Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112322\
Data File : BN022855.D
Acq On : 23 Nov 2022 21:00
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN112322

Quant Time: Nov 24 03:54:11 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 03:45:05 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.078	152	2953	0.400	ng		0.00
7) Naphthalene-d8	10.893	136	7901	0.400	ng		0.00
13) Acenaphthene-d10	14.709	164	4781	0.400	ng		0.00
19) Phenanthrene-d10	17.452	188	10616	0.400	ng		0.00
29) Chrysene-d12	21.643	240	9325	0.400	ng		0.00
35) Perylene-d12	24.135	264	8919	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.608	112	3464	0.393	ng		0.00
5) Phenol-d6	7.219	99	4444	0.391	ng		0.00
8) Nitrobenzene-d5	9.238	82	2410	0.392	ng		0.00
11) 2-Methylnaphthalene-d10	12.480	152	7495	0.423	ng		0.00
14) 2,4,6-Tribromophenol	16.198	330	1011	0.360	ng		0.00
15) 2-Fluorobiphenyl	13.351	172	8953	0.425	ng		0.00
27) Fluoranthene-d10	19.486	212	12707	0.407	ng		0.00
31) Terphenyl-d14	20.085	244	8616	0.407	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.449	88	1553	0.404	ng		99
3) n-Nitrosodimethylamine	3.781	42	1553	0.353	ng	#	94
6) bis(2-Chloroethyl)ether	7.493	93	4306	0.398	ng		98
9) Naphthalene	10.947	128	10206	0.411	ng		99
10) Hexachlorobutadiene	11.246	225	2117	0.418	ng	#	99
12) 2-Methylnaphthalene	12.163	142	2191	0.365	ng		95
16) Acenaphthylene	14.431	152	11052	0.404	ng		100
17) Acenaphthene	14.773	154	6938	0.411	ng		98
18) Fluorene	15.751	166	8846	0.407	ng		100
20) 4,6-Dinitro-2-methylph...	15.826	198	355	0.377	ng	#	79
21) 4-Bromophenyl-phenylether	16.645	248	3243	0.411	ng		99
22) Hexachlorobenzene	16.757	284	3917	0.427	ng		98
23) Atrazine	16.918	200	2366	0.378	ng		100
24) Pentachlorophenol	17.104	266	903	0.316	ng		96
25) Phenanthrene	17.501	178	15390	0.423	ng		100
26) Anthracene	17.588	178	13863	0.403	ng		100
28) Fluoranthene	19.515	202	17093	0.415	ng		100
30) Pyrene	19.878	202	17438	0.406	ng		100
32) Benzo(a)anthracene	21.625	228	15442	0.398	ng		99
33) Chrysene	21.679	228	15742	0.417	ng		99
34) Bis(2-ethylhexyl)phtha...	21.562	149	7350	0.319	ng		99
36) Indeno(1,2,3-cd)pyrene	26.755	276	15420	0.379	ng		99
37) Benzo(b)fluoranthene	23.372	252	14597	0.398	ng		99
38) Benzo(k)fluoranthene	23.422	252	15902	0.423	ng		97
39) Benzo(a)pyrene	24.024	252	11909	0.395	ng		99
40) Dibenzo(a,h)anthracene	26.775	278	12117	0.381	ng		99
41) Benzo(g,h,i)perylene	27.553	276	13048	0.388	ng		100

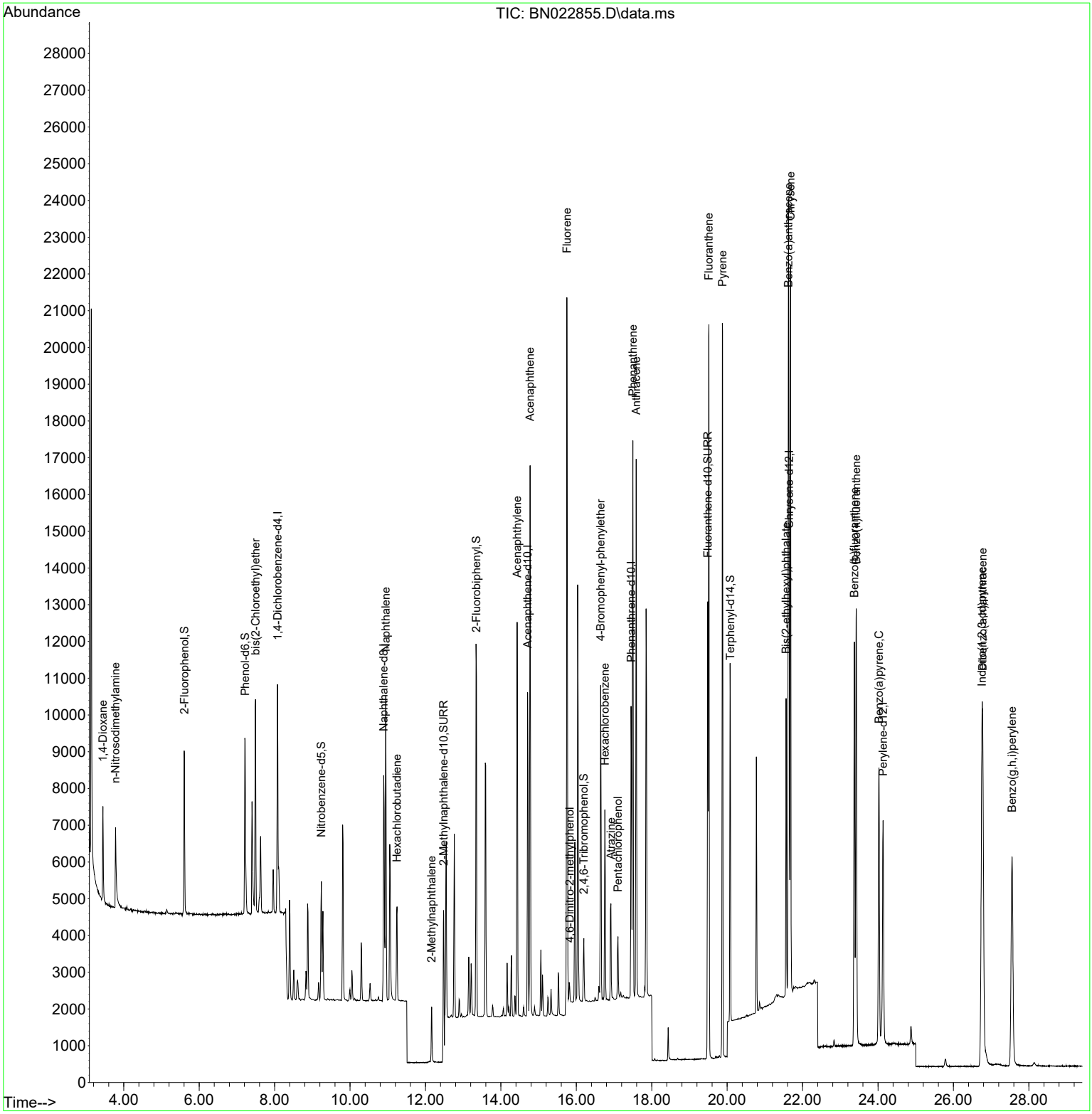
(#) = qualifier out of range (m) = manual integration (+) = signals summed

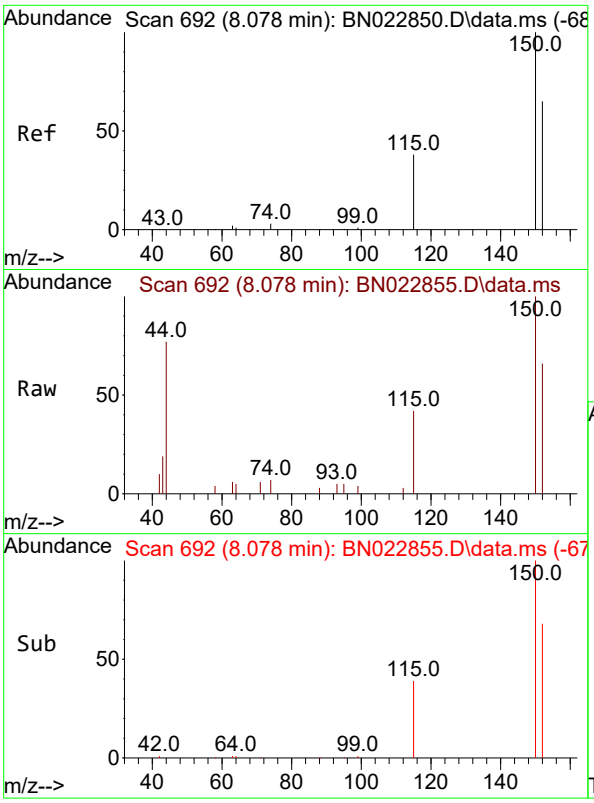
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112322\
Data File : BN022855.D
Acq On : 23 Nov 2022 21:00
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN112322

Quant Time: Nov 24 03:54:11 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 03:45:05 2022
Response via : Initial Calibration



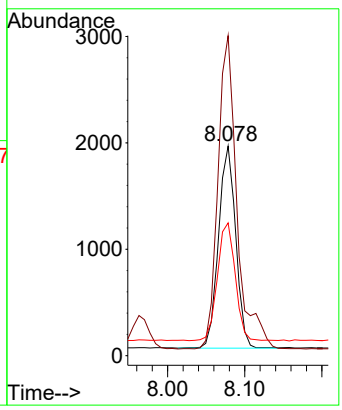


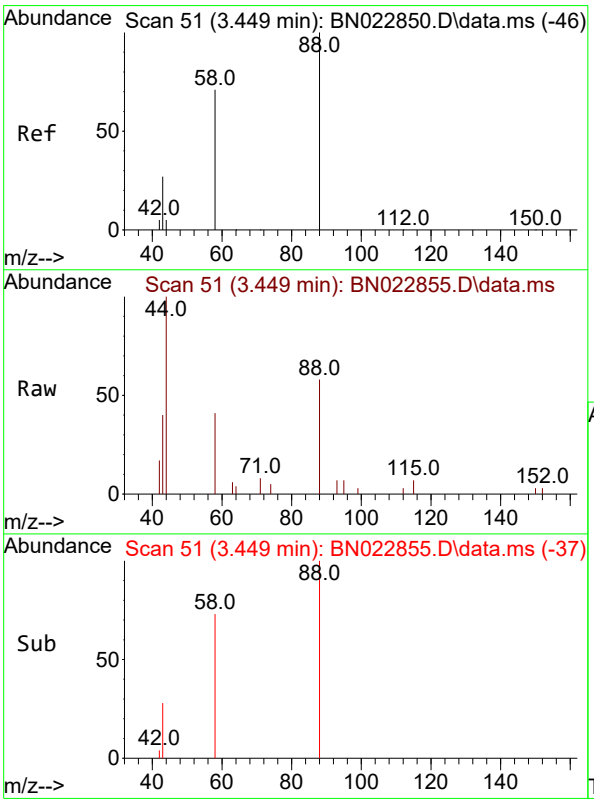
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.078 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN022855.D
Acq: 23 Nov 2022 21:00

Instrument :
BNA_N
ClientSampleId :
ICVBN112322

Tgt Ion:152 Resp: 2953

Ion	Ratio	Lower	Upper
152	100		
150	152.6	120.4	180.6
115	63.4	53.8	80.8

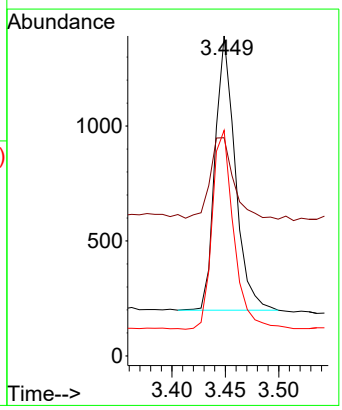


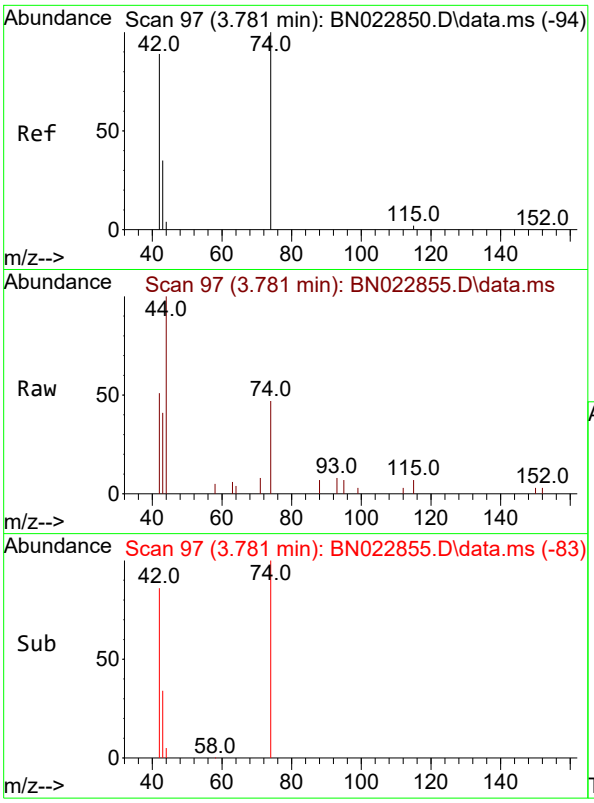


#2
1,4-Dioxane
Concen: 0.404 ng
RT: 3.449 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN022855.D
Acq: 23 Nov 2022 21:00

