Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022224\
Data File : BP019822.D
Acq On : 22 Feb 2024 13:50
Operator : MA/JU
Sample : P1537-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
10

Quant Time: Feb 22 14:14:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 19 23:35:42 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.893	152	70587	20.000	ng		0.00
21) Naphthalene-d8	10.693	136	264294	20.000	ng		0.00
39) Acenaphthene-d10	14.528	164	184820	20.000	ng		-0.01
64) Phenanthrene-d10	17.286	188	432573	20.000	ng		0.00
76) Chrysene-d12	21.380	240	432004	20.000	ng		-0.01
86) Perylene-d12	23.798	264	490720	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	431499	98.537	ng		0.00
7) Phenol-d6	7.063	99	557955	94.496	ng		0.00
23) Nitrobenzene-d5	9.063	82	387270	63.494	ng		0.00
42) 2,4,6-Tribromophenol	16.022	330	350975	130.063	ng		-0.01
45) 2-Fluorobiphenyl	13.151	172	900282	60.218	ng		-0.01
79) Terphenyl-d14	19.851	244	1686124	64.187	ng		-0.01
Target Compounds							Qvalue
71) Phenanthrene	17.328	178	200142	8.792	ng		99
72) Anthracene	17.422	178	55301	2.435	ng		96
75) Fluoranthene	19.298	202	440377	15.835	ng		99
78) Pyrene	19.651	202	386271	12.669	ng		99
81) Benzo(a)anthracene	21.363	228	218375	7.181	ng		97
83) Chrysene	21.416	228	215350	7.459	ng		97
87) Indeno(1,2,3-cd)pyrene	26.321	276	128254	3.414	ng	#	96
88) Benzo(b)fluoranthene	23.063	252	272231	8.802	ng	#	92
89) Benzo(k)fluoranthene	23.063	252	272231	9.215	ng	#	91
90) Benzo(a)pyrene	23.692	252	184312	6.698	ng		96
92) Benzo(g,h,i)perylene	27.103	276	129485	4.131	ng		97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022224\
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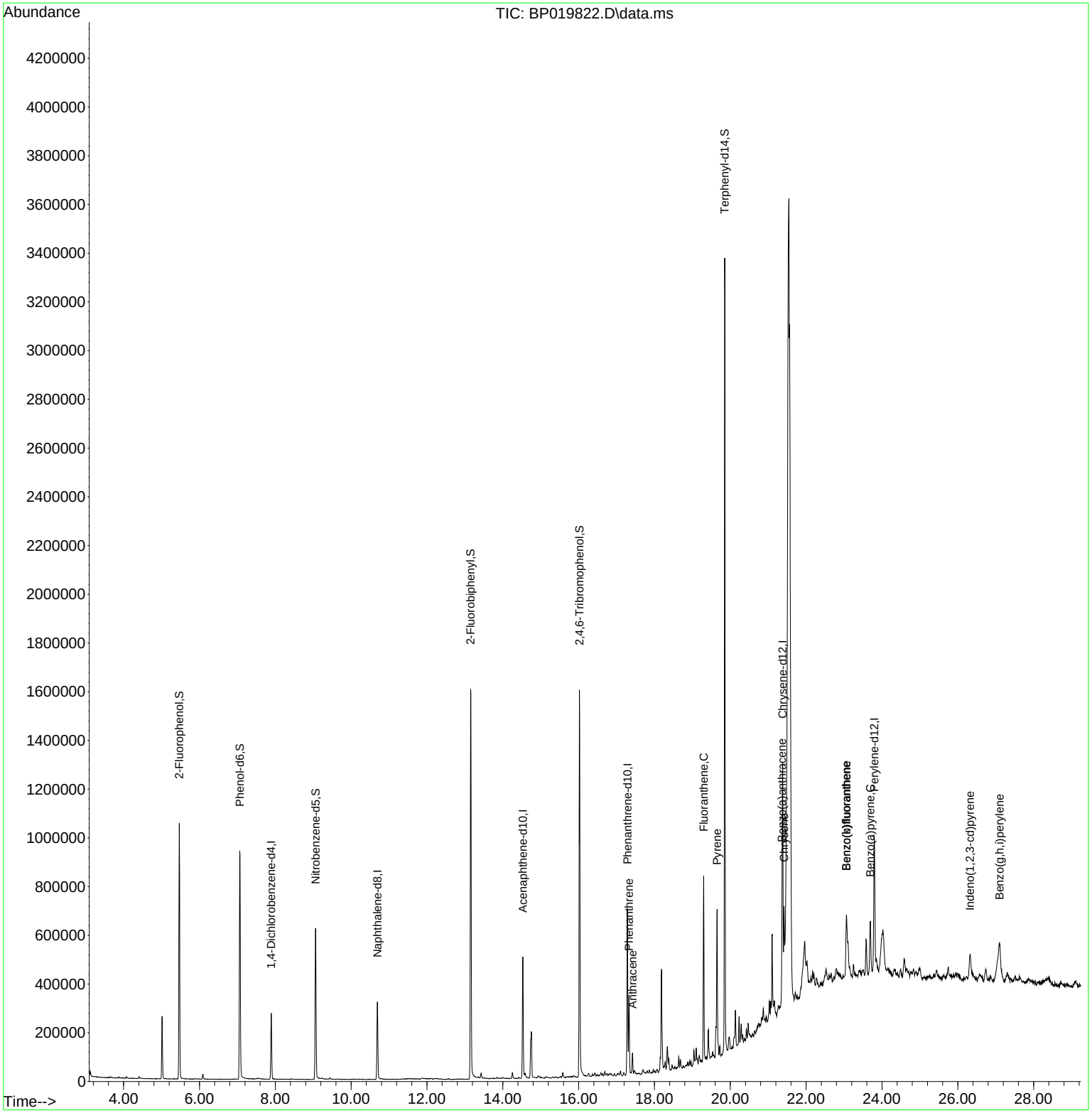
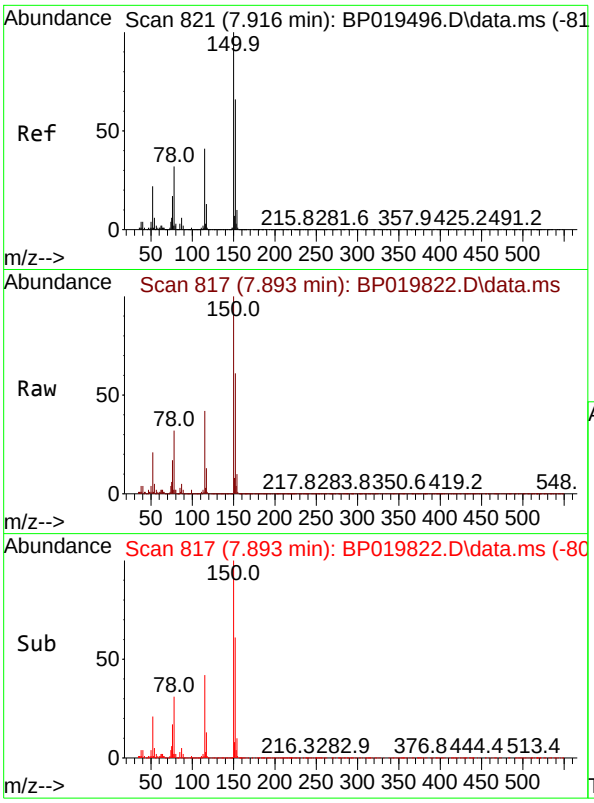
Instrument :
BNA_P
ClientSampleId :
10

Quant Time: Feb 22 14:14:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 19 23:35:42 2024
Response via : Initial Calibration



