Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112322\
Data File : BN022851.D
Acq On : 23 Nov 2022 17:53
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: Nov 24 03:19:03 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 24 03:17:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.078	152	3605	0.400	ng		0.00
7) Naphthalene-d8	10.893	136	9990	0.400	ng		0.00
13) Acenaphthene-d10	14.709	164	6413	0.400	ng		0.00
19) Phenanthrene-d10	17.452	188	14281	0.400	ng		0.00
29) Chrysene-d12	21.643	240	12423	0.400	ng		0.00
35) Perylene-d12	24.135	264	11993	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.608	112	8520	0.767	ng		0.00
5) Phenol-d6	7.219	99	10898	0.790	ng		0.00
8) Nitrobenzene-d5	9.238	82	5825	0.571	ng		0.00
11) 2-Methylnaphthalene-d10	12.480	152	18739	1.130	ng		0.00
14) 2,4,6-Tribromophenol	16.198	330	2800	0.786	ng		0.00
15) 2-Fluorobiphenyl	13.351	172	21634	0.840	ng		0.00
27) Fluoranthene-d10	19.486	212	32533	0.784	ng		0.00
31) Terphenyl-d14	20.085	244	21845	0.577	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.449	88	3774	0.745	ng		98
3) n-Nitrosodimethylamine	3.774	42	4331	0.745	ng	#	95
6) bis(2-Chloroethyl)ether	7.493	93	10213	0.862	ng		98
9) Naphthalene	10.947	128	24360	0.592	ng		98
10) Hexachlorobutadiene	11.246	225	4993	0.925	ng	#	100
12) 2-Methylnaphthalene	12.163	142	5868	0.839	ng	#	87
16) Acenaphthylene	14.431	152	28025	0.921	ng		100
17) Acenaphthene	14.773	154	17352	0.850	ng		99
18) Fluorene	15.751	166	22356	0.739	ng		99
20) 4,6-Dinitro-2-methylph...	15.826	198	941	0.336	ng	#	53
21) 4-Bromophenyl-phenylether	16.645	248	8172	0.962	ng		98
22) Hexachlorobenzene	16.757	284	9537	1.012	ng		100
23) Atrazine	16.918	200	6328	0.780	ng		97
24) Pentachlorophenol	17.104	266	2809	0.650	ng		99
25) Phenanthrene	17.501	178	37512	0.757	ng		100
26) Anthracene	17.588	178	35455	0.861	ng		100
28) Fluoranthene	19.515	202	42885	0.823	ng		100
30) Pyrene	19.878	202	43803	0.842	ng		100
32) Benzo(a)anthracene	21.625	228	39861	0.837	ng		99
33) Chrysene	21.679	228	38970	0.826	ng		100
34) Bis(2-ethylhexyl)phtha...	21.563	149	22337	0.642	ng		99
36) Indeno(1,2,3-cd)pyrene	26.752	276	42911	0.839	ng		100
37) Benzo(b)fluoranthene	23.372	252	38358	0.805	ng		97
38) Benzo(k)fluoranthene	23.422	252	38926	0.804	ng		98
39) Benzo(a)pyrene	24.024	252	31336	0.803	ng		96
40) Dibenzo(a,h)anthracene	26.778	278	33742	0.824	ng		98
41) Benzo(g,h,i)perylene	27.553	276	35666	0.841	ng		98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112322\
Data File : BN022851.D
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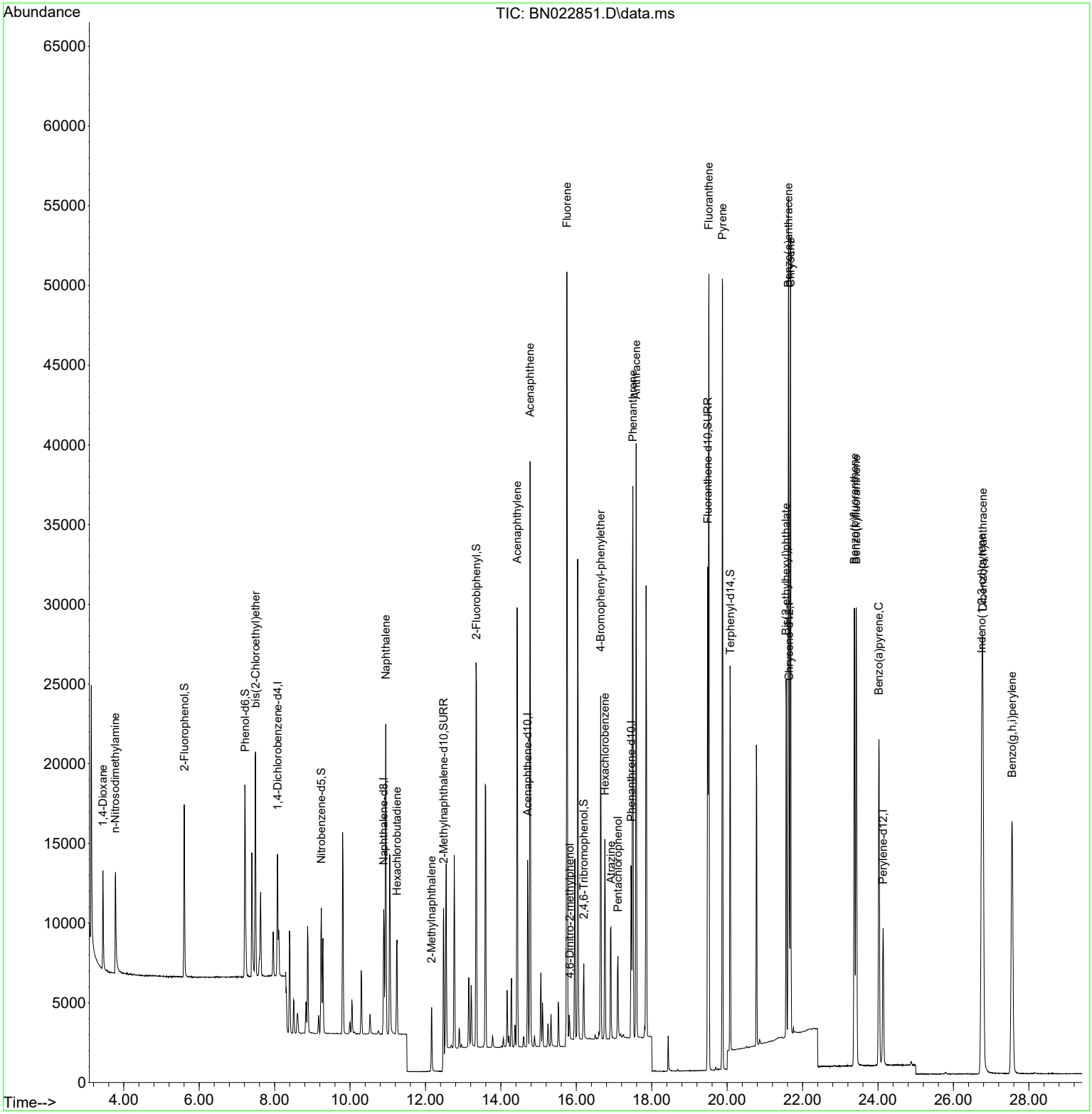
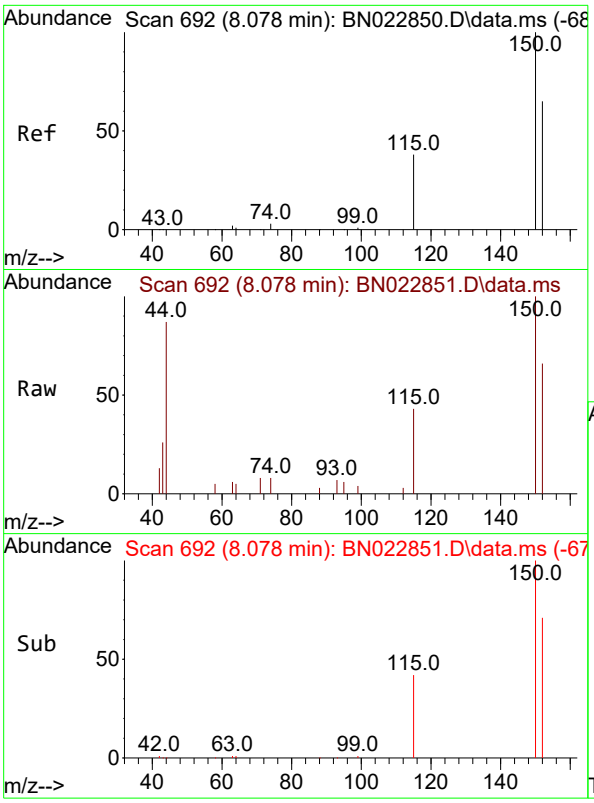
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: Nov 24 03:19:03 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 24 03:17:21 2022
Response via : Initial Calibration



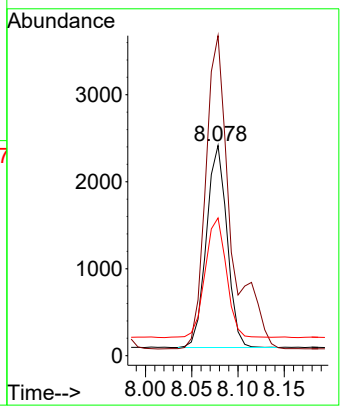


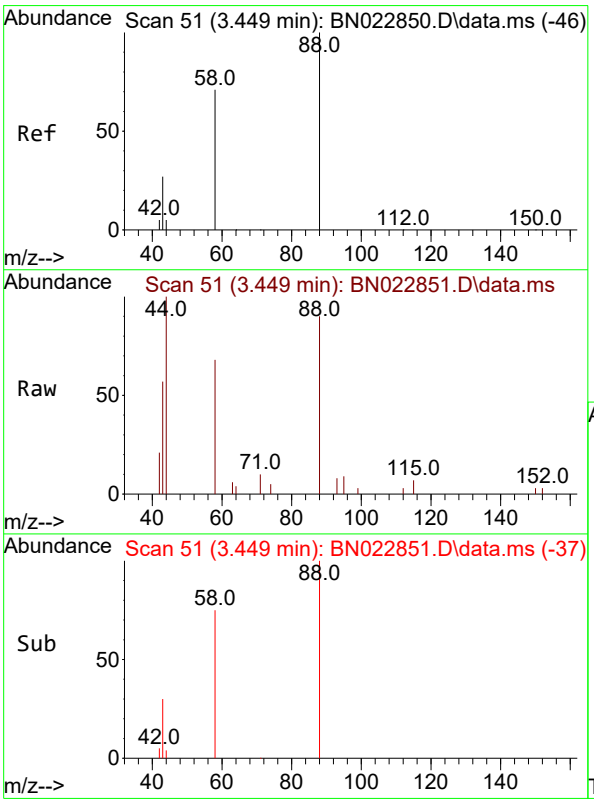
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.078 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN022851.D
Acq: 23 Nov 2022 17:53

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 3605

Ion	Ratio	Lower	Upper
152	100		
150	152.2	120.4	180.6
115	65.5	53.8	80.8

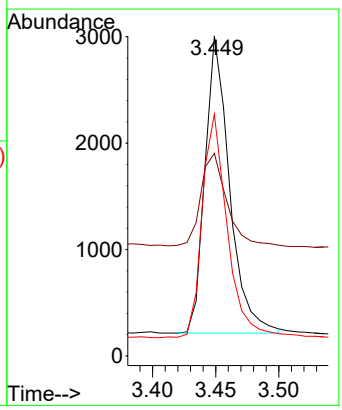


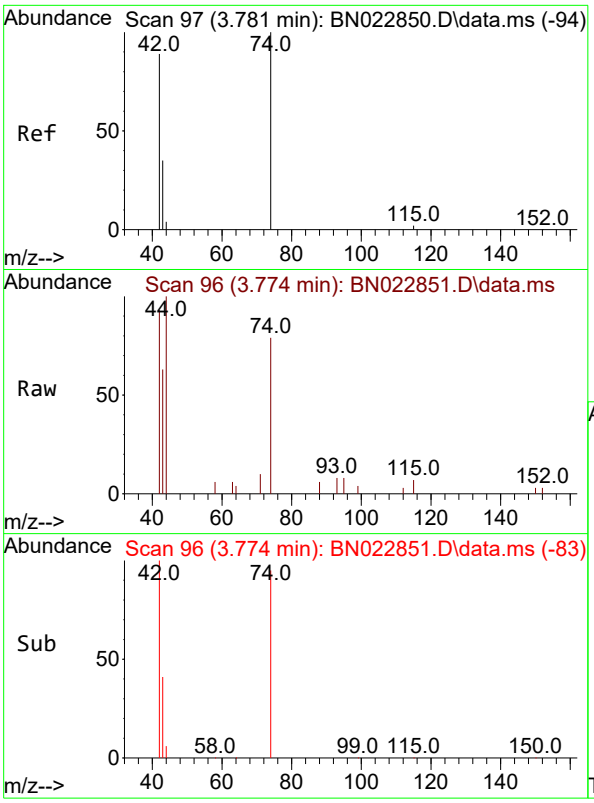


#2
1,4-Dioxane
Concen: 0.745 ng
RT: 3.449 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN022851.D
Acq: 23 Nov 2022 17:53

