Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051024\
Data File : BN031471.D
Acq On : 10 May 2024 21:12
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: May 11 00:27:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 02:12:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.711	152	13269	0.400	ng	0.00
7) Naphthalene-d8	10.496	136	41849	0.400	ng	# 0.00
13) Acenaphthene-d10	14.338	164	24157	0.400	ng	-0.01
19) Phenanthrene-d10	17.090	188	52565	0.400	ng	# 0.00
29) Chrysene-d12	21.273	240	43739	0.400	ng	# 0.00
35) Perylene-d12	23.510	264	45160	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.299	112	11769	0.312	ng	0.00
5) Phenol-d6	6.866	99	16161	0.318	ng	0.00
8) Nitrobenzene-d5	8.851	82	11350	0.378	ng	-0.01
11) 2-Methylnaphthalene-d10	12.088	152	23043	0.342	ng	0.00
14) 2,4,6-Tribromophenol	15.824	330	2610	0.285	ng	-0.01
15) 2-Fluorobiphenyl	12.970	172	34892	0.375	ng	-0.01
27) Fluoranthene-d10	19.114	212	47991	0.329	ng	0.00
31) Terphenyl-d14	19.723	244	35296	0.330	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.248	88	5646	0.346	ng	# 87
3) n-Nitrosodimethylamine	3.551	42	5762	0.357	ng	# 94
6) bis(2-Chloroethyl)ether	7.140	93	15696	0.355	ng	98
9) Naphthalene	10.538	128	42021	0.361	ng	97
10) Hexachlorobutadiene	10.827	225	7449	0.365	ng	# 100
12) 2-Methylnaphthalene	12.160	142	27713	0.349	ng	99
16) Acenaphthylene	14.060	152	41120	0.338	ng	100
17) Acenaphthene	14.402	154	26866	0.354	ng	98
18) Fluorene	15.397	166	33908	0.342	ng	100
20) 4,6-Dinitro-2-methylph...	15.461	198	1513	0.352	ng	# 51
21) 4-Bromophenyl-phenylether	16.284	248	11147	0.362	ng	# 84
22) Hexachlorobenzene	16.383	284	12139	0.391	ng	98
23) Atrazine	16.557	200	7813	0.280	ng	93
24) Pentachlorophenol	16.731	266	3231	0.295	ng	98
25) Phenanthrene	17.128	178	54098	0.368	ng	100
26) Anthracene	17.215	178	48228	0.331	ng	99
28) Fluoranthene	19.147	202	61900	0.346	ng	100
30) Pyrene	19.509	202	63272	0.357	ng	100
32) Benzo(a)anthracene	21.256	228	55041	0.326	ng	99
33) Chrysene	21.309	228	55773	0.347	ng	99
34) Bis(2-ethylhexyl)phtha...	21.211	149	19246	0.195	ng	98
36) Indeno(1,2,3-cd)pyrene	25.782	276	52255	0.290	ng	100
37) Benzo(b)fluoranthene	22.838	252	53570	0.331	ng	99
38) Benzo(k)fluoranthene	22.882	252	56059	0.365	ng	100
39) Benzo(a)pyrene	23.414	252	46700	0.331	ng	99
40) Dibenzo(a,h)anthracene	25.802	278	42631	0.299	ng	99
41) Benzo(g,h,i)perylene	26.469	276	42793	0.279	ng	99

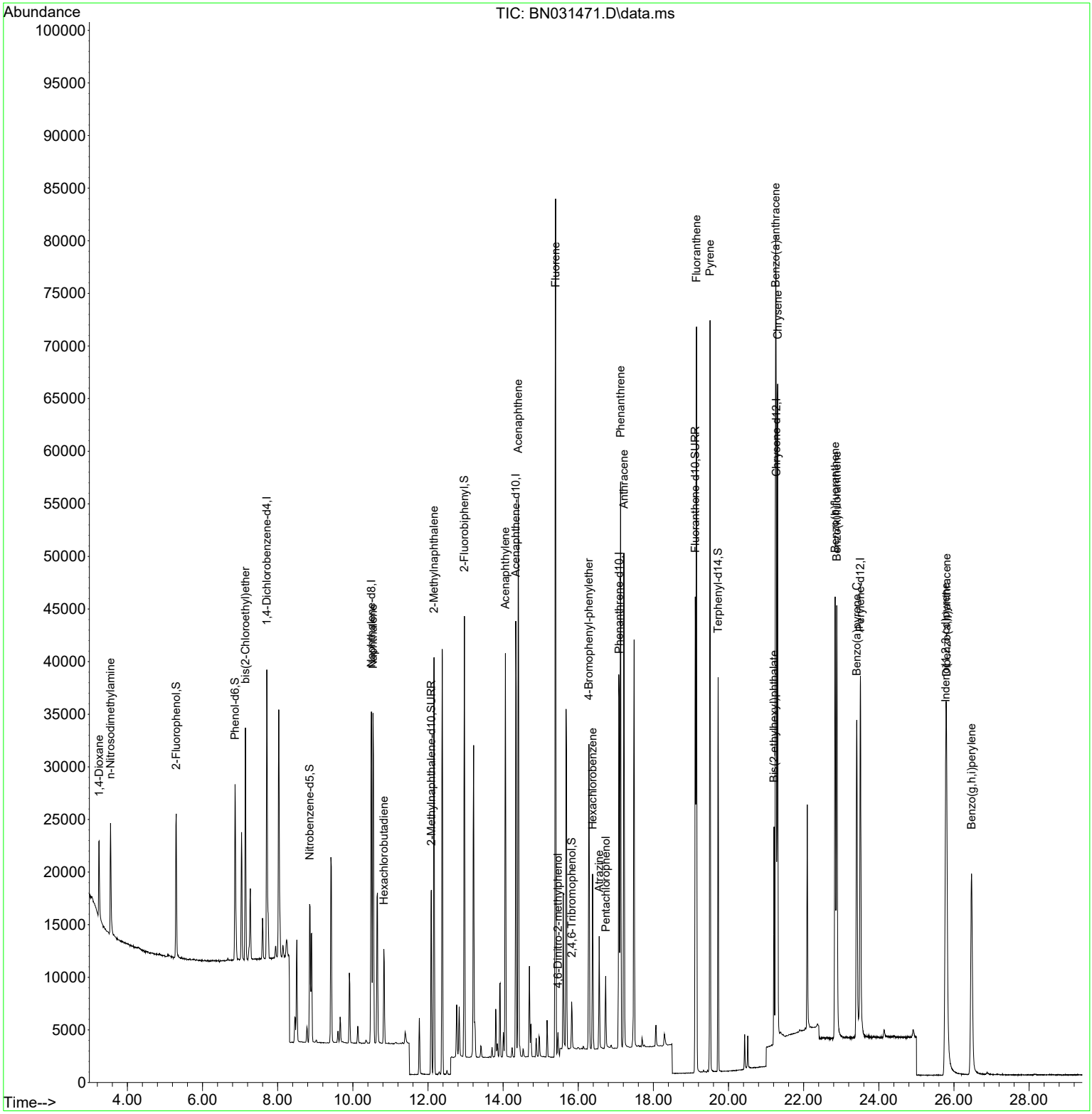
(#) = qualifier out of range (m) = manual integration (+) = signals summed

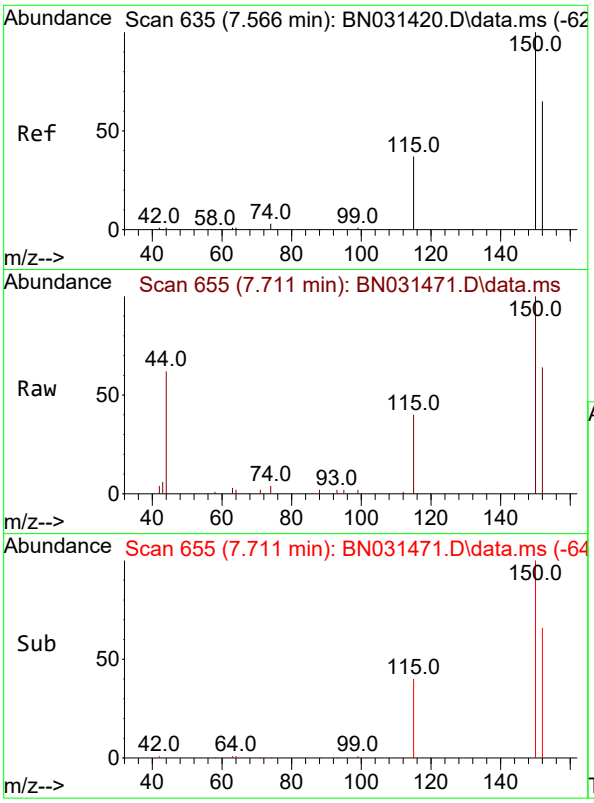
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051024\
Data File : BN031471.D
Acq On : 10 May 2024 21:12
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: May 11 00:27:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 02:12:24 2024
Response via : Initial Calibration



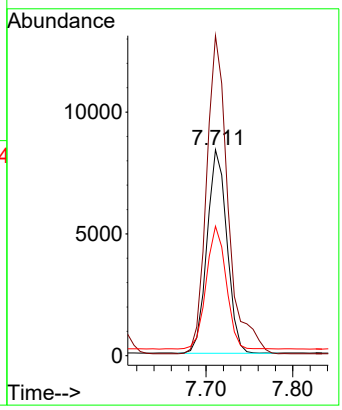


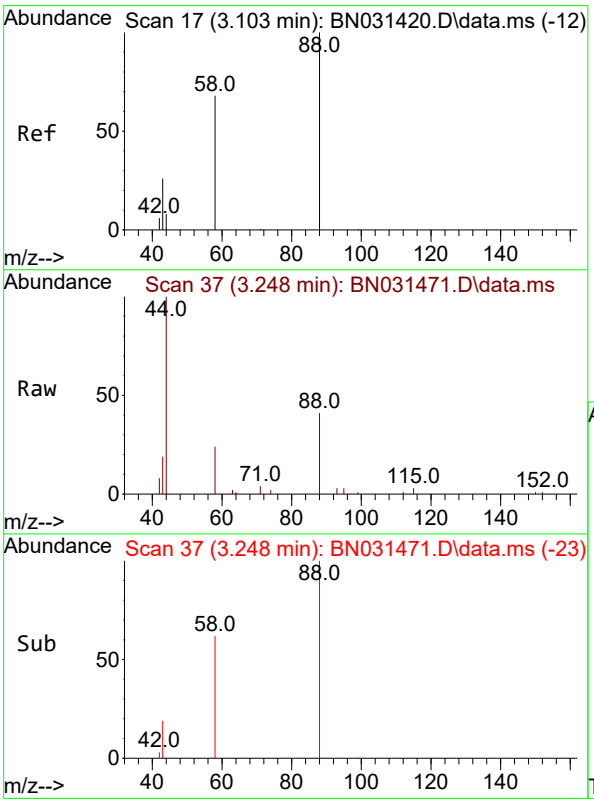
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.711 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN031471.D
Acq: 10 May 2024 21:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 13269

Ion	Ratio	Lower	Upper
152	100		
150	155.4	119.3	178.9
115	62.9	54.8	82.2

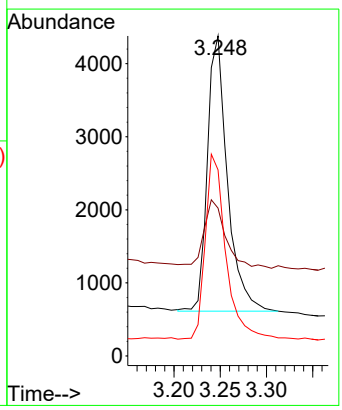


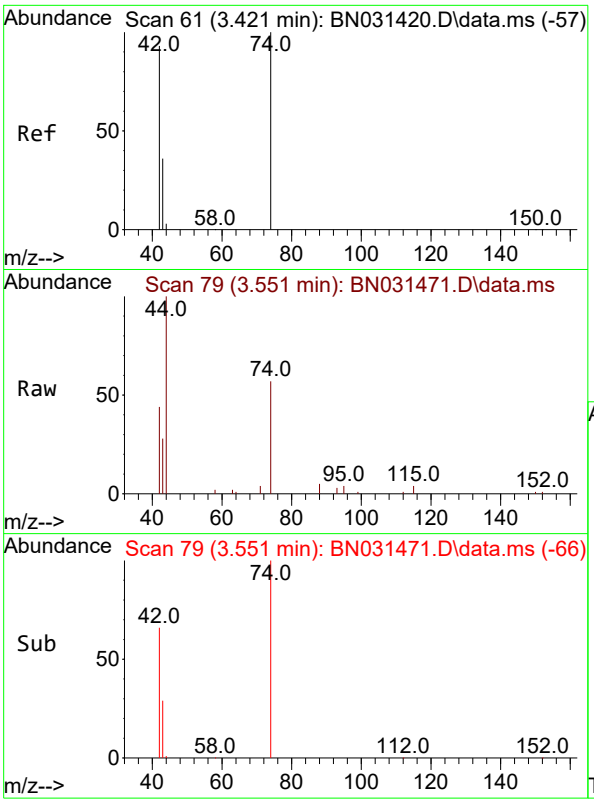


#2
1,4-Dioxane
Concen: 0.346 ng
RT: 3.248 min Scan# 37
Delta R.T. -0.000 min
Lab File: BN031471.D
Acq: 10 May 2024 21:12

