Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120622\
Data File : BN023076.D
Acq On : 06 Dec 2022 15:55
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Dec 07 01:30:44 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 07 01:27:45 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.035	152	6601	0.400	ng		0.00
7) Naphthalene-d8	10.861	136	19005	0.400	ng		0.00
13) Acenaphthene-d10	14.677	164	11016	0.400	ng		0.00
19) Phenanthrene-d10	17.427	188	23140	0.400	ng		0.00
29) Chrysene-d12	21.611	240	21361	0.400	ng	#	0.00
35) Perylene-d12	24.087	264	16190	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.572	112	49250	3.337	ng		0.00
5) Phenol-d6	7.183	99	64813	3.305	ng		0.00
8) Nitrobenzene-d5	9.195	82	48939	3.417	ng		0.00
11) 2-Methylnaphthalene-d10	12.439	152	133526	3.720	ng		0.00
14) 2,4,6-Tribromophenol	16.161	330	17088	3.739	ng		0.00
15) 2-Fluorobiphenyl	13.308	172	160744	3.256	ng		0.00
27) Fluoranthene-d10	19.452	212	222886	3.376	ng		0.00
31) Terphenyl-d14	20.044	244	141866	3.248	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.420	88	25863	3.138	ng		97
3) n-Nitrosodimethylamine	3.738	42	28230	3.084	ng	#	99
6) bis(2-Chloroethyl)ether	7.450	93	67149	3.148	ng		99
9) Naphthalene	10.904	128	187519	3.243	ng		99
10) Hexachlorobutadiene	11.192	225	34074	3.137	ng	#	100
12) 2-Methylnaphthalene	12.132	142	38462	3.912	ng	#	93
16) Acenaphthylene	14.399	152	192400	3.578	ng		100
17) Acenaphthene	14.741	154	129187	3.378	ng		97
18) Fluorene	15.726	166	153578	3.252	ng		96
21) 4-Bromophenyl-phenylether	16.620	248	49165	3.295	ng	#	63
22) Hexachlorobenzene	16.732	284	60937	3.304	ng		100
23) Atrazine	16.881	200	37712	3.826	ng		99
25) Phenanthrene	17.464	178	266760	3.326	ng		100
26) Anthracene	17.551	178	231582	3.515	ng		100
28) Fluoranthene	19.481	202	302766	3.380	ng		99
30) Pyrene	19.844	202	301395	3.340	ng		100
32) Benzo(a)anthracene	21.593	228	277682	3.516	ng		99
33) Chrysene	21.647	228	291597	3.329	ng		98
34) Bis(2-ethylhexyl)phtha...	21.522	149	117128	3.788	ng		100
36) Indeno(1,2,3-cd)pyrene	26.674	276	310664	3.557	ng		100
37) Benzo(b)fluoranthene	23.329	252	262052	3.539	ng		96
38) Benzo(k)fluoranthene	23.379	252	272022	3.575	ng		96
39) Benzo(a)pyrene	23.976	252	214612	3.695	ng	#	92
40) Dibenzo(a,h)anthracene	26.695	278	247429	3.552	ng		97
41) Benzo(g,h,i)perylene	27.469	276	256538	3.517	ng		99

