Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021424\
Data File : BP019713.D
Acq On : 14 Feb 2024 21:44
Operator : MA/JU
Sample : P1464-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PN-2(NORTH-AREA)

Quant Time: Feb 14 23:29:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 00:51:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.905	152	74818	20.000	ng		-0.01
21) Naphthalene-d8	10.704	136	252432	20.000	ng		-0.01
39) Acenaphthene-d10	14.540	164	155342	20.000	ng		-0.01
64) Phenanthrene-d10	17.304	188	362834	20.000	ng		0.00
76) Chrysene-d12	21.392	240	395228	20.000	ng		0.00
86) Perylene-d12	23.816	264	472219	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	331537	71.428	ng		0.00
7) Phenol-d6	7.081	99	408753	65.312	ng		0.00
23) Nitrobenzene-d5	9.075	82	277457	47.627	ng		-0.01
42) 2,4,6-Tribromophenol	16.039	330	213811	94.269	ng		0.00
45) 2-Fluorobiphenyl	13.169	172	601231	47.847	ng		-0.01
79) Terphenyl-d14	19.869	244	1157812	48.177	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	10.757	128	27839	2.011	ng	#	87
37) 2-Methylnaphthalene	12.369	142	28544	2.979	ng		95
38) 1-Methylnaphthalene	12.587	142	55590	5.904	ng		96
52) Acenaphthene	14.604	154	19679	2.221	ng		90
56) 4-Nitrophenol	14.751	139	14949	7.596	ng	#	50
57) 2,4-Dinitrotoluene	14.951	165	11285	3.296	ng	#	58
66) n-Nitrosodiphenylamine	15.804	169	71748	6.603	ng	#	50
71) Phenanthrene	17.345	178	125561	6.576	ng		96
75) Fluoranthene	19.310	202	143278	6.142	ng		98
78) Pyrene	19.663	202	157238	5.637	ng		97
81) Benzo(a)anthracene	21.374	228	94866	3.410	ng	#	90
83) Chrysene	21.427	228	94150	3.564	ng	#	92
87) Indeno(1,2,3-cd)pyrene	26.345	276	77564	2.146	ng		94
88) Benzo(b)fluoranthene	23.074	252	147295	4.949	ng	#	87
89) Benzo(k)fluoranthene	23.074	252	147295	5.181	ng	#	86
90) Benzo(a)pyrene	23.704	252	107137	4.046	ng	#	83
92) Benzo(g,h,i)perylene	27.115	276	79433	2.634	ng	#	91

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

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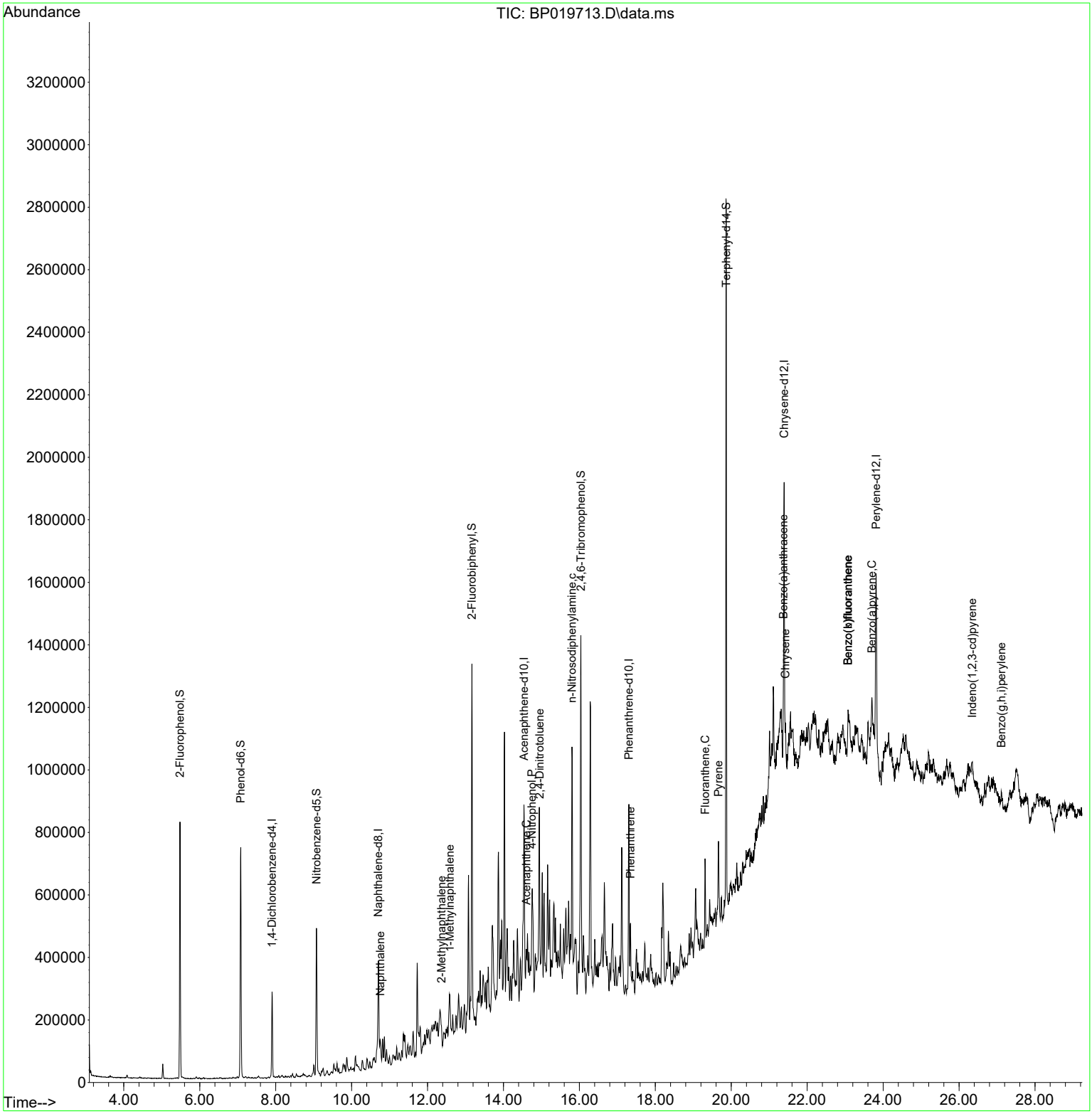
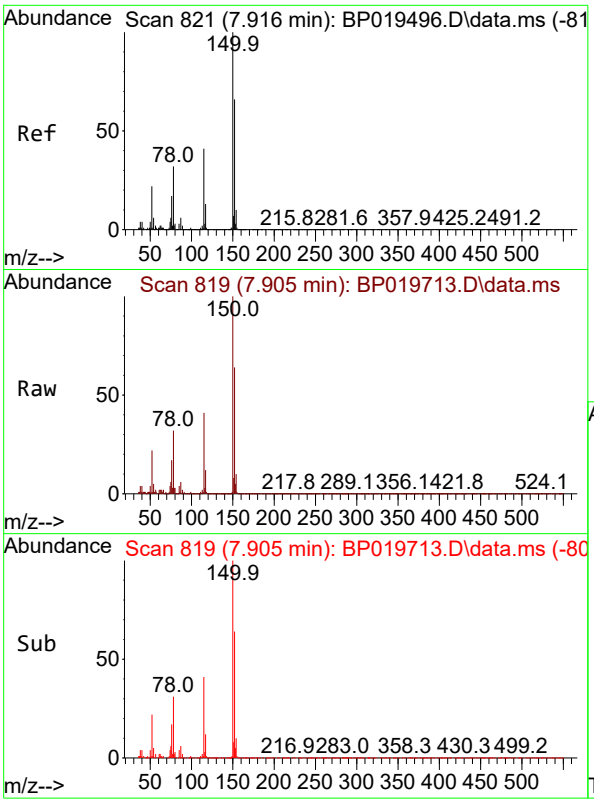


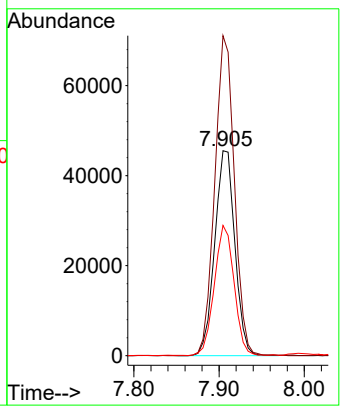


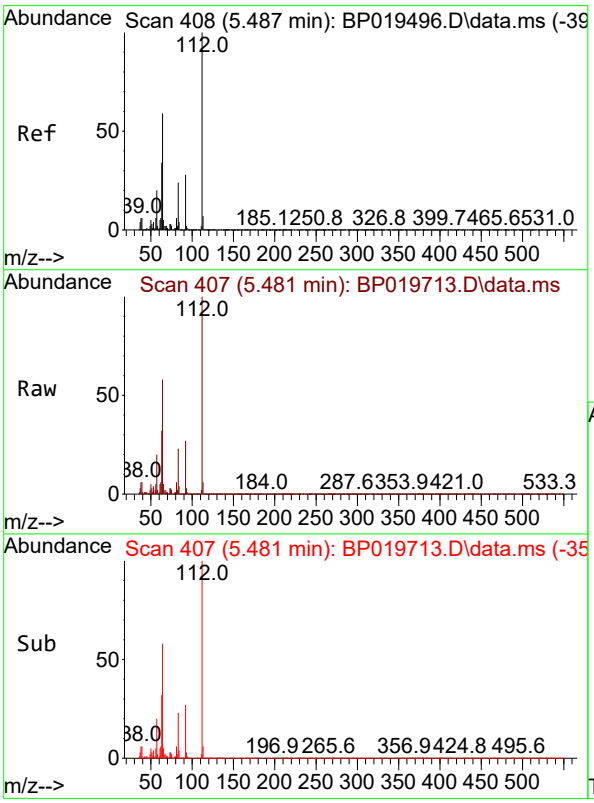
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 8
Delta R.T. -0.011 min
Lab File: BP019713.D
Acq: 14 Feb 2024 21:44

