Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040524\
Data File : BN030664.D
Acq On : 04 Apr 2024 17:04
Operator : MA/JU
Sample : P1964-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RSB-02-17-040224

Quant Time: Apr 04 17:35:45 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

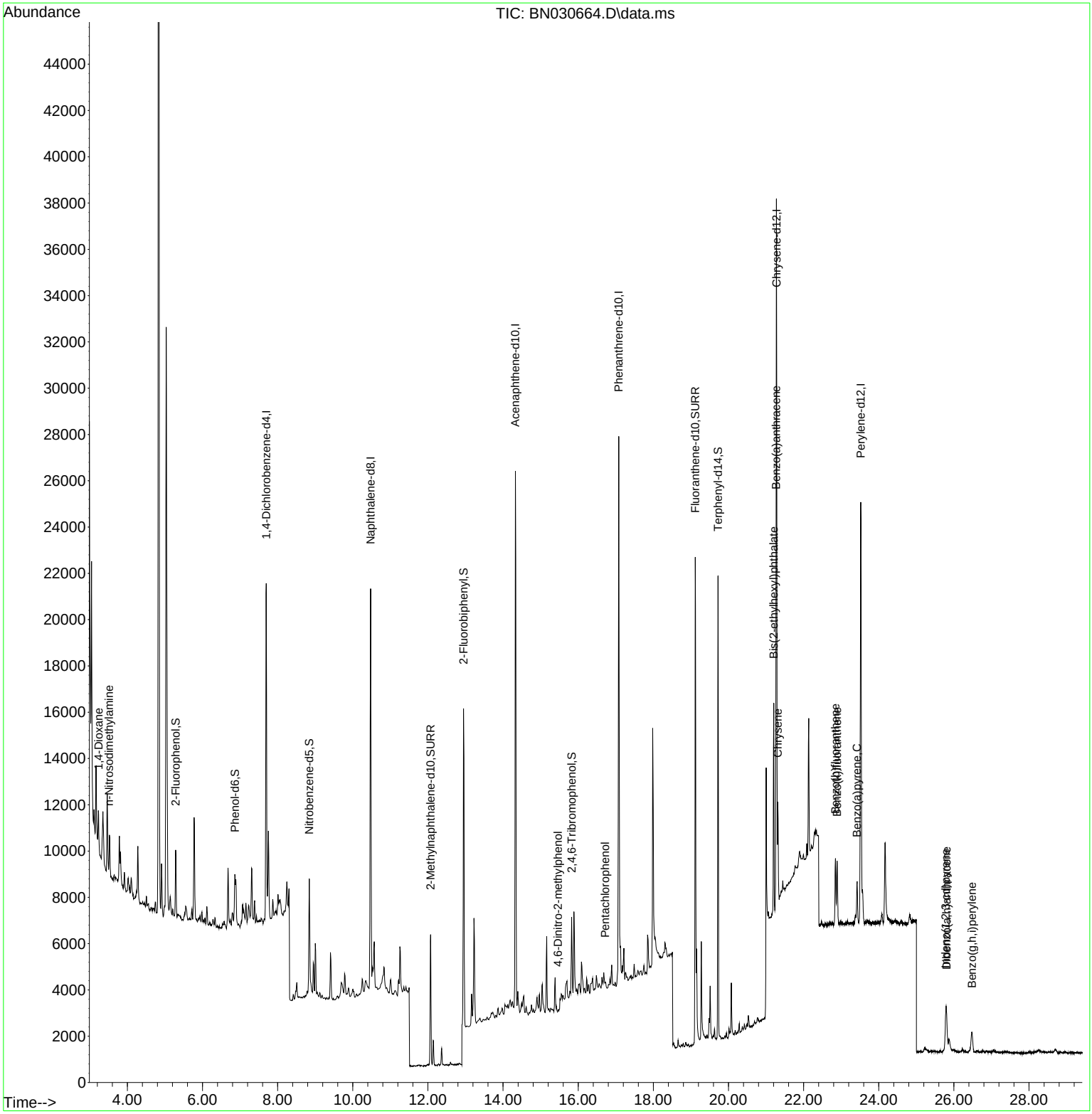
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.697	152	7304	0.400	ng	0.00
7) Naphthalene-d8	10.475	136	22254	0.400	ng	-0.01
13) Acenaphthene-d10	14.327	164	13913	0.400	ng	-0.01
19) Phenanthrene-d10	17.078	188	31114	0.400	ng	#-0.01
29) Chrysene-d12	21.276	240	26367	0.400	ng	0.00
35) Perylene-d12	23.521	264	23386	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.284	112	2358	0.148	ng	-0.01
5) Phenol-d6	6.866	99	1961	0.096	ng	0.00
8) Nitrobenzene-d5	8.841	82	3791	0.242	ng	-0.01
11) 2-Methylnaphthalene-d10	12.070	152	7538	0.221	ng	-0.01
14) 2,4,6-Tribromophenol	15.824	330	1867	0.355	ng	-0.01
15) 2-Fluorobiphenyl	12.948	172	11426	0.212	ng	-0.02
27) Fluoranthene-d10	19.117	212	22629	0.270	ng	0.00
31) Terphenyl-d14	19.721	244	18534	0.304	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.233	88	1298	0.147	ng	# 59
3) n-Nitrosodimethylamine	3.515	42	192	0.023	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.460	198	21	0.176	ng	# 1
24) Pentachlorophenol	16.718	266	175	0.191	ng	# 71
32) Benzo(a)anthracene	21.267	228	3232	0.035	ng	# 90
33) Chrysene	21.312	228	3528	0.035	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.204	149	8720	0.215	ng	# 100
36) Indeno(1,2,3-cd)pyrene	25.781	276	2468	0.024	ng	95
37) Benzo(b)fluoranthene	22.846	252	3302	0.035	ng	# 20
38) Benzo(k)fluoranthene	22.890	252	3078	0.032	ng	# 15
39) Benzo(a)pyrene	23.422	252	2270	0.030	ng	# 1
40) Dibenzo(a,h)anthracene	25.808	278	1939	0.024	ng	# 23
41) Benzo(g,h,i)perylene	26.477	276	1860	0.021	ng	# 49

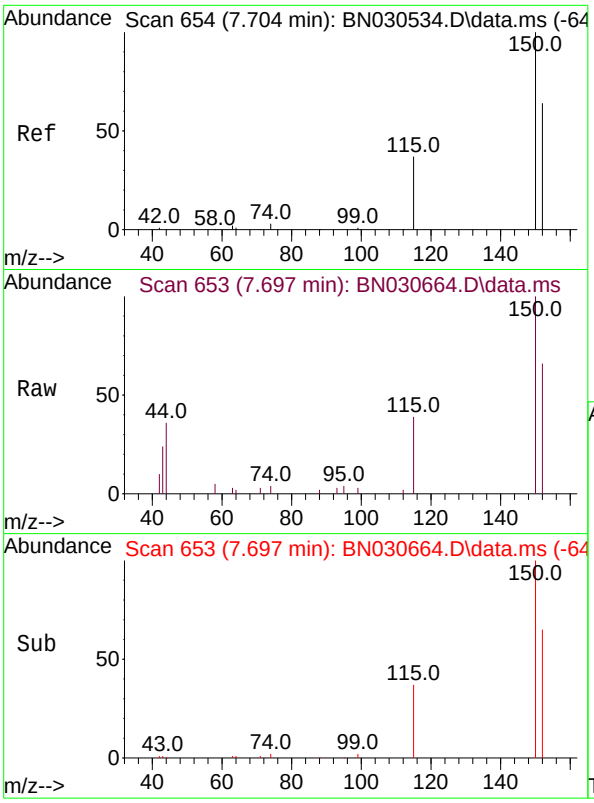
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040524\
Data File : BN030664.D
Acq On : 04 Apr 2024 17:04
Operator : MA/JU
Sample : P1964-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RSB-02-17-040224

Quant Time: Apr 04 17:35:45 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



