Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050924\
Data File : BN031451.D
Acq On : 09 May 2024 19:42
Operator : MA/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: May 10 01:59:52 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 01:50:23 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.718	152	10288	0.400	ng		0.00
7) Naphthalene-d8	10.496	136	33401	0.400	ng		0.00
13) Acenaphthene-d10	14.349	164	20363	0.400	ng		0.00
19) Phenanthrene-d10	17.091	188	45994	0.400	ng		0.00
29) Chrysene-d12	21.274	240	40551	0.400	ng		0.00
35) Perylene-d12	23.519	264	44948	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.299	112	92955	3.857	ng		0.00
5) Phenol-d6	6.873	99	126512	4.420	ng		0.00
8) Nitrobenzene-d5	8.862	82	78263	2.669	ng		0.00
11) 2-Methylnaphthalene-d10	12.092	152	173214	3.505	ng		0.00
14) 2,4,6-Tribromophenol	15.837	330	25603	2.828	ng		0.00
15) 2-Fluorobiphenyl	12.981	172	253176	3.361	ng		0.00
27) Fluoranthene-d10	19.123	212	417502	3.355	ng		0.00
31) Terphenyl-d14	19.732	244	312491	3.036	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.248	88	40184	3.273	ng	#	84
3) n-Nitrosodimethylamine	3.551	42	40570	3.310	ng	#	97
6) bis(2-Chloroethyl)ether	7.148	93	109760	4.102	ng		99
9) Naphthalene	10.549	128	298760	3.200	ng		96
10) Hexachlorobutadiene	10.837	225	51948	2.666	ng	#	100
12) 2-Methylnaphthalene	12.168	142	202152	3.523	ng		98
16) Acenaphthylene	14.071	152	333586	3.734	ng		100
17) Acenaphthene	14.413	154	208488	3.405	ng		99
18) Fluorene	15.397	166	272187	3.435	ng		100
20) 4,6-Dinitro-2-methylph...	15.472	198	14247	1.938	ng	#	19
21) 4-Bromophenyl-phenylether	16.296	248	86826	3.270	ng		96
22) Hexachlorobenzene	16.396	284	89229	2.935	ng		99
23) Atrazine	16.569	200	80016	3.842	ng		97
24) Pentachlorophenol	16.731	266	36577	2.929	ng		98
25) Phenanthrene	17.128	178	419112	3.176	ng		100
26) Anthracene	17.227	178	415820	3.746	ng		100
28) Fluoranthene	19.151	202	502489	3.117	ng		100
30) Pyrene	19.514	202	528508	3.232	ng		100
32) Benzo(a)anthracene	21.256	228	509845	3.641	ng		100
33) Chrysene	21.309	228	486509	3.335	ng		99
34) Bis(2-ethylhexyl)phtha...	21.220	149	298151	4.031	ng		100
36) Indeno(1,2,3-cd)pyrene	25.794	276	583681	3.214	ng		98
37) Benzo(b)fluoranthene	22.847	252	530111	3.007	ng		97
38) Benzo(k)fluoranthene	22.847	252	530111	3.065	ng		96
39) Benzo(a)pyrene	23.423	252	459759	3.108	ng		96
40) Dibenzo(a,h)anthracene	25.820	278	459288	3.209	ng		97
41) Benzo(g,h,i)perylene	26.487	276	496811	3.422	ng		97

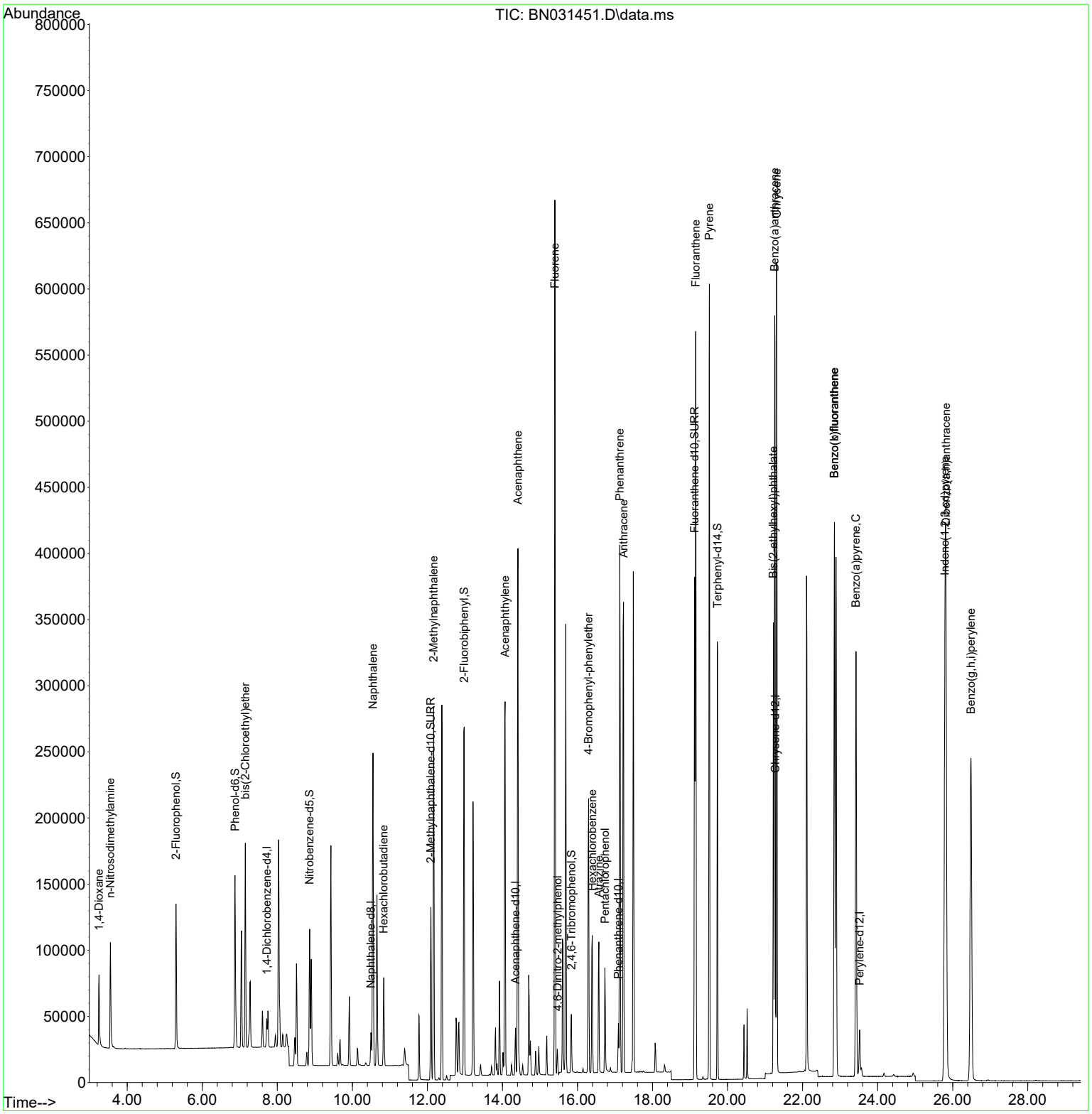
(#) = qualifier out of range (m) = manual integration (+) = signals summed

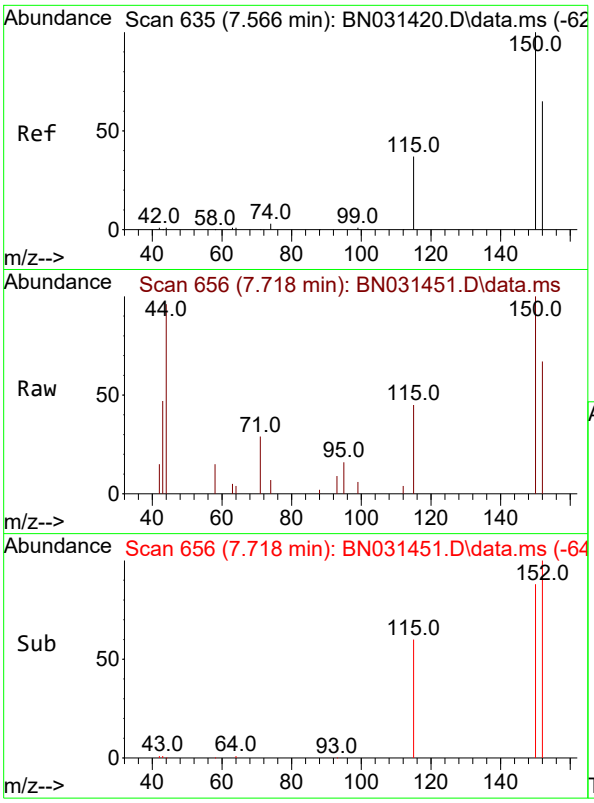
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050924\
Data File : BN031451.D
Acq On : 09 May 2024 19:42
Operator : MA/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: May 10 01:59:52 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 01:50:23 2024
Response via : Initial Calibration



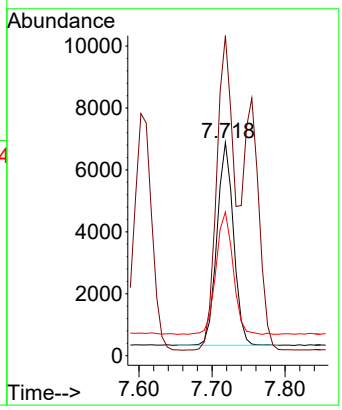


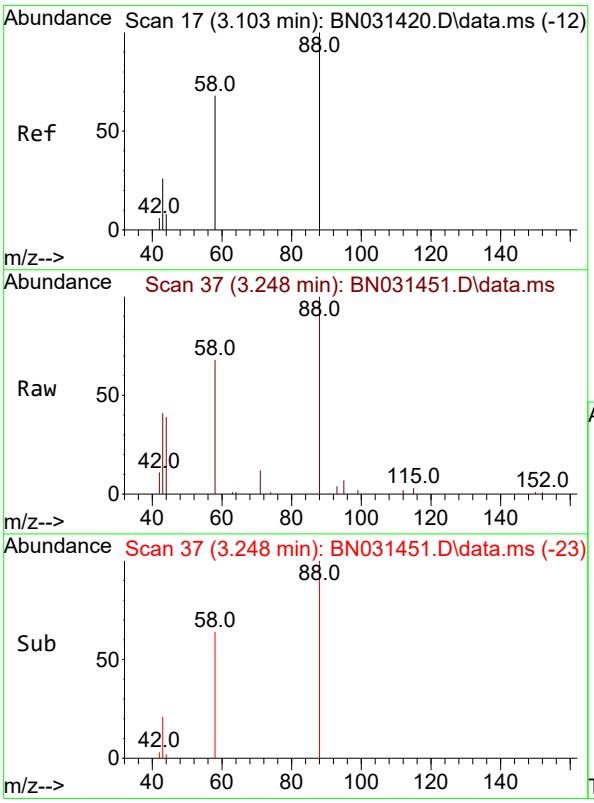
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.718 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN031451.D
Acq: 09 May 2024 19:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 10288

Ion	Ratio	Lower	Upper
152	100		
150	150.1	119.3	178.9
115	67.4	54.8	82.2

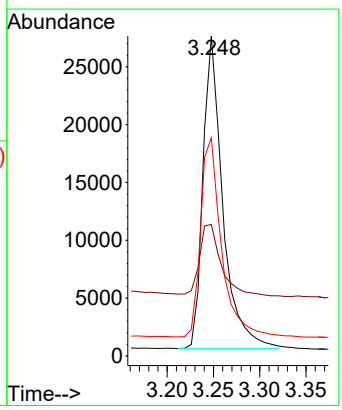


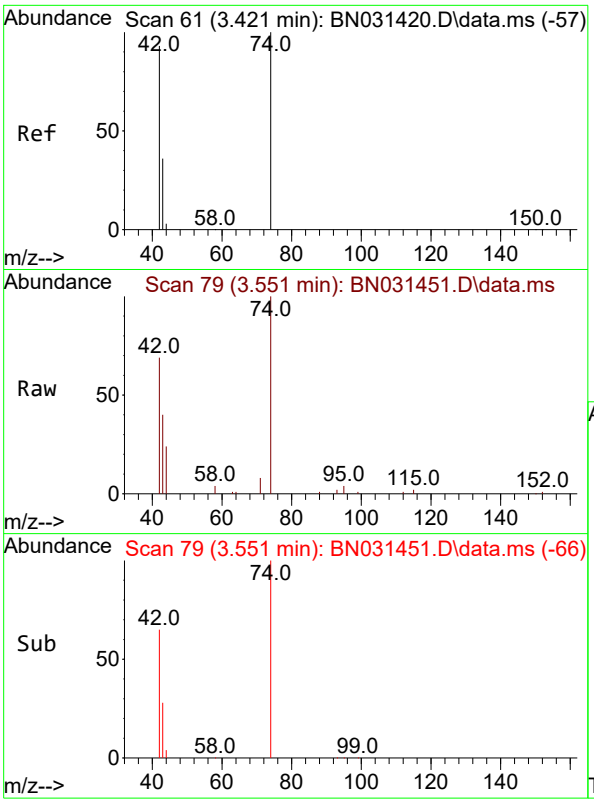


#2
1,4-Dioxane
Concen: 3.273 ng
RT: 3.248 min Scan# 37
Delta R.T. -0.000 min
Lab File: BN031451.D
Acq: 09 May 2024 19:42