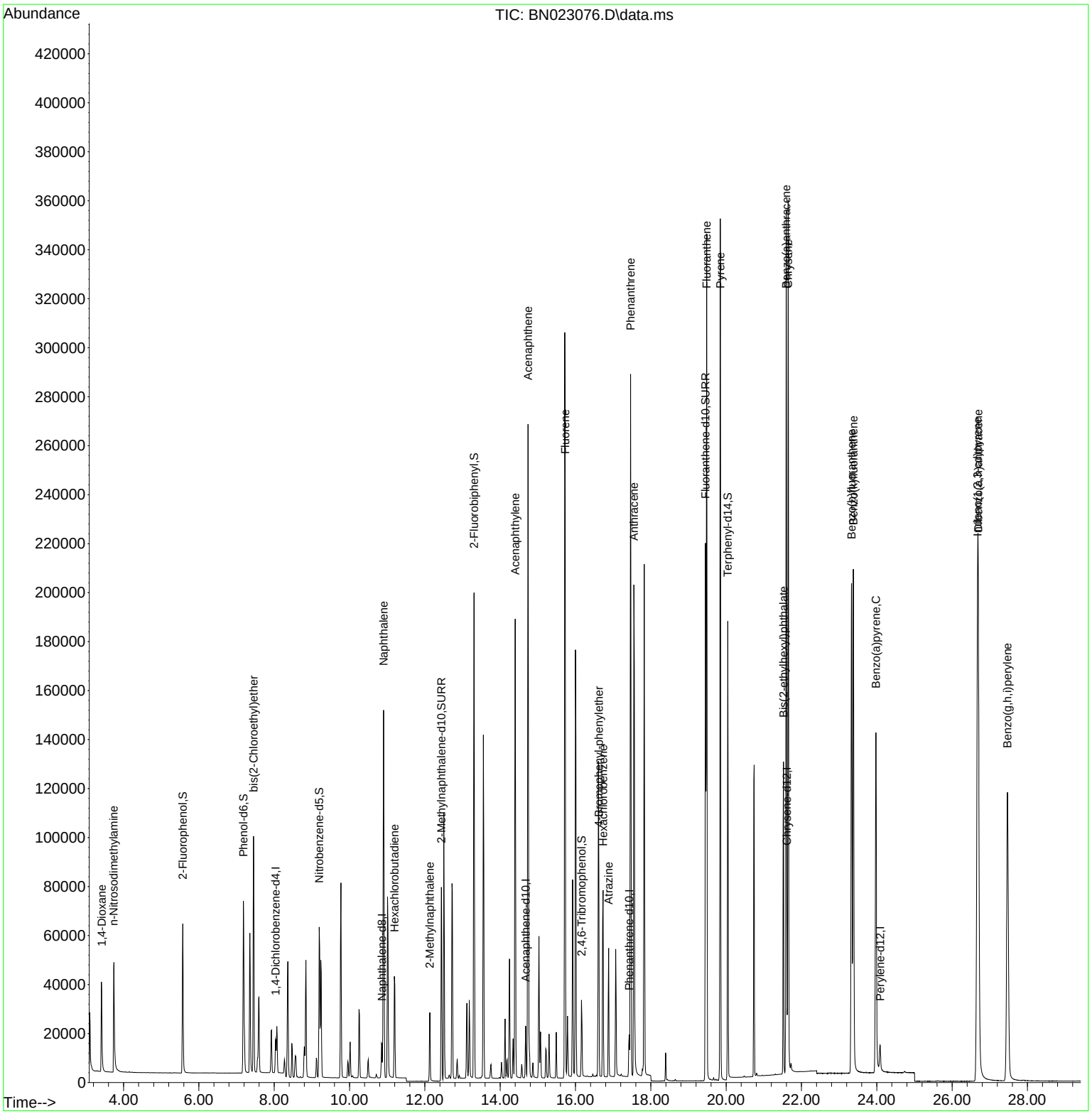
(#) = qualifier out of range (m) = manual integration (+) = signals summed

