Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112322\
Data File : BN022854.D
Acq On : 23 Nov 2022 19:45
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Nov 24 03:19:51 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	3424	0.400	ng		0.00
7) Naphthalene-d8	10.903	136	8549	0.400	ng	#	0.01
13) Acenaphthene-d10	14.709	164	5280	0.400	ng		0.00
19) Phenanthrene-d10	17.451	188	11407	0.400	ng		0.00
29) Chrysene-d12	21.647	240	10062	0.400	ng	#	0.00
35) Perylene-d12	24.136	264	9245	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.608	112	45074	4.273	ng		0.00
5) Phenol-d6	7.218	99	59062	4.510	ng		0.00
8) Nitrobenzene-d5	9.238	82	34850	3.990	ng		0.00
11) 2-Methylnaphthalene-d10	12.480	152	107276	7.561	ng		0.00
14) 2,4,6-Tribromophenol	16.198	330	16916	5.771	ng		0.00
15) 2-Fluorobiphenyl	13.351	172	116438	5.493	ng		0.00
27) Fluoranthene-d10	19.485	212	169193	5.105	ng		0.00
31) Terphenyl-d14	20.079	244	112873	3.681	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.448	88	19840	4.124	ng		98
3) n-Nitrosodimethylamine	3.766	42	25366	4.592	ng	#	93
6) bis(2-Chloroethyl)ether	7.493	93	53799	4.779	ng		95
9) Naphthalene	10.946	128	133711	3.797	ng		97
10) Hexachlorobutadiene	11.245	225	27036	5.853	ng	#	100
12) 2-Methylnaphthalene	12.166	142	34738	5.807	ng	#	80
16) Acenaphthylene	14.431	152	154367	6.163	ng		100
17) Acenaphthene	14.773	154	94724	5.637	ng		99
18) Fluorene	15.751	166	120553	4.838	ng		99
20) 4,6-Dinitro-2-methylph...	15.825	198	6531	2.922	ng	#	21
21) 4-Bromophenyl-phenylether	16.644	248	42638	6.283	ng		97
22) Hexachlorobenzene	16.769	284	50020	6.648	ng		99
23) Atrazine	16.918	200	34906	5.388	ng		96
24) Pentachlorophenol	17.104	266	18711	5.420	ng		98
25) Phenanthrene	17.501	178	196810	4.972	ng		100
26) Anthracene	17.588	178	186056	5.654	ng		100
28) Fluoranthene	19.515	202	220472	5.299	ng		100
30) Pyrene	19.877	202	246828	5.859	ng		96
32) Benzo(a)anthracene	21.629	228	212337	5.508	ng		99
33) Chrysene	21.683	228	204562	5.356	ng		98
34) Bis(2-ethylhexyl)phtha...	21.566	149	135055	4.791	ng		99
36) Indeno(1,2,3-cd)pyrene	26.756	276	220272	5.586	ng		100
37) Benzo(b)fluoranthene	23.373	252	200628	5.460	ng		96
38) Benzo(k)fluoranthene	23.426	252	200154	5.363	ng		96
39) Benzo(a)pyrene	24.025	252	163369	5.431	ng		95
40) Dibenzo(a,h)anthracene	26.782	278	172069	5.451	ng		97
41) Benzo(g,h,i)perylene	27.557	276	178448	5.456	ng		96

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

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Misc :
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Instrument :
BNA_N
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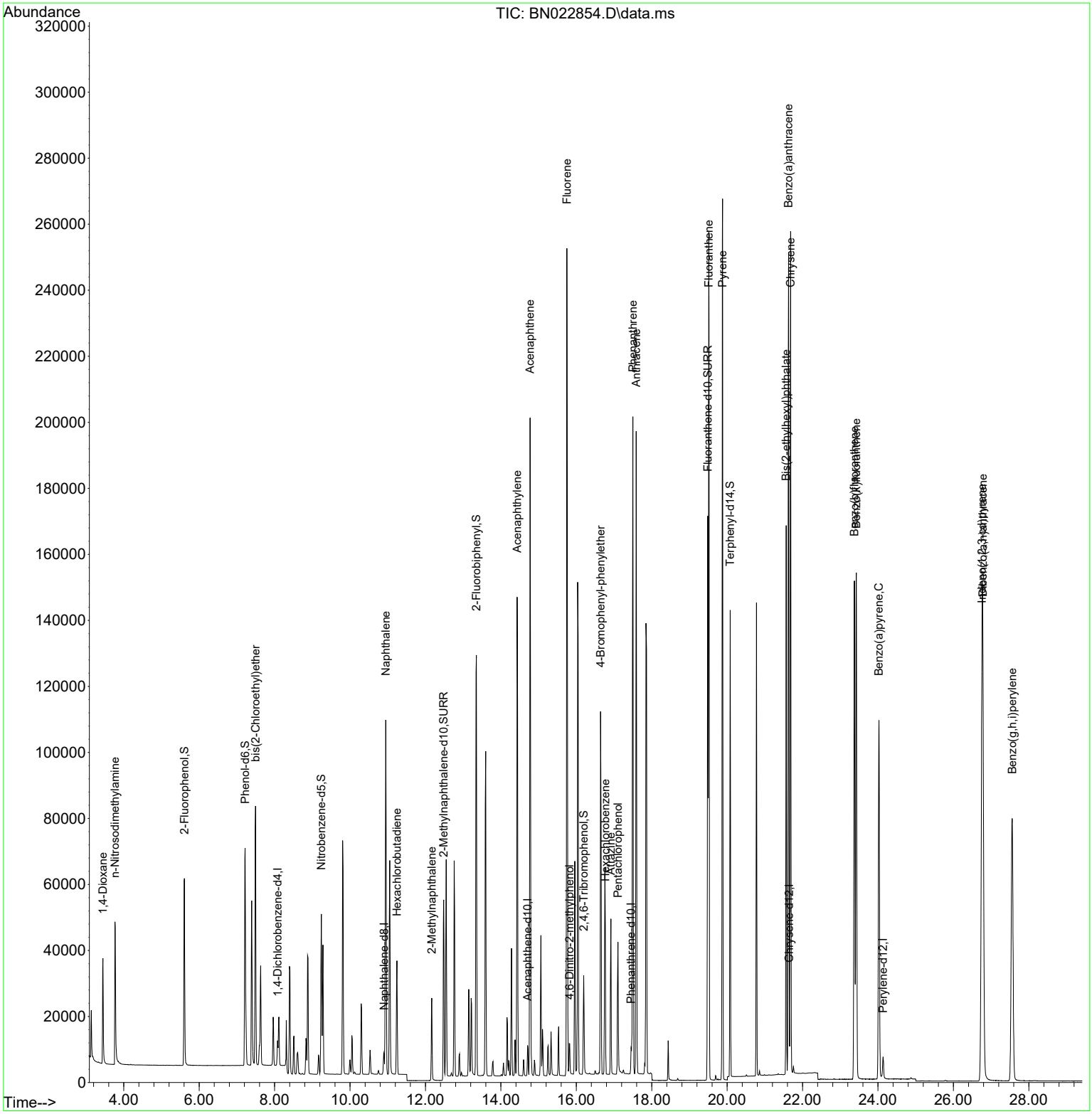
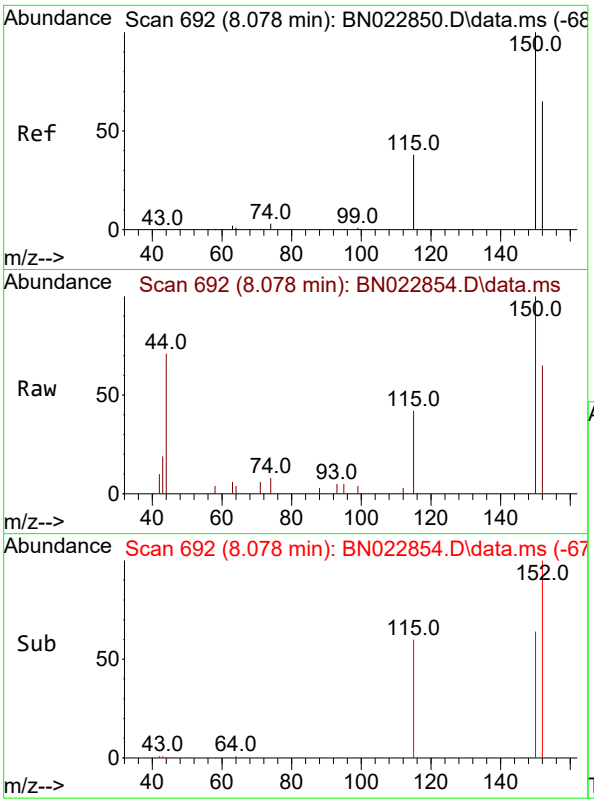
Quant Time: Nov 24 03:19:51 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 24 03:17:21 2022
Response via : Initial Calibration



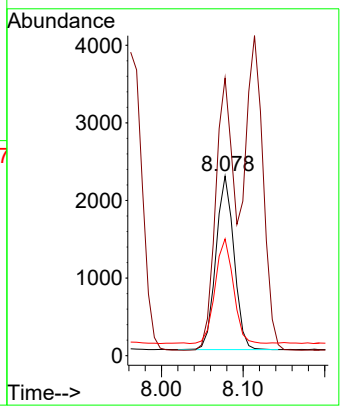


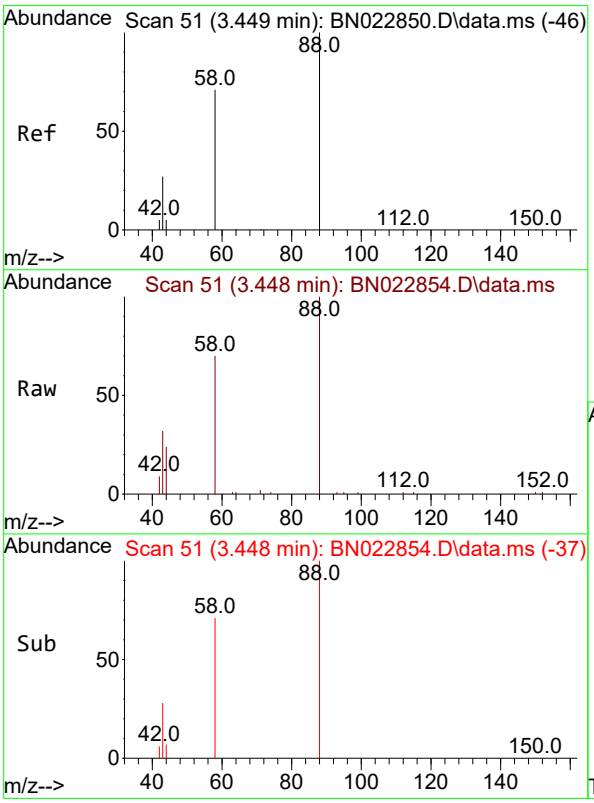
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.078 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN022854.D
Acq: 23 Nov 2022 19:45

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:152 Resp: 3424

Ion	Ratio	Lower	Upper
152	100		
150	154.6	120.4	180.6
115	65.1	53.8	80.8

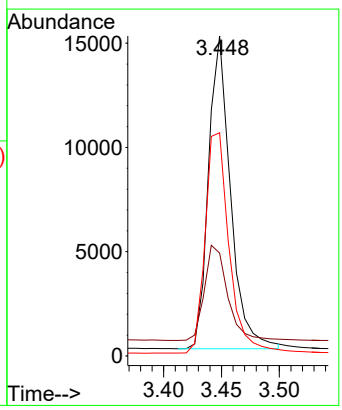


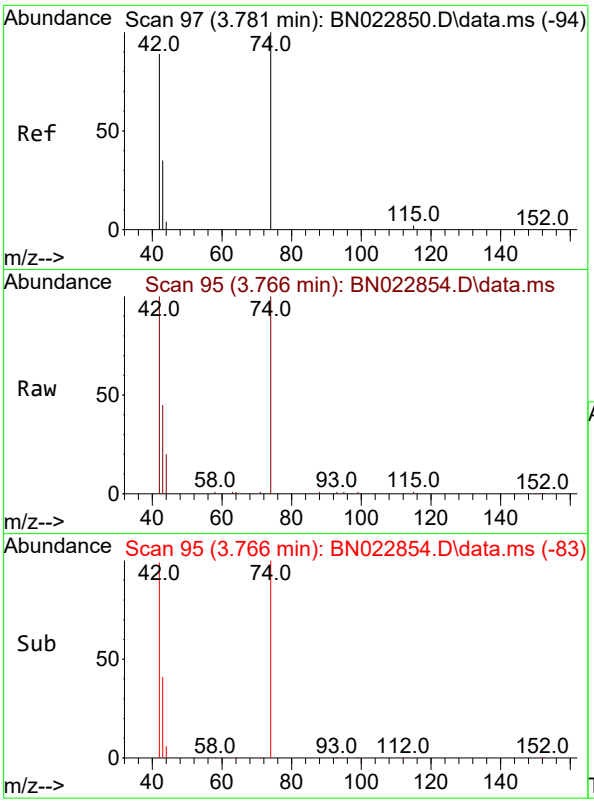


#2
1,4-Dioxane
Concen: 4.124 ng
RT: 3.448 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN022854.D
Acq: 23 Nov 2022 19:45