Tgt Ion: 88 Resp: 40184

Ion	Ratio	Lower	Upper
88	100		
43	24.9	39.0	58.6#
58	67.0	54.9	82.3



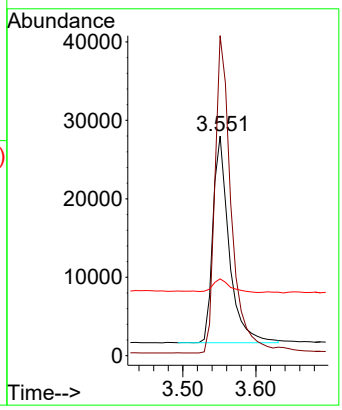


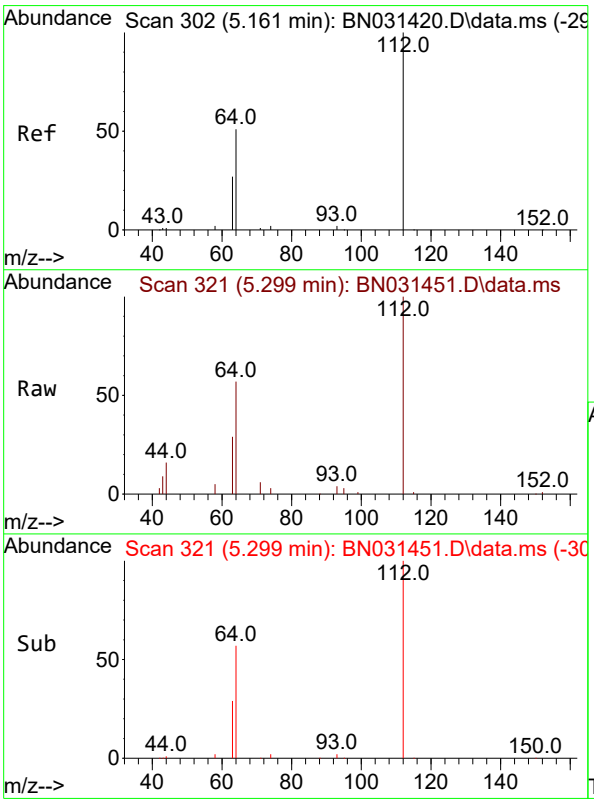
#3
n-Nitrosodimethylamine
Concen: 3.310 ng
RT: 3.551 min Scan# 7
Delta R.T. -0.007 min
Lab File: BN031451.D
Acq: 09 May 2024 19:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion: 42 Resp: 40570

Ion	Ratio	Lower	Upper
42	100		
74	153.9	126.4	189.6
44	6.8	6.9	10.3#

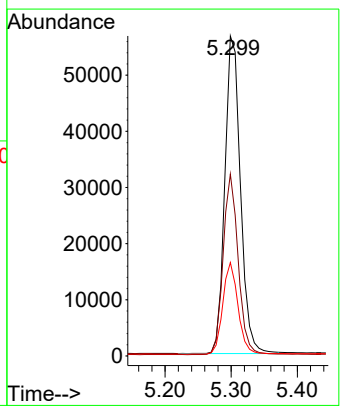


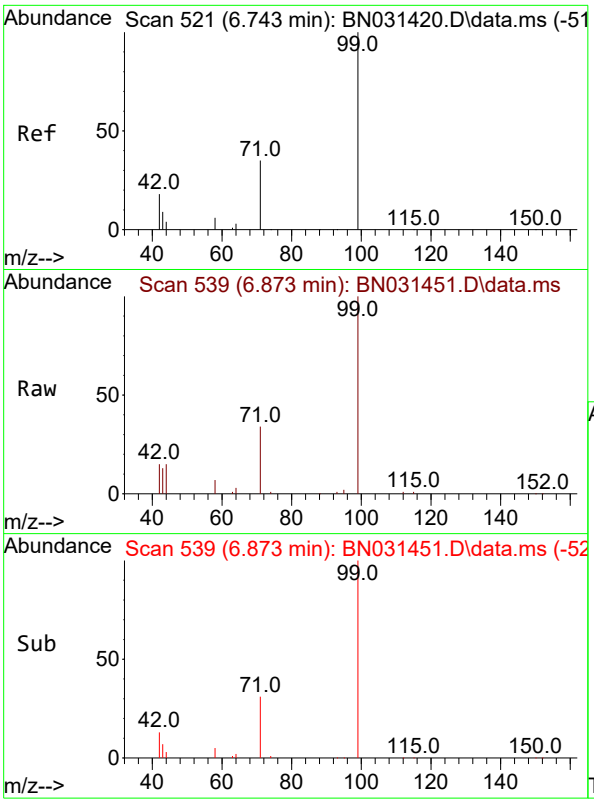


#4
2-Fluorophenol
Concen: 3.857 ng
RT: 5.299 min Scan# 321
Delta R.T. -0.000 min
Lab File: BN031451.D
Acq: 09 May 2024 19:42

Tgt Ion:112 Resp: 92955

Ion	Ratio	Lower	Upper
112	100		
64	54.8	44.0	66.0
63	28.0	22.2	33.4



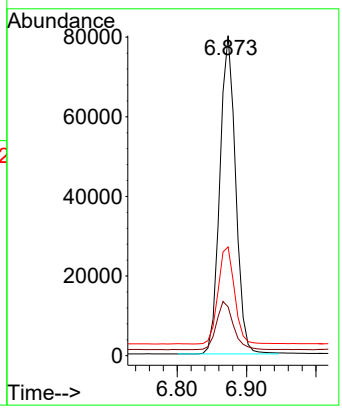


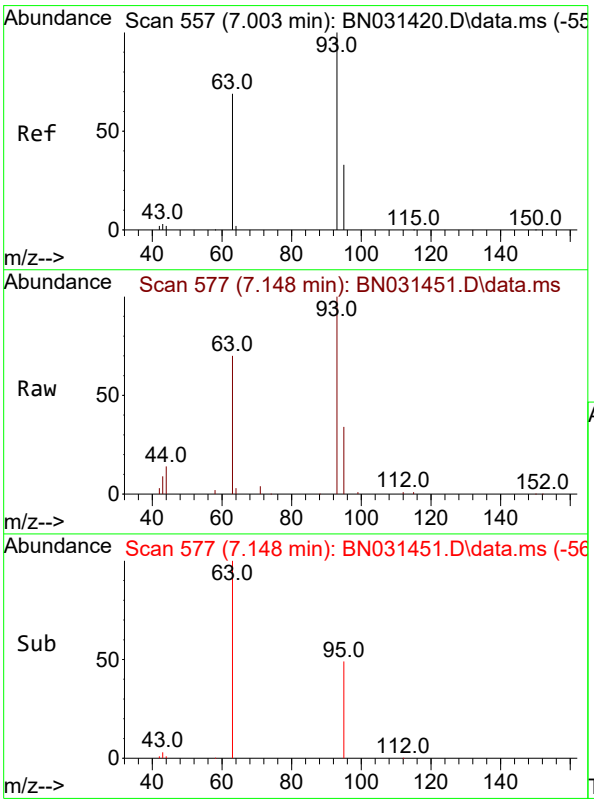
#5
Phenol-d6
Concen: 4.420 ng
RT: 6.873 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN031451.D
Acq: 09 May 2024 19:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion: 99 Resp: 126512

Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.5	20.3
71	31.6	26.1	39.1

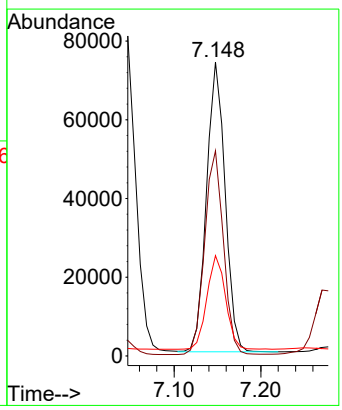


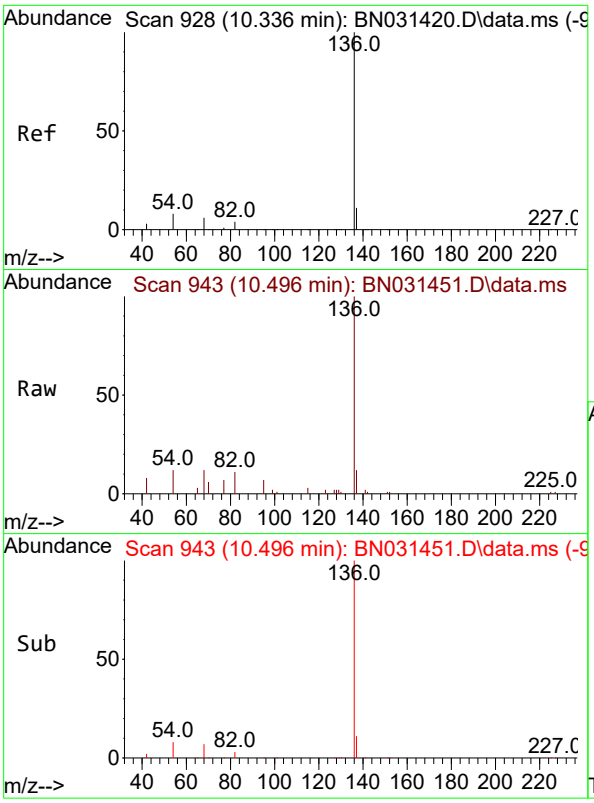


#6
bis(2-Chloroethyl)ether
Concen: 4.102 ng
RT: 7.148 min Scan# 577
Delta R.T. -0.000 min
Lab File: BN031451.D
Acq: 09 May 2024 19:42

Tgt Ion: 93 Resp: 109760

Ion	Ratio	Lower	Upper
93	100		
63	71.2	56.6	85.0
95	32.4	27.3	40.9



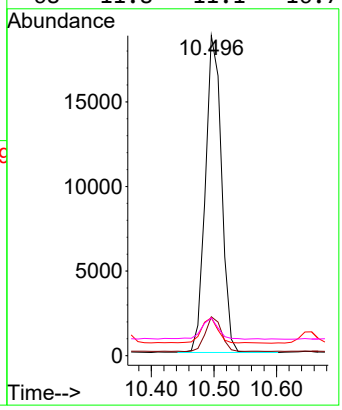


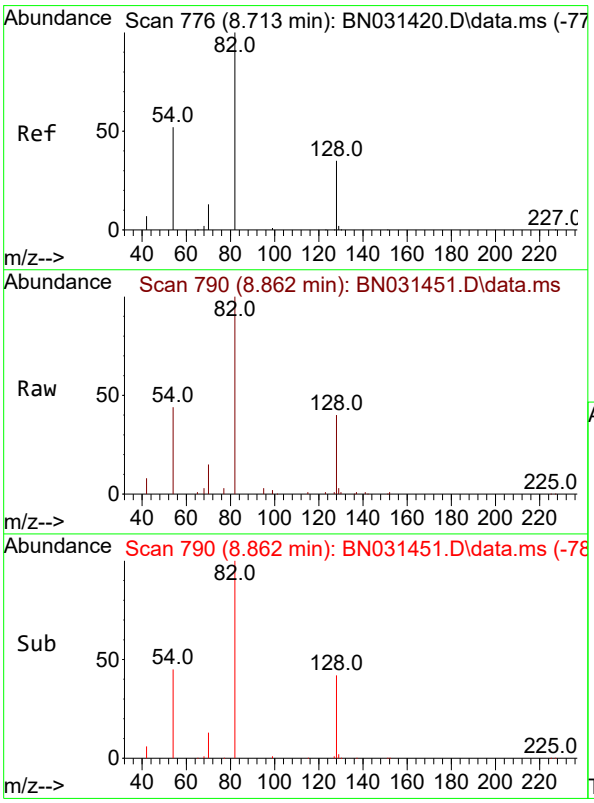
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.496 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN031451.D
Acq: 09 May 2024 19:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:136 Resp: 33401

Ion	Ratio	Lower	Upper
136	100		
137	12.1	10.1	15.1
54	11.9	10.5	15.7
68	11.8	11.1	16.7