Tgt Ion: 88 Resp: 5646

Ion	Ratio	Lower	Upper
88	100		
43	27.2	39.0	58.6#
58	68.9	54.9	82.3



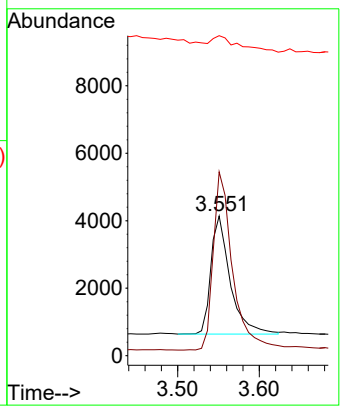


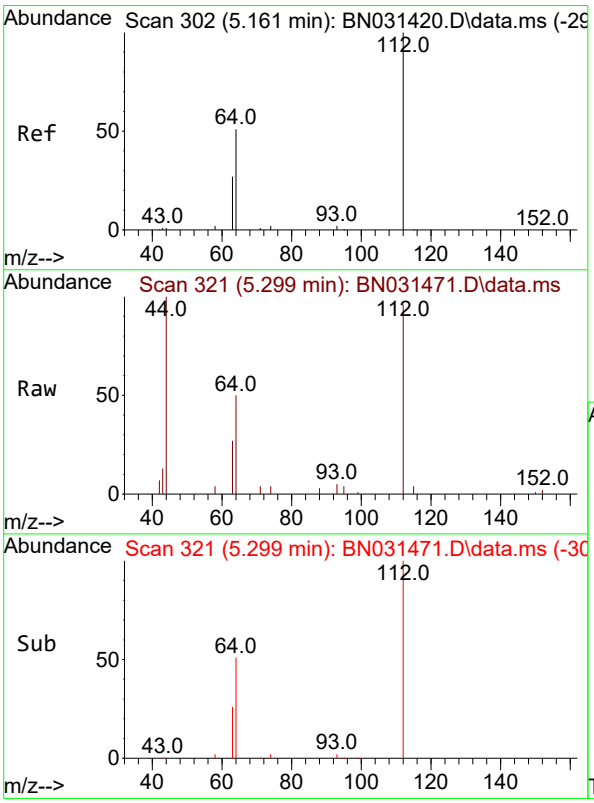
#3
n-Nitrosodimethylamine
Concen: 0.357 ng
RT: 3.551 min Scan# 7
Delta R.T. -0.008 min
Lab File: BN031471.D
Acq: 10 May 2024 21:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 5762

Ion	Ratio	Lower	Upper
42	100		
74	151.4	126.4	189.6
44	18.9	6.9	10.3#

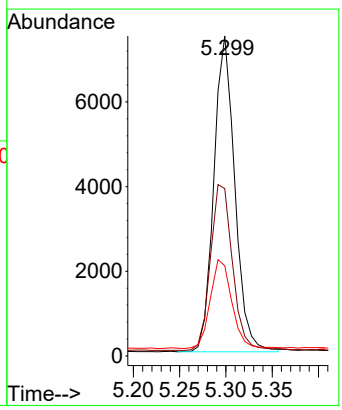


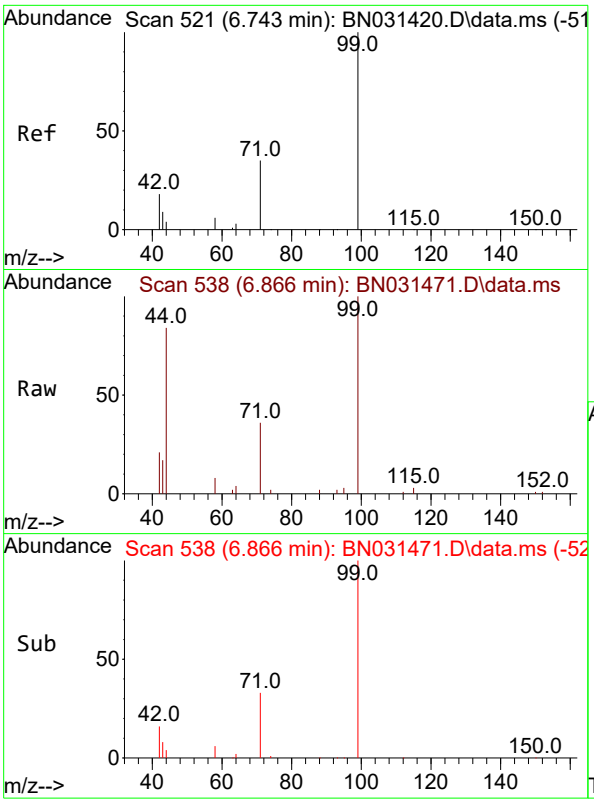


#4
2-Fluorophenol
Concen: 0.312 ng
RT: 5.299 min Scan# 321
Delta R.T. -0.000 min
Lab File: BN031471.D
Acq: 10 May 2024 21:12

Tgt Ion:112 Resp: 11769

Ion	Ratio	Lower	Upper
112	100		
64	55.3	44.0	66.0
63	29.0	22.2	33.4



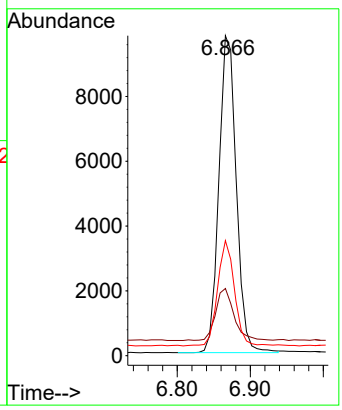


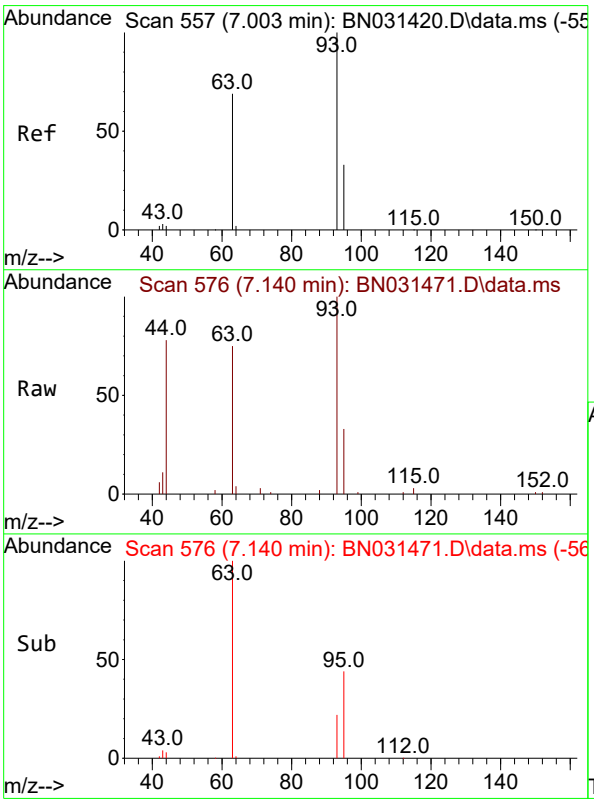
#5
Phenol-d6
Concen: 0.318 ng
RT: 6.866 min Scan# 5
Delta R.T. -0.008 min
Lab File: BN031471.D
Acq: 10 May 2024 21:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 16161

Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.5	20.3
71	32.2	26.1	39.1

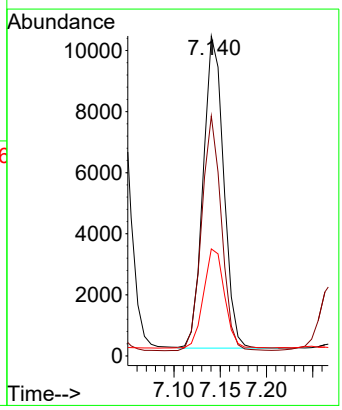


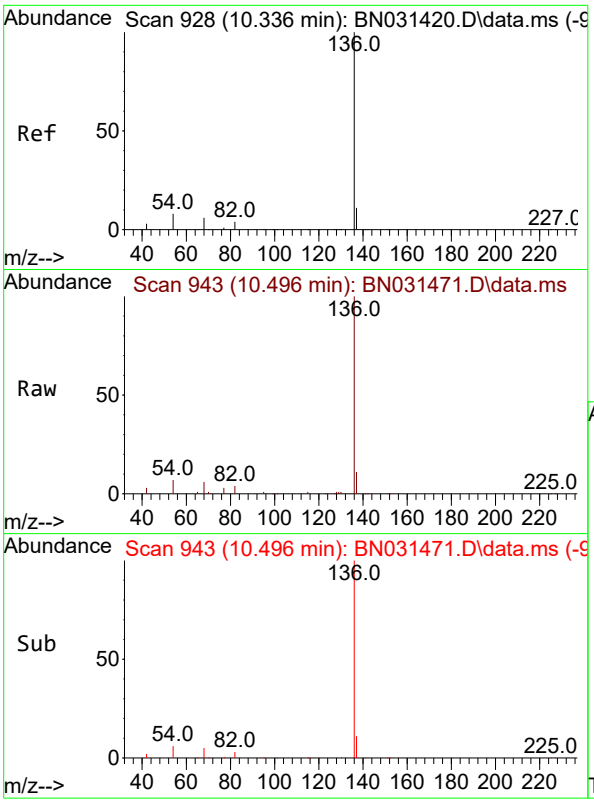


#6
bis(2-Chloroethyl)ether
Concen: 0.355 ng
RT: 7.140 min Scan# 576
Delta R.T. -0.008 min
Lab File: BN031471.D
Acq: 10 May 2024 21:12

Tgt Ion: 93 Resp: 15696

Ion	Ratio	Lower	Upper
93	100		
63	72.9	56.6	85.0
95	32.7	27.3	40.9



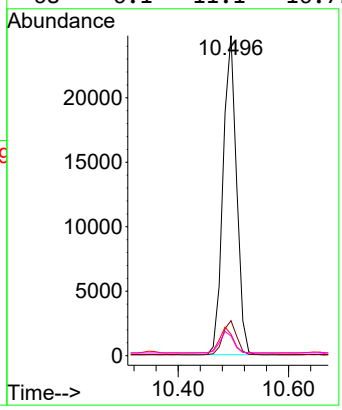


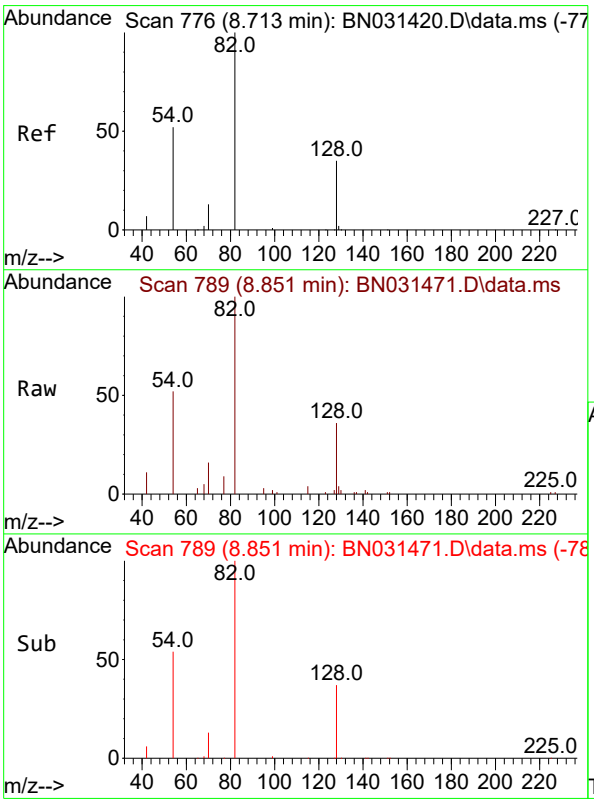
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.496 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN031471.D
Acq: 10 May 2024 21:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 41849

Ion	Ratio	Lower	Upper
136	100		
137	11.0	10.1	15.1
54	6.7	10.5	15.7#
68	6.1	11.1	16.7#