Tgt Ion: 88 Resp: 19840

Ion	Ratio	Lower	Upper
88	100		
43	31.8	27.8	41.8
58	76.6	61.1	91.7



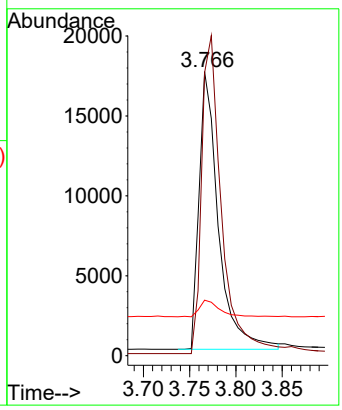


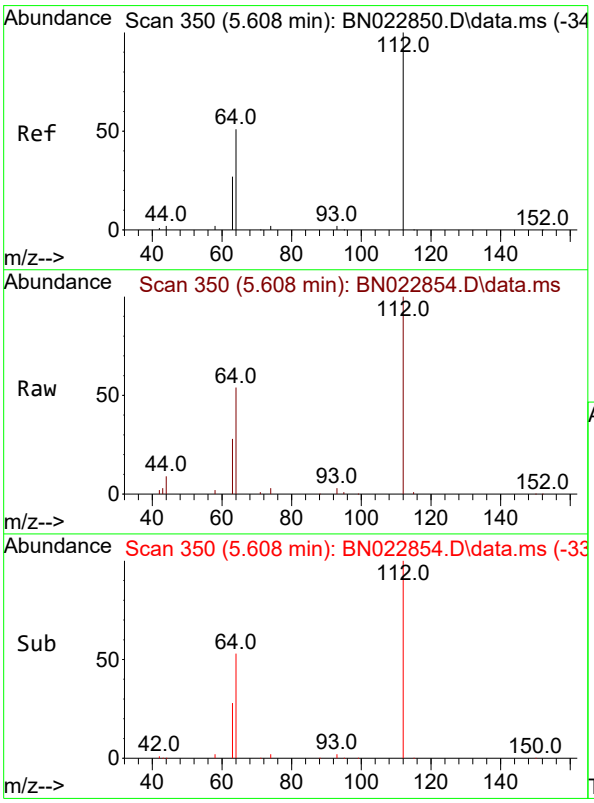
#3
n-Nitrosodimethylamine
Concen: 4.592 ng
RT: 3.766 min Scan# 9
Delta R.T. -0.015 min
Lab File: BN022854.D
Acq: 23 Nov 2022 19:45

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion: 42 Resp: 25366

Ion	Ratio	Lower	Upper
42	100		
74	118.2	89.9	134.9
44	6.3	10.5	15.7#

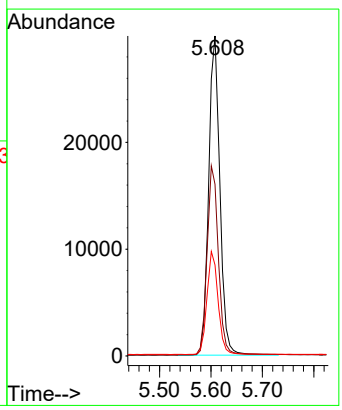


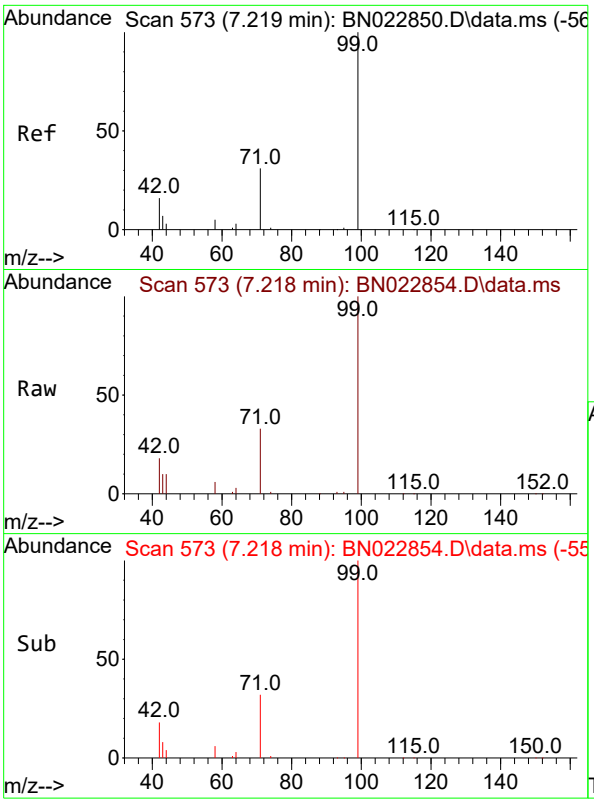


#4
2-Fluorophenol
Concen: 4.273 ng
RT: 5.608 min Scan# 350
Delta R.T. -0.000 min
Lab File: BN022854.D
Acq: 23 Nov 2022 19:45

Tgt Ion:112 Resp: 45074

Ion	Ratio	Lower	Upper
112	100		
64	60.0	47.9	71.9
63	32.3	25.1	37.7



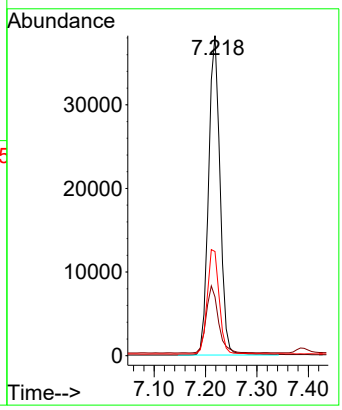


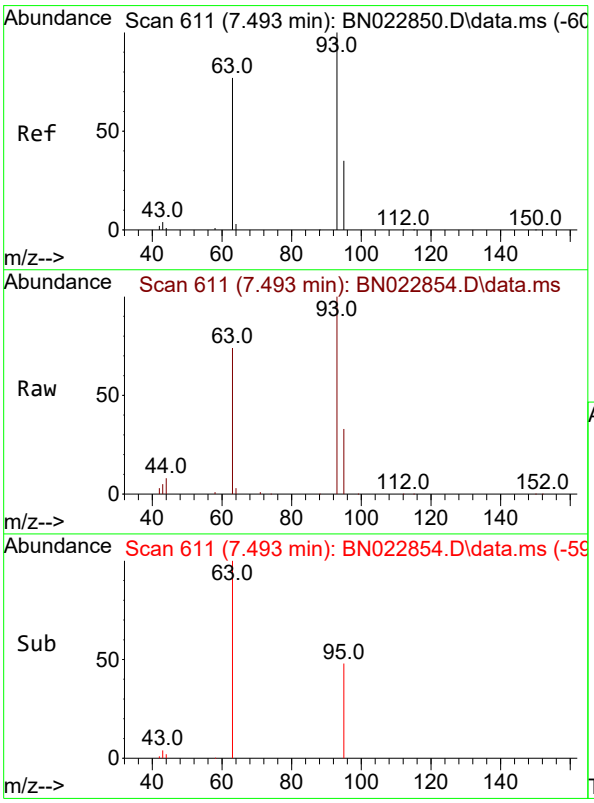
#5
Phenol-d6
Concen: 4.510 ng
RT: 7.218 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN022854.D
Acq: 23 Nov 2022 19:45

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion: 99 Resp: 59062

Ion	Ratio	Lower	Upper
99	100		
42	22.2	19.0	28.6
71	34.2	27.4	41.0

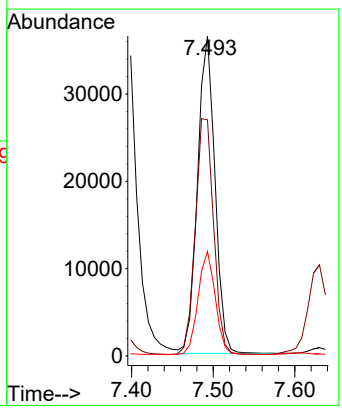


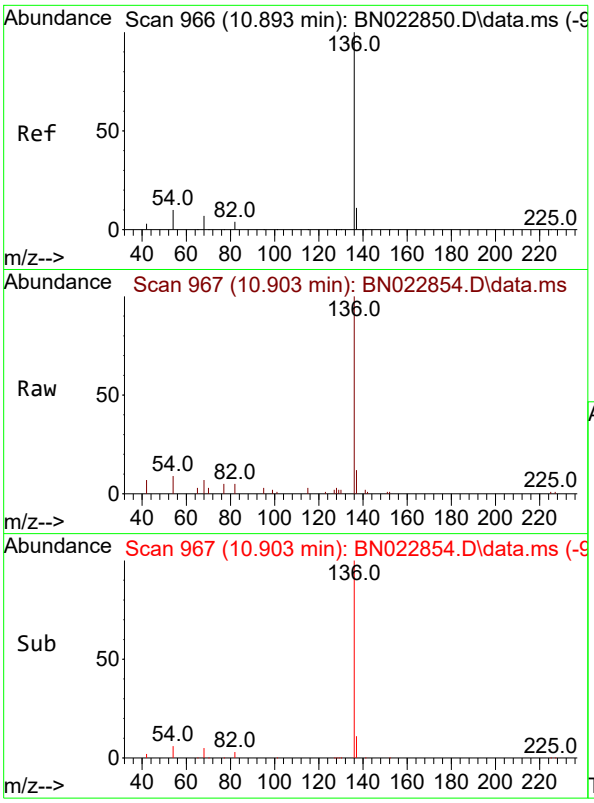


#6
bis(2-Chloroethyl)ether
Concen: 4.779 ng
RT: 7.493 min Scan# 611
Delta R.T. -0.000 min
Lab File: BN022854.D
Acq: 23 Nov 2022 19:45

Tgt Ion: 93 Resp: 53799

Ion	Ratio	Lower	Upper
93	100		
63	78.2	59.0	88.6
95	32.1	24.3	36.5



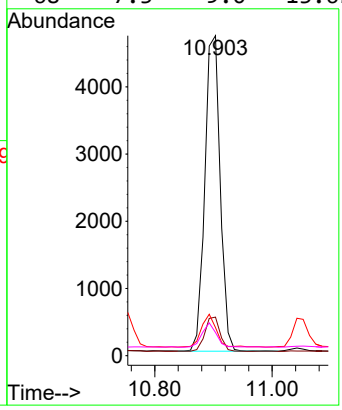


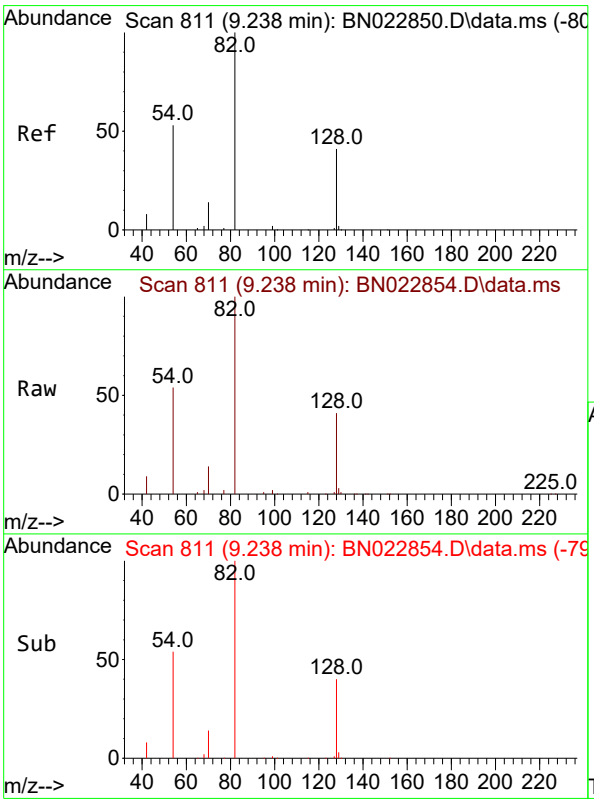
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.903 min Scan# 9
Delta R.T. 0.010 min
Lab File: BN022854.D
Acq: 23 Nov 2022 19:45

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:136 Resp: 8549

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.8	14.6
54	8.8	11.1	16.7#
68	7.3	9.0	13.6#