Instrument :
BNA_P
ClientSampleId :
PN-2(NORTH-AREA)

Tgt Ion:152 Resp: 74818

Ion	Ratio	Lower	Upper
152	100		
150	156.1	121.8	182.8
115	63.5	49.9	74.9

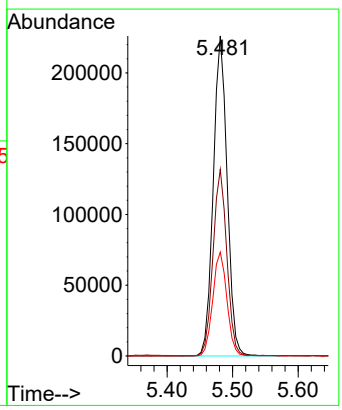


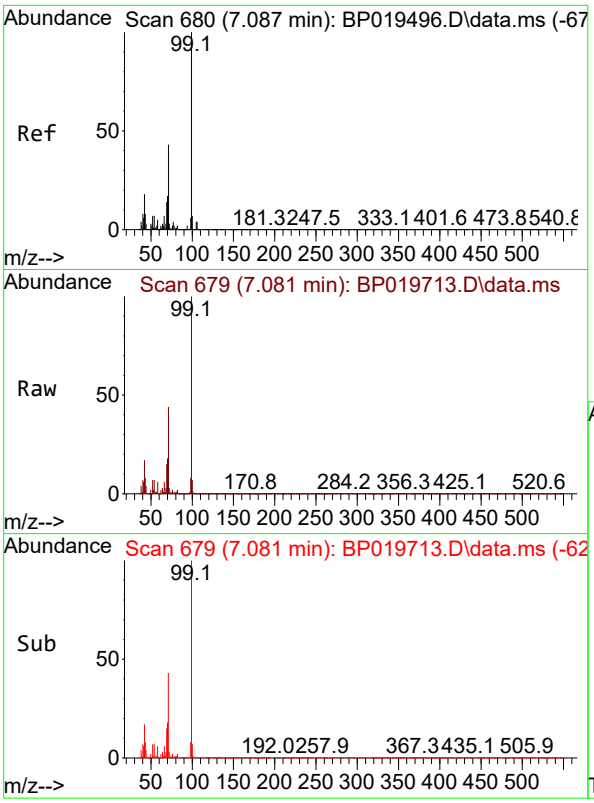


#5
2-Fluorophenol
Concen: 71.428 ng
RT: 5.481 min Scan# 407
Delta R.T. -0.006 min
Lab File: BP019713.D
Acq: 14 Feb 2024 21:44

Tgt Ion:112 Resp: 331537

Ion	Ratio	Lower	Upper
112	100		
64	58.3	47.4	71.0
63	32.5	27.0	40.6



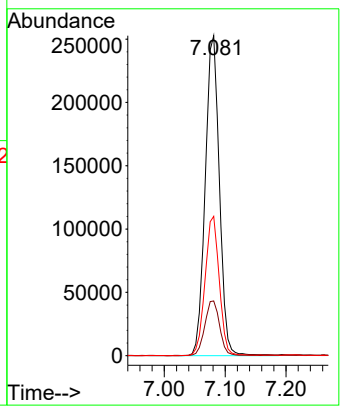


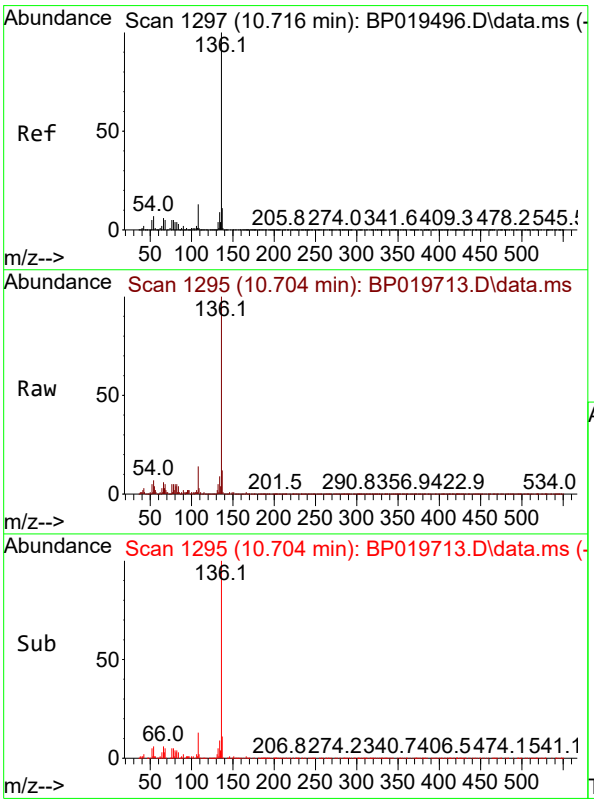
#7
Phenol-d6
Concen: 65.312 ng
RT: 7.081 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP019713.D
Acq: 14 Feb 2024 21:44

Instrument :
BNA_P
ClientSampleId :
PN-2(NORTH-AREA)

Tgt Ion: 99 Resp: 408753

Ion	Ratio	Lower	Upper
99	100		
42	17.1	14.7	22.1
71	43.5	34.8	52.2

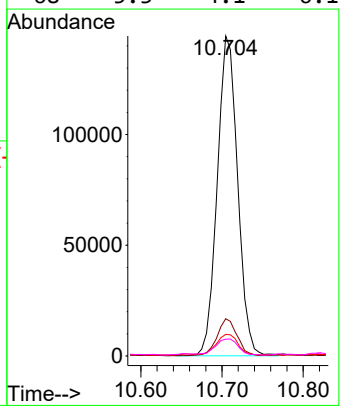


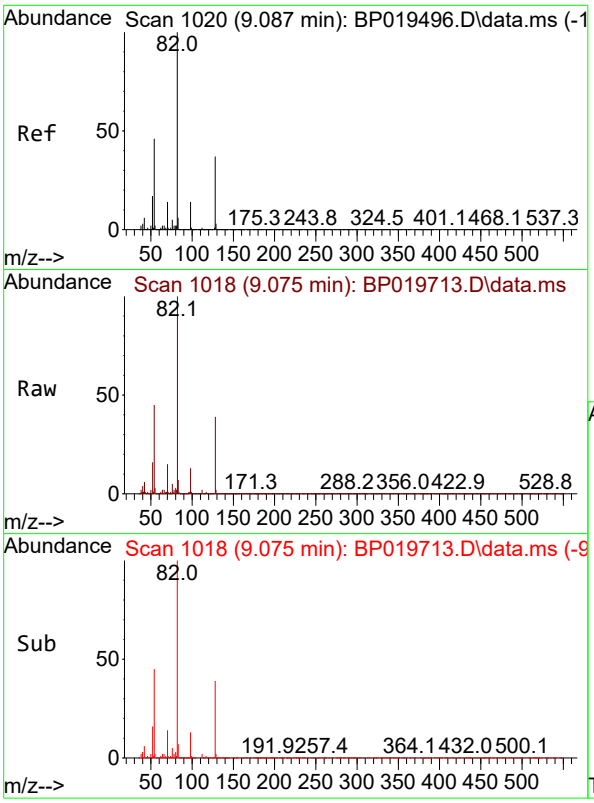


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.011 min
Lab File: BP019713.D
Acq: 14 Feb 2024 21:44

Tgt Ion:136 Resp: 252432

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.8	13.2
54	6.7	5.3	7.9
68	5.3	4.1	6.1



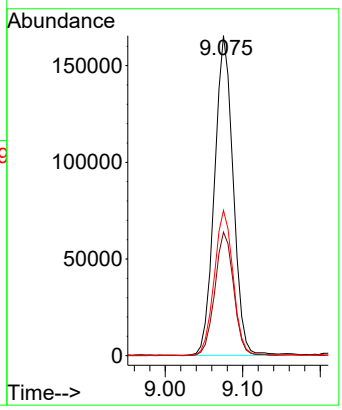


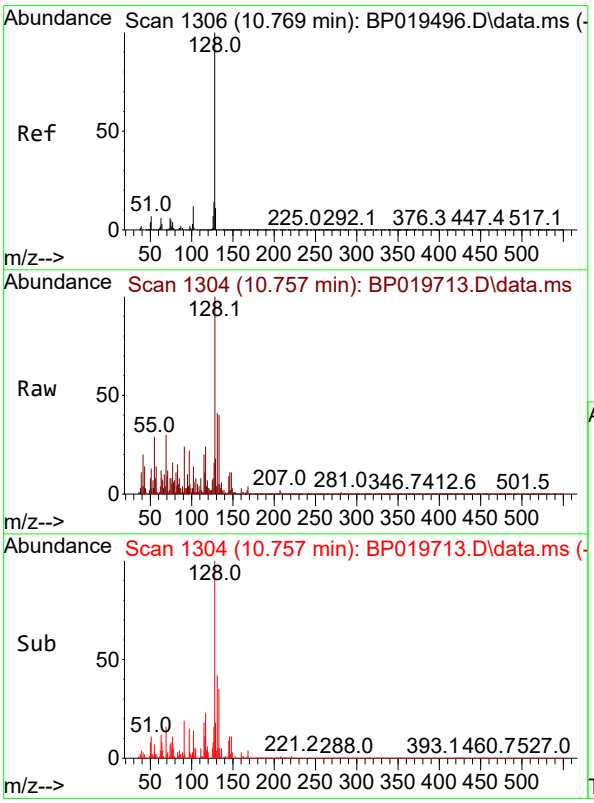
#23
Nitrobenzene-d5
Concen: 47.627 ng
RT: 9.075 min Scan# 1
Delta R.T. -0.011 min
Lab File: BP019713.D
Acq: 14 Feb 2024 21:44