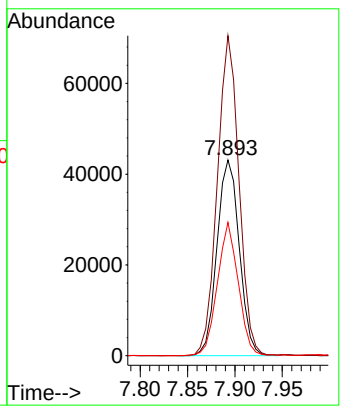


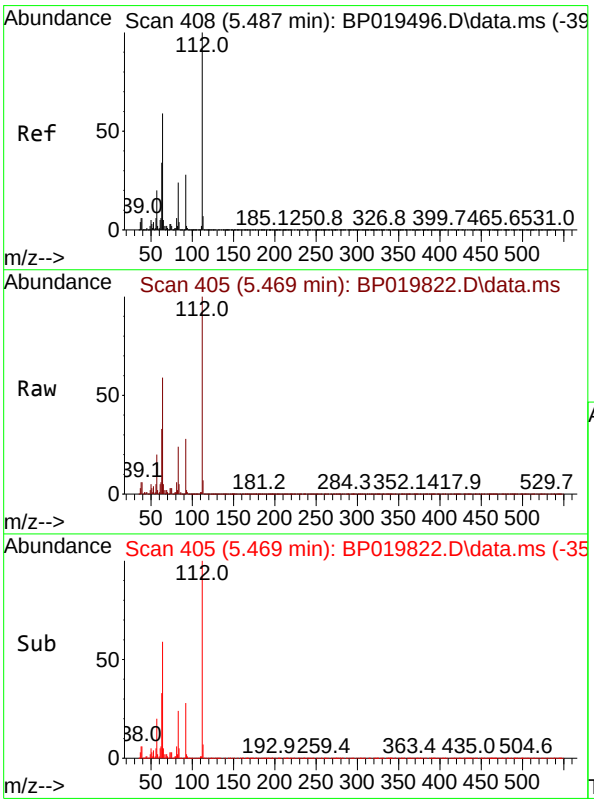
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.893 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019822.D
Acq: 22 Feb 2024 13:50

Instrument :
BNA_P
ClientSampleId :
10

Tgt Ion:152 Resp: 70587

Ion	Ratio	Lower	Upper
152	100		
150	163.5	121.8	182.8
115	68.1	49.9	74.9

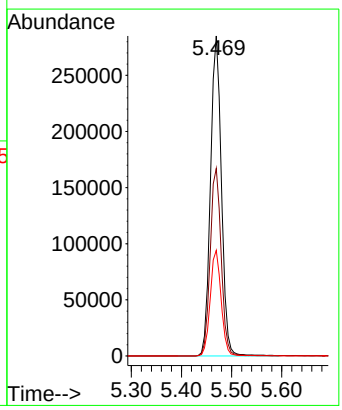


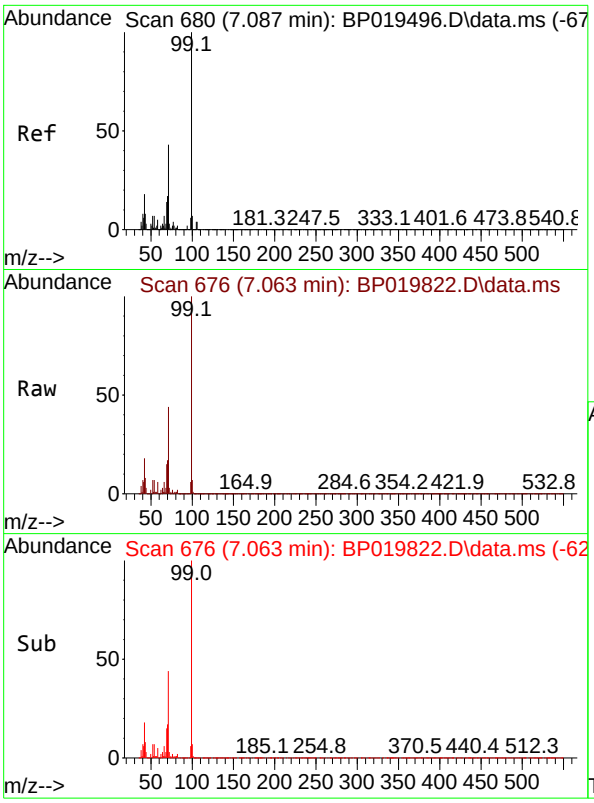


#5
2-Fluorophenol
Concen: 98.537 ng
RT: 5.469 min Scan# 405
Delta R.T. -0.006 min
Lab File: BP019822.D
Acq: 22 Feb 2024 13:50

Tgt Ion:112 Resp: 431499

Ion	Ratio	Lower	Upper
112	100		
64	58.6	47.4	71.0
63	33.0	27.0	40.6



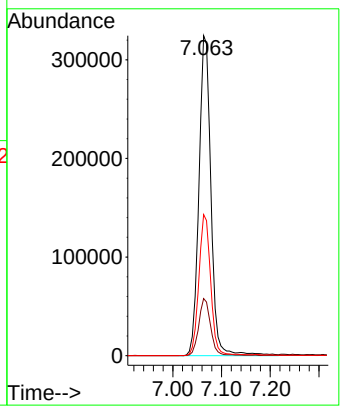


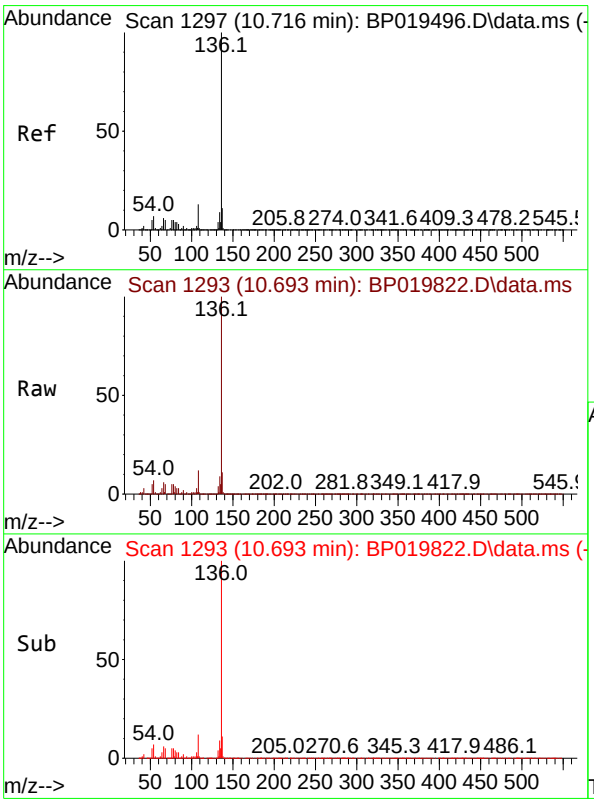
#7
Phenol-d6
Concen: 94.496 ng
RT: 7.063 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP019822.D
Acq: 22 Feb 2024 13:50