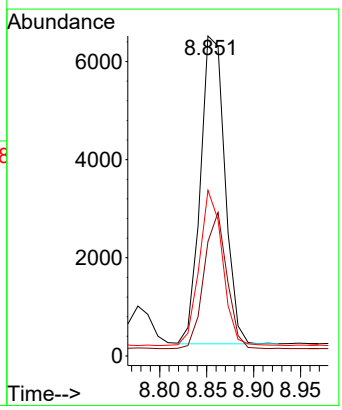


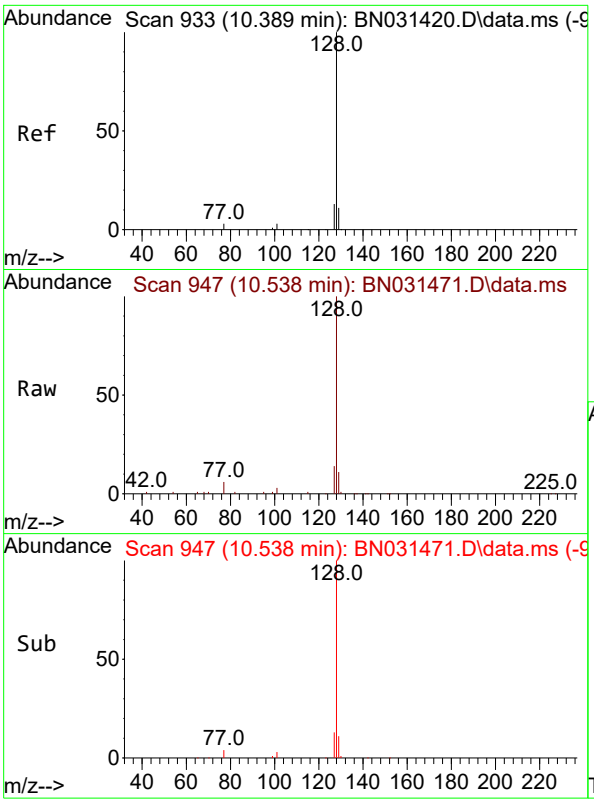


#8
Nitrobenzene-d5
Concen: 0.378 ng
RT: 8.851 min Scan# 789
Delta R.T. -0.011 min
Lab File: BN031471.D
Acq: 10 May 2024 21:12

Tgt Ion: 82 Resp: 11350

Ion	Ratio	Lower	Upper
82	100		
128	35.7	29.0	43.6
54	51.7	37.2	55.8



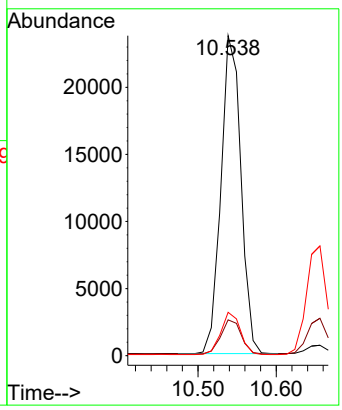


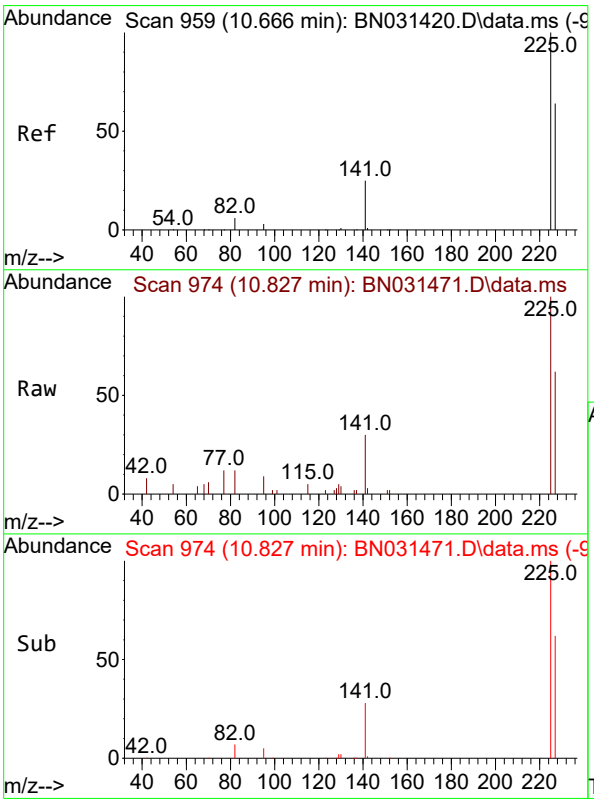
#9
Naphthalene
Concen: 0.361 ng
RT: 10.538 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN031471.D
Acq: 10 May 2024 21:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 42021

Ion	Ratio	Lower	Upper
128	100		
129	11.2	10.2	15.4
127	13.5	11.7	17.5

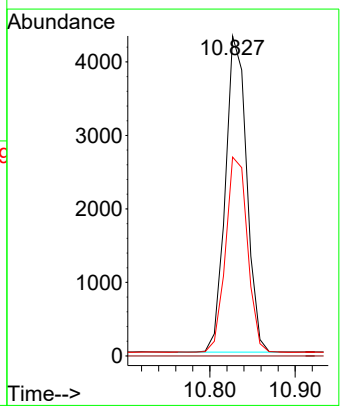


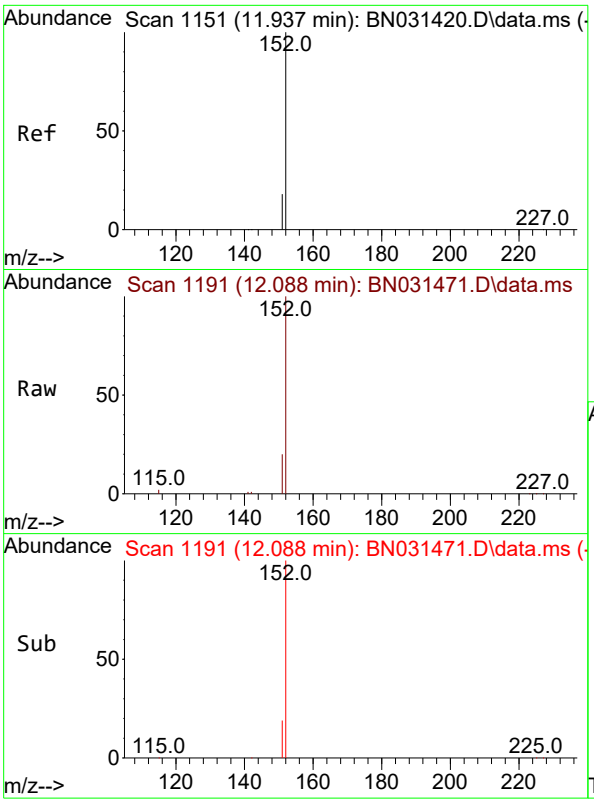


#10
Hexachlorobutadiene
Concen: 0.365 ng
RT: 10.827 min Scan# 974
Delta R.T. -0.011 min
Lab File: BN031471.D
Acq: 10 May 2024 21:12

Tgt Ion:225 Resp: 7449

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.6	50.7	76.1



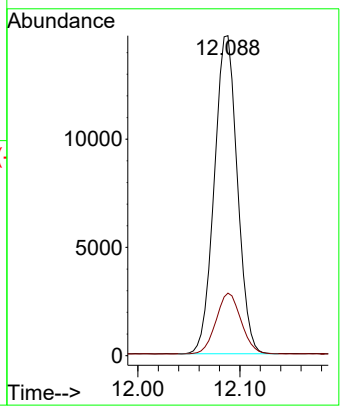


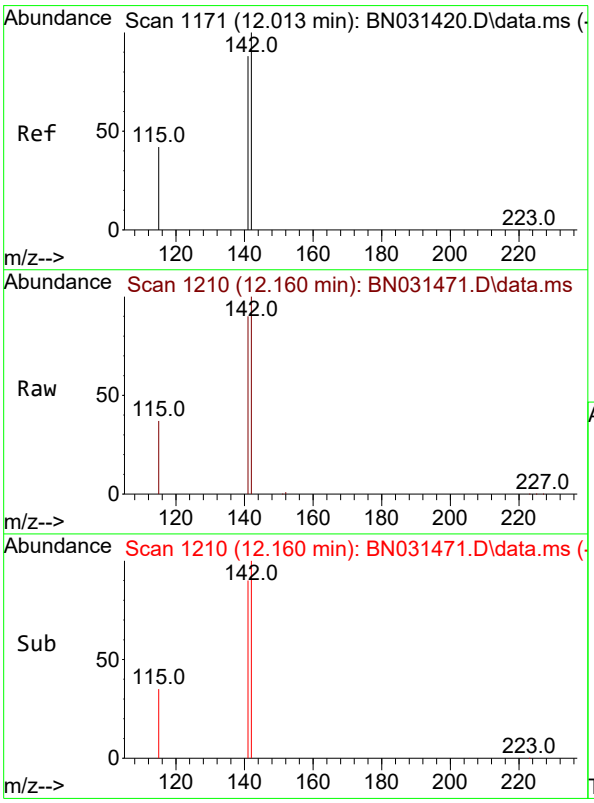
#11
2-Methylnaphthalene-d10
Concen: 0.342 ng
RT: 12.088 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN031471.D
Acq: 10 May 2024 21:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 23043

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.6	25.0

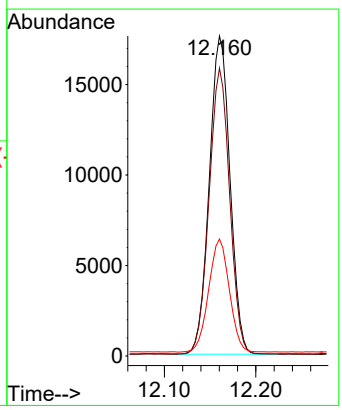


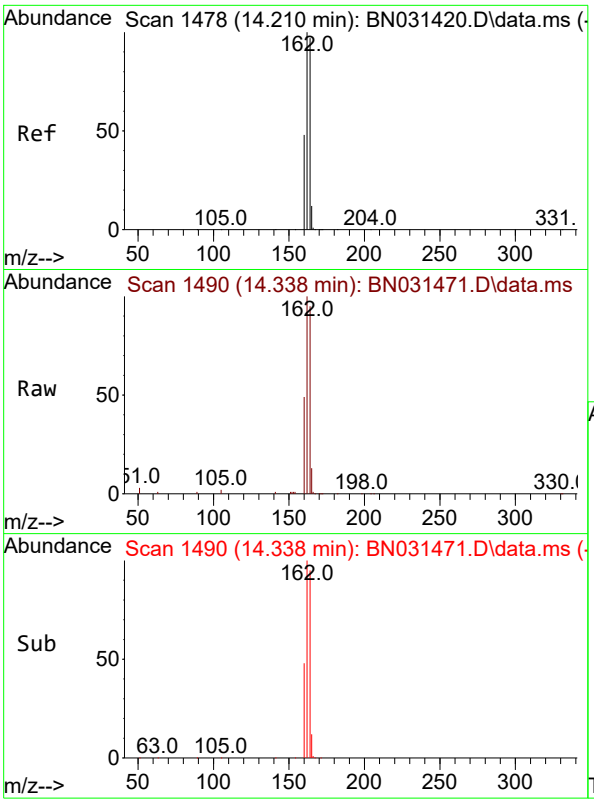


#12
2-Methylnaphthalene
Concen: 0.349 ng
RT: 12.160 min Scan# 1210
Delta R.T. -0.008 min
Lab File: BN031471.D
Acq: 10 May 2024 21:12

Tgt Ion:142 Resp: 27713

Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.0	106.6
115	36.5	30.2	45.2



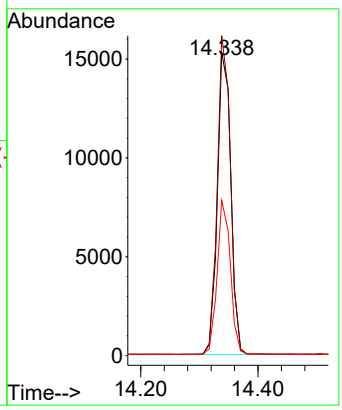


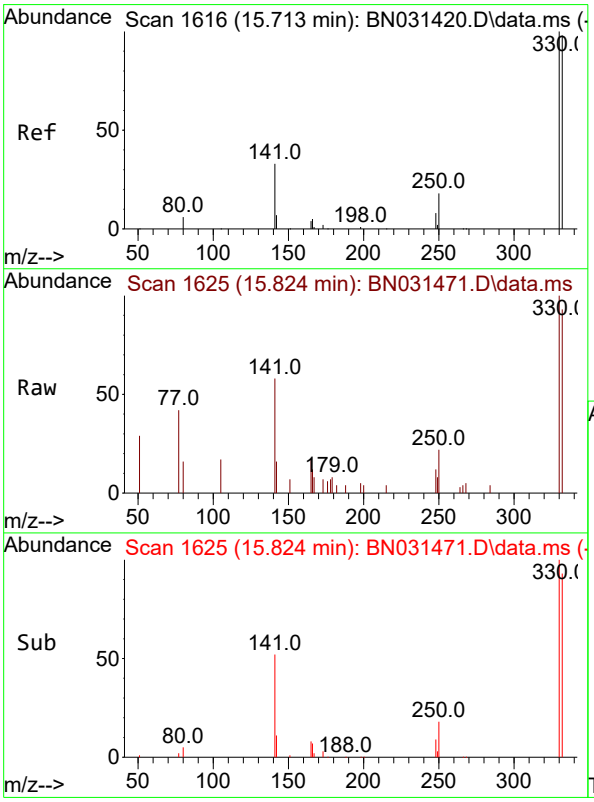
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.338 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN031471.D
Acq: 10 May 2024 21:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 24157