Tgt Ion: 88 Resp: 3774

Ion	Ratio	Lower	Upper
88	100		
43	32.6	27.8	41.8
58	76.8	61.1	91.7



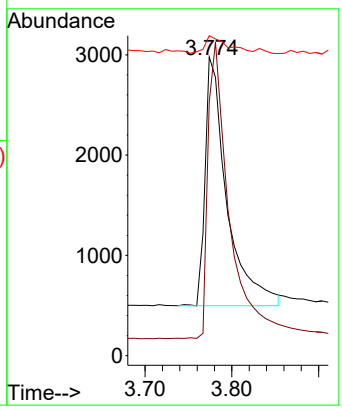


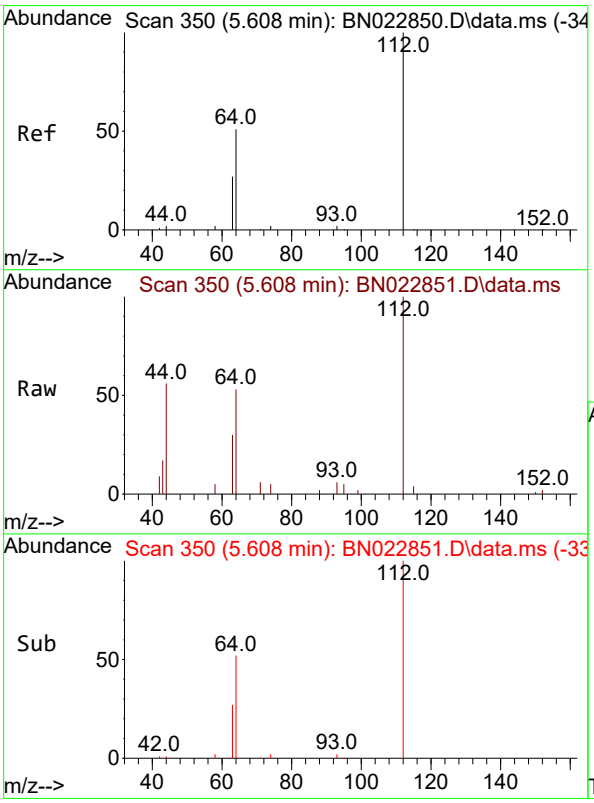
#3
n-Nitrosodimethylamine
Concen: 0.745 ng
RT: 3.774 min Scan# 9
Delta R.T. -0.007 min
Lab File: BN022851.D
Acq: 23 Nov 2022 17:53

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion: 42 Resp: 4331

Ion	Ratio	Lower	Upper
42	100		
74	116.4	89.9	134.9
44	7.2	10.5	15.7#

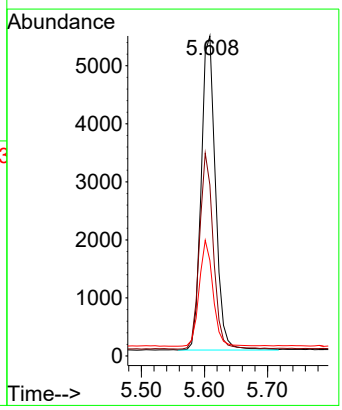


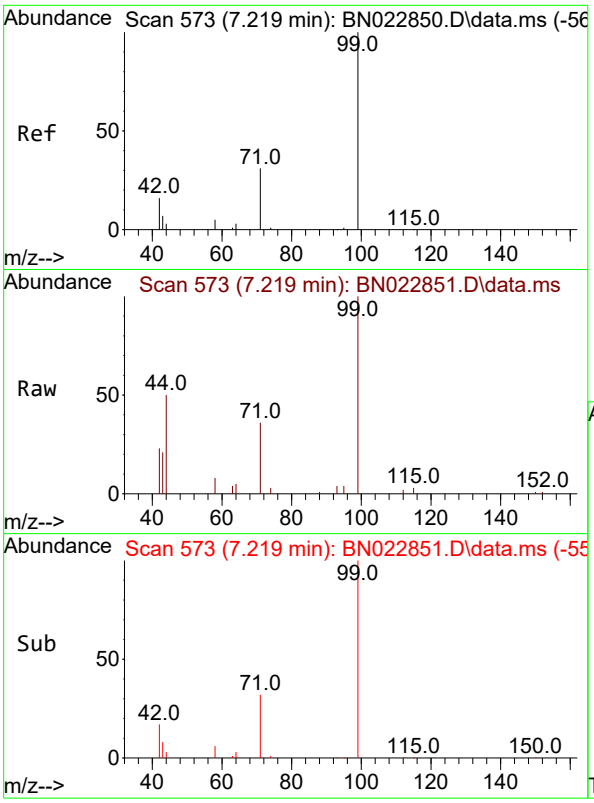


#4
2-Fluorophenol
Concen: 0.767 ng
RT: 5.608 min Scan# 350
Delta R.T. 0.000 min
Lab File: BN022851.D
Acq: 23 Nov 2022 17:53

Tgt Ion:112 Resp: 8520

Ion	Ratio	Lower	Upper
112	100		
64	60.3	47.9	71.9
63	32.5	25.1	37.7



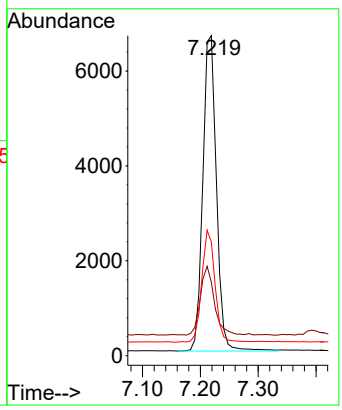


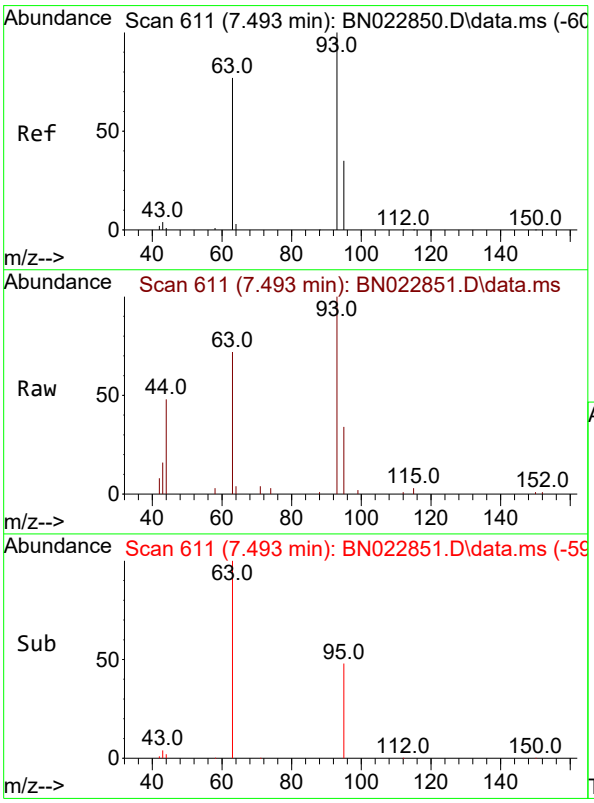
#5
Phenol-d6
Concen: 0.790 ng
RT: 7.219 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN022851.D
Acq: 23 Nov 2022 17:53

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion: 99 Resp: 10898

Ion	Ratio	Lower	Upper
99	100		
42	22.1	19.0	28.6
71	34.6	27.4	41.0

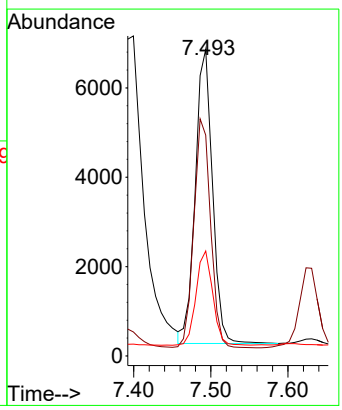


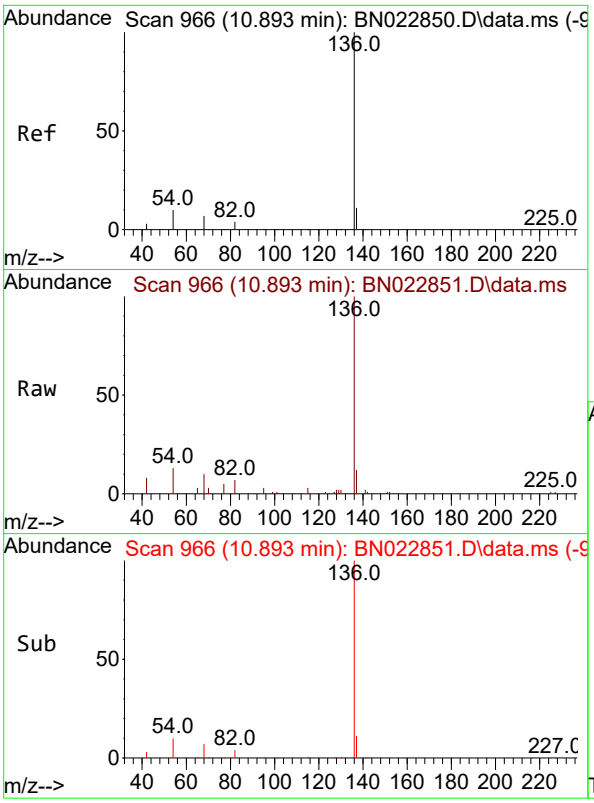


#6
bis(2-Chloroethyl)ether
Concen: 0.862 ng
RT: 7.493 min Scan# 611
Delta R.T. 0.000 min
Lab File: BN022851.D
Acq: 23 Nov 2022 17:53

Tgt Ion: 93 Resp: 10213

Ion	Ratio	Lower	Upper
93	100		
63	76.0	59.0	88.6
95	31.0	24.3	36.5



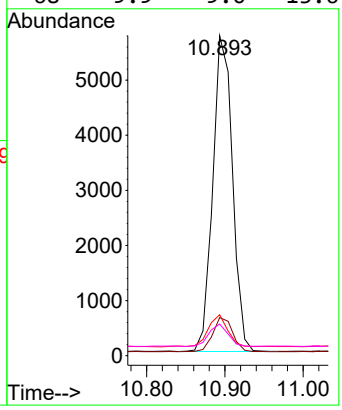


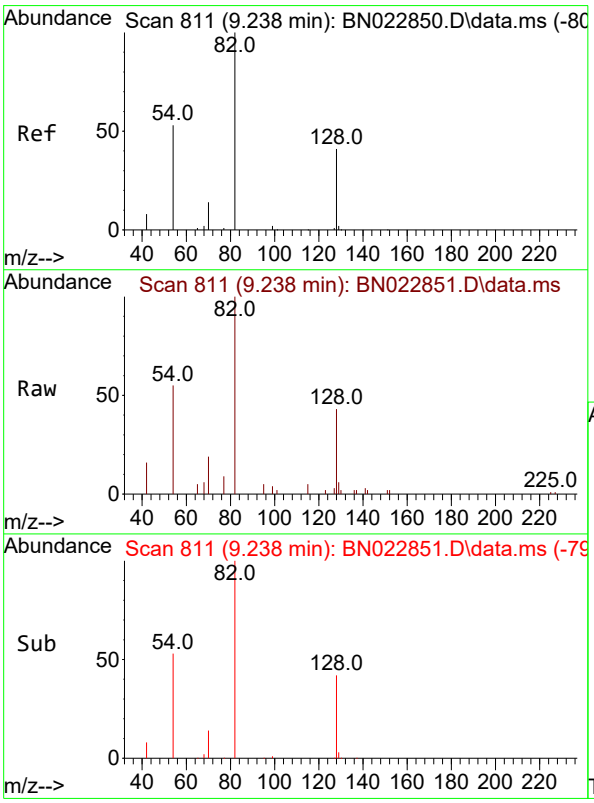
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.893 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN022851.D
Acq: 23 Nov 2022 17:53

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:136 Resp: 9990

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.8	14.6
54	12.8	11.1	16.7
68	9.9	9.0	13.6