Instrument :
BNA_P
ClientSampleId :
PN-2(NORTH-AREA)

Tgt Ion: 82 Resp: 277457

Ion	Ratio	Lower	Upper
82	100		
128	38.6	29.7	44.5
54	45.4	36.8	55.2

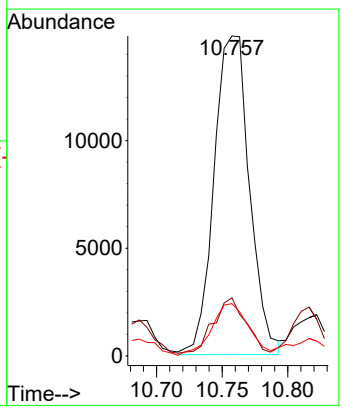


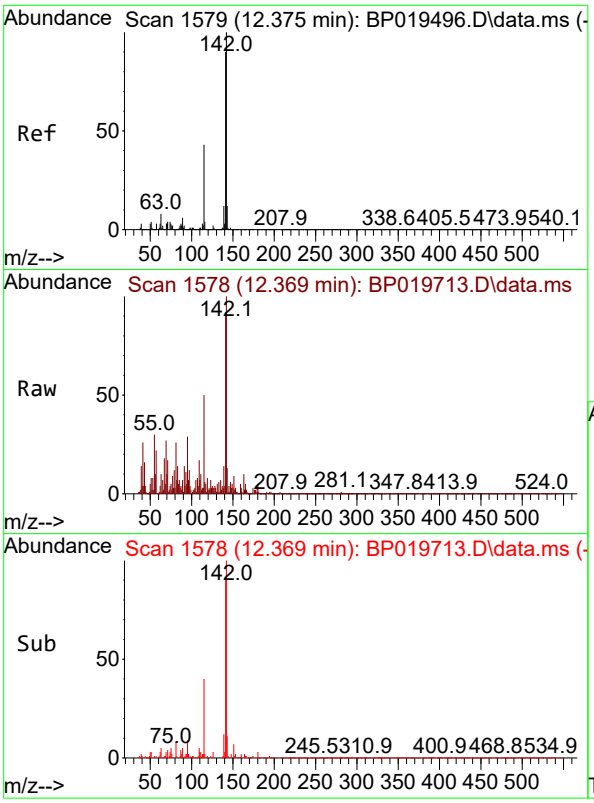


#31
Naphthalene
Concen: 2.011 ng
RT: 10.757 min Scan# 1304
Delta R.T. -0.011 min
Lab File: BP019713.D
Acq: 14 Feb 2024 21:44

Tgt Ion:128 Resp: 27839

Ion	Ratio	Lower	Upper
128	100		
129	18.2	8.6	13.0#
127	16.4	10.8	16.2#



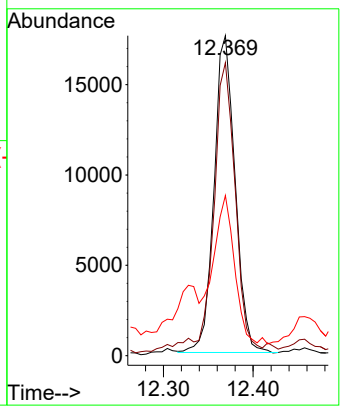


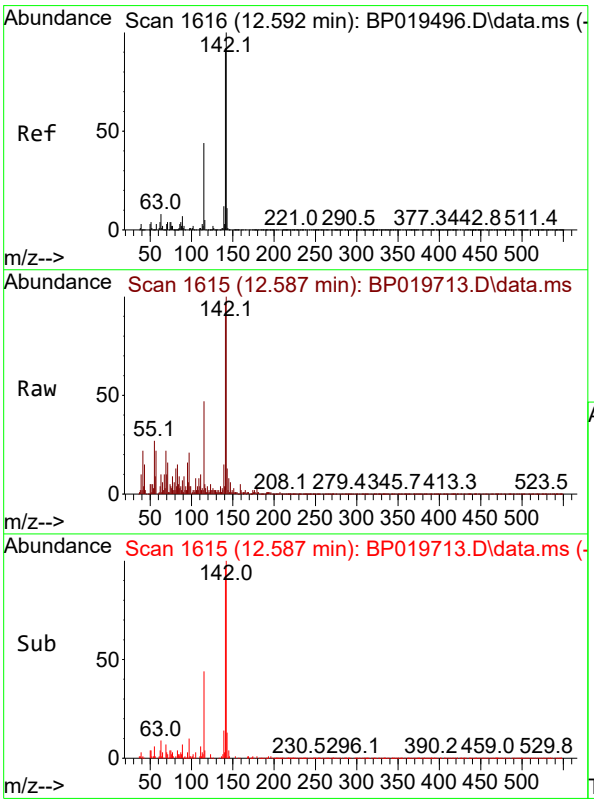
#37
2-Methylnaphthalene
Concen: 2.979 ng
RT: 12.369 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP019713.D
Acq: 14 Feb 2024 21:44

Instrument :
BNA_P
ClientSampleId :
PN-2(NORTH-AREA)

Tgt Ion:142 Resp: 28544

Ion	Ratio	Lower	Upper
142	100		
141	91.6	72.2	108.4
115	50.1	34.2	51.2

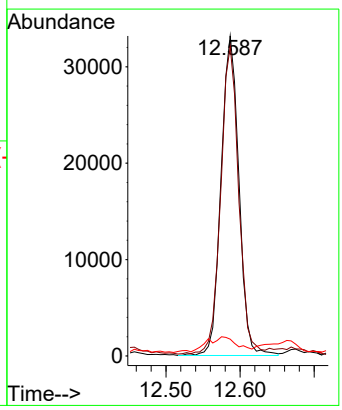


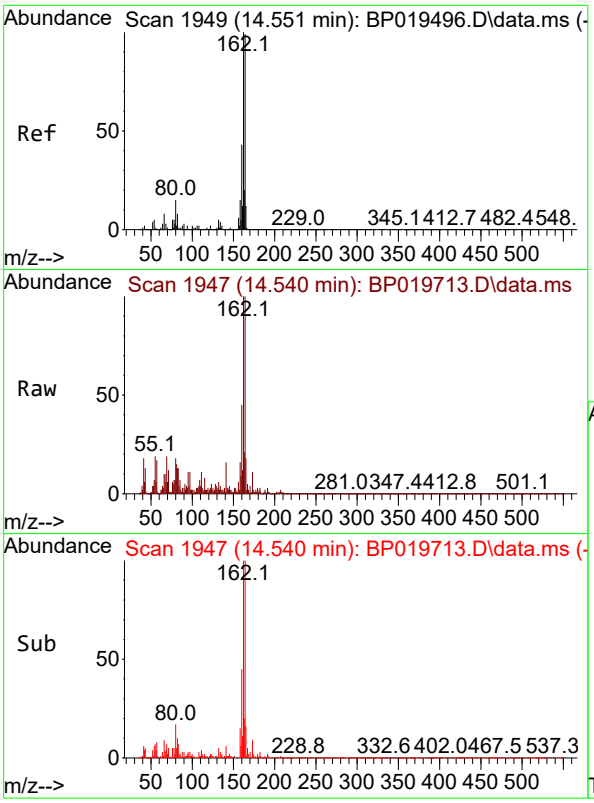


#38
1-Methylnaphthalene
Concen: 5.904 ng
RT: 12.587 min Scan# 1615
Delta R.T. -0.006 min
Lab File: BP019713.D
Acq: 14 Feb 2024 21:44

Tgt Ion:142 Resp: 55590

Ion	Ratio	Lower	Upper
142	100		
141	96.7	74.0	111.0
116	5.3	3.7	5.5



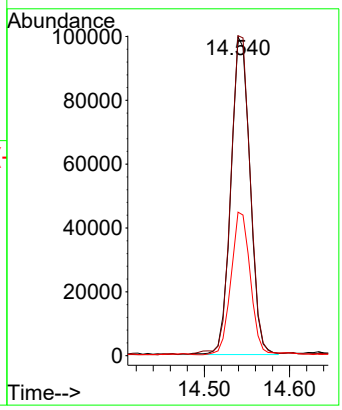


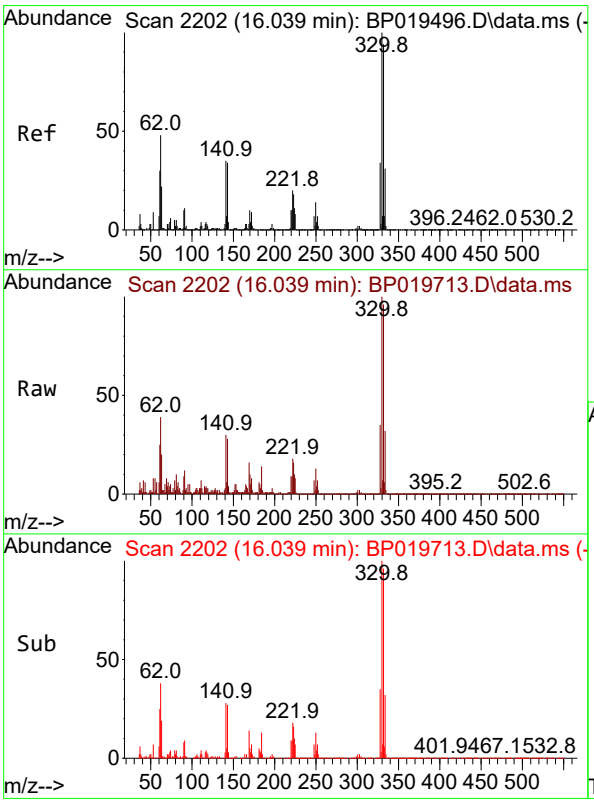
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.540 min Scan# 1
Delta R.T. -0.011 min
Lab File: BP019713.D
Acq: 14 Feb 2024 21:44