Instrument :
BNA_P
ClientSampleId :
10

Tgt Ion: 99 Resp: 557955

Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.7	22.1
71	44.1	34.8	52.2

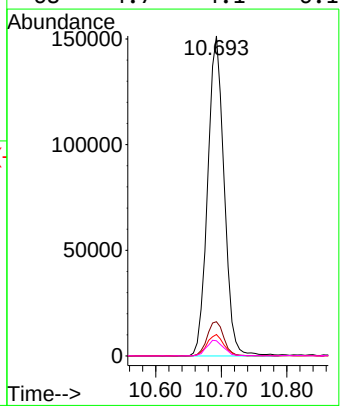


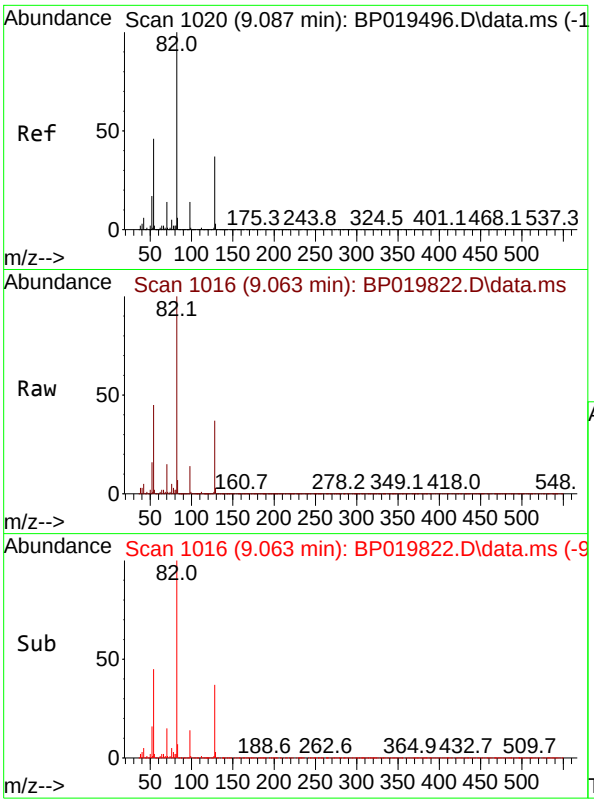


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.693 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BP019822.D
Acq: 22 Feb 2024 13:50

Tgt Ion:136 Resp: 264294

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	6.7	5.3	7.9
68	4.7	4.1	6.1



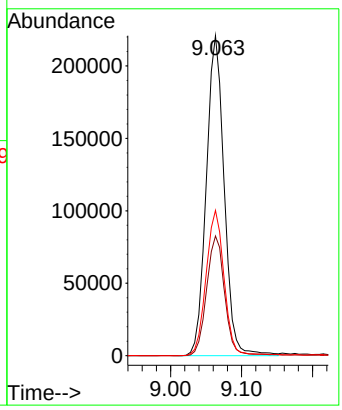


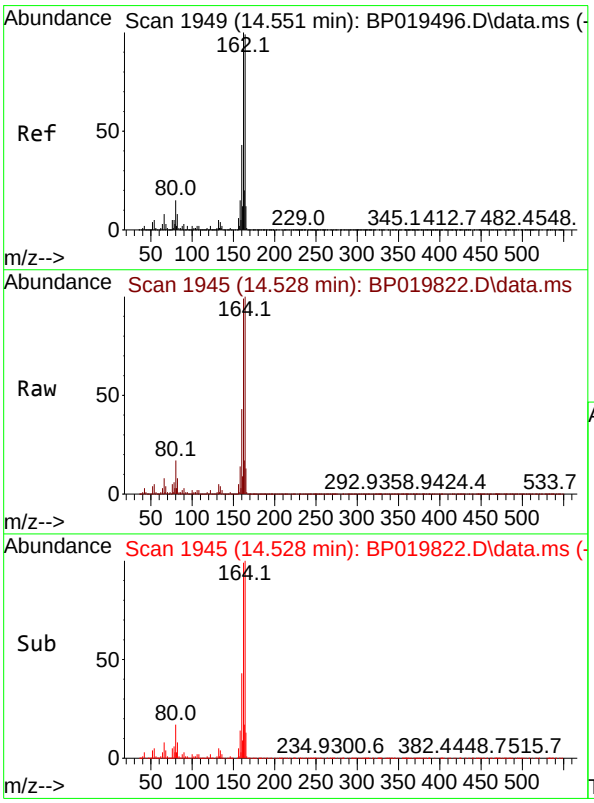
#23
Nitrobenzene-d5
Concen: 63.494 ng
RT: 9.063 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP019822.D
Acq: 22 Feb 2024 13:50

Instrument :
BNA_P
ClientSampleId :
10

Tgt Ion: 82 Resp: 387270

Ion	Ratio	Lower	Upper
82	100		
128	37.4	29.7	44.5
54	45.4	36.8	55.2

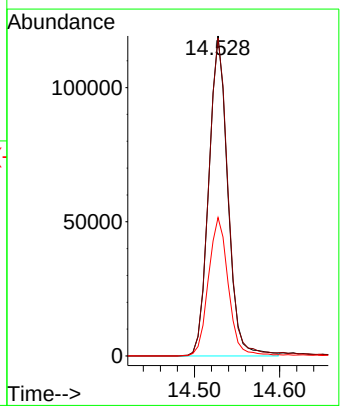


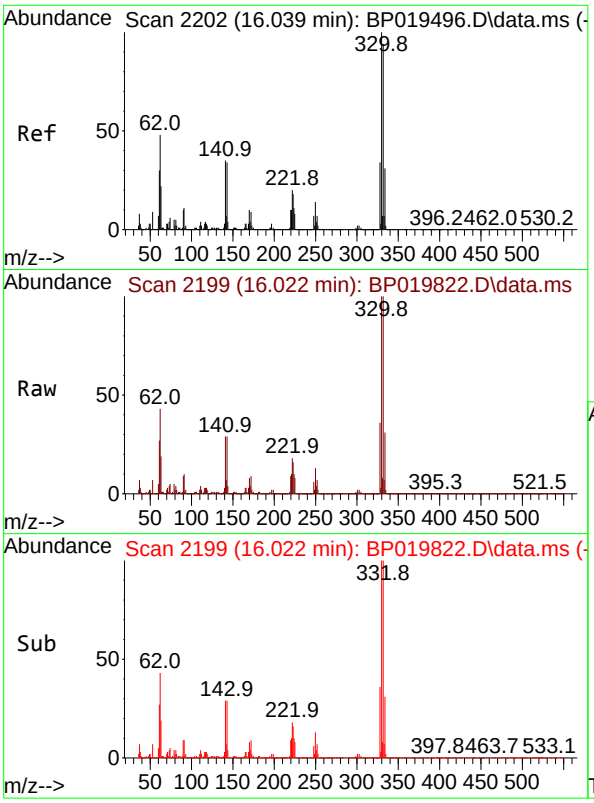


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.528 min Scan# 1945
Delta R.T. -0.012 min
Lab File: BP019822.D
Acq: 22 Feb 2024 13:50