Tgt Ion: 88 Resp: 1553

Ion	Ratio	Lower	Upper
88	100		
43	34.8	27.8	41.8
58	78.2	61.1	91.7



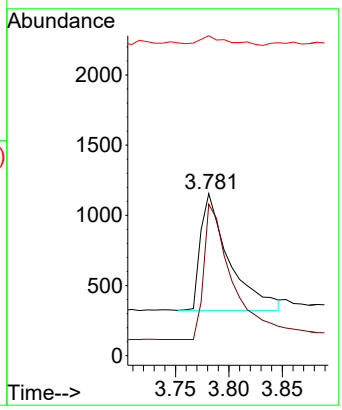


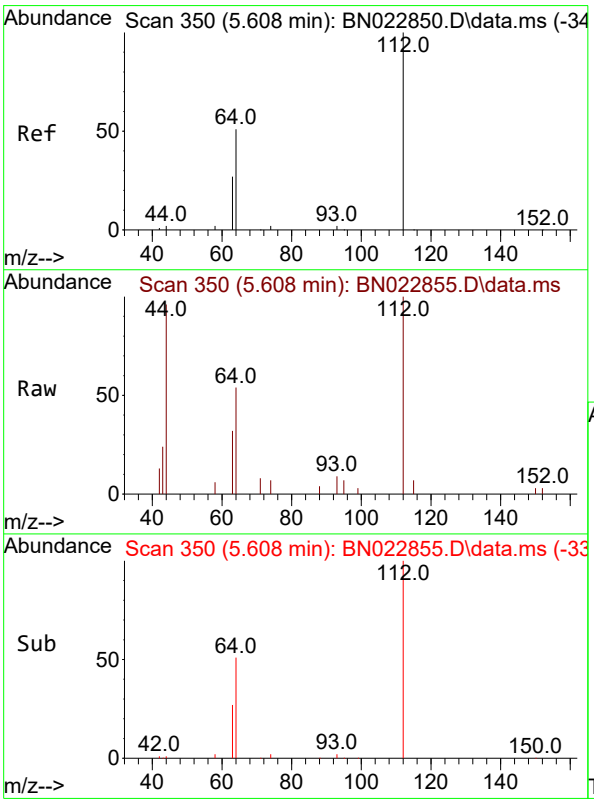
#3
n-Nitrosodimethylamine
Concen: 0.353 ng
RT: 3.781 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN022855.D
Acq: 23 Nov 2022 21:00

Instrument :
BNA_N
ClientSampleId :
ICVBN112322

Tgt Ion: 42 Resp: 1553

Ion	Ratio	Lower	Upper
42	100		
74	117.7	89.9	134.9
44	7.8	10.5	15.7#

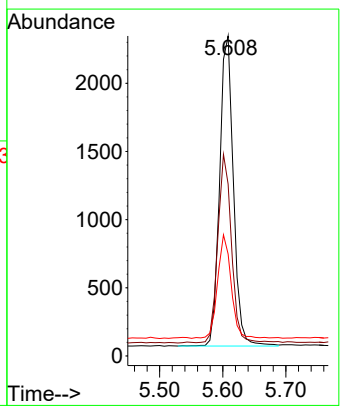


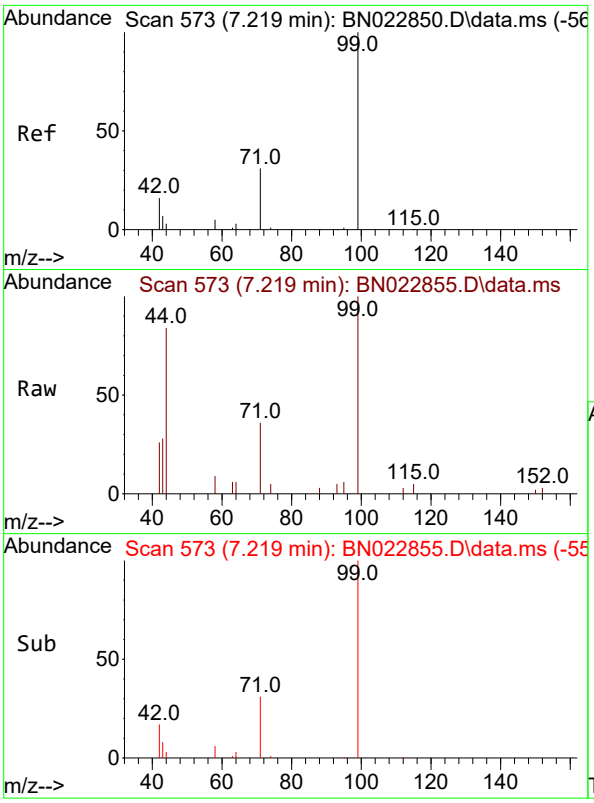


#4
2-Fluorophenol
Concen: 0.393 ng
RT: 5.608 min Scan# 350
Delta R.T. 0.000 min
Lab File: BN022855.D
Acq: 23 Nov 2022 21:00

Tgt Ion:112 Resp: 3464

Ion	Ratio	Lower	Upper
112	100		
64	59.8	47.9	71.9
63	32.7	25.1	37.7



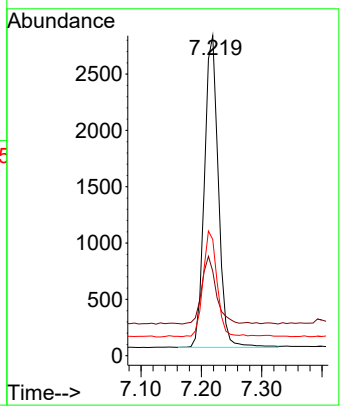


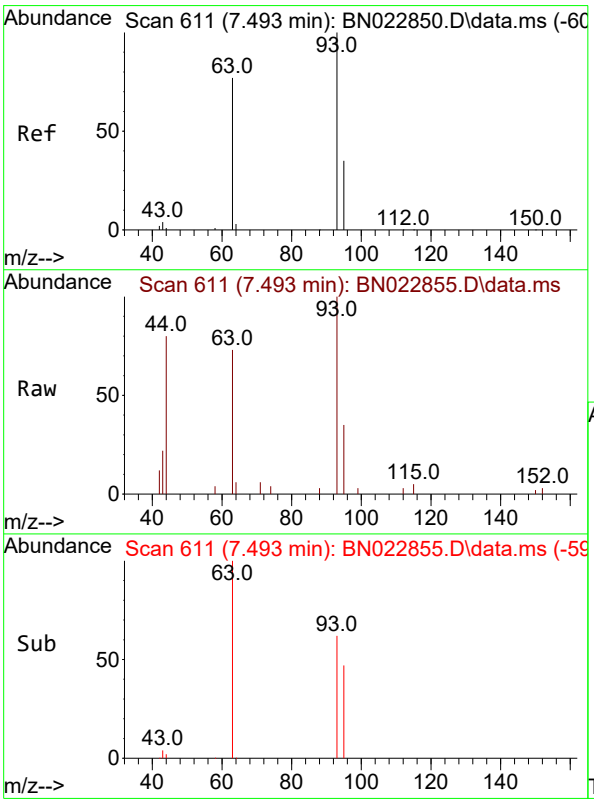
#5
Phenol-d6
Concen: 0.391 ng
RT: 7.219 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN022855.D
Acq: 23 Nov 2022 21:00

Instrument :
BNA_N
ClientSampleId :
ICVBN112322

Tgt Ion: 99 Resp: 4444

Ion	Ratio	Lower	Upper
99	100		
42	22.4	19.0	28.6
71	34.0	27.4	41.0

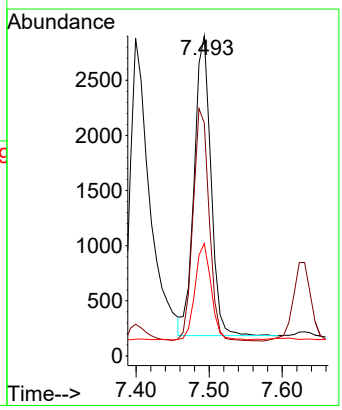


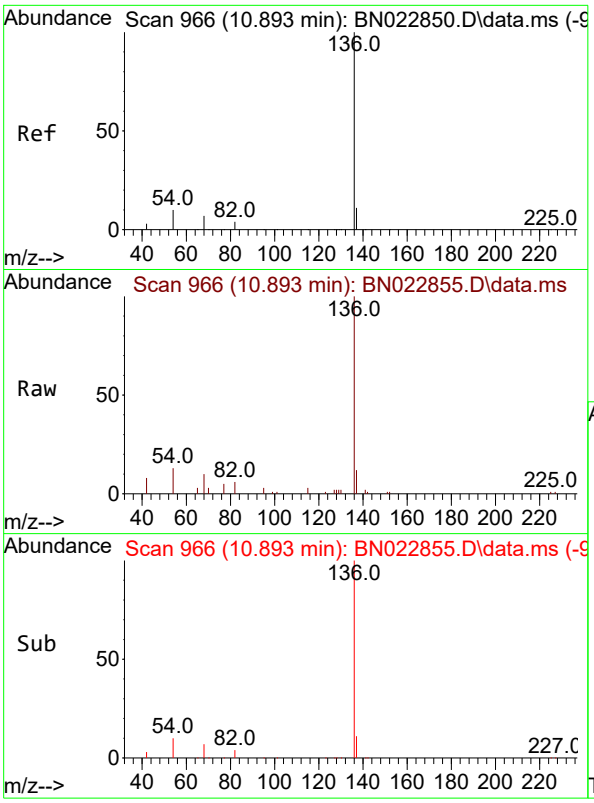


#6
bis(2-Chloroethyl)ether
Concen: 0.398 ng
RT: 7.493 min Scan# 611
Delta R.T. 0.000 min
Lab File: BN022855.D
Acq: 23 Nov 2022 21:00

Tgt Ion: 93 Resp: 4306

Ion	Ratio	Lower	Upper
93	100		
63	75.2	59.0	88.6
95	31.1	24.3	36.5



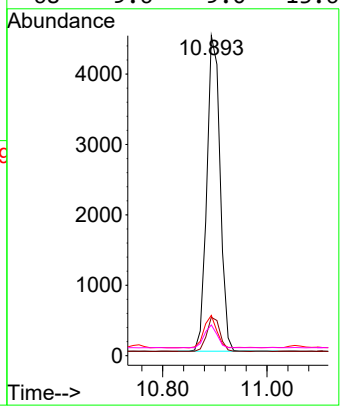


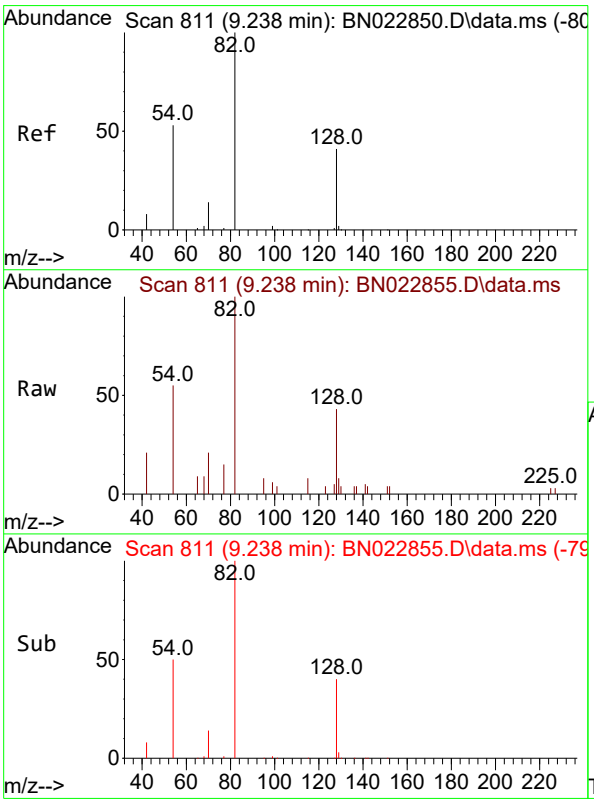
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.893 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN022855.D
Acq: 23 Nov 2022 21:00

Instrument :
BNA_N
ClientSampleId :
ICVBN112322

Tgt Ion:136 Resp: 7901

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.8	14.6
54	12.6	11.1	16.7
68	9.6	9.0	13.6