Instrument :
BNA_P
ClientSampleId :
PN-2(NORTH-AREA)

Tgt Ion:164 Resp: 155342

Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.2	121.8
160	45.0	35.1	52.7

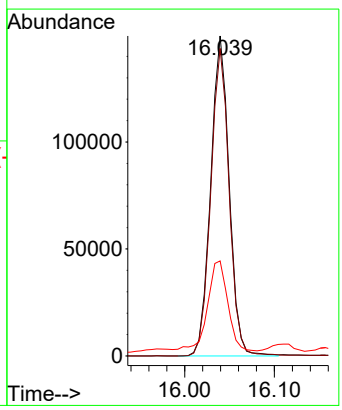


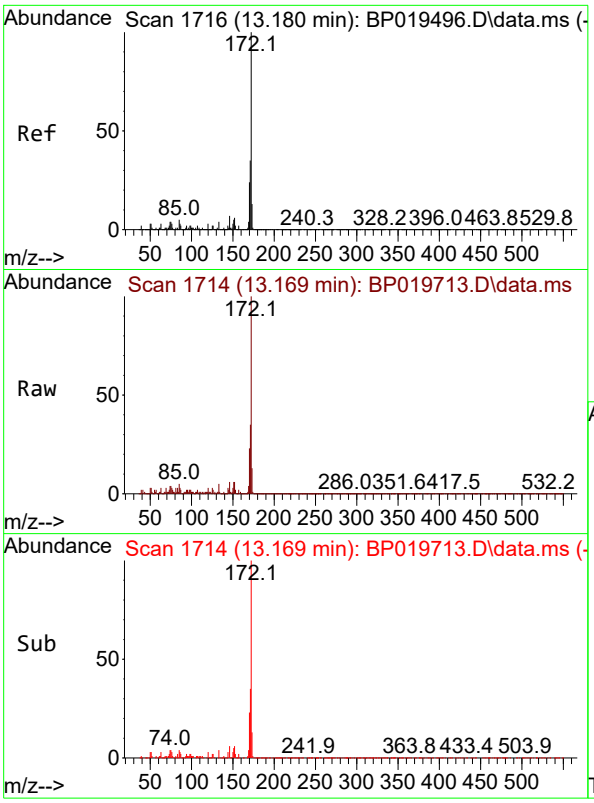


#42
2,4,6-Tribromophenol
Concen: 94.269 ng
RT: 16.039 min Scan# 2202
Delta R.T. 0.000 min
Lab File: BP019713.D
Acq: 14 Feb 2024 21:44

Tgt Ion:330 Resp: 213811

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.2	115.8
141	30.5	27.0	40.4



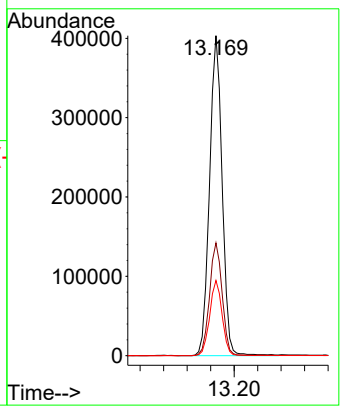


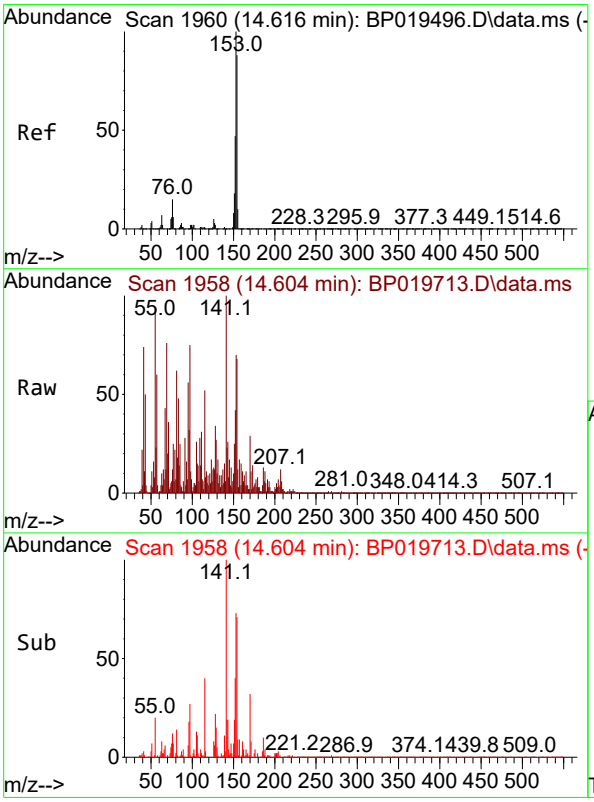
#45
2-Fluorobiphenyl
Concen: 47.847 ng
RT: 13.169 min Scan# 1
Delta R.T. -0.011 min
Lab File: BP019713.D
Acq: 14 Feb 2024 21:44

Instrument :
BNA_P
ClientSampleId :
PN-2(NORTH-AREA)

Tgt Ion:172 Resp: 601231

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.2	42.4
170	23.5	18.9	28.3

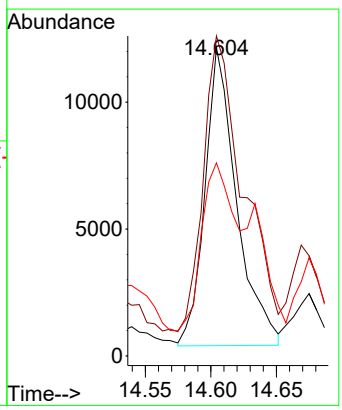


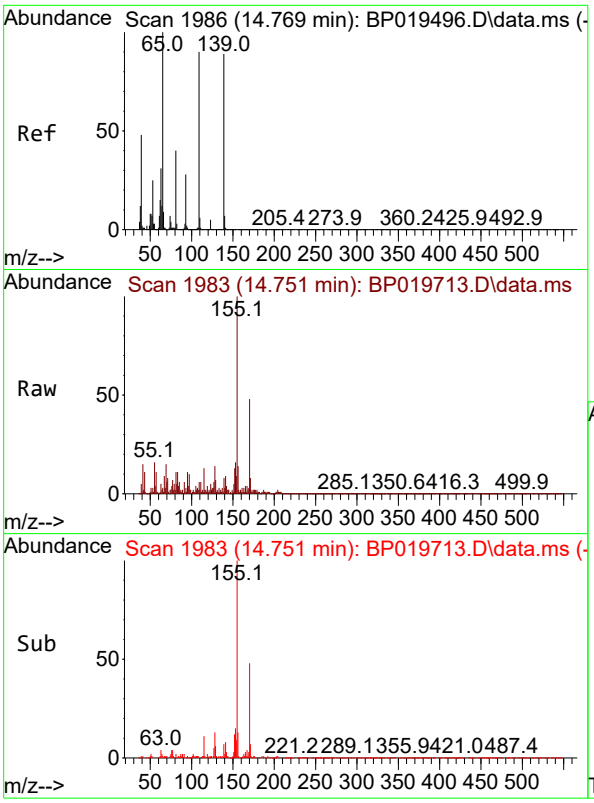


#52
Acenaphthene
Concen: 2.221 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.011 min
Lab File: BP019713.D
Acq: 14 Feb 2024 21:44

Tgt Ion:154 Resp: 19679

Ion	Ratio	Lower	Upper
154	100		
153	103.8	90.5	135.7
152	62.6	42.1	63.1



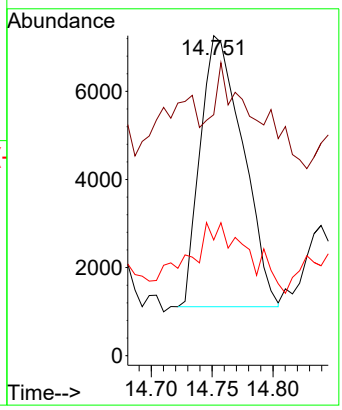


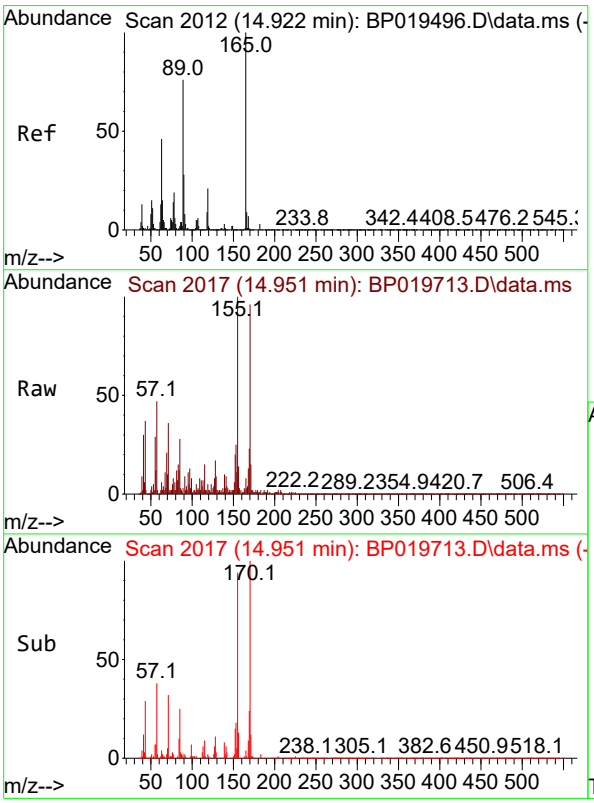
#56
4-Nitrophenol
Concen: 7.596 ng
RT: 14.751 min Scan# 1
Delta R.T. -0.017 min
Lab File: BP019713.D
Acq: 14 Feb 2024 21:44