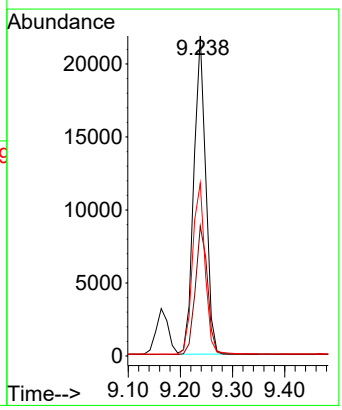


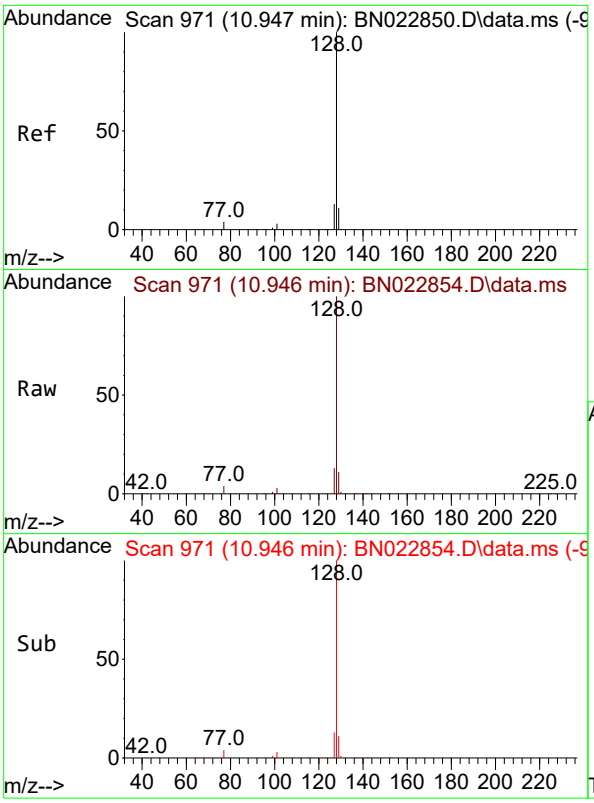


#8
Nitrobenzene-d5
Concen: 3.990 ng
RT: 9.238 min Scan# 811
Delta R.T. -0.000 min
Lab File: BN022854.D
Acq: 23 Nov 2022 19:45

Tgt Ion: 82 Resp: 34850

Ion	Ratio	Lower	Upper
82	100		
128	40.6	35.8	53.8
54	54.0	46.6	70.0



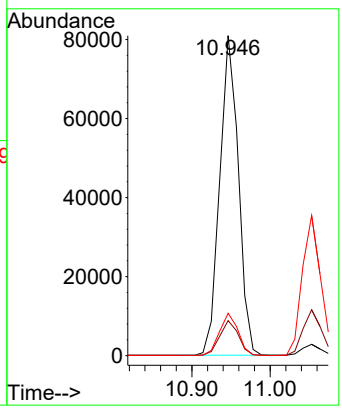


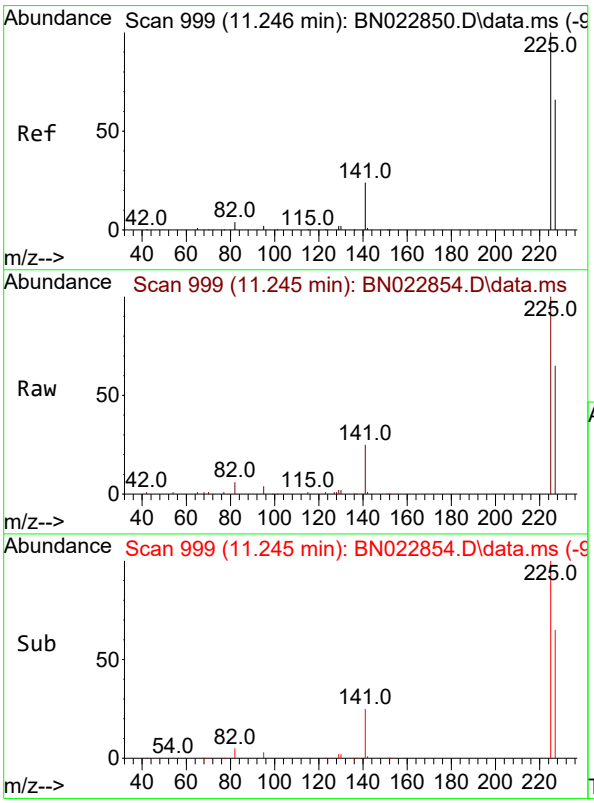
#9
Naphthalene
Concen: 3.797 ng
RT: 10.946 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN022854.D
Acq: 23 Nov 2022 19:45

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:128 Resp: 133711

Ion	Ratio	Lower	Upper
128	100		
129	11.0	10.1	15.1
127	13.3	11.4	17.0

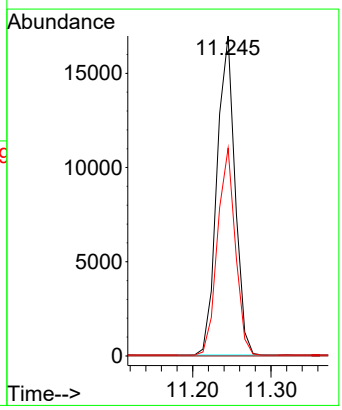


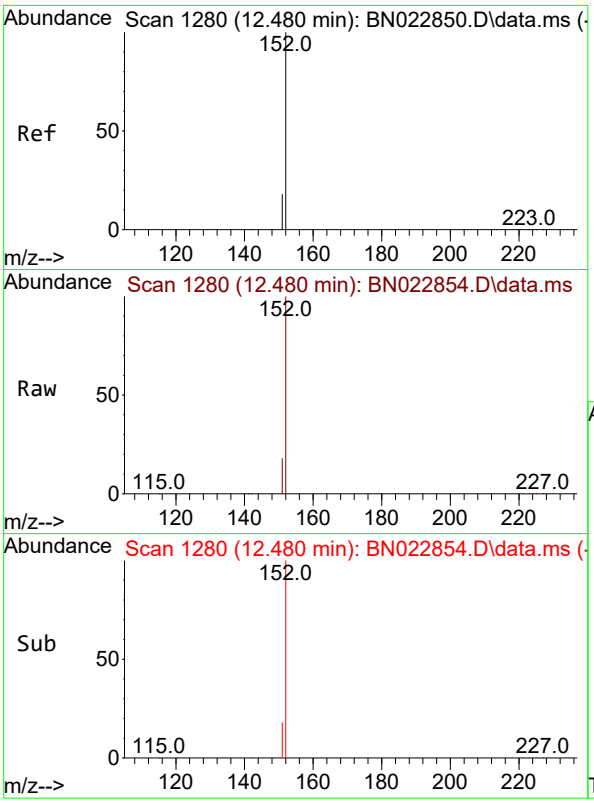


#10
Hexachlorobutadiene
Concen: 5.853 ng
RT: 11.245 min Scan# 999
Delta R.T. -0.000 min
Lab File: BN022854.D
Acq: 23 Nov 2022 19:45

Tgt Ion:225 Resp: 27036

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.9	50.9	76.3



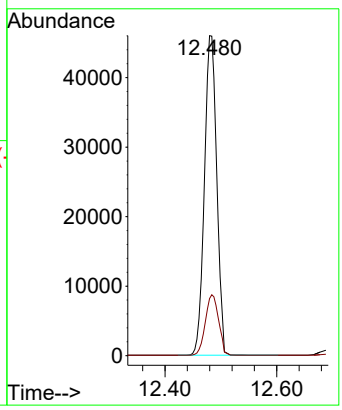


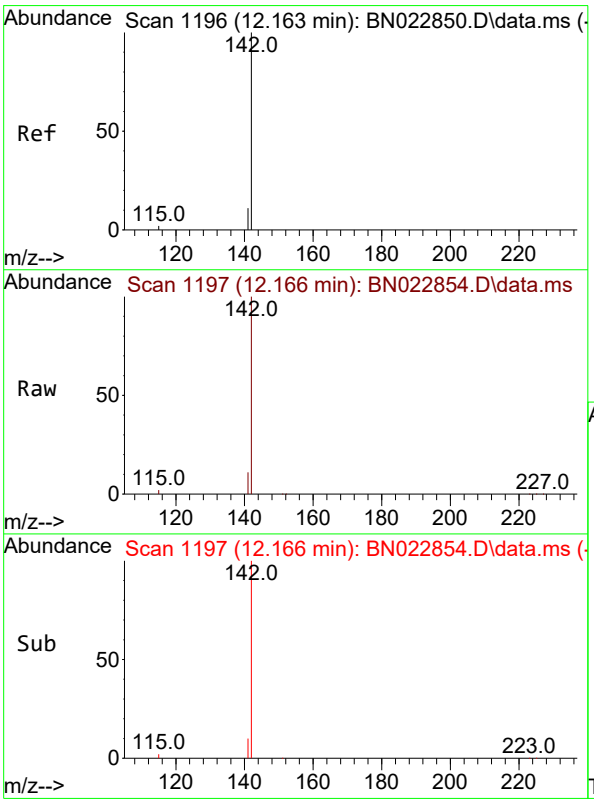
#11
2-Methylnaphthalene-d10
Concen: 7.561 ng
RT: 12.480 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN022854.D
Acq: 23 Nov 2022 19:45

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:152 Resp: 107276

Ion	Ratio	Lower	Upper
152	100		
151	19.7	18.6	27.8

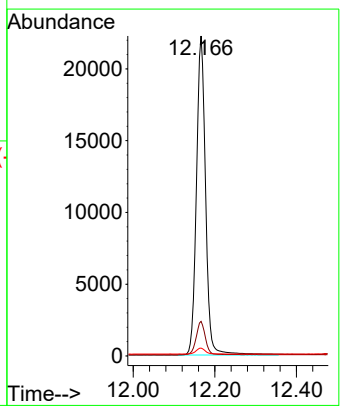


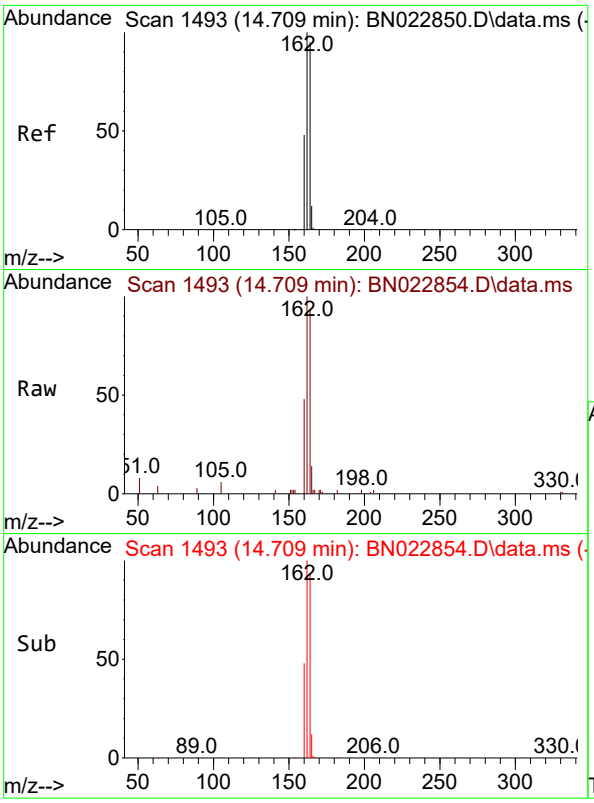


#12
2-Methylnaphthalene
Concen: 5.807 ng
RT: 12.166 min Scan# 1197
Delta R.T. 0.003 min
Lab File: BN022854.D
Acq: 23 Nov 2022 19:45

Tgt Ion:142 Resp: 34738

Ion	Ratio	Lower	Upper
142	100		
141	10.8	13.7	20.5#
115	2.4	10.6	16.0#



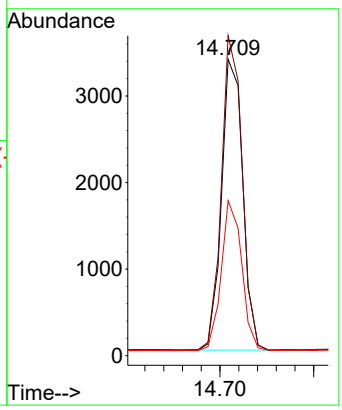


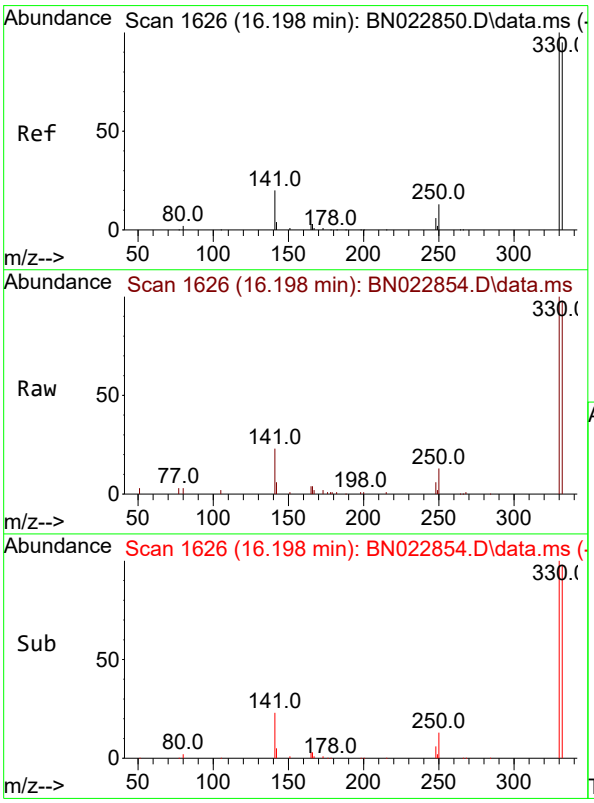
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.709 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN022854.D
Acq: 23 Nov 2022 19:45