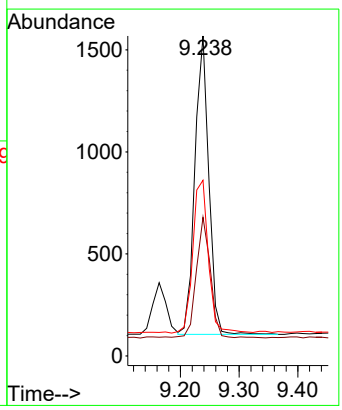


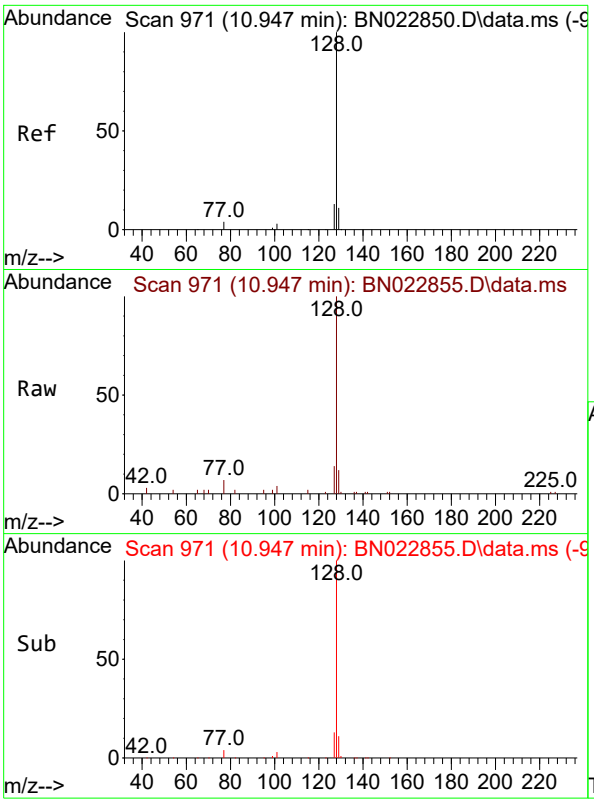


#8
Nitrobenzene-d5
Concen: 0.392 ng
RT: 9.238 min Scan# 811
Delta R.T. 0.000 min
Lab File: BN022855.D
Acq: 23 Nov 2022 21:00

Tgt Ion: 82 Resp: 2410

Ion	Ratio	Lower	Upper
82	100		
128	43.4	35.8	53.8
54	54.9	46.6	70.0



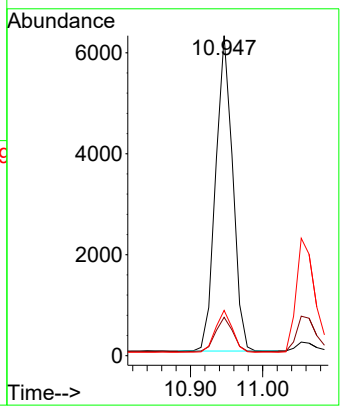


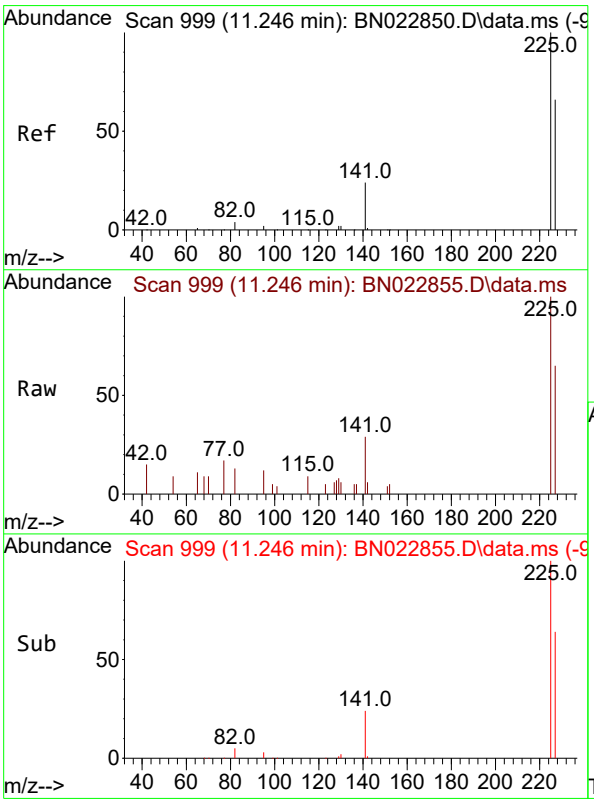
#9
Naphthalene
Concen: 0.411 ng
RT: 10.947 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN022855.D
Acq: 23 Nov 2022 21:00

Instrument :
BNA_N
ClientSampleId :
ICVBN112322

Tgt Ion:128 Resp: 10206

Ion	Ratio	Lower	Upper
128	100		
129	12.0	10.1	15.1
127	14.2	11.4	17.0

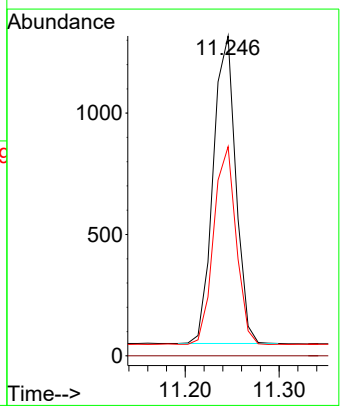


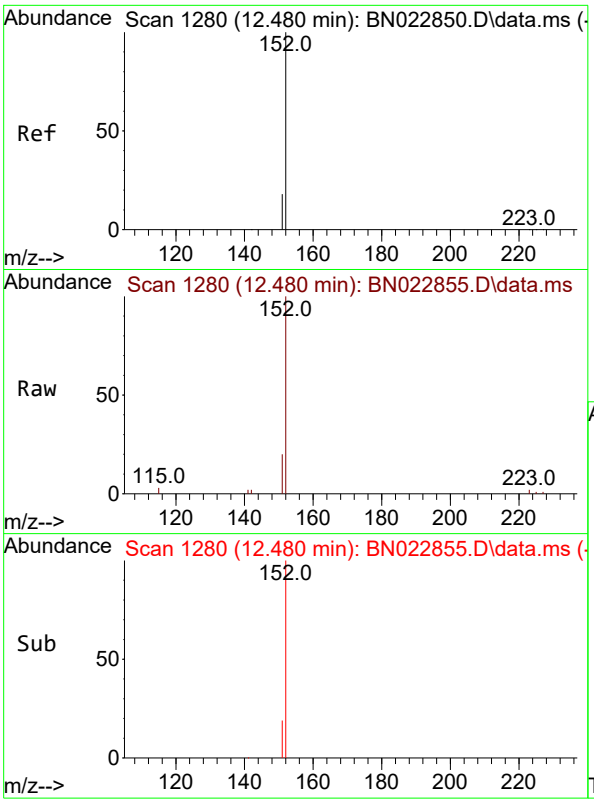


#10
Hexachlorobutadiene
Concen: 0.418 ng
RT: 11.246 min Scan# 999
Delta R.T. 0.000 min
Lab File: BN022855.D
Acq: 23 Nov 2022 21:00

Tgt Ion:225 Resp: 2117

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.2	50.9	76.3



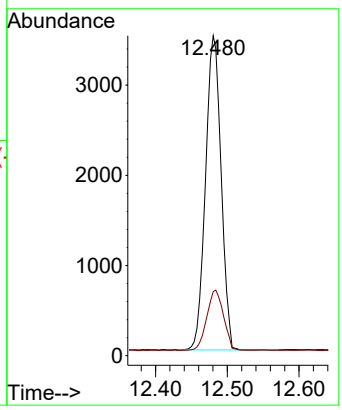


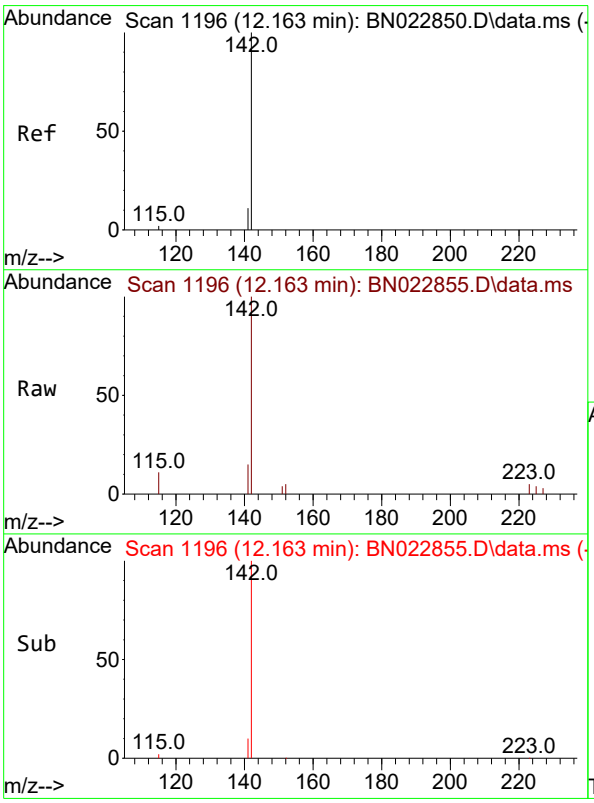
#11
2-Methylnaphthalene-d10
Concen: 0.423 ng
RT: 12.480 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022855.D
Acq: 23 Nov 2022 21:00

Instrument :
BNA_N
ClientSampleId :
ICVBN112322

Tgt Ion:152 Resp: 7495

Ion	Ratio	Lower	Upper
152	100		
151	18.0	18.6	27.8#

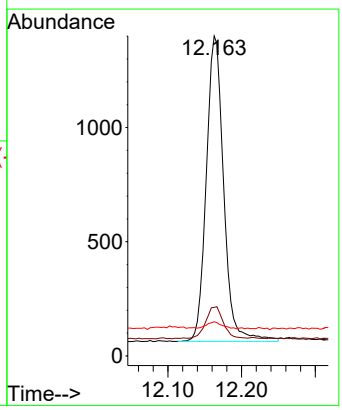


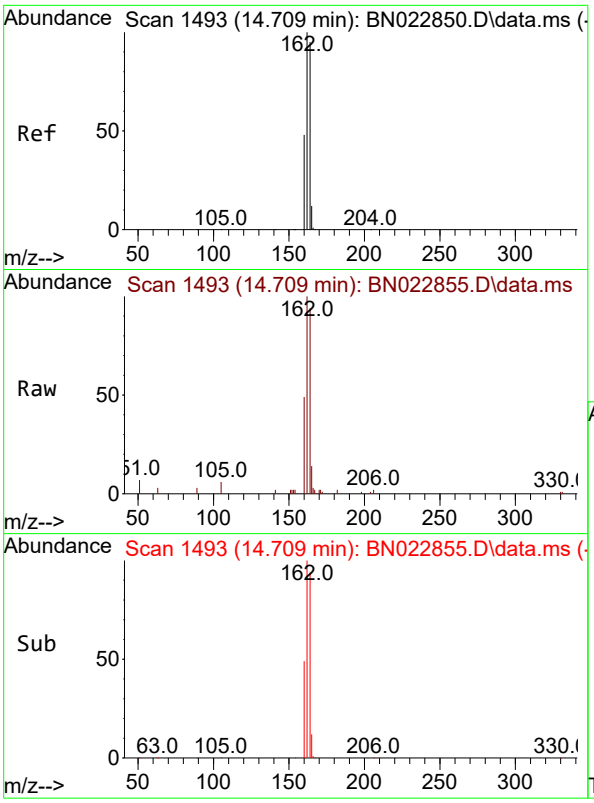


#12
2-Methylnaphthalene
Concen: 0.365 ng
RT: 12.163 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BN022855.D
Acq: 23 Nov 2022 21:00

Tgt Ion:142 Resp: 2191

Ion	Ratio	Lower	Upper
142	100		
141	15.2	13.7	20.5
115	10.7	10.6	16.0



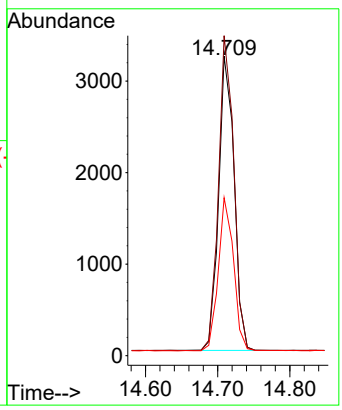


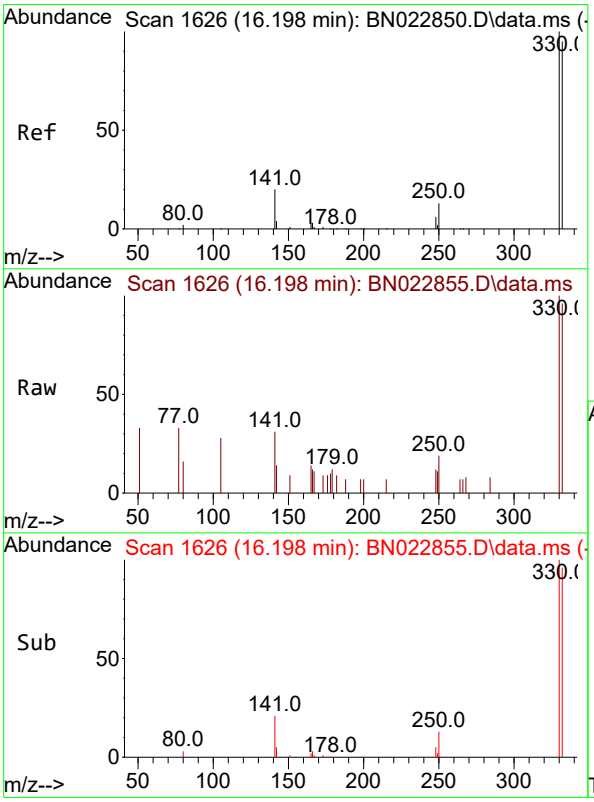
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.709 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN022855.D
Acq: 23 Nov 2022 21:00