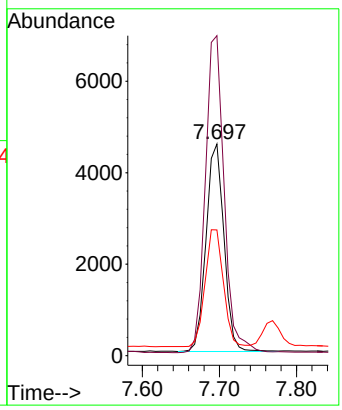


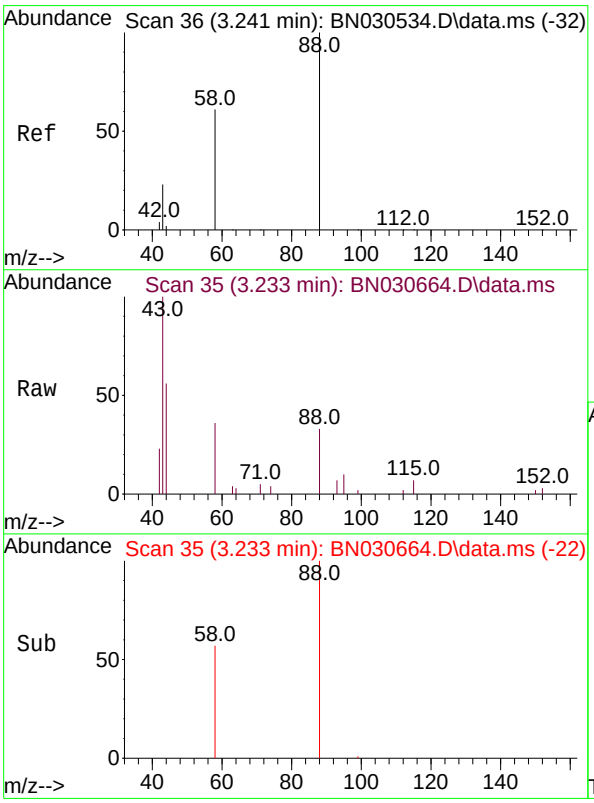
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.697 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN030664.D
Acq: 04 Apr 2024 17:04

Instrument :
BNA_N
ClientSampleId :
RSB-02-17-040224

Tgt Ion:152 Resp: 7304

Ion	Ratio	Lower	Upper
152	100		
150	151.1	124.2	186.4
115	59.4	48.6	72.8

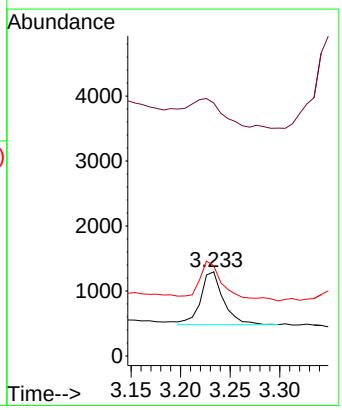


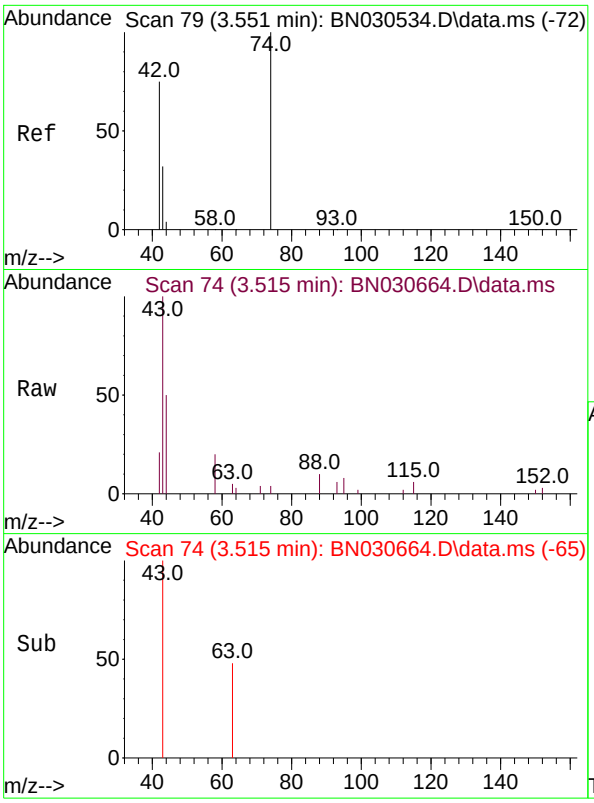


#2
1,4-Dioxane
Concen: 0.147 ng
RT: 3.233 min Scan# 35
Delta R.T. -0.007 min
Lab File: BN030664.D
Acq: 04 Apr 2024 17:04

Tgt Ion: 88 Resp: 1298

Ion	Ratio	Lower	Upper
88	100		
43	77.9	21.9	32.9#
58	80.7	53.4	80.2#



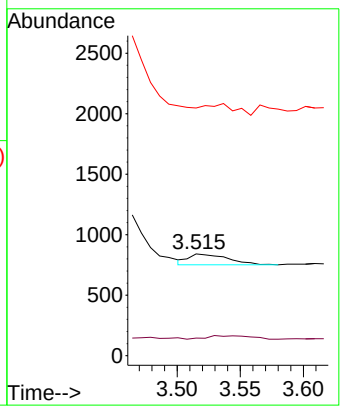


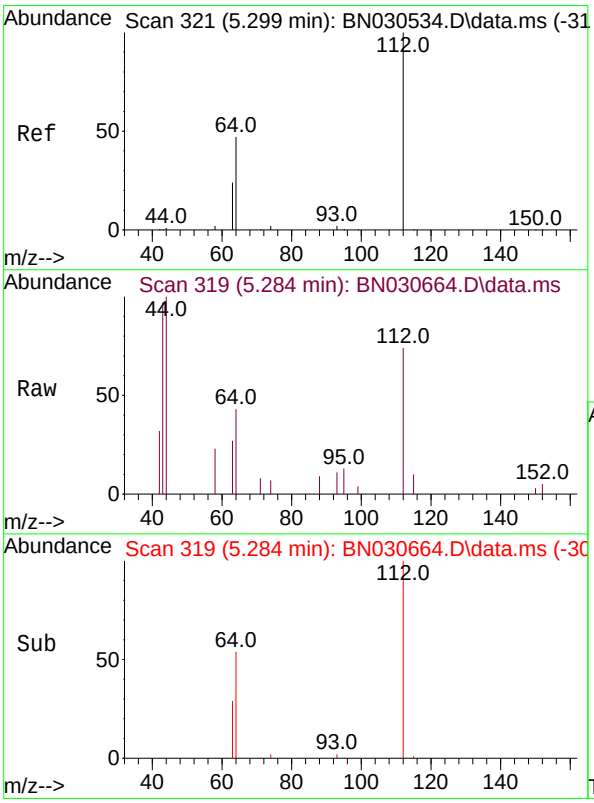
#3
n-Nitrosodimethylamine
Concen: 0.023 ng
RT: 3.515 min Scan# 7
Delta R.T. -0.036 min
Lab File: BN030664.D
Acq: 04 Apr 2024 17:04

Instrument :
BNA_N
ClientSampleId :
RSB-02-17-040224

Tgt Ion: 42 Resp: 192

Ion	Ratio	Lower	Upper
42	100		
74	0.0	100.9	151.3#
44	0.0	5.8	8.6#

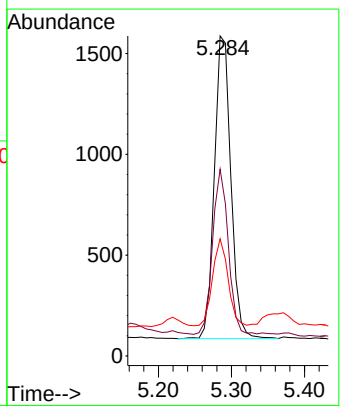


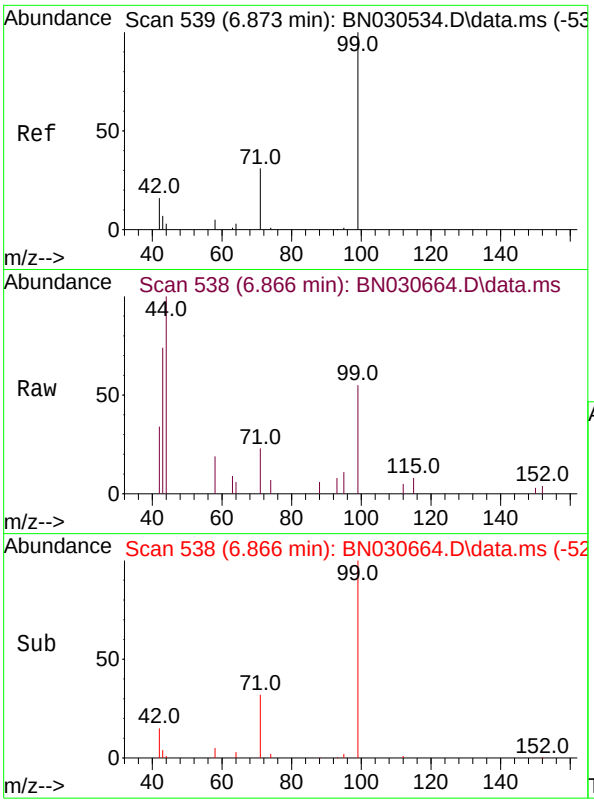


#4
2-Fluorophenol
Concen: 0.148 ng
RT: 5.284 min Scan# 319
Delta R.T. -0.014 min
Lab File: BN030664.D
Acq: 04 Apr 2024 17:04