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:164 Resp: 5280

Ion	Ratio	Lower	Upper
164	100		
162	108.0	84.2	126.4
160	52.3	41.6	62.4

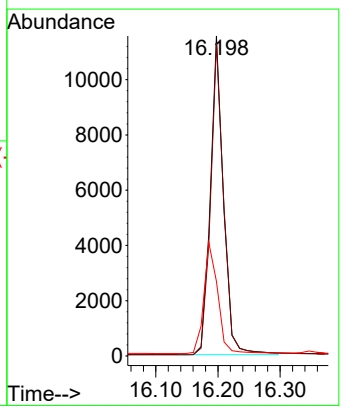


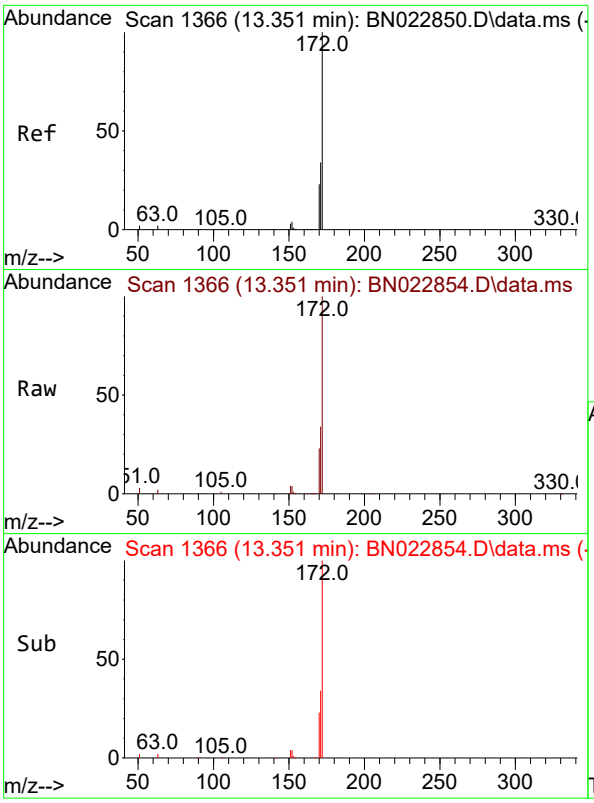


#14
2,4,6-Tribromophenol
Concen: 5.771 ng
RT: 16.198 min Scan# 1626
Delta R.T. -0.000 min
Lab File: BN022854.D
Acq: 23 Nov 2022 19:45

Tgt Ion:330 Resp: 16916

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.4	116.2
141	37.0	29.3	43.9



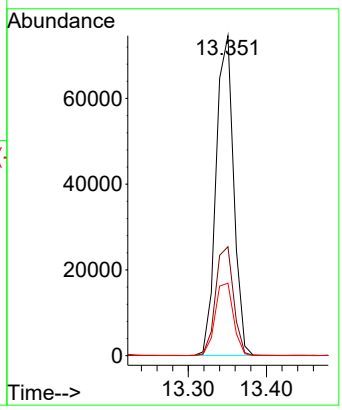


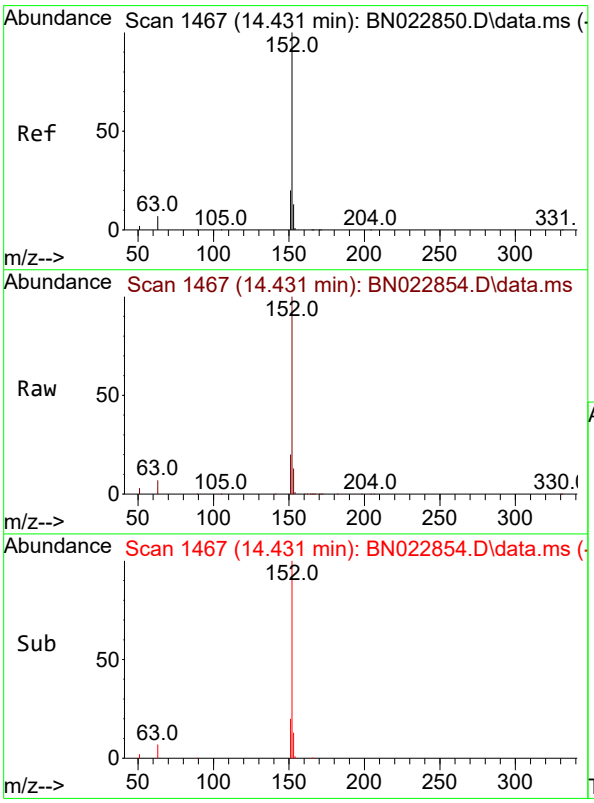
#15
2-Fluorobiphenyl
Concen: 5.493 ng
RT: 13.351 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN022854.D
Acq: 23 Nov 2022 19:45

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:172 Resp: 116438

Ion	Ratio	Lower	Upper
172	100		
171	34.1	27.8	41.8
170	22.6	18.9	28.3

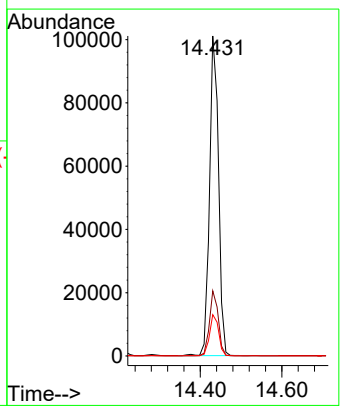


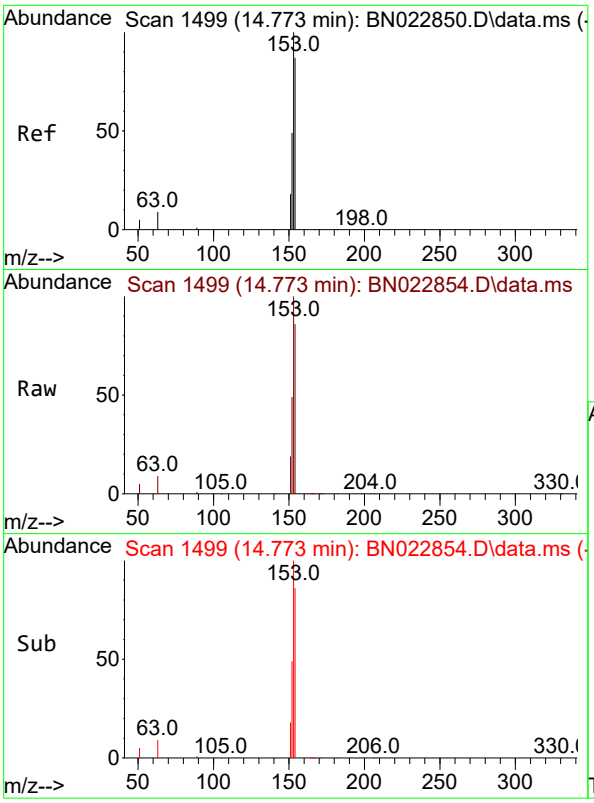


#16
Acenaphthylene
Concen: 6.163 ng
RT: 14.431 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BN022854.D
Acq: 23 Nov 2022 19:45

Tgt Ion:152 Resp: 154367

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.9	23.9
153	13.0	10.4	15.6



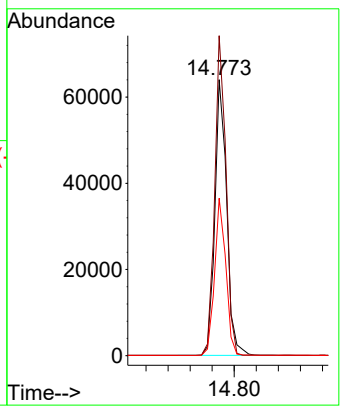


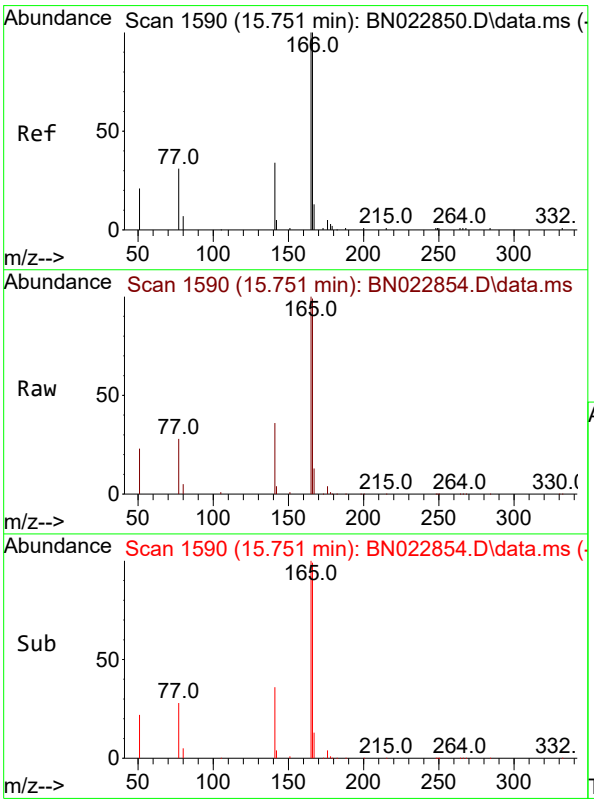
#17
Acenaphthene
Concen: 5.637 ng
RT: 14.773 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN022854.D
Acq: 23 Nov 2022 19:45

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:154 Resp: 94724

Ion	Ratio	Lower	Upper
154	100		
153	110.5	89.6	134.4
152	54.2	44.3	66.5

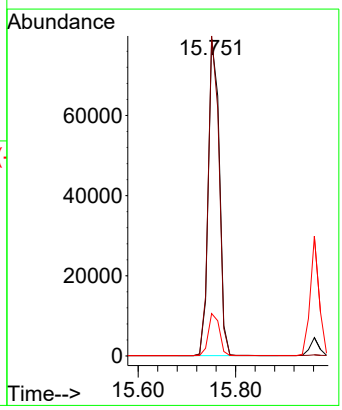


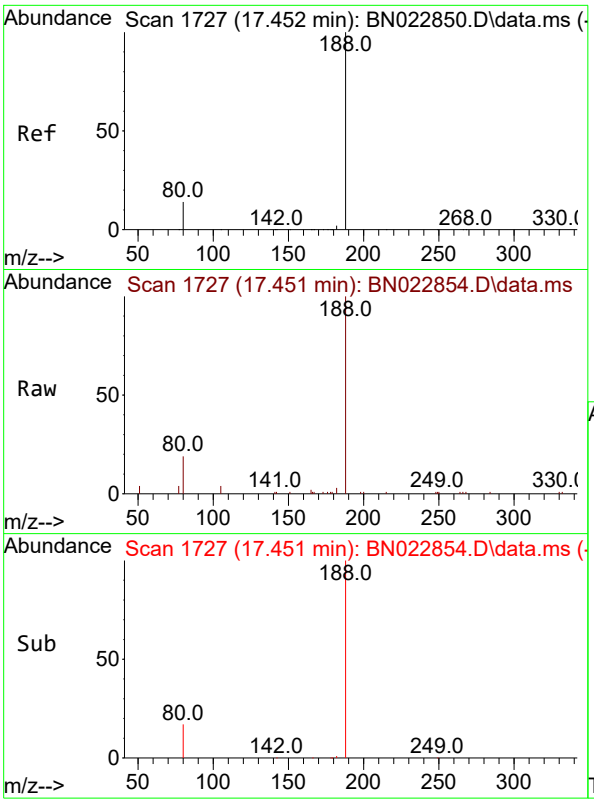


#18
Fluorene
Concen: 4.838 ng
RT: 15.751 min Scan# 1590
Delta R.T. -0.000 min
Lab File: BN022854.D
Acq: 23 Nov 2022 19:45