Tgt Ion:164 Resp: 184820

Ion	Ratio	Lower	Upper
164	100		
162	99.4	81.2	121.8
160	43.3	35.1	52.7



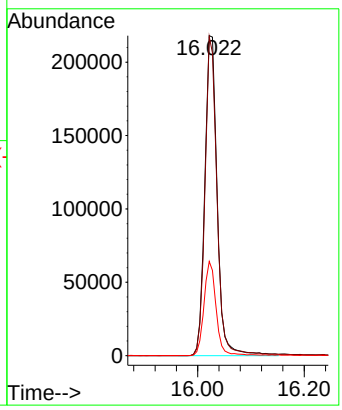


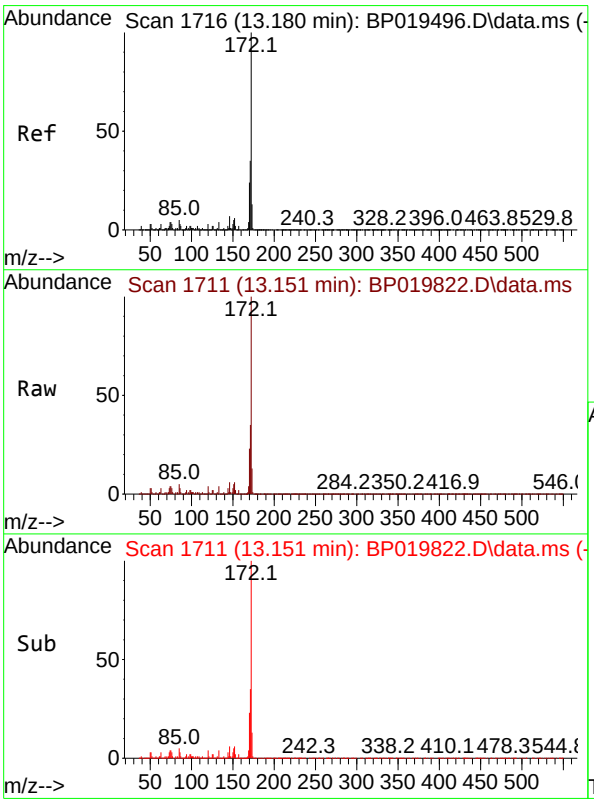
#42
2,4,6-Tribromophenol
Concen: 130.063 ng
RT: 16.022 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP019822.D
Acq: 22 Feb 2024 13:50

Instrument :
BNA_P
ClientSampleId :
10

Tgt Ion:330 Resp: 350975

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.2	115.8
141	28.8	27.0	40.4

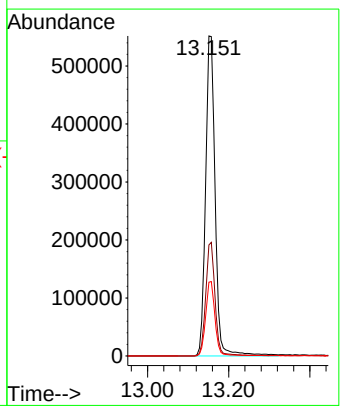


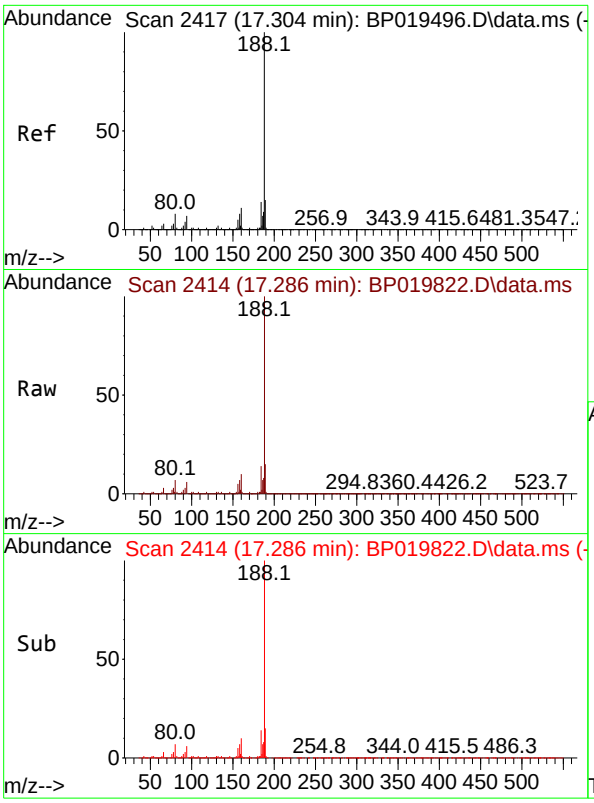


#45
2-Fluorobiphenyl
Concen: 60.218 ng
RT: 13.151 min Scan# 1711
Delta R.T. -0.012 min
Lab File: BP019822.D
Acq: 22 Feb 2024 13:50

Tgt Ion:172 Resp: 900282

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.2	42.4
170	23.1	18.9	28.3



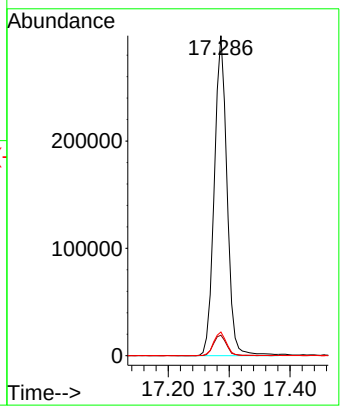


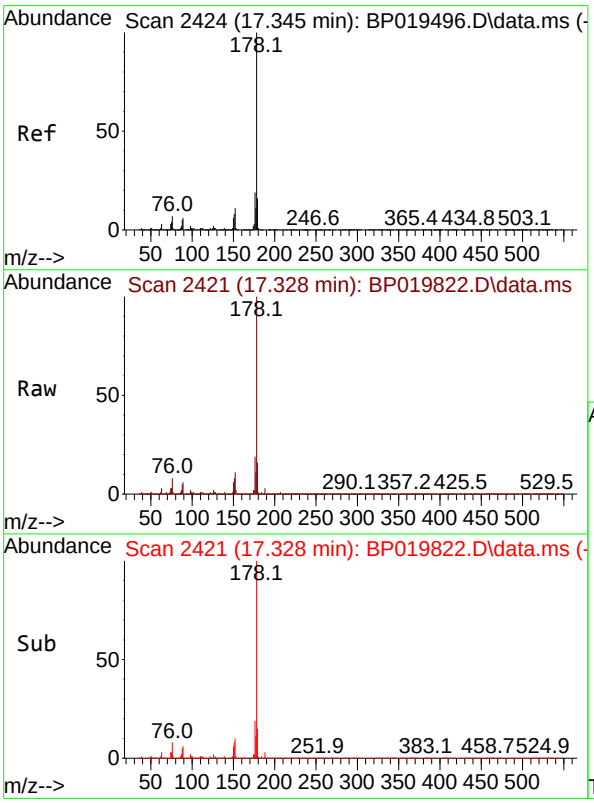
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.286 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP019822.D
Acq: 22 Feb 2024 13:50

Instrument :
BNA_P
ClientSampleId :
10

Tgt Ion:188 Resp: 432573

Ion	Ratio	Lower	Upper
188	100		
94	6.4	5.4	8.2
80	7.4	6.3	9.5

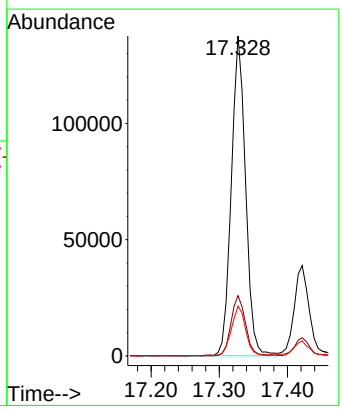


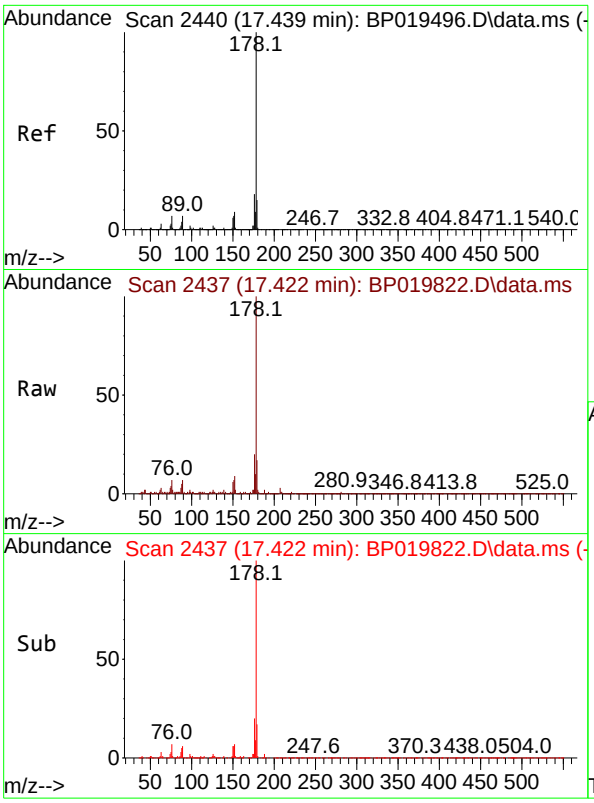


#71
Phenanthrene
Concen: 8.792 ng
RT: 17.328 min Scan# 2421
Delta R.T. -0.012 min
Lab File: BP019822.D
Acq: 22 Feb 2024 13:50