Ion	Ratio	Lower	Upper
164	100		
162	105.4	81.2	121.8
160	51.2	37.0	55.6

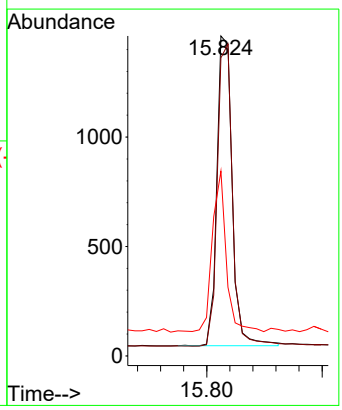


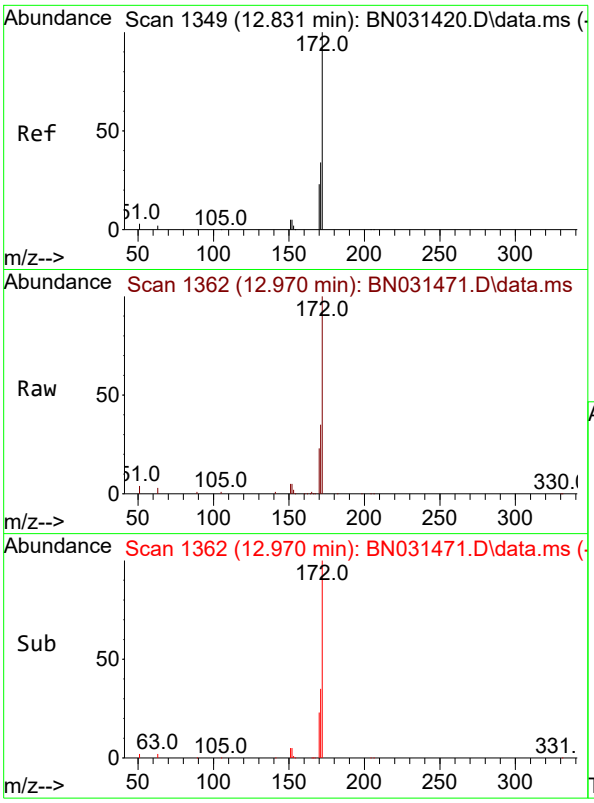


#14
2,4,6-Tribromophenol
Concen: 0.285 ng
RT: 15.824 min Scan# 1625
Delta R.T. -0.013 min
Lab File: BN031471.D
Acq: 10 May 2024 21:12

Tgt Ion:330 Resp: 2610

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	114.8
141	46.5	37.0	55.4



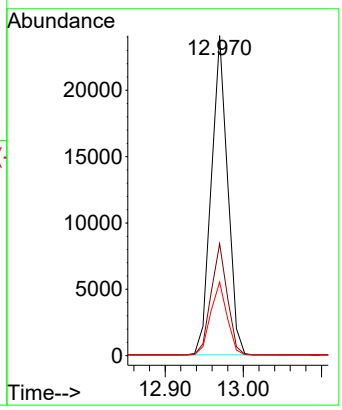


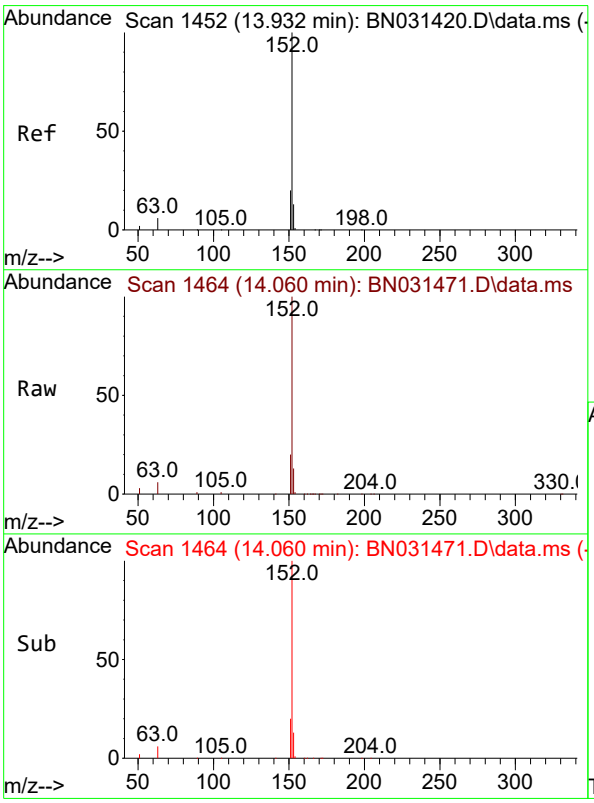
#15
2-Fluorobiphenyl
Concen: 0.375 ng
RT: 12.970 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN031471.D
Acq: 10 May 2024 21:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 34892

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.8	41.8
170	23.0	18.3	27.5

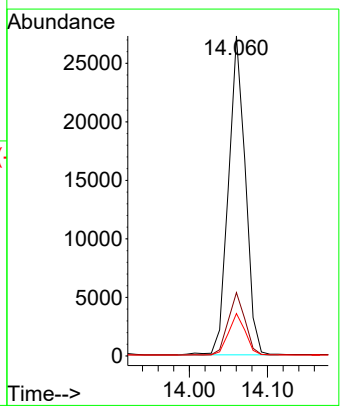


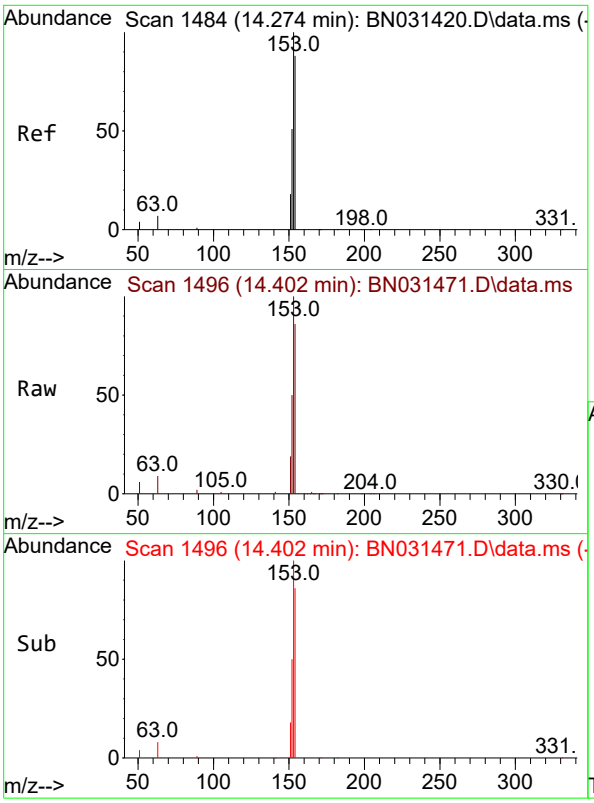


#16
Acenaphthylene
Concen: 0.338 ng
RT: 14.060 min Scan# 1464
Delta R.T. -0.011 min
Lab File: BN031471.D
Acq: 10 May 2024 21:12

Tgt Ion:152 Resp: 41120

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	12.8	10.5	15.7



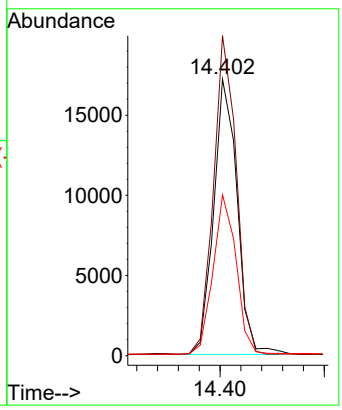


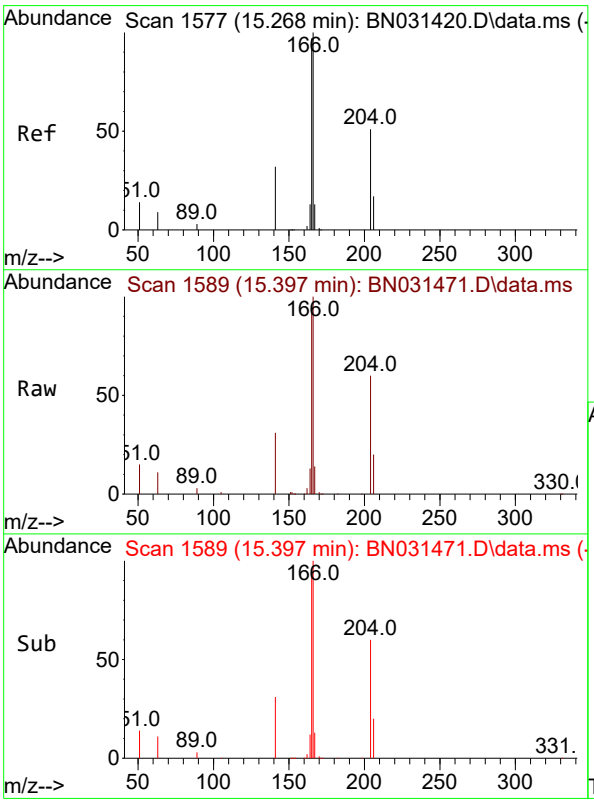
#17
Acenaphthene
Concen: 0.354 ng
RT: 14.402 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN031471.D
Acq: 10 May 2024 21:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 26866

Ion	Ratio	Lower	Upper
154	100		
153	112.1	89.1	133.7
152	56.8	42.6	64.0

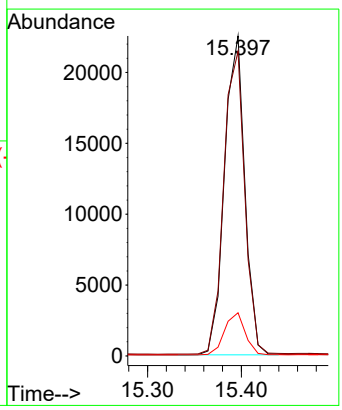


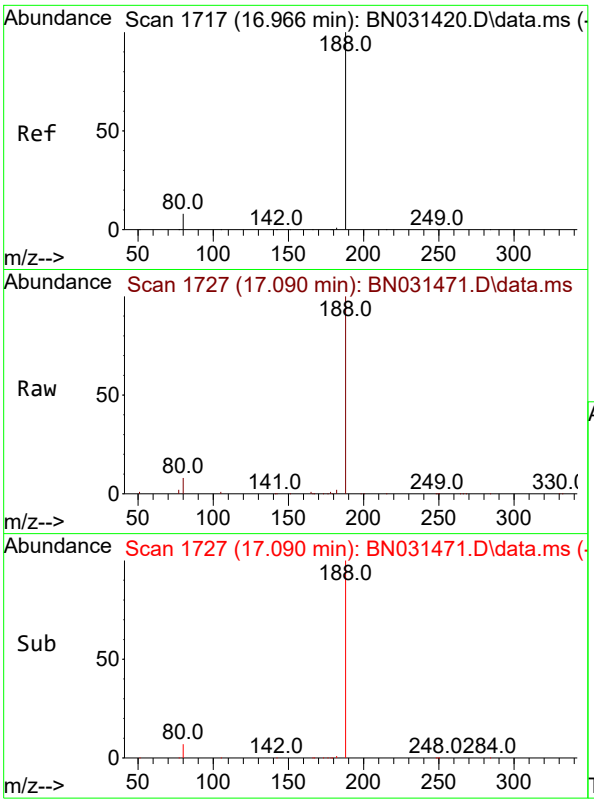


#18
Fluorene
Concen: 0.342 ng
RT: 15.397 min Scan# 1589
Delta R.T. -0.000 min
Lab File: BN031471.D
Acq: 10 May 2024 21:12