Instrument :
BNA_N
ClientSampleId :
ICVBN112322

Tgt Ion:164 Resp: 4781

Ion	Ratio	Lower	Upper
164	100		
162	106.8	84.2	126.4
160	52.7	41.6	62.4

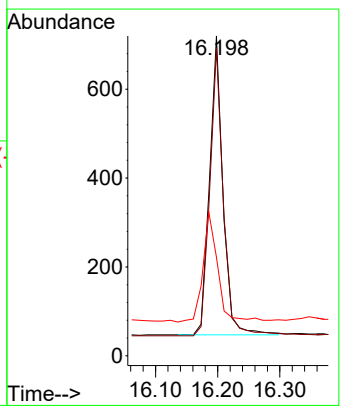


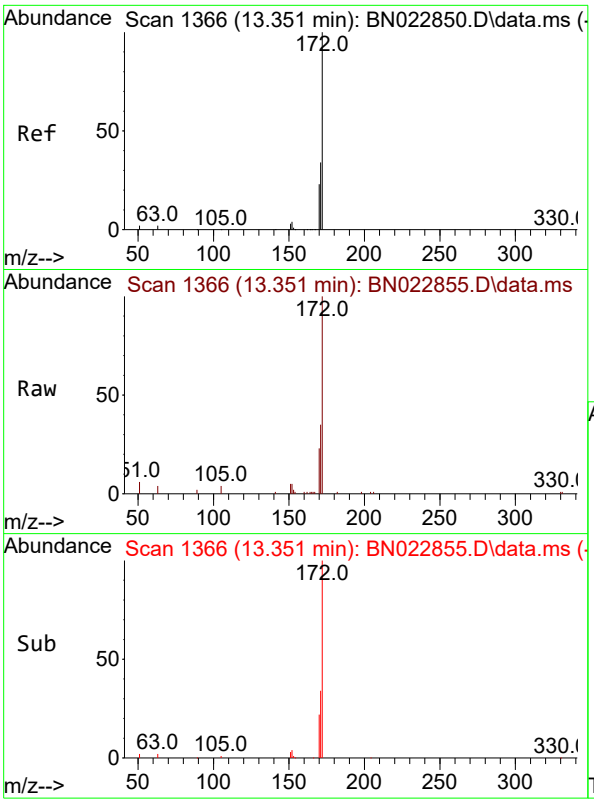


#14
2,4,6-Tribromophenol
Concen: 0.360 ng
RT: 16.198 min Scan# 1626
Delta R.T. 0.000 min
Lab File: BN022855.D
Acq: 23 Nov 2022 21:00

Tgt Ion:330 Resp: 1011

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.4	116.2
141	40.7	29.3	43.9



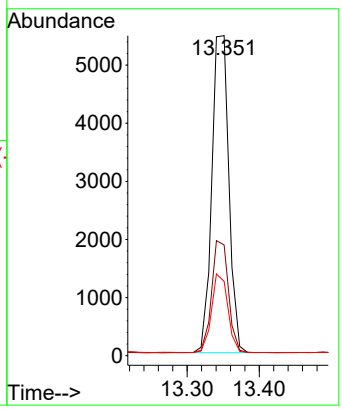


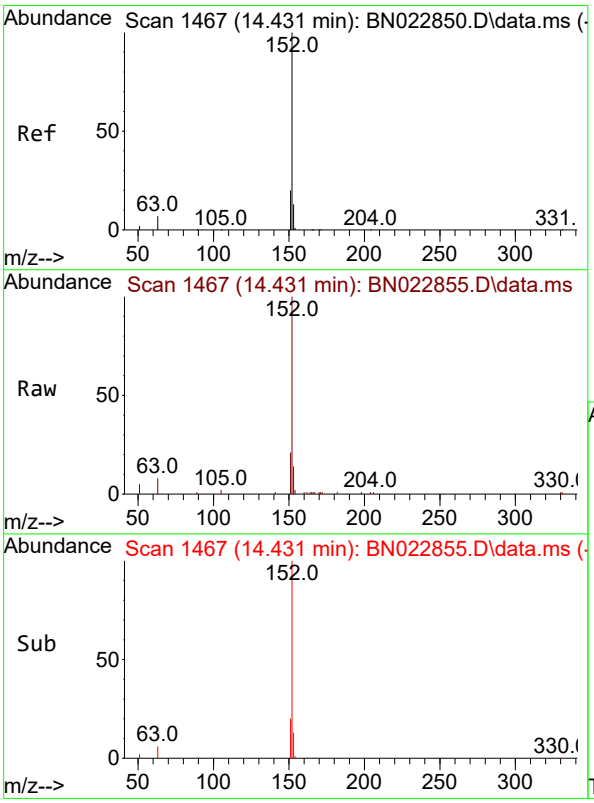
#15
2-Fluorobiphenyl
Concen: 0.425 ng
RT: 13.351 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022855.D
Acq: 23 Nov 2022 21:00

Instrument :
BNA_N
ClientSampleId :
ICVBN112322

Tgt Ion:172 Resp: 8953

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.8	41.8
170	23.2	18.9	28.3

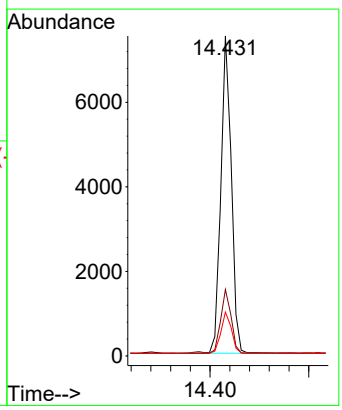


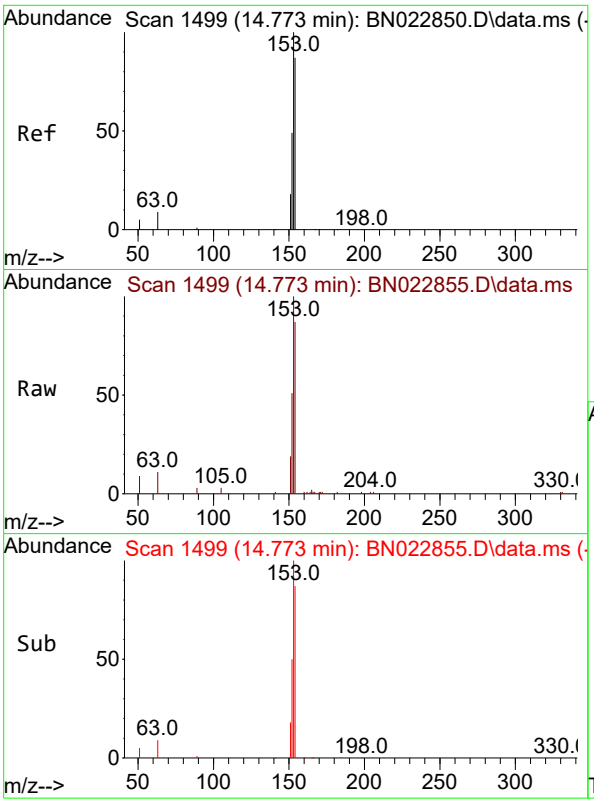


#16
Acenaphthylene
Concen: 0.404 ng
RT: 14.431 min Scan# 1467
Delta R.T. 0.000 min
Lab File: BN022855.D
Acq: 23 Nov 2022 21:00

Tgt Ion:152 Resp: 11052

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.9	23.9
153	13.1	10.4	15.6



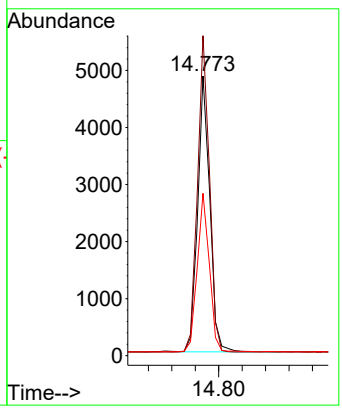


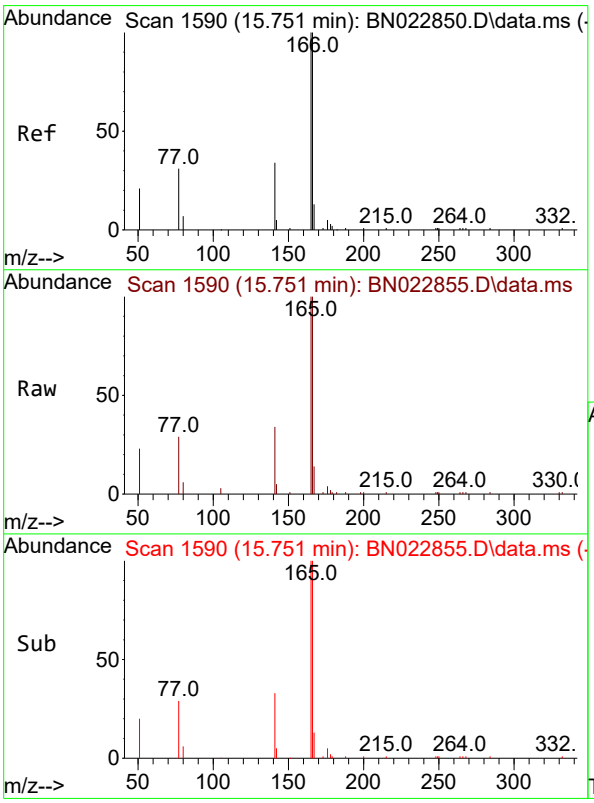
#17
Acenaphthene
Concen: 0.411 ng
RT: 14.773 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN022855.D
Acq: 23 Nov 2022 21:00

Instrument :
BNA_N
ClientSampleId :
ICVBN112322

Tgt Ion:154 Resp: 6938

Ion	Ratio	Lower	Upper
154	100		
153	113.3	89.6	134.4
152	57.5	44.3	66.5

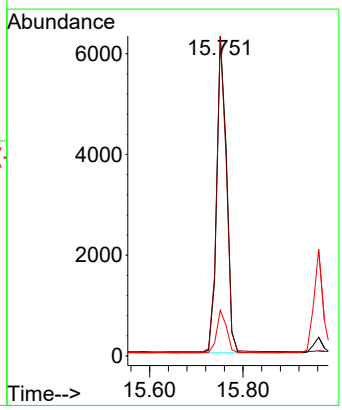


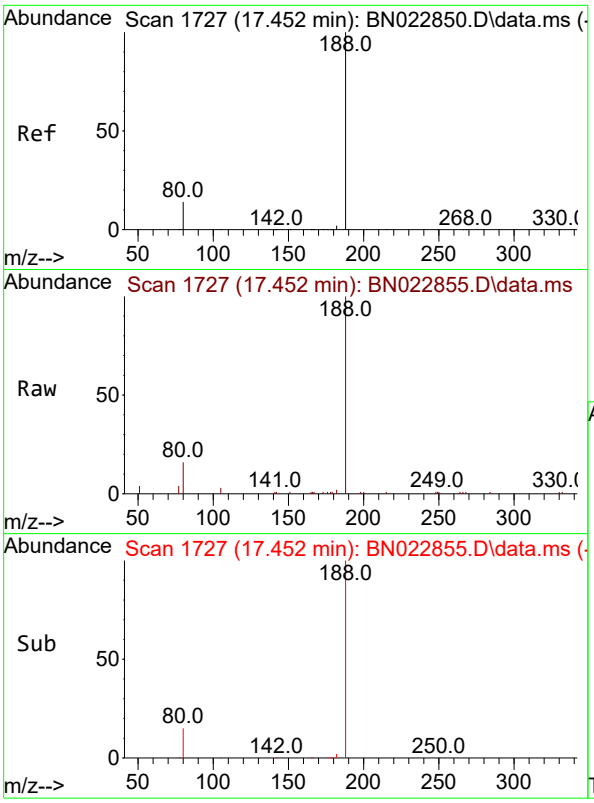


#18
Fluorene
Concen: 0.407 ng
RT: 15.751 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BN022855.D
Acq: 23 Nov 2022 21:00