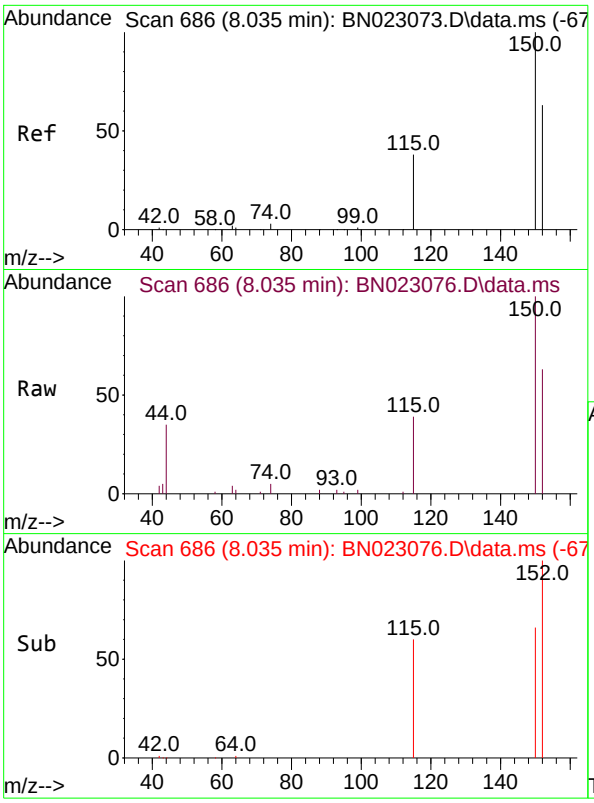
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120622\
Data File : BN023076.D
Acq On : 06 Dec 2022 15:55
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Dec 07 01:30:44 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 07 01:27:45 2022
Response via : Initial Calibration



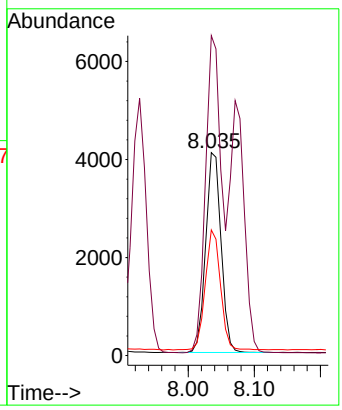


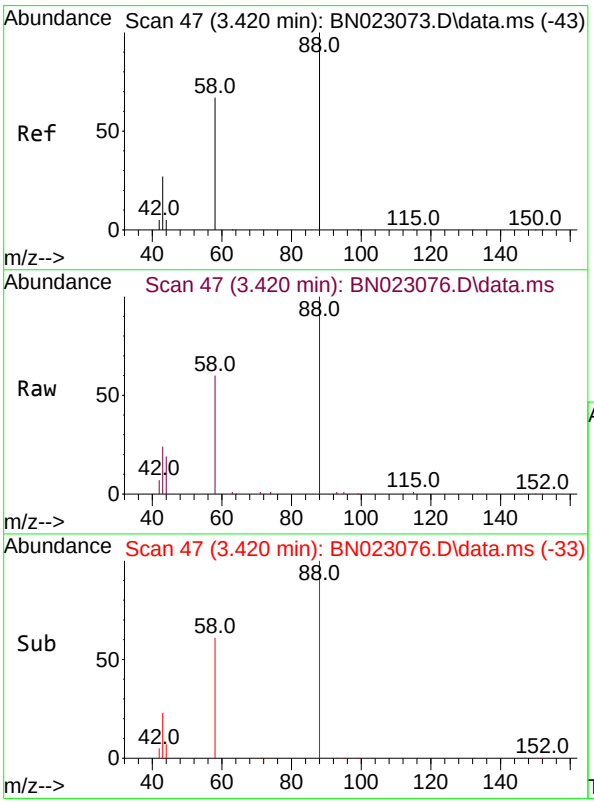
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.035 min Scan# 68
Delta R.T. -0.000 min
Lab File: BN023076.D
Acq: 06 Dec 2022 15:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 6601

