Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022724\
Data File : BN030089.D
Acq On : 27 Feb 2024 12:16
Operator : MA/JU
Sample : P1578-05DL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE115D1-20240222DL

Quant Time: Feb 28 00:18:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 26 02:39:45 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	2959	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	7680	0.400	ng	# 0.00
13) Acenaphthene-d10	14.500	164	3440	0.400	ng	0.01
19) Phenanthrene-d10	17.255	188	7226	0.400	ng	# 0.00
29) Chrysene-d12	21.456	240	5501	0.400	ng	0.00
35) Perylene-d12	23.818	264	5264	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.428	112	557	0.078	ng	0.00
5) Phenol-d6	7.038	99	275	0.034	ng	0.01
8) Nitrobenzene-d5	9.035	82	1248	0.195	ng	0.02
11) 2-Methylnaphthalene-d10	12.253	152	1868	0.179	ng	0.00
14) 2,4,6-Tribromophenol	16.014	330	222	0.201	ng	0.01
15) 2-Fluorobiphenyl	13.132	172	2679	0.181	ng	0.01
27) Fluoranthene-d10	19.290	212	4311	0.246	ng	0.00
31) Terphenyl-d14	19.898	244	3183	0.233	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.348	88	10845	2.603	ng	# 93
6) bis(2-Chloroethyl)ether	7.298	93	277	0.035	ng	92
25) Phenanthrene	17.293	178	1555	0.073	ng	99
26) Anthracene	17.392	178	1157	0.064	ng	98
28) Fluoranthene	19.317	202	4433	0.184	ng	99
30) Pyrene	19.680	202	4347	0.172	ng	99
32) Benzo(a)anthracene	21.438	228	3034	0.161	ng	95
33) Chrysene	21.492	228	5348	0.250	ng	99
34) Bis(2-ethylhexyl)phtha...	21.376	149	636	0.050	ng	# 96
36) Indeno(1,2,3-cd)pyrene	26.297	276	4107	0.194	ng	# 70
37) Benzo(b)fluoranthene	23.101	252	3983	0.212	ng	# 82
38) Benzo(k)fluoranthene	23.151	252	4423	0.224	ng	# 80
39) Benzo(a)pyrene	23.721	252	2773	0.169	ng	# 52
40) Dibenzo(a,h)anthracene	26.317	278	1088	0.065	ng	# 80
41) Benzo(g,h,i)perylene	27.013	276	4177	0.204	ng	91

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022724\
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Misc :
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BNA_N
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RE115D1-20240222DL

Quant Time: Feb 28 00:18:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 26 02:39:45 2024
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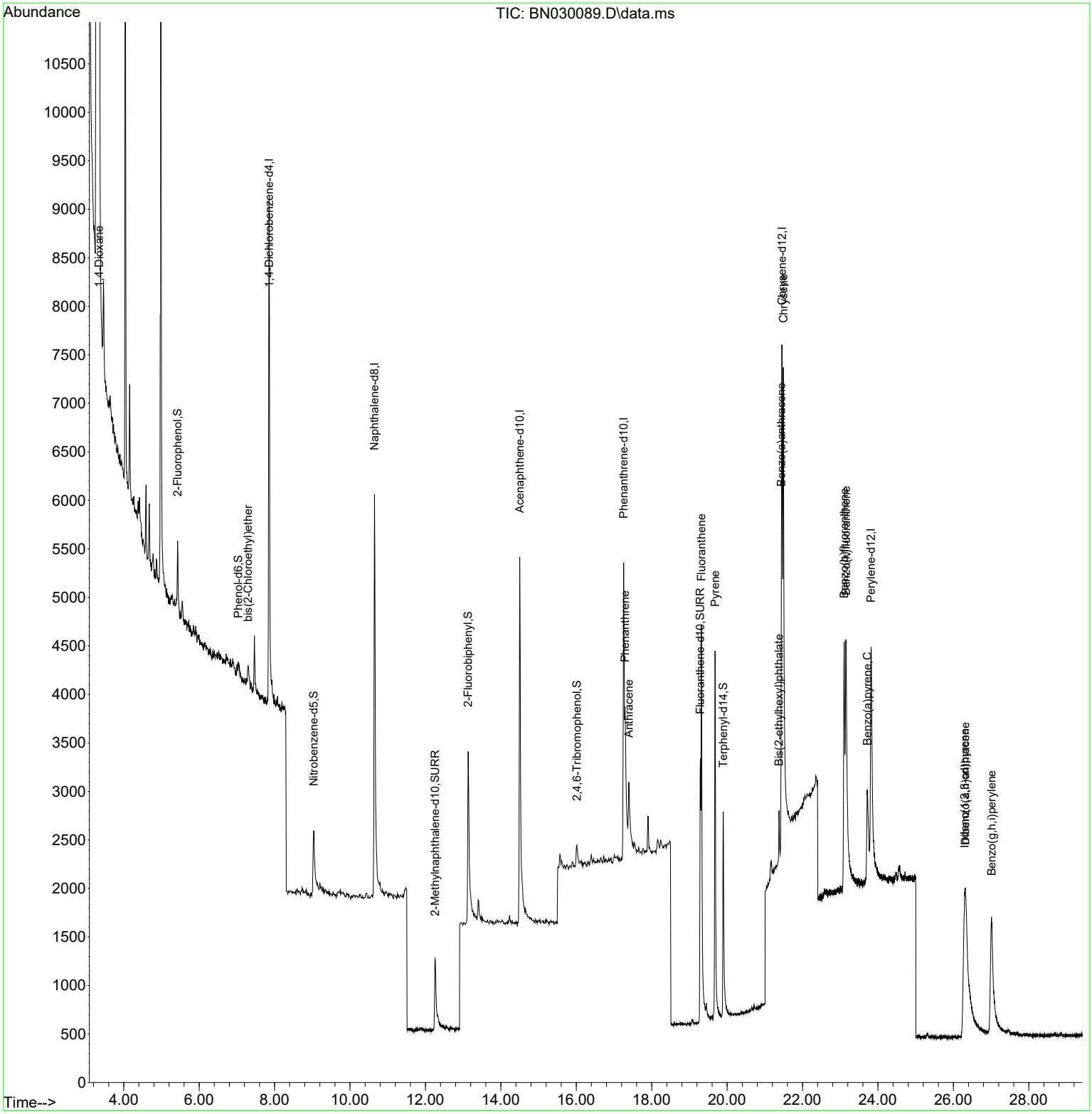
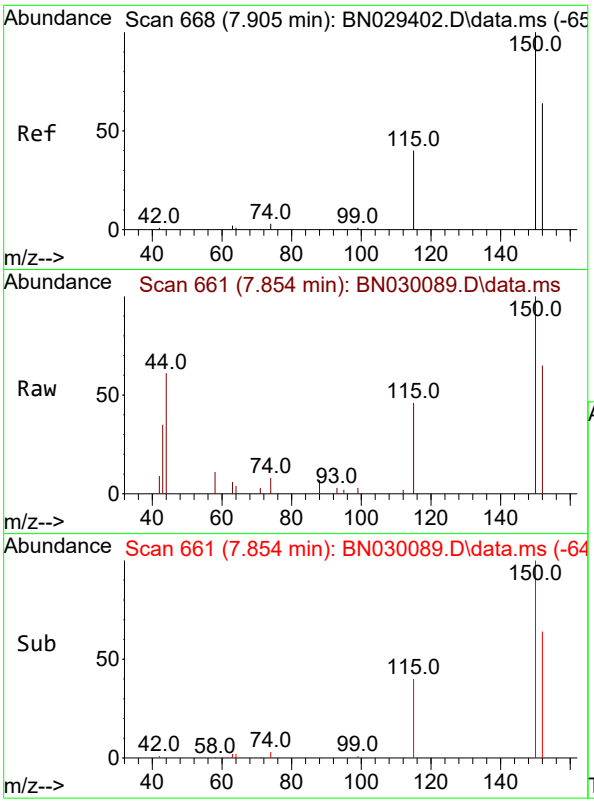


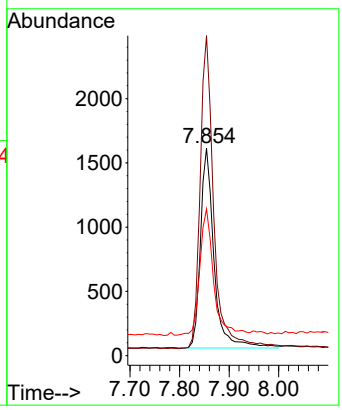


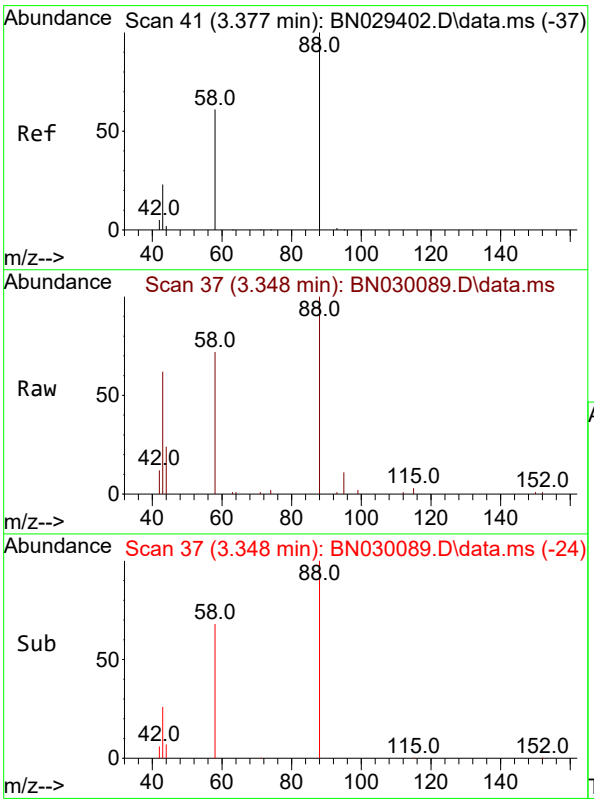
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.854 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN030089.D
Acq: 27 Feb 2024 12:16