Instrument :
BNA_P
ClientSampleId :
PN-2(NORTH-AREA)

Tgt Ion:139 Resp: 14949

Ion	Ratio	Lower	Upper
139	100		
109	75.3	82.0	122.0#
65	36.2	92.9	132.9#

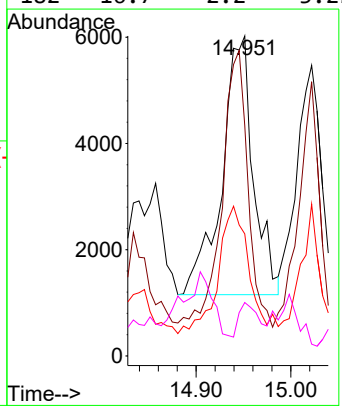


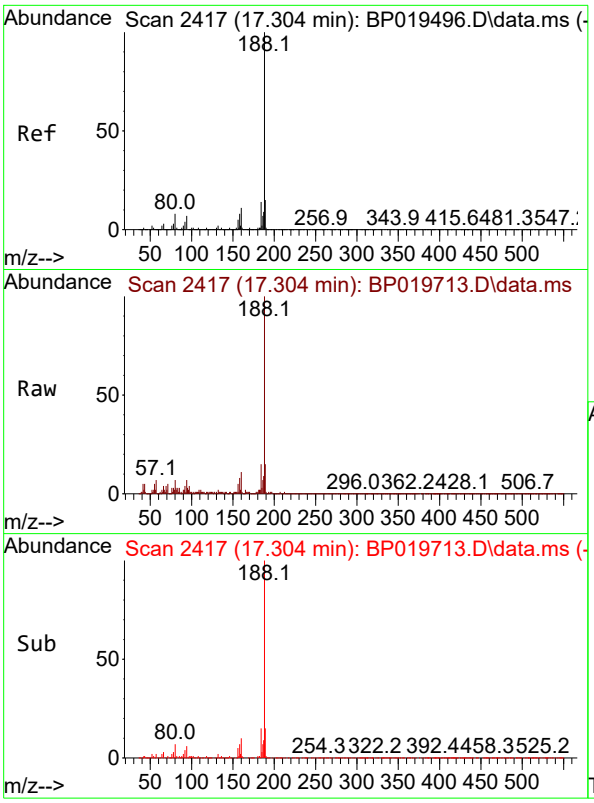


#57
2,4-Dinitrotoluene
Concen: 3.296 ng
RT: 14.951 min Scan# 2017
Delta R.T. 0.030 min
Lab File: BP019713.D
Acq: 14 Feb 2024 21:44

Tgt Ion:165 Resp: 11285

Ion	Ratio	Lower	Upper
165	100		
63	72.1	36.9	55.3#
89	38.2	61.1	91.7#
182	16.7	2.2	3.2#



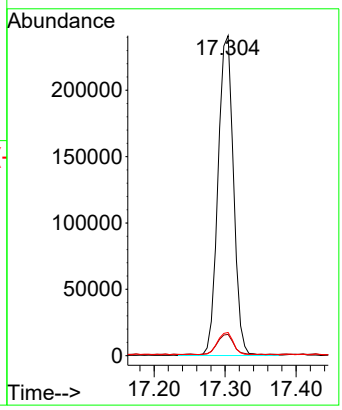


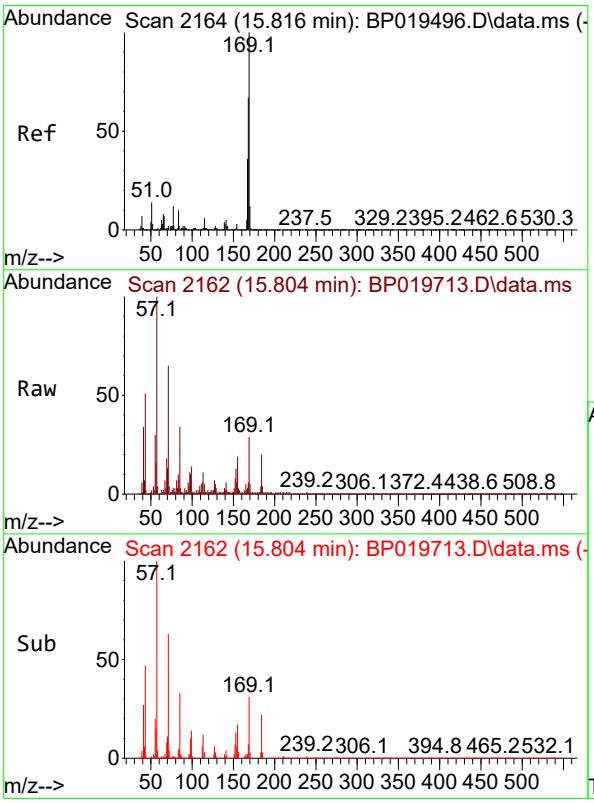
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.304 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP019713.D
Acq: 14 Feb 2024 21:44

Instrument :
BNA_P
ClientSampleId :
PN-2(NORTH-AREA)

Tgt Ion:188 Resp: 362834

Ion	Ratio	Lower	Upper
188	100		
94	6.7	5.4	8.2
80	7.2	6.3	9.5

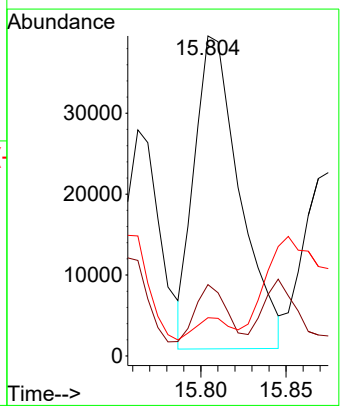


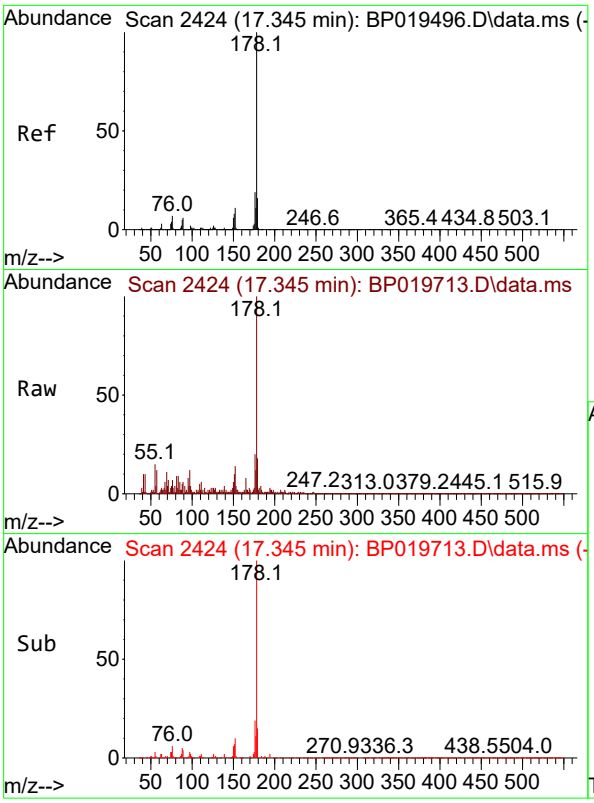


#66
n-Nitrosodiphenylamine
Concen: 6.603 ng
RT: 15.804 min Scan# 2162
Delta R.T. -0.011 min
Lab File: BP019713.D
Acq: 14 Feb 2024 21:44