Ion	Ratio	Lower	Upper
152	100		
150	157.7	125.7	188.5
115	61.9	49.4	74.0

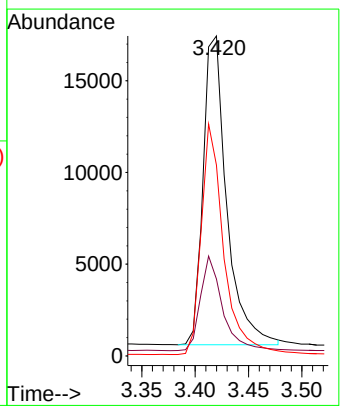


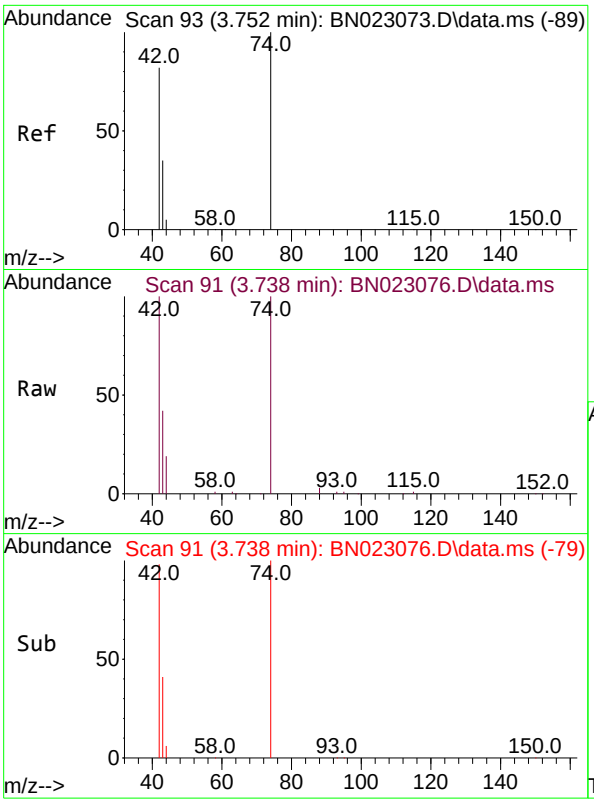


#2
1,4-Dioxane
Concen: 3.138 ng
RT: 3.420 min Scan# 47
Delta R.T. -0.000 min
Lab File: BN023076.D
Acq: 06 Dec 2022 15:55

Tgt Ion: 88 Resp: 25863

Ion	Ratio	Lower	Upper
88	100		
43	28.7	22.0	33.0
58	70.9	54.6	81.8



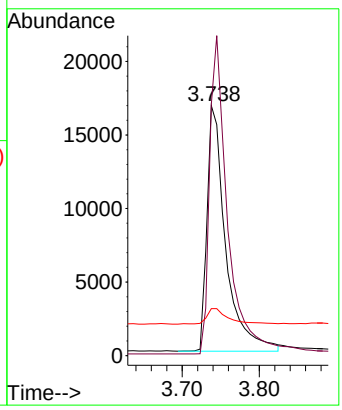


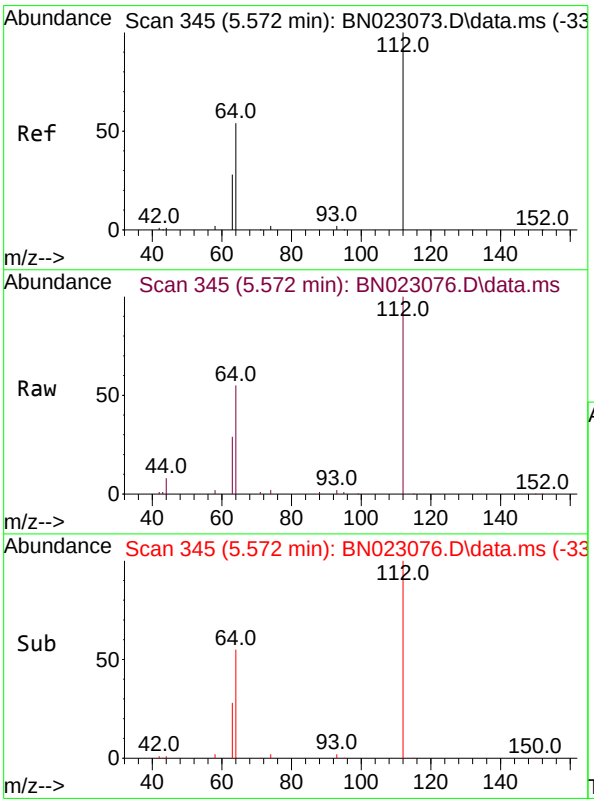
#3
n-Nitrosodimethylamine
Concen: 3.084 ng
RT: 3.738 min Scan# 91
Delta R.T. -0.015 min
Lab File: BN023076.D
Acq: 06 Dec 2022 15:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion: 42 Resp: 28230