Instrument :
BNA_N
ClientSampleId :
RE115D1-20240222DL

Tgt Ion:152 Resp: 2959

Ion	Ratio	Lower	Upper
152	100		
150	154.2	123.0	184.4
115	70.7	51.4	77.0

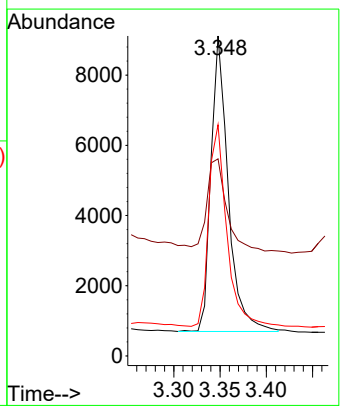


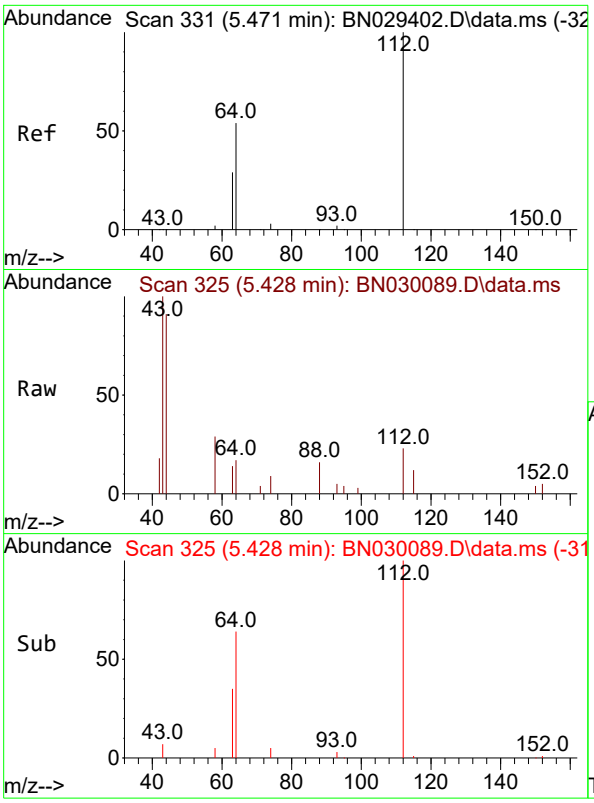


#2
1,4-Dioxane
Concen: 2.603 ng
RT: 3.348 min Scan# 37
Delta R.T. -0.007 min
Lab File: BN030089.D
Acq: 27 Feb 2024 12:16

Tgt Ion: 88 Resp: 10845

Ion	Ratio	Lower	Upper
88	100		
43	35.6	23.3	34.9#
58	71.4	53.8	80.6



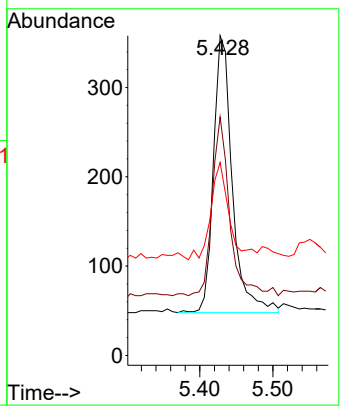


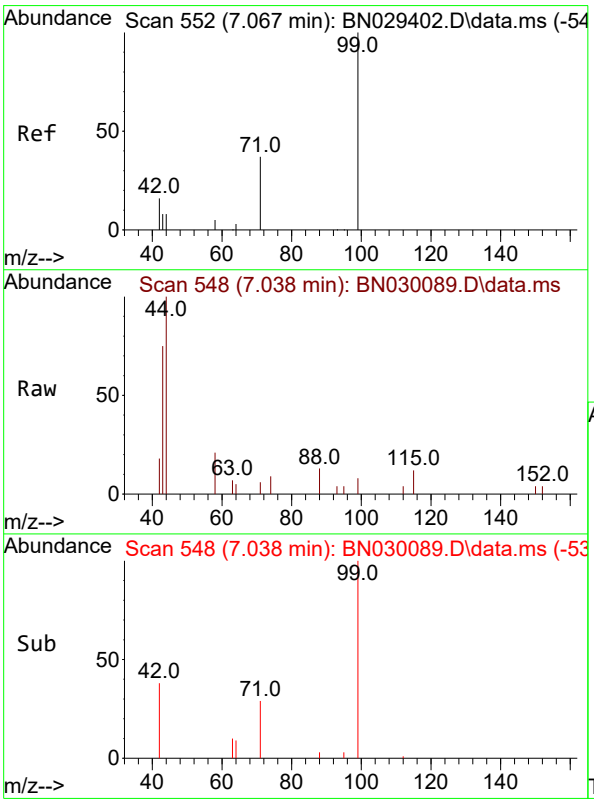
#4
2-Fluorophenol
Concen: 0.078 ng
RT: 5.428 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN030089.D
Acq: 27 Feb 2024 12:16

Instrument :
BNA_N
ClientSampleId :
RE115D1-20240222DL

Tgt Ion:112 Resp: 557

Ion	Ratio	Lower	Upper
112	100		
64	60.1	47.2	70.8
63	32.9	25.8	38.6

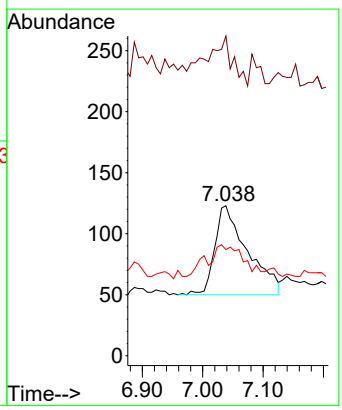


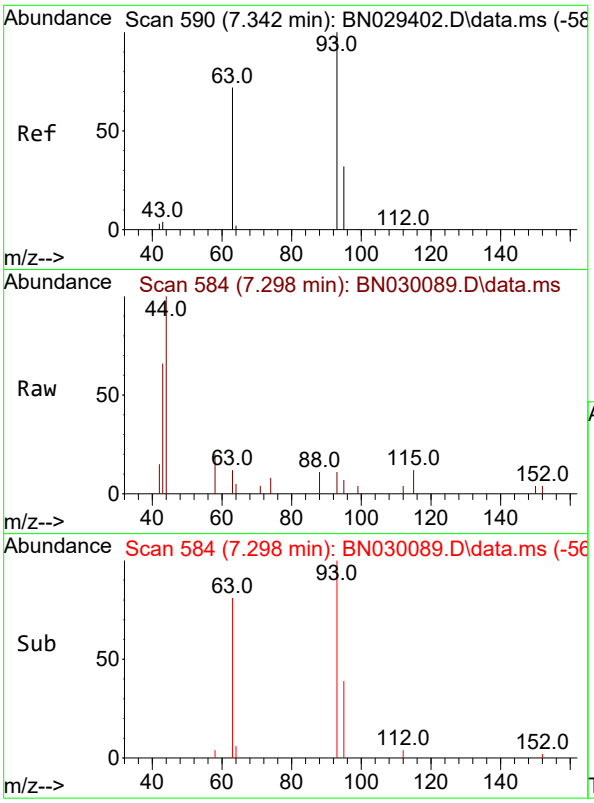


#5
Phenol-d6
Concen: 0.034 ng
RT: 7.038 min Scan# 548
Delta R.T. 0.015 min
Lab File: BN030089.D
Acq: 27 Feb 2024 12:16

Tgt Ion: 99 Resp: 275

Ion	Ratio	Lower	Upper
99	100		
42	45.8	16.9	25.3#
71	32.0	30.0	45.0



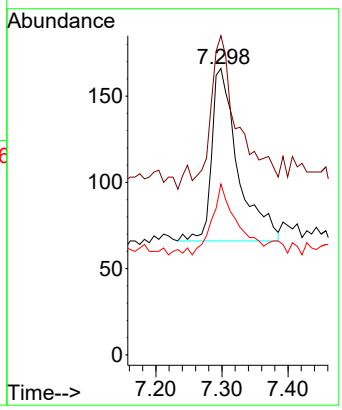


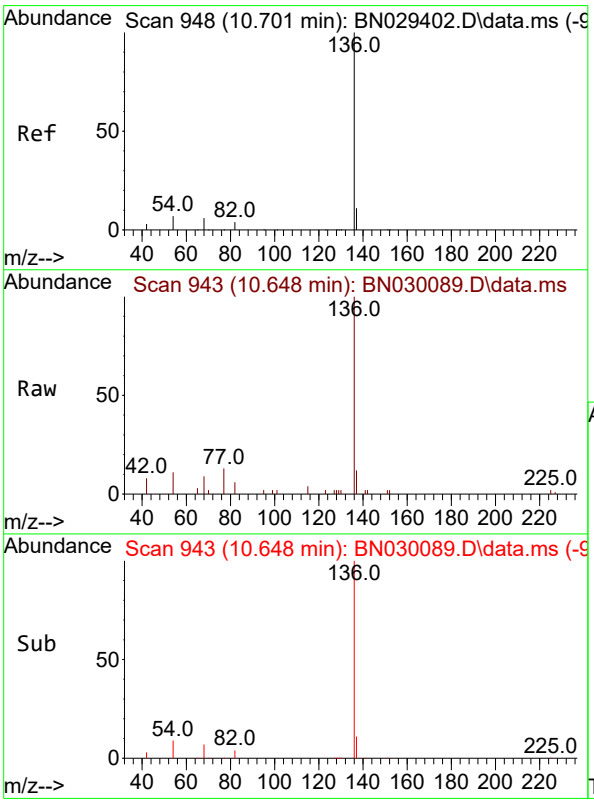
#6
bis(2-Chloroethyl)ether
Concen: 0.035 ng
RT: 7.298 min Scan# 5
Delta R.T. 0.007 min
Lab File: BN030089.D
Acq: 27 Feb 2024 12:16