Tgt Ion:169 Resp: 71748

Ion	Ratio	Lower	Upper
169	100		
168	22.3	53.4	80.2#
167	11.9	28.9	43.3#



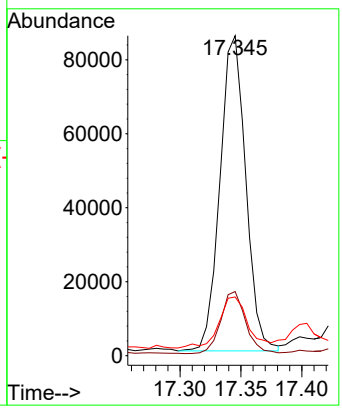


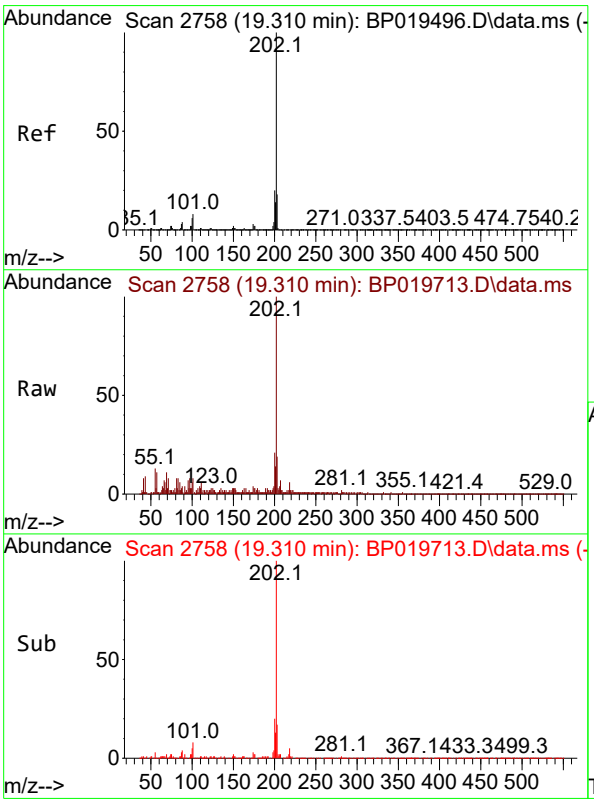
#71
Phenanthrene
Concen: 6.576 ng
RT: 17.345 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP019713.D
Acq: 14 Feb 2024 21:44

Instrument :
BNA_P
ClientSampleId :
PN-2(NORTH-AREA)

Tgt Ion:178 Resp: 125561

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.5	23.3
179	18.4	12.6	19.0

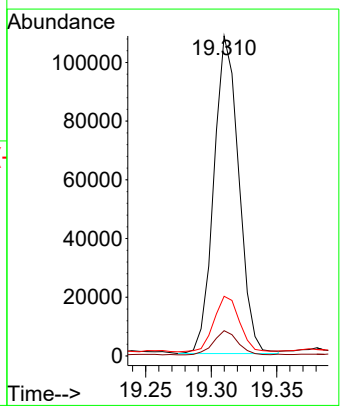


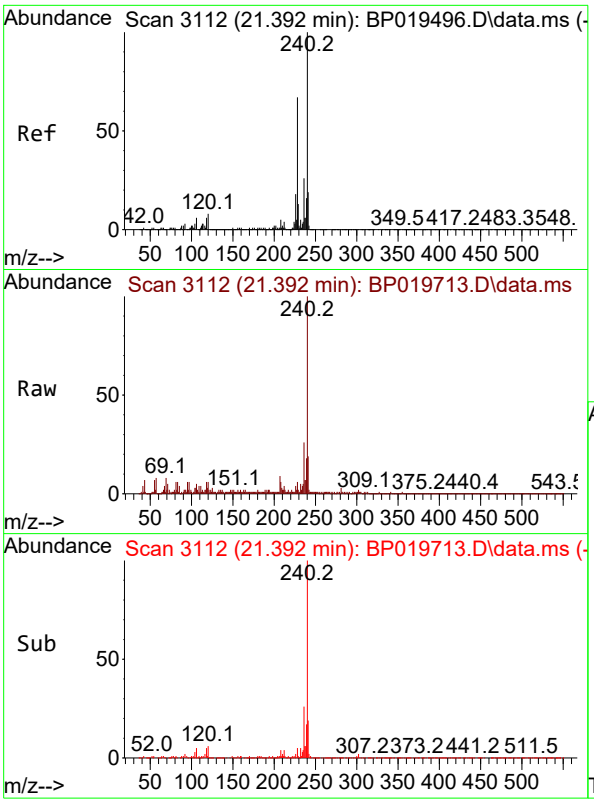


#75
Fluoranthene
Concen: 6.142 ng
RT: 19.310 min Scan# 2758
Delta R.T. 0.000 min
Lab File: BP019713.D
Acq: 14 Feb 2024 21:44

Tgt Ion:202 Resp: 143278

Ion	Ratio	Lower	Upper
202	100		
101	7.9	0.0	27.7
203	18.6	0.0	37.5



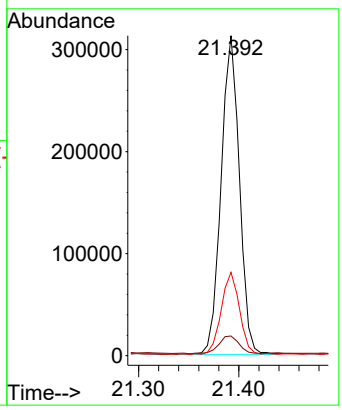


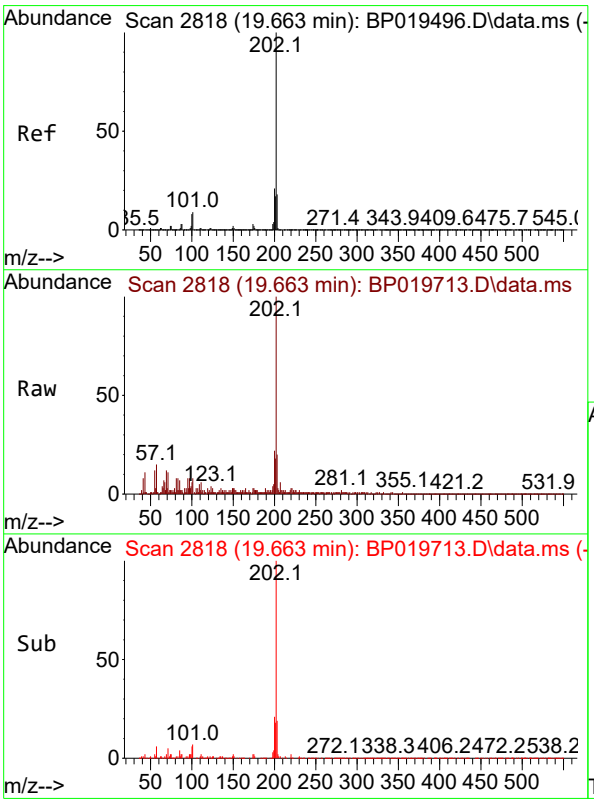
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.392 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP019713.D
Acq: 14 Feb 2024 21:44

Instrument :
BNA_P
ClientSampleId :
PN-2(NORTH-AREA)

Tgt Ion:240 Resp: 395228

Ion	Ratio	Lower	Upper
240	100		
120	6.1	6.1	9.1
236	26.0	20.7	31.1

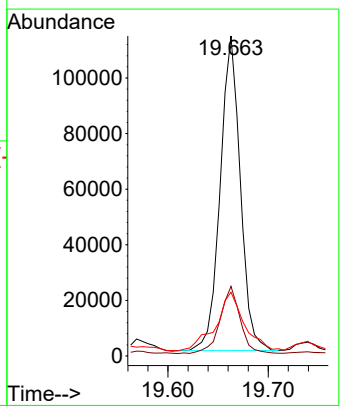


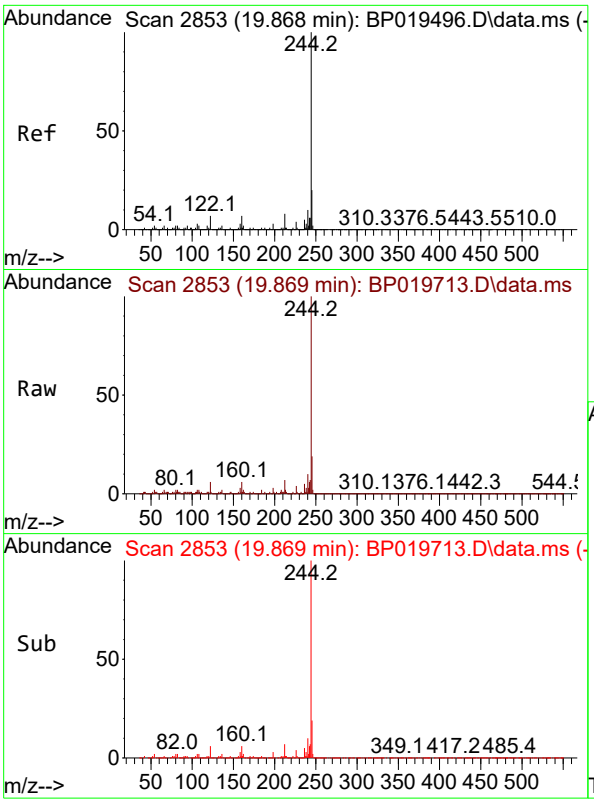


#78
Pyrene
Concen: 5.637 ng
RT: 19.663 min Scan# 2818
Delta R.T. 0.000 min
Lab File: BP019713.D
Acq: 14 Feb 2024 21:44