Ion	Ratio	Lower	Upper
42	100		
74	124.3	99.9	149.9
44	7.3	9.0	13.6#

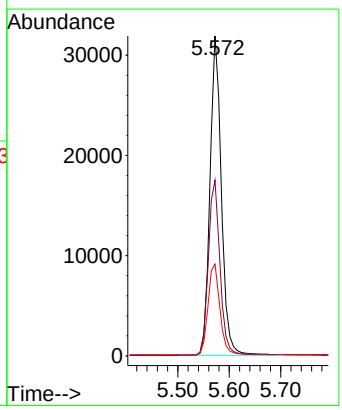


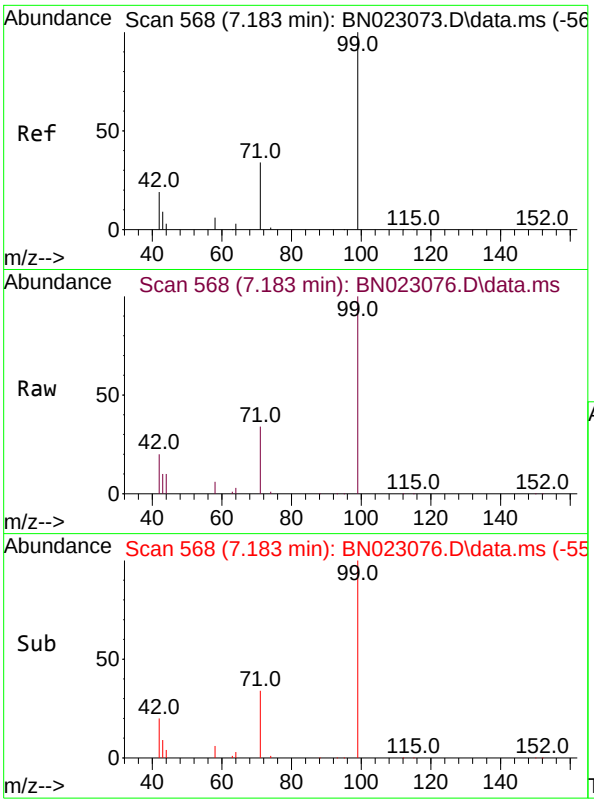


#4
2-Fluorophenol
Concen: 3.337 ng
RT: 5.572 min Scan# 345
Delta R.T. -0.000 min
Lab File: BN023076.D
Acq: 06 Dec 2022 15:55

