Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040524\
Data File : BN030665.D
Acq On : 04 Apr 2024 17:41
Operator : MA/JU
Sample : P1964-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EB01-040224

Quant Time: Apr 04 18:08:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN033024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 30 00:04:36 2024
Response via : Initial Calibration

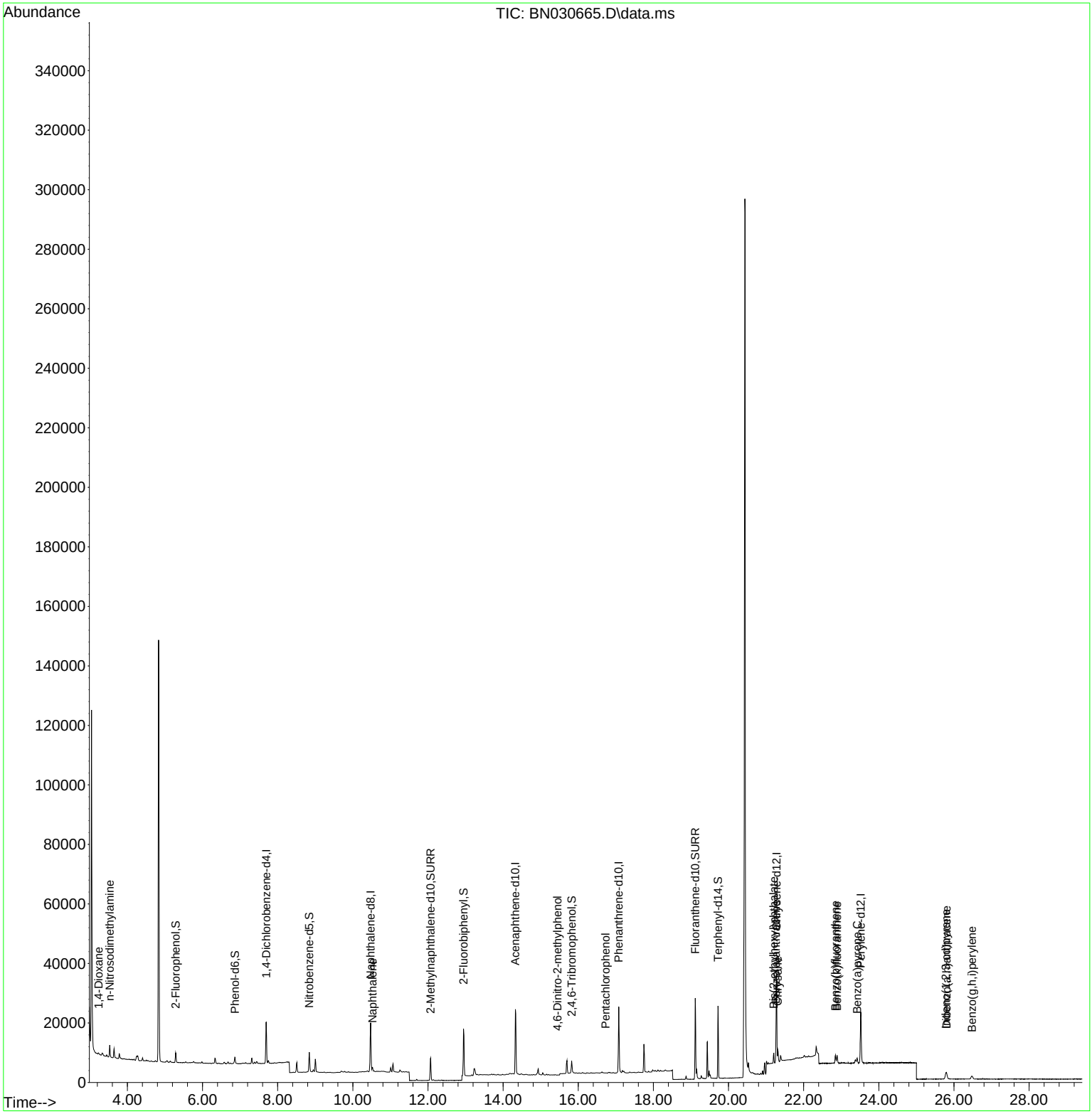
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.697	152	7137	0.400	ng	0.00
7) Naphthalene-d8	10.474	136	21104	0.400	ng	-0.01
13) Acenaphthene-d10	14.327	164	13237	0.400	ng	-0.01
19) Phenanthrene-d10	17.078	188	29517	0.400	ng	#-0.01
29) Chrysene-d12	21.276	240	25621	0.400	ng	# 0.00
35) Perylene-d12	23.521	264	22333	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.284	112	2535	0.163	ng	-0.01
5) Phenol-d6	6.866	99	1997	0.100	ng	0.00
8) Nitrobenzene-d5	8.841	82	4918	0.332	ng	-0.01
11) 2-Methylnaphthalene-d10	12.070	152	9924	0.307	ng	-0.01
14) 2,4,6-Tribromophenol	15.824	330	2321	0.464	ng	-0.01
15) 2-Fluorobiphenyl	12.948	172	13177	0.258	ng	-0.02
27) Fluoranthene-d10	19.117	212	29326	0.369	ng	0.00
31) Terphenyl-d14	19.721	244	22982	0.388	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.233	88	285	0.033	ng	# 1
3) n-Nitrosodimethylamine	3.529	42	342	0.041	ng	# 1
9) Naphthalene	10.528	128	1754	0.030	ng	# 83
20) 4,6-Dinitro-2-methylph...	15.449	198	6	0.173	ng	# 1
24) Pentachlorophenol	16.730	266	31	0.175	ng	# 83
32) Benzo(a)anthracene	21.258	228	3101	0.034	ng	# 91
33) Chrysene	21.312	228	3299	0.034	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.204	149	3237	0.082	ng	# 96
36) Indeno(1,2,3-cd)pyrene	25.784	276	2896	0.029	ng	97
37) Benzo(b)fluoranthene	22.846	252	3329	0.037	ng	# 34
38) Benzo(k)fluoranthene	22.890	252	3267	0.036	ng	# 37
39) Benzo(a)pyrene	23.425	252	2194	0.030	ng	# 5
40) Dibenzo(a,h)anthracene	25.805	278	2326	0.030	ng	# 50
41) Benzo(g,h,i)perylene	26.477	276	2247	0.027	ng	# 63

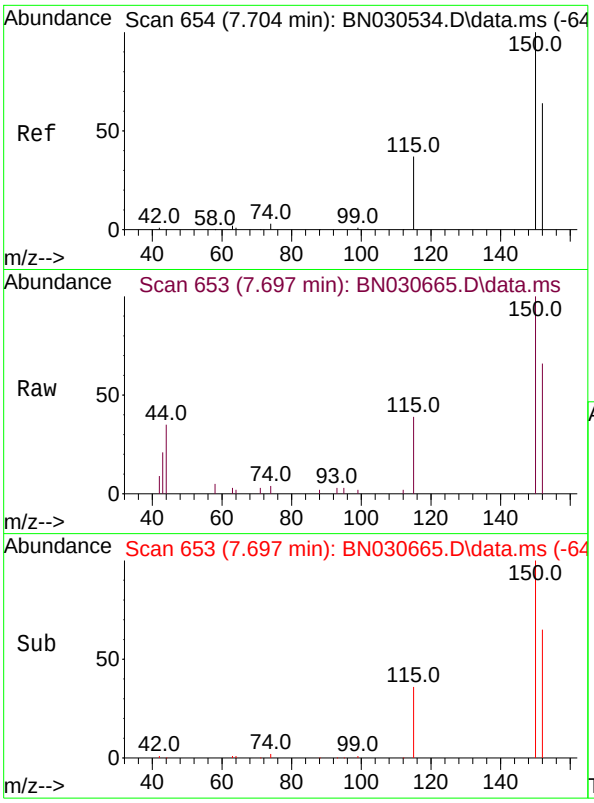
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040524\
Data File : BN030665.D
Acq On : 04 Apr 2024 17:41
Operator : MA/JU
Sample : P1964-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EB01-040224

Quant Time: Apr 04 18:08:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN033024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 30 00:04:36 2024
Response via : Initial Calibration



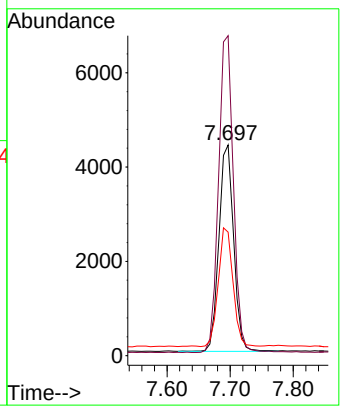


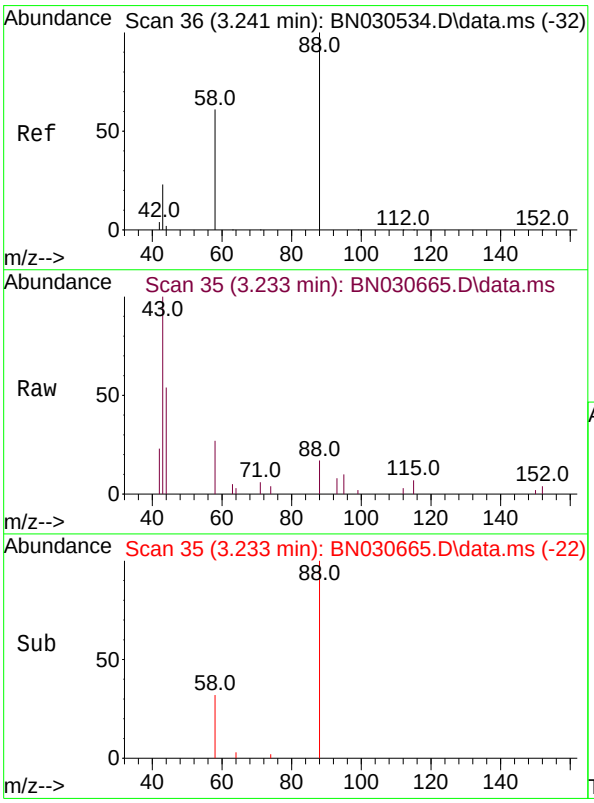
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.697 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN030665.D
Acq: 04 Apr 2024 17:41