Tgt Ion:112 Resp: 2358

Ion	Ratio	Lower	Upper
112	100		
64	51.7	43.2	64.8
63	26.5	22.5	33.7



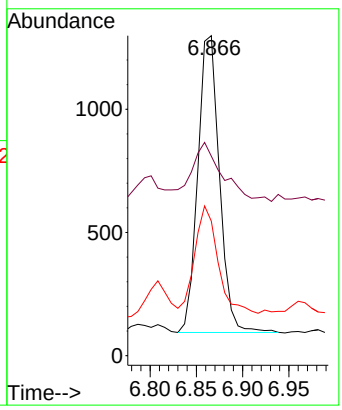


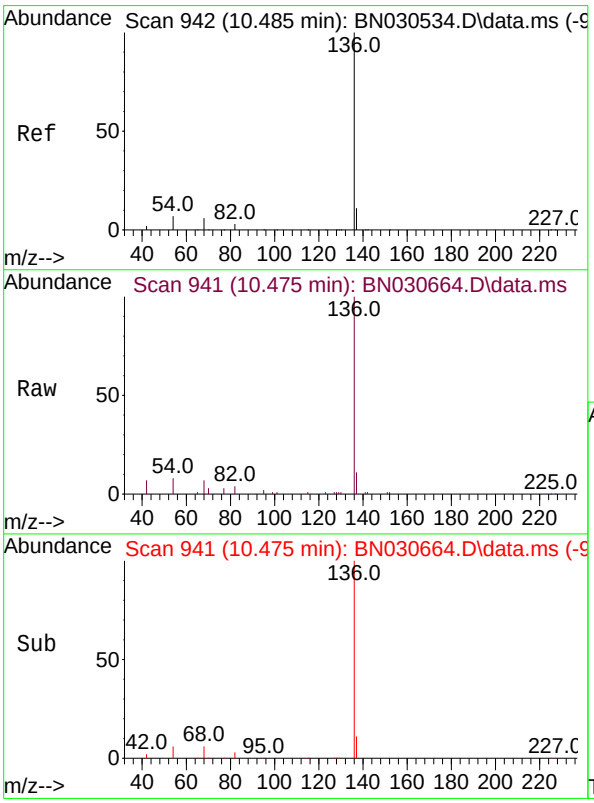
#5
Phenol-d6
Concen: 0.096 ng
RT: 6.866 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN030664.D
Acq: 04 Apr 2024 17:04

Instrument :
BNA_N
ClientSampleId :
RSB-02-17-040224

Tgt Ion: 99 Resp: 1961

Ion	Ratio	Lower	Upper
99	100		
42	28.6	15.8	23.6#
71	39.4	25.9	38.9#

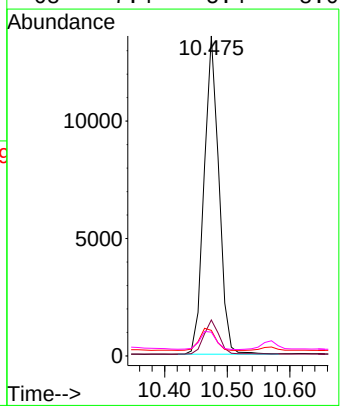


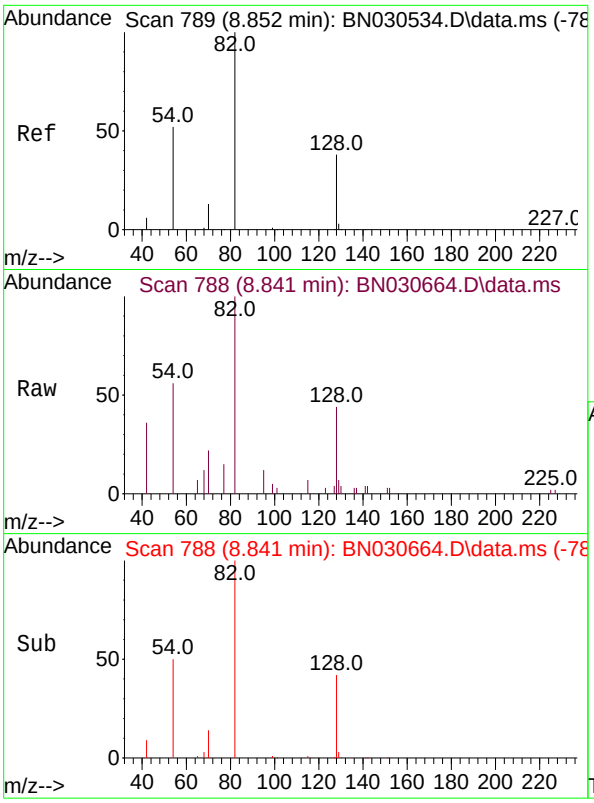


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.475 min Scan# 941
Delta R.T. -0.011 min
Lab File: BN030664.D
Acq: 04 Apr 2024 17:04

Tgt Ion:136 Resp: 22254

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	8.0	6.4	9.6
68	7.4	5.4	8.0



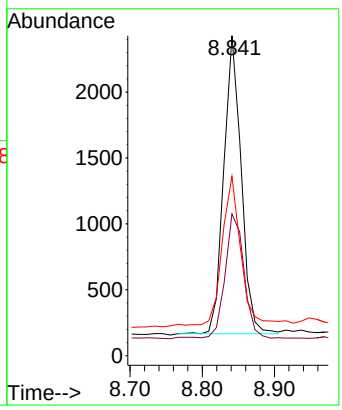


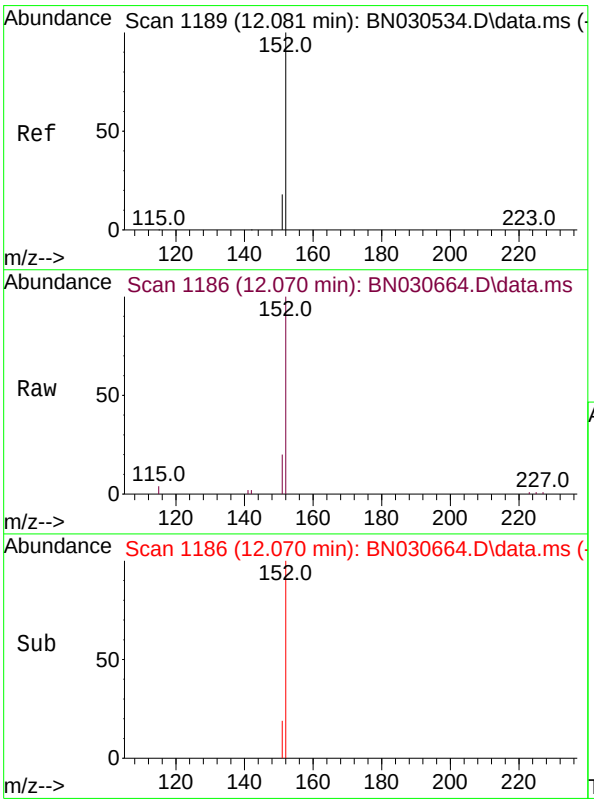
#8
Nitrobenzene-d5
Concen: 0.242 ng
RT: 8.841 min Scan# 78
Delta R.T. -0.011 min
Lab File: BN030664.D
Acq: 04 Apr 2024 17:04

Instrument :
BNA_N
ClientSampleId :
RSB-02-17-040224

Tgt Ion: 82 Resp: 3791

Ion	Ratio	Lower	Upper
82	100		
128	44.3	32.3	48.5
54	56.0	42.7	64.1

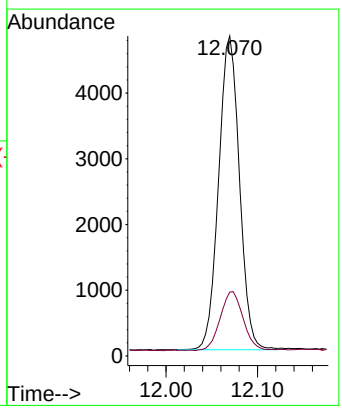


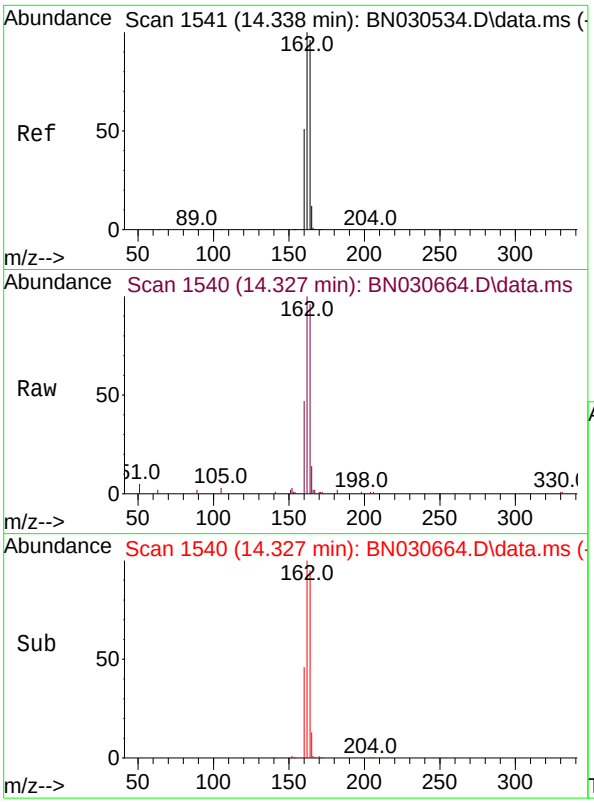


#11
2-Methylnaphthalene-d10
Concen: 0.221 ng
RT: 12.070 min Scan# 1186
Delta R.T. -0.011 min
Lab File: BN030664.D
Acq: 04 Apr 2024 17:04