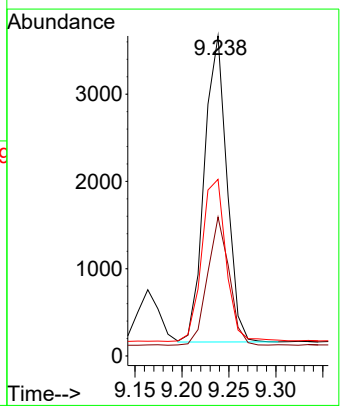


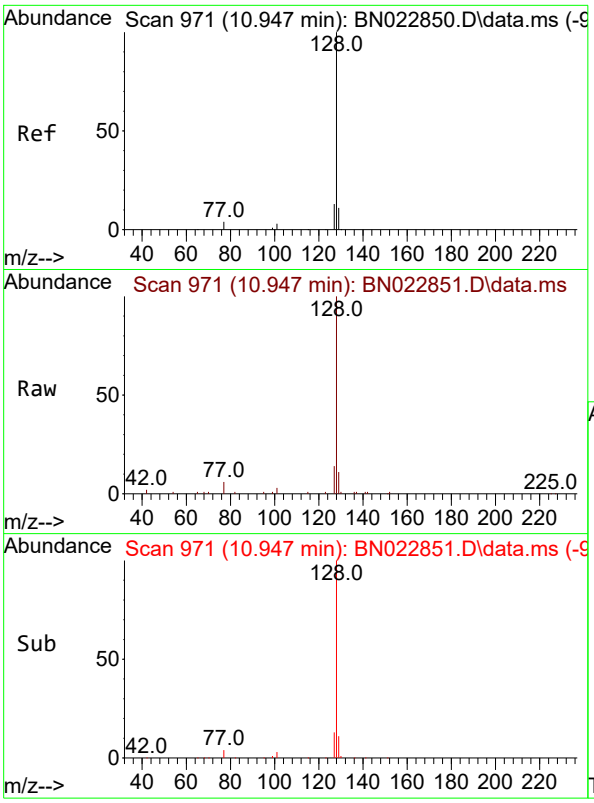


#8
Nitrobenzene-d5
Concen: 0.571 ng
RT: 9.238 min Scan# 811
Delta R.T. 0.000 min
Lab File: BN022851.D
Acq: 23 Nov 2022 17:53

Tgt Ion: 82 Resp: 5825

Ion	Ratio	Lower	Upper
82	100		
128	43.4	35.8	53.8
54	55.2	46.6	70.0



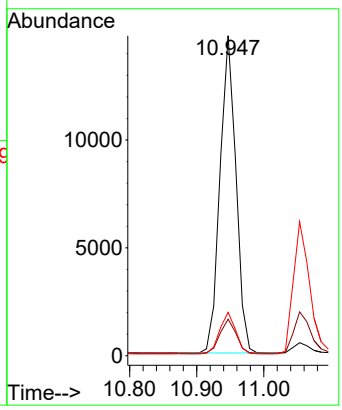


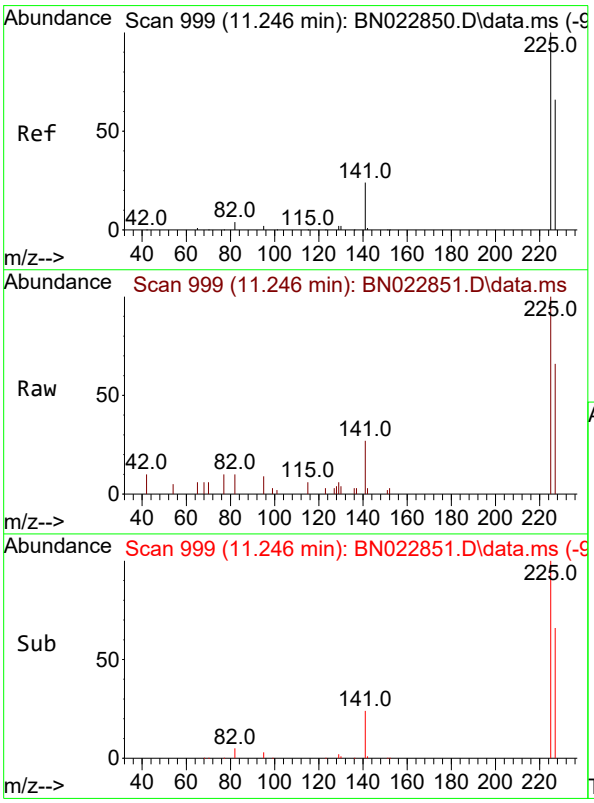
#9
Naphthalene
Concen: 0.592 ng
RT: 10.947 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN022851.D
Acq: 23 Nov 2022 17:53

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:128 Resp: 24360

Ion	Ratio	Lower	Upper
128	100		
129	11.4	10.1	15.1
127	13.5	11.4	17.0

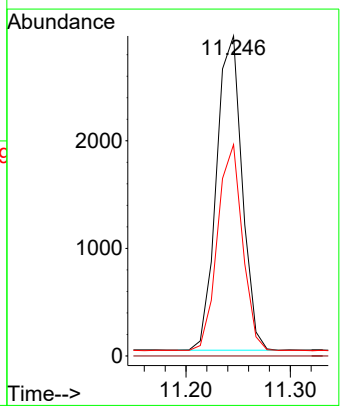


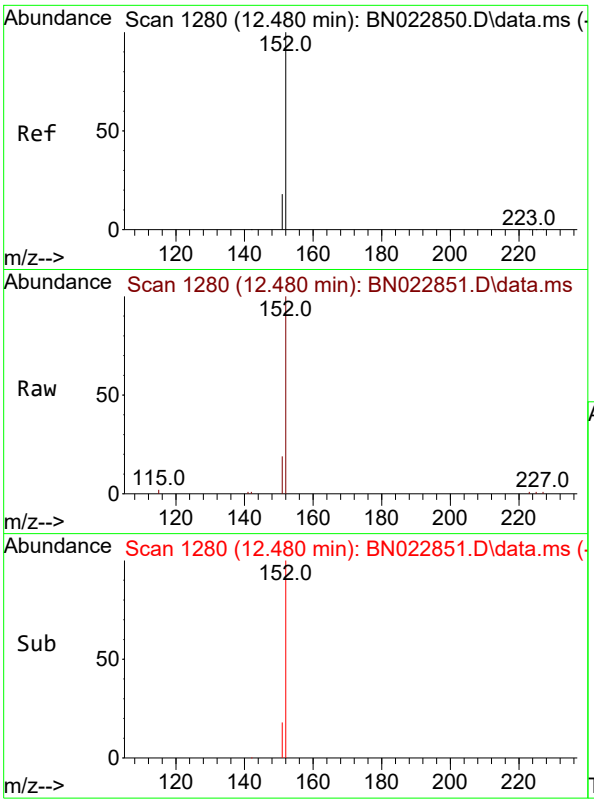


#10
Hexachlorobutadiene
Concen: 0.925 ng
RT: 11.246 min Scan# 999
Delta R.T. 0.000 min
Lab File: BN022851.D
Acq: 23 Nov 2022 17:53

Tgt Ion:225 Resp: 4993

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.6	50.9	76.3



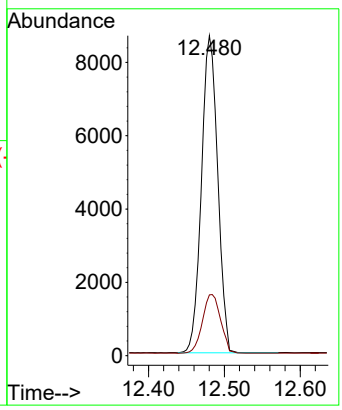


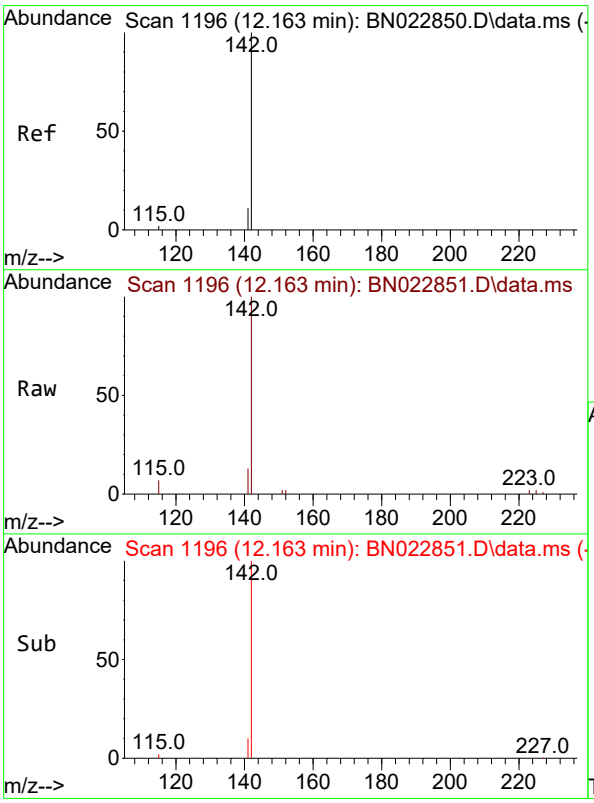
#11
2-Methylnaphthalene-d10
Concen: 1.130 ng
RT: 12.480 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022851.D
Acq: 23 Nov 2022 17:53

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 18739

Ion	Ratio	Lower	Upper
152	100		
151	20.5	18.6	27.8

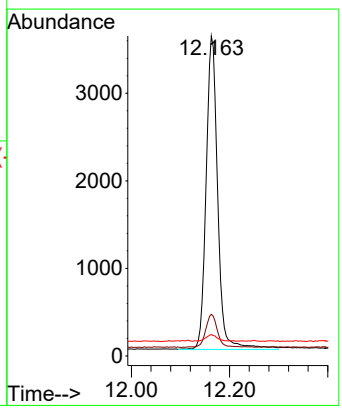


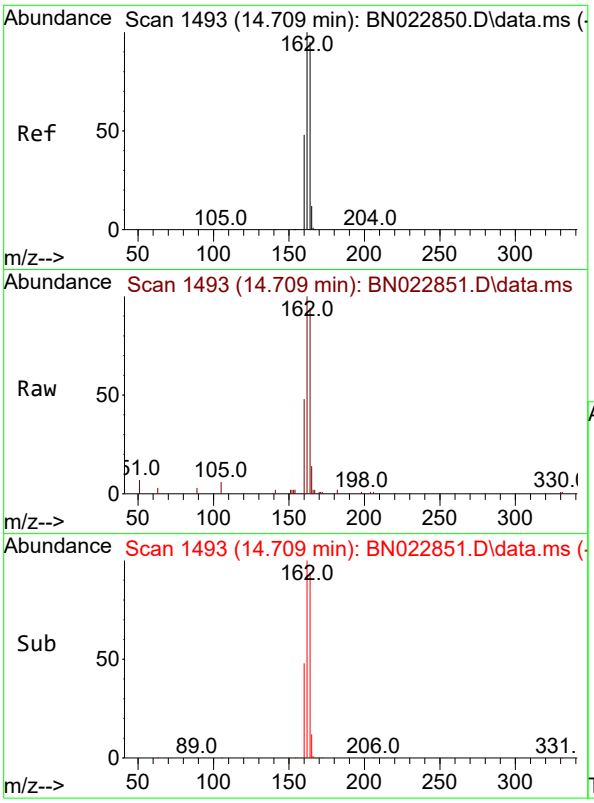


#12
2-Methylnaphthalene
Concen: 0.839 ng
RT: 12.163 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BN022851.D
Acq: 23 Nov 2022 17:53

Tgt Ion:142 Resp: 5868

Ion	Ratio	Lower	Upper
142	100		
141	13.0	13.7	20.5#
115	6.7	10.6	16.0#



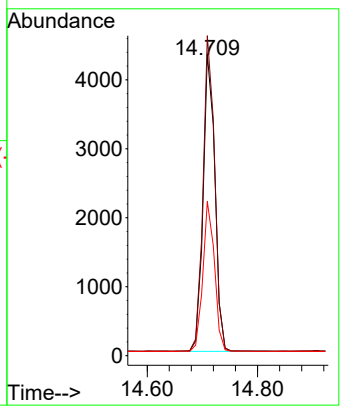


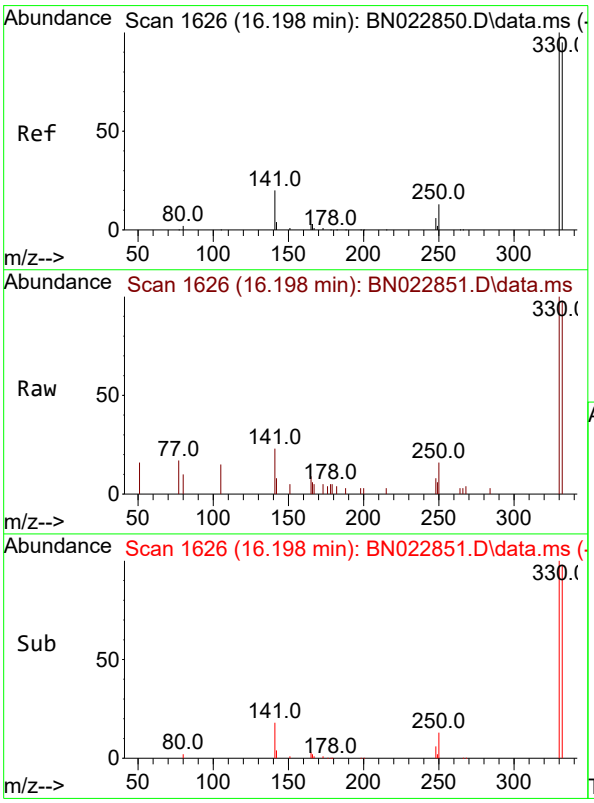
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.709 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN022851.D
Acq: 23 Nov 2022 17:53