Instrument :
BNA_N
ClientSampleId :
EB01-040224

Tgt Ion:152 Resp: 7137

Ion	Ratio	Lower	Upper
152	100		
150	151.8	124.2	186.4
115	58.6	48.6	72.8

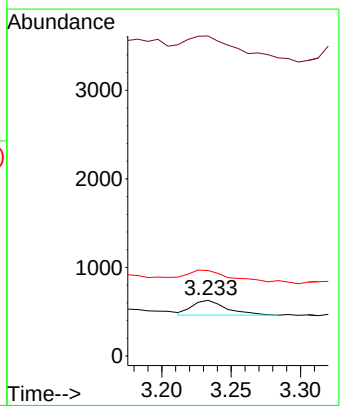


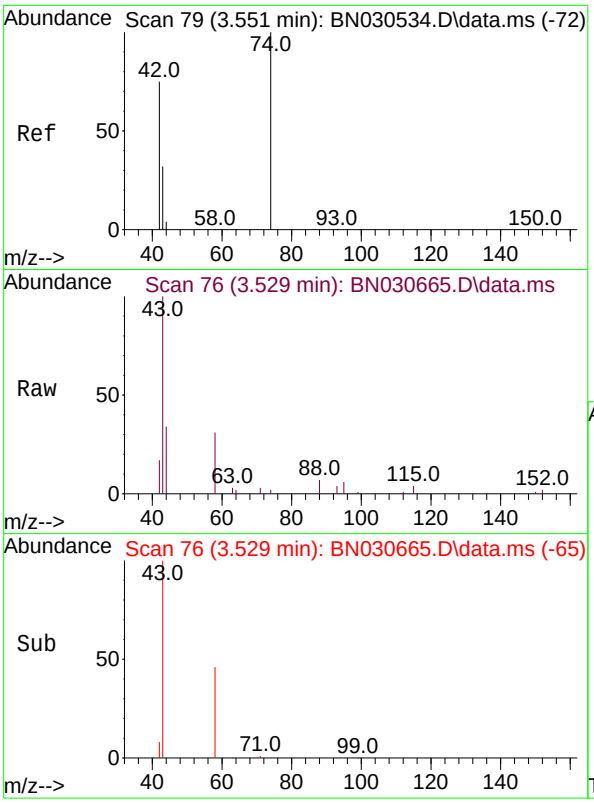


#2
1,4-Dioxane
Concen: 0.033 ng
RT: 3.233 min Scan# 35
Delta R.T. -0.007 min
Lab File: BN030665.D
Acq: 04 Apr 2024 17:41

Tgt Ion: 88 Resp: 285

Ion	Ratio	Lower	Upper
88	100		
43	271.6	21.9	32.9#
58	139.6	53.4	80.2#



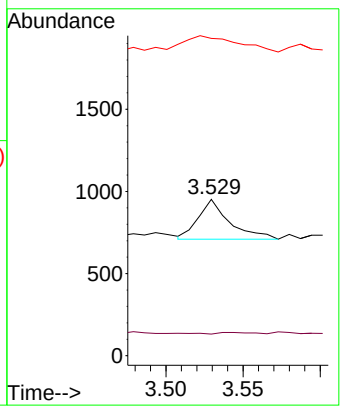


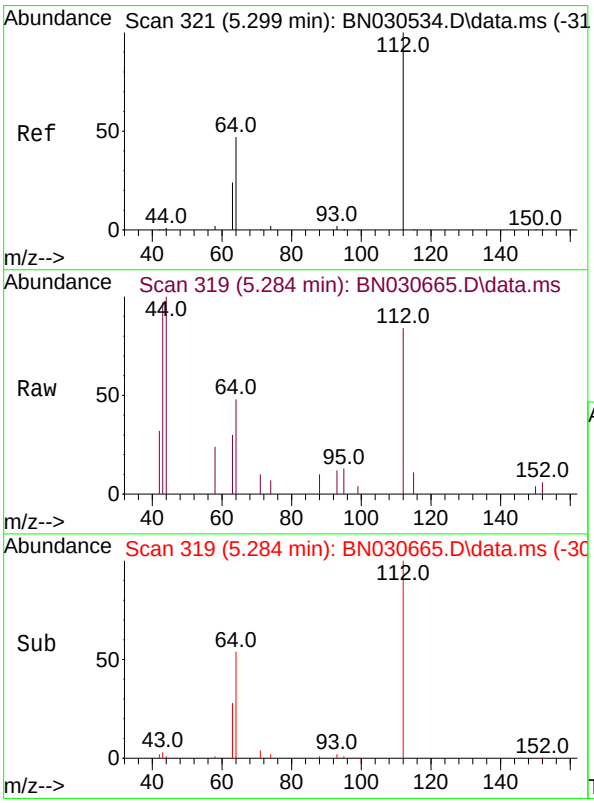
#3
n-Nitrosodimethylamine
Concen: 0.041 ng
RT: 3.529 min Scan# 7
Delta R.T. -0.022 min
Lab File: BN030665.D
Acq: 04 Apr 2024 17:41

Instrument :
BNA_N
ClientSampleId :
EB01-040224

Tgt Ion: 42 Resp: 342

Ion	Ratio	Lower	Upper
42	100		
74	4.7	100.9	151.3#
44	74.6	5.8	8.6#

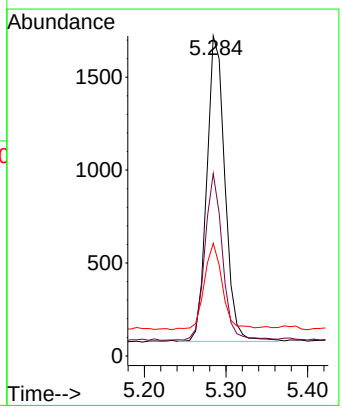


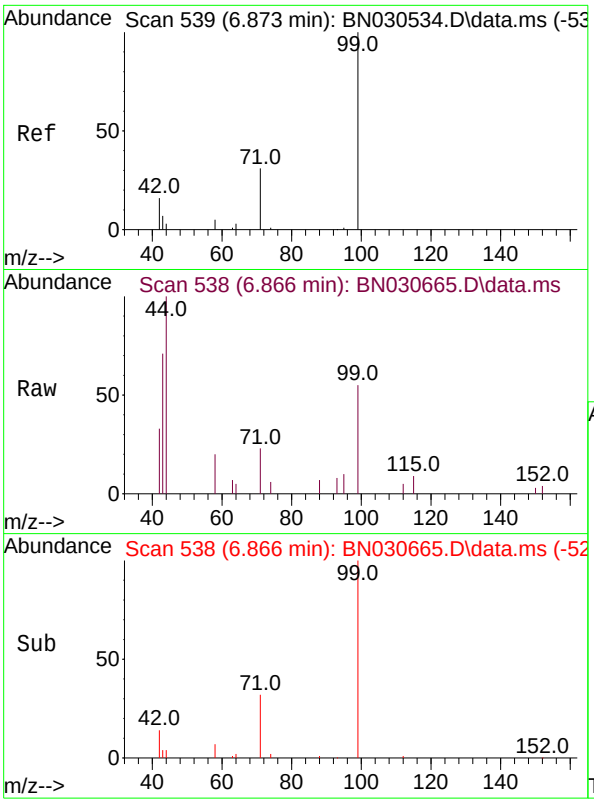


#4
2-Fluorophenol
Concen: 0.163 ng
RT: 5.284 min Scan# 319
Delta R.T. -0.014 min
Lab File: BN030665.D
Acq: 04 Apr 2024 17:41