Tgt Ion:152 Resp: 7538

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.7	25.1



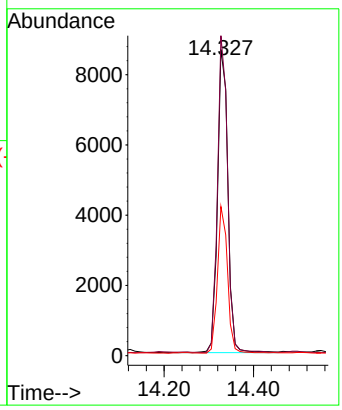


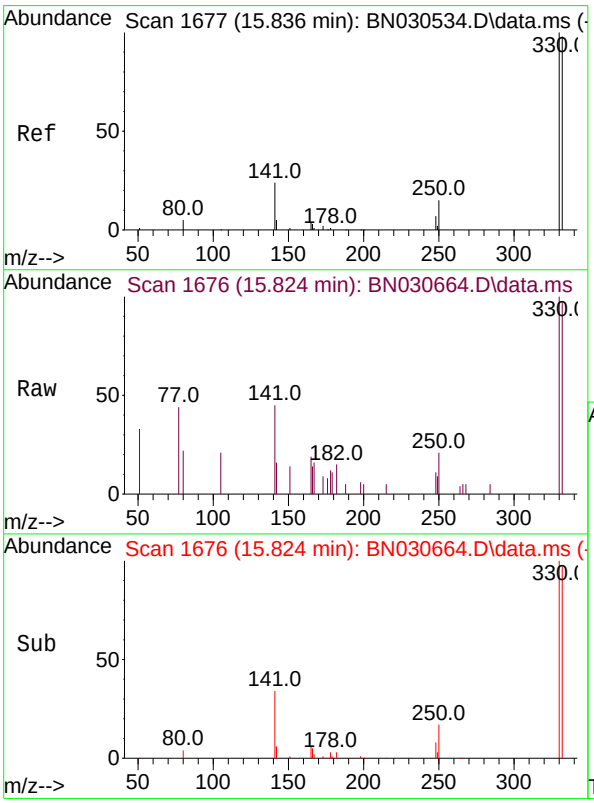
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.327 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN030664.D
Acq: 04 Apr 2024 17:04

Instrument :
BNA_N
ClientSampleId :
RSB-02-17-040224

Tgt Ion:164 Resp: 13913

Ion	Ratio	Lower	Upper
164	100		
162	104.5	83.5	125.3
160	48.7	42.5	63.7

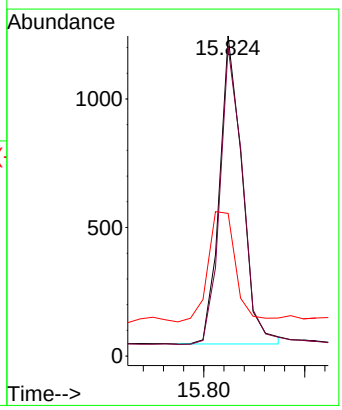


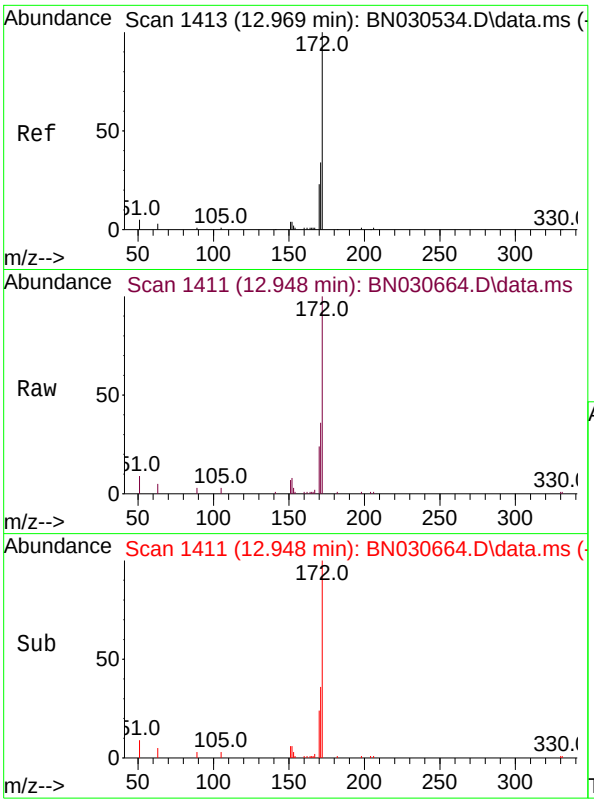


#14
2,4,6-Tribromophenol
Concen: 0.355 ng
RT: 15.824 min Scan# 1676
Delta R.T. -0.012 min
Lab File: BN030664.D
Acq: 04 Apr 2024 17:04

Tgt Ion:330 Resp: 1867

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	43.1	35.9	53.9



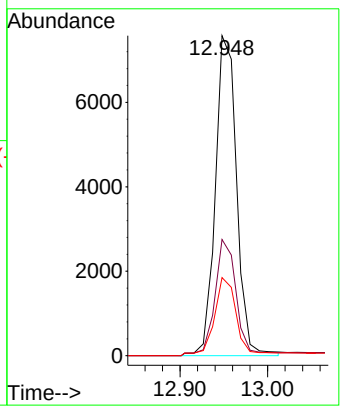


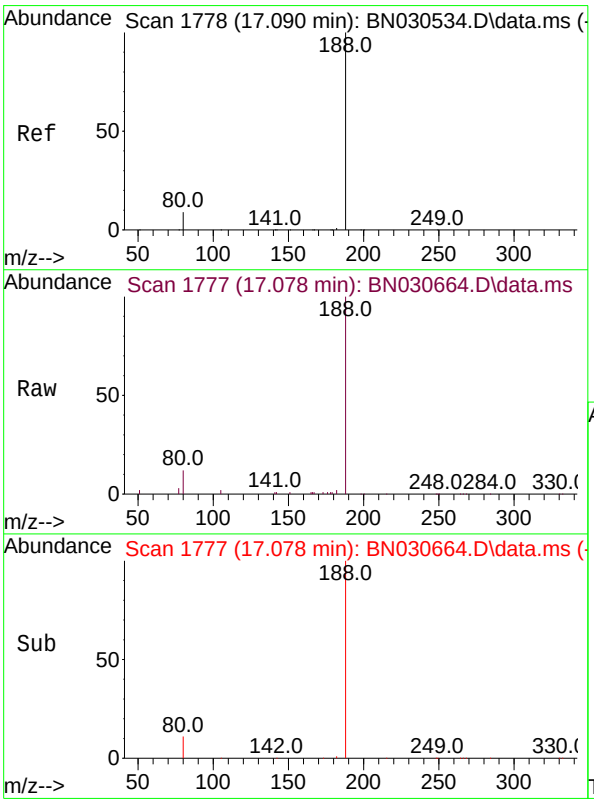
#15
2-Fluorobiphenyl
Concen: 0.212 ng
RT: 12.948 min Scan# 14
Delta R.T. -0.021 min
Lab File: BN030664.D
Acq: 04 Apr 2024 17:04

Instrument :
BNA_N
ClientSampleId :
RSB-02-17-040224

Tgt Ion:172 Resp: 11426

Ion	Ratio	Lower	Upper
172	100		
171	36.3	27.1	40.7
170	24.4	18.3	27.5

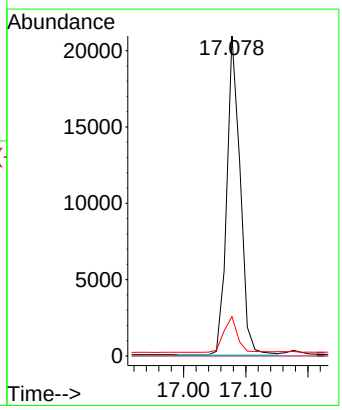


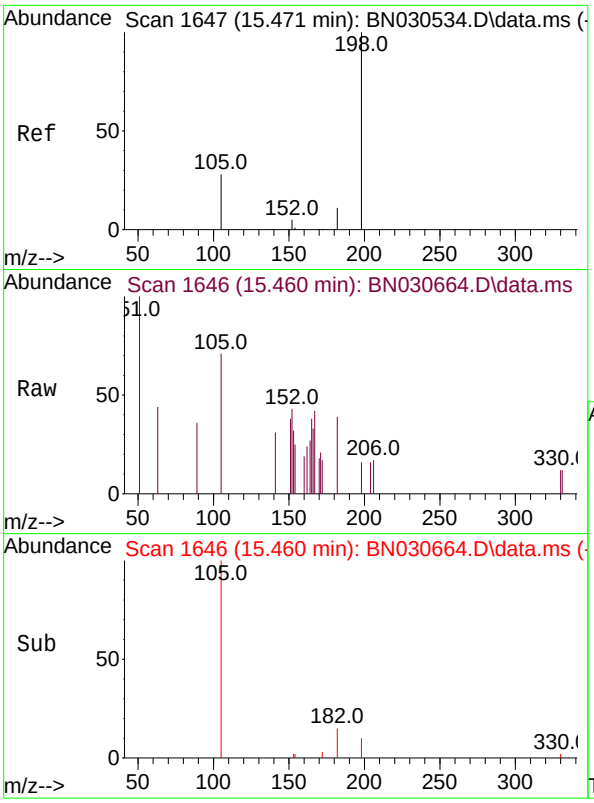


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.078 min Scan# 1777
Delta R.T. -0.012 min
Lab File: BN030664.D
Acq: 04 Apr 2024 17:04