Tgt Ion:166 Resp: 8846

Ion	Ratio	Lower	Upper
166	100		
165	100.1	79.9	119.9
167	13.4	11.3	16.9



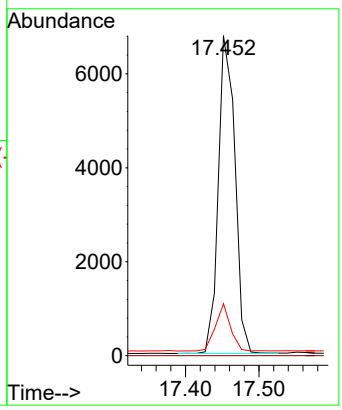


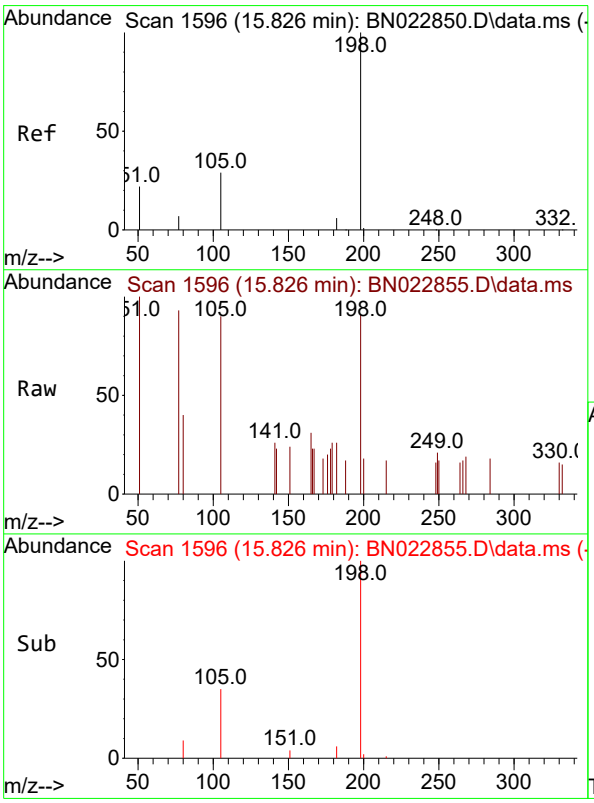
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.452 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022855.D
Acq: 23 Nov 2022 21:00

Instrument :
BNA_N
ClientSampleId :
ICVBN112322

Tgt Ion:188 Resp: 10616

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	16.3	13.0	19.6

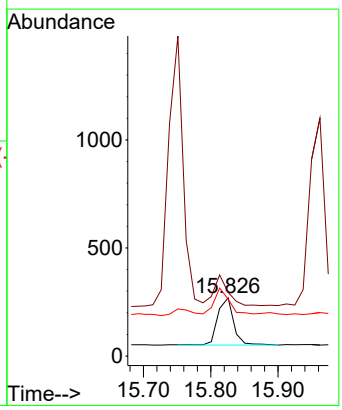


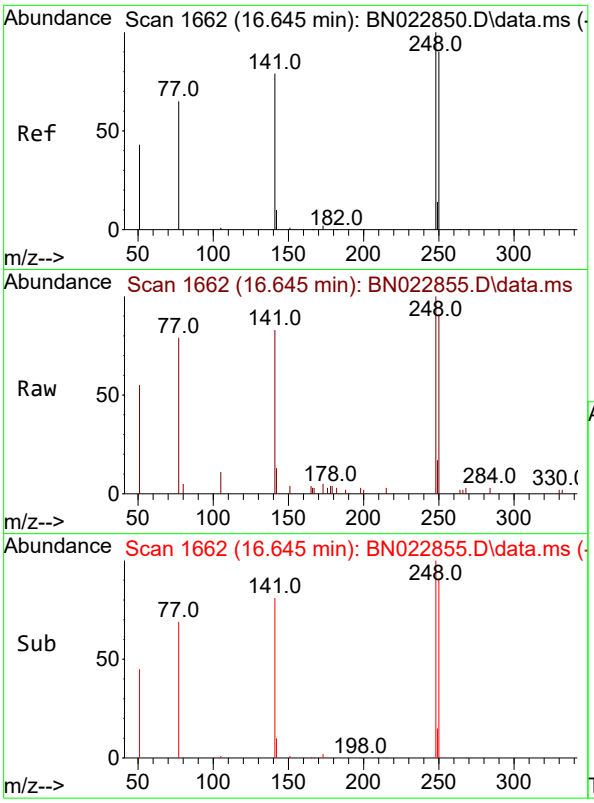


#20
4,6-Dinitro-2-methylphenol
Concen: 0.377 ng
RT: 15.826 min Scan# 1596
Delta R.T. 0.000 min
Lab File: BN022855.D
Acq: 23 Nov 2022 21:00

Tgt Ion:198 Resp: 355

Ion	Ratio	Lower	Upper
198	100		
51	109.3	104.4	156.6
105	98.1	100.2	150.4#



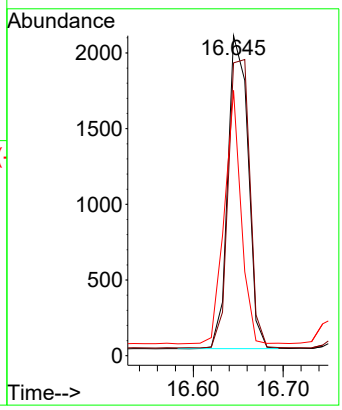


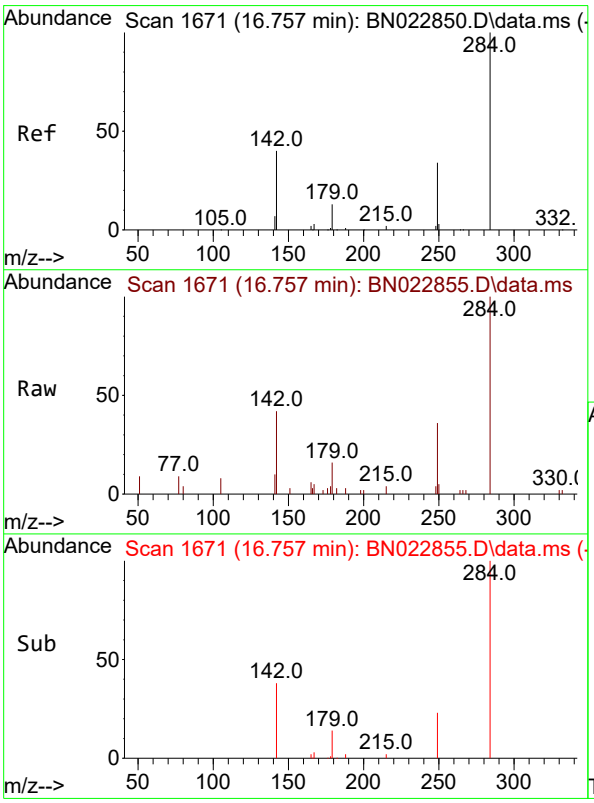
#21
4-Bromophenyl-phenylether
Concen: 0.411 ng
RT: 16.645 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN022855.D
Acq: 23 Nov 2022 21:00

Instrument :
BNA_N
ClientSampleId :
ICVBN112322

Tgt Ion:248 Resp: 3243

Ion	Ratio	Lower	Upper
248	100		
250	91.5	72.8	109.2
141	82.9	65.6	98.4

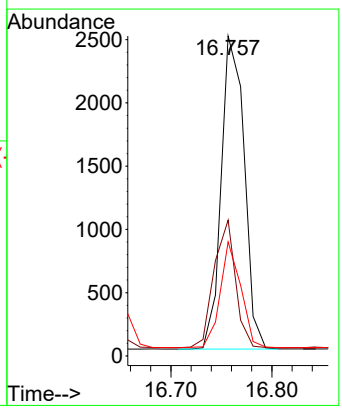


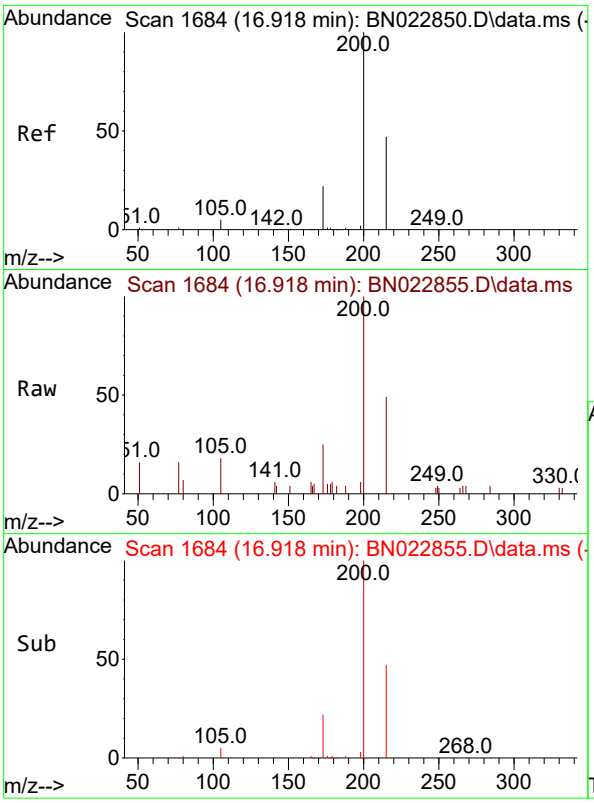


#22
Hexachlorobenzene
Concen: 0.427 ng
RT: 16.757 min Scan# 1671
Delta R.T. 0.000 min
Lab File: BN022855.D
Acq: 23 Nov 2022 21:00

Tgt Ion:284 Resp: 3917

Ion	Ratio	Lower	Upper
284	100		
142	38.0	29.0	43.4
249	30.3	24.3	36.5



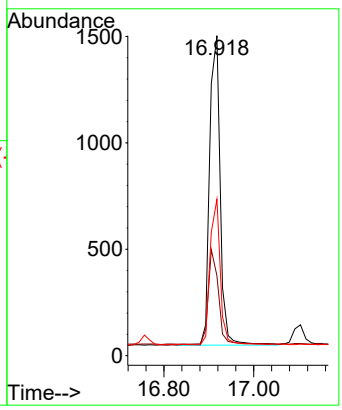


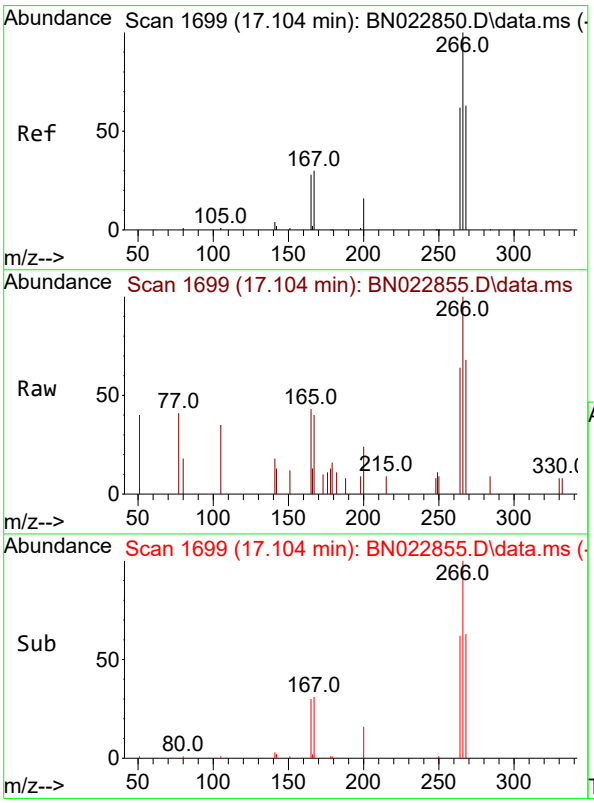
#23
Atrazine
Concen: 0.378 ng
RT: 16.918 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN022855.D
Acq: 23 Nov 2022 21:00

Instrument :
BNA_N
ClientSampleId :
ICVBN112322

Tgt Ion:200 Resp: 2366

Ion	Ratio	Lower	Upper
200	100		
173	25.0	20.1	30.1
215	48.9	39.1	58.7

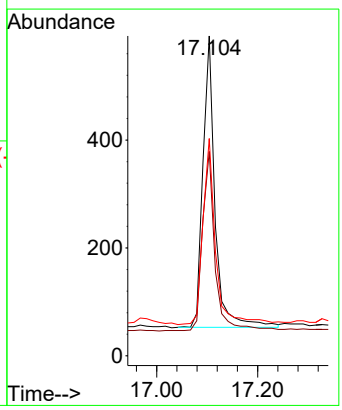


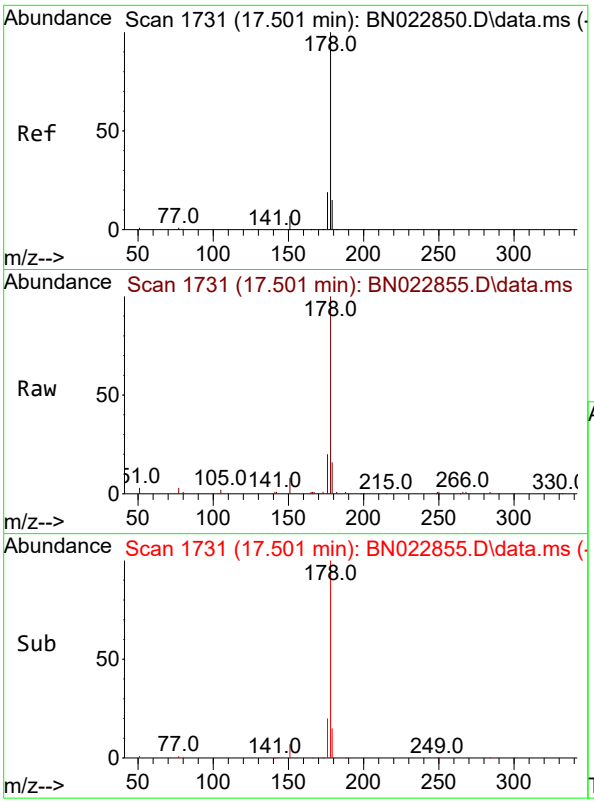


#24
Pentachlorophenol
Concen: 0.316 ng
RT: 17.104 min Scan# 1699
Delta R.T. 0.000 min
Lab File: BN022855.D
Acq: 23 Nov 2022 21:00