Tgt Ion:166 Resp: 33908

Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.2	117.2
167	13.4	10.8	16.2



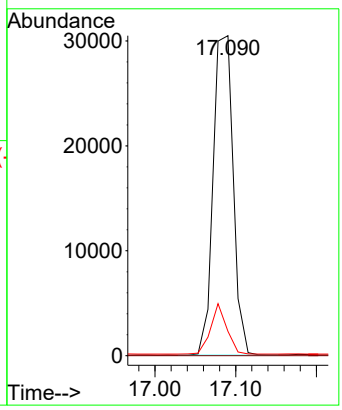


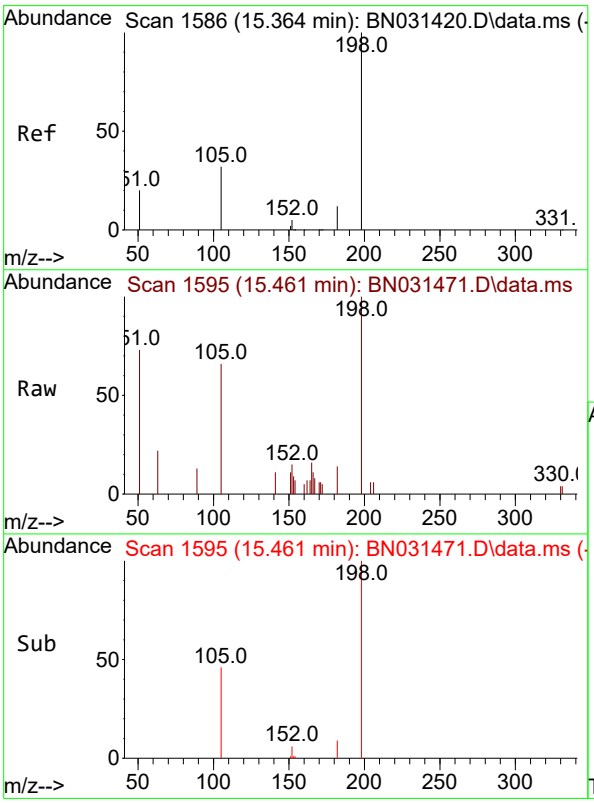
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.090 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN031471.D
Acq: 10 May 2024 21:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 52565

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.6	9.6	14.4#

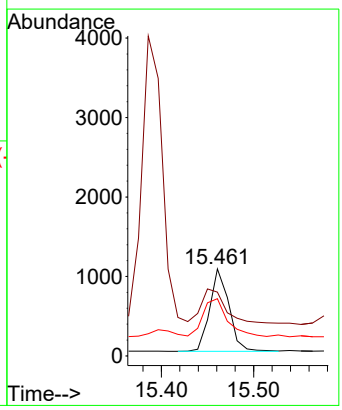


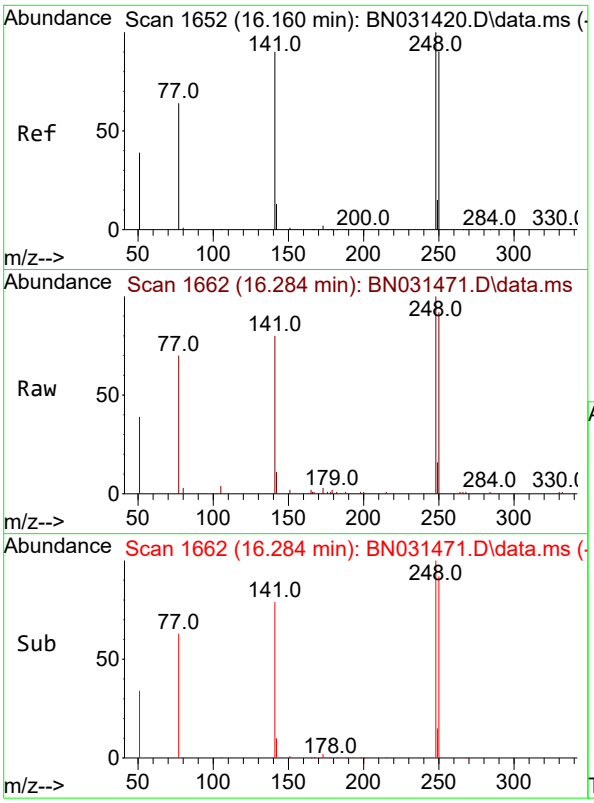


#20
4,6-Dinitro-2-methylphenol
Concen: 0.352 ng
RT: 15.461 min Scan# 1595
Delta R.T. -0.011 min
Lab File: BN031471.D
Acq: 10 May 2024 21:12

Tgt Ion:198 Resp: 1513

Ion	Ratio	Lower	Upper
198	100		
51	73.4	78.3	117.5#
105	65.8	117.2	175.8#



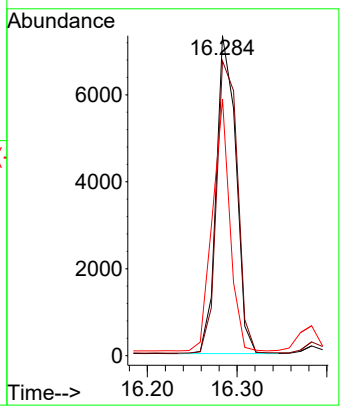


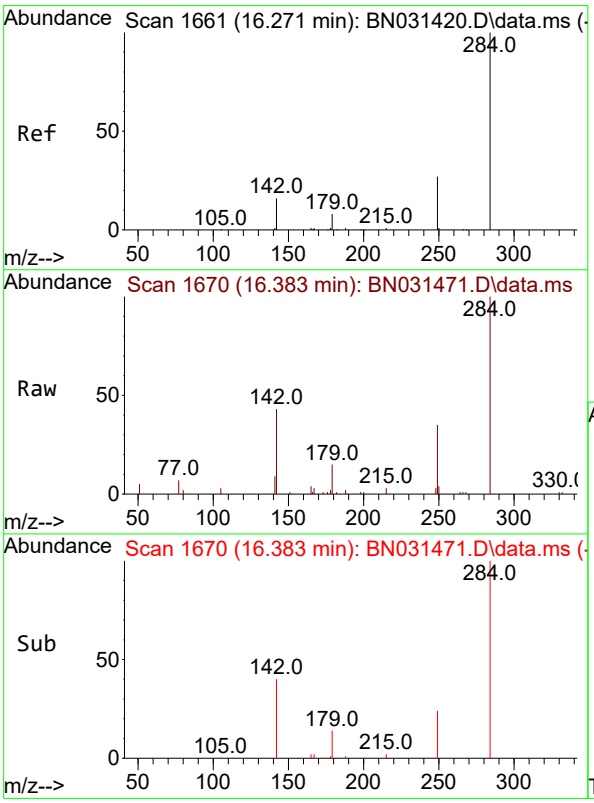
#21
4-Bromophenyl-phenylether
Concen: 0.362 ng
RT: 16.284 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN031471.D
Acq: 10 May 2024 21:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:248 Resp: 11147

Ion	Ratio	Lower	Upper
248	100		
250	92.1	77.9	116.9
141	80.1	43.4	65.2#

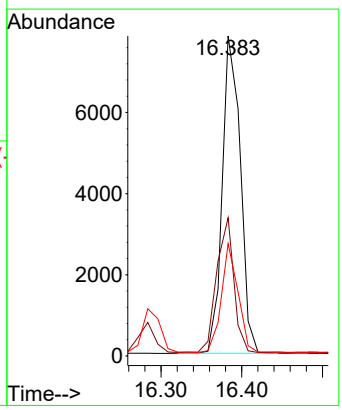


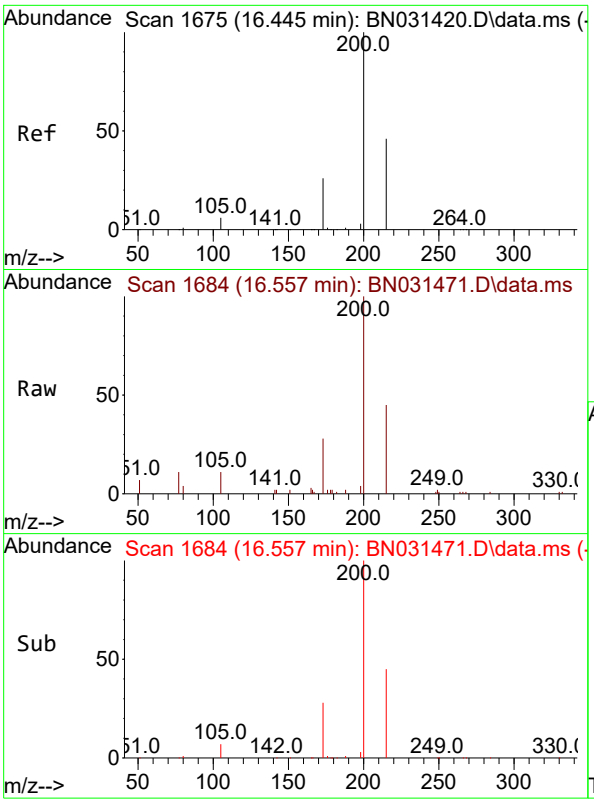


#22
Hexachlorobenzene
Concen: 0.391 ng
RT: 16.383 min Scan# 1670
Delta R.T. -0.013 min
Lab File: BN031471.D
Acq: 10 May 2024 21:12

Tgt Ion:284 Resp: 12139

Ion	Ratio	Lower	Upper
284	100		
142	40.3	31.0	46.6
249	31.6	25.5	38.3



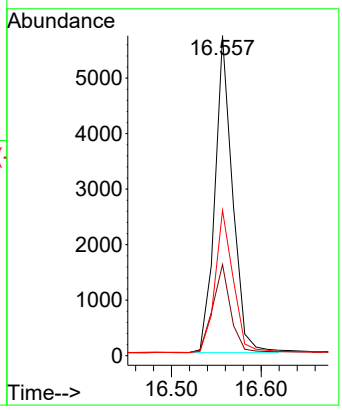


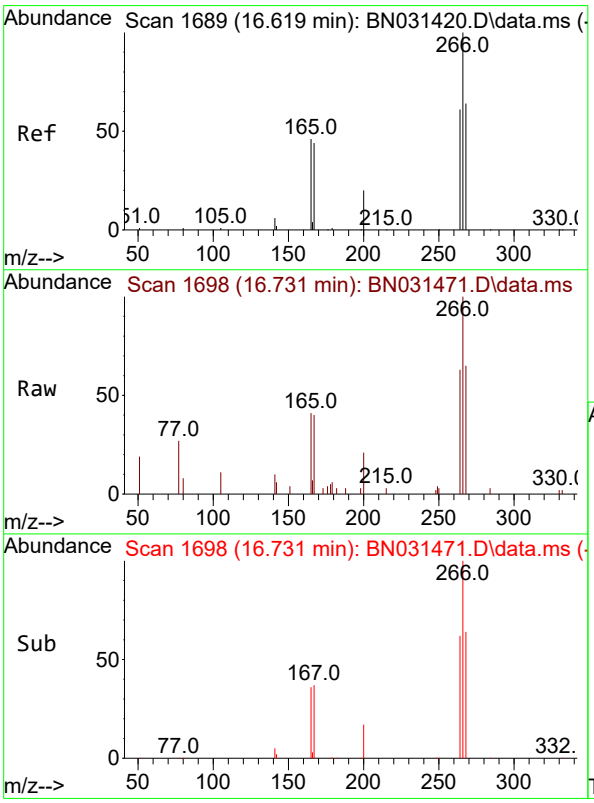
#23
Atrazine
Concen: 0.280 ng
RT: 16.557 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN031471.D
Acq: 10 May 2024 21:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:200 Resp: 7813

Ion	Ratio	Lower	Upper
200	100		
173	28.5	19.6	29.4
215	45.4	39.8	59.8

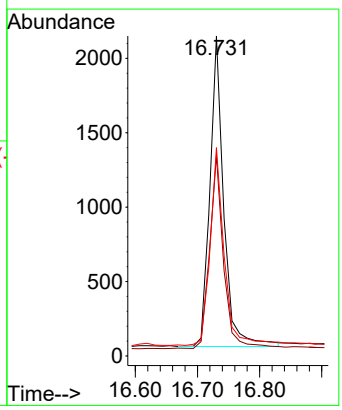


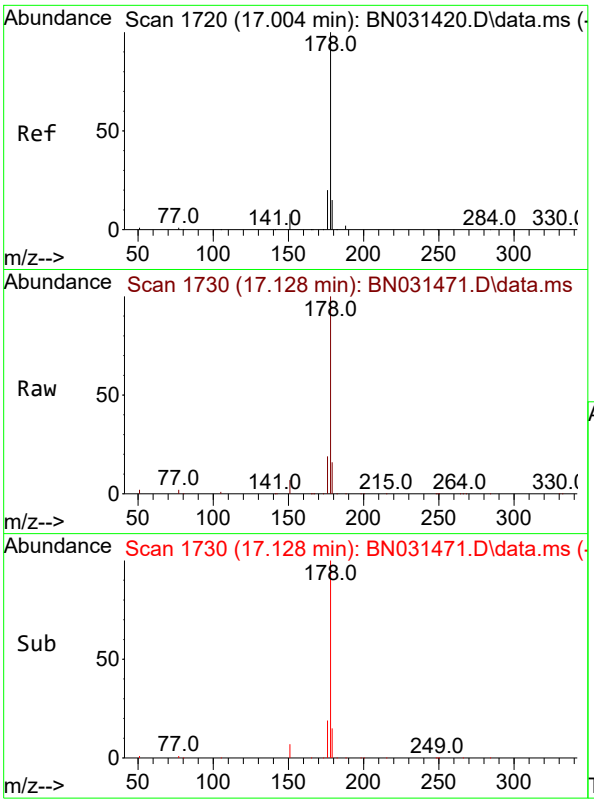


#24
Pentachlorophenol
Concen: 0.295 ng
RT: 16.731 min Scan# 1698
Delta R.T. -0.000 min
Lab File: BN031471.D
Acq: 10 May 2024 21:12