Tgt Ion:178 Resp: 200142

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.5	23.3
179	15.6	12.6	19.0



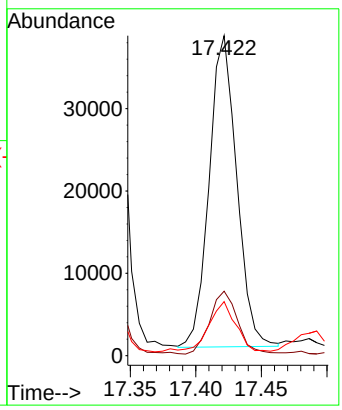


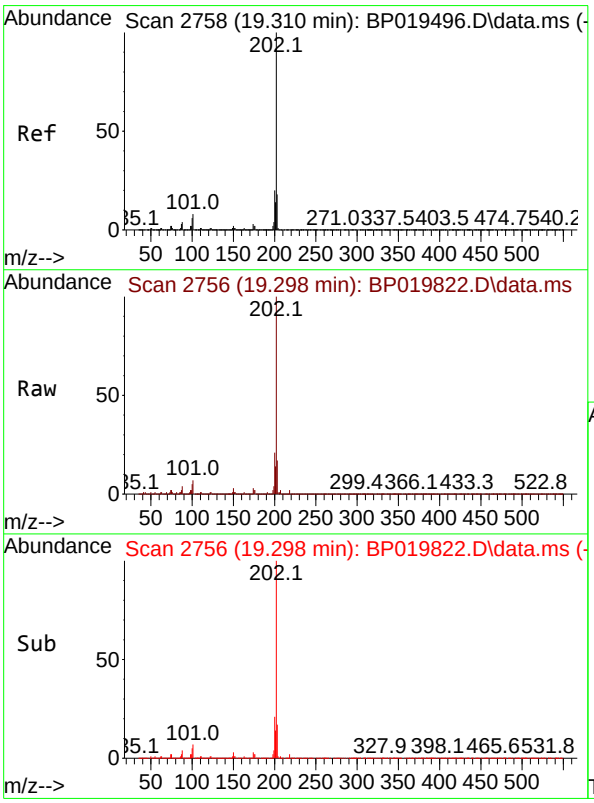
#72
Anthracene
Concen: 2.435 ng
RT: 17.422 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP019822.D
Acq: 22 Feb 2024 13:50

Instrument :
BNA_P
ClientSampleId :
10

Tgt Ion:178 Resp: 55301

Ion	Ratio	Lower	Upper
178	100		
176	20.1	14.7	22.1
179	16.9	12.2	18.2

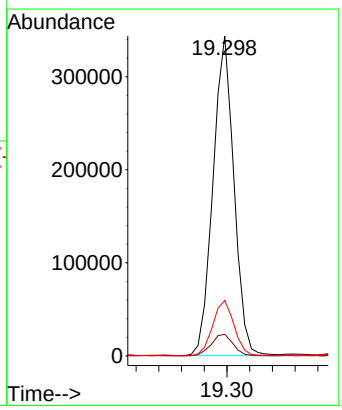


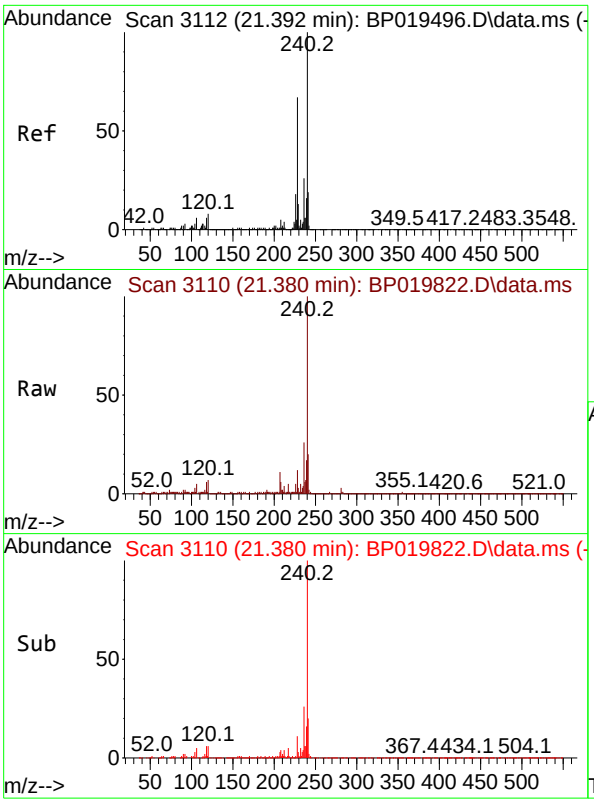


#75
Fluoranthene
Concen: 15.835 ng
RT: 19.298 min Scan# 2756
Delta R.T. -0.006 min
Lab File: BP019822.D
Acq: 22 Feb 2024 13:50

Tgt Ion:202 Resp: 440377

Ion	Ratio	Lower	Upper
202	100		
101	6.7	0.0	27.7
203	17.3	0.0	37.5



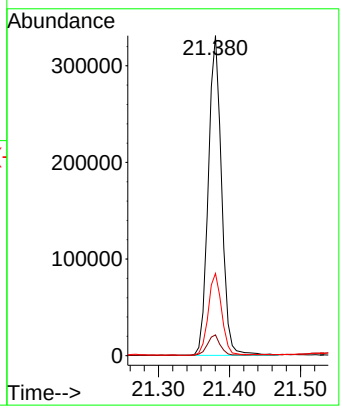


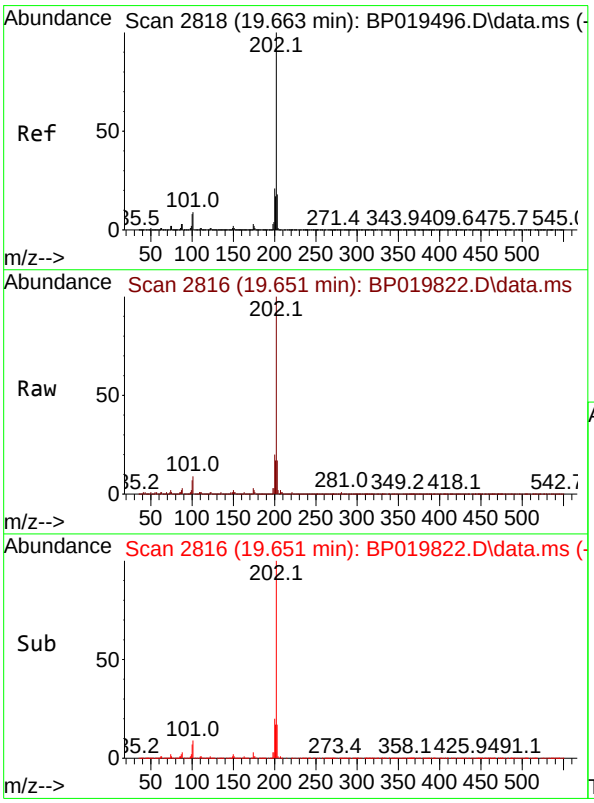
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.380 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP019822.D
Acq: 22 Feb 2024 13:50