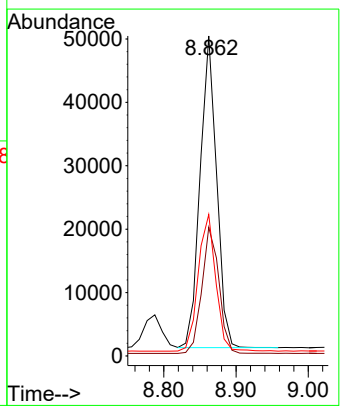


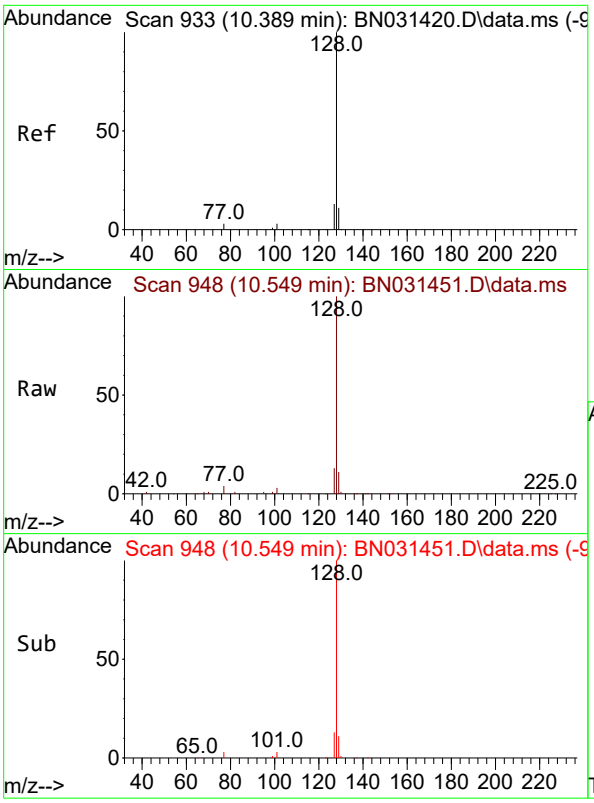


#8
Nitrobenzene-d5
Concen: 2.669 ng
RT: 8.862 min Scan# 790
Delta R.T. -0.000 min
Lab File: BN031451.D
Acq: 09 May 2024 19:42

Tgt Ion: 82 Resp: 78263

Ion	Ratio	Lower	Upper
82	100		
128	40.2	29.0	43.6
54	44.2	37.2	55.8



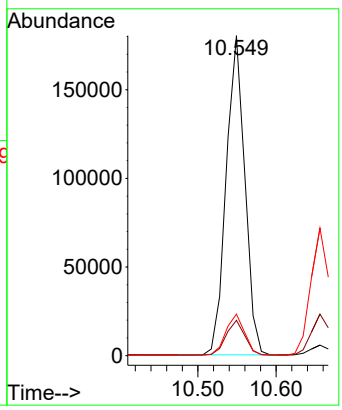


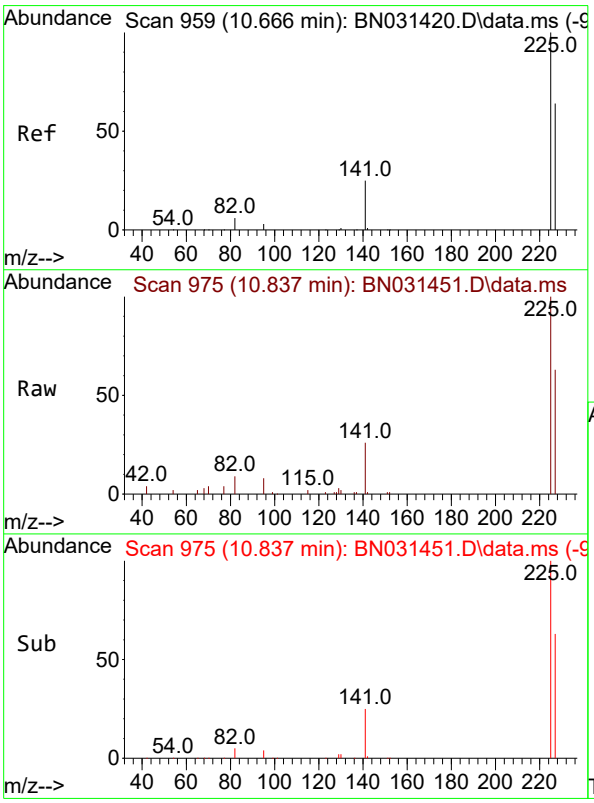
#9
Naphthalene
Concen: 3.200 ng
RT: 10.549 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN031451.D
Acq: 09 May 2024 19:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:128 Resp: 298760

Ion	Ratio	Lower	Upper
128	100		
129	11.0	10.2	15.4
127	13.0	11.7	17.5

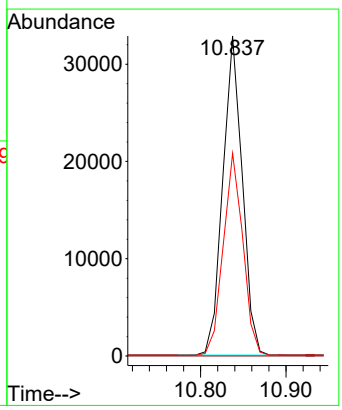


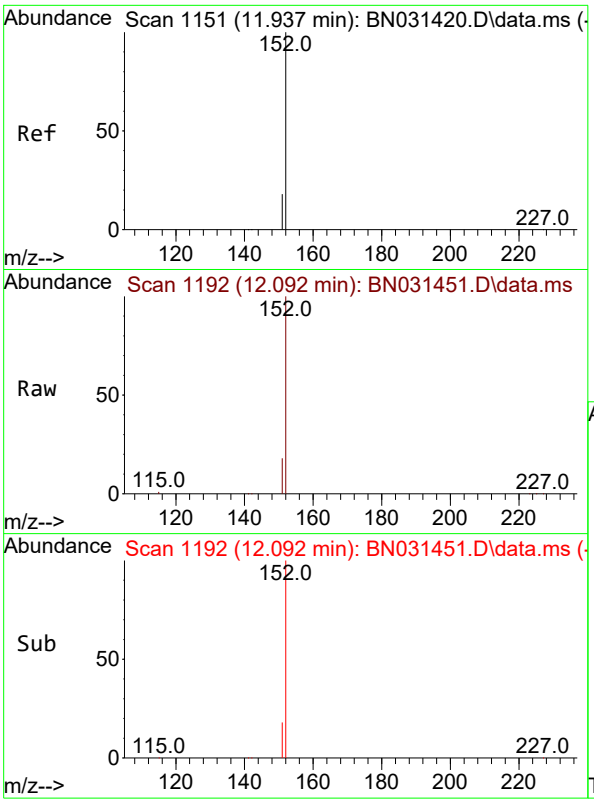


#10
Hexachlorobutadiene
Concen: 2.666 ng
RT: 10.837 min Scan# 975
Delta R.T. -0.000 min
Lab File: BN031451.D
Acq: 09 May 2024 19:42

Tgt Ion:225 Resp: 51948

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.7	50.7	76.1



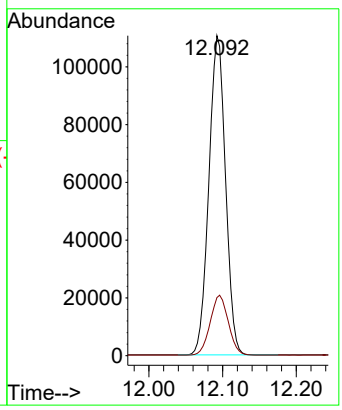


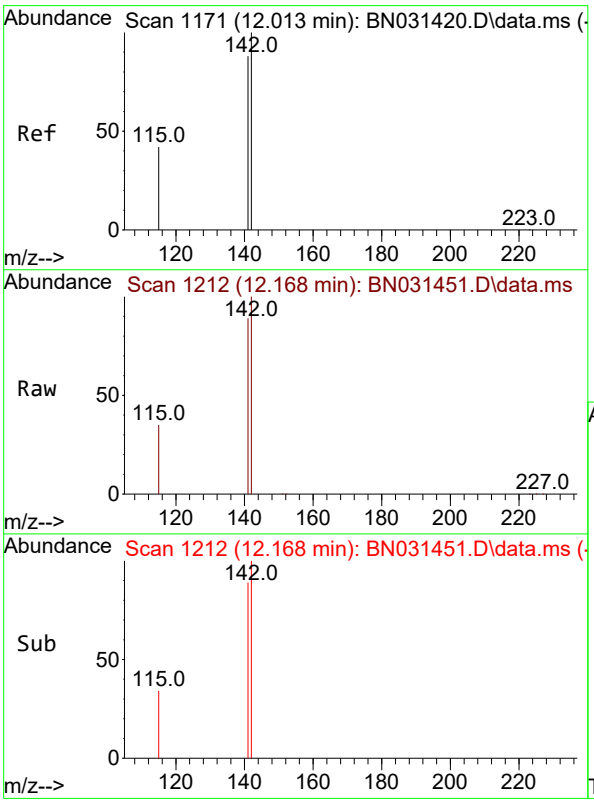
#11
2-Methylnaphthalene-d10
Concen: 3.505 ng
RT: 12.092 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN031451.D
Acq: 09 May 2024 19:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 173214

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.6	25.0

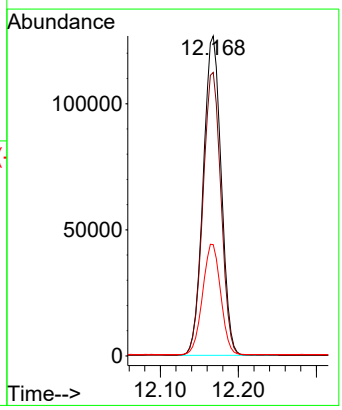


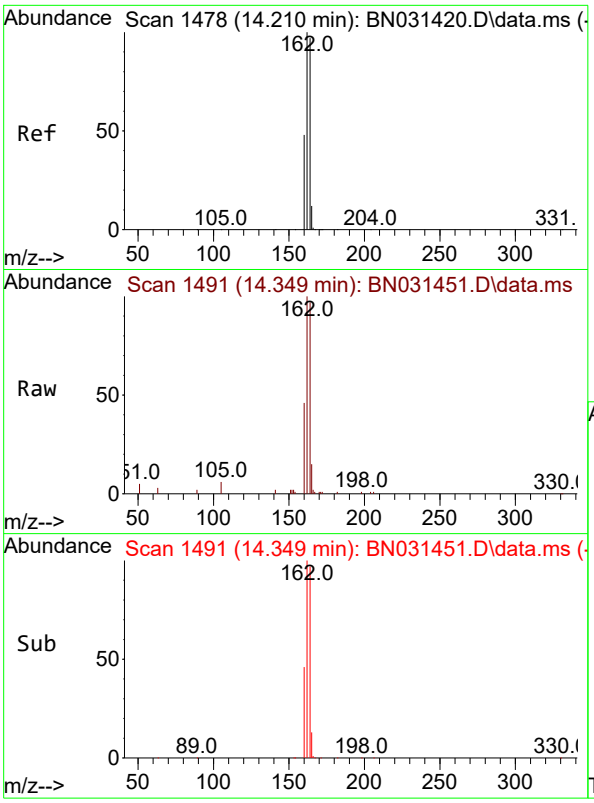


#12
2-Methylnaphthalene
Concen: 3.523 ng
RT: 12.168 min Scan# 1212
Delta R.T. -0.000 min
Lab File: BN031451.D
Acq: 09 May 2024 19:42

Tgt Ion:142 Resp: 202152

Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.0	106.6
115	34.8	30.2	45.2



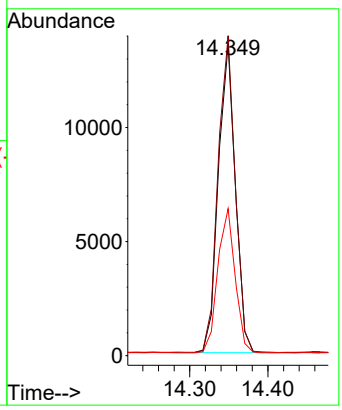


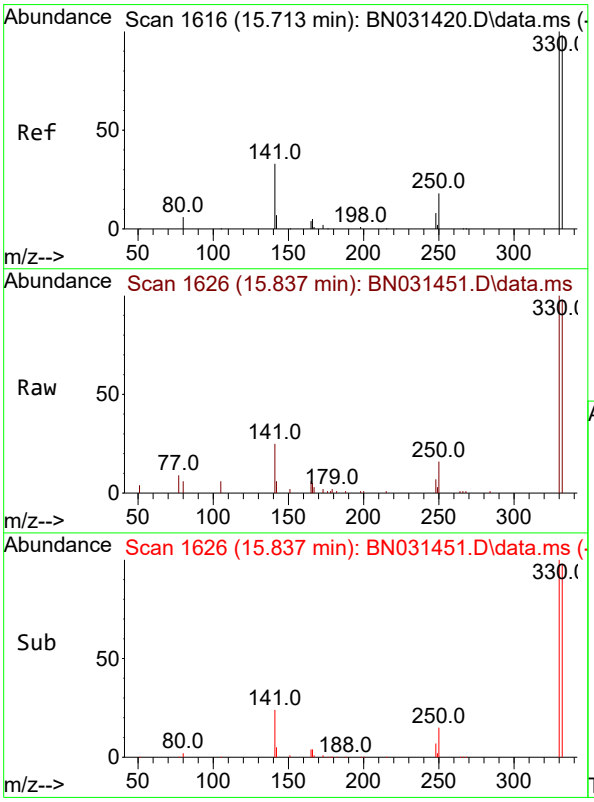
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.349 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN031451.D
Acq: 09 May 2024 19:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:164 Resp: 20363

Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.2	121.8
160	47.2	37.0	55.6

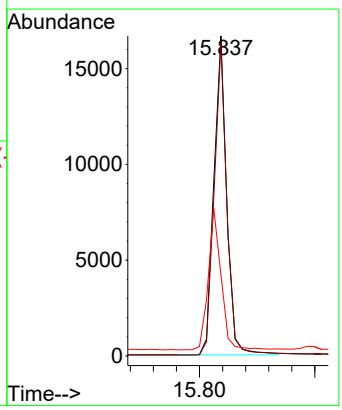


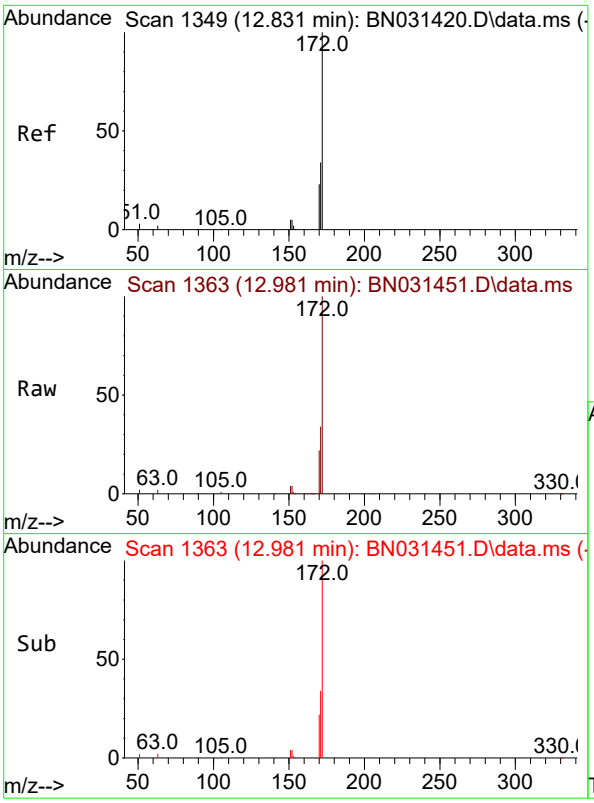


#14
2,4,6-Tribromophenol
Concen: 2.828 ng
RT: 15.837 min Scan# 1626
Delta R.T. -0.000 min
Lab File: BN031451.D
Acq: 09 May 2024 19:42

Tgt Ion:330 Resp: 25603

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	114.8
141	44.4	37.0	55.4



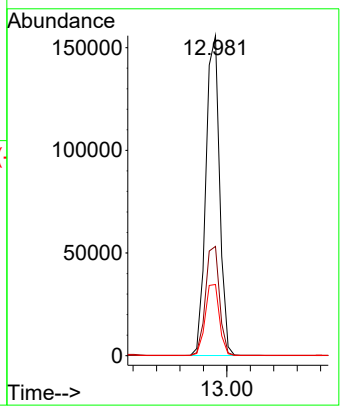


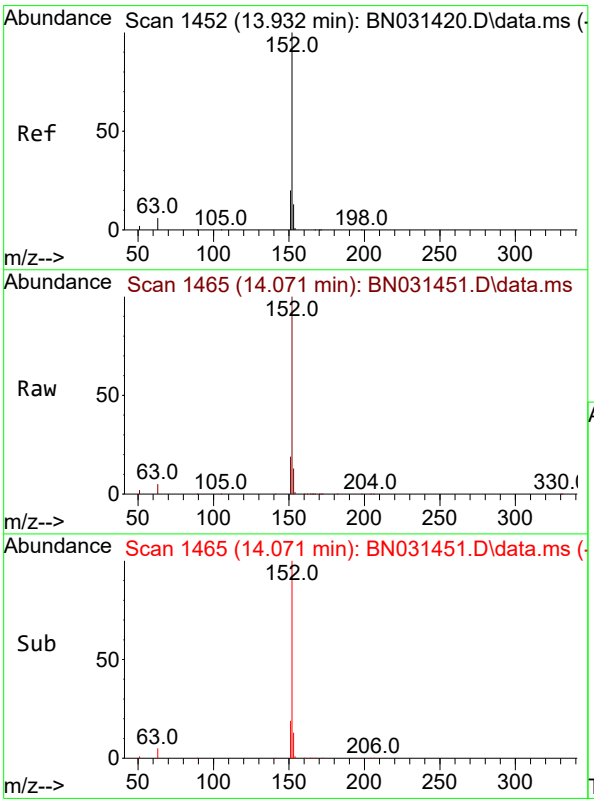
#15
2-Fluorobiphenyl
Concen: 3.361 ng
RT: 12.981 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN031451.D
Acq: 09 May 2024 19:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:172 Resp: 253176

Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.8	41.8
170	22.3	18.3	27.5

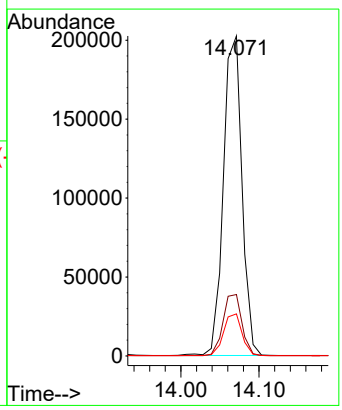


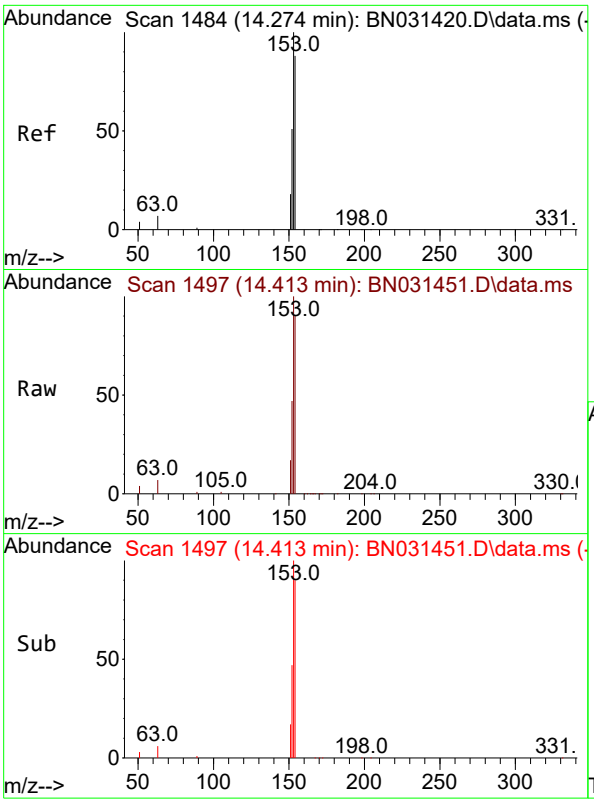


#16
Acenaphthylene
Concen: 3.734 ng
RT: 14.071 min Scan# 1465
Delta R.T. -0.000 min
Lab File: BN031451.D
Acq: 09 May 2024 19:42

Tgt Ion:152 Resp: 333586

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	13.0	10.5	15.7



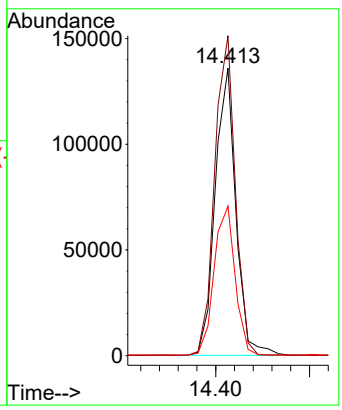


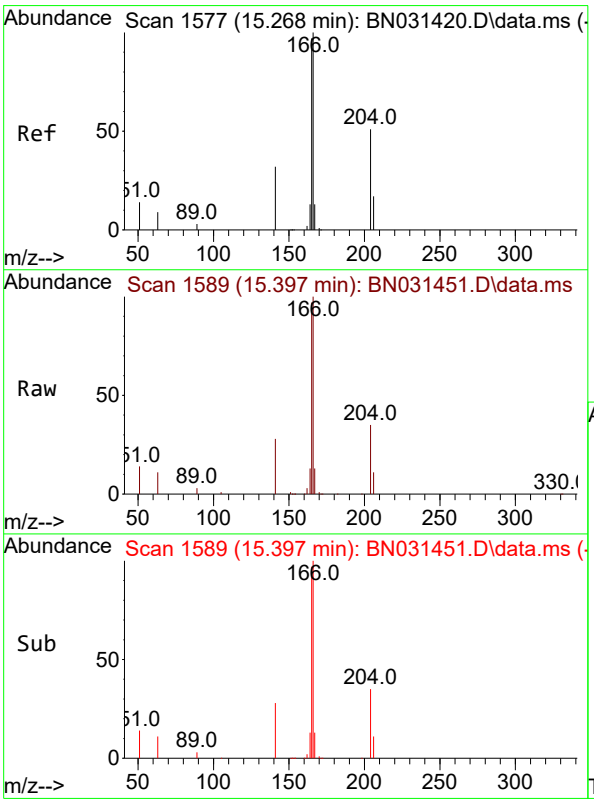
#17
Acenaphthene
Concen: 3.405 ng
RT: 14.413 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN031451.D
Acq: 09 May 2024 19:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:154 Resp: 208488

Ion	Ratio	Lower	Upper
154	100		
153	110.2	89.1	133.7
152	52.5	42.6	64.0

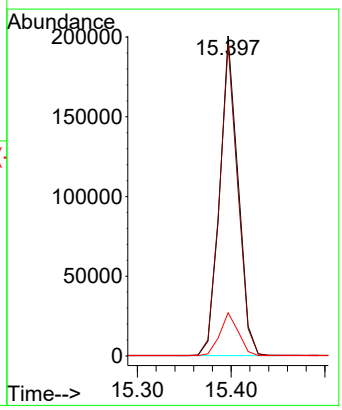


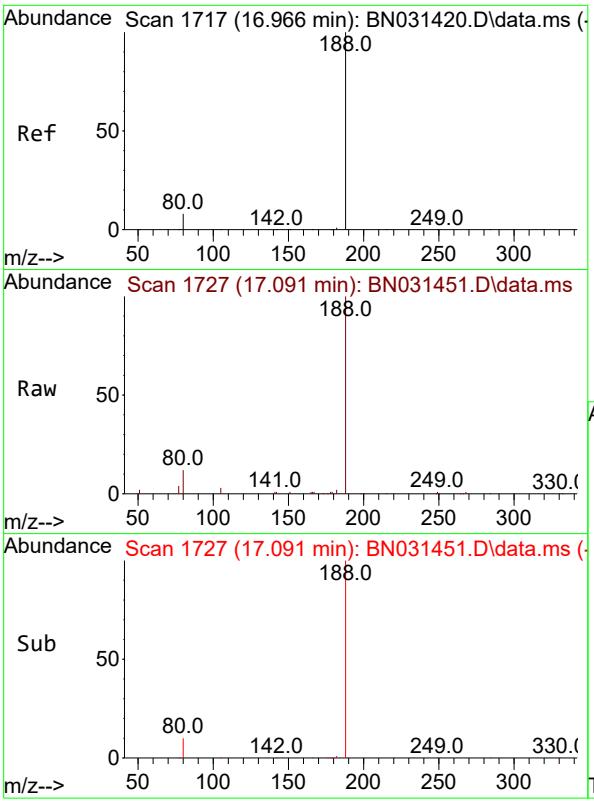


#18
Fluorene
Concen: 3.435 ng
RT: 15.397 min Scan# 1589
Delta R.T. -0.000 min
Lab File: BN031451.D
Acq: 09 May 2024 19:42