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:164 Resp: 6413

Ion	Ratio	Lower	Upper
164	100		
162	106.2	84.2	126.4
160	51.2	41.6	62.4

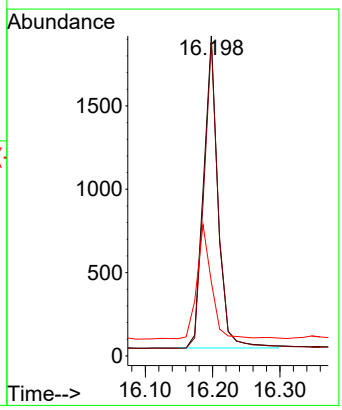


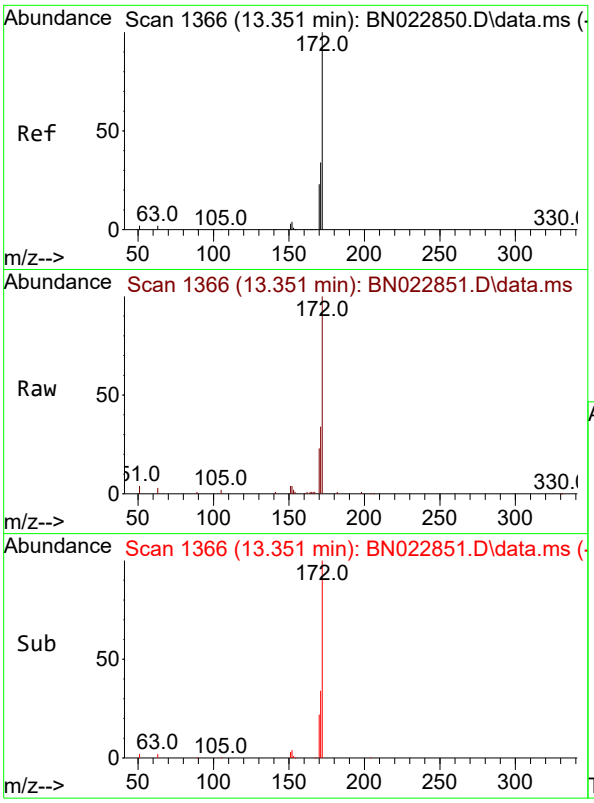


#14
2,4,6-Tribromophenol
Concen: 0.786 ng
RT: 16.198 min Scan# 1626
Delta R.T. 0.000 min
Lab File: BN022851.D
Acq: 23 Nov 2022 17:53

Tgt Ion:330 Resp: 2800

Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.4	116.2
141	36.4	29.3	43.9



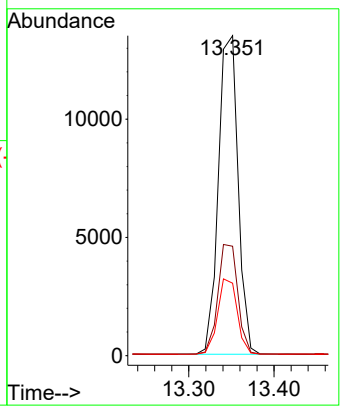


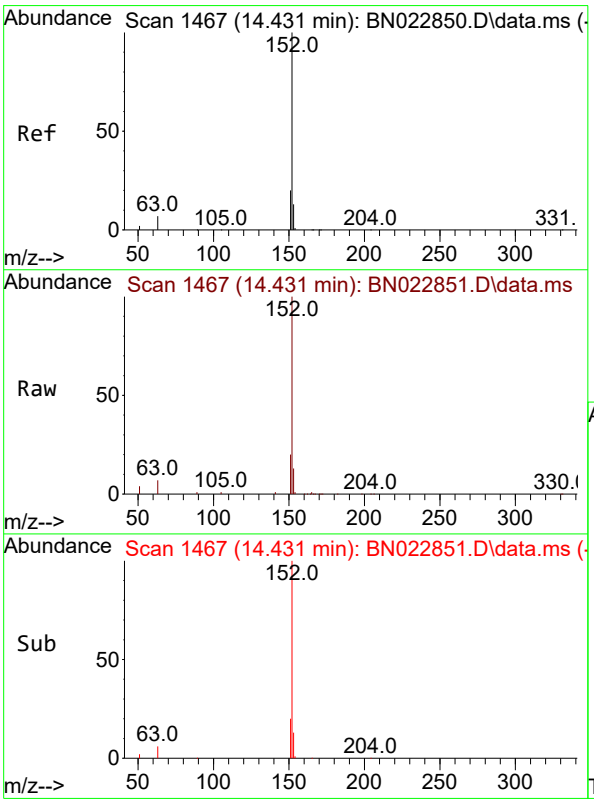
#15
2-Fluorobiphenyl
Concen: 0.840 ng
RT: 13.351 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022851.D
Acq: 23 Nov 2022 17:53

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:172 Resp: 21634

Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.8	41.8
170	22.6	18.9	28.3

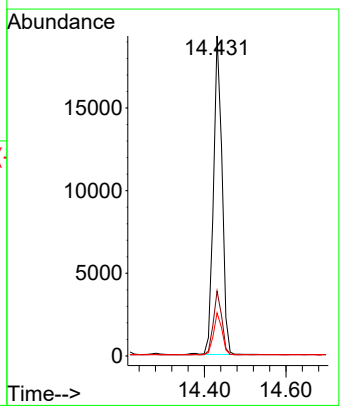


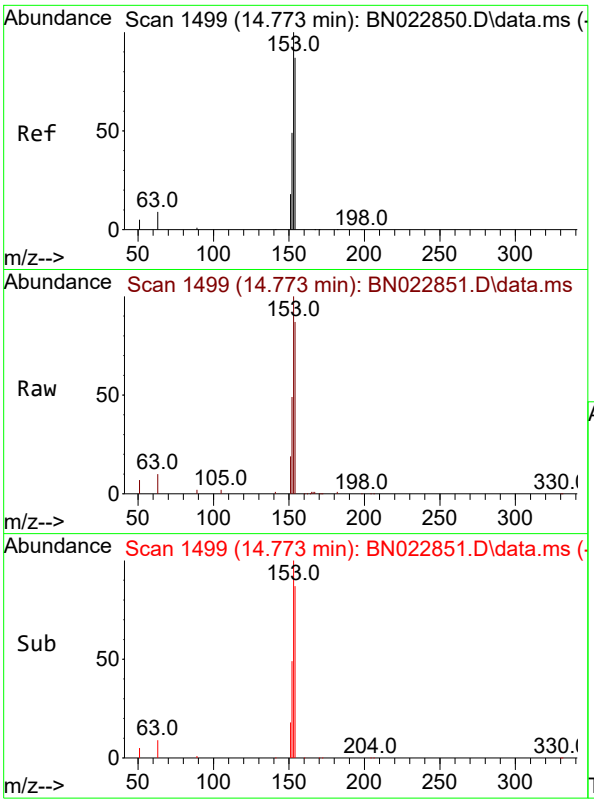


#16
Acenaphthylene
Concen: 0.921 ng
RT: 14.431 min Scan# 1467
Delta R.T. 0.000 min
Lab File: BN022851.D
Acq: 23 Nov 2022 17:53

Tgt Ion:152 Resp: 28025

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.9	23.9
153	13.1	10.4	15.6



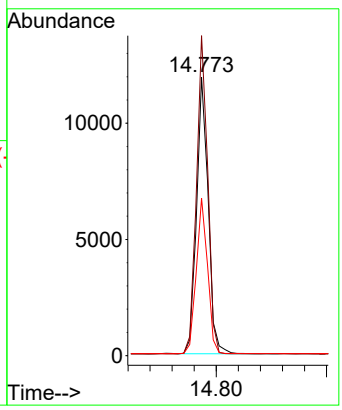


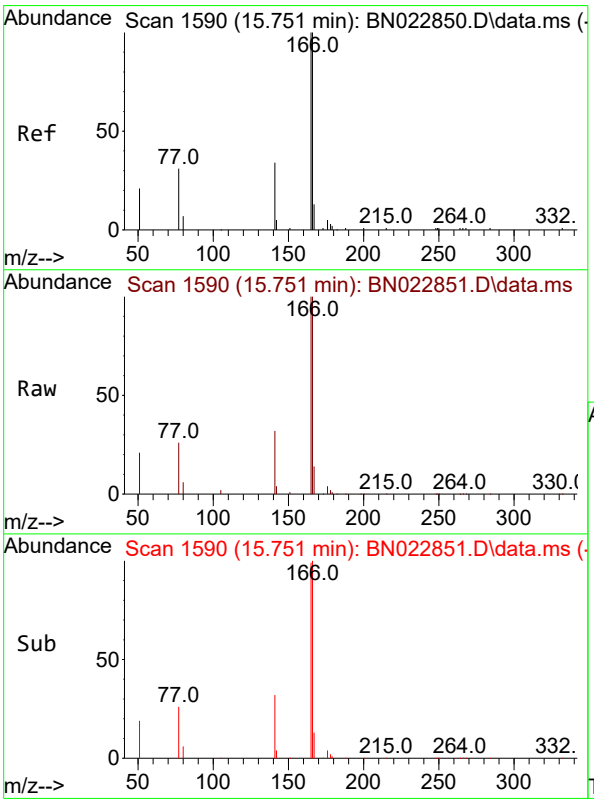
#17
Acenaphthene
Concen: 0.850 ng
RT: 14.773 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN022851.D
Acq: 23 Nov 2022 17:53

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:154 Resp: 17352

Ion	Ratio	Lower	Upper
154	100		
153	111.5	89.6	134.4
152	54.7	44.3	66.5

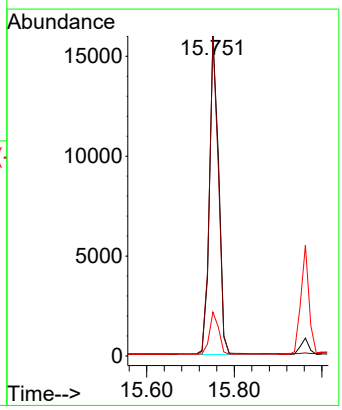


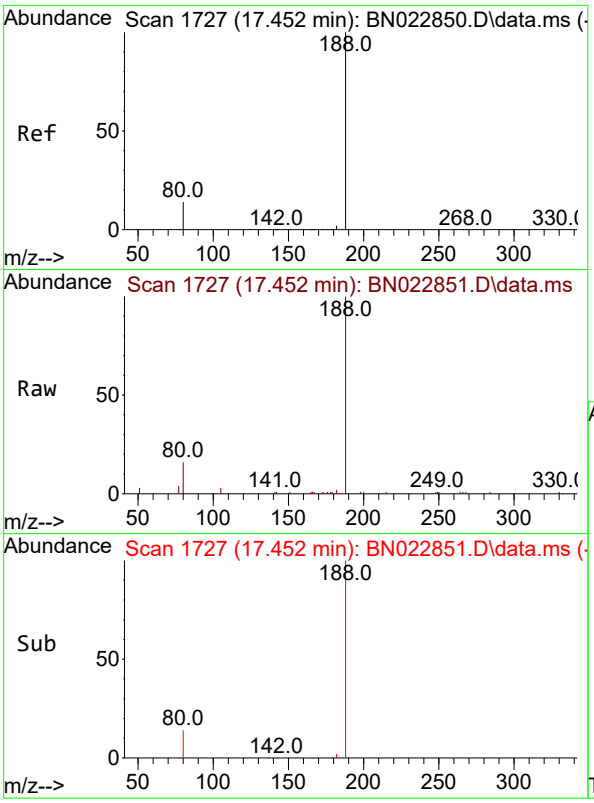


#18
Fluorene
Concen: 0.739 ng
RT: 15.751 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BN022851.D
Acq: 23 Nov 2022 17:53