Instrument :
BNA_P
ClientSampleId :
10

Tgt Ion:240 Resp: 432004

Ion	Ratio	Lower	Upper
240	100		
120	6.5	6.1	9.1
236	25.7	20.7	31.1

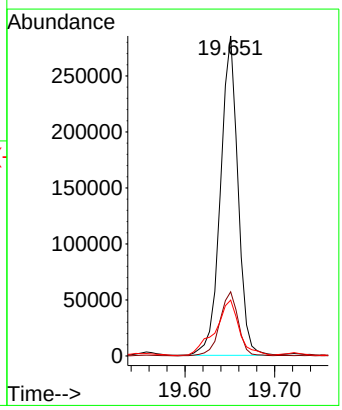


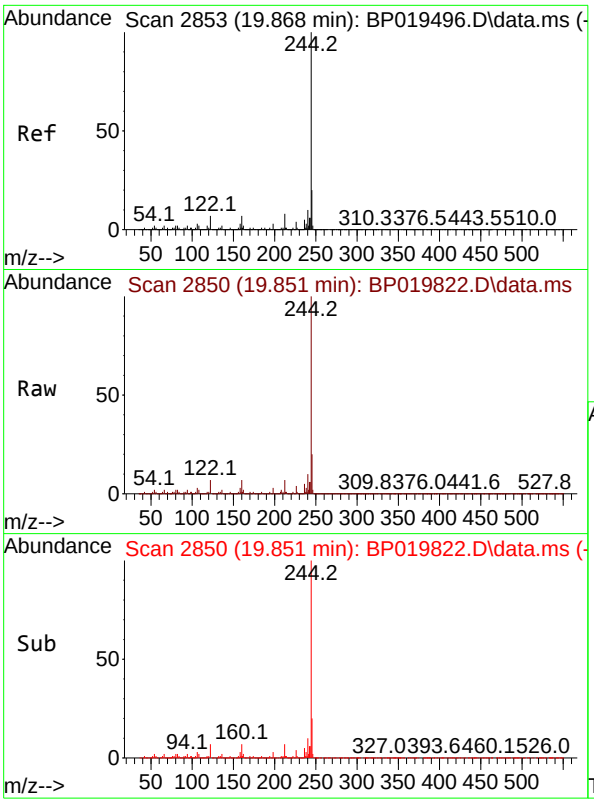


#78
Pyrene
Concen: 12.669 ng
RT: 19.651 min Scan# 2816
Delta R.T. -0.006 min
Lab File: BP019822.D
Acq: 22 Feb 2024 13:50

Tgt Ion:202 Resp: 386271

Ion	Ratio	Lower	Upper
202	100		
200	20.0	16.9	25.3
203	17.5	14.2	21.2



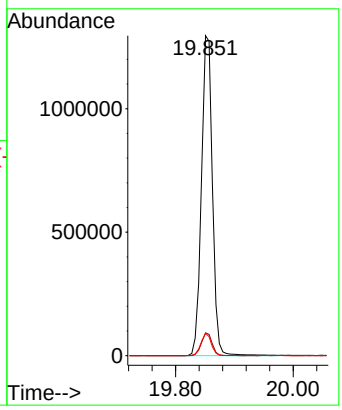


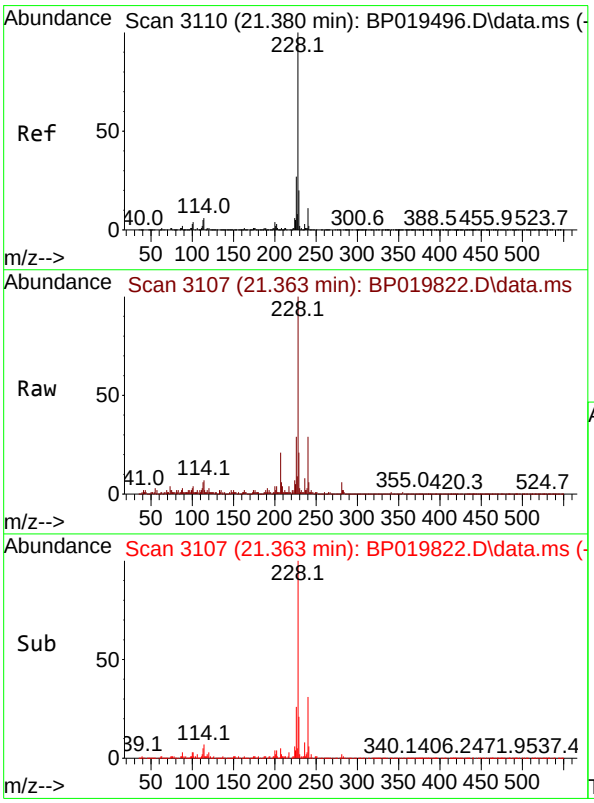
#79
Terphenyl-d14
Concen: 64.187 ng
RT: 19.851 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP019822.D
Acq: 22 Feb 2024 13:50

Instrument :
BNA_P
ClientSampleId :
10

Tgt Ion:244 Resp: 1686124

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	7.0	5.9	8.9

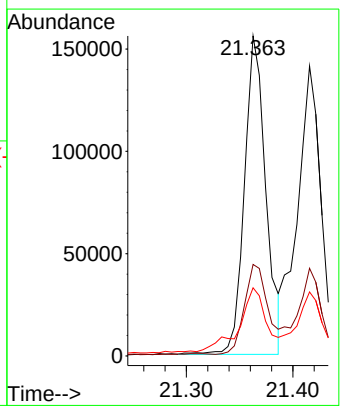


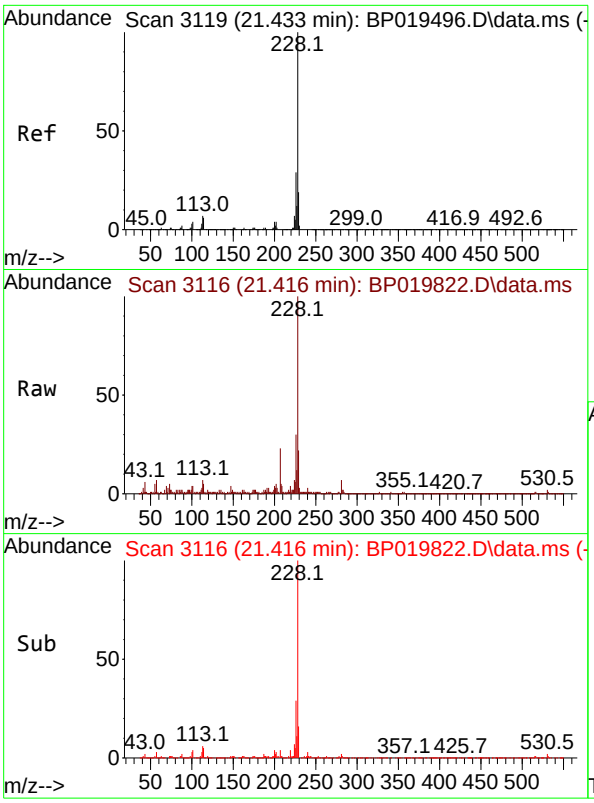


#81
Benzo(a)anthracene
Concen: 7.181 ng
RT: 21.363 min Scan# 3107
Delta R.T. -0.012 min
Lab File: BP019822.D
Acq: 22 Feb 2024 13:50