Tgt Ion:166 Resp: 120553

Ion	Ratio	Lower	Upper
166	100		
165	100.4	79.9	119.9
167	13.3	11.3	16.9



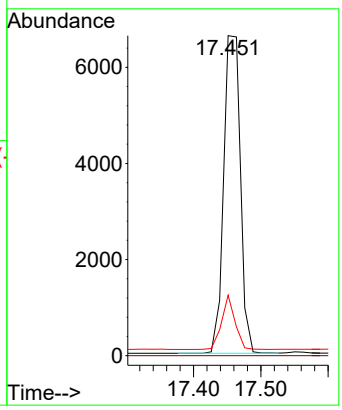


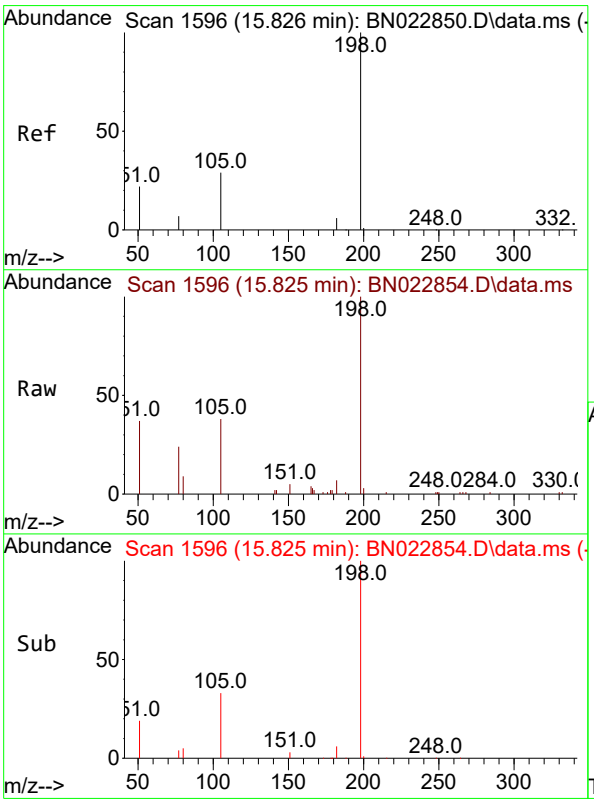
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.451 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN022854.D
Acq: 23 Nov 2022 19:45

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:188 Resp: 11407

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	18.9	13.0	19.6

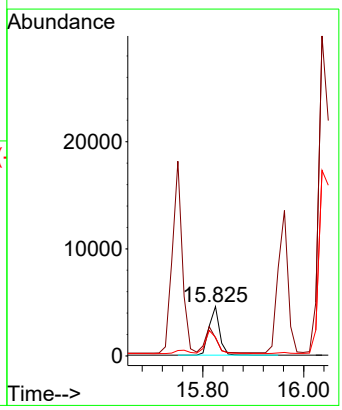


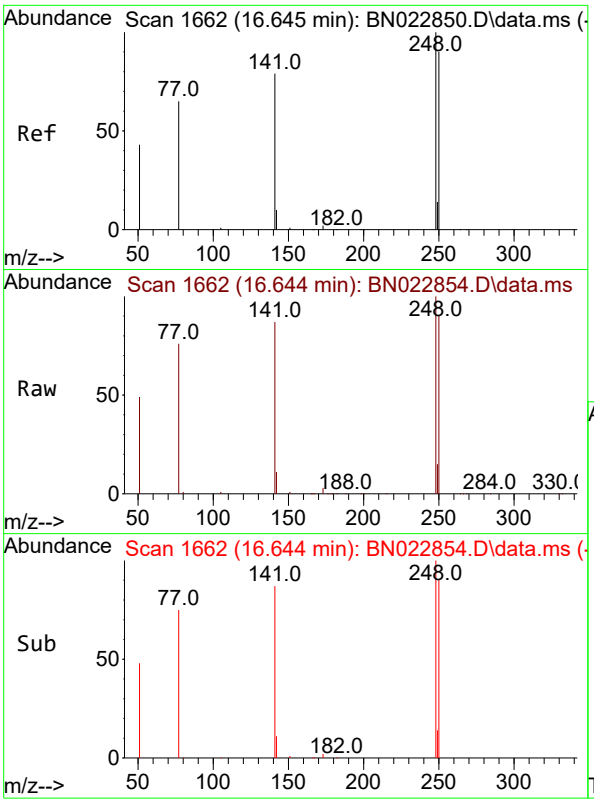


#20
4,6-Dinitro-2-methylphenol
Concen: 2.922 ng
RT: 15.825 min Scan# 1596
Delta R.T. -0.000 min
Lab File: BN022854.D
Acq: 23 Nov 2022 19:45

Tgt Ion:198 Resp: 6531

Ion	Ratio	Lower	Upper
198	100		
51	36.6	104.4	156.6#
105	37.8	100.2	150.4#



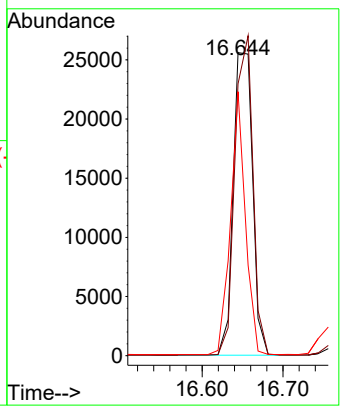


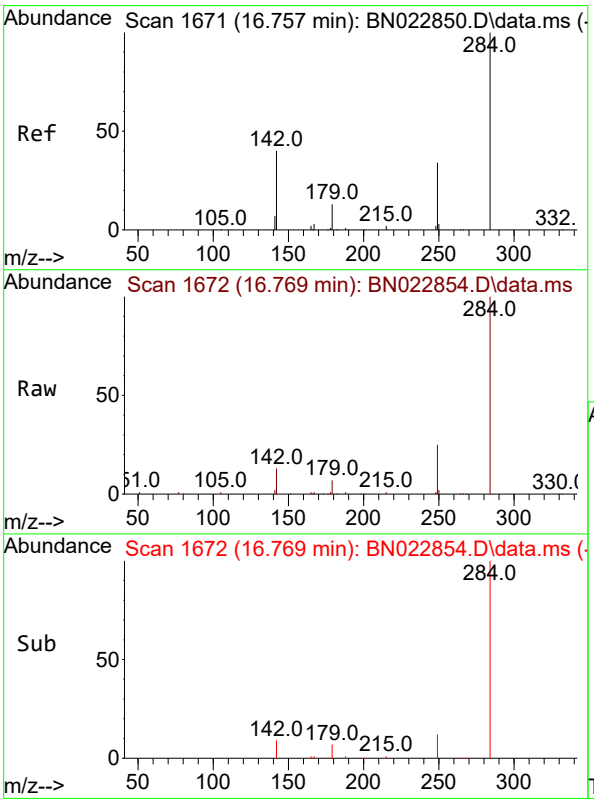
#21
4-Bromophenyl-phenylether
Concen: 6.283 ng
RT: 16.644 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN022854.D
Acq: 23 Nov 2022 19:45

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:248 Resp: 42638

Ion	Ratio	Lower	Upper
248	100		
250	89.7	72.8	109.2
141	87.1	65.6	98.4

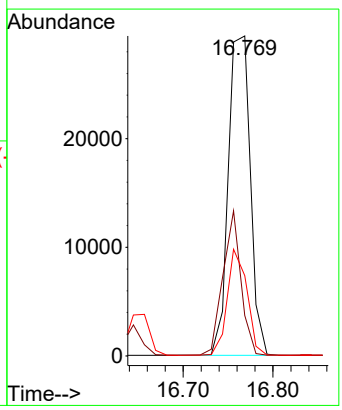


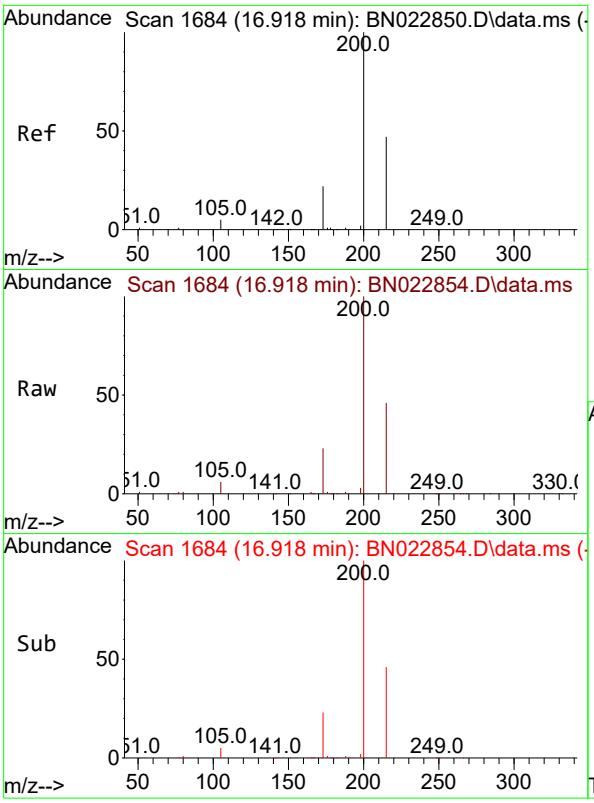


#22
Hexachlorobenzene
Concen: 6.648 ng
RT: 16.769 min Scan# 1672
Delta R.T. 0.012 min
Lab File: BN022854.D
Acq: 23 Nov 2022 19:45

Tgt Ion:284 Resp: 50020

Ion	Ratio	Lower	Upper
284	100		
142	36.9	29.0	43.4
249	29.7	24.3	36.5



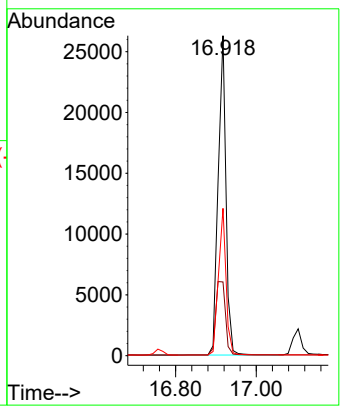


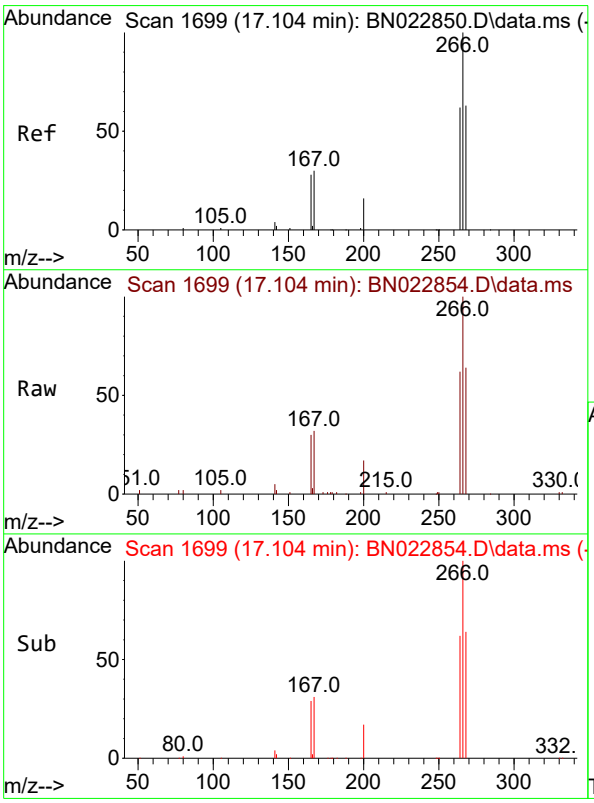
#23
Atrazine
Concen: 5.388 ng
RT: 16.918 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN022854.D
Acq: 23 Nov 2022 19:45

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:200 Resp: 34906

Ion	Ratio	Lower	Upper
200	100		
173	23.0	20.1	30.1
215	46.0	39.1	58.7

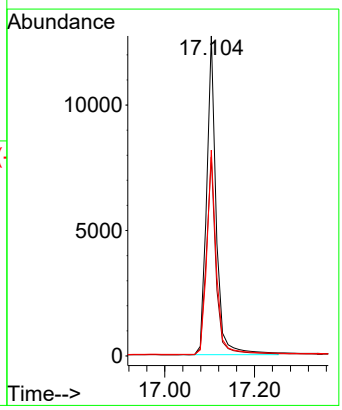


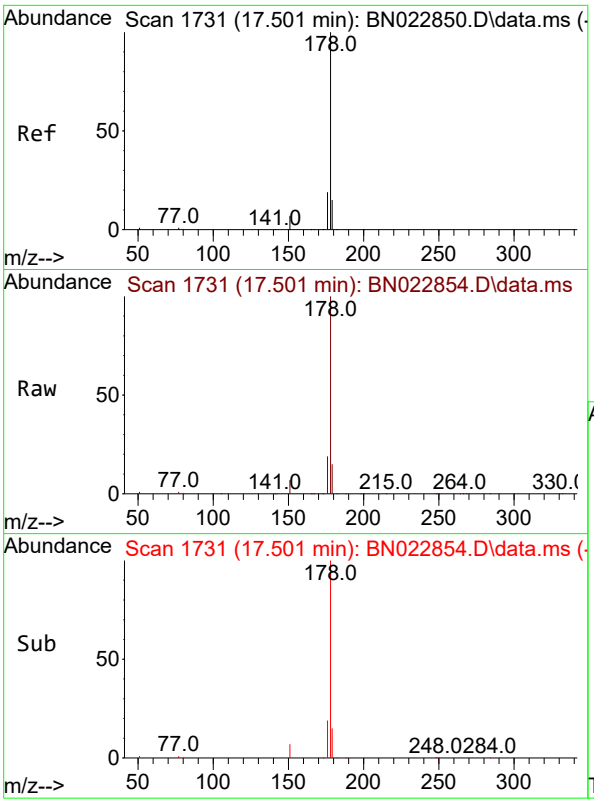


#24
Pentachlorophenol
Concen: 5.420 ng
RT: 17.104 min Scan# 1699
Delta R.T. -0.000 min
Lab File: BN022854.D
Acq: 23 Nov 2022 19:45