Tgt Ion:166 Resp: 272187

Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.2	117.2
167	13.5	10.8	16.2



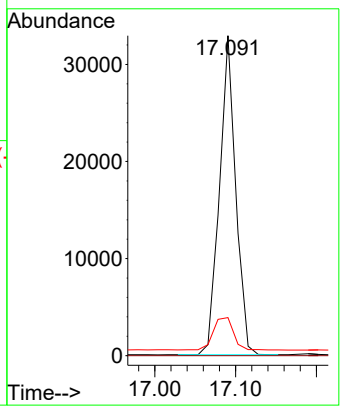


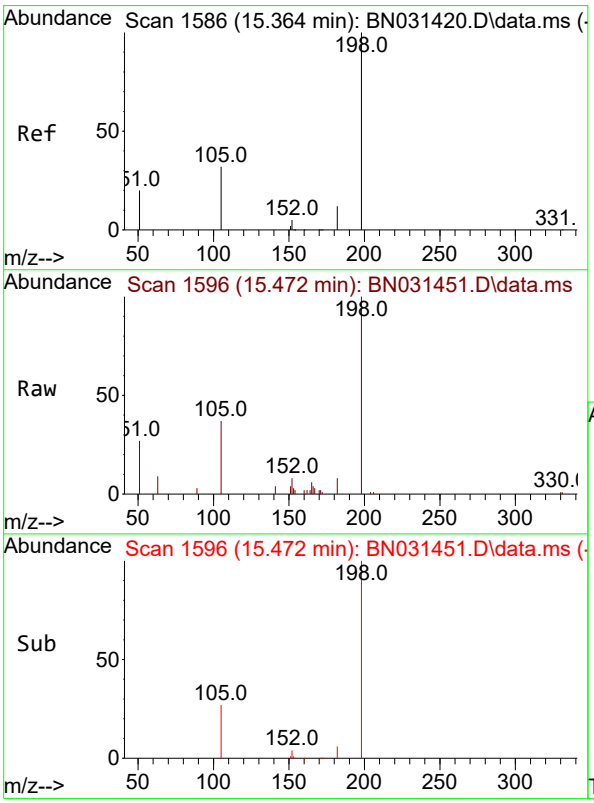
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.091 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN031451.D
Acq: 09 May 2024 19:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:188 Resp: 45994

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.9	9.6	14.4

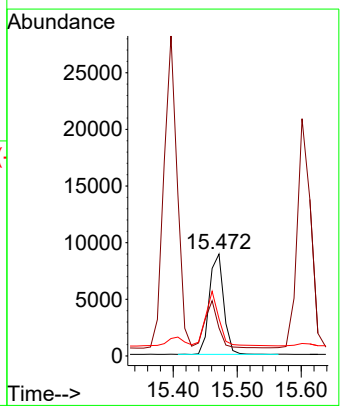


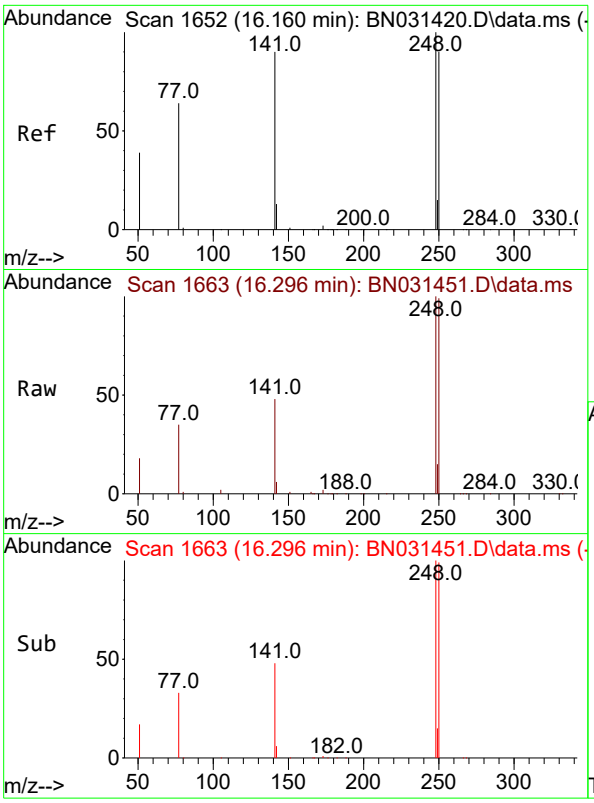


#20
4,6-Dinitro-2-methylphenol
Concen: 1.938 ng
RT: 15.472 min Scan# 1596
Delta R.T. -0.000 min
Lab File: BN031451.D
Acq: 09 May 2024 19:42

Tgt Ion:198 Resp: 14247

Ion	Ratio	Lower	Upper
198	100		
51	27.5	78.3	117.5#
105	36.6	117.2	175.8#



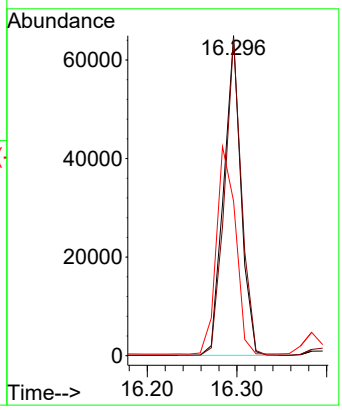


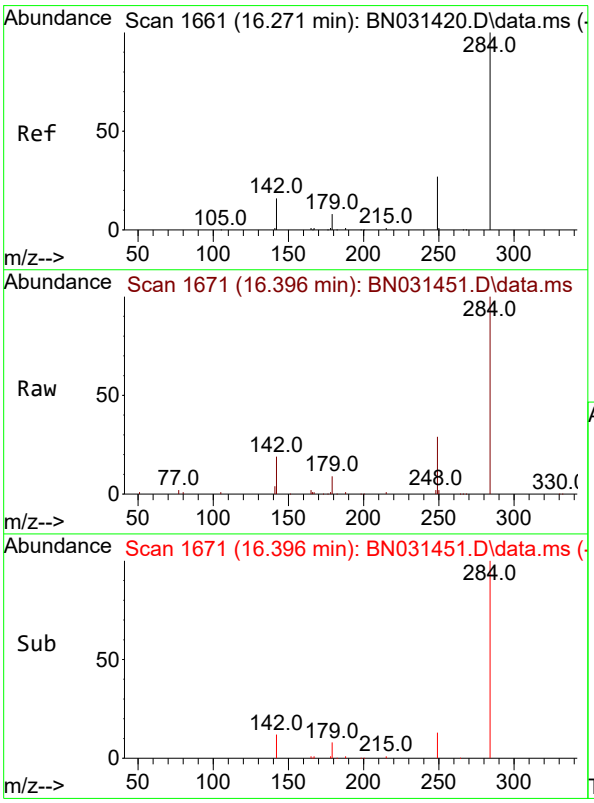
#21
4-Bromophenyl-phenylether
Concen: 3.270 ng
RT: 16.296 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN031451.D
Acq: 09 May 2024 19:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:248 Resp: 86826

Ion	Ratio	Lower	Upper
248	100		
250	99.1	77.9	116.9
141	48.3	43.4	65.2

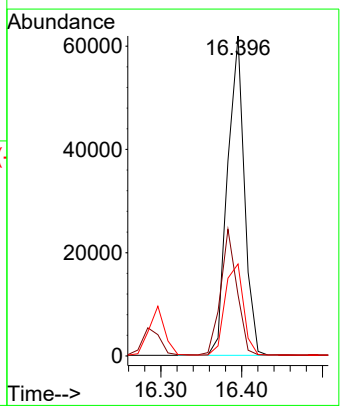


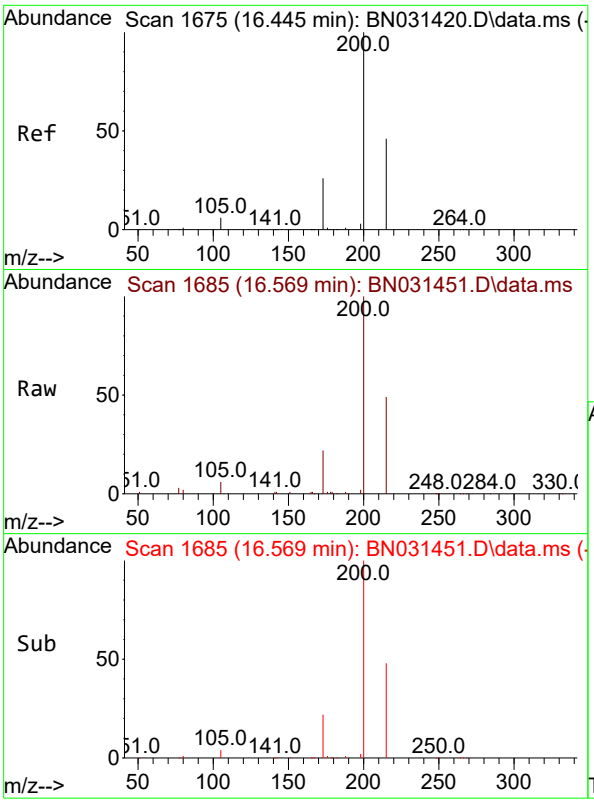


#22
Hexachlorobenzene
Concen: 2.935 ng
RT: 16.396 min Scan# 1671
Delta R.T. -0.000 min
Lab File: BN031451.D
Acq: 09 May 2024 19:42

Tgt Ion:284 Resp: 89229

Ion	Ratio	Lower	Upper
284	100		
142	38.1	31.0	46.6
249	31.6	25.5	38.3



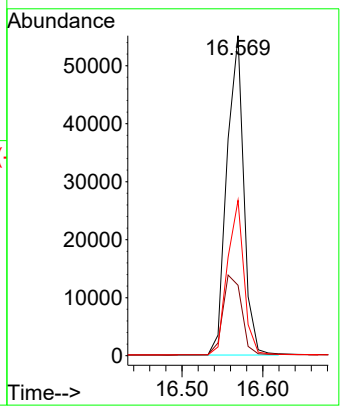


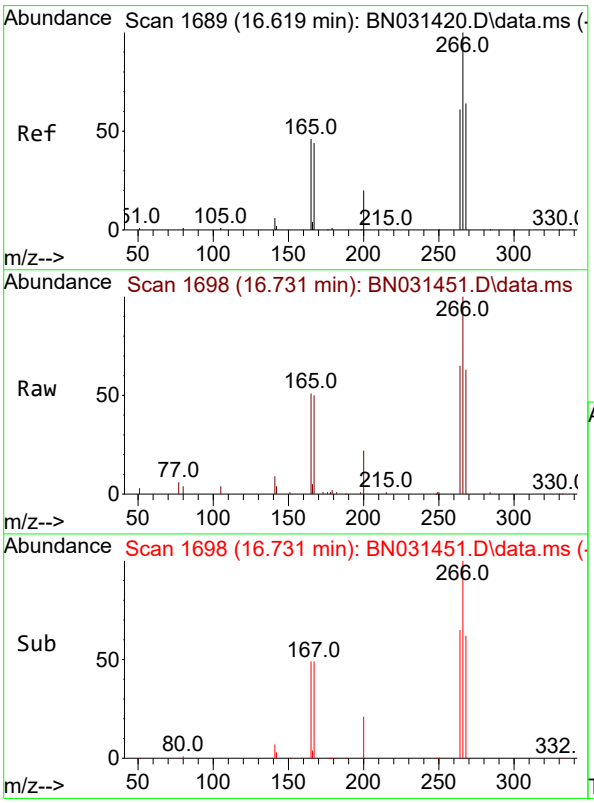
#23
Atrazine
Concen: 3.842 ng
RT: 16.569 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN031451.D
Acq: 09 May 2024 19:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:200 Resp: 80016

Ion	Ratio	Lower	Upper
200	100		
173	22.0	19.6	29.4
215	48.6	39.8	59.8

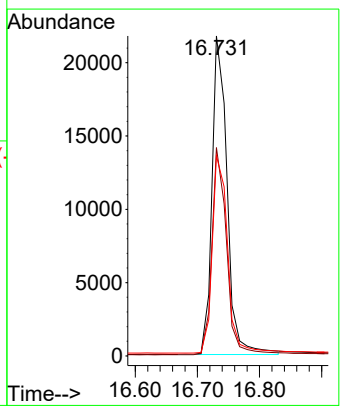


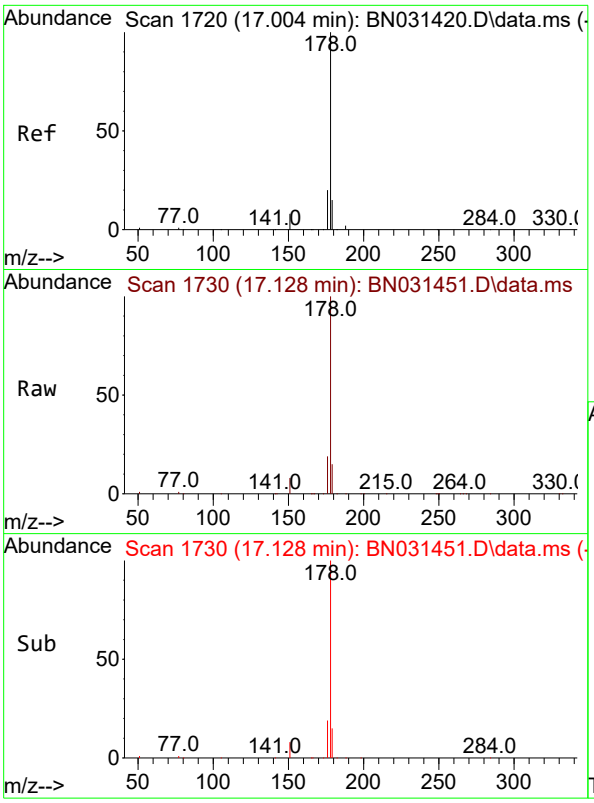


#24
Pentachlorophenol
Concen: 2.929 ng
RT: 16.731 min Scan# 1698
Delta R.T. -0.000 min
Lab File: BN031451.D
Acq: 09 May 2024 19:42