Instrument :
BNA_N
ClientSampleId :
RE115D1-20240222DL

Tgt Ion: 93 Resp: 277

Ion	Ratio	Lower	Upper
93	100		
63	85.2	63.1	94.7
95	39.0	27.1	40.7

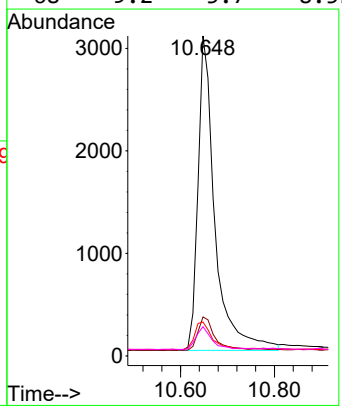


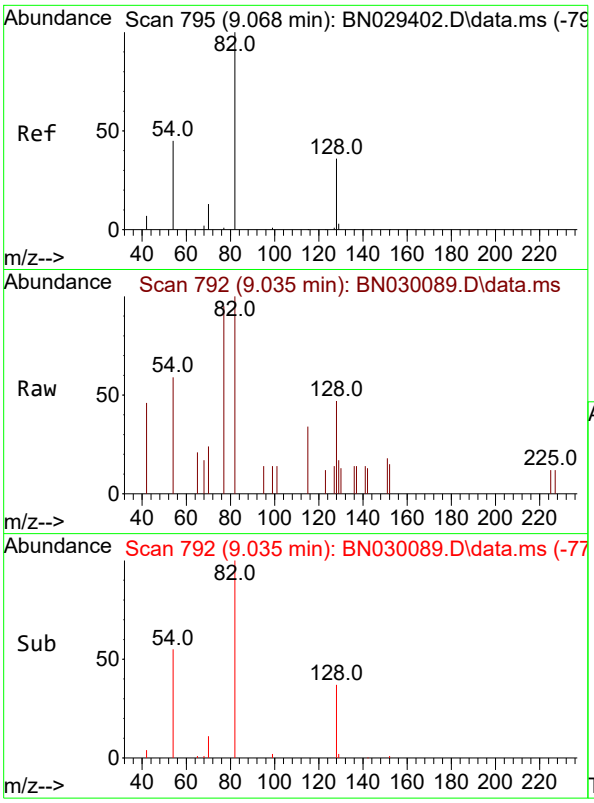


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 943
Delta R.T. 0.000 min
Lab File: BN030089.D
Acq: 27 Feb 2024 12:16

Tgt Ion:136 Resp: 7680

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.7	14.5
54	10.6	6.6	10.0#
68	9.2	5.7	8.5#



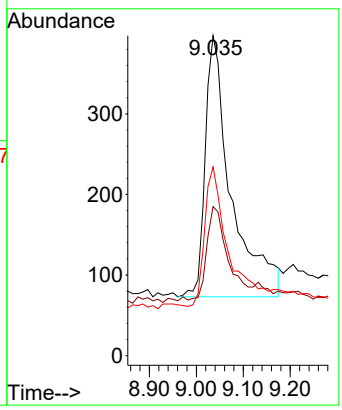


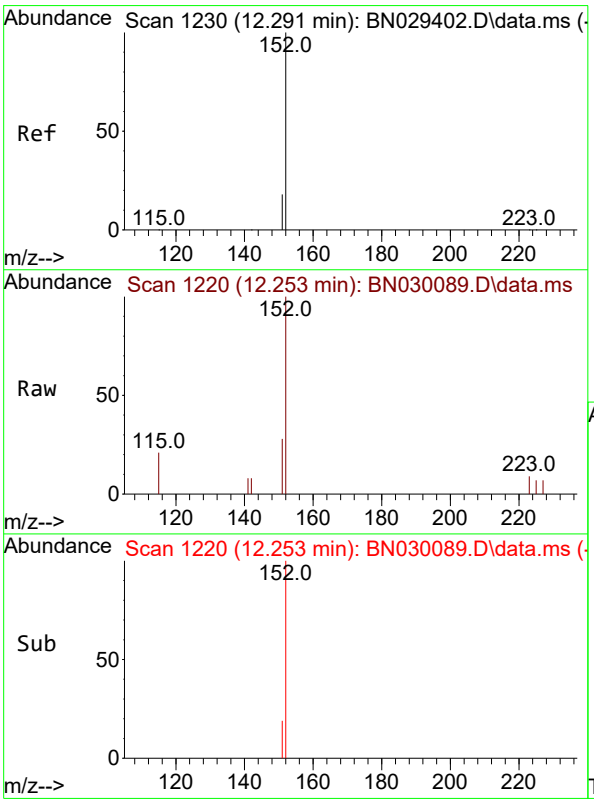
#8
Nitrobenzene-d5
Concen: 0.195 ng
RT: 9.035 min Scan# 7
Delta R.T. 0.022 min
Lab File: BN030089.D
Acq: 27 Feb 2024 12:16

Instrument :
BNA_N
ClientSampleId :
RE115D1-20240222DL

Tgt Ion: 82 Resp: 1248

Ion	Ratio	Lower	Upper
82	100		
128	46.6	31.6	47.4
54	58.9	38.2	57.4#

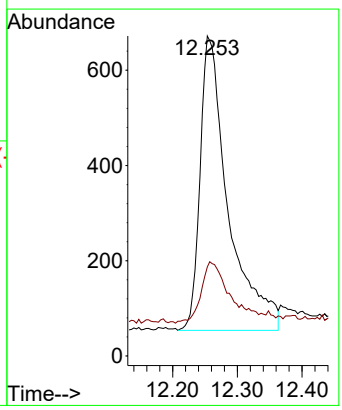


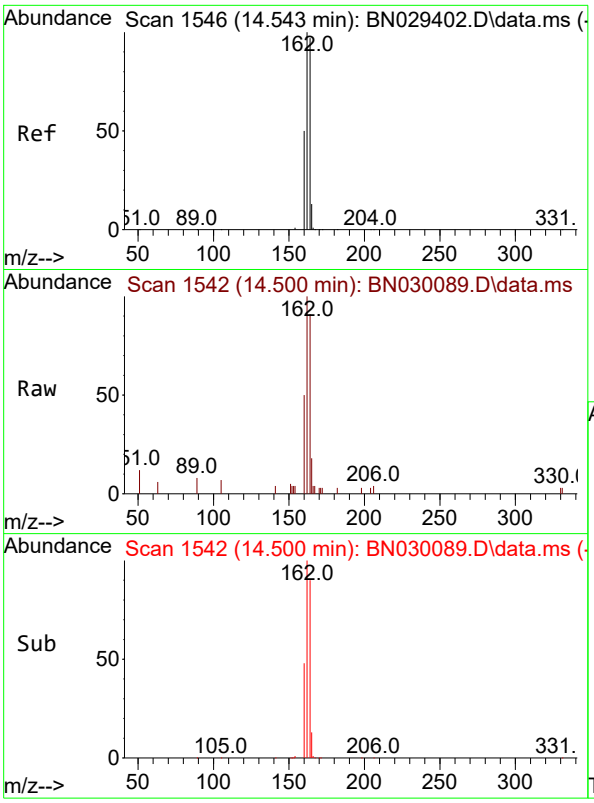


#11
2-Methylnaphthalene-d10
Concen: 0.179 ng
RT: 12.253 min Scan# 1220
Delta R.T. 0.008 min
Lab File: BN030089.D
Acq: 27 Feb 2024 12:16

Tgt Ion:152 Resp: 1868

Ion	Ratio	Lower	Upper
152	100		
151	21.7	17.1	25.7



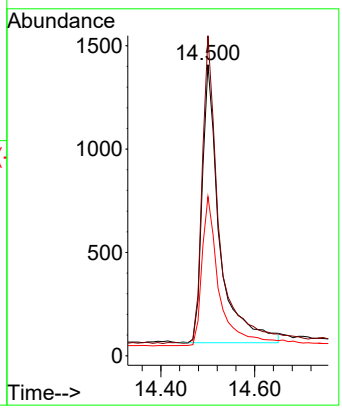


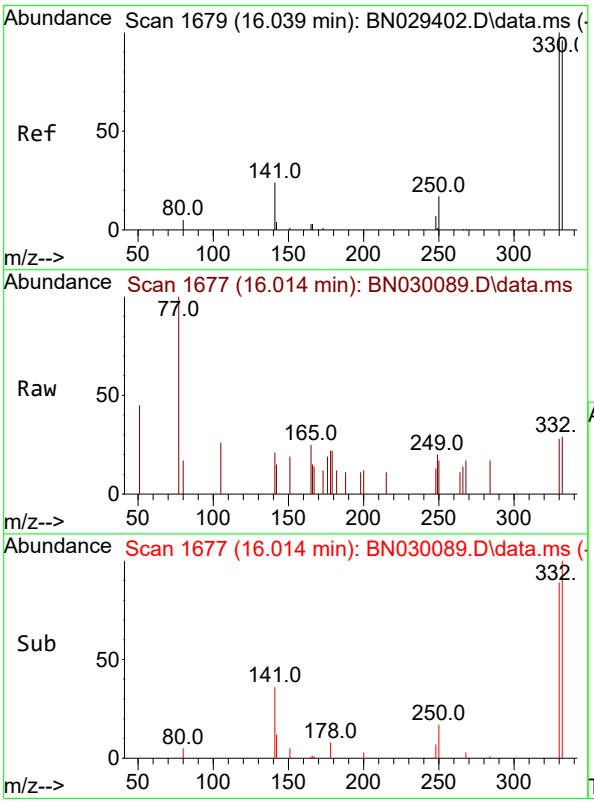
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.500 min Scan# 1
Delta R.T. 0.011 min
Lab File: BN030089.D
Acq: 27 Feb 2024 12:16