Tgt Ion:266 Resp: 903

Ion	Ratio	Lower	Upper
266	100		
264	62.8	48.6	73.0
268	67.6	50.3	75.5



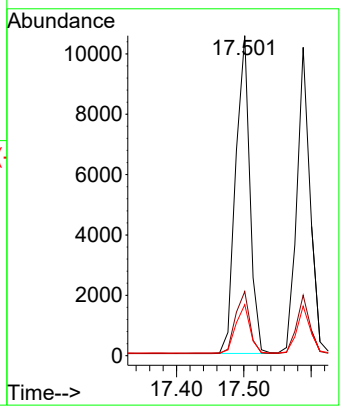


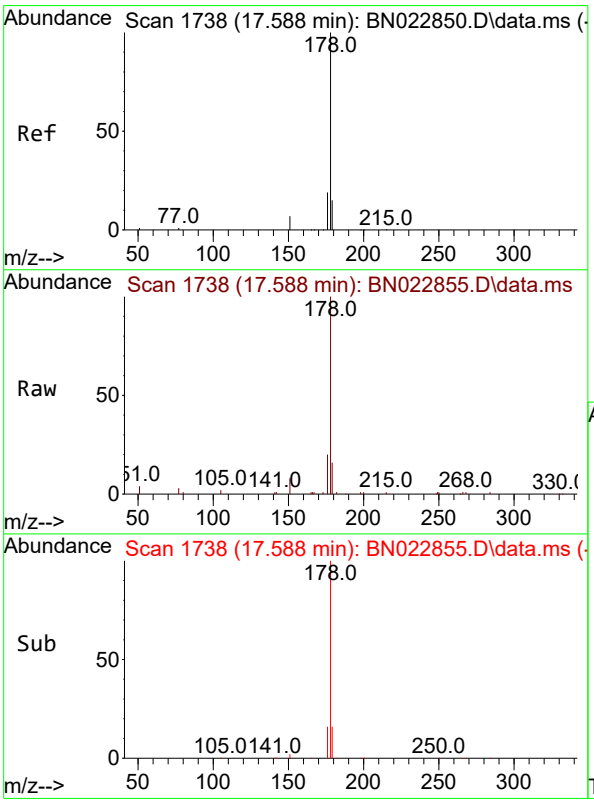
#25
Phenanthrene
Concen: 0.423 ng
RT: 17.501 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022855.D
Acq: 23 Nov 2022 21:00

Instrument :
BNA_N
ClientSampleId :
ICVBN112322

Tgt Ion:178 Resp: 15390

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.7	23.5
179	15.3	12.2	18.2

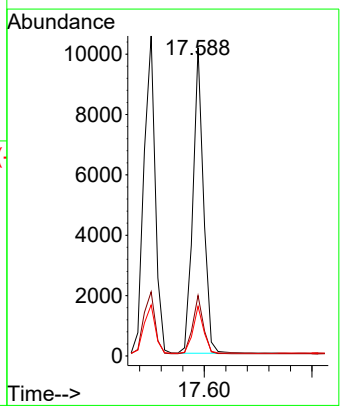


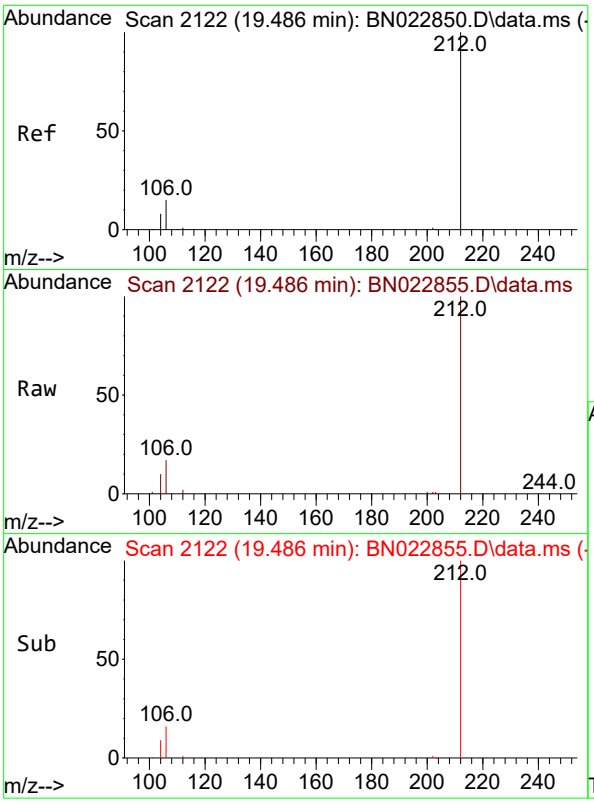


#26
Anthracene
Concen: 0.403 ng
RT: 17.588 min Scan# 1738
Delta R.T. 0.000 min
Lab File: BN022855.D
Acq: 23 Nov 2022 21:00

Tgt Ion:178 Resp: 13863

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.1	22.7
179	15.5	12.2	18.4



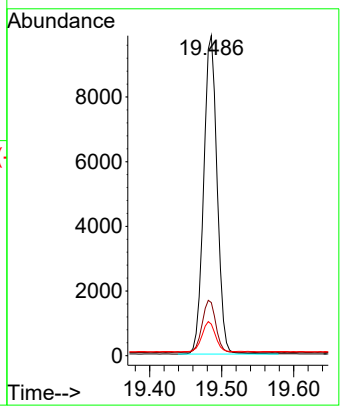


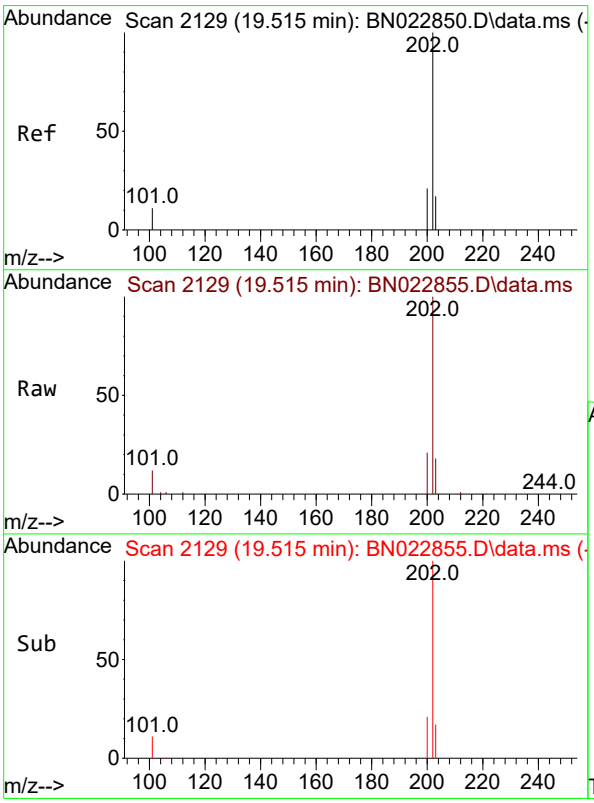
#27
Fluoranthene-d10
Concen: 0.407 ng
RT: 19.486 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN022855.D
Acq: 23 Nov 2022 21:00

Instrument :
BNA_N
ClientSampleId :
ICVBN112322

Tgt Ion:212 Resp: 12707

Ion	Ratio	Lower	Upper
212	100		
106	16.6	13.0	19.4
104	9.4	7.4	11.0

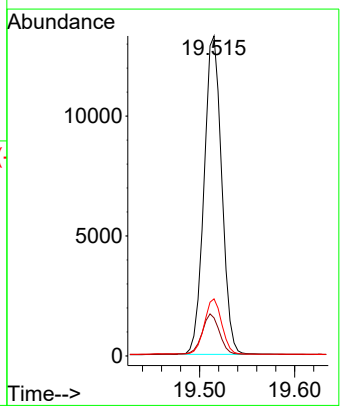


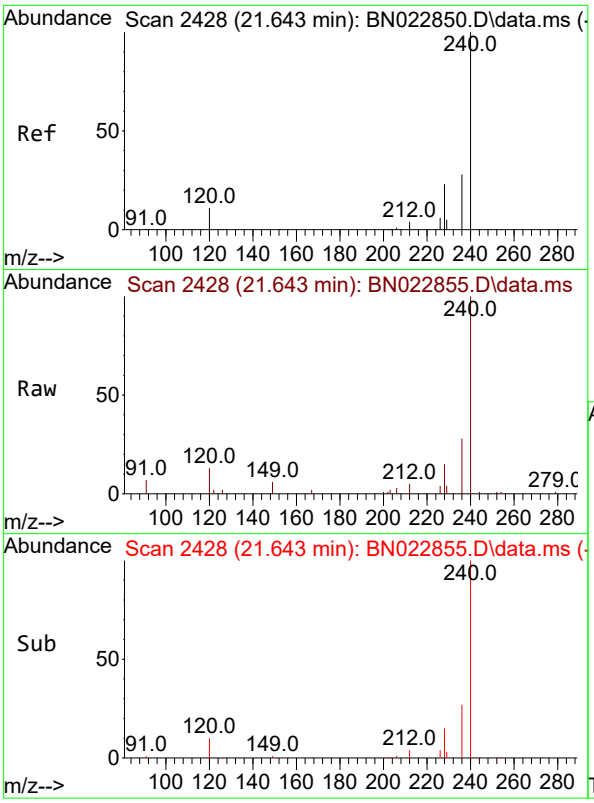


#28
Fluoranthene
Concen: 0.415 ng
RT: 19.515 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BN022855.D
Acq: 23 Nov 2022 21:00

Tgt Ion:202 Resp: 17093

Ion	Ratio	Lower	Upper
202	100		
101	12.7	10.0	15.0
203	17.2	13.8	20.8



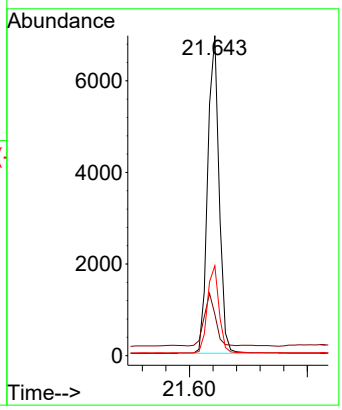


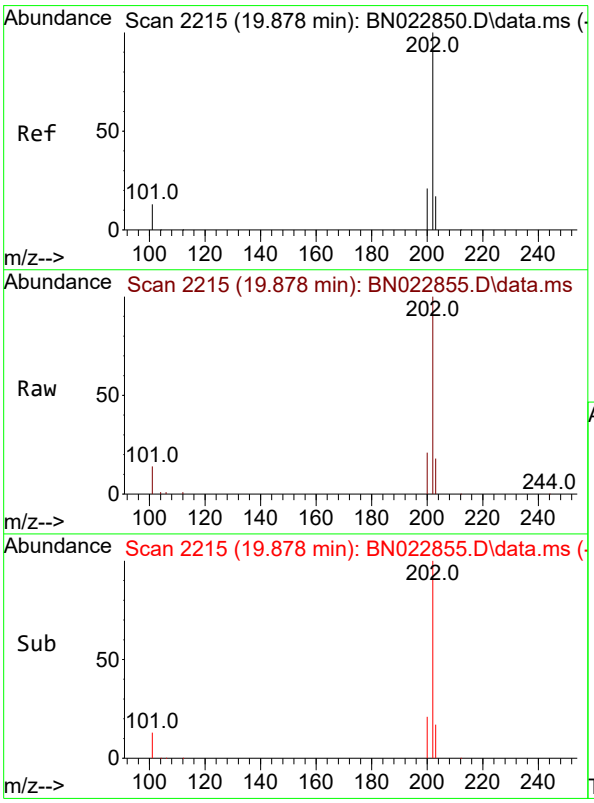
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.643 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN022855.D
Acq: 23 Nov 2022 21:00