Tgt Ion:188 Resp: 31114

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.3	7.4	11.0#



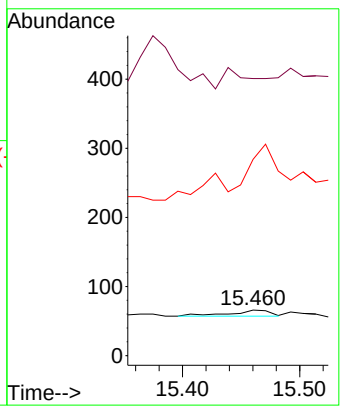


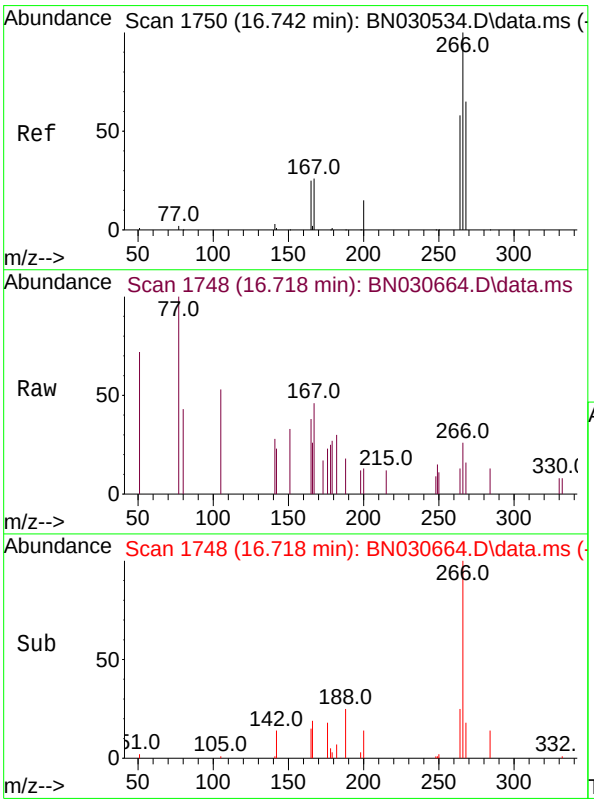
#20
4,6-Dinitro-2-methylphenol
Concen: 0.176 ng
RT: 15.460 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN030664.D
Acq: 04 Apr 2024 17:04

Instrument :
BNA_N
ClientSampleId :
RSB-02-17-040224

Tgt Ion:198 Resp: 21

Ion	Ratio	Lower	Upper
198	100		
51	607.6	57.8	86.6#
105	430.3	37.5	56.3#

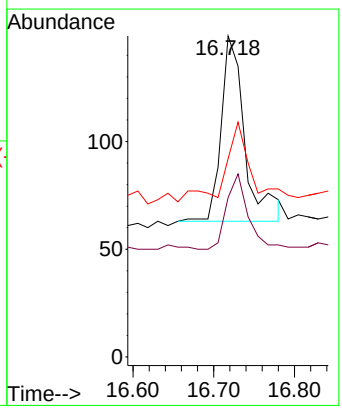


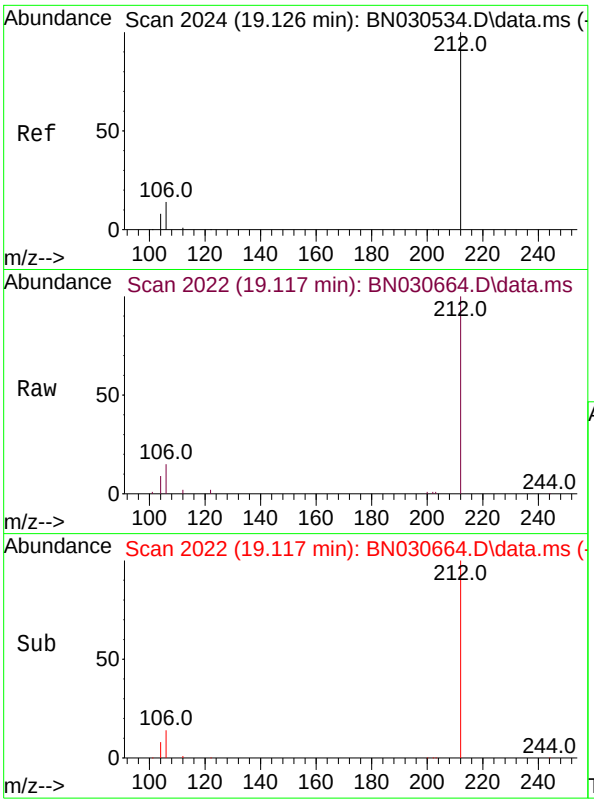


#24
Pentachlorophenol
Concen: 0.191 ng
RT: 16.718 min Scan# 1748
Delta R.T. -0.024 min
Lab File: BN030664.D
Acq: 04 Apr 2024 17:04

Tgt Ion:266 Resp: 175

Ion	Ratio	Lower	Upper
266	100		
264	36.0	48.7	73.1#
268	42.9	49.5	74.3#



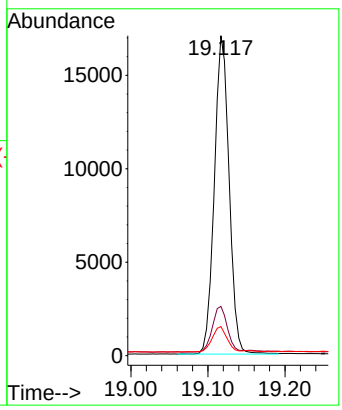


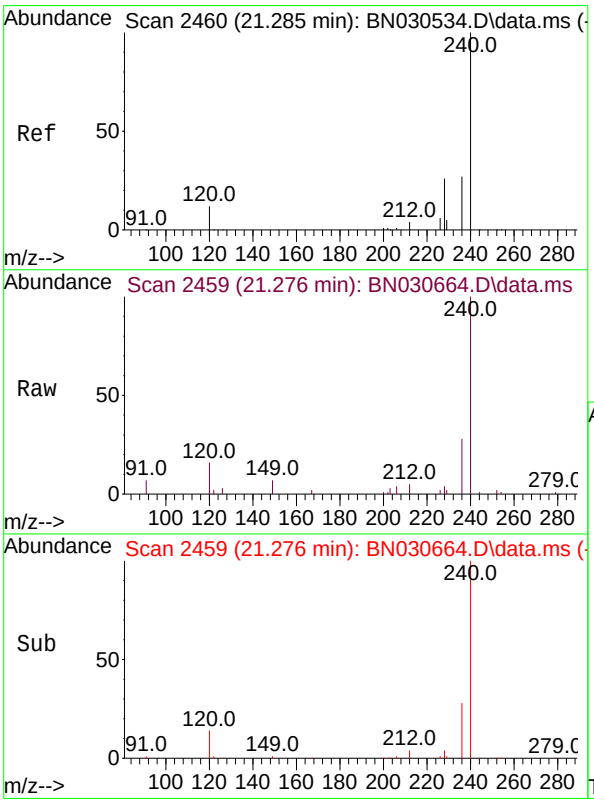
#27
Fluoranthene-d10
Concen: 0.270 ng
RT: 19.117 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN030664.D
Acq: 04 Apr 2024 17:04