Instrument :
BNA_N
ClientSampleId :
RE115D1-20240222DL

Tgt Ion:164 Resp: 3440

Ion	Ratio	Lower	Upper
164	100		
162	109.9	82.6	123.8
160	54.6	41.5	62.3

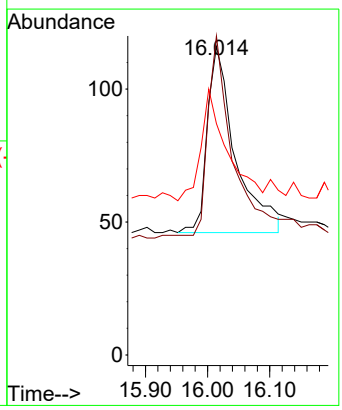


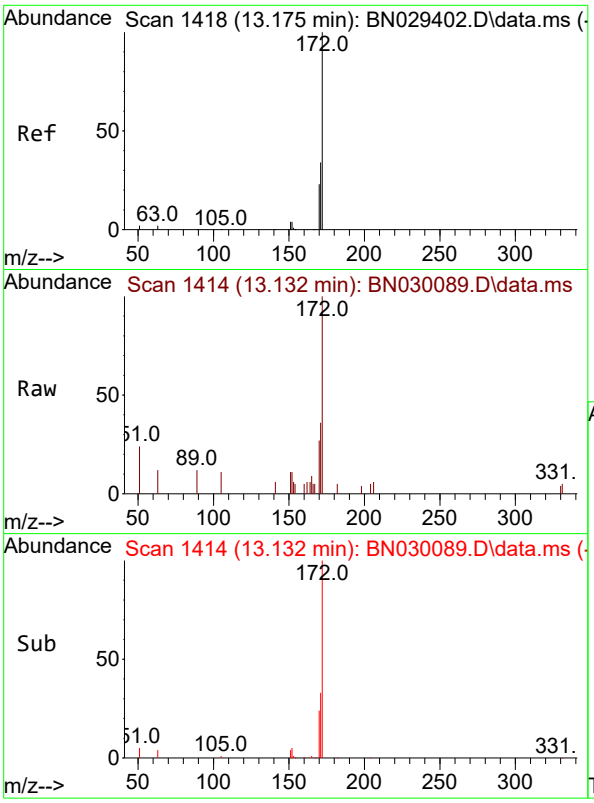


#14
2,4,6-Tribromophenol
Concen: 0.201 ng
RT: 16.014 min Scan# 1677
Delta R.T. 0.013 min
Lab File: BN030089.D
Acq: 27 Feb 2024 12:16

Tgt Ion:330 Resp: 222

Ion	Ratio	Lower	Upper
330	100		
332	92.8	76.0	114.0
141	55.4	43.4	65.2



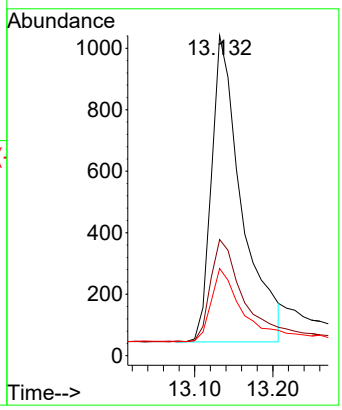


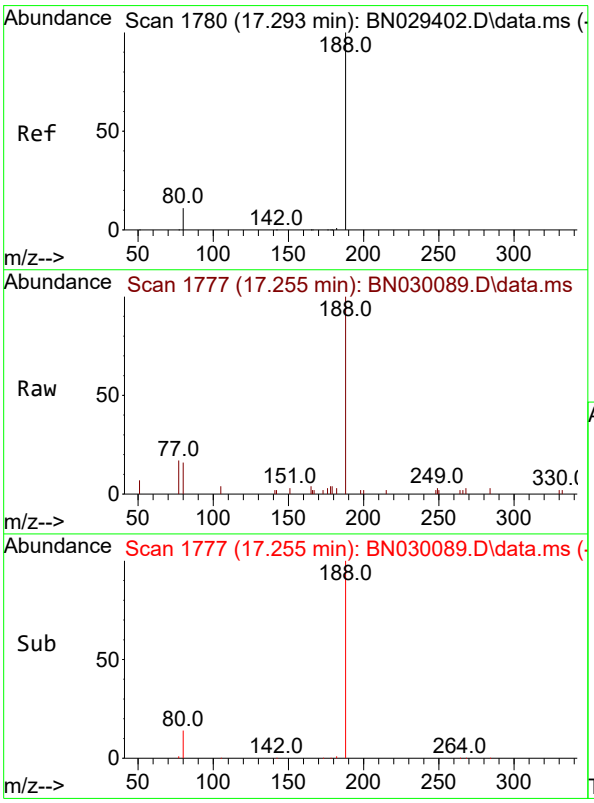
#15
2-Fluorobiphenyl
Concen: 0.181 ng
RT: 13.132 min Scan# 14
Delta R.T. 0.011 min
Lab File: BN030089.D
Acq: 27 Feb 2024 12:16

Instrument :
BNA_N
ClientSampleId :
RE115D1-20240222DL

Tgt Ion:172 Resp: 2679

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.0	42.0
170	27.3	18.7	28.1

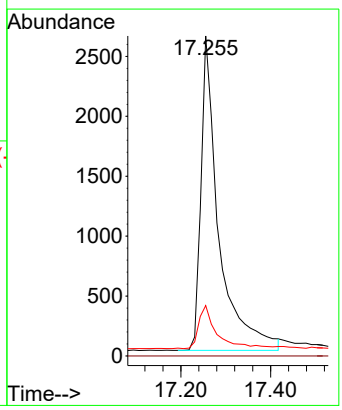


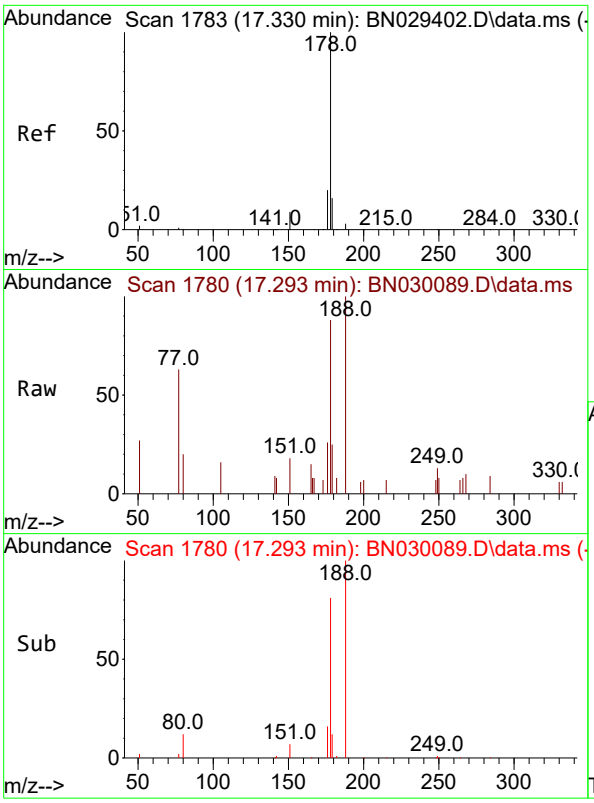


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.255 min Scan# 1777
Delta R.T. 0.000 min
Lab File: BN030089.D
Acq: 27 Feb 2024 12:16