Instrument :
BNA_N
ClientSampleId :
ICVBN112322

Tgt Ion:240 Resp: 9325

Ion	Ratio	Lower	Upper
240	100		
120	13.0	11.6	17.4
236	28.1	22.8	34.2

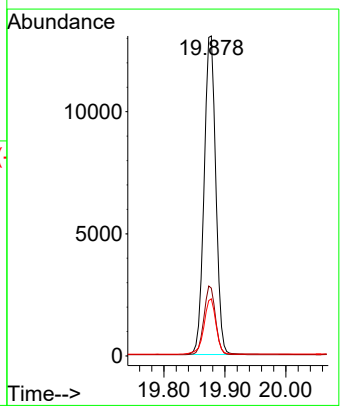


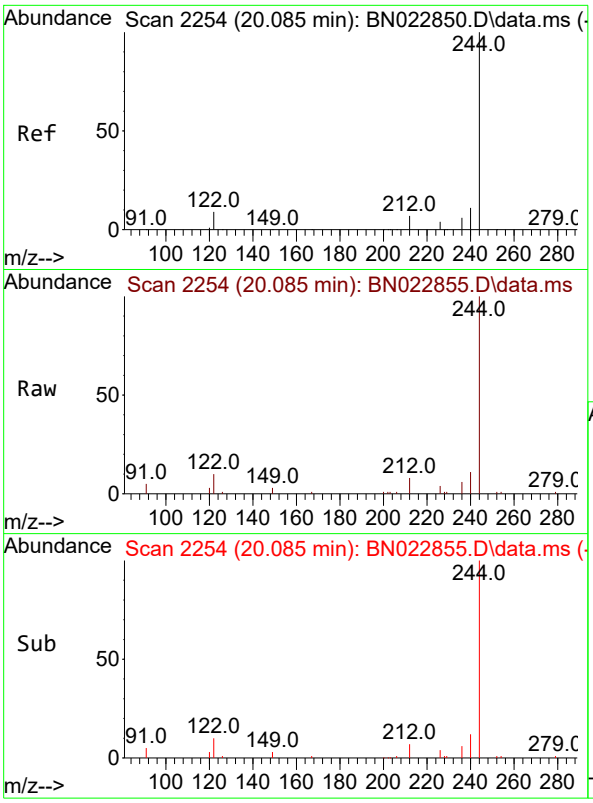


#30
Pyrene
Concen: 0.406 ng
RT: 19.878 min Scan# 2215
Delta R.T. 0.000 min
Lab File: BN022855.D
Acq: 23 Nov 2022 21:00

Tgt Ion:202 Resp: 17438

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.1	25.7
203	17.7	14.3	21.5



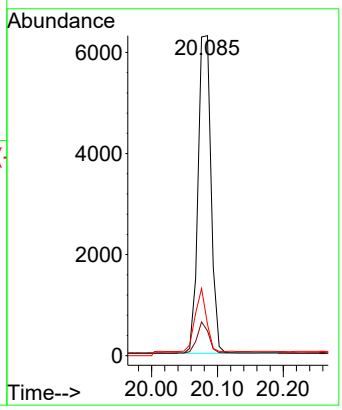


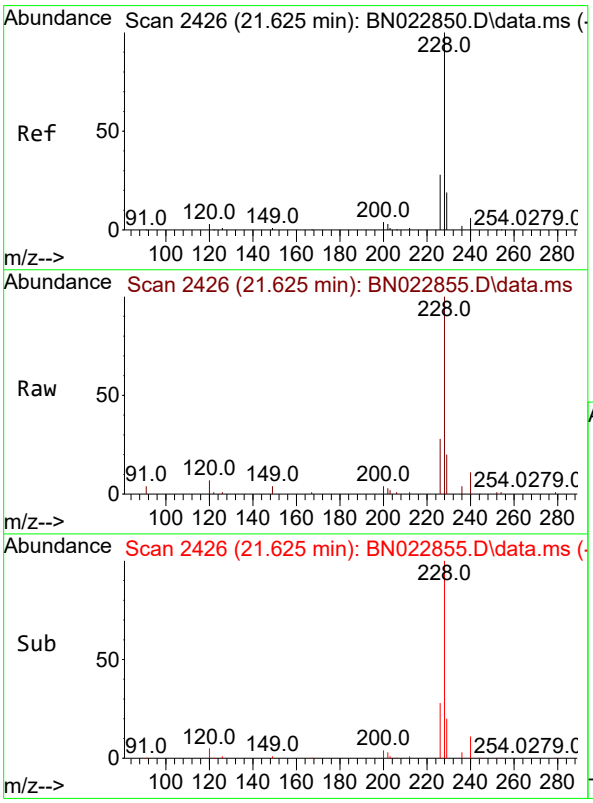
#31
Terphenyl-d14
Concen: 0.407 ng
RT: 20.085 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN022855.D
Acq: 23 Nov 2022 21:00

Instrument :
BNA_N
ClientSampleId :
ICVBN112322

Tgt Ion:244 Resp: 8616

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.4
122	9.8	8.6	12.8

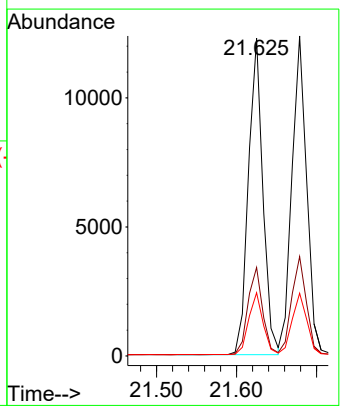


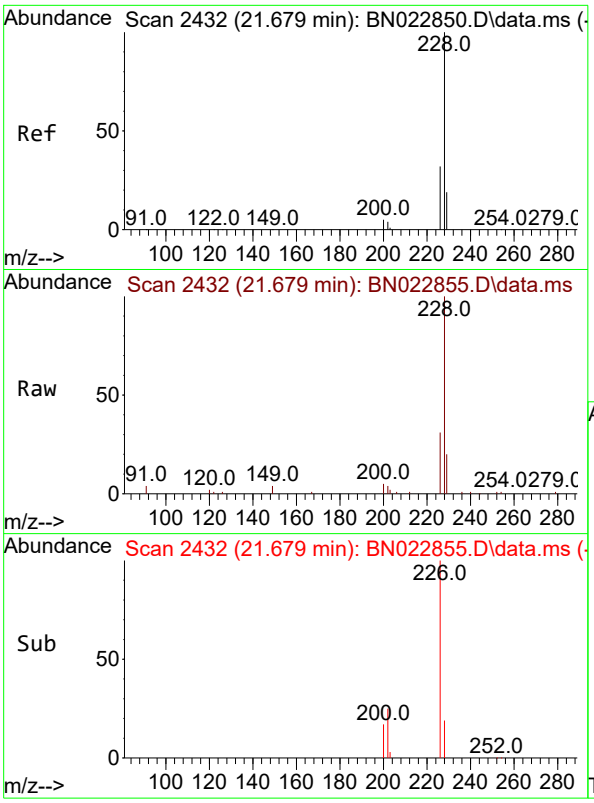


#32
Benzo(a)anthracene
Concen: 0.398 ng
RT: 21.625 min Scan# 2426
Delta R.T. 0.000 min
Lab File: BN022855.D
Acq: 23 Nov 2022 21:00

Tgt Ion:228 Resp: 15442

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	19.9	15.8	23.6



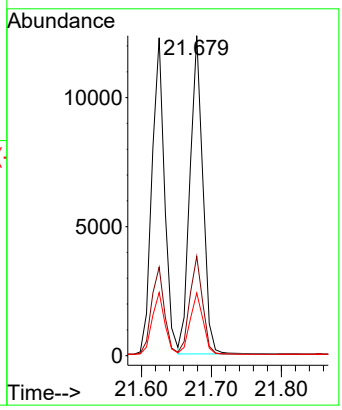


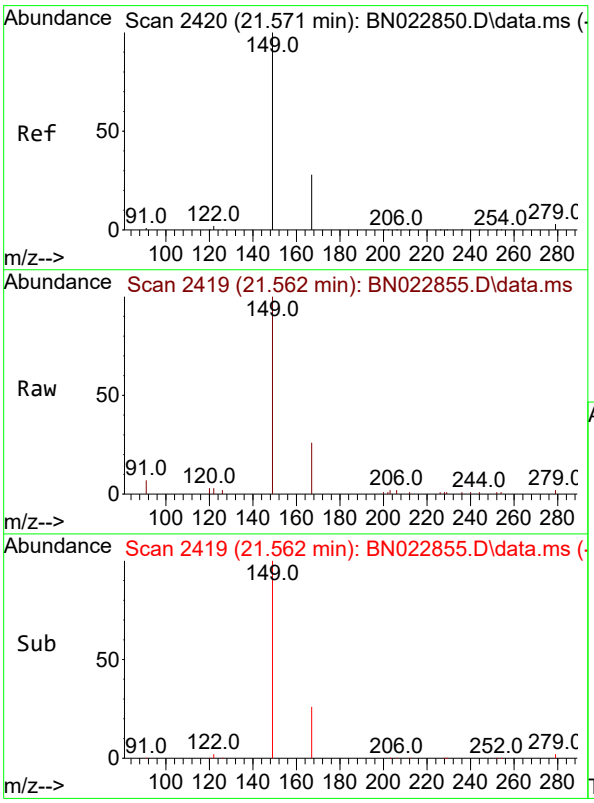
#33
Chrysene
Concen: 0.417 ng
RT: 21.679 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN022855.D
Acq: 23 Nov 2022 21:00

Instrument :
BNA_N
ClientSampleId :
ICVBN112322

Tgt Ion:228 Resp: 15742

Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.4	38.0
229	19.6	15.6	23.4

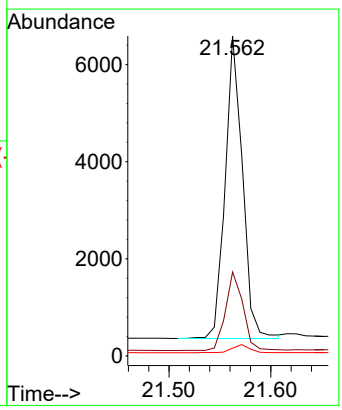


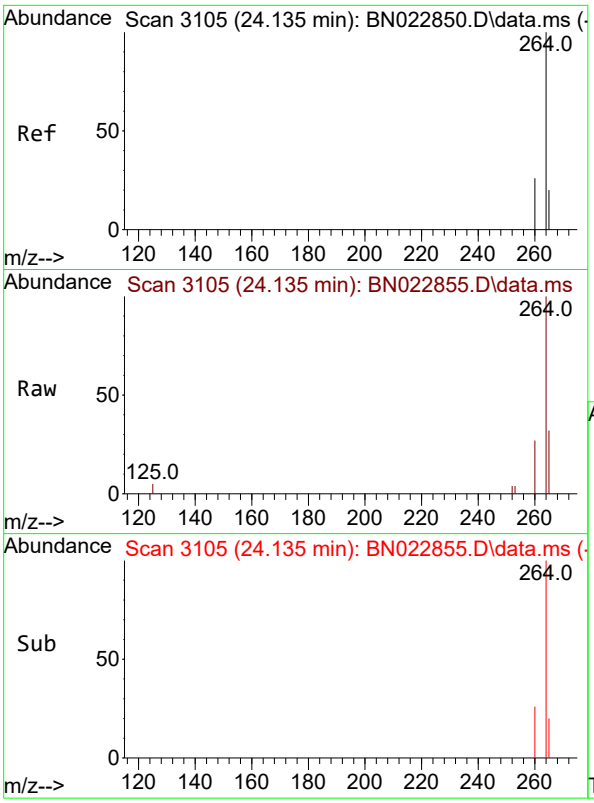


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.319 ng
RT: 21.562 min Scan# 2419
Delta R.T. -0.009 min
Lab File: BN022855.D
Acq: 23 Nov 2022 21:00

Tgt Ion:149 Resp: 7350

Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.6	32.4
279	2.8	2.5	3.7



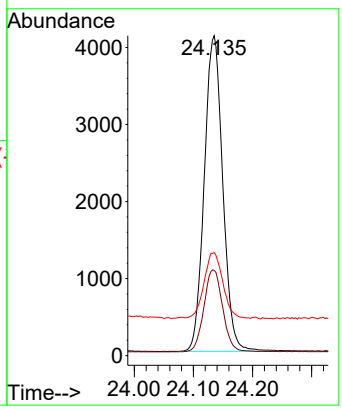


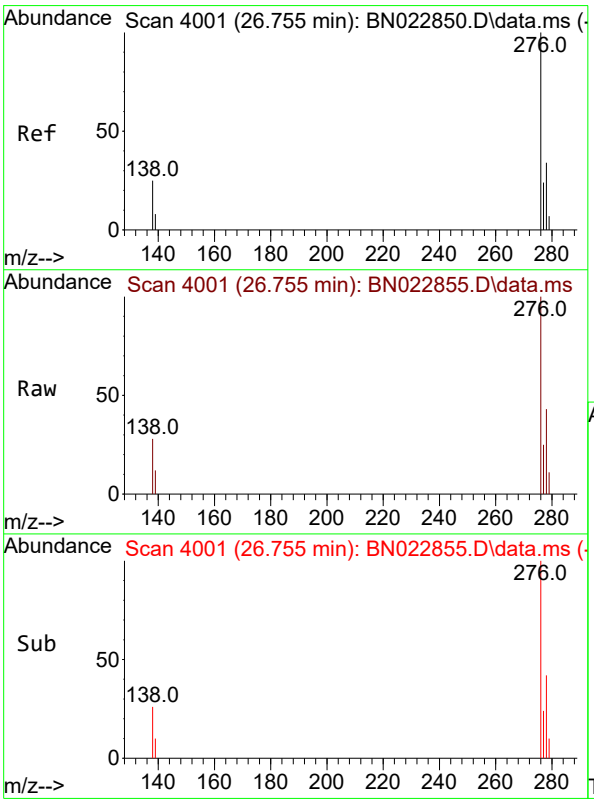
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.135 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN022855.D
Acq: 23 Nov 2022 21:00