Tgt Ion:112 Resp: 49250

Ion	Ratio	Lower	Upper
112	100		
64	56.1	45.0	67.6
63	29.5	24.2	36.4



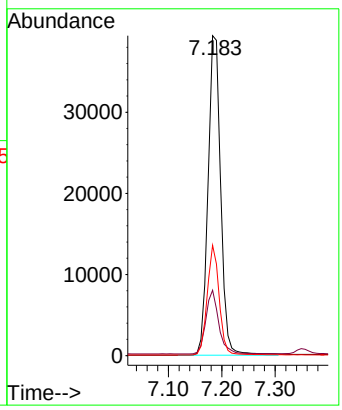


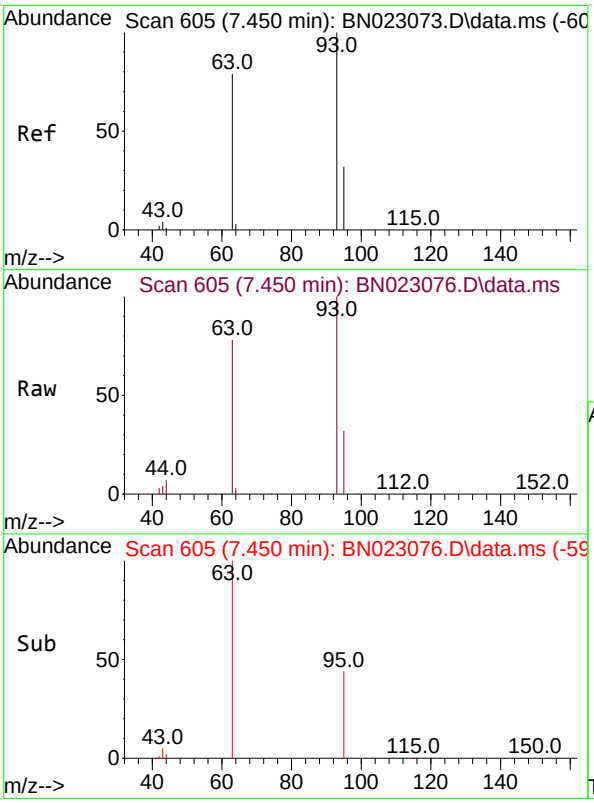
#5
Phenol-d6
Concen: 3.305 ng
RT: 7.183 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN023076.D
Acq: 06 Dec 2022 15:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion: 99 Resp: 64813

Ion	Ratio	Lower	Upper
99	100		
42	20.3	16.1	24.1
71	32.6	26.4	39.6

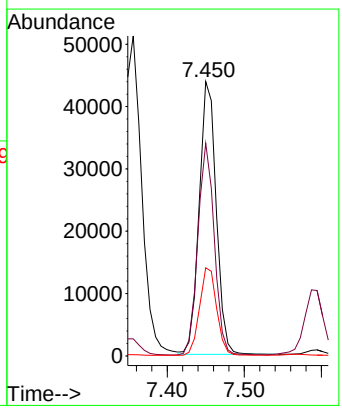


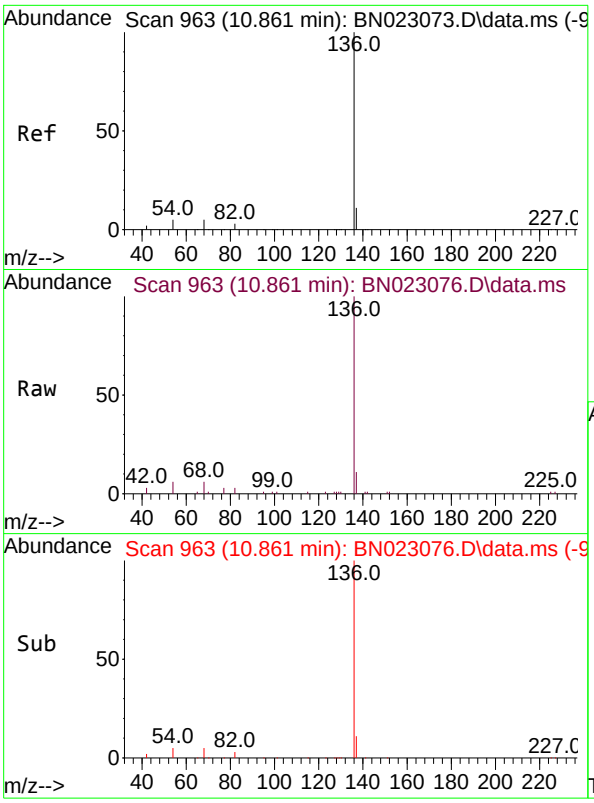


#6
bis(2-Chloroethyl)ether
Concen: 3.148 ng
RT: 7.450 min Scan# 605
Delta R.T. -0.000 min
Lab File: BN023076.D
Acq: 06 Dec 2022 15:55