Tgt Ion:188 Resp: 7226

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.8	10.0	15.0#



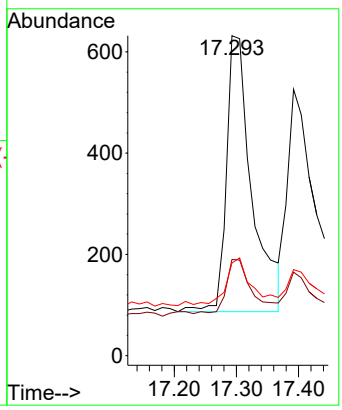


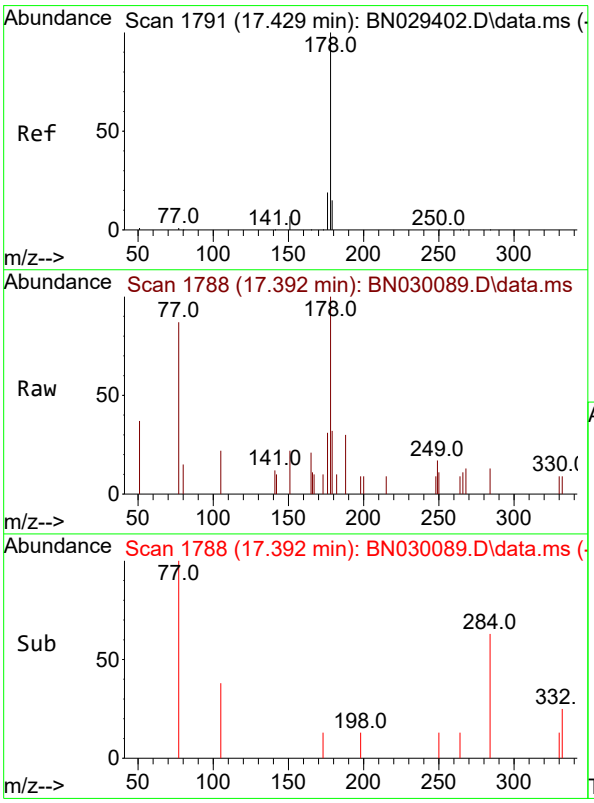
#25
Phenanthrene
Concen: 0.073 ng
RT: 17.293 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN030089.D
Acq: 27 Feb 2024 12:16

Instrument :
BNA_N
ClientSampleId :
RE115D1-20240222DL

Tgt Ion:178 Resp: 1555

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.6
179	16.3	12.6	19.0

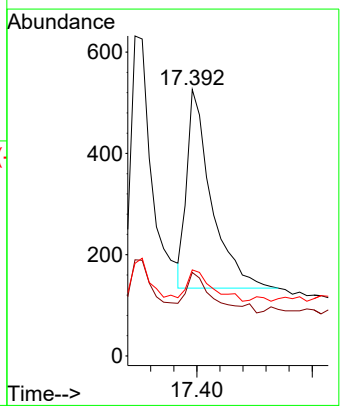


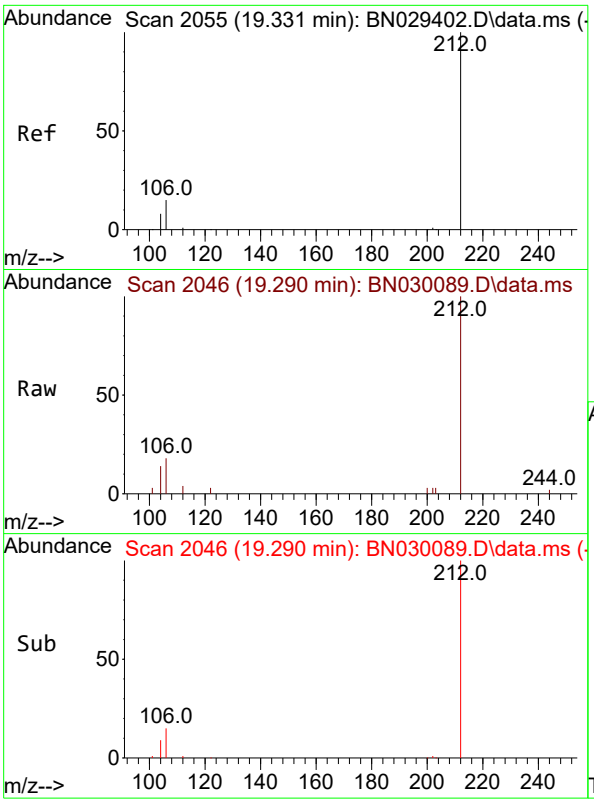


#26
Anthracene
Concen: 0.064 ng
RT: 17.392 min Scan# 1788
Delta R.T. 0.000 min
Lab File: BN030089.D
Acq: 27 Feb 2024 12:16

Tgt Ion:178 Resp: 1157

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.0	22.4
179	14.5	12.3	18.5



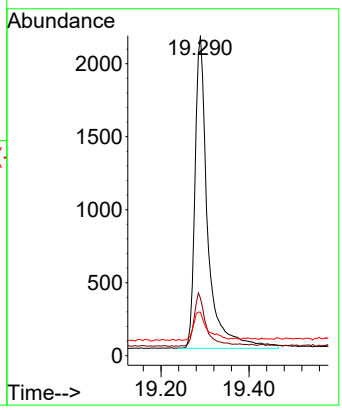


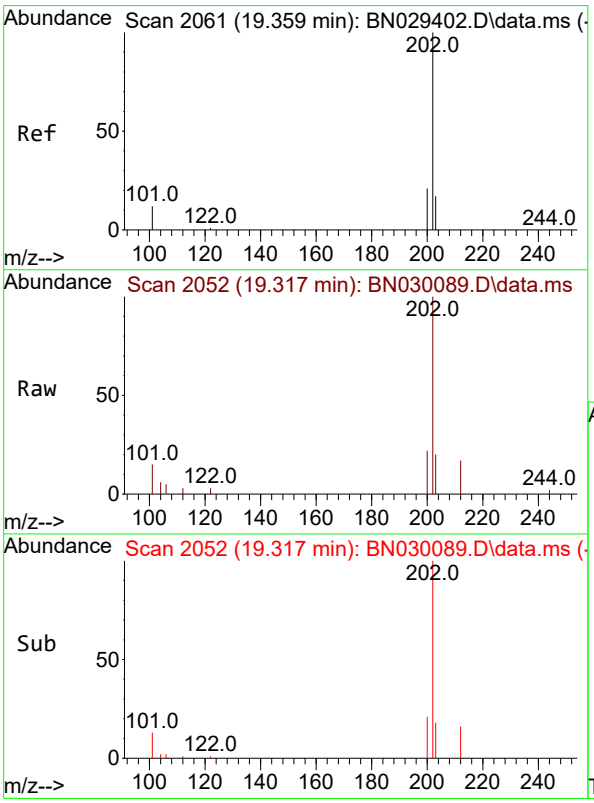
#27
Fluoranthene-d10
Concen: 0.246 ng
RT: 19.290 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN030089.D
Acq: 27 Feb 2024 12:16

Instrument :
BNA_N
ClientSampleId :
RE115D1-20240222DL

Tgt Ion:212 Resp: 4311

Ion	Ratio	Lower	Upper
212	100		
106	15.8	13.2	19.8
104	9.8	7.7	11.5

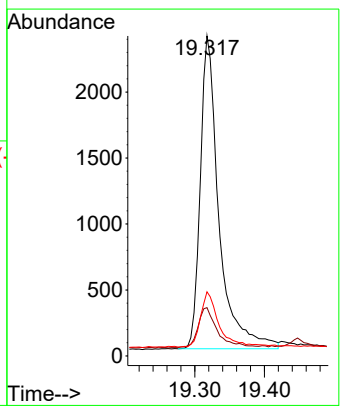


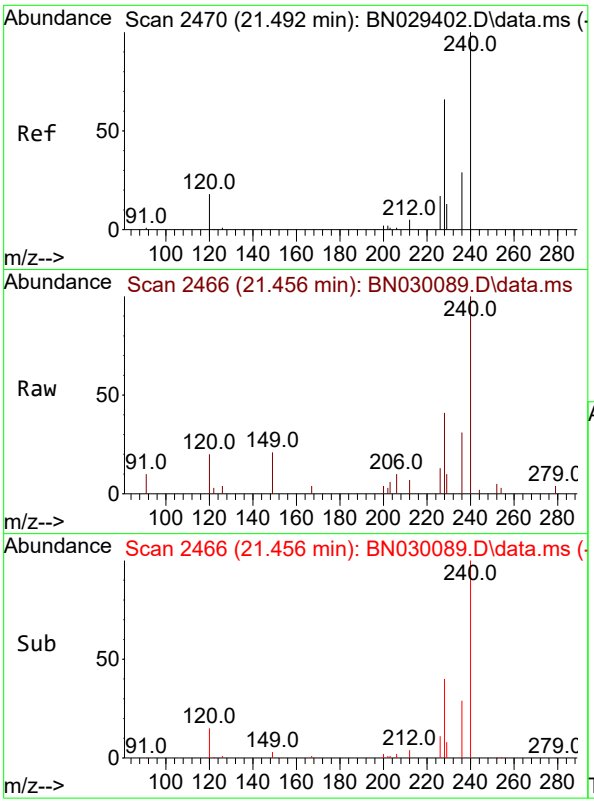


#28
Fluoranthene
Concen: 0.184 ng
RT: 19.317 min Scan# 2052
Delta R.T. 0.000 min
Lab File: BN030089.D
Acq: 27 Feb 2024 12:16