Tgt Ion:112 Resp: 2535

Ion	Ratio	Lower	Upper
112	100		
64	53.2	43.2	64.8
63	28.5	22.5	33.7



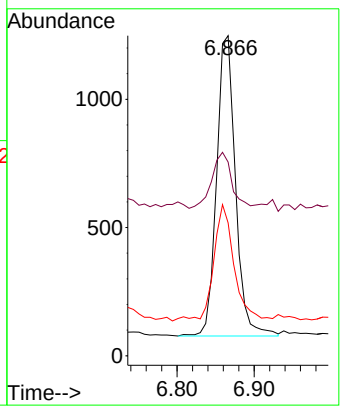


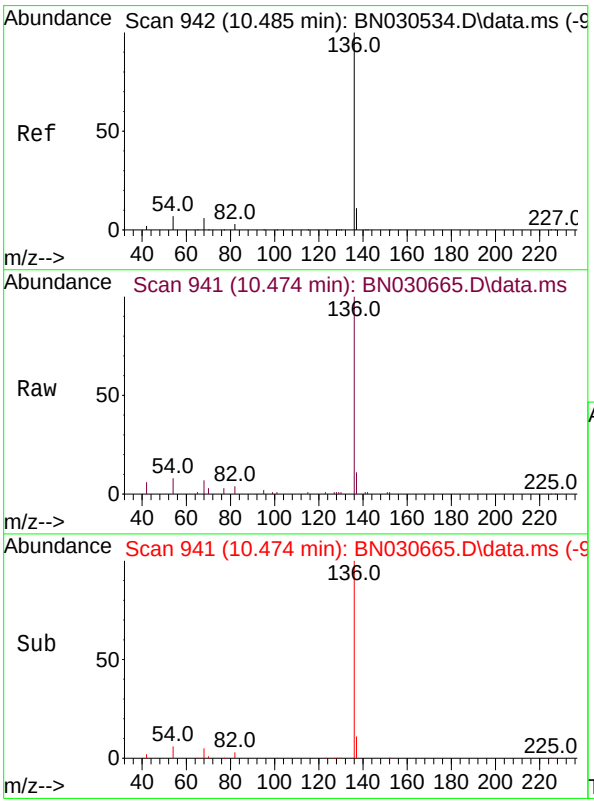
#5
Phenol-d6
Concen: 0.100 ng
RT: 6.866 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN030665.D
Acq: 04 Apr 2024 17:41

Instrument :
BNA_N
ClientSampleId :
EB01-040224

Tgt Ion: 99 Resp: 1997

Ion	Ratio	Lower	Upper
99	100		
42	21.5	15.8	23.6
71	39.4	25.9	38.9#

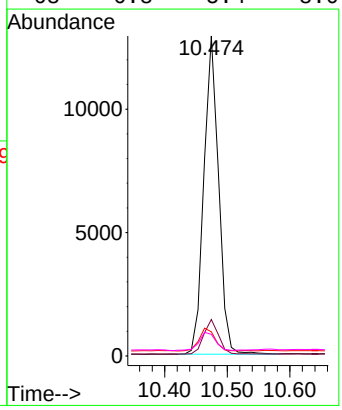


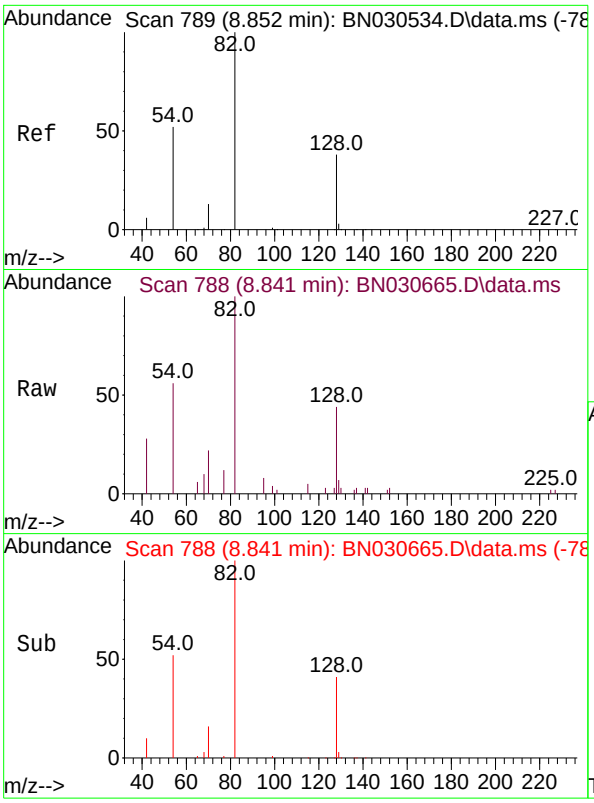


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.474 min Scan# 941
Delta R.T. -0.011 min
Lab File: BN030665.D
Acq: 04 Apr 2024 17:41

Tgt Ion:136 Resp: 21104

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	7.6	6.4	9.6
68	6.8	5.4	8.0



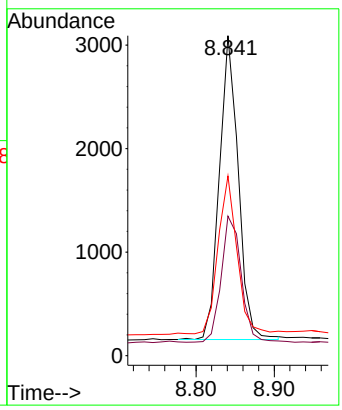


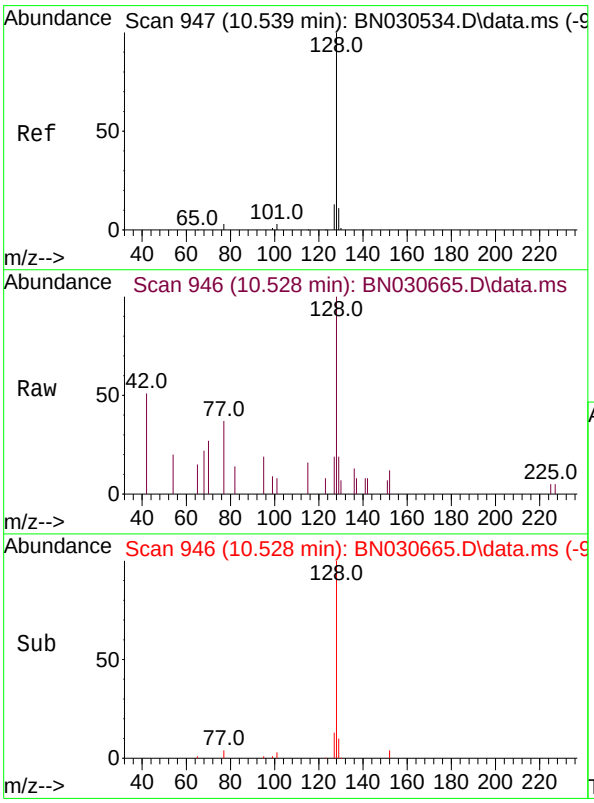
#8
Nitrobenzene-d5
Concen: 0.332 ng
RT: 8.841 min Scan# 78
Delta R.T. -0.011 min
Lab File: BN030665.D
Acq: 04 Apr 2024 17:41

Instrument :
BNA_N
ClientSampleId :
EB01-040224

Tgt Ion: 82 Resp: 4918

Ion	Ratio	Lower	Upper
82	100		
128	43.6	32.3	48.5
54	56.1	42.7	64.1

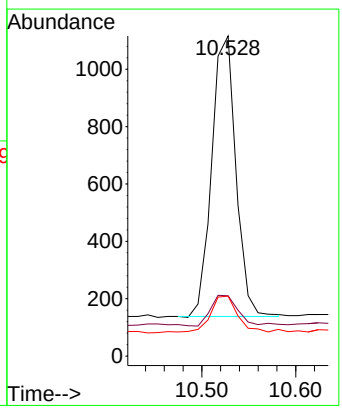


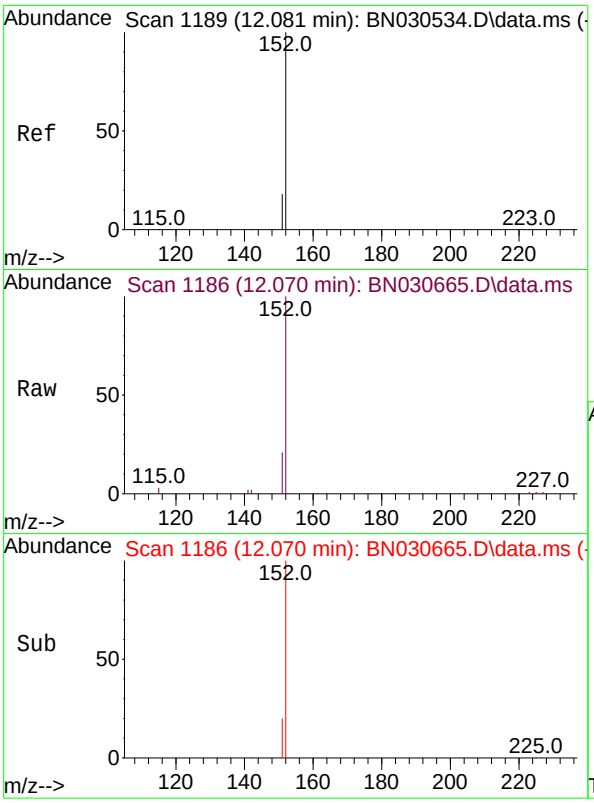


#9
Naphthalene
Concen: 0.030 ng
RT: 10.528 min Scan# 946
Delta R.T. -0.011 min
Lab File: BN030665.D
Acq: 04 Apr 2024 17:41