Tgt Ion: 93 Resp: 67149

Ion	Ratio	Lower	Upper
93	100		
63	74.8	59.3	88.9
95	32.3	25.8	38.6



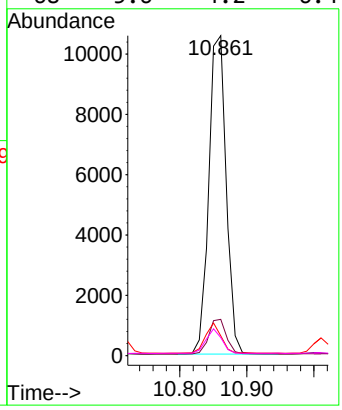


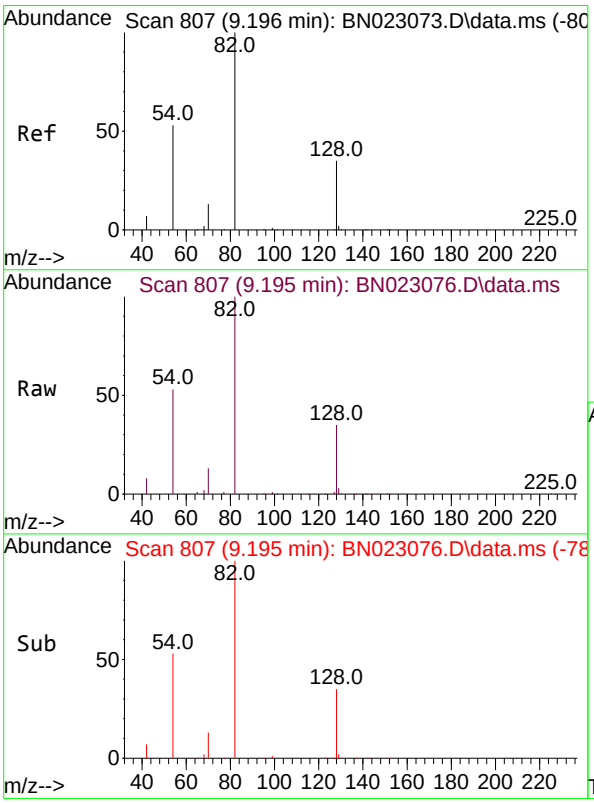
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.861 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN023076.D
Acq: 06 Dec 2022 15:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:136 Resp: 19005