Tgt Ion:202 Resp: 4433

Ion	Ratio	Lower	Upper
202	100		
101	13.2	10.5	15.7
203	17.3	13.5	20.3



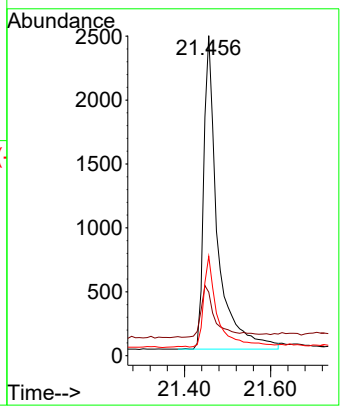


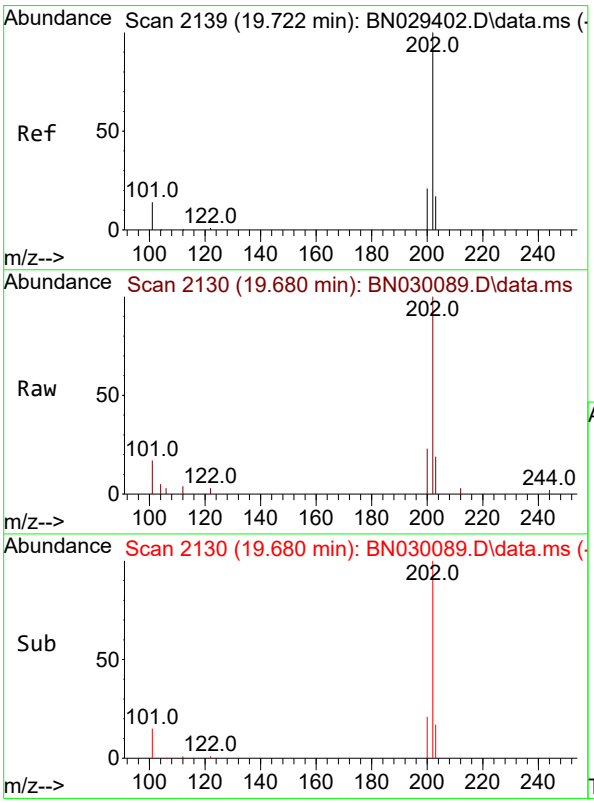
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.456 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN030089.D
Acq: 27 Feb 2024 12:16

Instrument :
BNA_N
ClientSampleId :
RE115D1-20240222DL

Tgt Ion:240 Resp: 5501

Ion	Ratio	Lower	Upper
240	100		
120	19.8	16.7	25.1
236	31.1	23.9	35.9

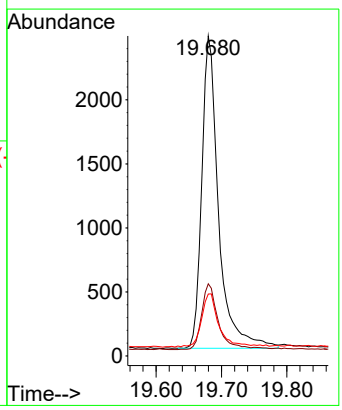


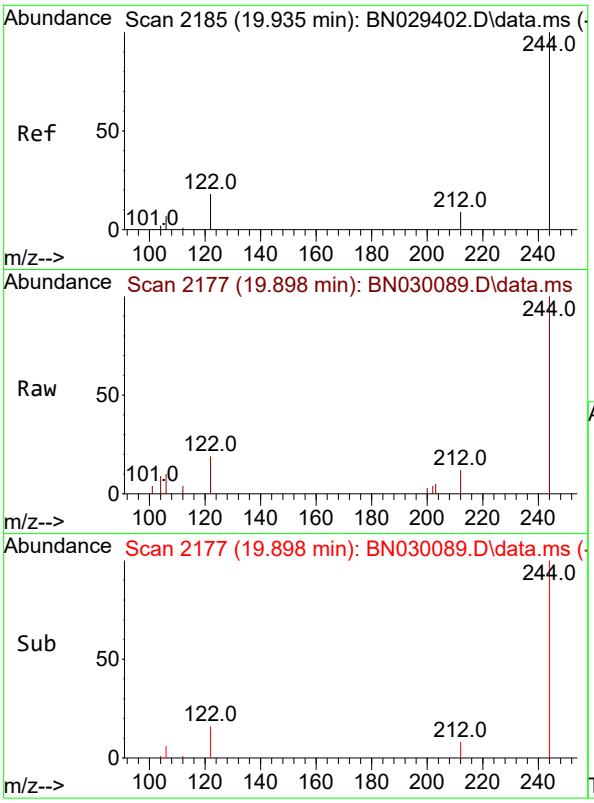


#30
Pyrene
Concen: 0.172 ng
RT: 19.680 min Scan# 2130
Delta R.T. -0.005 min
Lab File: BN030089.D
Acq: 27 Feb 2024 12:16

Tgt Ion:202 Resp: 4347

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.6	25.0
203	17.3	14.2	21.4



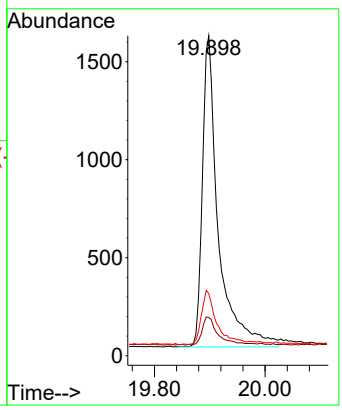


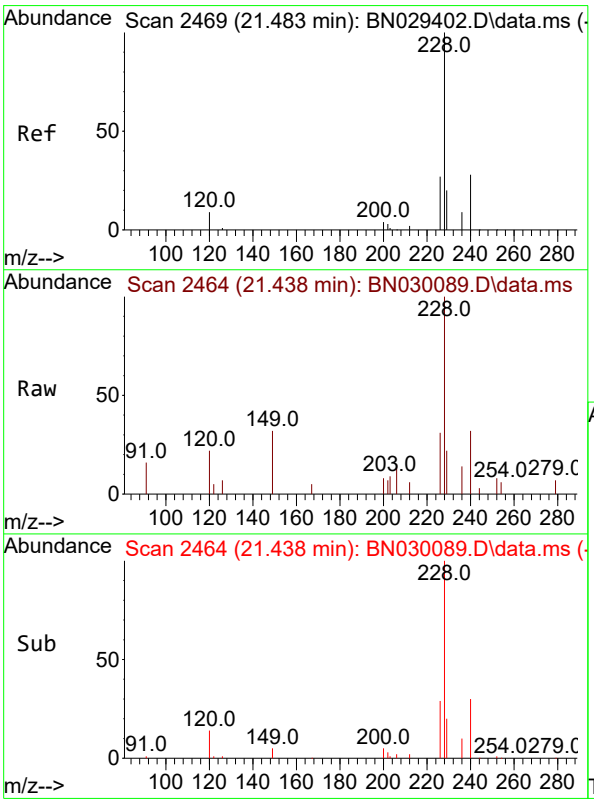
#31
Terphenyl-d14
Concen: 0.233 ng
RT: 19.898 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN030089.D
Acq: 27 Feb 2024 12:16

Instrument :
BNA_N
ClientSampleId :
RE115D1-20240222DL

Tgt Ion:244 Resp: 3183

Ion	Ratio	Lower	Upper
244	100		
212	11.9	8.2	12.4
122	19.4	15.6	23.4

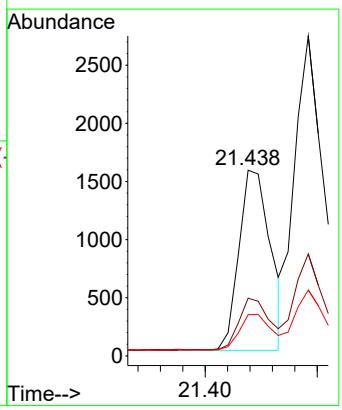


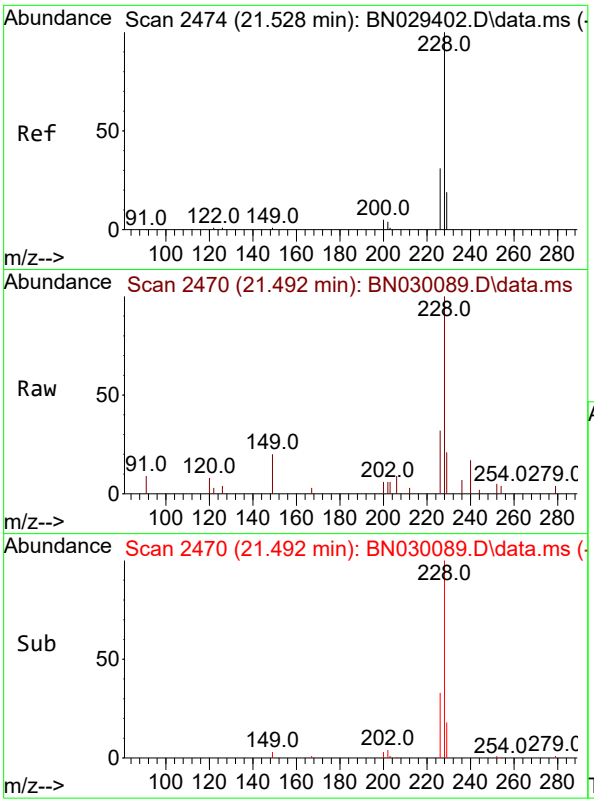


#32
Benzo(a)anthracene
Concen: 0.161 ng
RT: 21.438 min Scan# 2464
Delta R.T. 0.000 min
Lab File: BN030089.D
Acq: 27 Feb 2024 12:16

