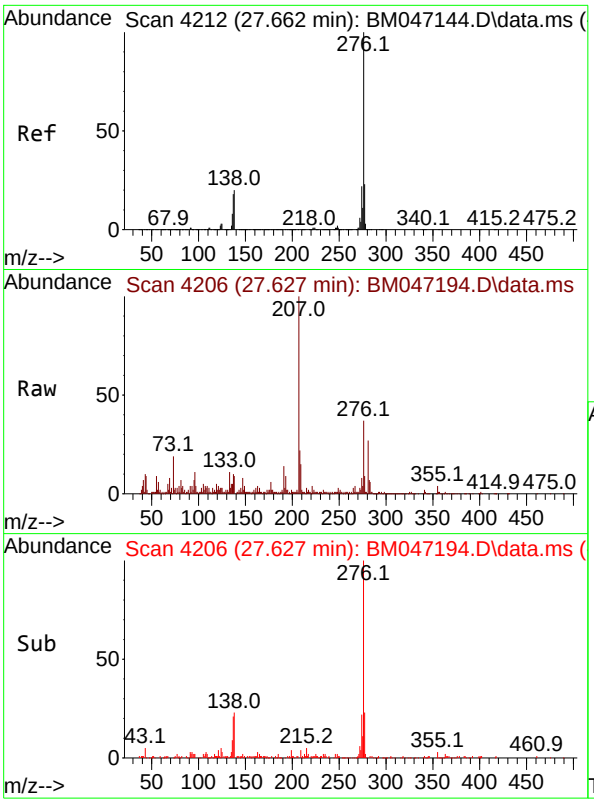


#90
Benzo(a)pyrene
Concen: 3.326 ng
RT: 23.586 min Scan# 3519
Delta R.T. -0.024 min
Lab File: BM047194.D
Acq: 14 Aug 2024 16:50

Tgt Ion:252 Resp: 219096

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.1	25.7
125	12.2	8.2	12.2





#92
Benzo(g,h,i)perylene
Concen: 2.222 ng
RT: 27.627 min Scan# 4
Delta R.T. -0.035 min
Lab File: BM047194.D
Acq: 14 Aug 2024 16:50

Instrument :
BNA_M
ClientSampleId :
OU4-TS-16-080724

Tgt Ion:276 Resp: 154533

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.8	28.2
138	25.3	16.2	24.4#