Tgt Ion:128 Resp: 1754

Ion	Ratio	Lower	Upper
128	100		
129	18.8	9.0	13.6#
127	18.7	10.5	15.7#



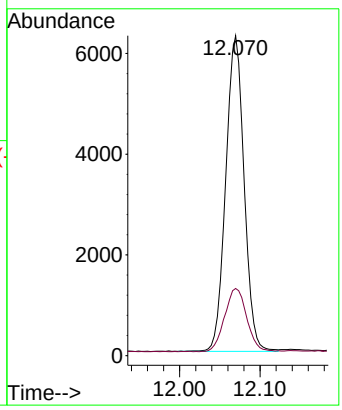


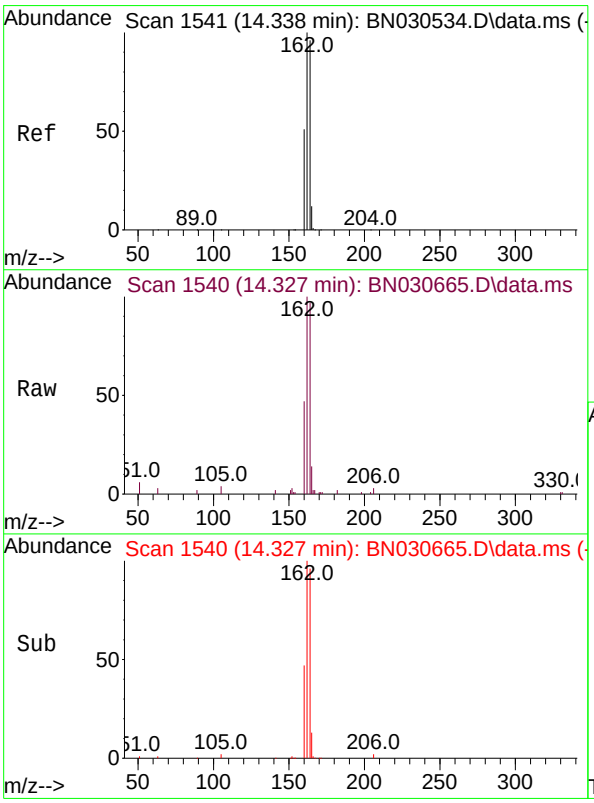
#11
2-Methylnaphthalene-d10
Concen: 0.307 ng
RT: 12.070 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN030665.D
Acq: 04 Apr 2024 17:41

Instrument :
BNA_N
ClientSampleId :
EB01-040224

Tgt Ion:152 Resp: 9924

Ion	Ratio	Lower	Upper
152	100		
151	24.3	16.7	25.1

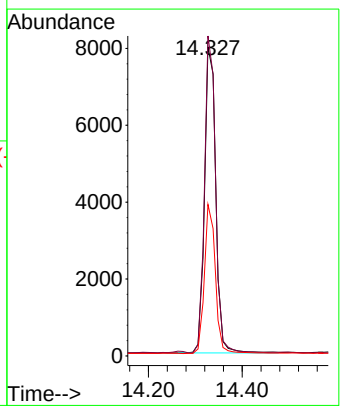


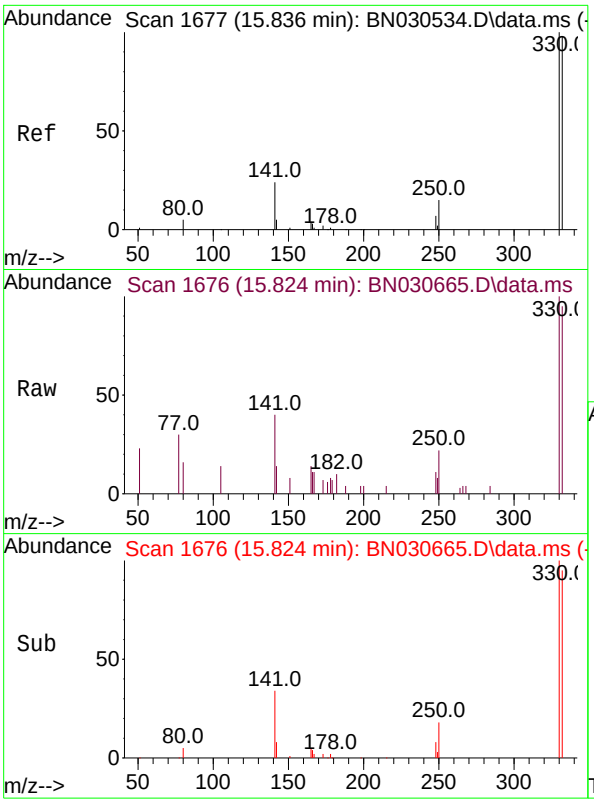


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.327 min Scan# 1540
Delta R.T. -0.011 min
Lab File: BN030665.D
Acq: 04 Apr 2024 17:41

Tgt Ion:164 Resp: 13237

Ion	Ratio	Lower	Upper
164	100		
162	103.5	83.5	125.3
160	49.0	42.5	63.7



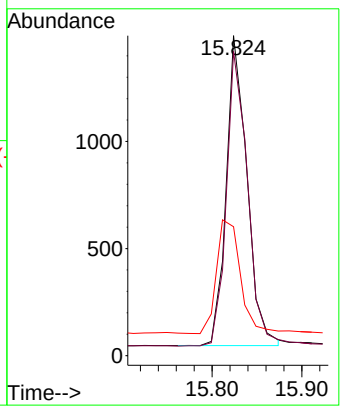


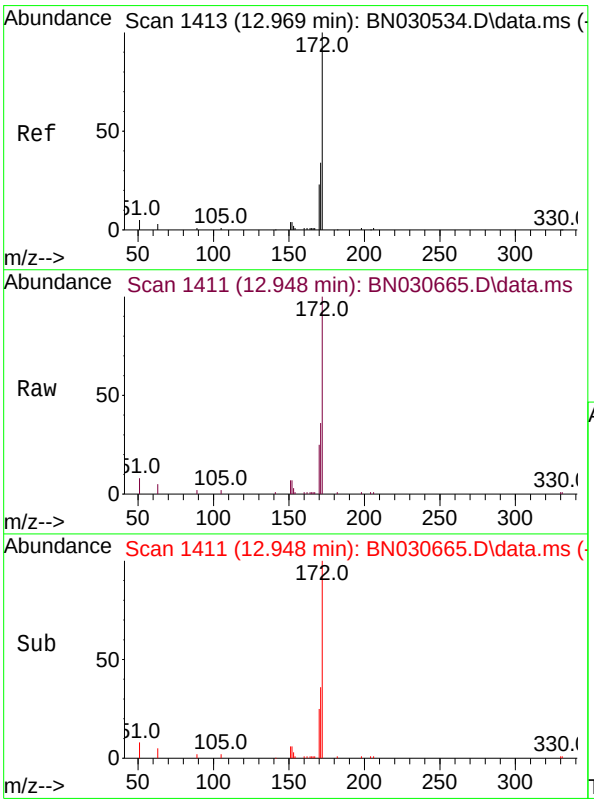
#14
2,4,6-Tribromophenol
Concen: 0.464 ng
RT: 15.824 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN030665.D
Acq: 04 Apr 2024 17:41

Instrument :
BNA_N
ClientSampleId :
EB01-040224

Tgt Ion:330 Resp: 2321

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	42.2	35.9	53.9

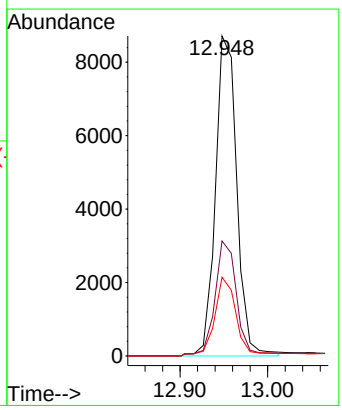


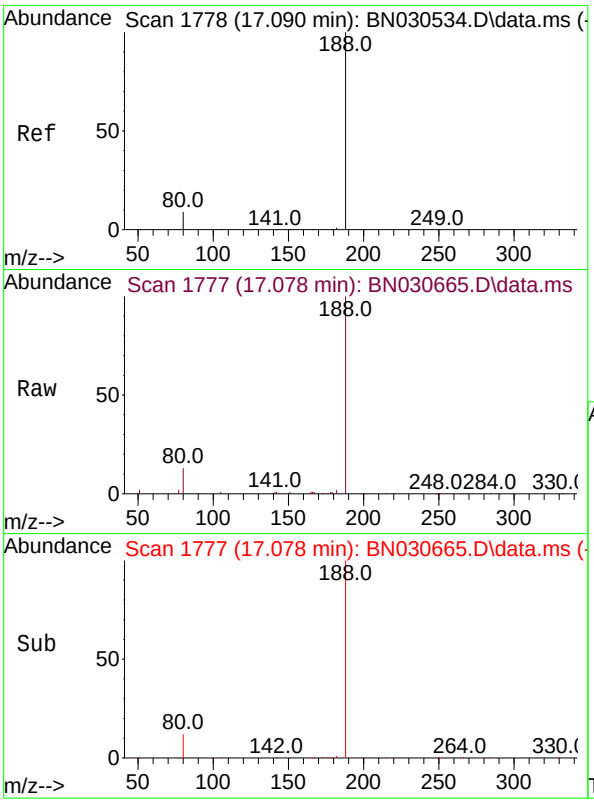


#15
2-Fluorobiphenyl
Concen: 0.258 ng
RT: 12.948 min Scan# 1411
Delta R.T. -0.021 min
Lab File: BN030665.D
Acq: 04 Apr 2024 17:41