Tgt Ion:228 Resp: 3034

Ion	Ratio	Lower	Upper
228	100		
226	31.1	22.2	33.4
229	22.2	16.5	24.7



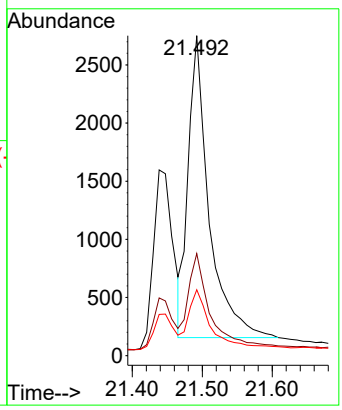


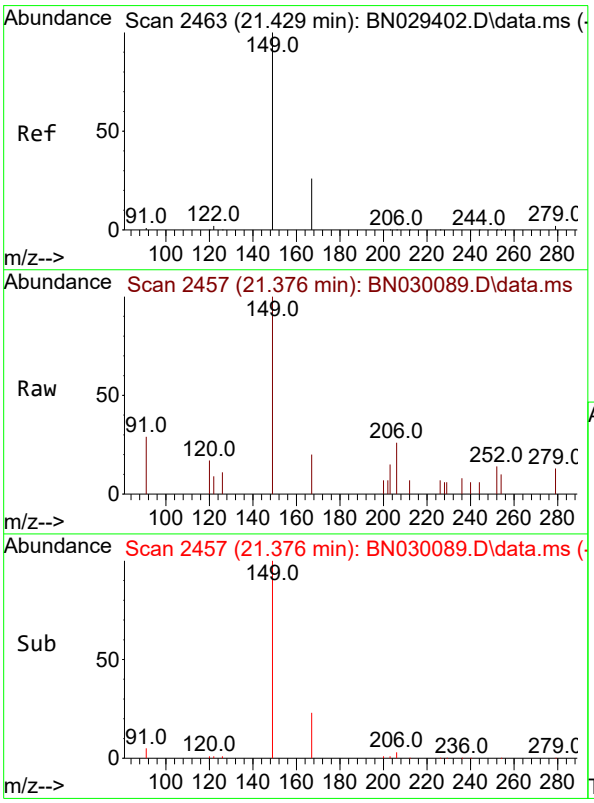
#33
Chrysene
Concen: 0.250 ng
RT: 21.492 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN030089.D
Acq: 27 Feb 2024 12:16

Instrument :
BNA_N
ClientSampleId :
RE115D1-20240222DL

Tgt Ion:228 Resp: 5348

Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.9	37.3
229	20.6	15.9	23.9

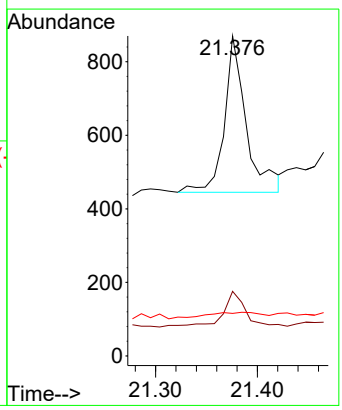


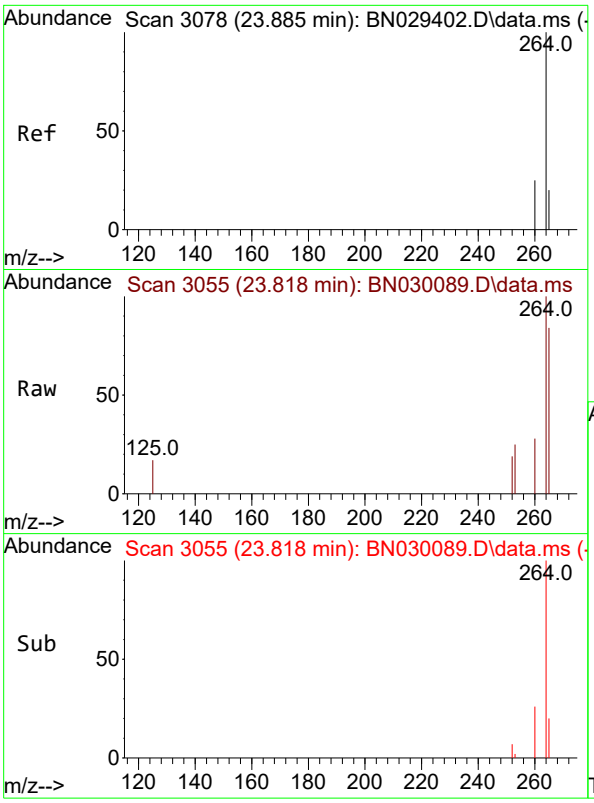


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.050 ng
RT: 21.376 min Scan# 2457
Delta R.T. -0.009 min
Lab File: BN030089.D
Acq: 27 Feb 2024 12:16

Tgt Ion:149 Resp: 636

Ion	Ratio	Lower	Upper
149	100		
167	23.7	20.1	30.1
279	7.1	2.5	3.7#



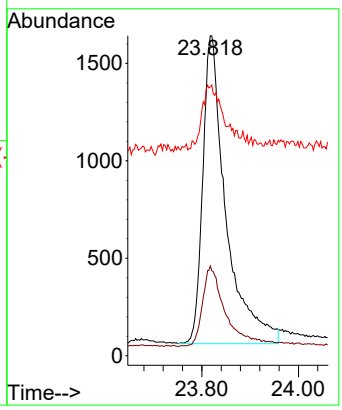


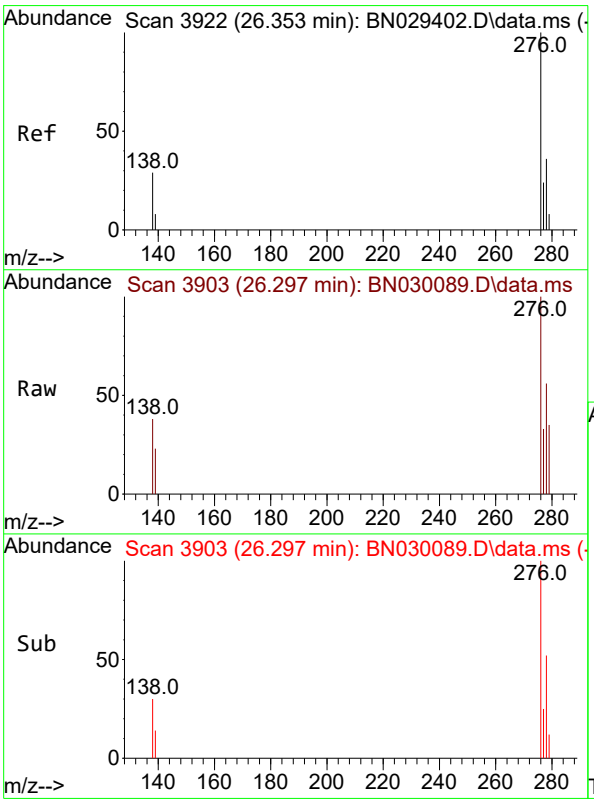
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.818 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN030089.D
Acq: 27 Feb 2024 12:16

Instrument :
BNA_N
ClientSampleId :
RE115D1-20240222DL

Tgt Ion:264 Resp: 5264

Ion	Ratio	Lower	Upper
264	100		
260	28.1	21.2	31.8
265	84.0	41.5	62.3#

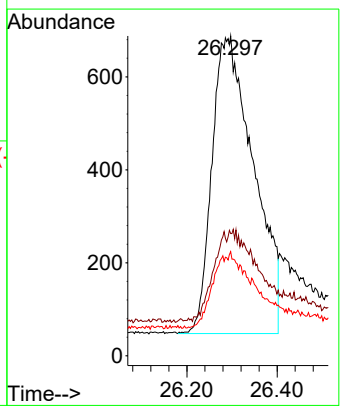


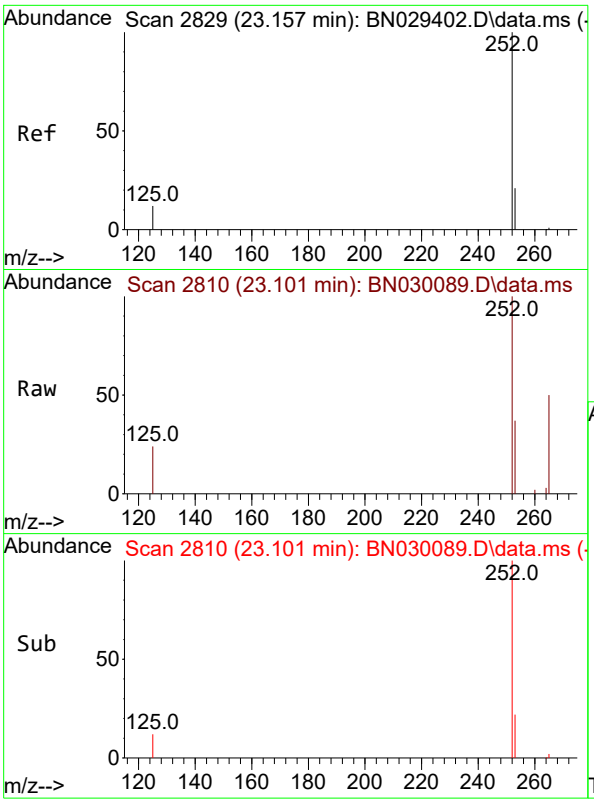


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.194 ng
RT: 26.297 min Scan# 3903
Delta R.T. 0.029 min
Lab File: BN030089.D
Acq: 27 Feb 2024 12:16