Tgt Ion:166 Resp: 22356

Ion	Ratio	Lower	Upper
166	100		
165	99.1	79.9	119.9
167	13.7	11.3	16.9



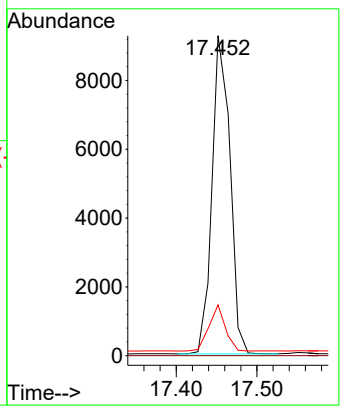


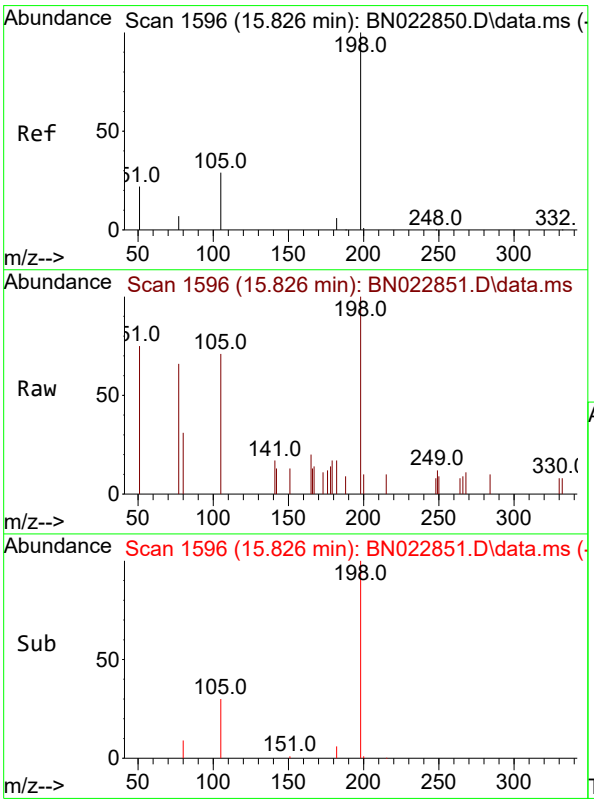
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.452 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022851.D
Acq: 23 Nov 2022 17:53

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:188 Resp: 14281

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.9	13.0	19.6

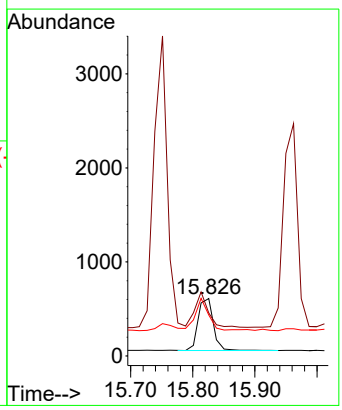


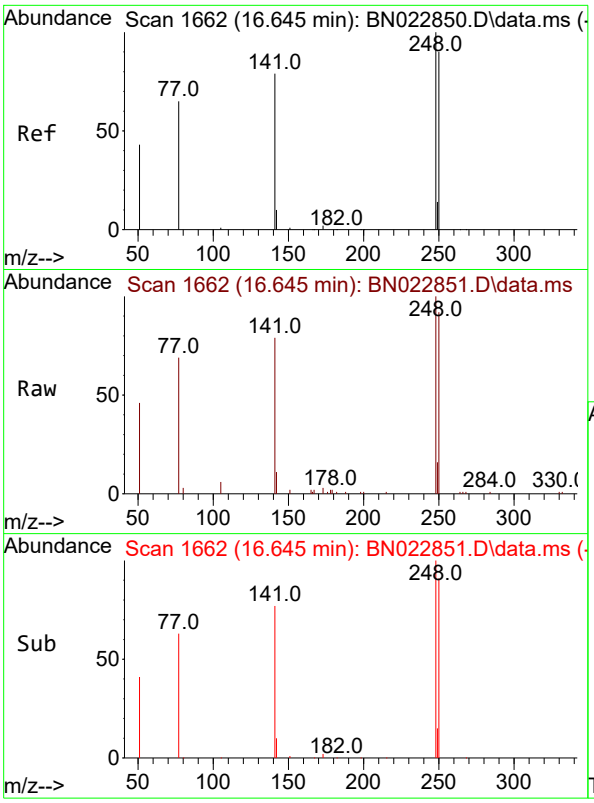


#20
4,6-Dinitro-2-methylphenol
Concen: 0.336 ng
RT: 15.826 min Scan# 1596
Delta R.T. 0.000 min
Lab File: BN022851.D
Acq: 23 Nov 2022 17:53

Tgt Ion:198 Resp: 941

Ion	Ratio	Lower	Upper
198	100		
51	75.0	104.4	156.6#
105	71.4	100.2	150.4#



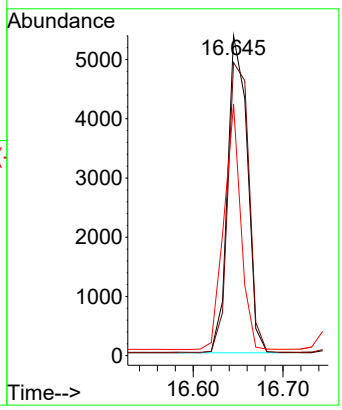


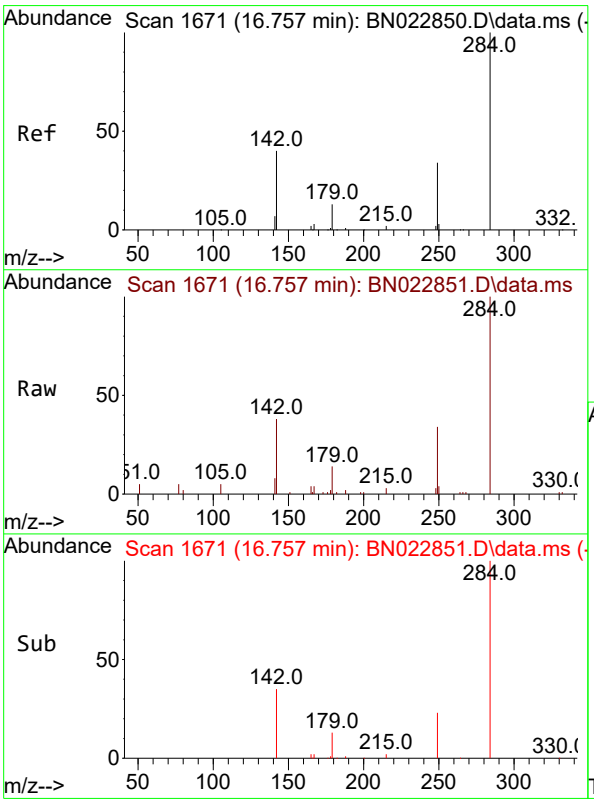
#21
4-Bromophenyl-phenylether
Concen: 0.962 ng
RT: 16.645 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022851.D
Acq: 23 Nov 2022 17:53

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:248 Resp: 8172

Ion	Ratio	Lower	Upper
248	100		
250	91.6	72.8	109.2
141	78.6	65.6	98.4

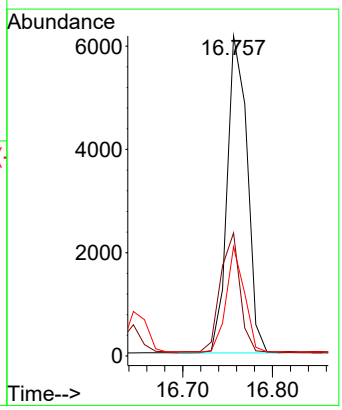


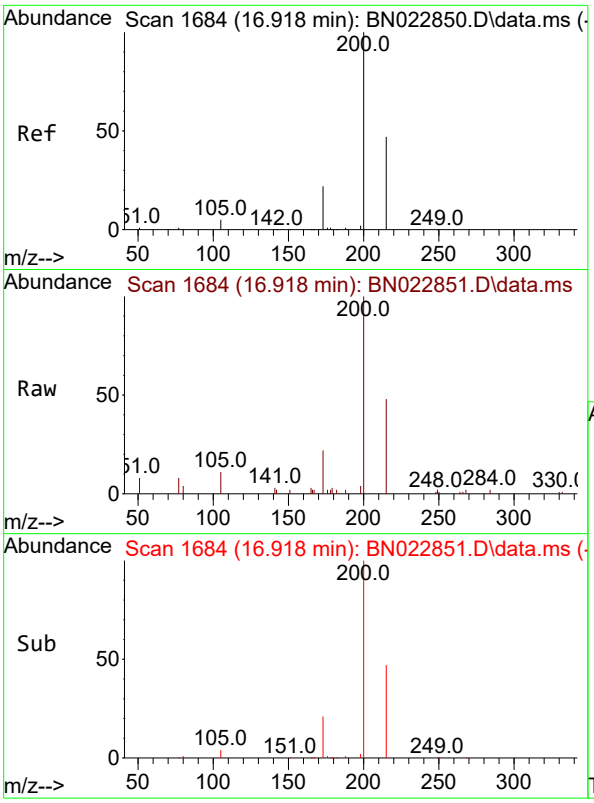


#22
Hexachlorobenzene
Concen: 1.012 ng
RT: 16.757 min Scan# 1671
Delta R.T. 0.000 min
Lab File: BN022851.D
Acq: 23 Nov 2022 17:53

Tgt Ion:284 Resp: 9537

Ion	Ratio	Lower	Upper
284	100		
142	36.2	29.0	43.4
249	30.1	24.3	36.5



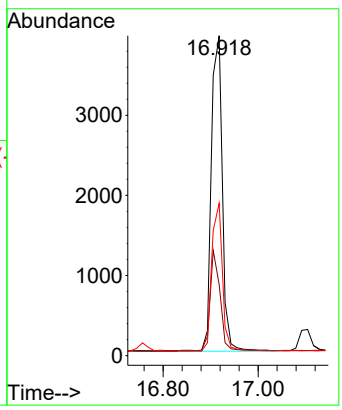


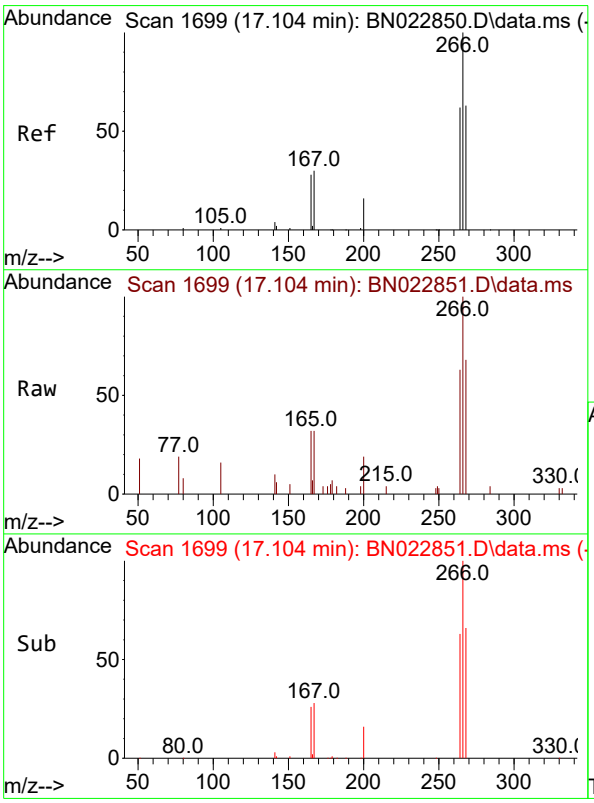
#23
Atrazine
Concen: 0.780 ng
RT: 16.918 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022851.D
Acq: 23 Nov 2022 17:53

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:200 Resp: 6328

Ion	Ratio	Lower	Upper
200	100		
173	22.2	20.1	30.1
215	47.6	39.1	58.7

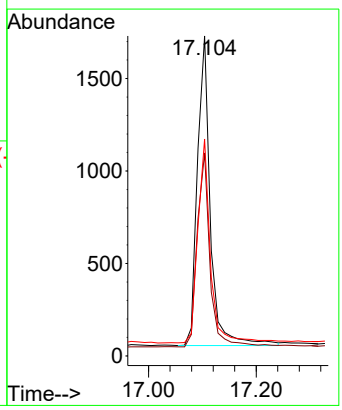


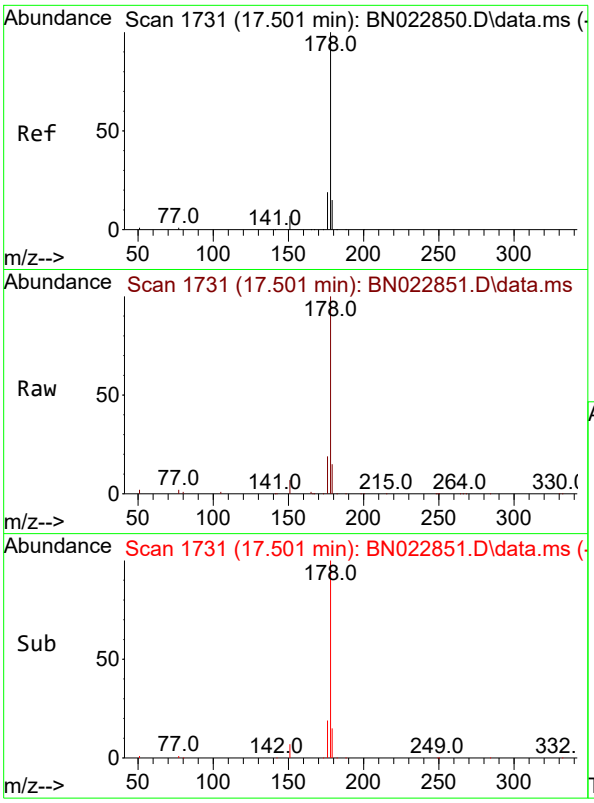


#24
Pentachlorophenol
Concen: 0.650 ng
RT: 17.104 min Scan# 1699
Delta R.T. 0.000 min
Lab File: BN022851.D
Acq: 23 Nov 2022 17:53