Tgt Ion:172 Resp: 13177

Ion	Ratio	Lower	Upper
172	100		
171	35.9	27.1	40.7
170	24.6	18.3	27.5



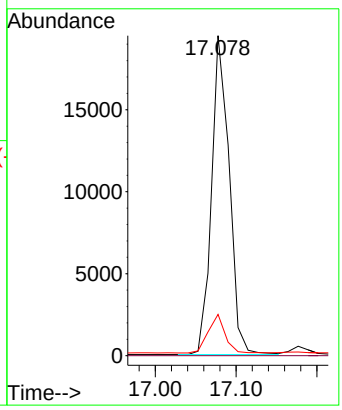


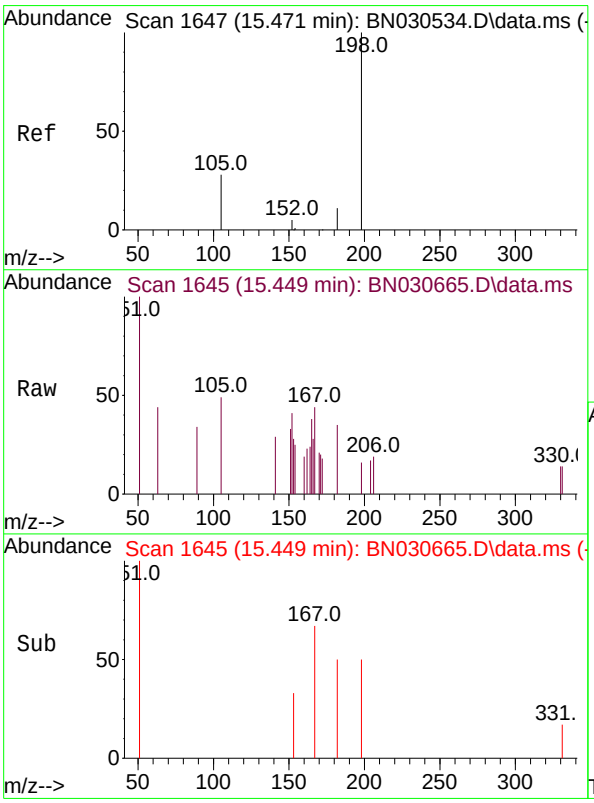
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.078 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN030665.D
Acq: 04 Apr 2024 17:41

Instrument :
BNA_N
ClientSampleId :
EB01-040224

Tgt Ion:188 Resp: 29517

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.9	7.4	11.0#

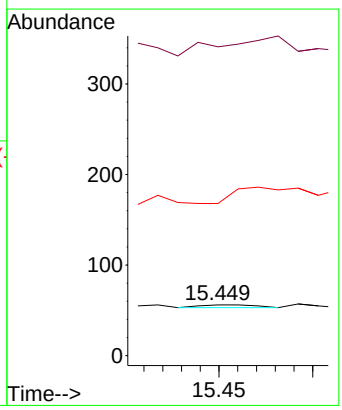


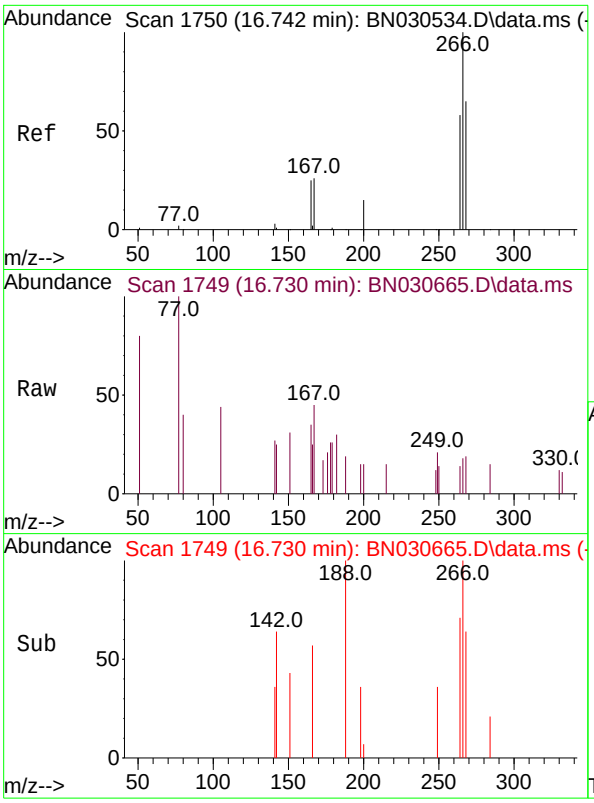


#20
4,6-Dinitro-2-methylphenol
Concen: 0.173 ng
RT: 15.449 min Scan# 1645
Delta R.T. -0.022 min
Lab File: BN030665.D
Acq: 04 Apr 2024 17:41

Tgt Ion:198 Resp: 6

Ion	Ratio	Lower	Upper
198	100		
51	608.9	57.8	86.6#
105	300.0	37.5	56.3#



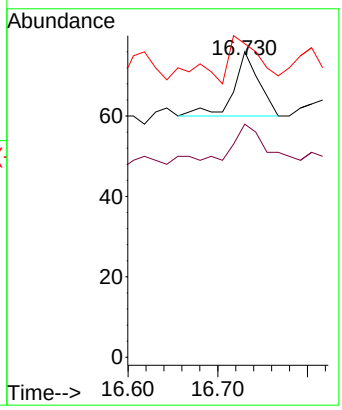


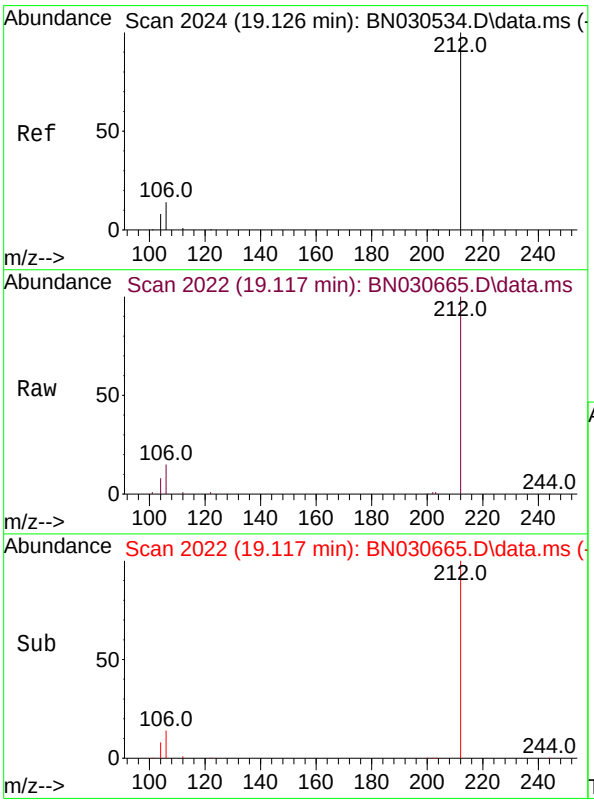
#24
Pentachlorophenol
Concen: 0.175 ng
RT: 16.730 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN030665.D
Acq: 04 Apr 2024 17:41

Instrument :
BNA_N
ClientSampleId :
EB01-040224

Tgt Ion:266 Resp: 31

Ion	Ratio	Lower	Upper
266	100		
264	61.3	48.7	73.1
268	87.1	49.5	74.3#

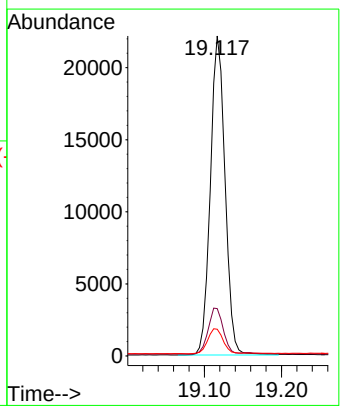


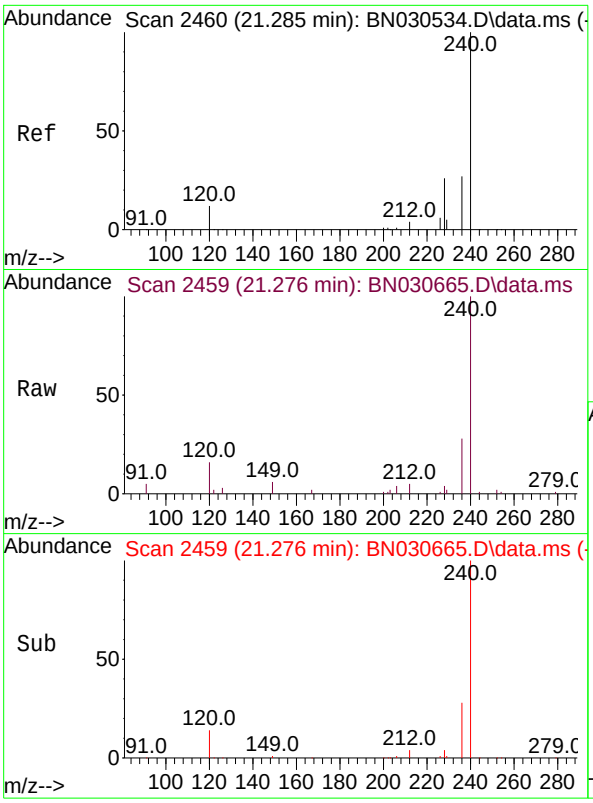


#27
Fluoranthene-d10
Concen: 0.369 ng
RT: 19.117 min Scan# 2022
Delta R.T. -0.009 min
Lab File: BN030665.D
Acq: 04 Apr 2024 17:41