Tgt Ion:266 Resp: 18711

Ion	Ratio	Lower	Upper
266	100		
264	62.6	48.6	73.0
268	64.3	50.3	75.5



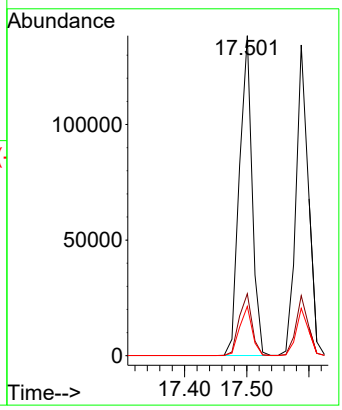


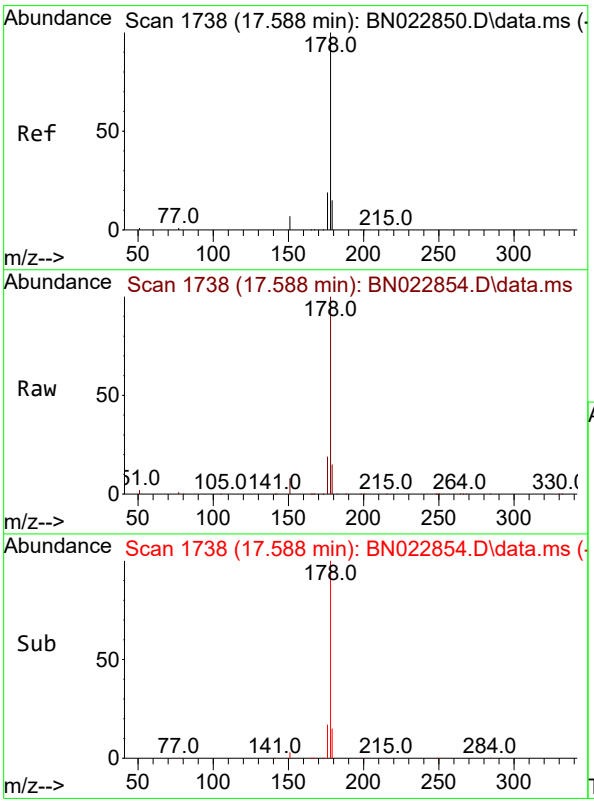
#25
Phenanthrene
Concen: 4.972 ng
RT: 17.501 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN022854.D
Acq: 23 Nov 2022 19:45

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:178 Resp: 196810

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.7	23.5
179	15.2	12.2	18.2

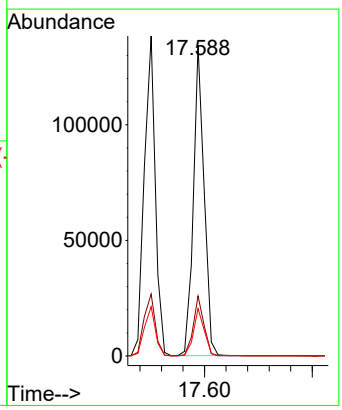


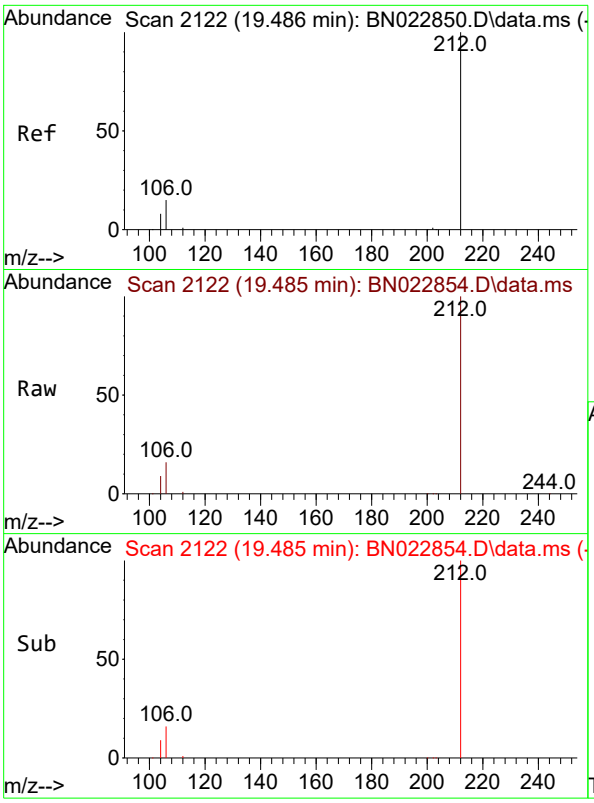


#26
Anthracene
Concen: 5.654 ng
RT: 17.588 min Scan# 1738
Delta R.T. -0.000 min
Lab File: BN022854.D
Acq: 23 Nov 2022 19:45

Tgt Ion:178 Resp: 186056

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.1	22.7
179	15.2	12.2	18.4



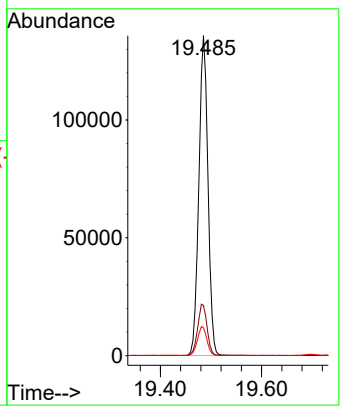


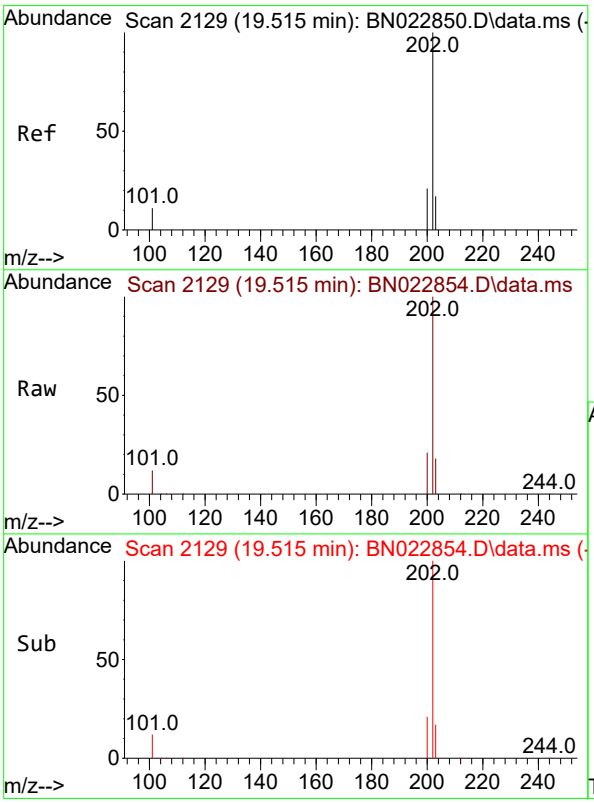
#27
Fluoranthene-d10
Concen: 5.105 ng
RT: 19.485 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN022854.D
Acq: 23 Nov 2022 19:45

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:212 Resp: 169193

Ion	Ratio	Lower	Upper
212	100		
106	16.5	13.0	19.4
104	9.2	7.4	11.0

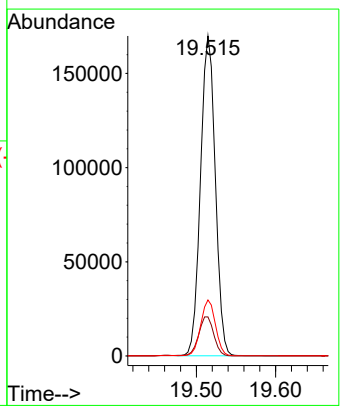


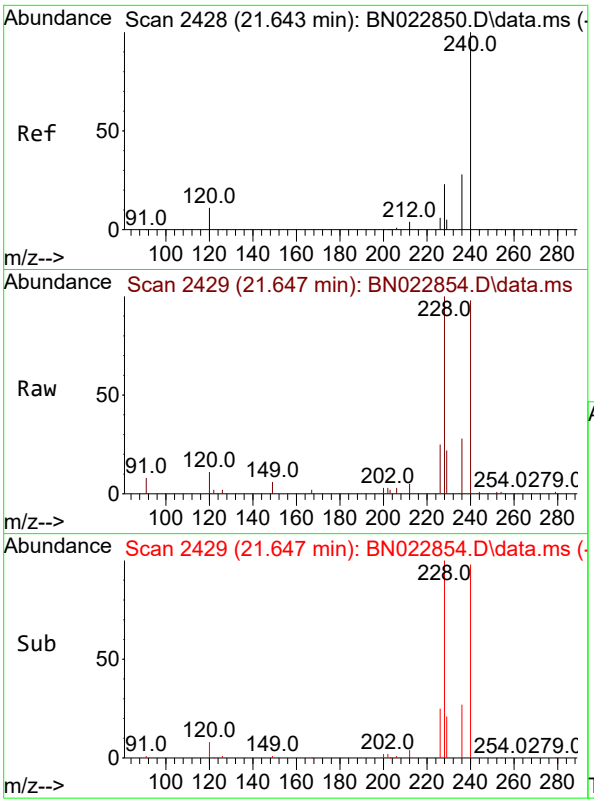


#28
Fluoranthene
Concen: 5.299 ng
RT: 19.515 min Scan# 2129
Delta R.T. -0.000 min
Lab File: BN022854.D
Acq: 23 Nov 2022 19:45

Tgt Ion:202 Resp: 220472

Ion	Ratio	Lower	Upper
202	100		
101	12.6	10.0	15.0
203	17.4	13.8	20.8



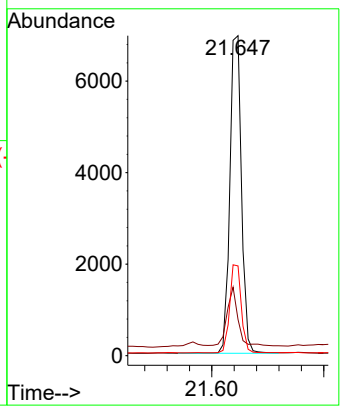


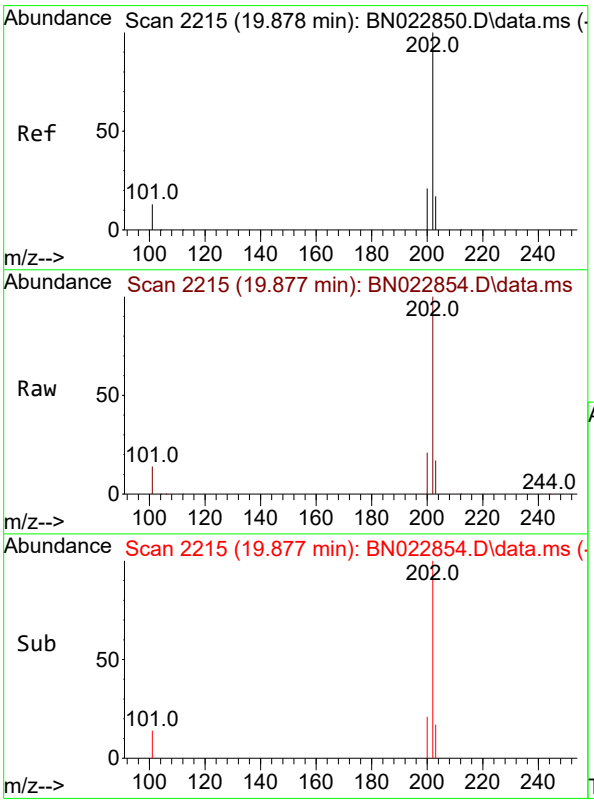
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.647 min Scan# 24
Delta R.T. 0.004 min
Lab File: BN022854.D
Acq: 23 Nov 2022 19:45