Tgt Ion:228 Resp: 218375

Ion	Ratio	Lower	Upper
228	100		
226	28.6	21.7	32.5
229	21.3	15.6	23.4



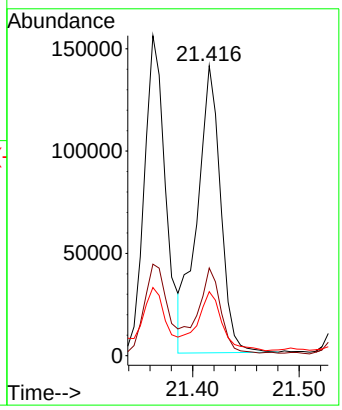


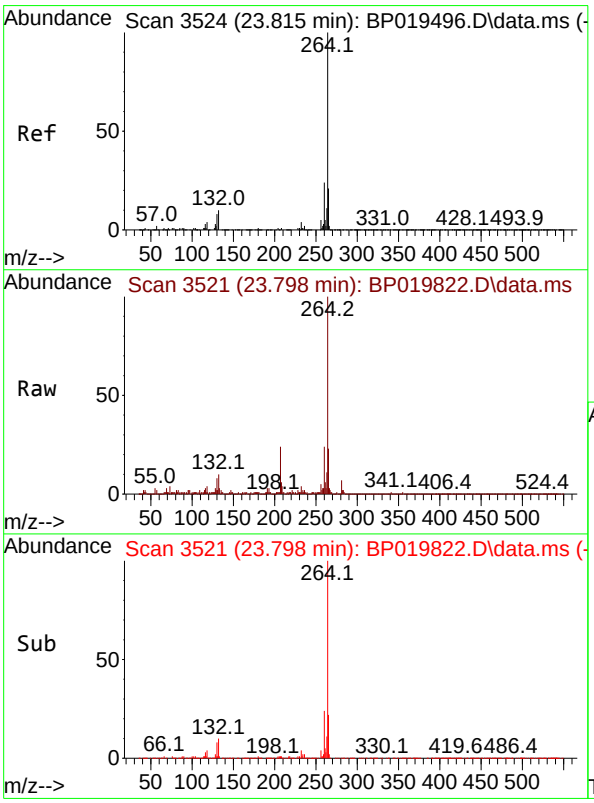
#83
Chrysene
Concen: 7.459 ng
RT: 21.416 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP019822.D
Acq: 22 Feb 2024 13:50

Instrument :
BNA_P
ClientSampleId :
10

Tgt Ion:228 Resp: 215350

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.4	35.2
229	22.1	15.6	23.4

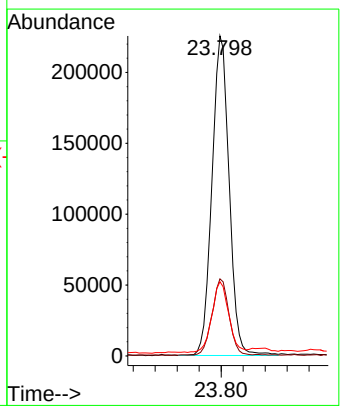


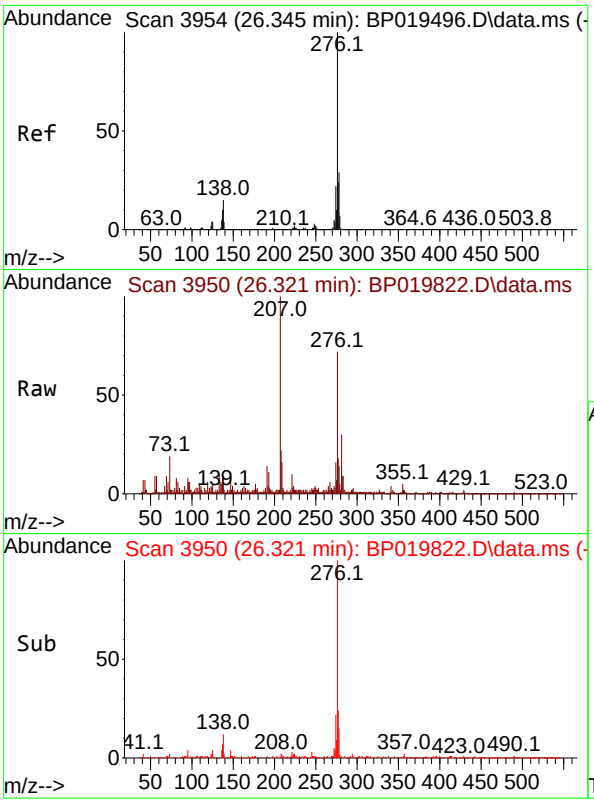


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.798 min Scan# 3521
Delta R.T. -0.012 min
Lab File: BP019822.D
Acq: 22 Feb 2024 13:50

Tgt Ion:264 Resp: 490720

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	23.2	17.0	25.4



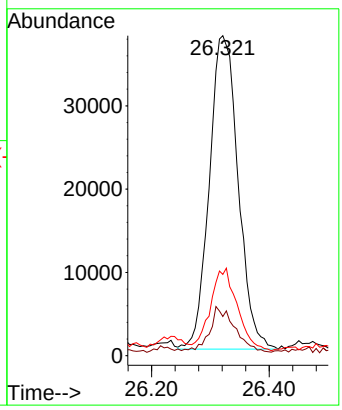


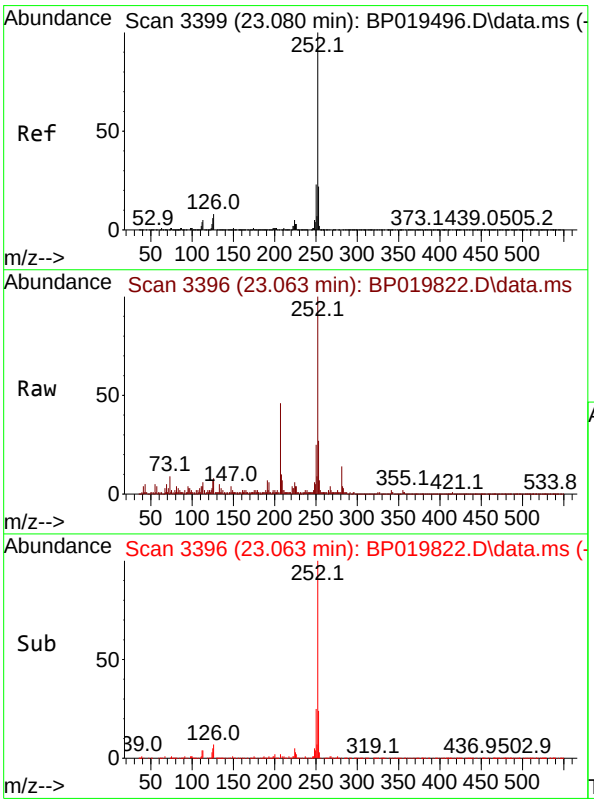
#87
Indeno(1,2,3-cd)pyrene
Concen: 3.414 ng
RT: 26.321 min Scan# 3
Delta R.T. -0.024 min
Lab File: BP019822.D
Acq: 22 Feb 2024 13:50