Tgt Ion:266 Resp: 36577

Ion	Ratio	Lower	Upper
266	100		
264	63.0	50.6	75.8
268	63.4	49.0	73.4



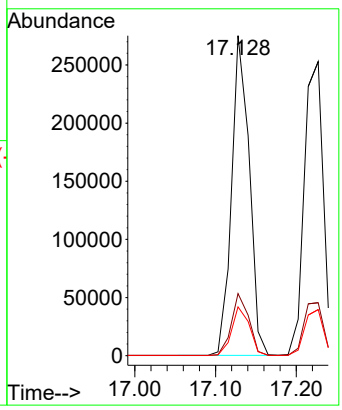


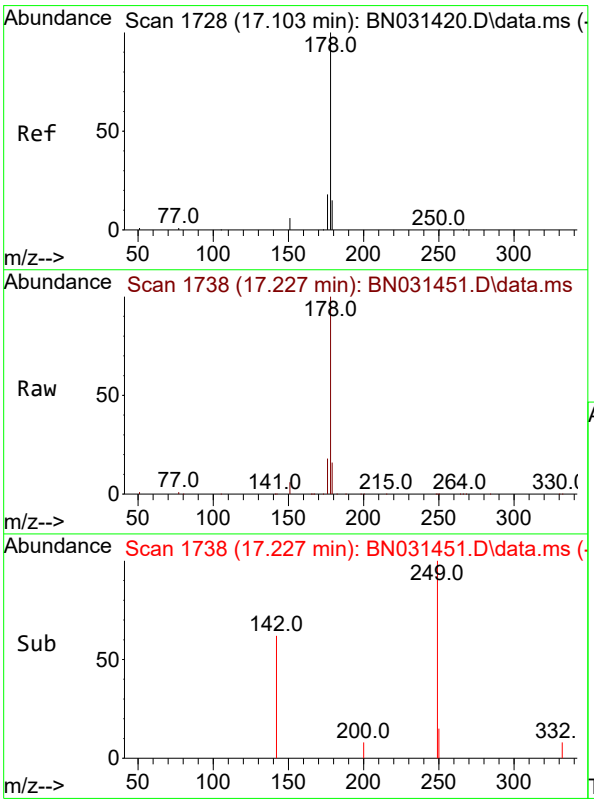
#25
Phenanthrene
Concen: 3.176 ng
RT: 17.128 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN031451.D
Acq: 09 May 2024 19:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:178 Resp: 419112

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.2	12.3	18.5

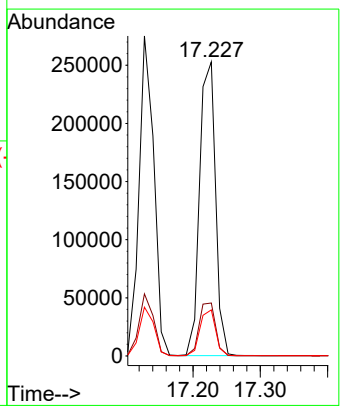


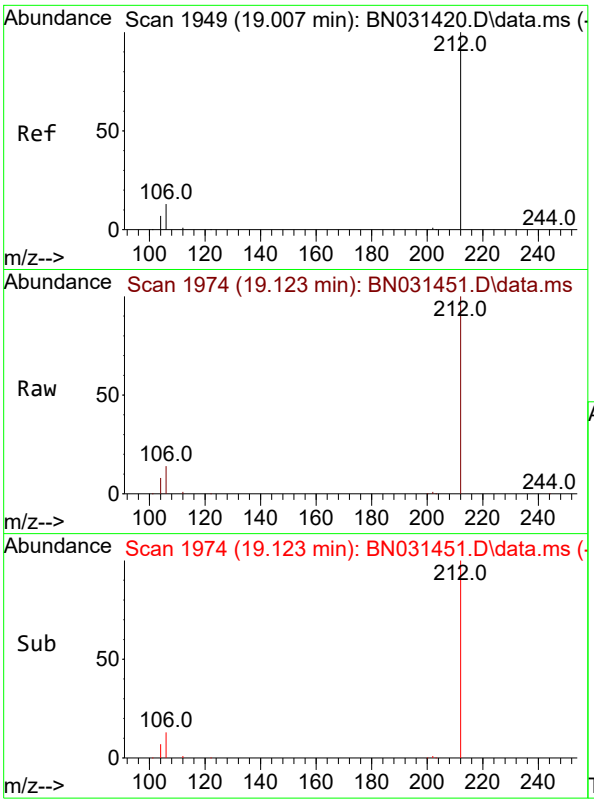


#26
Anthracene
Concen: 3.746 ng
RT: 17.227 min Scan# 1738
Delta R.T. -0.000 min
Lab File: BN031451.D
Acq: 09 May 2024 19:42

Tgt Ion:178 Resp: 415820

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.3	12.4	18.6



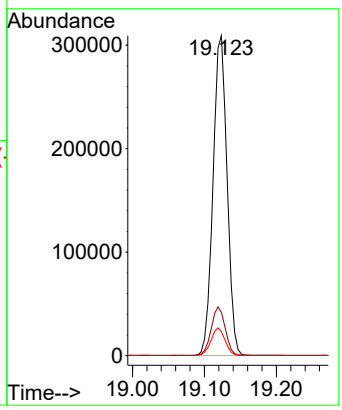


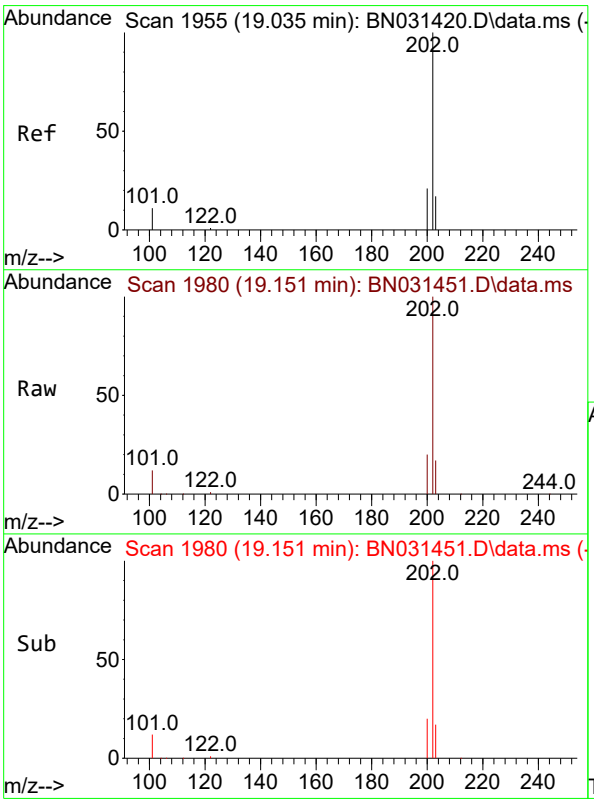
#27
Fluoranthene-d10
Concen: 3.355 ng
RT: 19.123 min Scan# 1
Delta R.T. 0.004 min
Lab File: BN031451.D
Acq: 09 May 2024 19:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:212 Resp: 417502

Ion	Ratio	Lower	Upper
212	100		
106	15.0	12.0	18.0
104	8.5	6.9	10.3

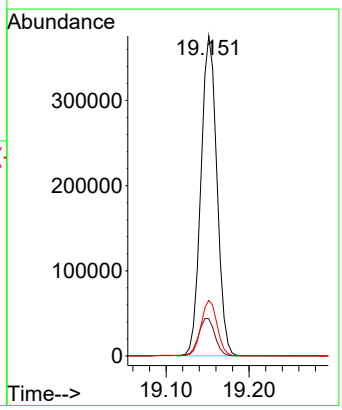


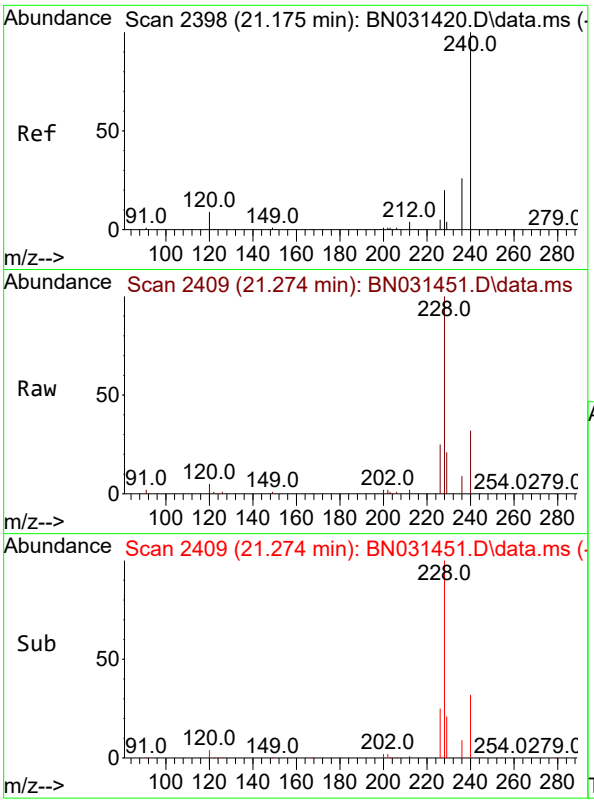


#28
Fluoranthene
Concen: 3.117 ng
RT: 19.151 min Scan# 1980
Delta R.T. -0.000 min
Lab File: BN031451.D
Acq: 09 May 2024 19:42

Tgt Ion:202 Resp: 502489

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.8	14.6
203	17.4	13.8	20.8



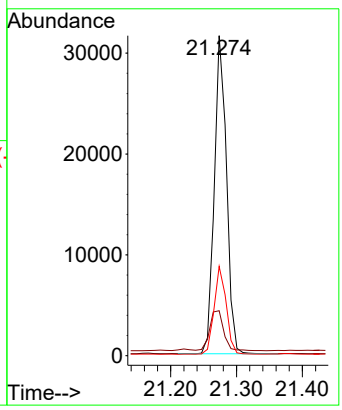


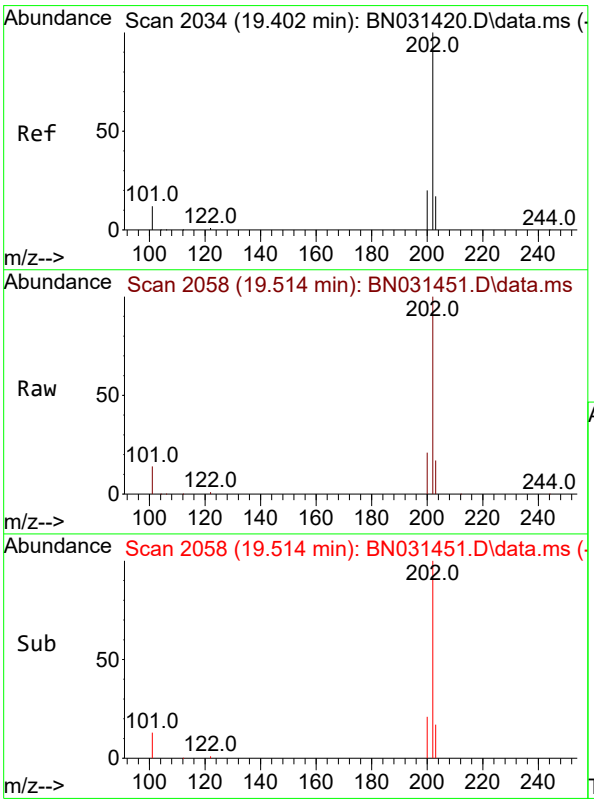
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.274 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN031451.D
Acq: 09 May 2024 19:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:240 Resp: 40551