Tgt Ion:202 Resp: 157238

Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.9	25.3
203	19.9	14.2	21.2



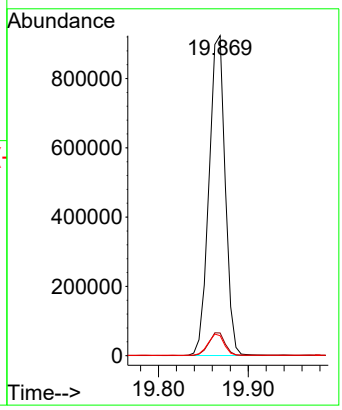


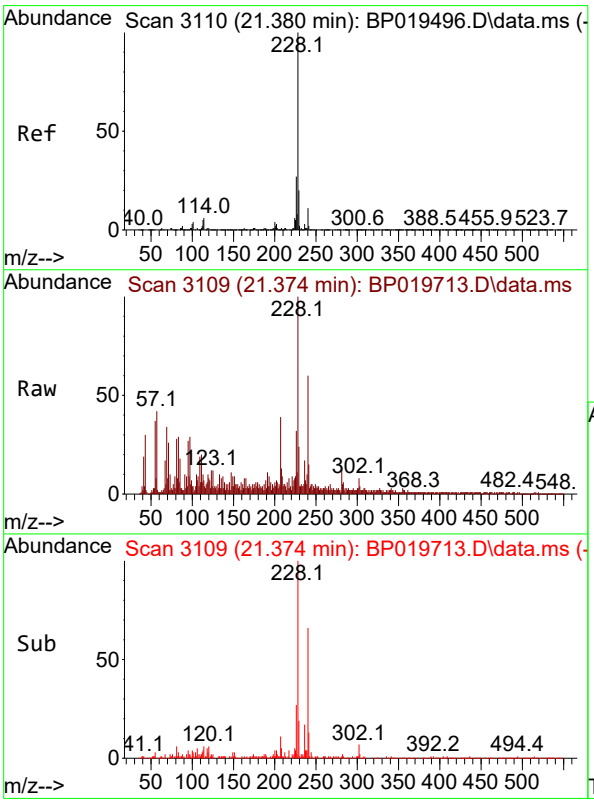
#79
Terphenyl-d14
Concen: 48.177 ng
RT: 19.869 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP019713.D
Acq: 14 Feb 2024 21:44

Instrument :
BNA_P
ClientSampleId :
PN-2(NORTH-AREA)

Tgt Ion:244 Resp: 1157812

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.1	9.1
122	6.2	5.9	8.9

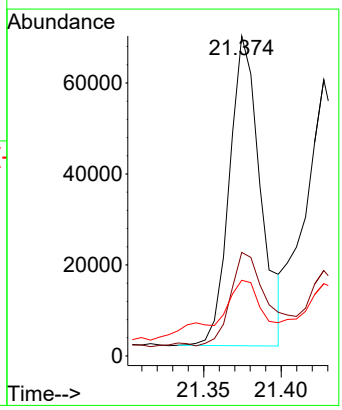


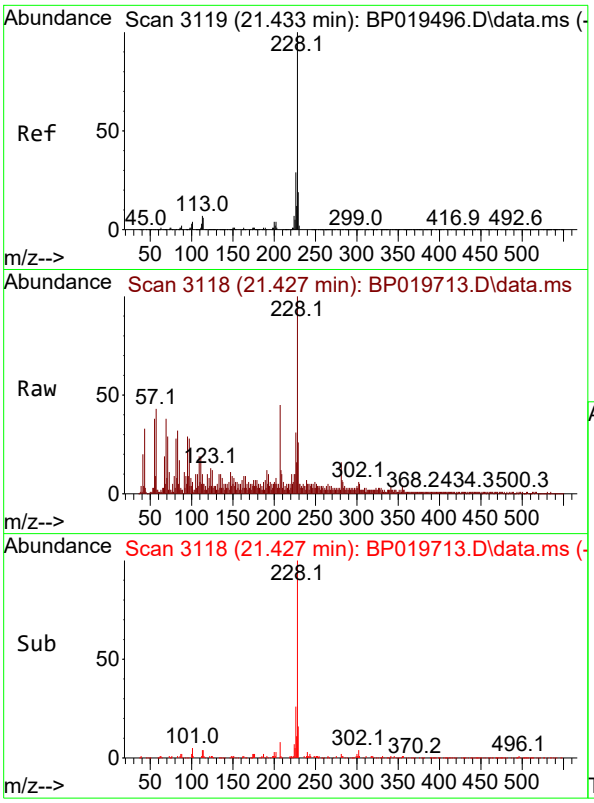


#81
Benzo(a)anthracene
Concen: 3.410 ng
RT: 21.374 min Scan# 3109
Delta R.T. -0.006 min
Lab File: BP019713.D
Acq: 14 Feb 2024 21:44

Tgt Ion:228 Resp: 94866

Ion	Ratio	Lower	Upper
228	100		
226	32.4	21.7	32.5
229	23.6	15.6	23.4#



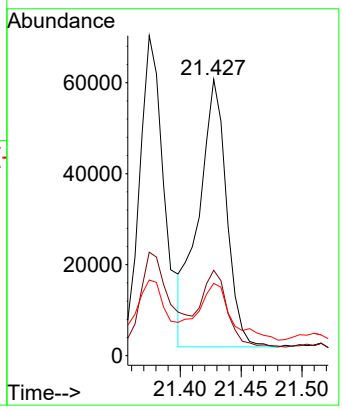


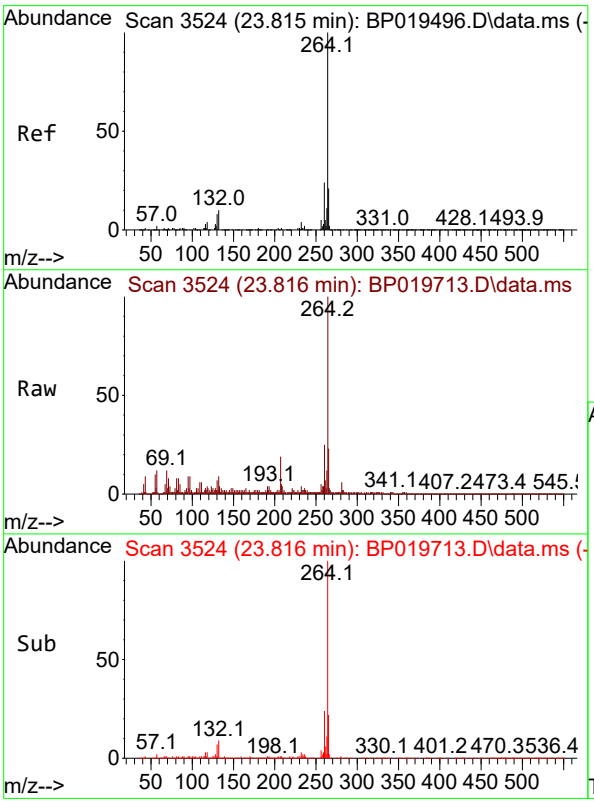
#83
Chrysene
Concen: 3.564 ng
RT: 21.427 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP019713.D
Acq: 14 Feb 2024 21:44

Instrument :
BNA_P
ClientSampleId :
PN-2(NORTH-AREA)

Tgt Ion:228 Resp: 94150

Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.4	35.2
229	26.2	15.6	23.4#

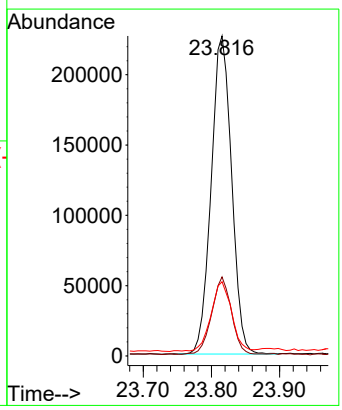


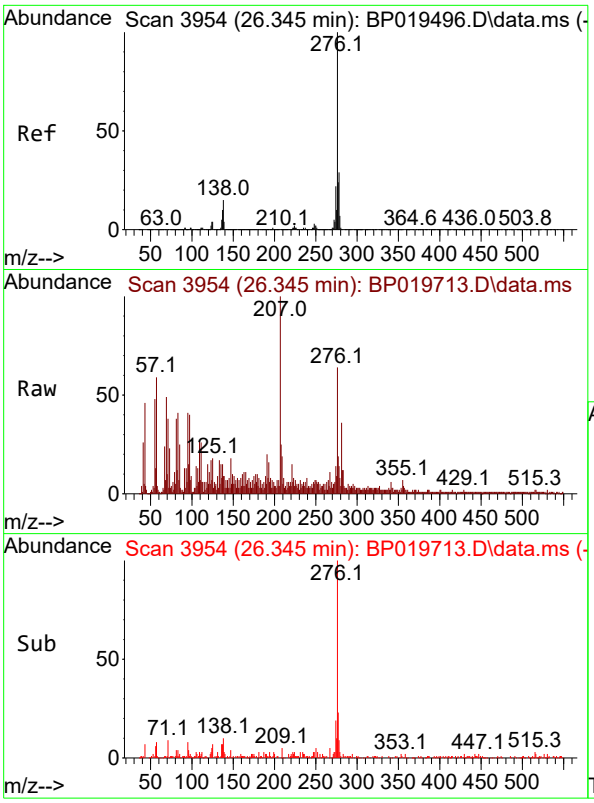


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.816 min Scan# 3524
Delta R.T. 0.000 min
Lab File: BP019713.D
Acq: 14 Feb 2024 21:44