Tgt Ion:266 Resp: 3231

Ion	Ratio	Lower	Upper
266	100		
264	62.7	50.6	75.8
268	64.5	49.0	73.4



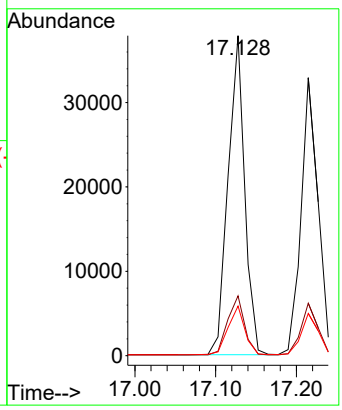


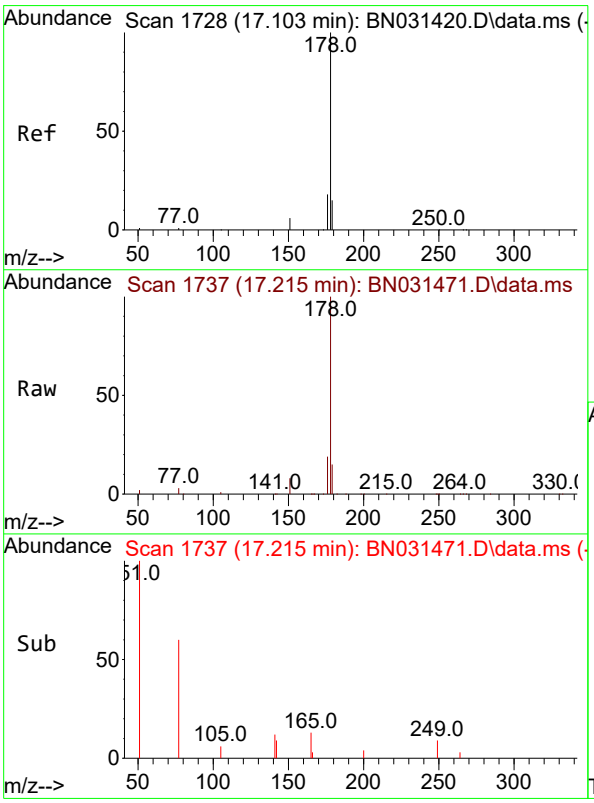
#25
Phenanthrene
Concen: 0.368 ng
RT: 17.128 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN031471.D
Acq: 10 May 2024 21:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 54098

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	15.3	12.3	18.5

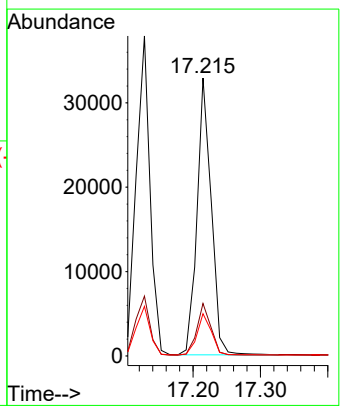


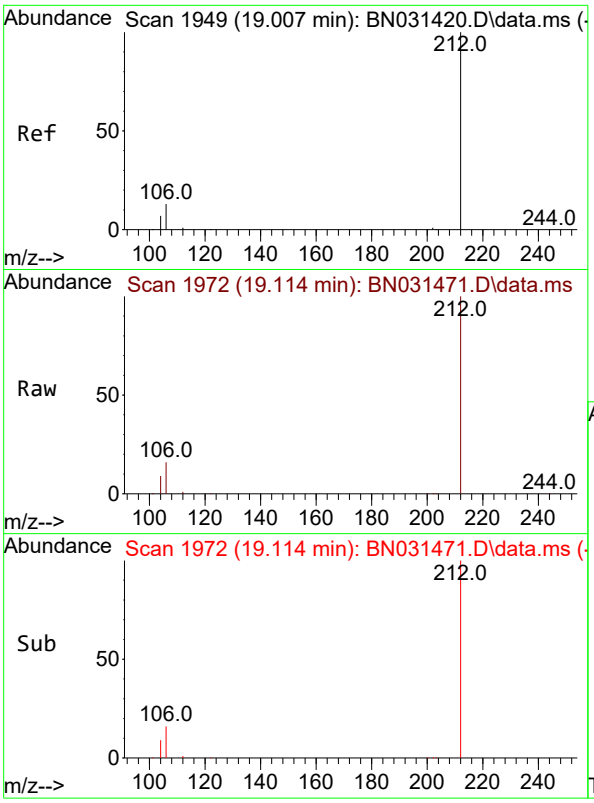


#26
Anthracene
Concen: 0.331 ng
RT: 17.215 min Scan# 1737
Delta R.T. -0.013 min
Lab File: BN031471.D
Acq: 10 May 2024 21:12

Tgt Ion:178 Resp: 48228

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.9	22.3
179	15.0	12.4	18.6



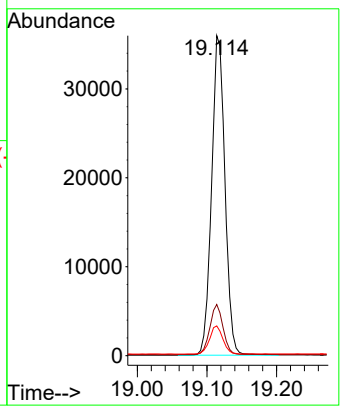


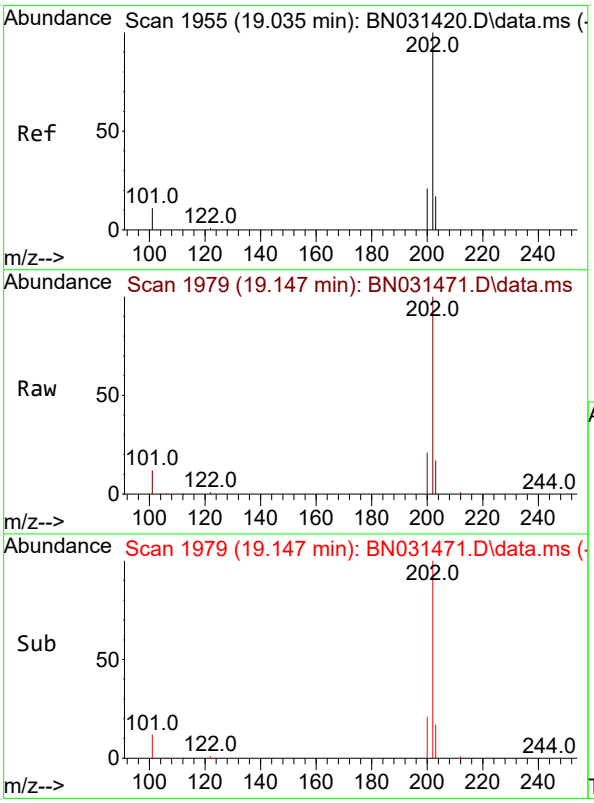
#27
Fluoranthene-d10
Concen: 0.329 ng
RT: 19.114 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN031471.D
Acq: 10 May 2024 21:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 47991

Ion	Ratio	Lower	Upper
212	100		
106	15.5	12.0	18.0
104	8.7	6.9	10.3

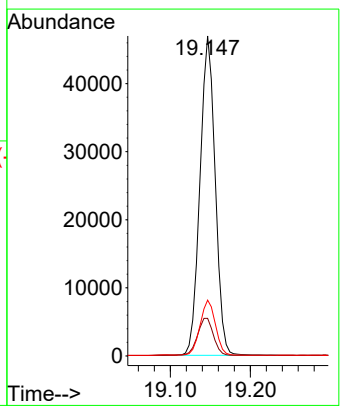


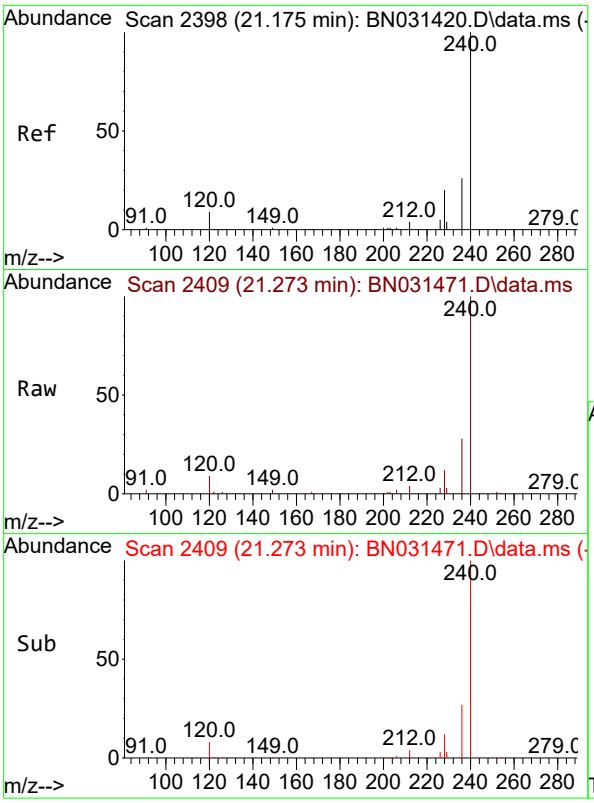


#28
Fluoranthene
Concen: 0.346 ng
RT: 19.147 min Scan# 1979
Delta R.T. -0.005 min
Lab File: BN031471.D
Acq: 10 May 2024 21:12

Tgt Ion:202 Resp: 61900

Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.8	14.6
203	17.3	13.8	20.8



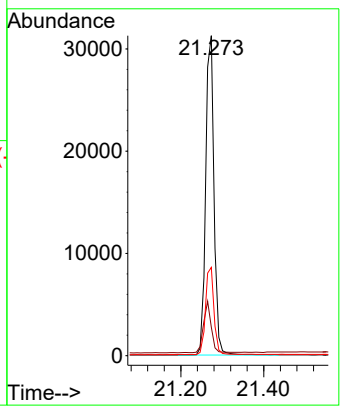


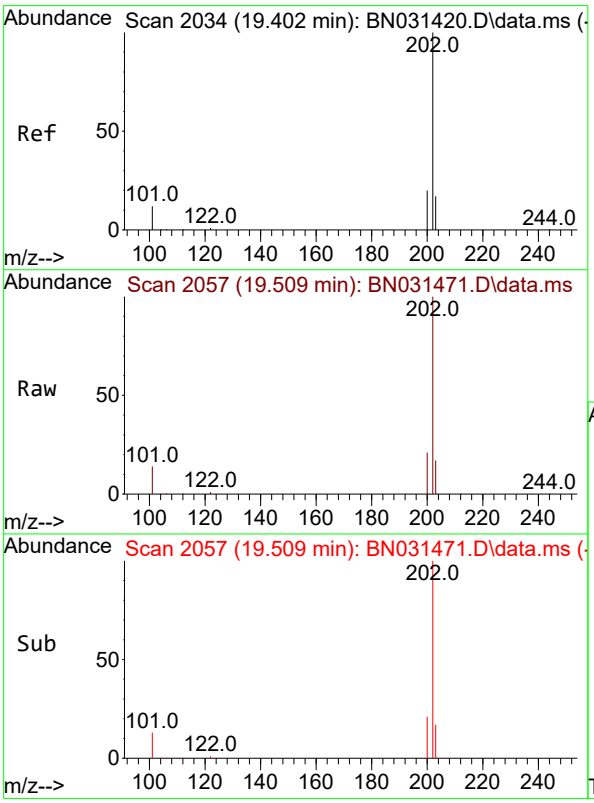
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.273 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN031471.D
Acq: 10 May 2024 21:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 43739