Ion	Ratio	Lower	Upper
240	100		
120	14.1	11.4	17.2
236	27.9	22.2	33.4

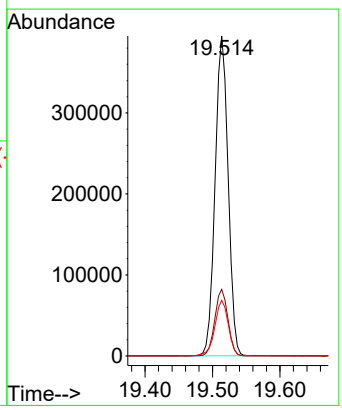


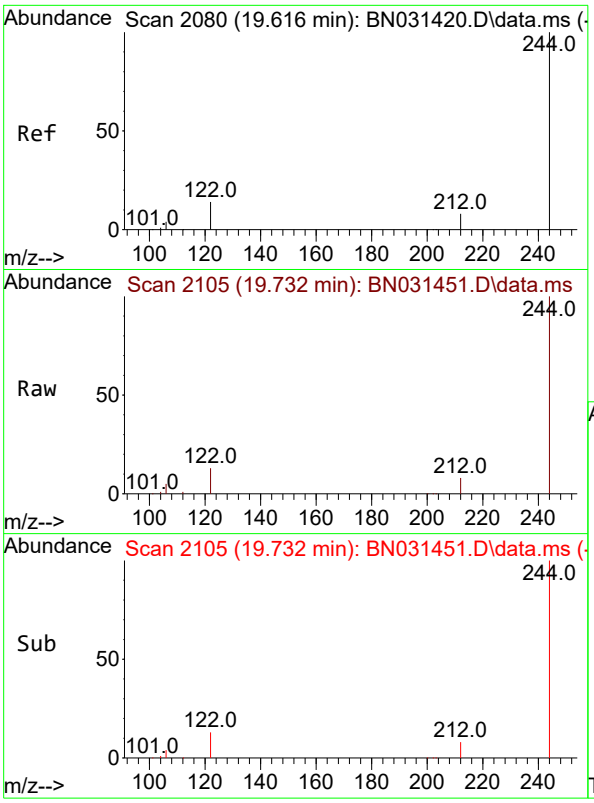


#30
Pyrene
Concen: 3.232 ng
RT: 19.514 min Scan# 2058
Delta R.T. -0.000 min
Lab File: BN031451.D
Acq: 09 May 2024 19:42

Tgt Ion:202 Resp: 528508

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	18.0	14.3	21.5



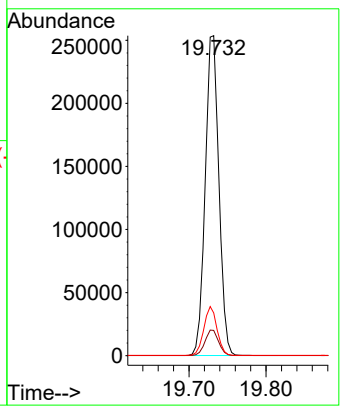


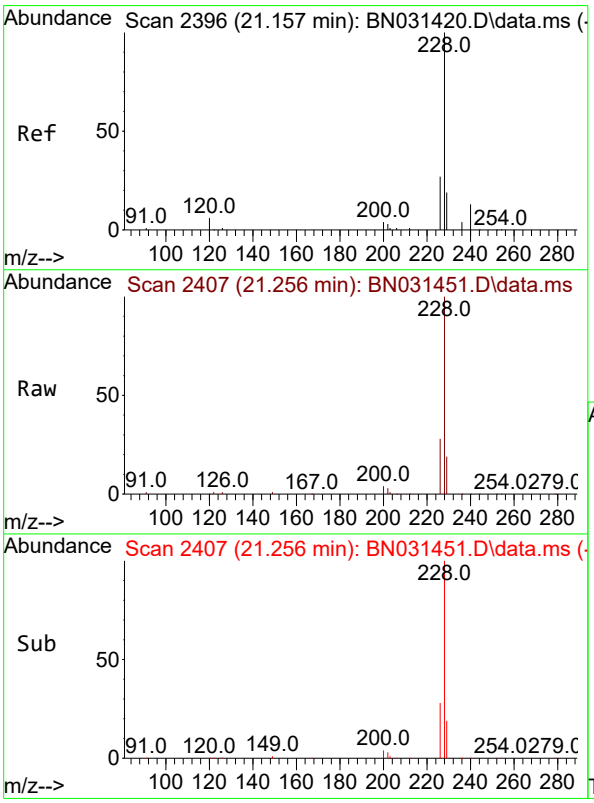
#31
Terphenyl-d14
Concen: 3.036 ng
RT: 19.732 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN031451.D
Acq: 09 May 2024 19:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:244 Resp: 312491

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.5	9.7
122	13.3	11.4	17.2

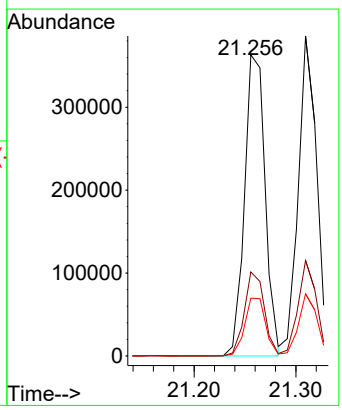


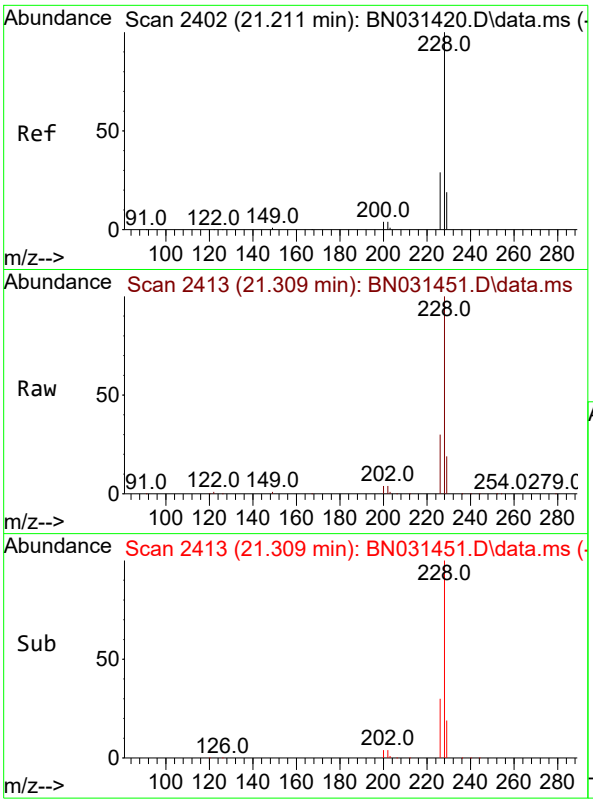


#32
Benzo(a)anthracene
Concen: 3.641 ng
RT: 21.256 min Scan# 2407
Delta R.T. -0.000 min
Lab File: BN031451.D
Acq: 09 May 2024 19:42

Tgt Ion:228 Resp: 509845

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.4	33.6
229	19.2	15.5	23.3



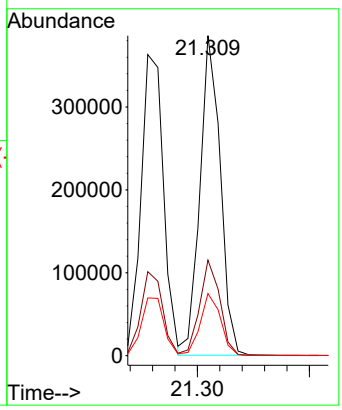


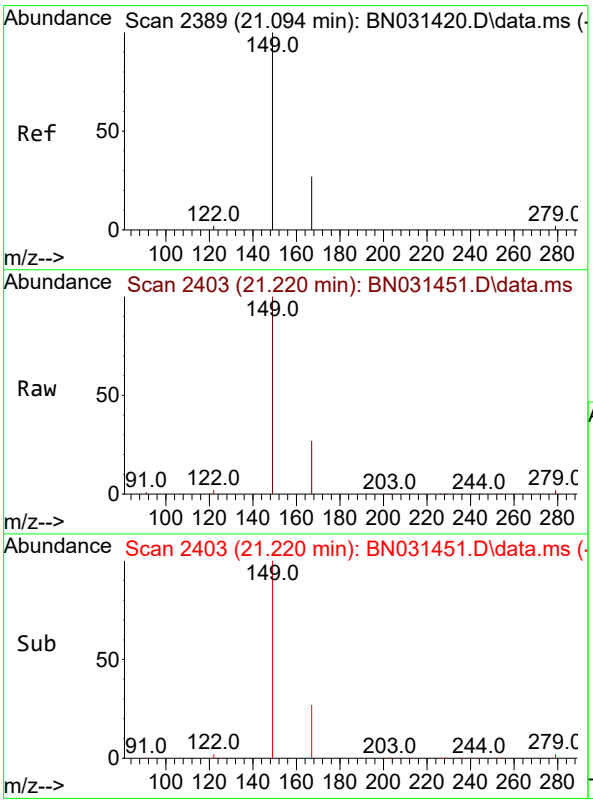
#33
Chrysene
Concen: 3.335 ng
RT: 21.309 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN031451.D
Acq: 09 May 2024 19:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:228 Resp: 486509

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.5	36.7
229	19.4	15.8	23.8

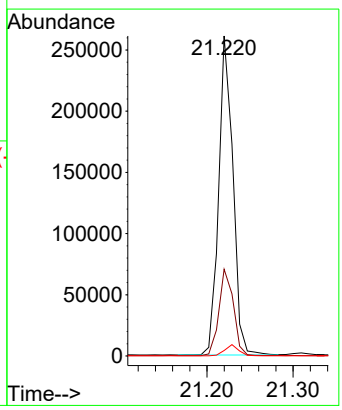


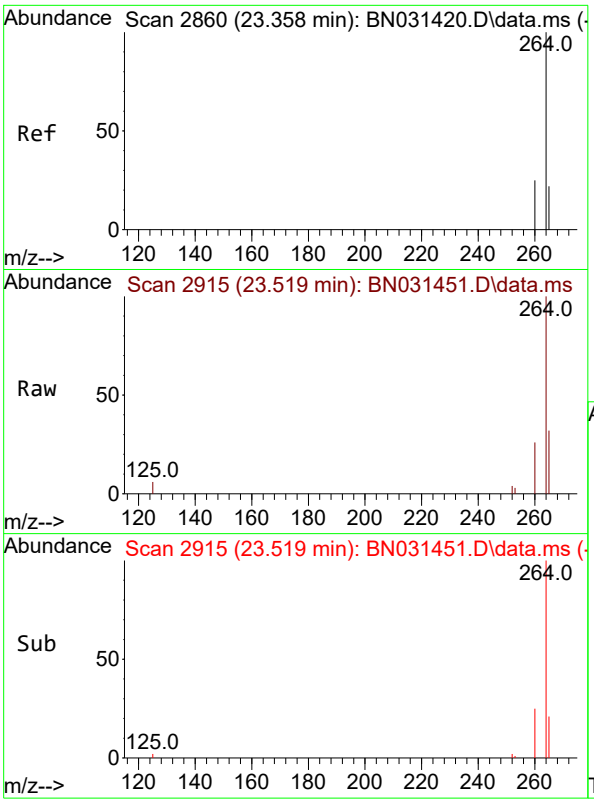


#34
Bis(2-ethylhexyl)phthalate
Concen: 4.031 ng
RT: 21.220 min Scan# 2403
Delta R.T. -0.000 min
Lab File: BN031451.D
Acq: 09 May 2024 19:42

Tgt Ion:149 Resp: 298151

Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.1	33.1
279	3.3	2.7	4.1



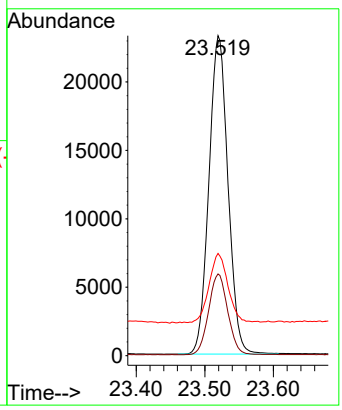


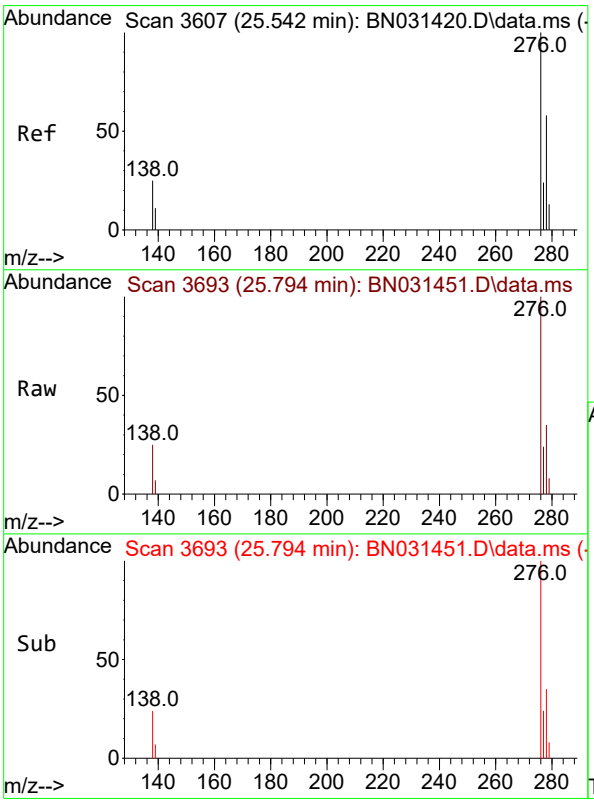
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.519 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN031451.D
Acq: 09 May 2024 19:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:264 Resp: 44948

Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.6	31.0
265	31.9	24.0	36.0

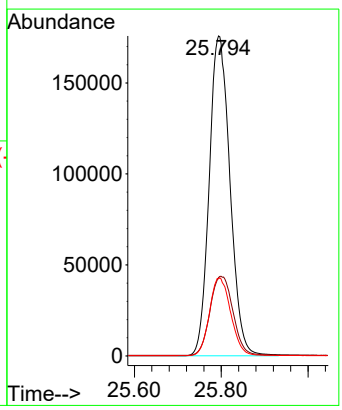


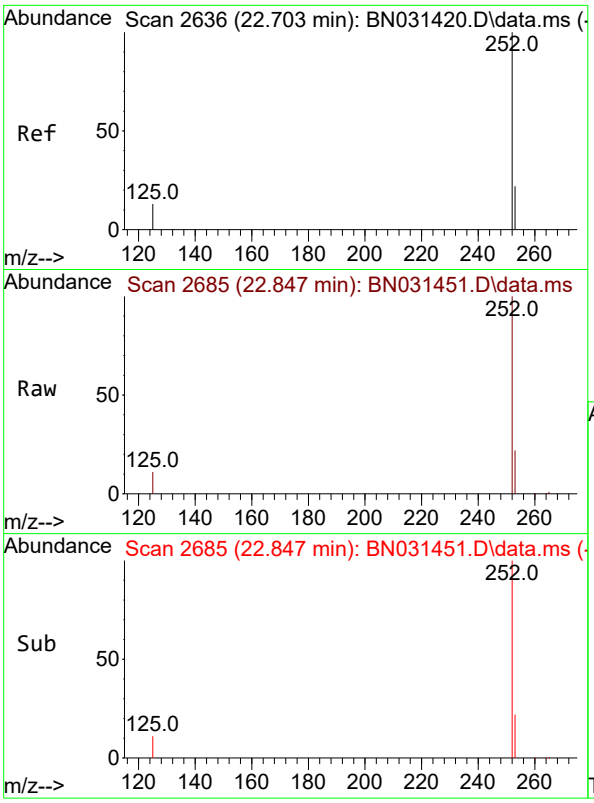


#36
Indeno(1,2,3-cd)pyrene
Concen: 3.214 ng
RT: 25.794 min Scan# 3693
Delta R.T. -0.000 min
Lab File: BN031451.D
Acq: 09 May 2024 19:42

Tgt Ion:276 Resp: 583681

Ion	Ratio	Lower	Upper
276	100		
138	27.3	23.0	34.6
277	25.0	19.9	29.9



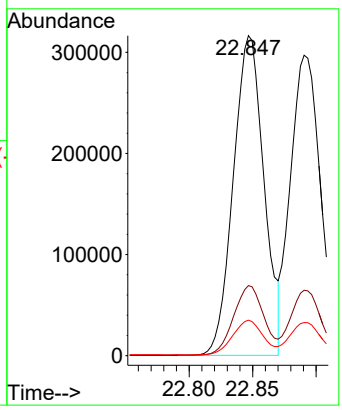


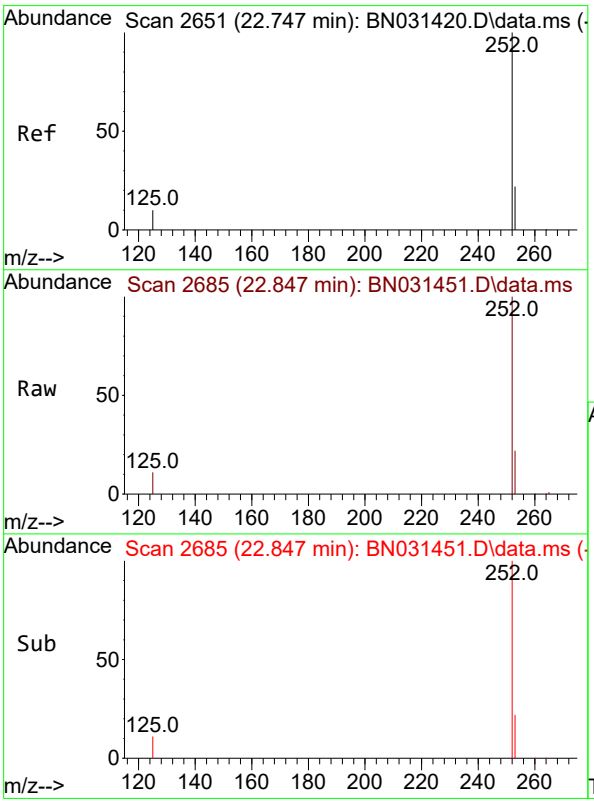
#37
Benzo(b)fluoranthene
Concen: 3.007 ng
RT: 22.847 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN031451.D
Acq: 09 May 2024 19:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 530111

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.4
125	11.1	10.5	15.7

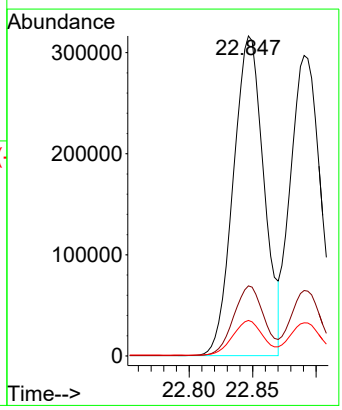


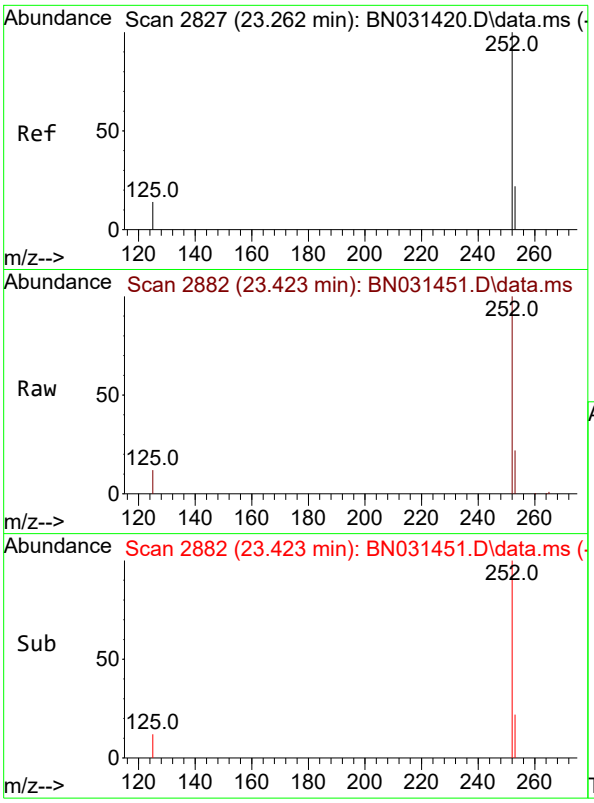


#38
Benzo(k)fluoranthene
Concen: 3.065 ng
RT: 22.847 min Scan# 2685
Delta R.T. -0.044 min
Lab File: BN031451.D
Acq: 09 May 2024 19:42

Tgt Ion:252 Resp: 530111

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.2
125	11.1	11.0	16.6



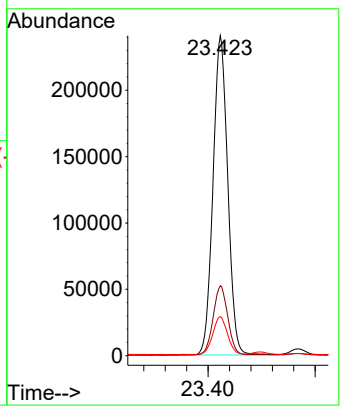


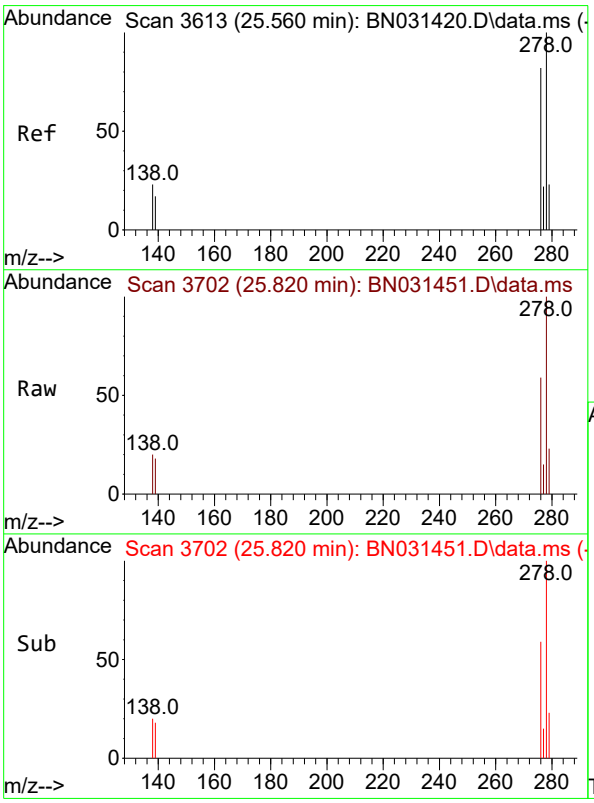
#39
Benzo(a)pyrene
Concen: 3.108 ng
RT: 23.423 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN031451.D
Acq: 09 May 2024 19:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 459759

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.2
125	12.2	11.9	17.9

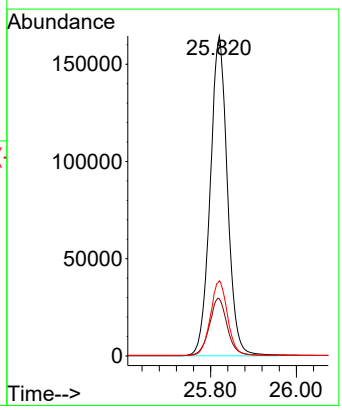


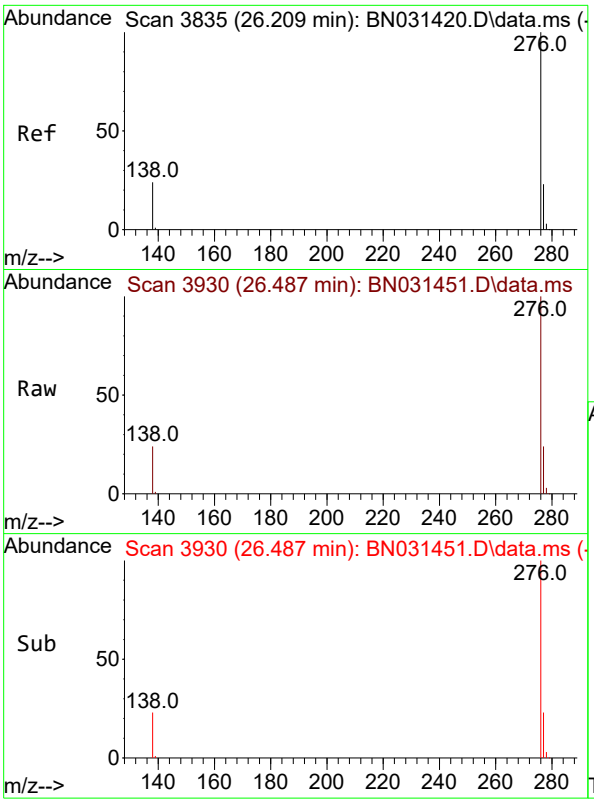


#40
Dibenzo(a,h)anthracene
Concen: 3.209 ng
RT: 25.820 min Scan# 3702
Delta R.T. -0.000 min
Lab File: BN031451.D
Acq: 09 May 2024 19:42

Tgt Ion:278 Resp: 459288

Ion	Ratio	Lower	Upper
278	100		
139	17.8	15.9	23.9
279	23.5	19.8	29.8





#41
Benzo(g,h,i)perylene
Concen: 3.422 ng
RT: 26.487 min Scan# 3
Delta R.T. 0.003 min
Lab File: BN031451.D
Acq: 09 May 2024 19:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 496811

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.4	29.0
138	23.5	20.4	30.6