Instrument :
BNA_N
ClientSampleId :
ICVBN112322

Tgt Ion:264 Resp: 8919

Ion	Ratio	Lower	Upper
264	100		
260	26.7	21.2	31.8
265	32.2	22.8	34.2

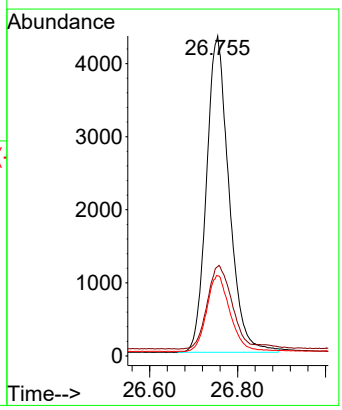


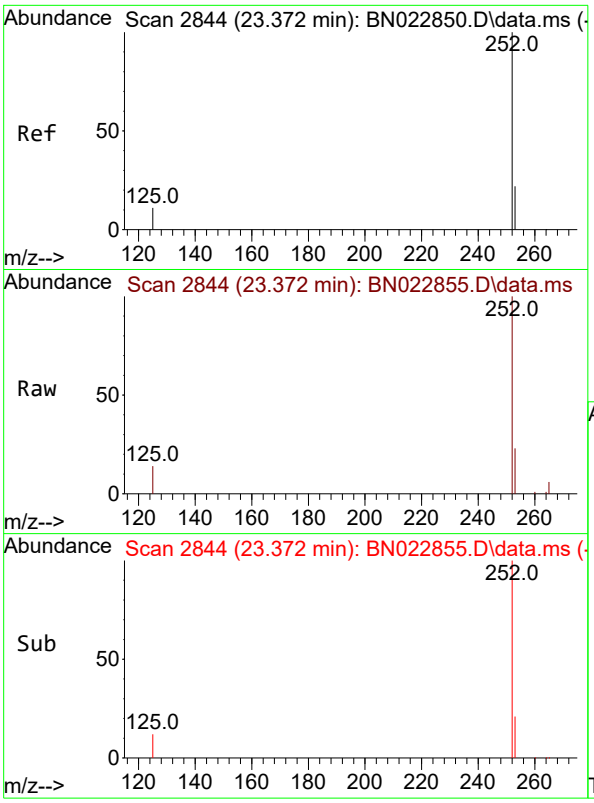


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.379 ng
RT: 26.755 min Scan# 4001
Delta R.T. 0.000 min
Lab File: BN022855.D
Acq: 23 Nov 2022 21:00

Tgt Ion:276 Resp: 15420

Ion	Ratio	Lower	Upper
276	100		
138	29.0	22.7	34.1
277	24.7	19.8	29.6



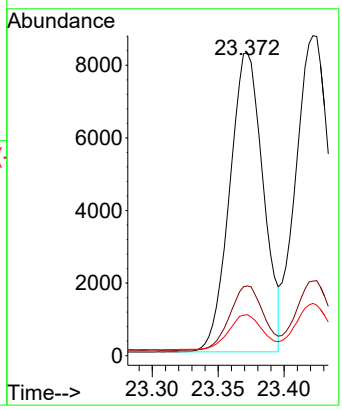


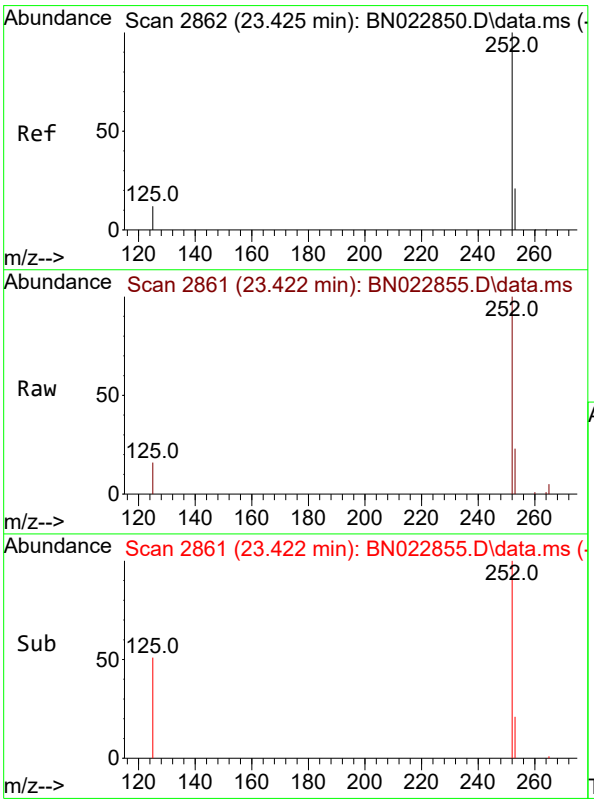
#37
Benzo(b)fluoranthene
Concen: 0.398 ng
RT: 23.372 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN022855.D
Acq: 23 Nov 2022 21:00

Instrument :
BNA_N
ClientSampleId :
ICVBN112322

Tgt Ion:252 Resp: 14597

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.7	28.1
125	13.6	10.7	16.1

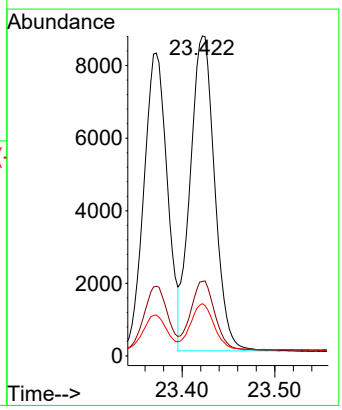


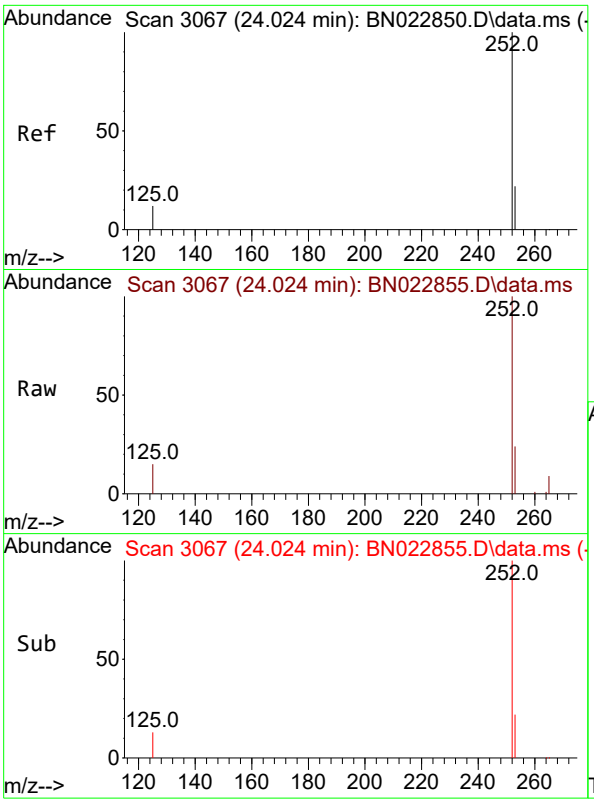


#38
Benzo(k)fluoranthene
Concen: 0.423 ng
RT: 23.422 min Scan# 2861
Delta R.T. -0.003 min
Lab File: BN022855.D
Acq: 23 Nov 2022 21:00

Tgt Ion:252 Resp: 15902

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.3	27.5
125	16.4	11.4	17.0



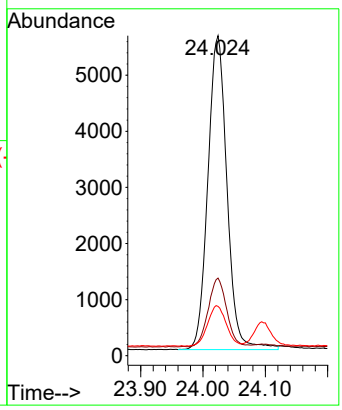


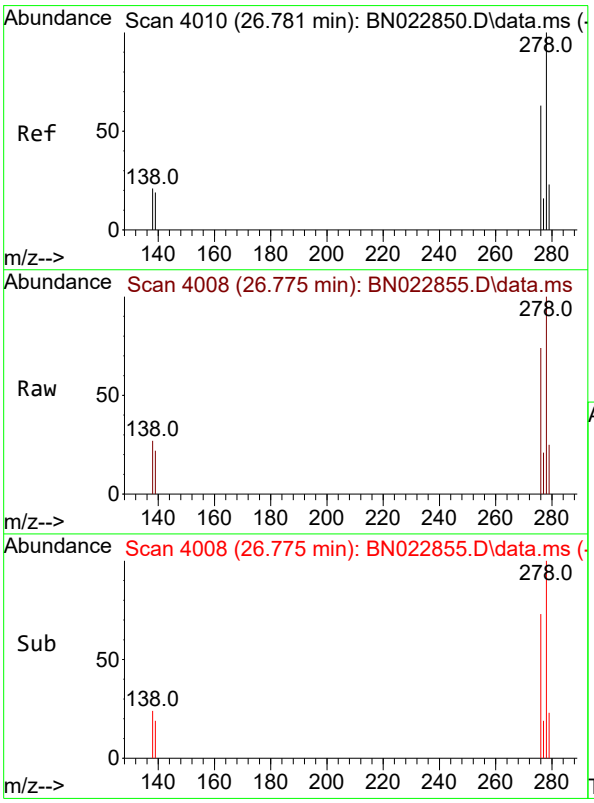
#39
Benzo(a)pyrene
Concen: 0.395 ng
RT: 24.024 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN022855.D
Acq: 23 Nov 2022 21:00

Instrument :
BNA_N
ClientSampleId :
ICVBN112322

Tgt Ion:252 Resp: 11909

Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.1	28.7
125	15.4	12.2	18.4

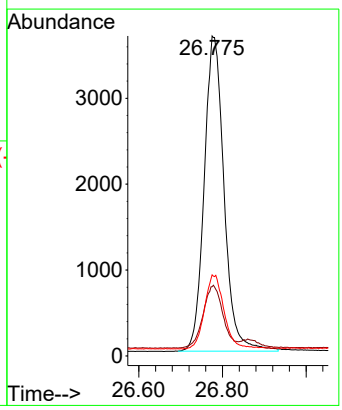


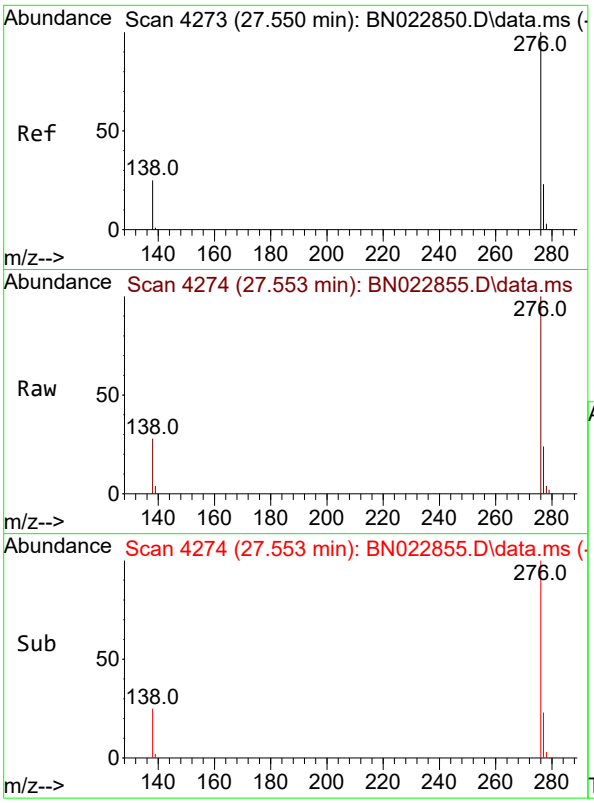


#40
Dibenzo(a,h)anthracene
Concen: 0.381 ng
RT: 26.775 min Scan# 4008
Delta R.T. -0.006 min
Lab File: BN022855.D
Acq: 23 Nov 2022 21:00

Tgt Ion:278 Resp: 12117

Ion	Ratio	Lower	Upper
278	100		
139	21.7	17.2	25.8
279	25.3	19.8	29.8





#41
Benzo(g,h,i)perylene
Concen: 0.388 ng
RT: 27.553 min Scan# 4
Delta R.T. 0.003 min
Lab File: BN022855.D
Acq: 23 Nov 2022 21:00

Instrument :
BNA_N
ClientSampleId :
ICVBN112322

Tgt Ion:276 Resp: 13048

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.6	29.4
138	27.5	22.0	33.0