Ion	Ratio	Lower	Upper
240	100		
120	8.9	11.4	17.2#
236	27.6	22.2	33.4

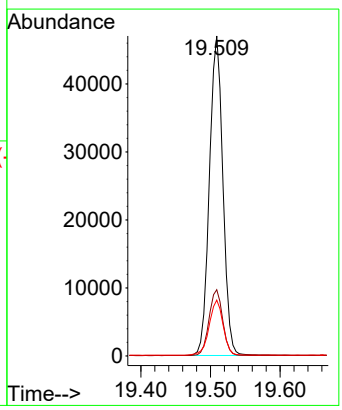


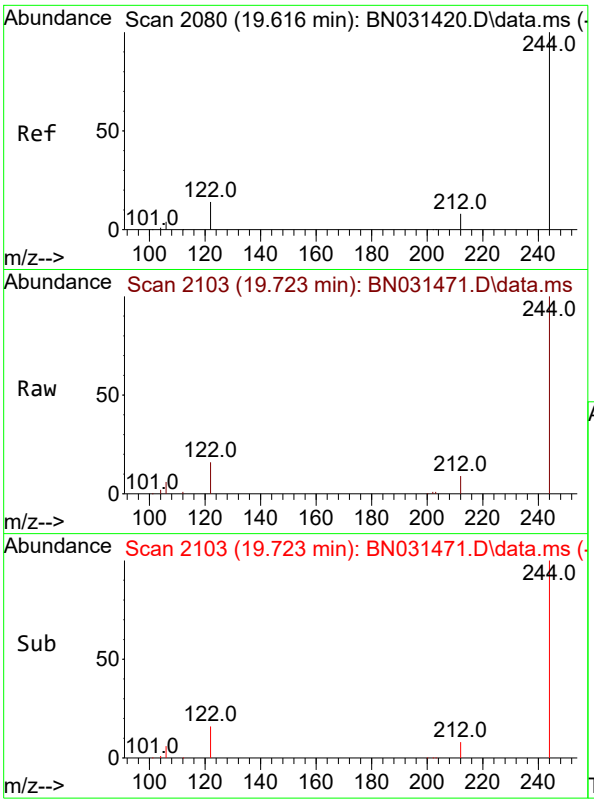


#30
Pyrene
Concen: 0.357 ng
RT: 19.509 min Scan# 2057
Delta R.T. -0.005 min
Lab File: BN031471.D
Acq: 10 May 2024 21:12

Tgt Ion:202 Resp: 63272

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	17.8	14.3	21.5



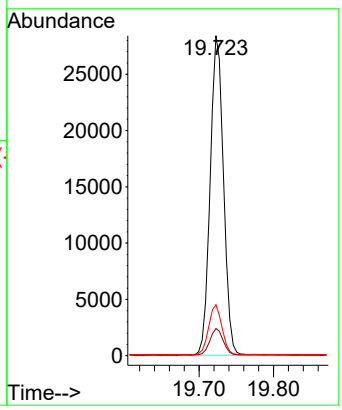


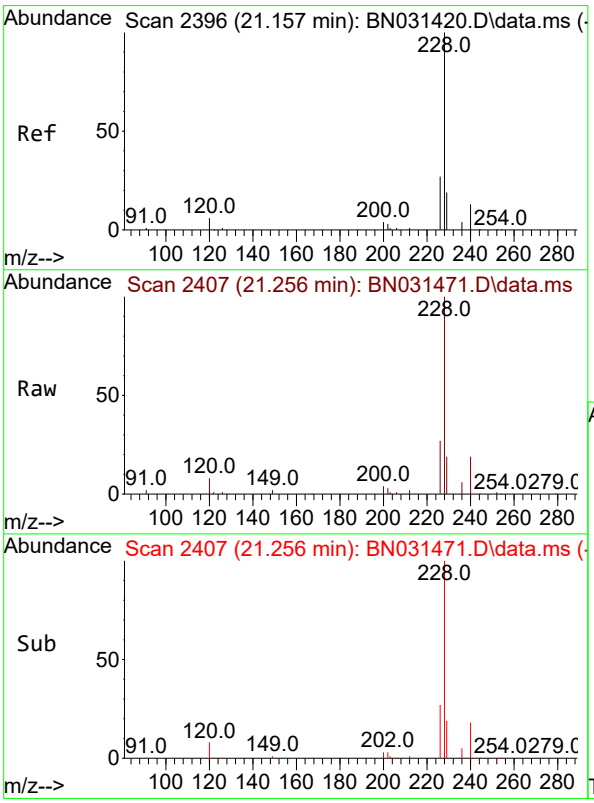
#31
Terphenyl-d14
Concen: 0.330 ng
RT: 19.723 min Scan# 21
Delta R.T. -0.010 min
Lab File: BN031471.D
Acq: 10 May 2024 21:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 35296

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.5	9.7
122	16.0	11.4	17.2

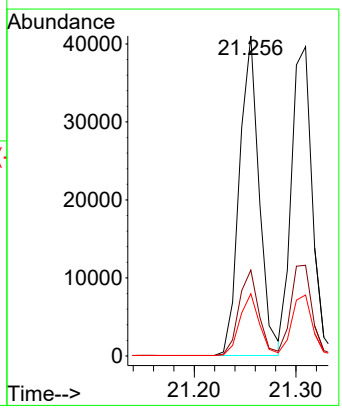


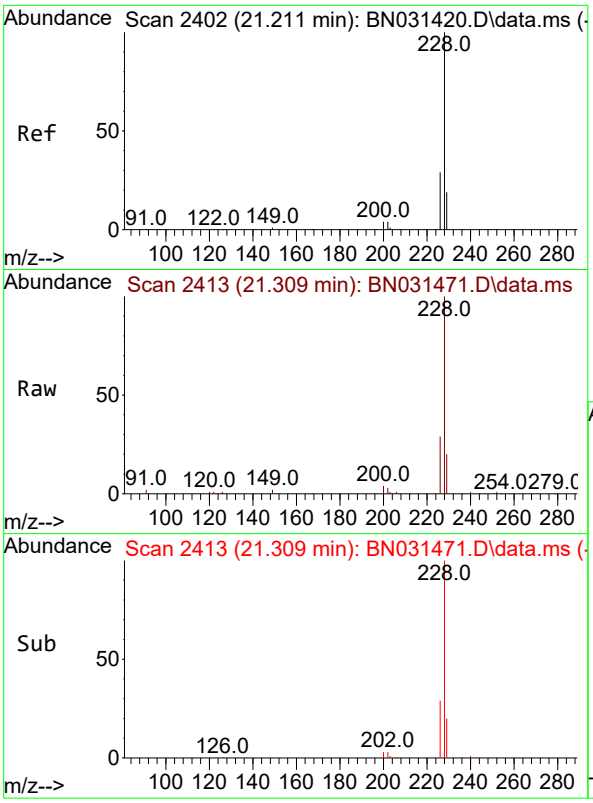


#32
Benzo(a)anthracene
Concen: 0.326 ng
RT: 21.256 min Scan# 2407
Delta R.T. -0.000 min
Lab File: BN031471.D
Acq: 10 May 2024 21:12

Tgt Ion:228 Resp: 55041

Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.4	33.6
229	19.5	15.5	23.3



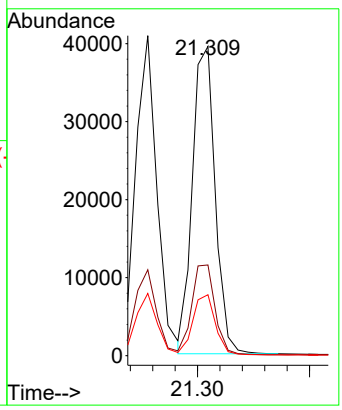


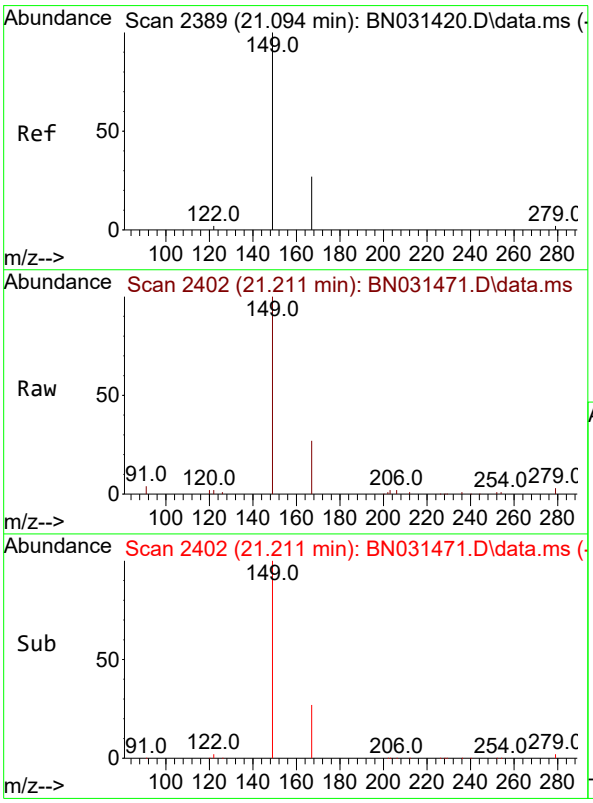
#33
Chrysene
Concen: 0.347 ng
RT: 21.309 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN031471.D
Acq: 10 May 2024 21:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 55773

Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.5	36.7
229	19.7	15.8	23.8

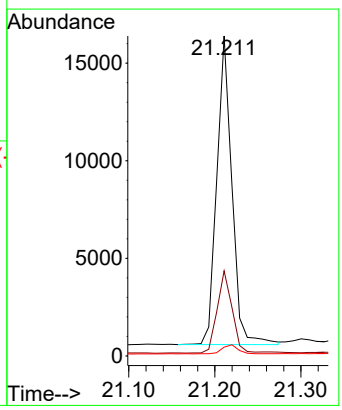


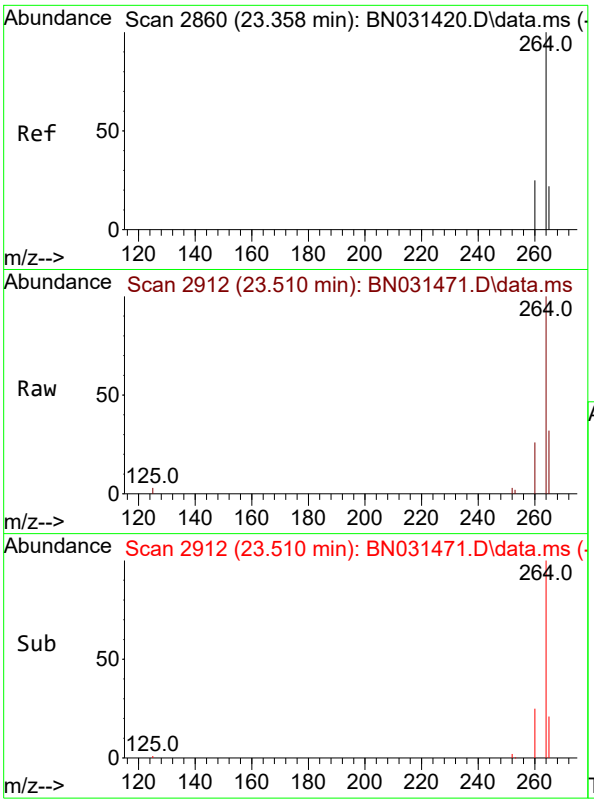


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.195 ng
RT: 21.211 min Scan# 2402
Delta R.T. -0.009 min
Lab File: BN031471.D
Acq: 10 May 2024 21:12

Tgt Ion:149 Resp: 19246

Ion	Ratio	Lower	Upper
149	100		
167	26.5	22.1	33.1
279	3.1	2.7	4.1



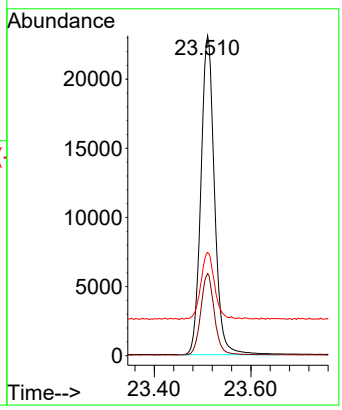


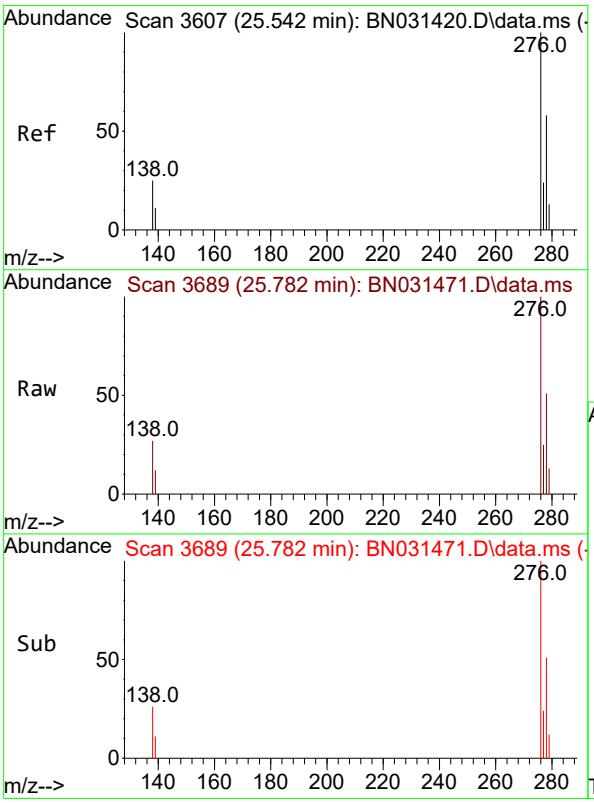
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.510 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN031471.D
Acq: 10 May 2024 21:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:264 Resp: 45160