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:240 Resp: 10062

Ion	Ratio	Lower	Upper
240	100		
120	11.3	11.6	17.4#
236	28.1	22.8	34.2

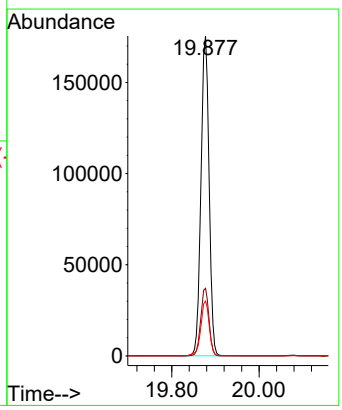


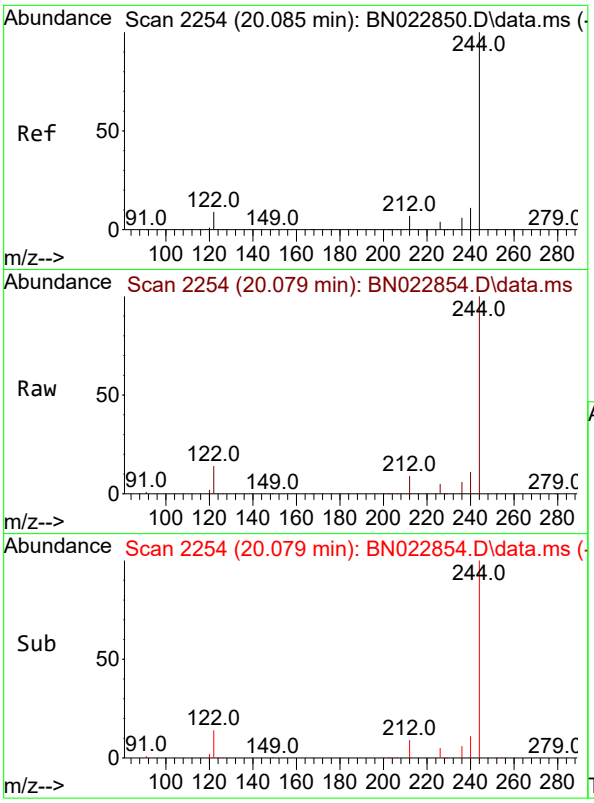


#30
Pyrene
Concen: 5.859 ng
RT: 19.877 min Scan# 2215
Delta R.T. -0.000 min
Lab File: BN022854.D
Acq: 23 Nov 2022 19:45

Tgt Ion:202 Resp: 246828

Ion	Ratio	Lower	Upper
202	100		
200	19.6	17.1	25.7
203	16.4	14.3	21.5



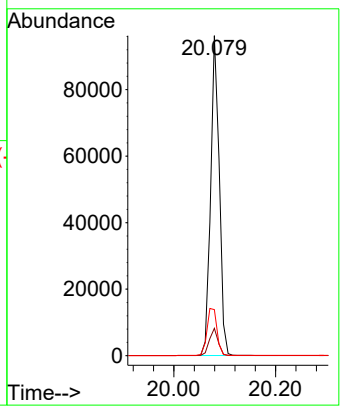


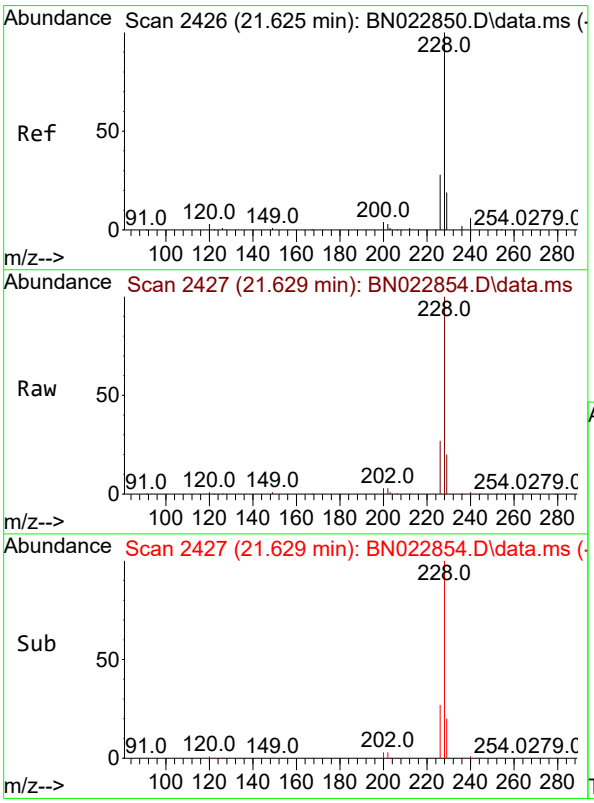
#31
Terphenyl-d14
Concen: 3.681 ng
RT: 20.079 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN022854.D
Acq: 23 Nov 2022 19:45

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:244 Resp: 112873

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.2	9.4
122	14.4	8.6	12.8#

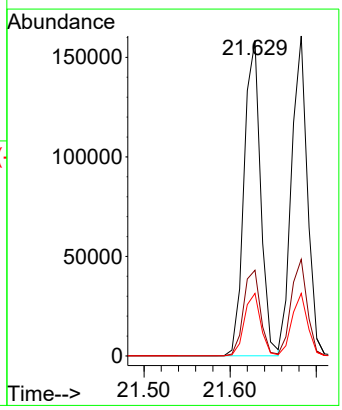


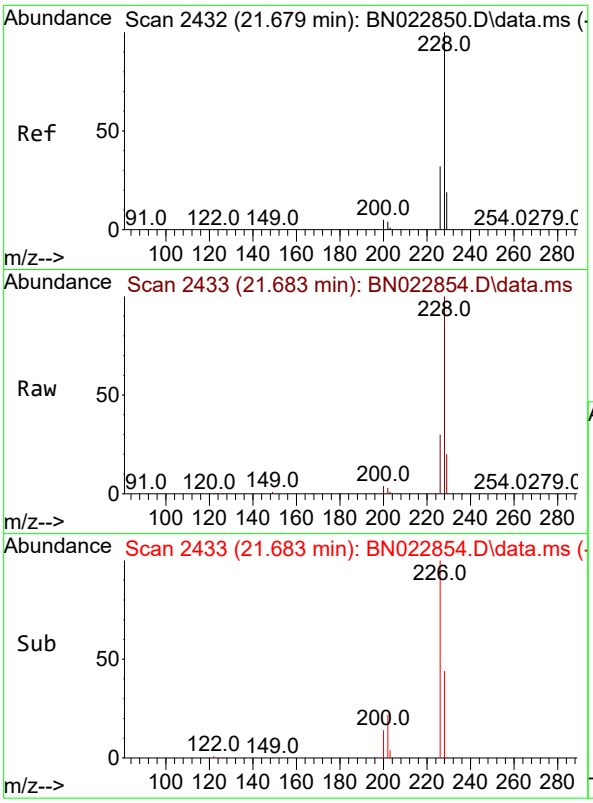


#32
Benzo(a)anthracene
Concen: 5.508 ng
RT: 21.629 min Scan# 2427
Delta R.T. 0.004 min
Lab File: BN022854.D
Acq: 23 Nov 2022 19:45

Tgt Ion:228 Resp: 212337

Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.6	33.8
229	19.8	15.8	23.6



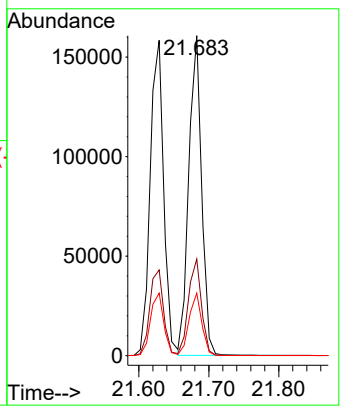


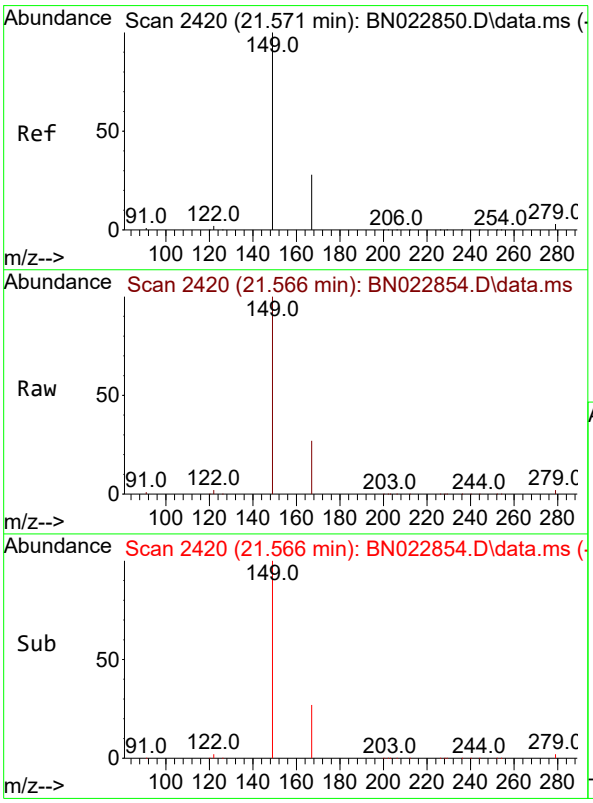
#33
Chrysene
Concen: 5.356 ng
RT: 21.683 min Scan# 24
Delta R.T. 0.004 min
Lab File: BN022854.D
Acq: 23 Nov 2022 19:45

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:228 Resp: 204562

Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.4	38.0
229	19.6	15.6	23.4

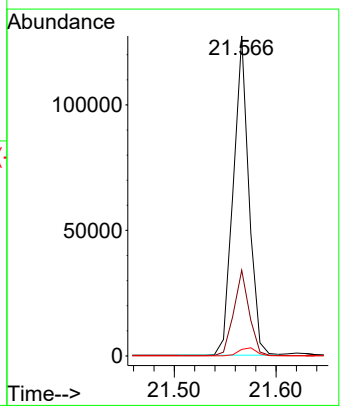


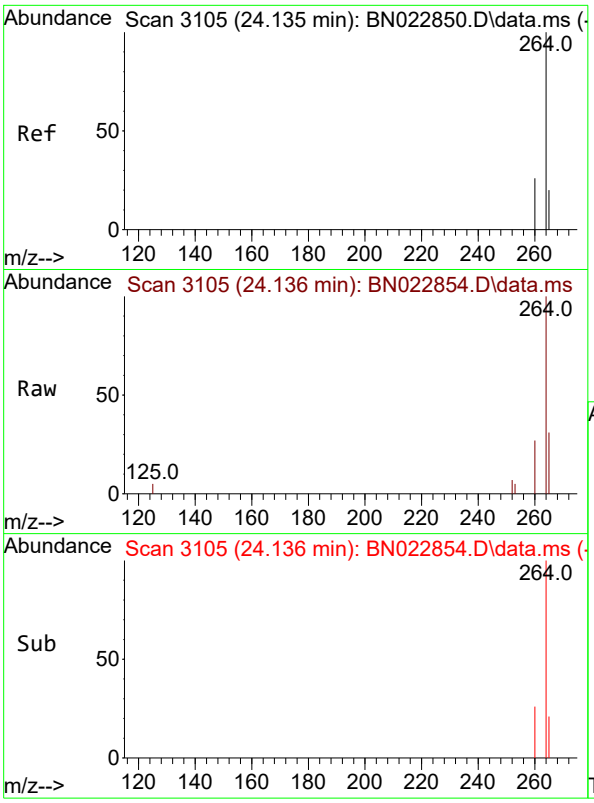


#34
Bis(2-ethylhexyl)phthalate
Concen: 4.791 ng
RT: 21.566 min Scan# 2420
Delta R.T. -0.005 min
Lab File: BN022854.D
Acq: 23 Nov 2022 19:45

Tgt Ion:149 Resp: 135055

Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.6	32.4
279	2.8	2.5	3.7



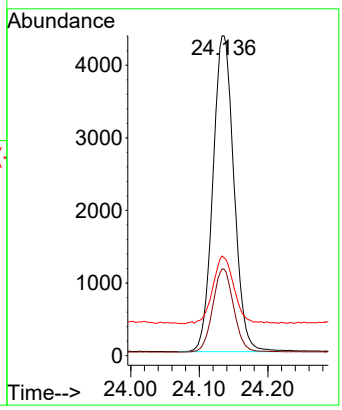


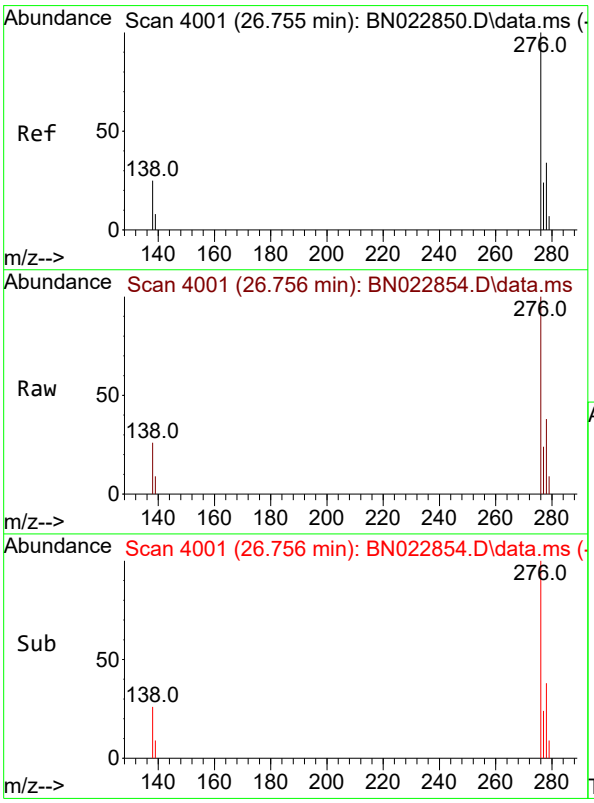
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.136 min Scan# 3
Delta R.T. 0.001 min
Lab File: BN022854.D
Acq: 23 Nov 2022 19:45