Tgt Ion:266 Resp: 2809

Ion	Ratio	Lower	Upper
266	100		
264	62.1	48.6	73.0
268	63.8	50.3	75.5



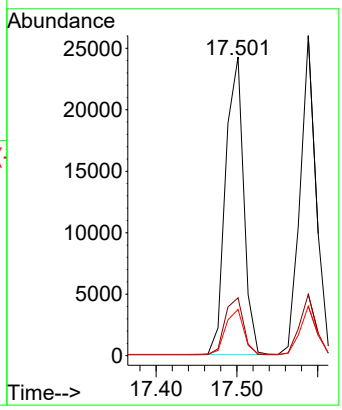


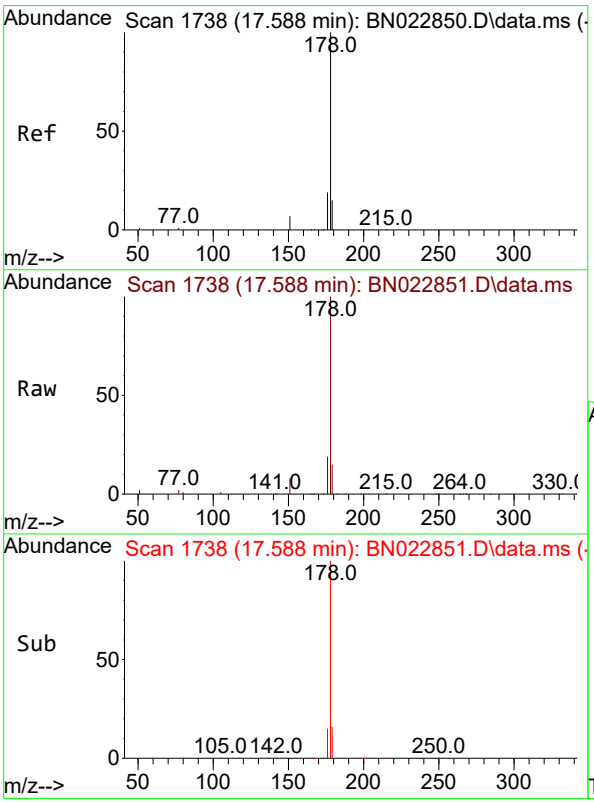
#25
Phenanthrene
Concen: 0.757 ng
RT: 17.501 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022851.D
Acq: 23 Nov 2022 17:53

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:178 Resp: 37512

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.7	23.5
179	15.2	12.2	18.2

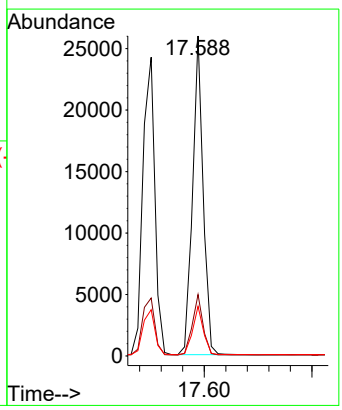


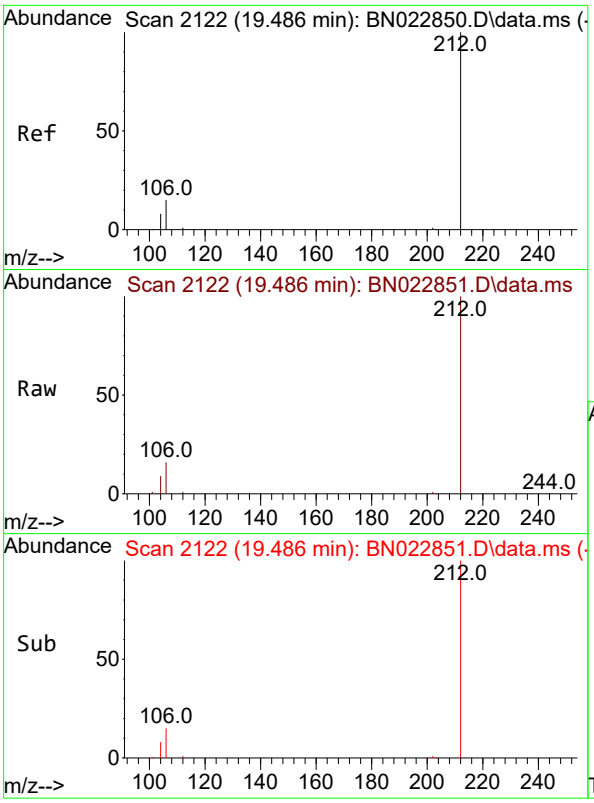


#26
Anthracene
Concen: 0.861 ng
RT: 17.588 min Scan# 1738
Delta R.T. 0.000 min
Lab File: BN022851.D
Acq: 23 Nov 2022 17:53

Tgt Ion:178 Resp: 35455

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.1	22.7
179	15.3	12.2	18.4



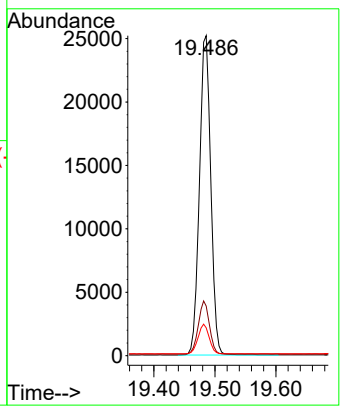


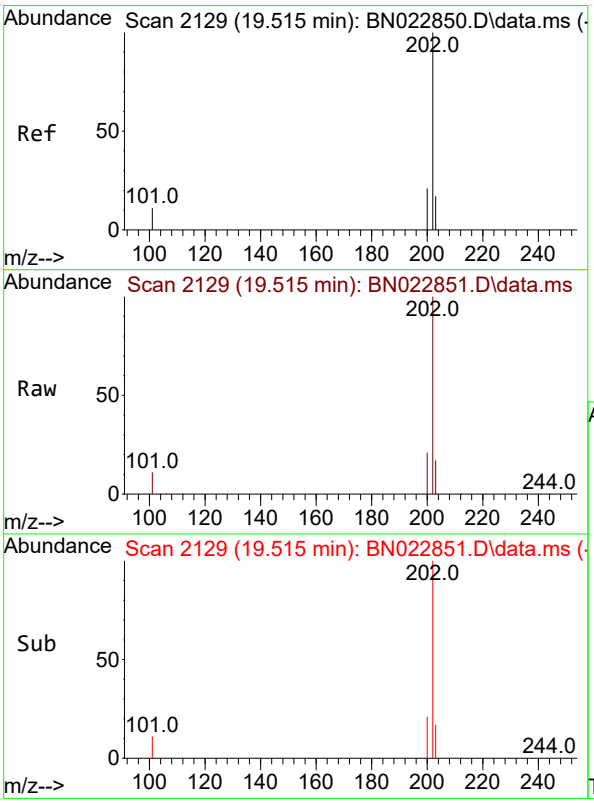
#27
Fluoranthene-d10
Concen: 0.784 ng
RT: 19.486 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN022851.D
Acq: 23 Nov 2022 17:53

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:212 Resp: 32533

Ion	Ratio	Lower	Upper
212	100		
106	16.2	13.0	19.4
104	9.1	7.4	11.0

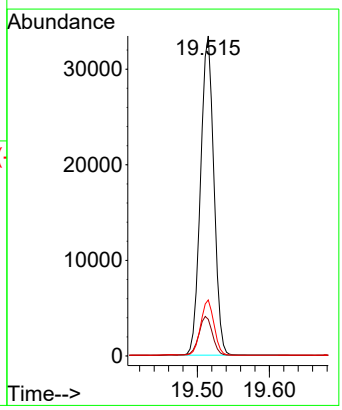


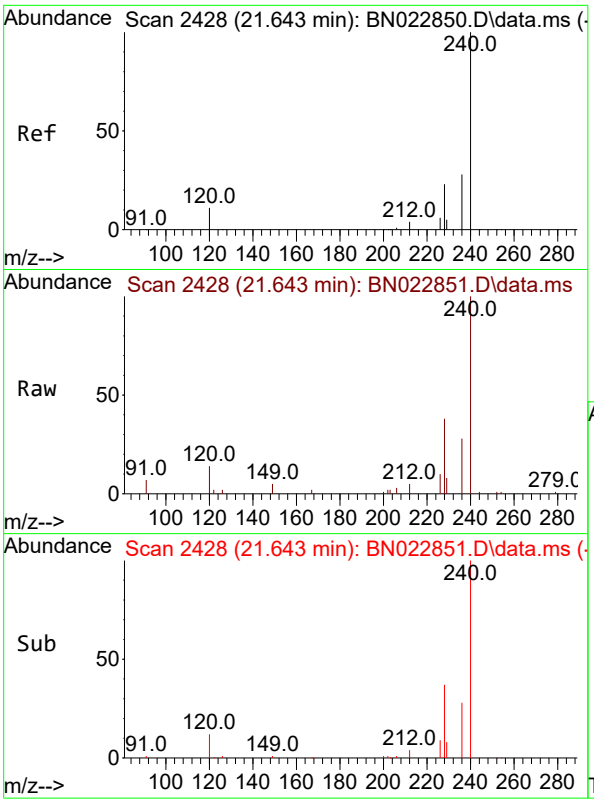


#28
Fluoranthene
Concen: 0.823 ng
RT: 19.515 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BN022851.D
Acq: 23 Nov 2022 17:53

Tgt Ion:202 Resp: 42885

Ion	Ratio	Lower	Upper
202	100		
101	12.5	10.0	15.0
203	17.3	13.8	20.8



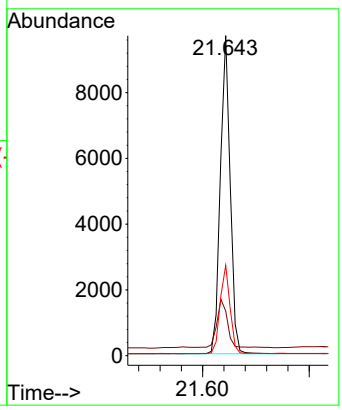


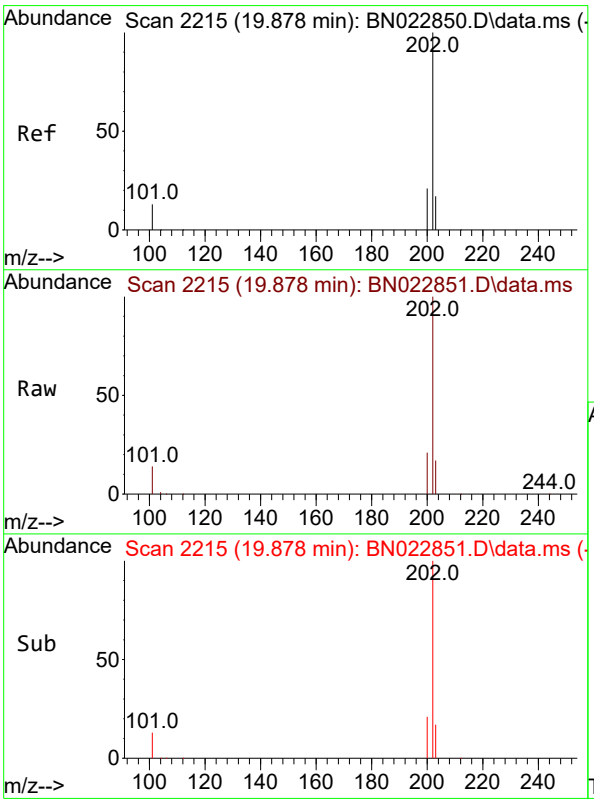
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.643 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN022851.D
Acq: 23 Nov 2022 17:53