Tgt Ion:212 Resp: 29326

Ion	Ratio	Lower	Upper
212	100		
106	14.7	11.8	17.6
104	8.2	6.6	9.8



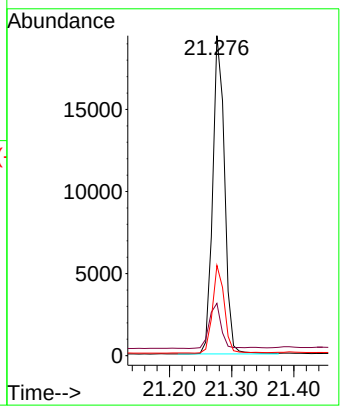


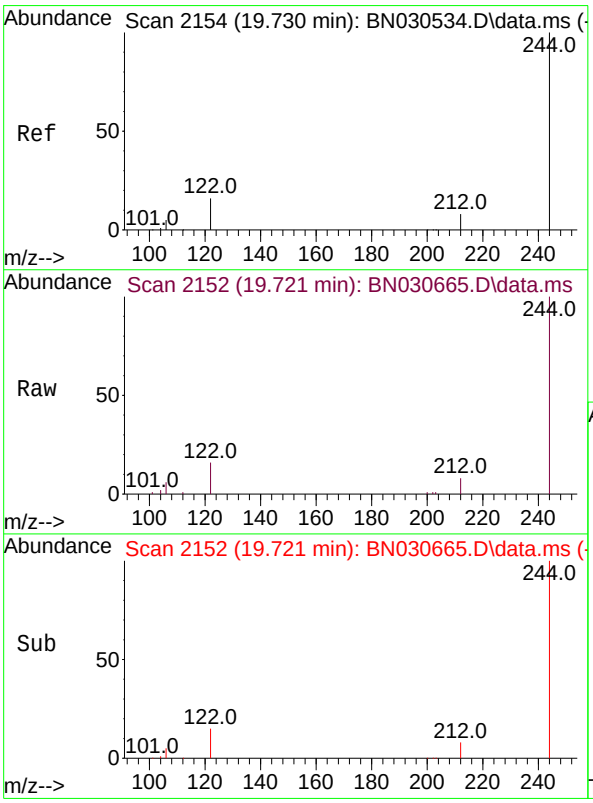
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.276 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN030665.D
Acq: 04 Apr 2024 17:41

Instrument :
BNA_N
ClientSampleId :
EB01-040224

Tgt Ion:240 Resp: 25621

Ion	Ratio	Lower	Upper
240	100		
120	16.4	10.6	15.8#
236	28.2	22.1	33.1

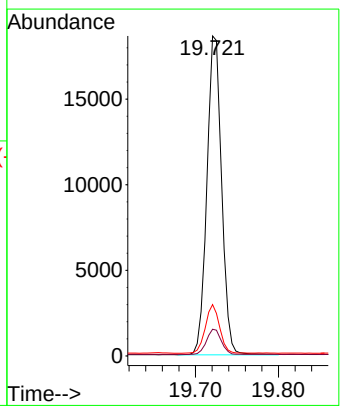


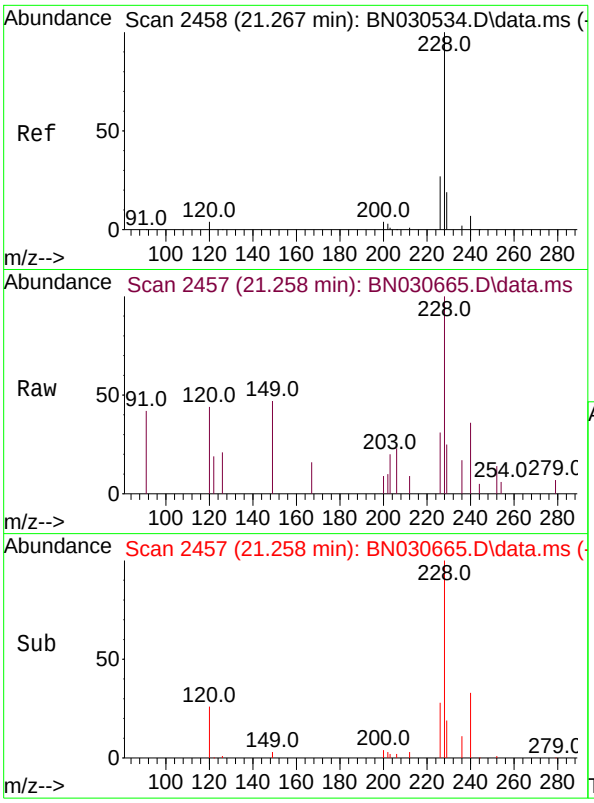


#31
Terphenyl-d14
Concen: 0.388 ng
RT: 19.721 min Scan# 2152
Delta R.T. -0.009 min
Lab File: BN030665.D
Acq: 04 Apr 2024 17:41

Tgt Ion:244 Resp: 22982

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.9	10.3
122	16.1	12.7	19.1



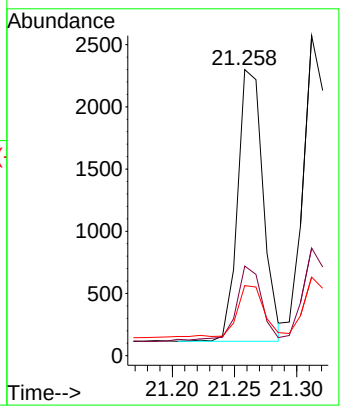


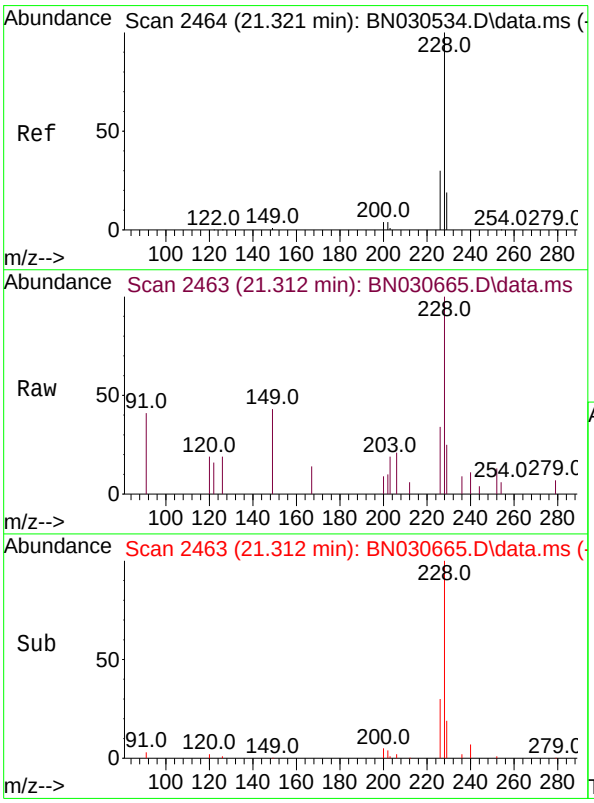
#32
Benzo(a)anthracene
Concen: 0.034 ng
RT: 21.258 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN030665.D
Acq: 04 Apr 2024 17:41

Instrument :
BNA_N
ClientSampleId :
EB01-040224

Tgt Ion:228 Resp: 3101

Ion	Ratio	Lower	Upper
228	100		
226	31.3	21.8	32.8
229	24.5	15.4	23.2#

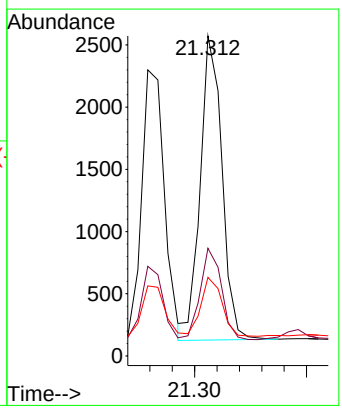


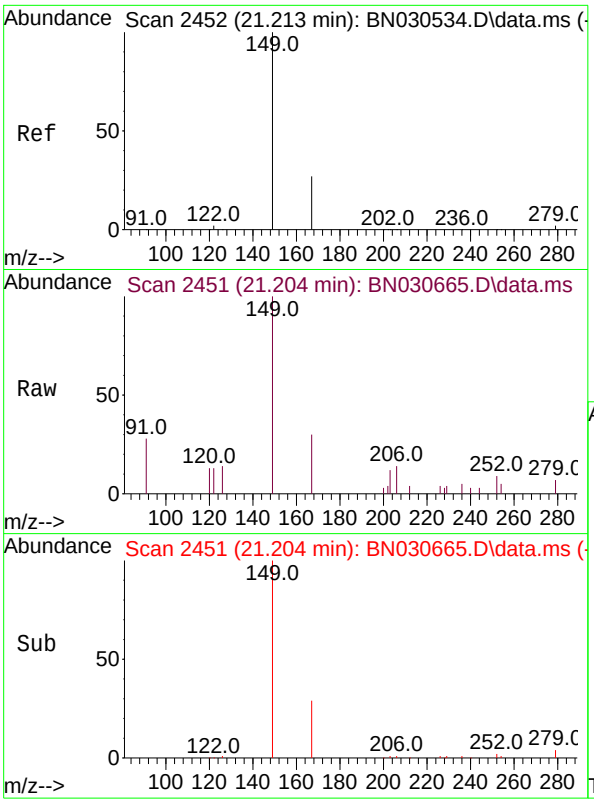


#33
Chrysene
Concen: 0.034 ng
RT: 21.312 min Scan# 2463
Delta R.T. -0.009 min
Lab File: BN030665.D
Acq: 04 Apr 2024 17:41