Tgt Ion:276 Resp: 4107

Ion	Ratio	Lower	Upper
276	100		
138	10.1	20.5	30.7#
277	7.5	17.0	25.4#



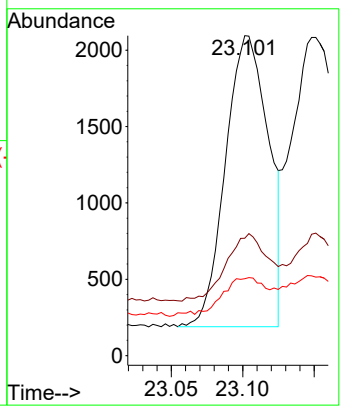


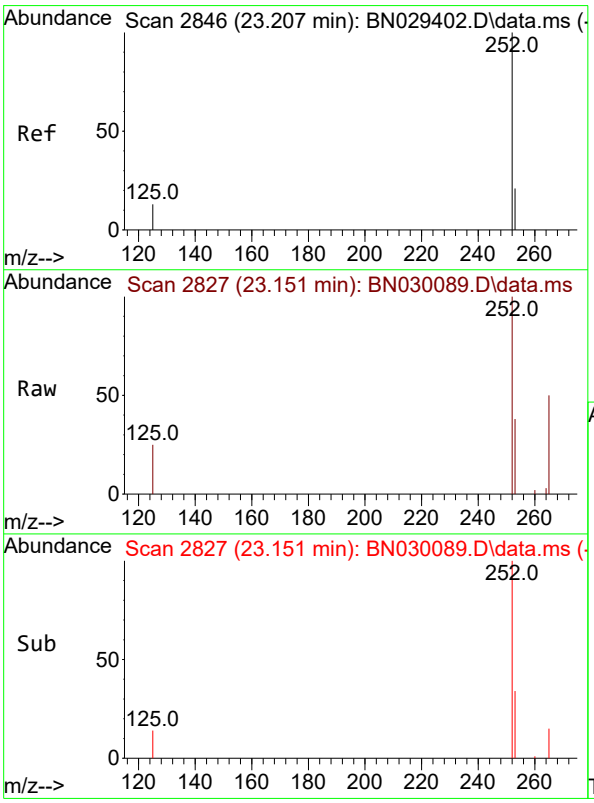
#37
Benzo(b)fluoranthene
Concen: 0.212 ng
RT: 23.101 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN030089.D
Acq: 27 Feb 2024 12:16

Instrument :
BNA_N
ClientSampleId :
RE115D1-20240222DL

Tgt Ion:252 Resp: 3983

Ion	Ratio	Lower	Upper
252	100		
253	36.7	21.7	32.5#
125	24.1	13.3	19.9#

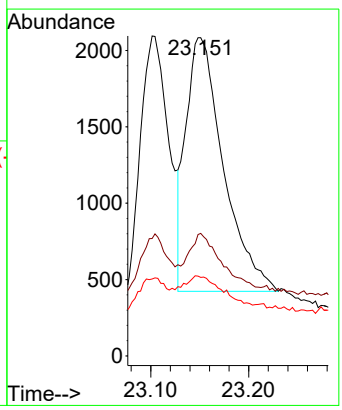


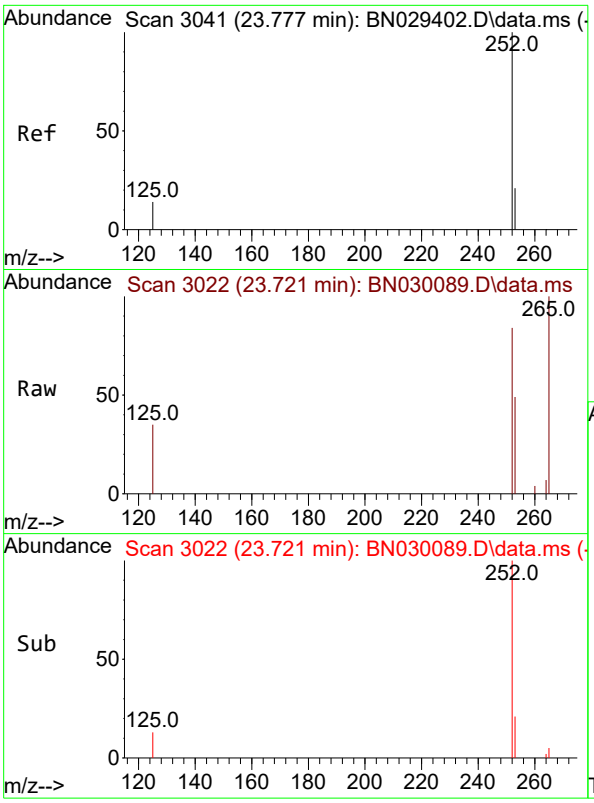


#38
Benzo(k)fluoranthene
Concen: 0.224 ng
RT: 23.151 min Scan# 2827
Delta R.T. 0.003 min
Lab File: BN030089.D
Acq: 27 Feb 2024 12:16

Tgt Ion:252 Resp: 4423

Ion	Ratio	Lower	Upper
252	100		
253	38.5	21.8	32.8#
125	24.7	13.9	20.9#



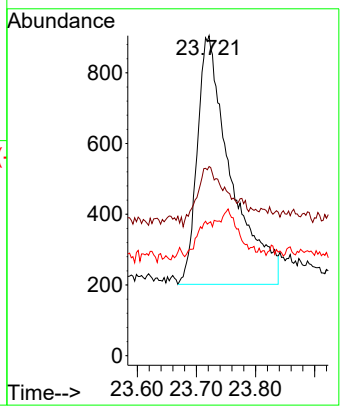


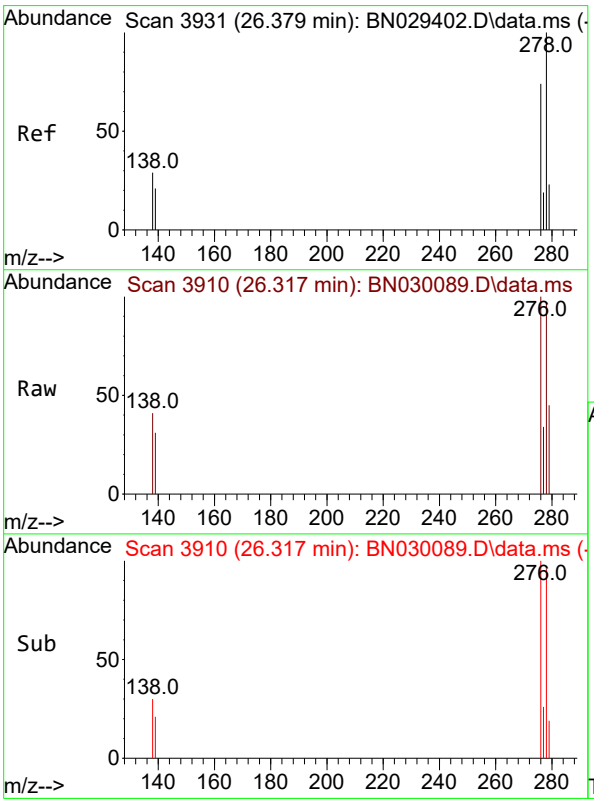
#39
Benzo(a)pyrene
Concen: 0.169 ng
RT: 23.721 min Scan# 3
Delta R.T. 0.006 min
Lab File: BN030089.D
Acq: 27 Feb 2024 12:16

Instrument :
BNA_N
ClientSampleId :
RE115D1-20240222DL

Tgt Ion:252 Resp: 2773

Ion	Ratio	Lower	Upper
252	100		
253	59.1	24.9	37.3#
125	41.5	16.6	25.0#

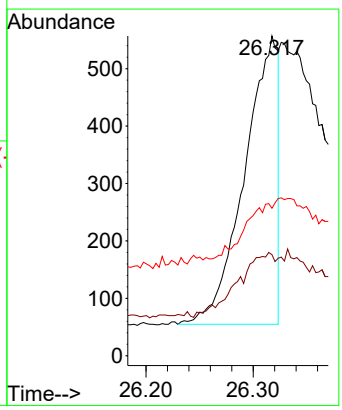


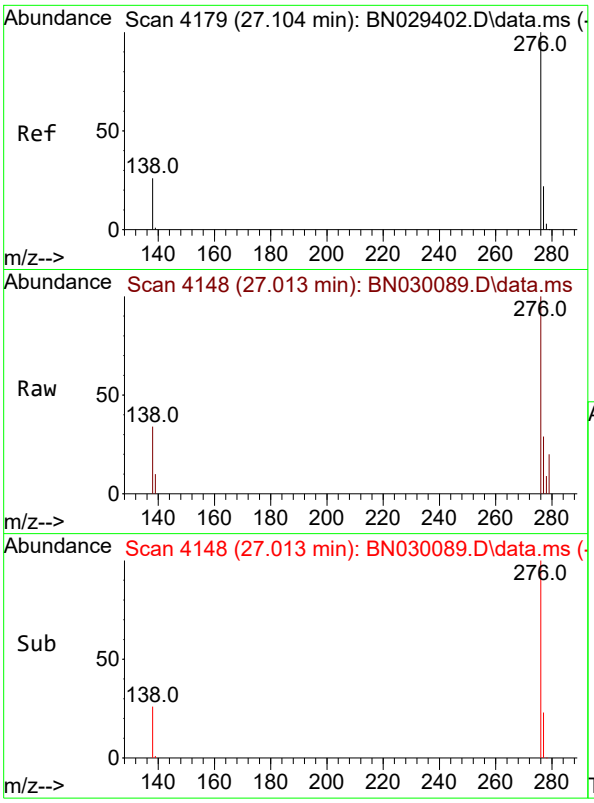


#40
Dibenzo(a,h)anthracene
Concen: 0.065 ng
RT: 26.317 min Scan# 3910
Delta R.T. 0.015 min
Lab File: BN030089.D
Acq: 27 Feb 2024 12:16

Tgt Ion:278 Resp: 1088

Ion	Ratio	Lower	Upper
278	100		
139	31.6	20.4	30.6#
279	46.1	25.0	37.6#





#41
Benzo(g,h,i)perylene
Concen: 0.204 ng
RT: 27.013 min Scan# 4
Delta R.T. 0.006 min
Lab File: BN030089.D
Acq: 27 Feb 2024 12:16

Instrument :
BNA_N
ClientSampleId :
RE115D1-20240222DL

Tgt Ion:276 Resp: 4177

Ion	Ratio	Lower	Upper
276	100		
277	29.0	19.4	29.2
138	33.6	23.5	35.3