Instrument :
BNA_N
ClientSampleId :
RSB-02-17-040224

Tgt Ion:212 Resp: 22629

Ion	Ratio	Lower	Upper
212	100		
106	14.5	11.8	17.6
104	8.1	6.6	9.8

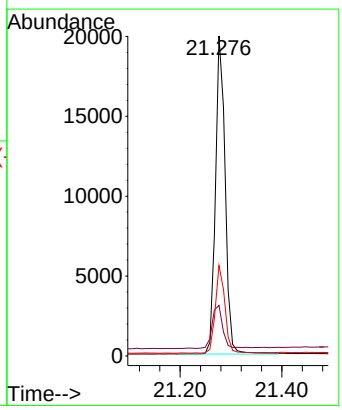


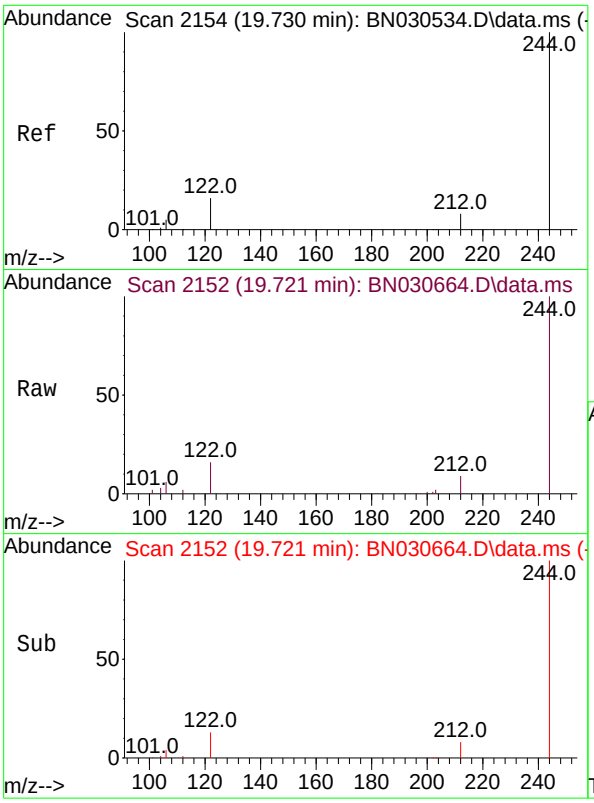


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.276 min Scan# 2459
Delta R.T. -0.009 min
Lab File: BN030664.D
Acq: 04 Apr 2024 17:04

Tgt Ion:240 Resp: 26367

Ion	Ratio	Lower	Upper
240	100		
120	15.8	10.6	15.8
236	28.3	22.1	33.1



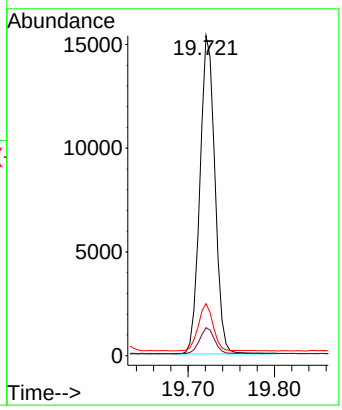


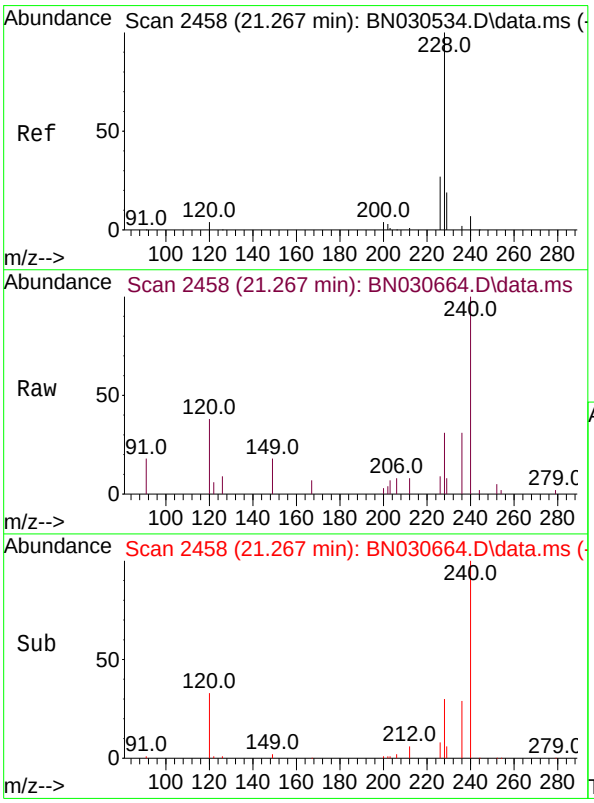
#31
Terphenyl-d14
Concen: 0.304 ng
RT: 19.721 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN030664.D
Acq: 04 Apr 2024 17:04

Instrument :
BNA_N
ClientSampleId :
RSB-02-17-040224

Tgt Ion:244 Resp: 18534

Ion	Ratio	Lower	Upper
244	100		
212	8.8	6.9	10.3
122	16.3	12.7	19.1

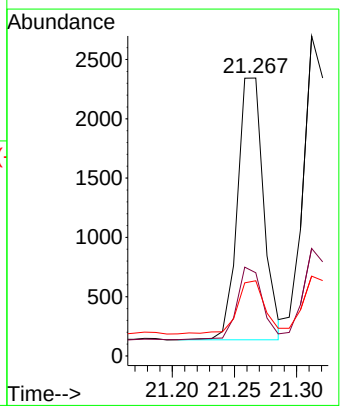


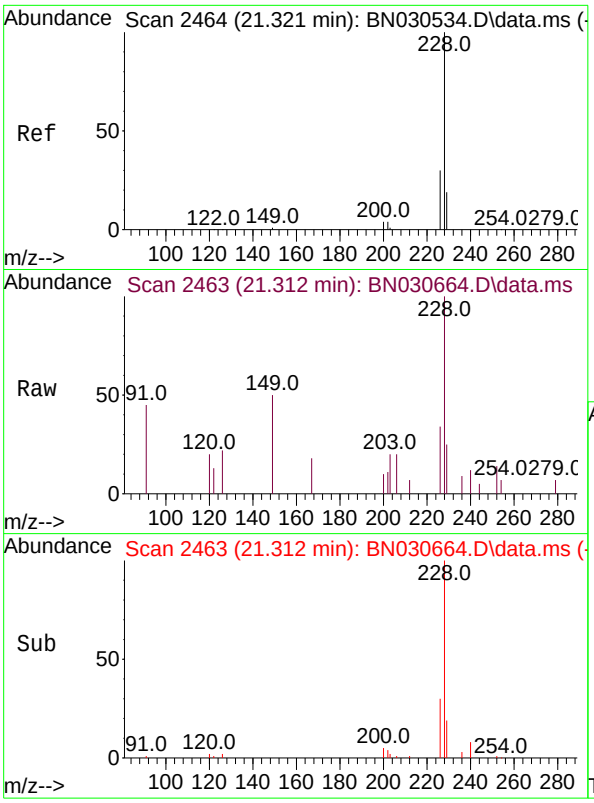


#32
Benzo(a)anthracene
Concen: 0.035 ng
RT: 21.267 min Scan# 2458
Delta R.T. 0.000 min
Lab File: BN030664.D
Acq: 04 Apr 2024 17:04

Tgt Ion:228 Resp: 3232

Ion	Ratio	Lower	Upper
228	100		
226	29.9	21.8	32.8
229	27.0	15.4	23.2#



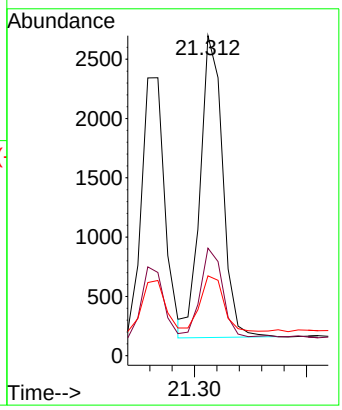


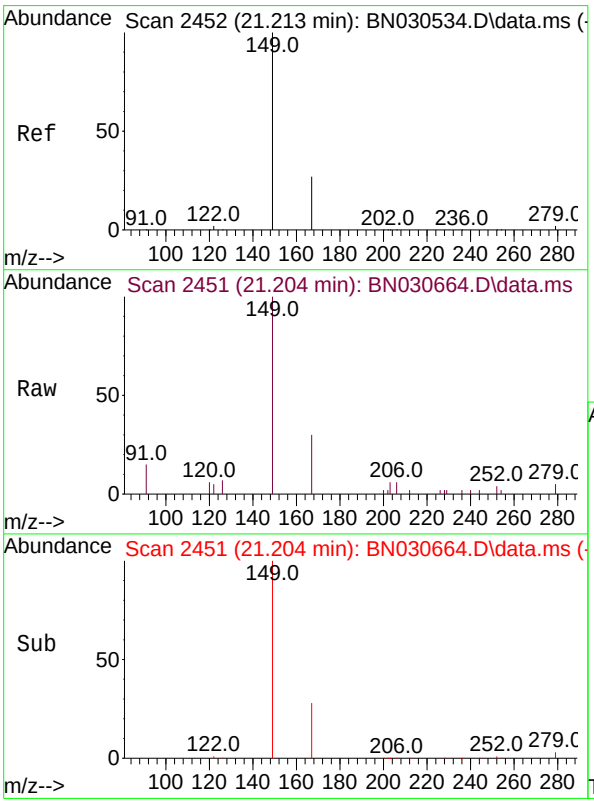
#33
Chrysene
Concen: 0.035 ng
RT: 21.312 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN030664.D
Acq: 04 Apr 2024 17:04