Tgt Ion:264 Resp: 472219

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	23.2	17.0	25.4



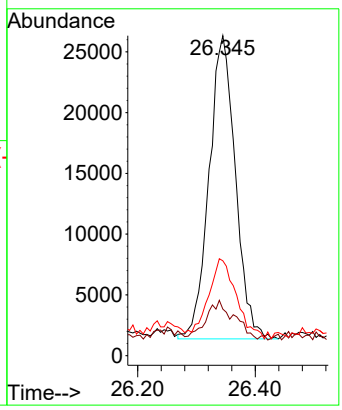


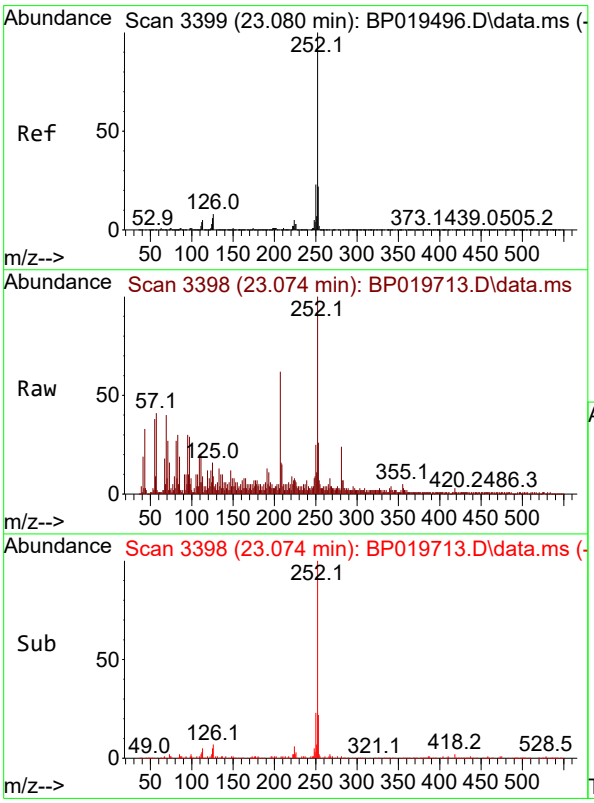
#87
Indeno(1,2,3-cd)pyrene
Concen: 2.146 ng
RT: 26.345 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP019713.D
Acq: 14 Feb 2024 21:44

Instrument :
BNA_P
ClientSampleId :
PN-2(NORTH-AREA)

Tgt Ion:276 Resp: 77564

Ion	Ratio	Lower	Upper
276	100		
138	13.5	13.1	19.7
277	28.5	20.3	30.5

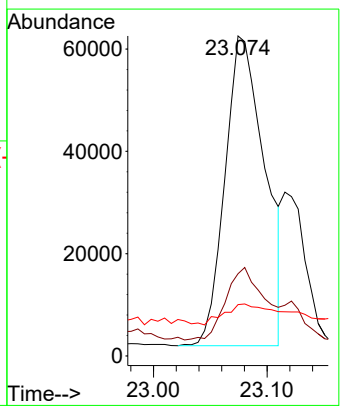


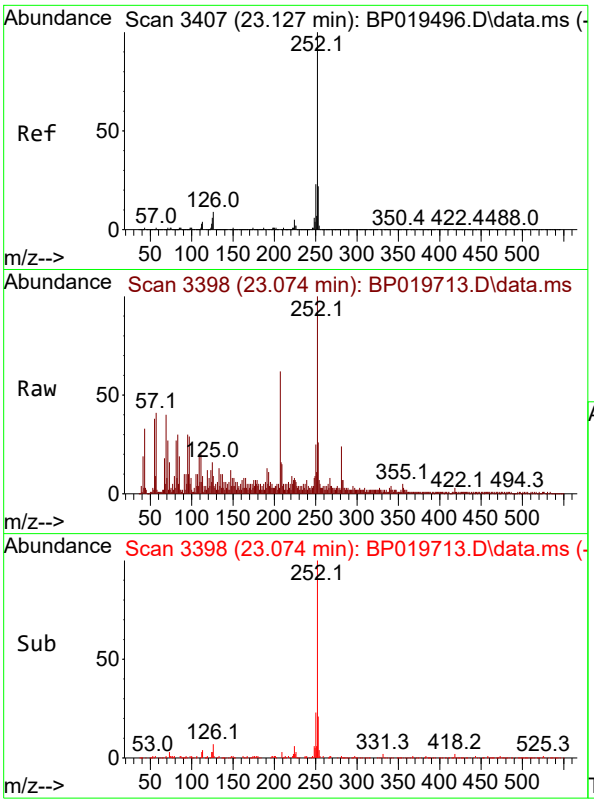


#88
Benzo(b)fluoranthene
Concen: 4.949 ng
RT: 23.074 min Scan# 3398
Delta R.T. -0.006 min
Lab File: BP019713.D
Acq: 14 Feb 2024 21:44

Tgt Ion:252 Resp: 147295

Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.3	25.9
125	16.1	4.9	7.3#



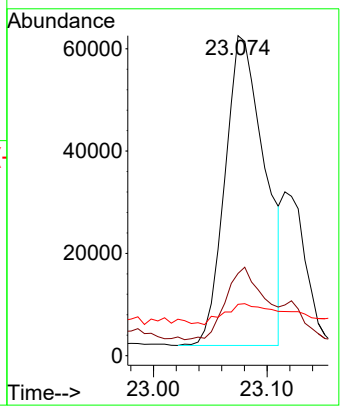


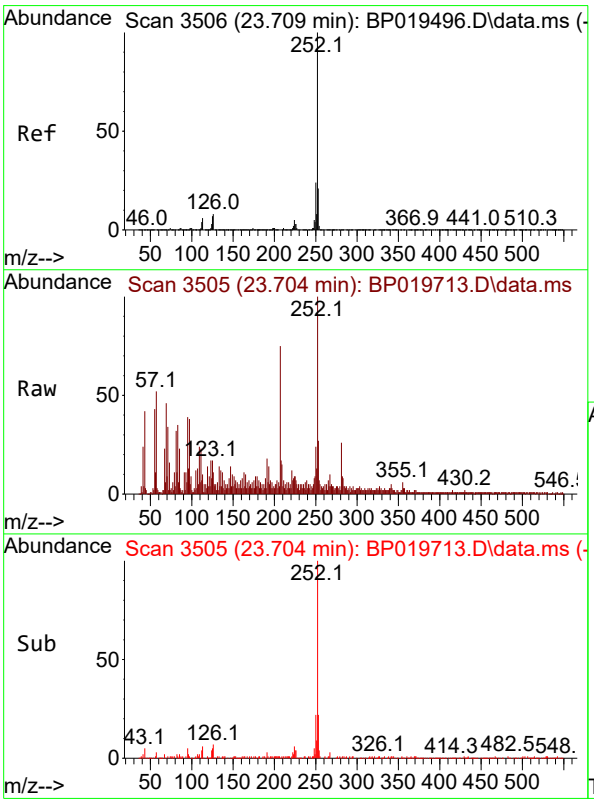
#89
Benzo(k)fluoranthene
Concen: 5.181 ng
RT: 23.074 min Scan# 3
Delta R.T. -0.053 min
Lab File: BP019713.D
Acq: 14 Feb 2024 21:44

Instrument :
BNA_P
ClientSampleId :
PN-2(NORTH-AREA)

Tgt Ion:252 Resp: 147295

Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.1	25.7
125	16.1	5.0	7.6#

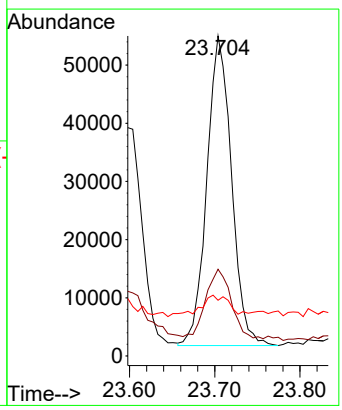


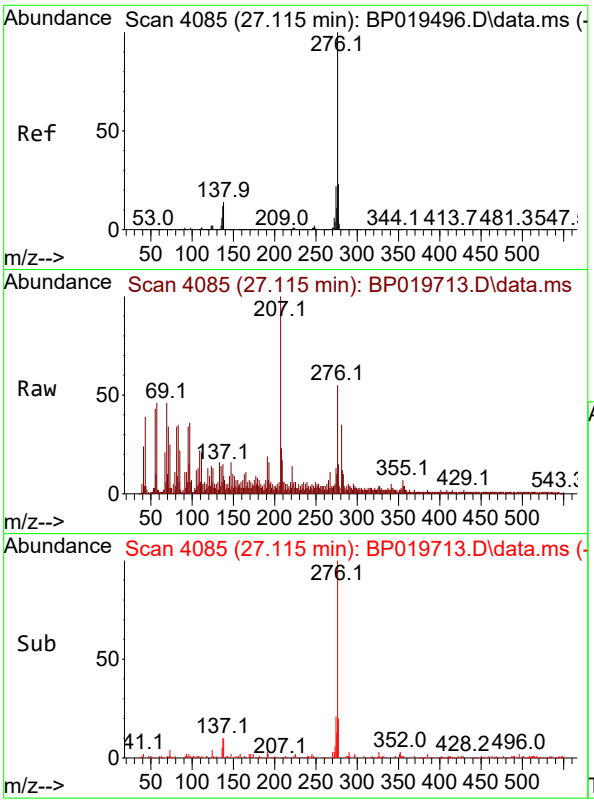


#90
Benzo(a)pyrene
Concen: 4.046 ng
RT: 23.704 min Scan# 3505
Delta R.T. -0.006 min
Lab File: BP019713.D
Acq: 14 Feb 2024 21:44

Tgt Ion:252 Resp: 107137

Ion	Ratio	Lower	Upper
252	100		
253	27.1	17.1	25.7#
125	17.4	5.6	8.4#





#92
Benzo(g,h,i)perylene
Concen: 2.634 ng
RT: 27.115 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP019713.D
Acq: 14 Feb 2024 21:44

Instrument :
BNA_P
ClientSampleId :
PN-2(NORTH-AREA)

Tgt Ion:276 Resp: 79433

Ion	Ratio	Lower	Upper
276	100		
277	28.1	18.6	28.0#
138	16.8	10.9	16.3#