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:240 Resp: 12423

Ion	Ratio	Lower	Upper
240	100		
120	14.0	11.6	17.4
236	28.3	22.8	34.2

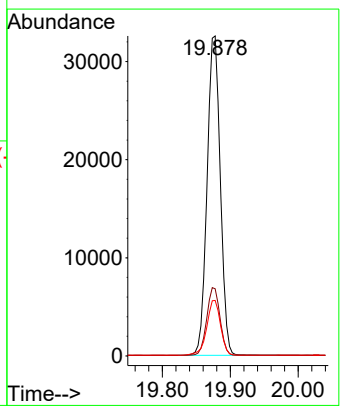


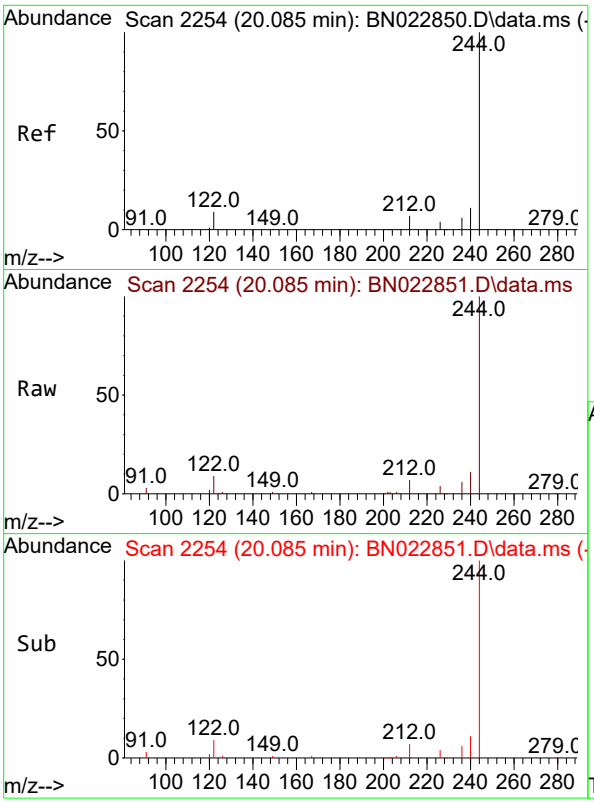


#30
Pyrene
Concen: 0.842 ng
RT: 19.878 min Scan# 2215
Delta R.T. 0.000 min
Lab File: BN022851.D
Acq: 23 Nov 2022 17:53

Tgt Ion:202 Resp: 43803

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.1	25.7
203	17.8	14.3	21.5



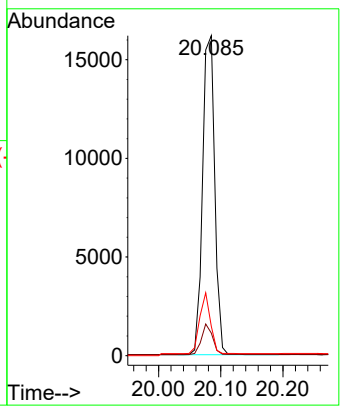


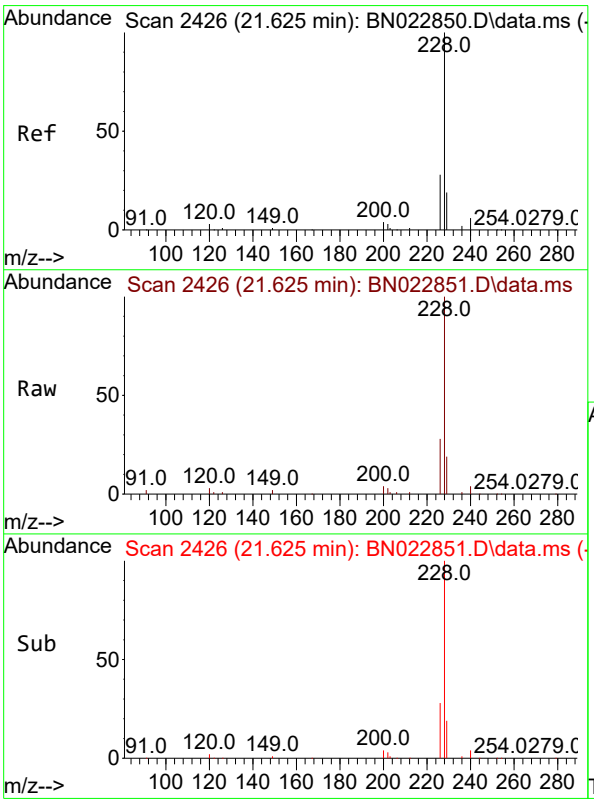
#31
Terphenyl-d14
Concen: 0.577 ng
RT: 20.085 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN022851.D
Acq: 23 Nov 2022 17:53

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:244 Resp: 21845

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.2	9.4
122	9.1	8.6	12.8

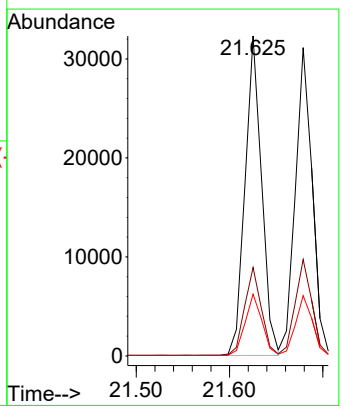


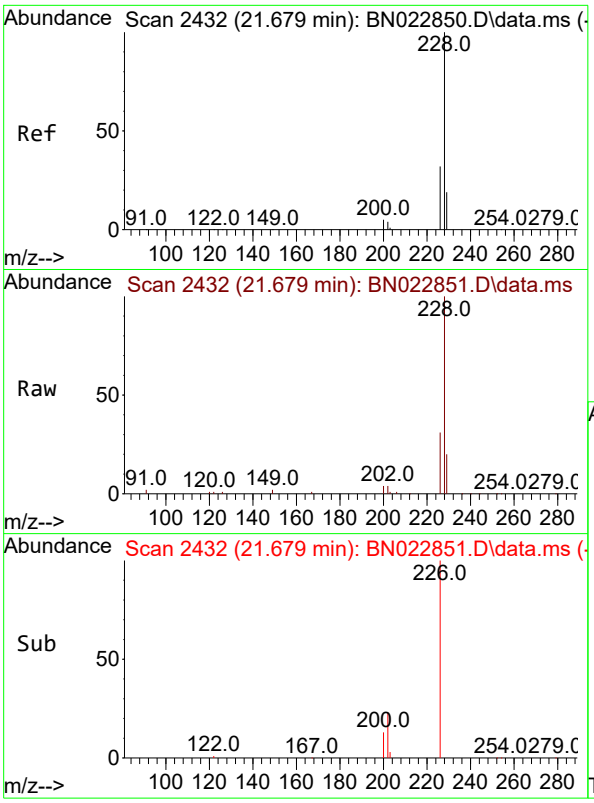


#32
Benzo(a)anthracene
Concen: 0.837 ng
RT: 21.625 min Scan# 2426
Delta R.T. 0.000 min
Lab File: BN022851.D
Acq: 23 Nov 2022 17:53

Tgt Ion:228 Resp: 39861

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	19.3	15.8	23.6



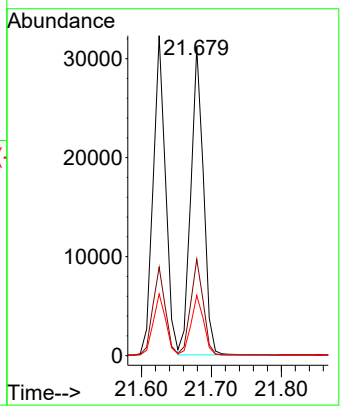


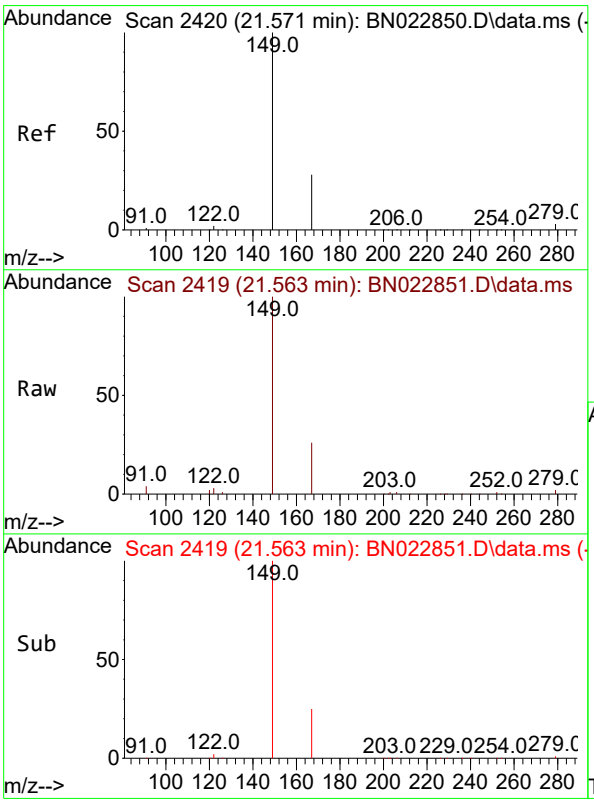
#33
Chrysene
Concen: 0.826 ng
RT: 21.679 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN022851.D
Acq: 23 Nov 2022 17:53

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:228 Resp: 38970

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.4	38.0
229	19.6	15.6	23.4

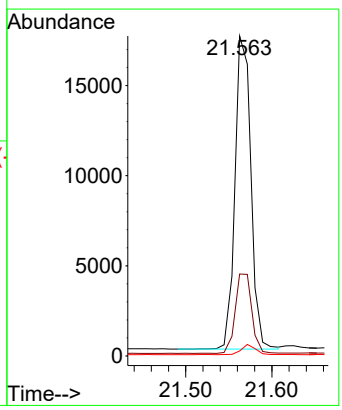


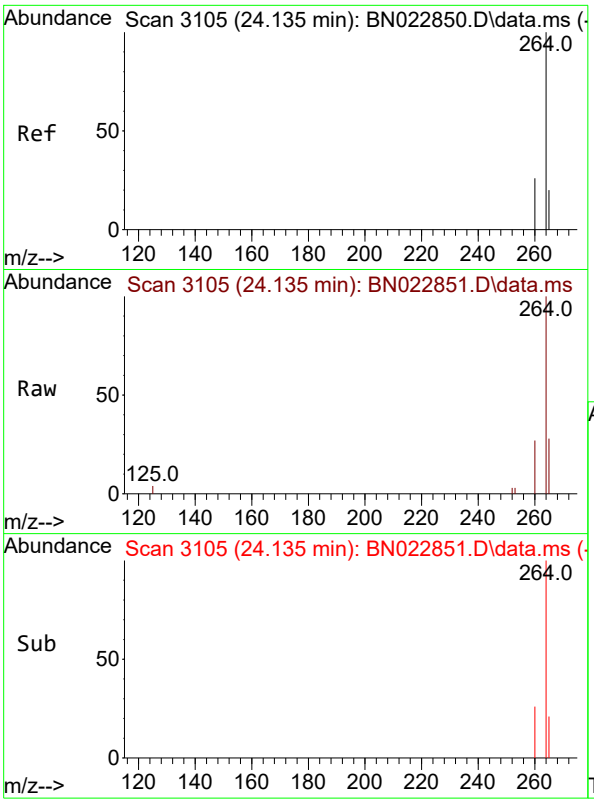


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.642 ng
RT: 21.563 min Scan# 2419
Delta R.T. -0.009 min
Lab File: BN022851.D
Acq: 23 Nov 2022 17:53

Tgt Ion:149 Resp: 22337

Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.6	32.4
279	2.9	2.5	3.7



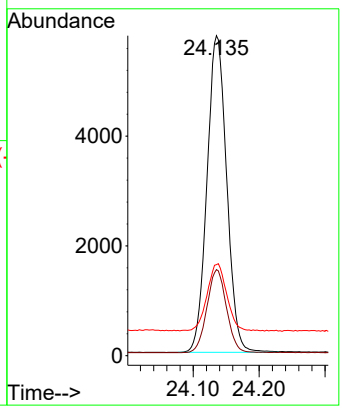


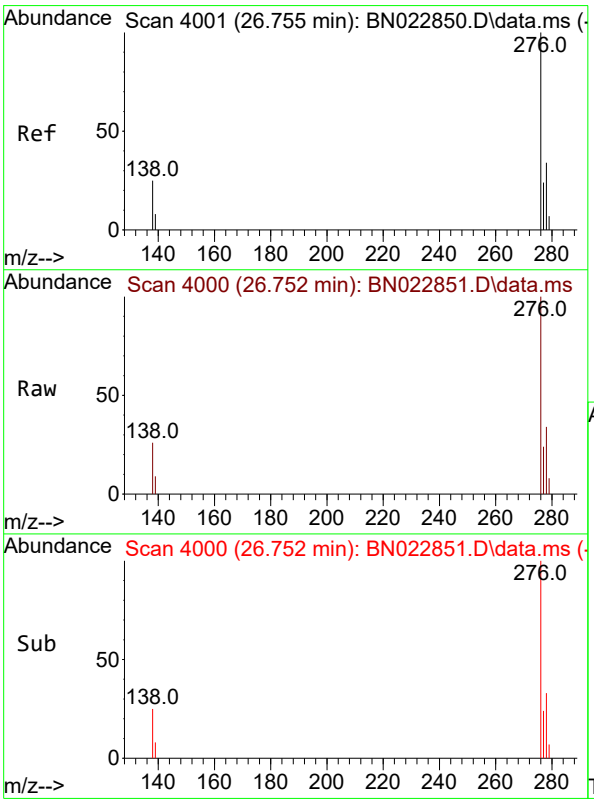
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.135 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN022851.D
Acq: 23 Nov 2022 17:53