Instrument :
BNA_N
ClientSampleId :
RSB-02-17-040224

Tgt Ion:228 Resp: 3528

Ion	Ratio	Lower	Upper
228	100		
226	33.6	24.3	36.5
229	24.9	15.8	23.6#

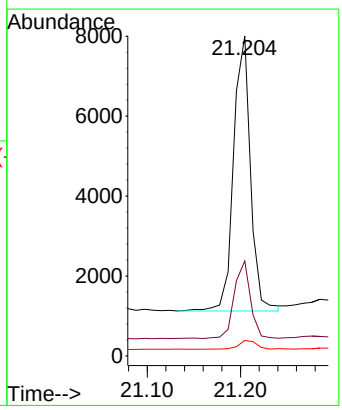


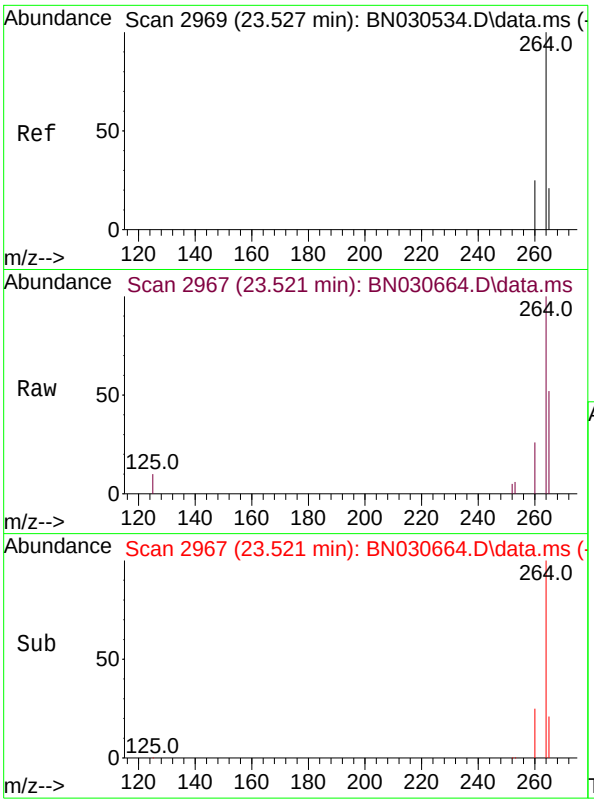


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.215 ng
RT: 21.204 min Scan# 2451
Delta R.T. -0.009 min
Lab File: BN030664.D
Acq: 04 Apr 2024 17:04

Tgt Ion:149 Resp: 8720

Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.4	32.0
279	3.6	2.3	3.5#



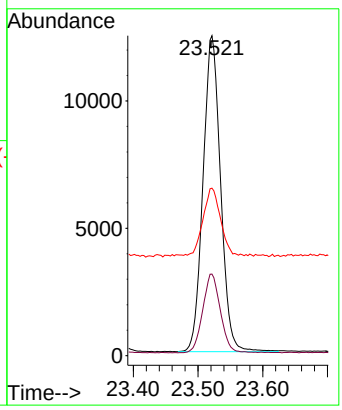


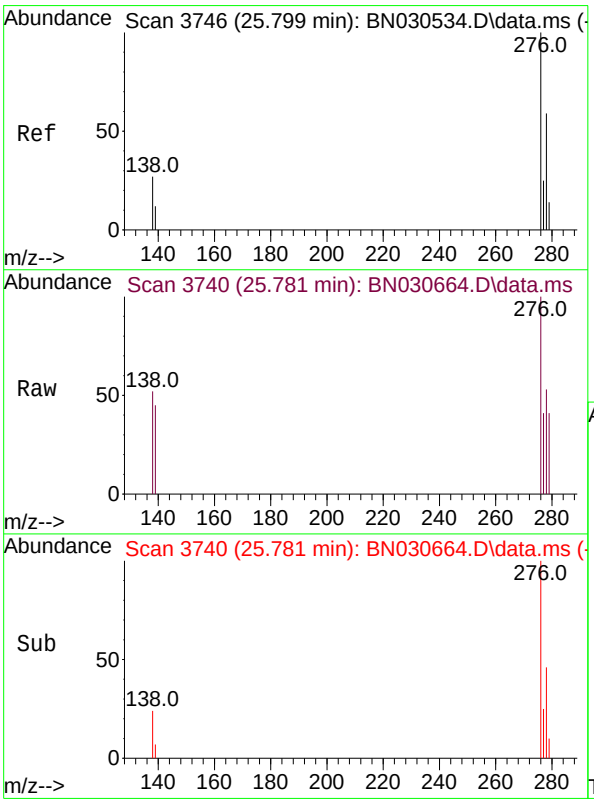
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.521 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN030664.D
Acq: 04 Apr 2024 17:04

Instrument :
BNA_N
ClientSampleId :
RSB-02-17-040224

Tgt Ion:264 Resp: 23386

Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.6	30.8
265	52.4	41.8	62.8

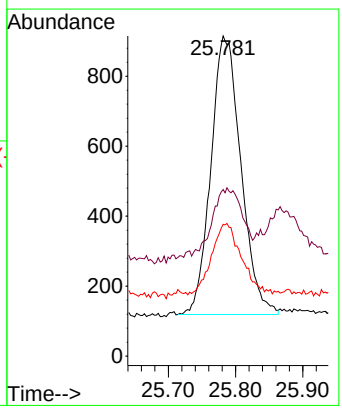


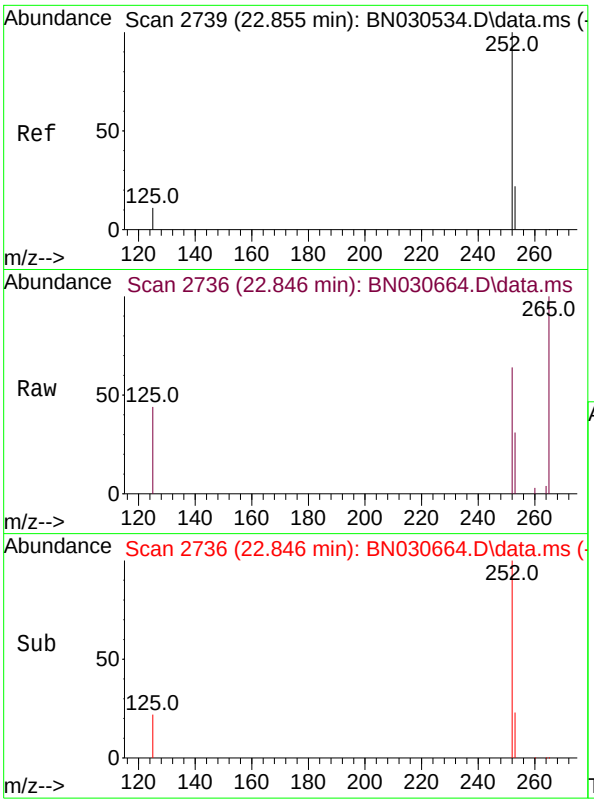


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.024 ng
RT: 25.781 min Scan# 3740
Delta R.T. -0.018 min
Lab File: BN030664.D
Acq: 04 Apr 2024 17:04

Tgt Ion:276 Resp: 2468

Ion	Ratio	Lower	Upper
276	100		
138	24.0	23.0	34.4
277	25.5	20.1	30.1



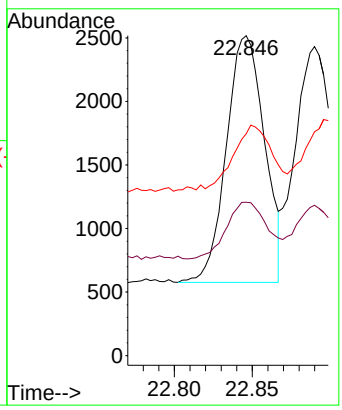


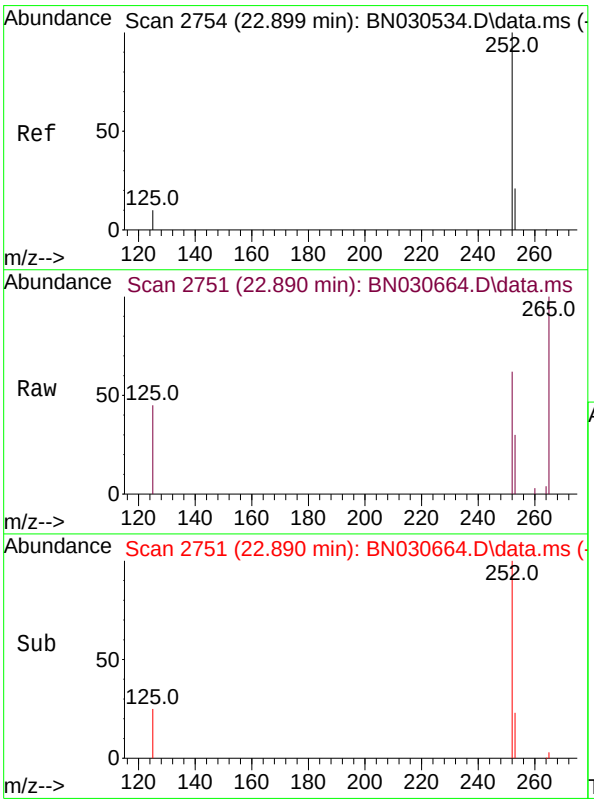
#37
Benzo(b)fluoranthene
Concen: 0.035 ng
RT: 22.846 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN030664.D
Acq: 04 Apr 2024 17:04