Tgt Ion:228 Resp: 3299

Ion	Ratio	Lower	Upper
228	100		
226	33.7	24.3	36.5
229	24.5	15.8	23.6#



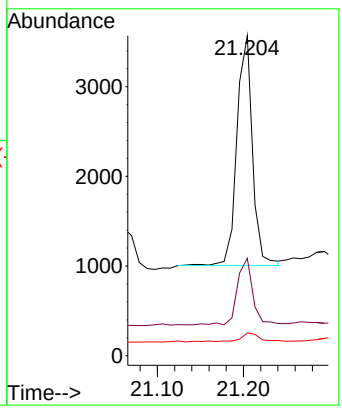


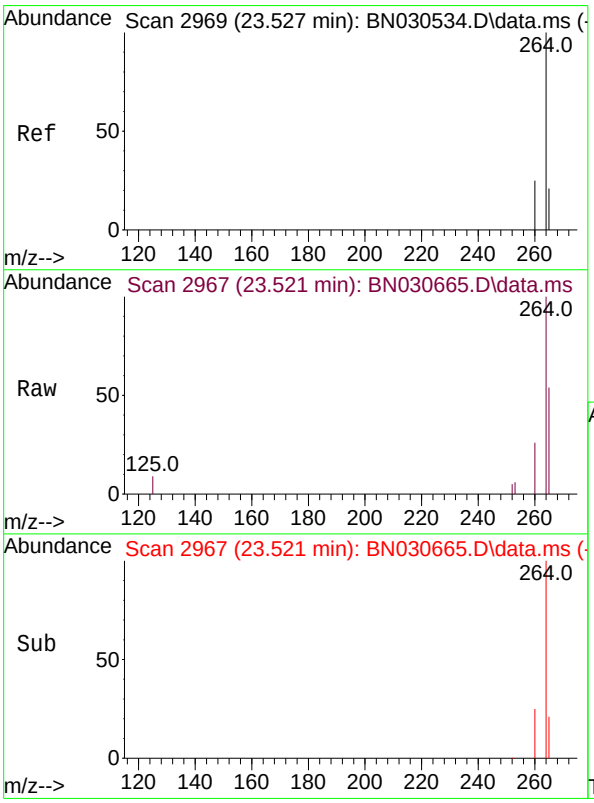
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.082 ng
RT: 21.204 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN030665.D
Acq: 04 Apr 2024 17:41

Instrument :
BNA_N
ClientSampleId :
EB01-040224

Tgt Ion:149 Resp: 3237

Ion	Ratio	Lower	Upper
149	100		
167	28.8	21.4	32.0
279	5.4	2.3	3.5#

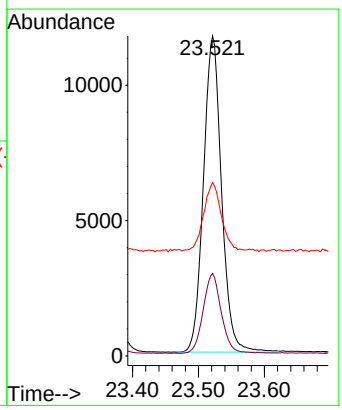


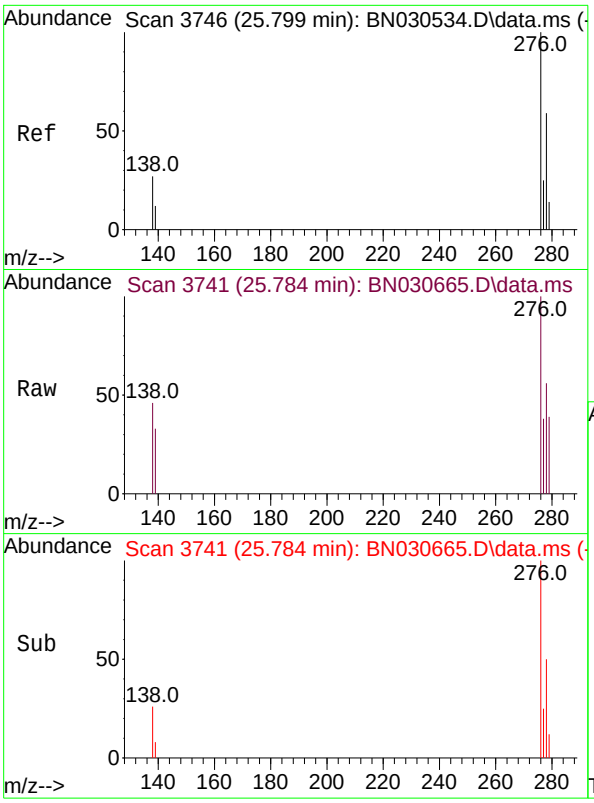


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.521 min Scan# 2967
Delta R.T. -0.006 min
Lab File: BN030665.D
Acq: 04 Apr 2024 17:41

Tgt Ion:264 Resp: 22333

Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.6	30.8
265	54.2	41.8	62.8



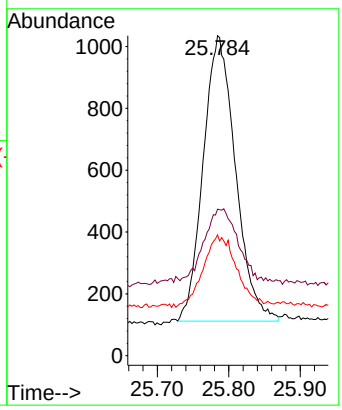


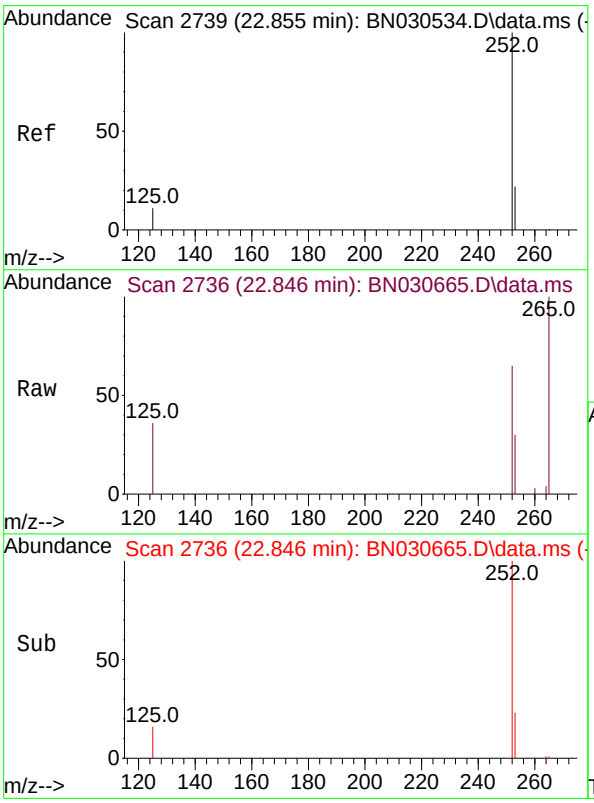
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.029 ng
RT: 25.784 min Scan# 3
Delta R.T. -0.015 min
Lab File: BN030665.D
Acq: 04 Apr 2024 17:41

Instrument :
BNA_N
ClientSampleId :
EB01-040224

Tgt Ion:276 Resp: 2896

Ion	Ratio	Lower	Upper
276	100		
138	26.9	23.0	34.4
277	26.0	20.1	30.1

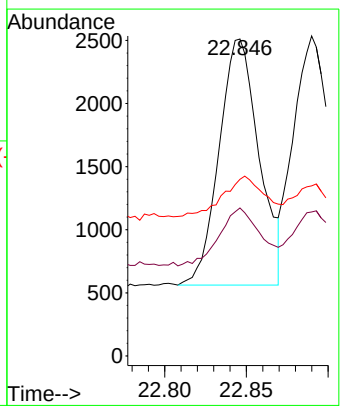


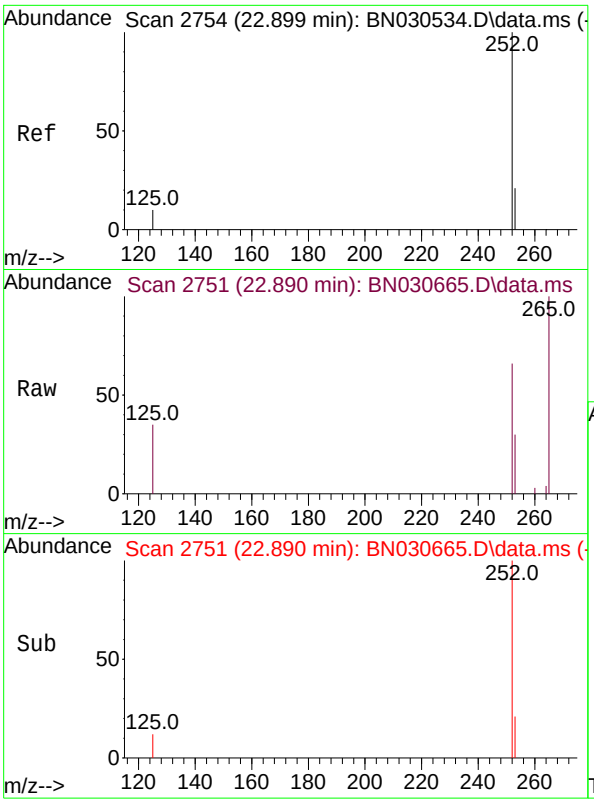


#37
Benzo(b)fluoranthene
Concen: 0.037 ng
RT: 22.846 min Scan# 2736
Delta R.T. -0.009 min
Lab File: BN030665.D
Acq: 04 Apr 2024 17:41