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:264 Resp: 9245

Ion	Ratio	Lower	Upper
264	100		
260	27.1	21.2	31.8
265	30.7	22.8	34.2

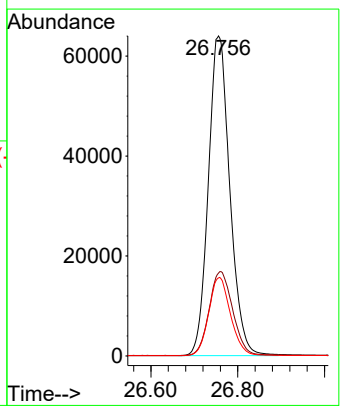


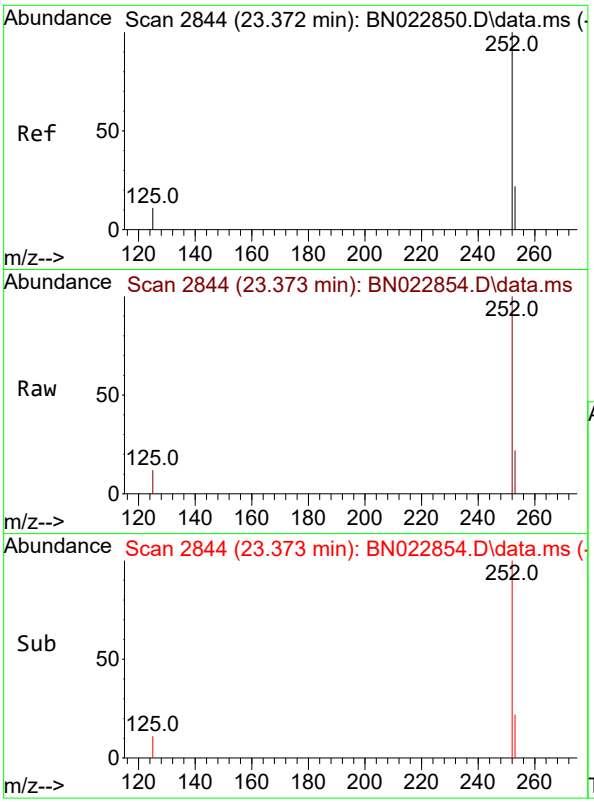


#36
Indeno(1,2,3-cd)pyrene
Concen: 5.586 ng
RT: 26.756 min Scan# 4001
Delta R.T. 0.001 min
Lab File: BN022854.D
Acq: 23 Nov 2022 19:45

Tgt Ion:276 Resp: 220272

Ion	Ratio	Lower	Upper
276	100		
138	28.6	22.7	34.1
277	24.9	19.8	29.6



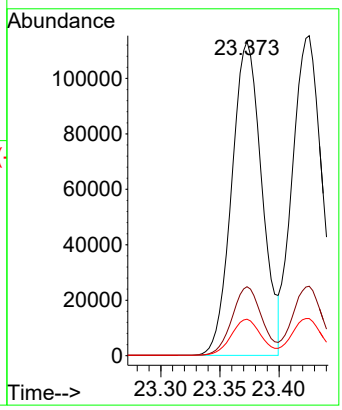


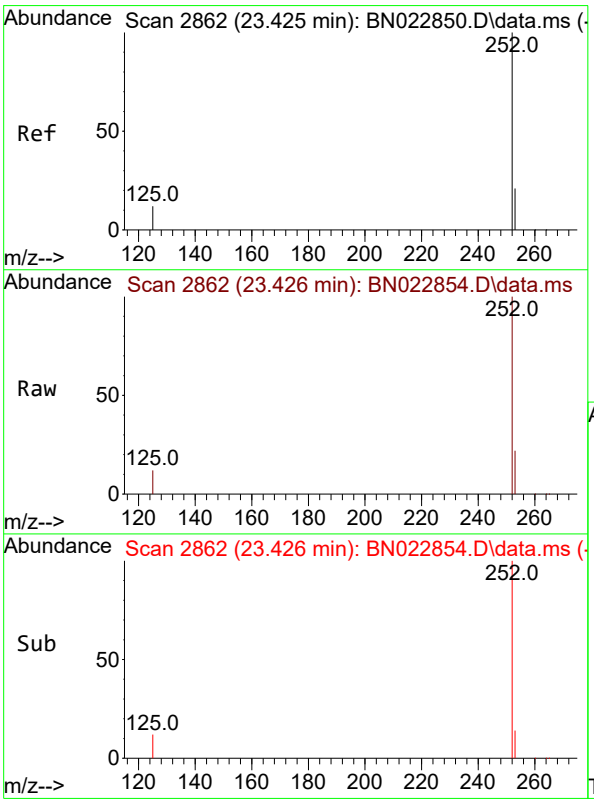
#37
Benzo(b)fluoranthene
Concen: 5.460 ng
RT: 23.373 min Scan# 2
Delta R.T. 0.001 min
Lab File: BN022854.D
Acq: 23 Nov 2022 19:45

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:252 Resp: 200628

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.7	28.1
125	11.6	10.7	16.1

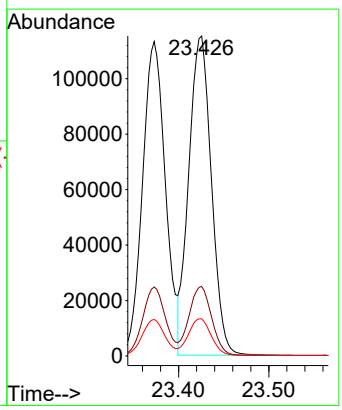


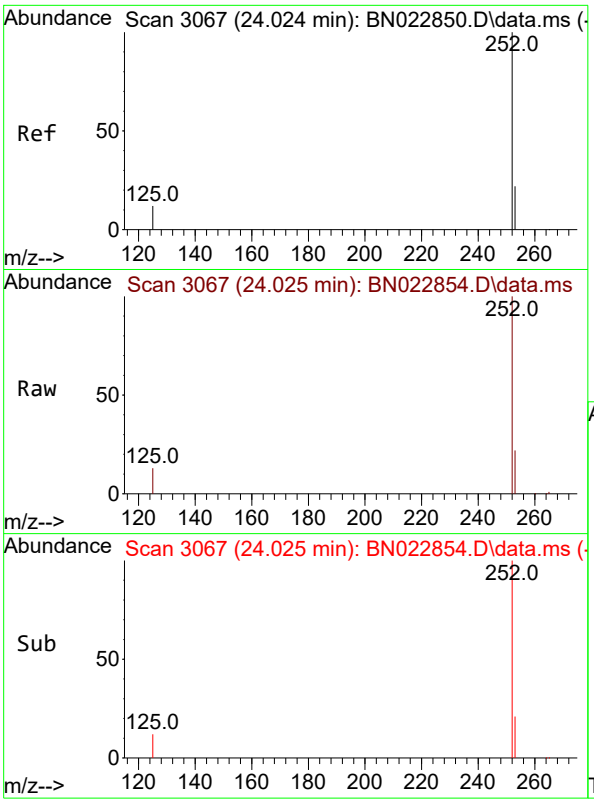


#38
Benzo(k)fluoranthene
Concen: 5.363 ng
RT: 23.426 min Scan# 2862
Delta R.T. 0.001 min
Lab File: BN022854.D
Acq: 23 Nov 2022 19:45

Tgt Ion:252 Resp: 200154

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.3	27.5
125	11.6	11.4	17.0



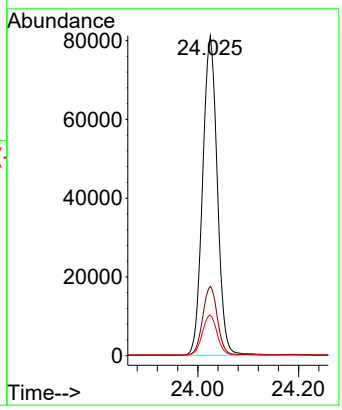


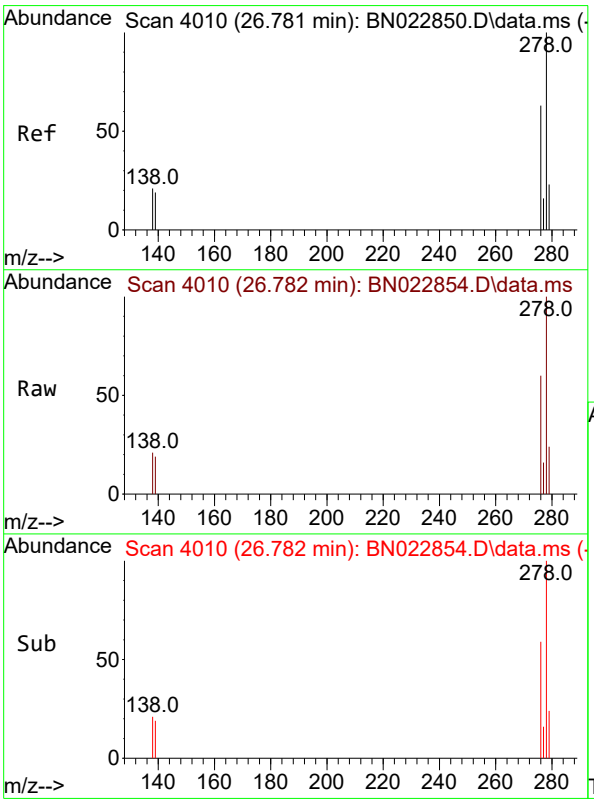
#39
Benzo(a)pyrene
Concen: 5.431 ng
RT: 24.025 min Scan# 3
Delta R.T. 0.001 min
Lab File: BN022854.D
Acq: 23 Nov 2022 19:45

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:252 Resp: 163369

Ion	Ratio	Lower	Upper
252	100		
253	21.6	19.1	28.7
125	12.7	12.2	18.4

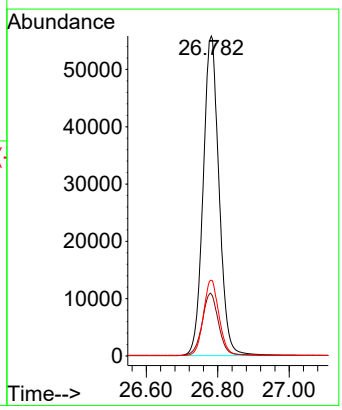


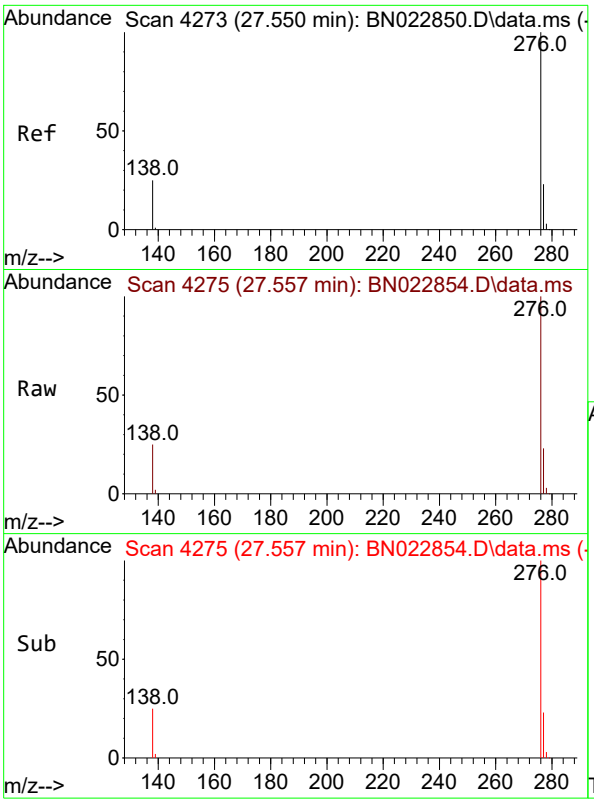


#40
Dibenzo(a,h)anthracene
Concen: 5.451 ng
RT: 26.782 min Scan# 4010
Delta R.T. 0.001 min
Lab File: BN022854.D
Acq: 23 Nov 2022 19:45

Tgt Ion:278 Resp: 172069

Ion	Ratio	Lower	Upper
278	100		
139	19.3	17.2	25.8
279	23.7	19.8	29.8





#41
Benzo(g,h,i)perylene
Concen: 5.456 ng
RT: 27.557 min Scan# 4
Delta R.T. 0.007 min
Lab File: BN022854.D
Acq: 23 Nov 2022 19:45

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:276 Resp: 178448

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.6	29.4
138	25.0	22.0	33.0