Instrument :
BNA_N
ClientSampleId :
RSB-02-17-040224

Tgt Ion:252 Resp: 3302

Ion	Ratio	Lower	Upper
252	100		
253	48.0	19.2	28.8#
125	69.3	11.7	17.5#

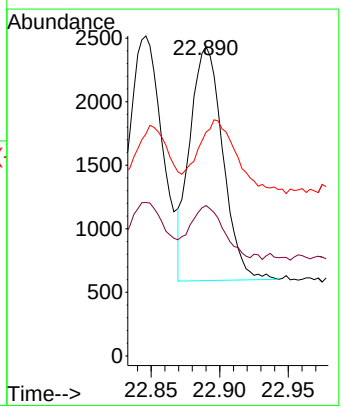


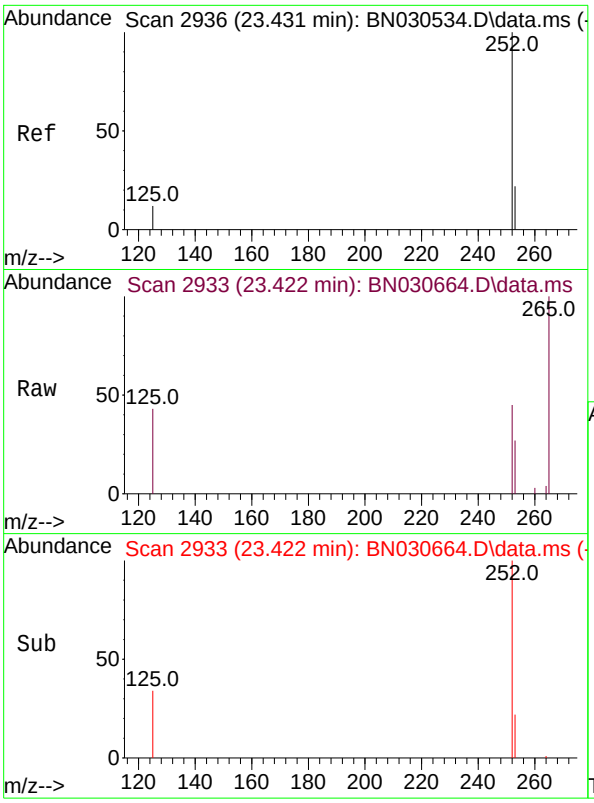


#38
Benzo(k)fluoranthene
Concen: 0.032 ng
RT: 22.890 min Scan# 2751
Delta R.T. -0.009 min
Lab File: BN030664.D
Acq: 04 Apr 2024 17:04

Tgt Ion:252 Resp: 3078

Ion	Ratio	Lower	Upper
252	100		
253	48.7	18.9	28.3#
125	72.4	11.5	17.3#



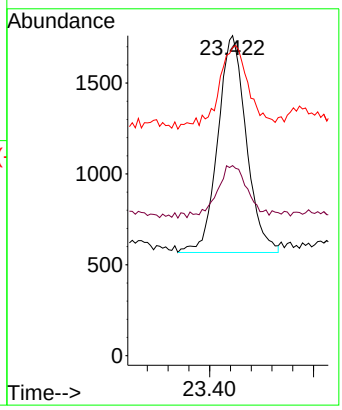


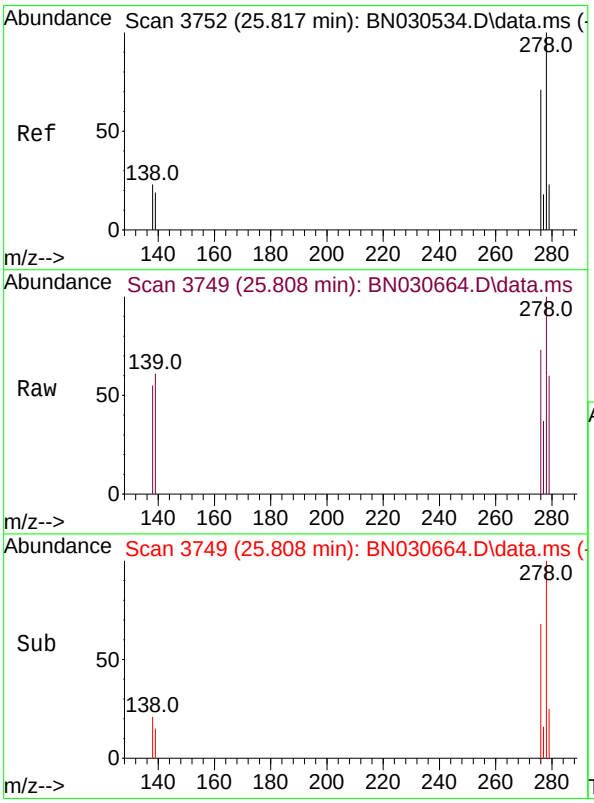
#39
Benzo(a)pyrene
Concen: 0.030 ng
RT: 23.422 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN030664.D
Acq: 04 Apr 2024 17:04

Instrument :
BNA_N
ClientSampleId :
RSB-02-17-040224

Tgt Ion:252 Resp: 2270

Ion	Ratio	Lower	Upper
252	100		
253	59.4	20.0	30.0#
125	96.3	14.3	21.5#

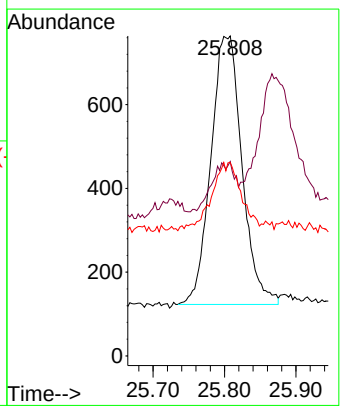


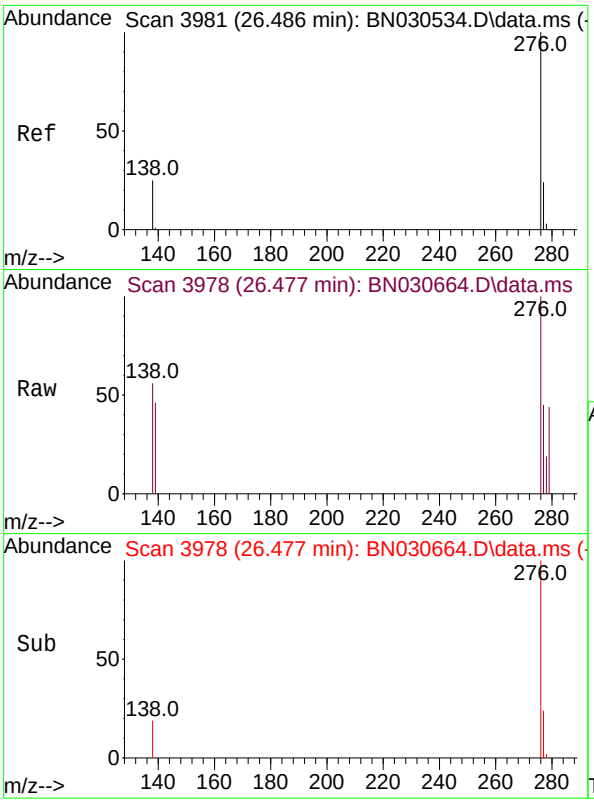


#40
Dibenzo(a,h)anthracene
Concen: 0.024 ng
RT: 25.808 min Scan# 3749
Delta R.T. -0.009 min
Lab File: BN030664.D
Acq: 04 Apr 2024 17:04

Tgt Ion:278 Resp: 1939

Ion	Ratio	Lower	Upper
278	100		
139	60.7	16.2	24.2#
279	60.5	20.6	30.8#





#41
Benzo(g,h,i)perylene
Concen: 0.021 ng
RT: 26.477 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN030664.D
Acq: 04 Apr 2024 17:04

Instrument :
BNA_N
ClientSampleId :
RSB-02-17-040224

Tgt Ion:276 Resp: 1860

Ion	Ratio	Lower	Upper
276	100		
277	45.1	19.8	29.6#
138	56.2	20.6	31.0#