Tgt Ion:252 Resp: 3329

Ion	Ratio	Lower	Upper
252	100		
253	46.7	19.2	28.8#
125	55.7	11.7	17.5#



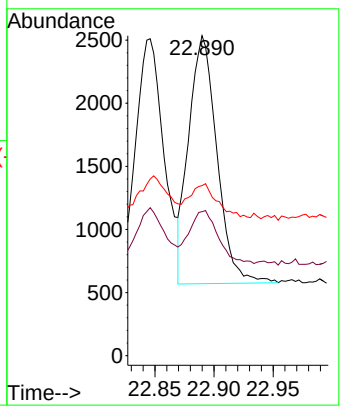


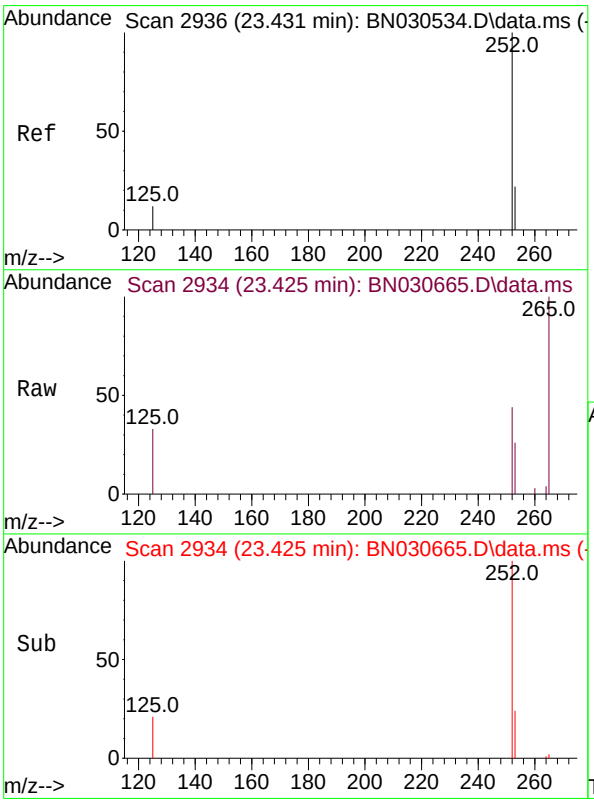
#38
Benzo(k)fluoranthene
Concen: 0.036 ng
RT: 22.890 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN030665.D
Acq: 04 Apr 2024 17:41

Instrument :
BNA_N
ClientSampleId :
EB01-040224

Tgt Ion:252 Resp: 3267

Ion	Ratio	Lower	Upper
252	100		
253	45.0	18.9	28.3#
125	53.2	11.5	17.3#

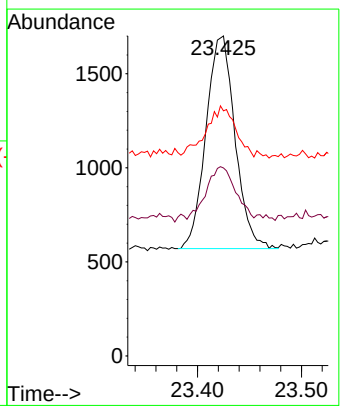


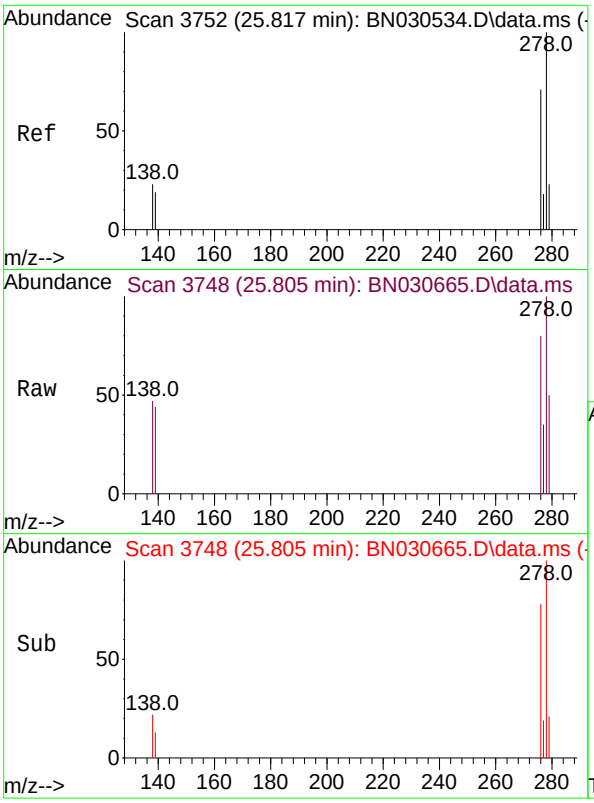


#39
Benzo(a)pyrene
Concen: 0.030 ng
RT: 23.425 min Scan# 2934
Delta R.T. -0.006 min
Lab File: BN030665.D
Acq: 04 Apr 2024 17:41

Tgt Ion:252 Resp: 2194

Ion	Ratio	Lower	Upper
252	100		
253	58.7	20.0	30.0#
125	76.6	14.3	21.5#



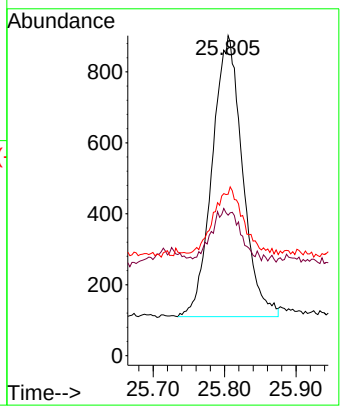


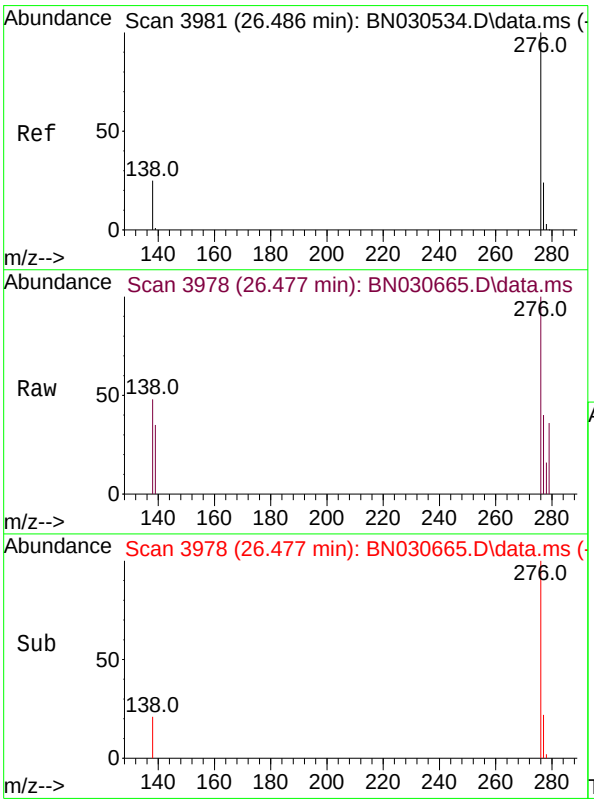
#40
Dibenzo(a,h)anthracene
Concen: 0.030 ng
RT: 25.805 min Scan# 3
Delta R.T. -0.012 min
Lab File: BN030665.D
Acq: 04 Apr 2024 17:41

Instrument :
BNA_N
ClientSampleId :
EB01-040224

Tgt Ion:278 Resp: 2326

Ion	Ratio	Lower	Upper
278	100		
139	43.9	16.2	24.2#
279	50.4	20.6	30.8#





#41
Benzo(g,h,i)perylene
Concen: 0.027 ng
RT: 26.477 min Scan# 3978
Delta R.T. -0.009 min
Lab File: BN030665.D
Acq: 04 Apr 2024 17:41

Tgt Ion:276 Resp: 2247

Ion	Ratio	Lower	Upper
276	100		
277	39.8	19.8	29.6#
138	48.0	20.6	31.0#