Instrument :
BNA_P
ClientSampleId :
10

Tgt Ion:276 Resp: 128254

Ion	Ratio	Lower	Upper
276	100		
138	12.7	13.1	19.7#
277	24.7	20.3	30.5

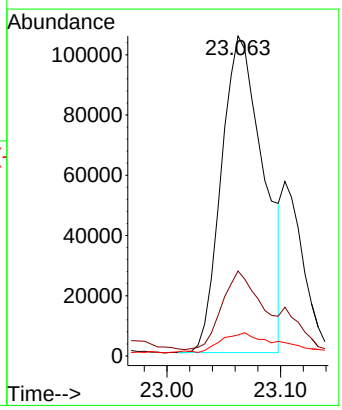


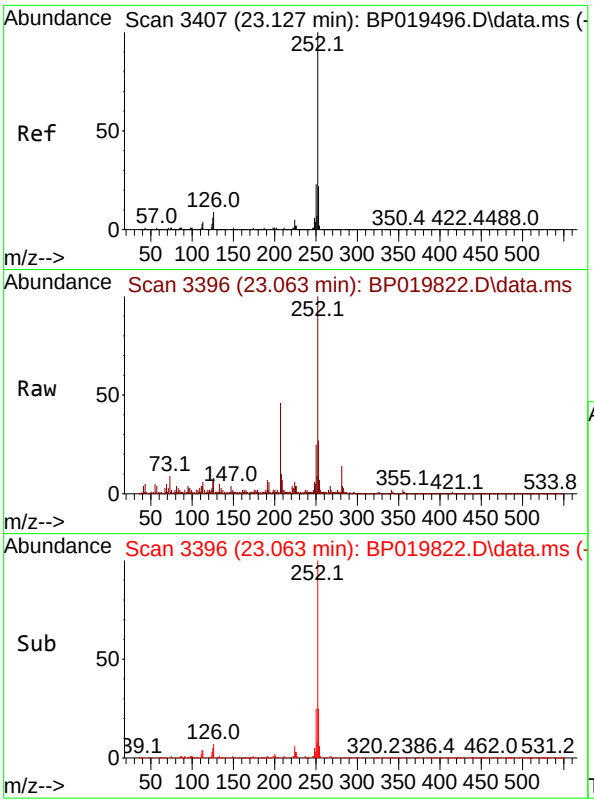


#88
Benzo(b)fluoranthene
Concen: 8.802 ng
RT: 23.063 min Scan# 3396
Delta R.T. -0.012 min
Lab File: BP019822.D
Acq: 22 Feb 2024 13:50

Tgt Ion:252 Resp: 272231

Ion	Ratio	Lower	Upper
252	100		
253	26.5	17.3	25.9#
125	6.5	4.9	7.3



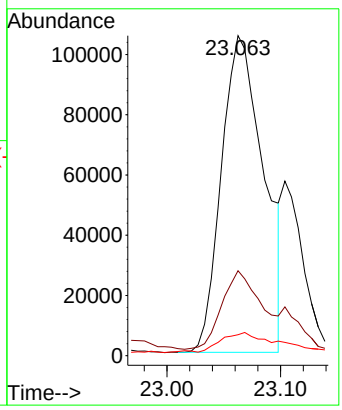


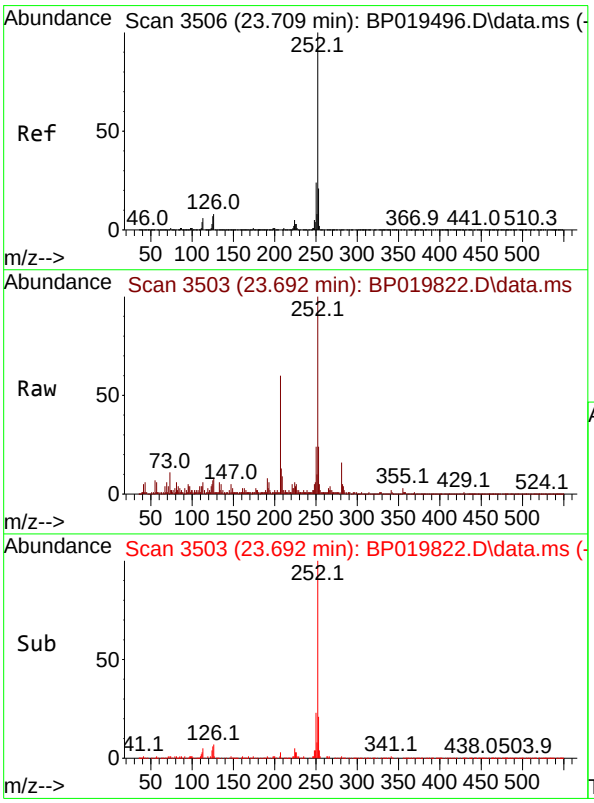
#89
Benzo(k)fluoranthene
Concen: 9.215 ng
RT: 23.063 min Scan# 3
Delta R.T. -0.059 min
Lab File: BP019822.D
Acq: 22 Feb 2024 13:50

Instrument :
BNA_P
ClientSampleId :
10

Tgt Ion:252 Resp: 272231

Ion	Ratio	Lower	Upper
252	100		
253	26.5	17.1	25.7#
125	6.5	5.0	7.6

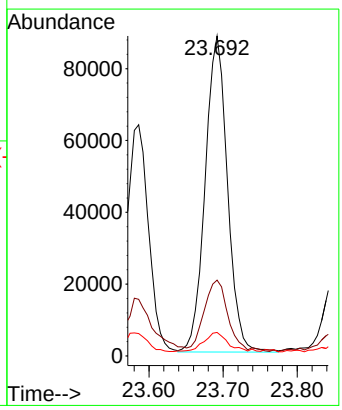


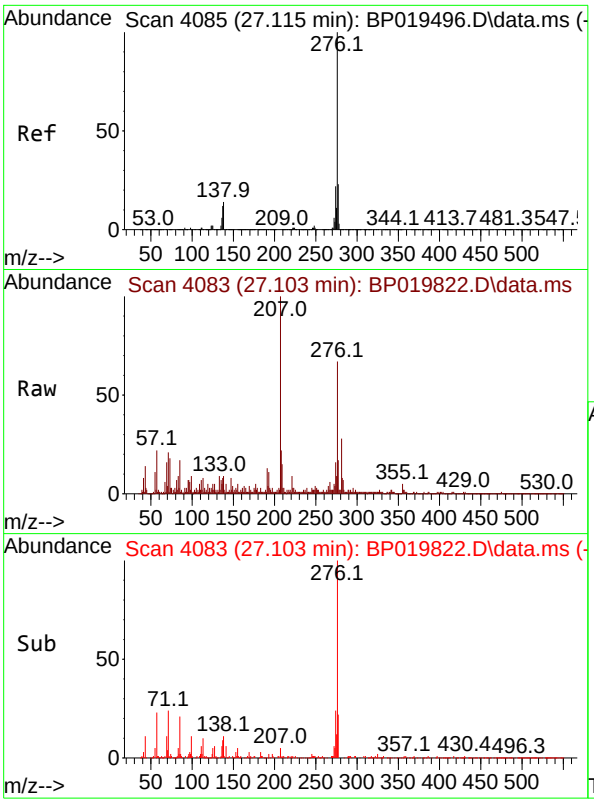


#90
Benzo(a)pyrene
Concen: 6.698 ng
RT: 23.692 min Scan# 3503
Delta R.T. -0.012 min
Lab File: BP019822.D
Acq: 22 Feb 2024 13:50

Tgt Ion:252 Resp: 184312

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.1	25.7
125	7.3	5.6	8.4





#92
Benzo(g,h,i)perylene
Concen: 4.131 ng
RT: 27.103 min Scan# 4
Delta R.T. -0.018 min
Lab File: BP019822.D
Acq: 22 Feb 2024 13:50

Instrument :
BNA_P
ClientSampleId :
10

Tgt Ion:276 Resp: 129485

Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.6	28.0
138	12.8	10.9	16.3