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.6	31.0
265	32.2	24.0	36.0

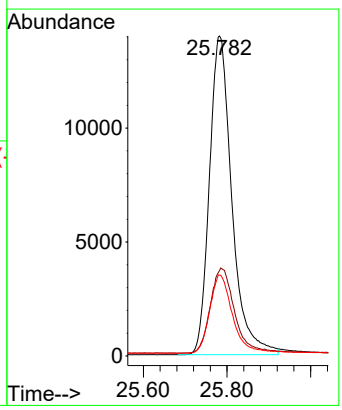


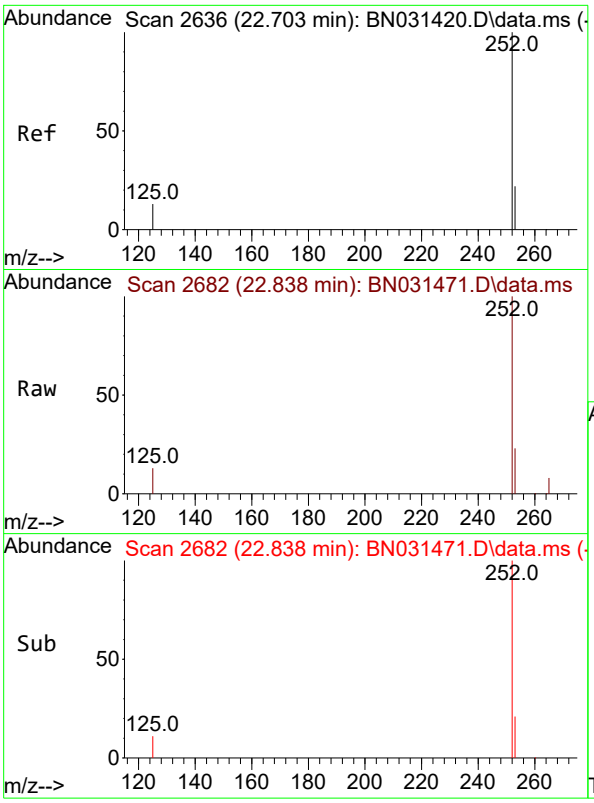


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.290 ng
RT: 25.782 min Scan# 3689
Delta R.T. -0.012 min
Lab File: BN031471.D
Acq: 10 May 2024 21:12

Tgt Ion:276 Resp: 52255

Ion	Ratio	Lower	Upper
276	100		
138	28.5	23.0	34.6
277	24.8	19.9	29.9



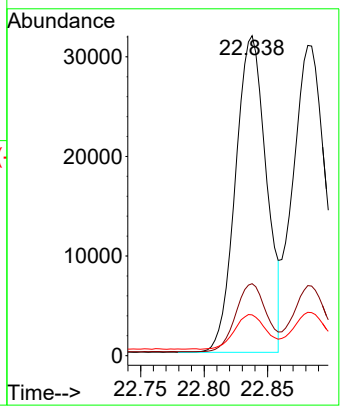


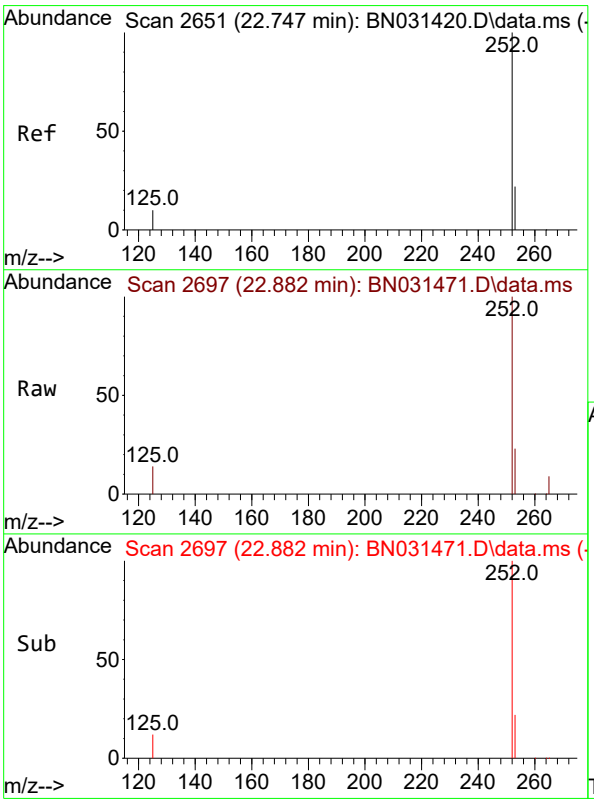
#37
Benzo(b)fluoranthene
Concen: 0.331 ng
RT: 22.838 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN031471.D
Acq: 10 May 2024 21:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 53570

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	12.8	10.5	15.7

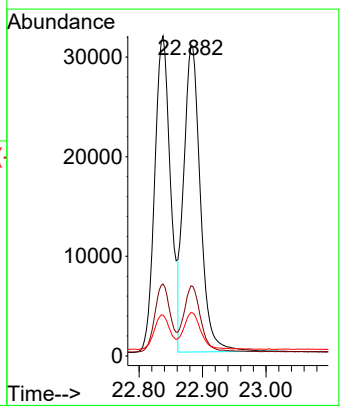


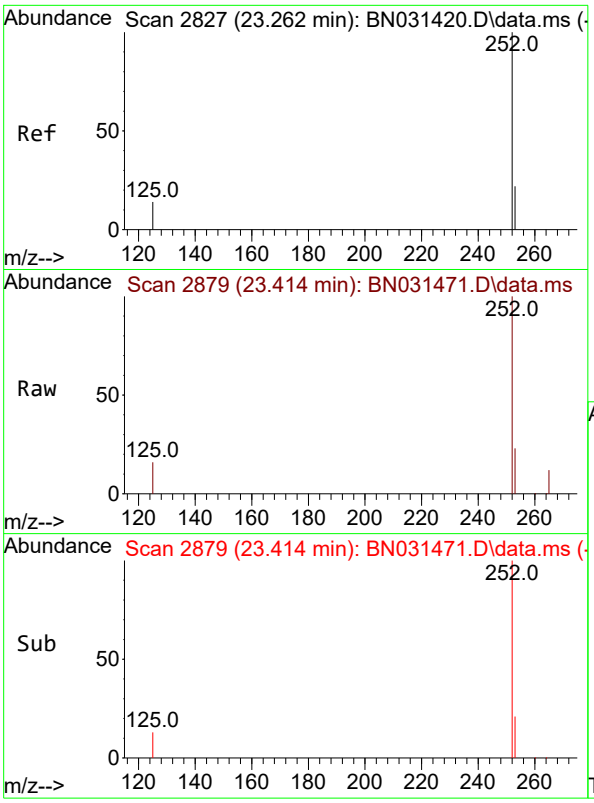


#38
Benzo(k)fluoranthene
Concen: 0.365 ng
RT: 22.882 min Scan# 2697
Delta R.T. -0.009 min
Lab File: BN031471.D
Acq: 10 May 2024 21:12

Tgt Ion:252 Resp: 56059

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	14.0	11.0	16.6



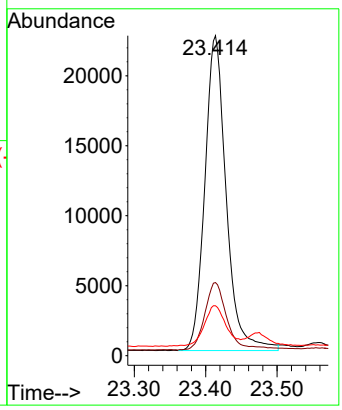


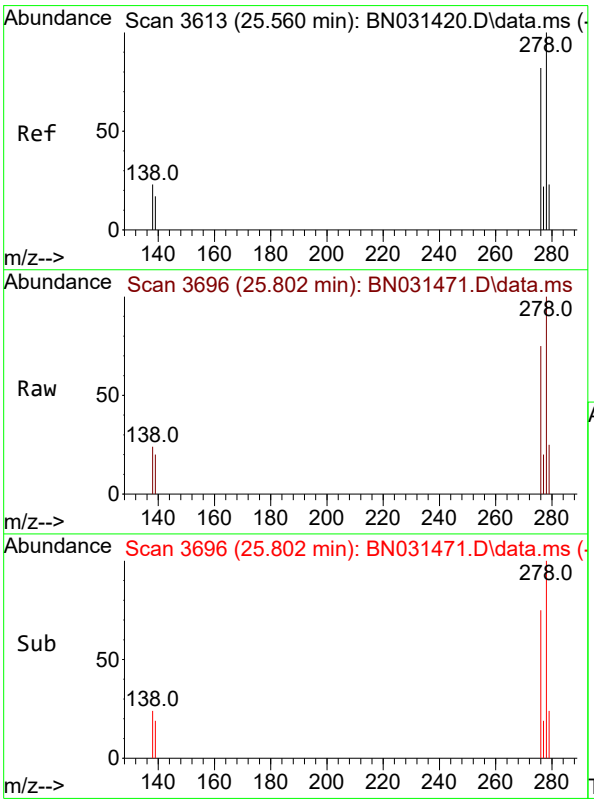
#39
Benzo(a)pyrene
Concen: 0.331 ng
RT: 23.414 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN031471.D
Acq: 10 May 2024 21:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 46700

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	15.6	11.9	17.9

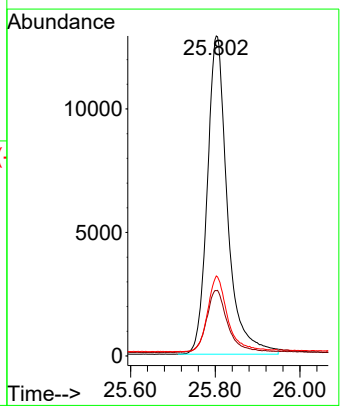


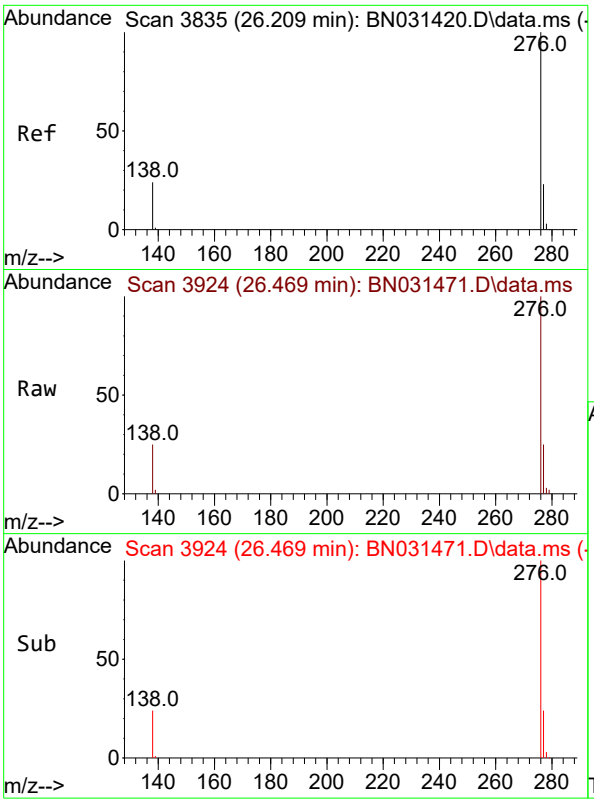


#40
Dibenzo(a,h)anthracene
Concen: 0.299 ng
RT: 25.802 min Scan# 3696
Delta R.T. -0.018 min
Lab File: BN031471.D
Acq: 10 May 2024 21:12

Tgt Ion:278 Resp: 42631

Ion	Ratio	Lower	Upper
278	100		
139	20.4	15.9	23.9
279	25.0	19.8	29.8





#41
Benzo(g,h,i)perylene
Concen: 0.279 ng
RT: 26.469 min Scan# 3
Delta R.T. -0.015 min
Lab File: BN031471.D
Acq: 10 May 2024 21:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 42793

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.4	29.0
138	25.1	20.4	30.6