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:264 Resp: 11993

Ion	Ratio	Lower	Upper
264	100		
260	26.9	21.2	31.8
265	28.4	22.8	34.2

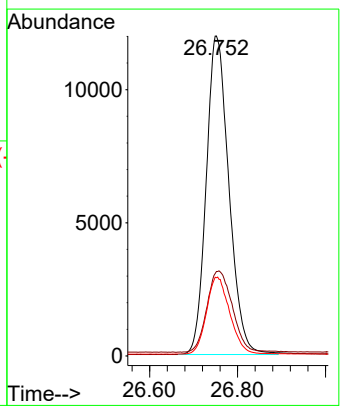


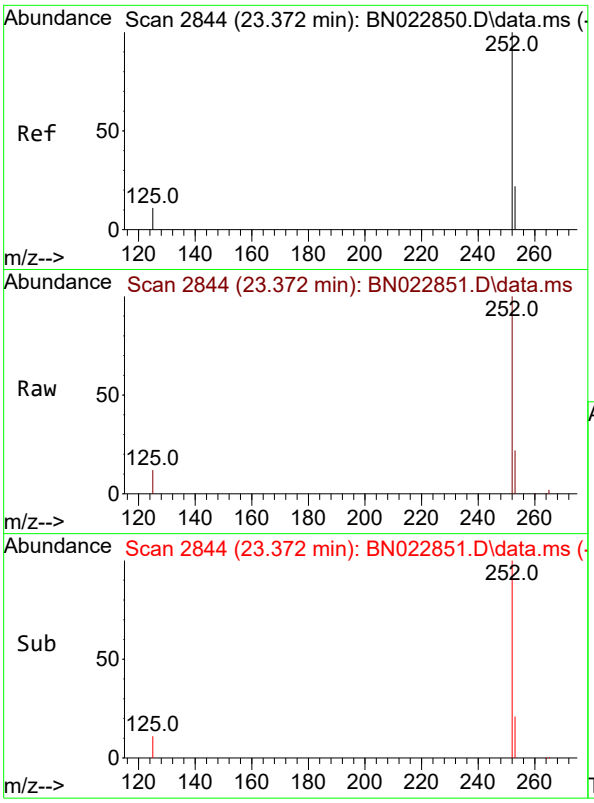


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.839 ng
RT: 26.752 min Scan# 4000
Delta R.T. -0.003 min
Lab File: BN022851.D
Acq: 23 Nov 2022 17:53

Tgt Ion:276 Resp: 42911

Ion	Ratio	Lower	Upper
276	100		
138	28.4	22.7	34.1
277	24.8	19.8	29.6



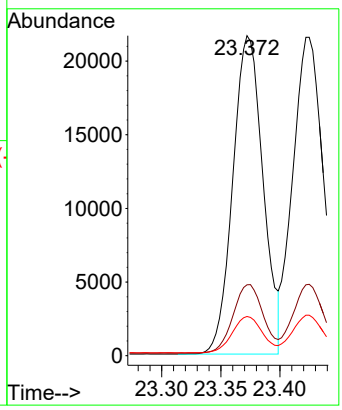


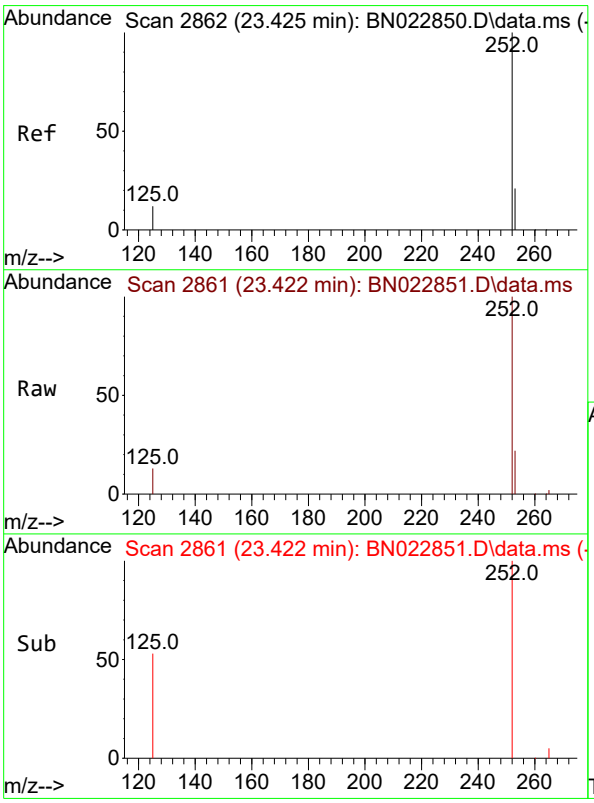
#37
Benzo(b)fluoranthene
Concen: 0.805 ng
RT: 23.372 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN022851.D
Acq: 23 Nov 2022 17:53

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 38358

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.7	28.1
125	12.2	10.7	16.1

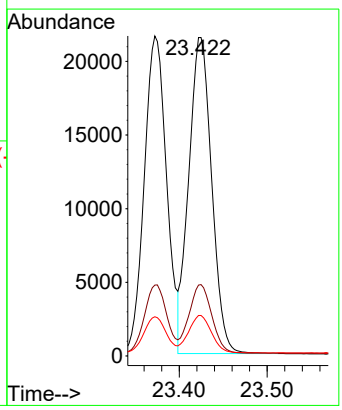


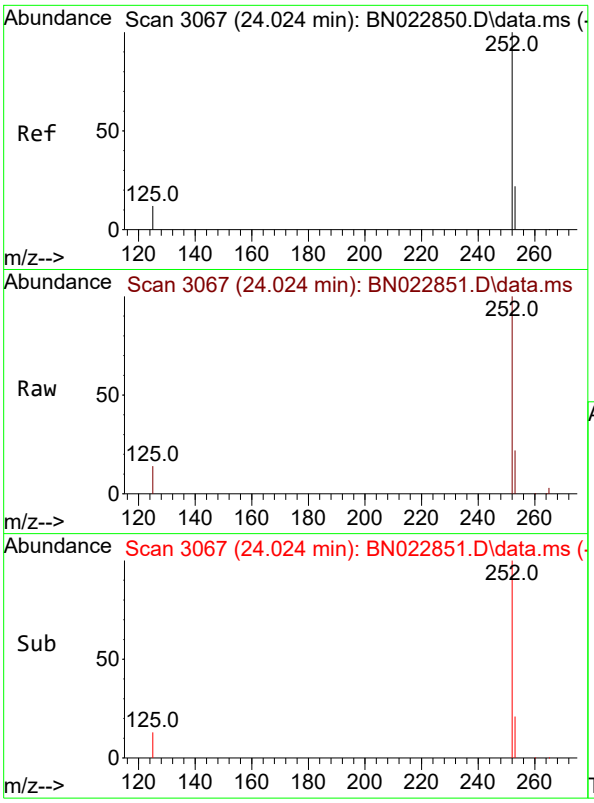


#38
Benzo(k)fluoranthene
Concen: 0.804 ng
RT: 23.422 min Scan# 2861
Delta R.T. -0.003 min
Lab File: BN022851.D
Acq: 23 Nov 2022 17:53

Tgt Ion:252 Resp: 38926

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.3	27.5
125	12.7	11.4	17.0



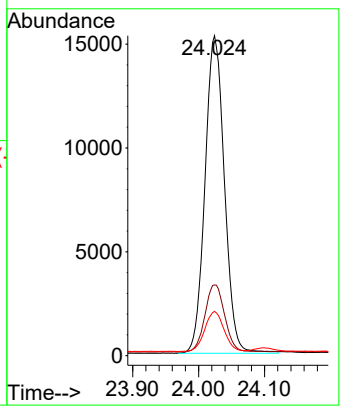


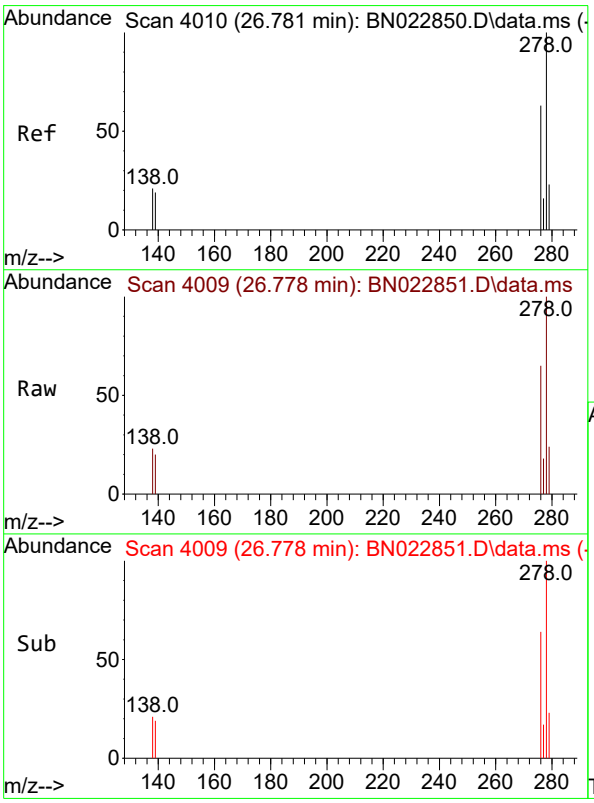
#39
Benzo(a)pyrene
Concen: 0.803 ng
RT: 24.024 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN022851.D
Acq: 23 Nov 2022 17:53

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 31336

Ion	Ratio	Lower	Upper
252	100		
253	22.1	19.1	28.7
125	13.9	12.2	18.4

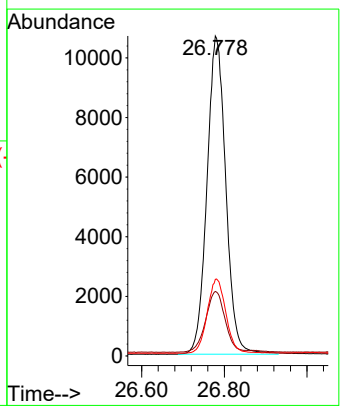


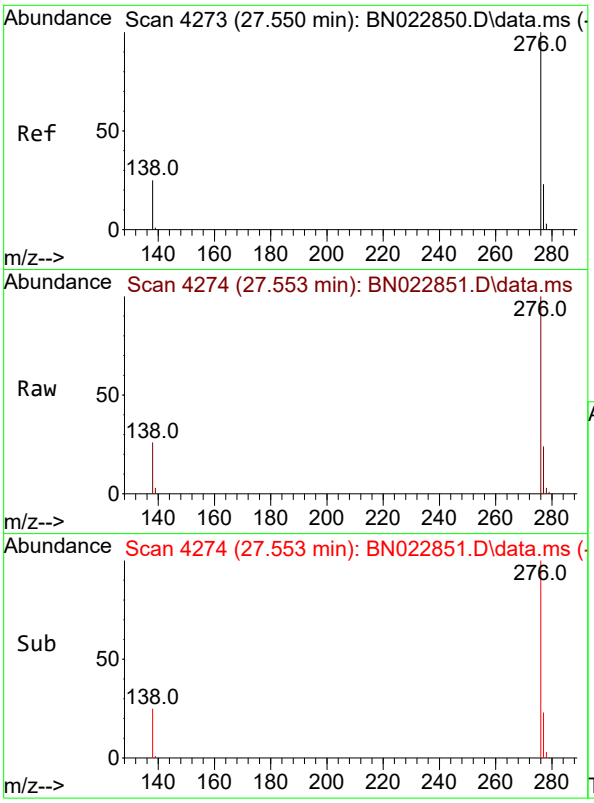


#40
Dibenzo(a,h)anthracene
Concen: 0.824 ng
RT: 26.778 min Scan# 4009
Delta R.T. -0.003 min
Lab File: BN022851.D
Acq: 23 Nov 2022 17:53

Tgt Ion:278 Resp: 33742

Ion	Ratio	Lower	Upper
278	100		
139	20.2	17.2	25.8
279	23.9	19.8	29.8





#41
Benzo(g,h,i)perylene
Concen: 0.841 ng
RT: 27.553 min Scan# 4
Delta R.T. 0.003 min
Lab File: BN022851.D
Acq: 23 Nov 2022 17:53

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 35666

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.6	29.4
138	25.8	22.0	33.0