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	6.2	4.6	7.0
68	5.6	4.2	6.4

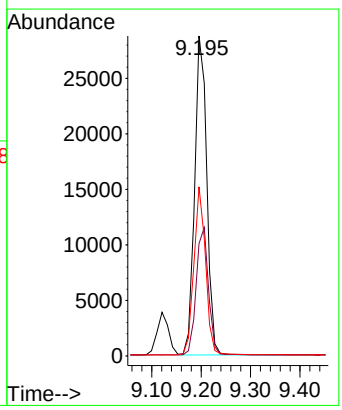


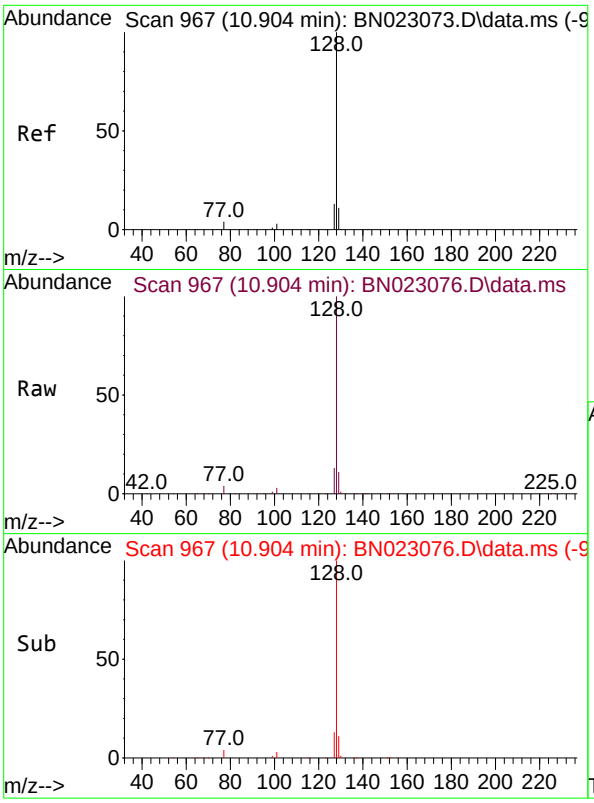


#8
Nitrobenzene-d5
Concen: 3.417 ng
RT: 9.195 min Scan# 807
Delta R.T. -0.000 min
Lab File: BN023076.D
Acq: 06 Dec 2022 15:55

Tgt Ion: 82 Resp: 48939

Ion	Ratio	Lower	Upper
82	100		
128	35.1	28.9	43.3
54	52.8	43.4	65.2



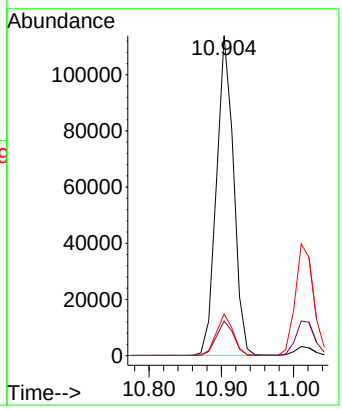


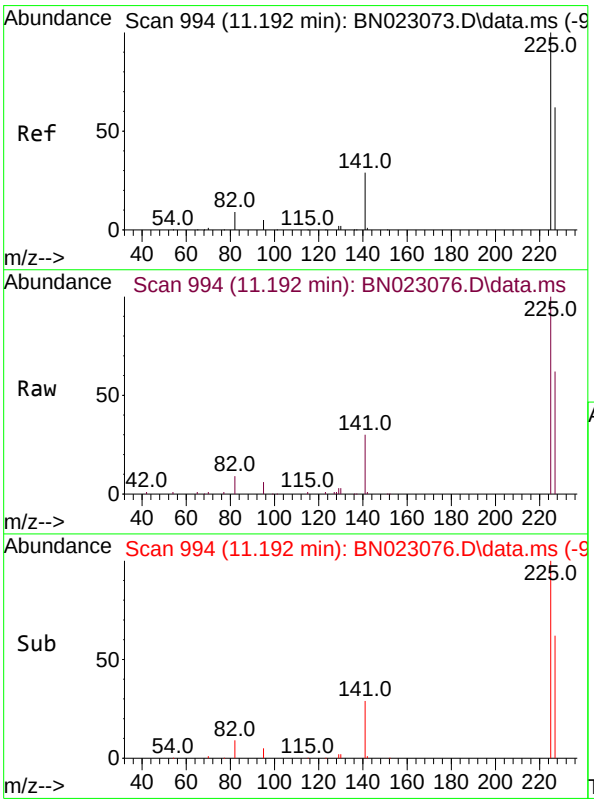
#9
Naphthalene
Concen: 3.243 ng
RT: 10.904 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN023076.D
Acq: 06 Dec 2022 15:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:128 Resp: 187519

Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.4
127	13.0	10.7	16.1

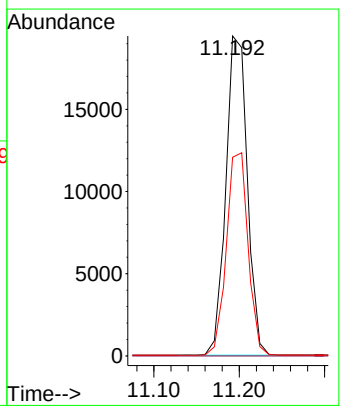


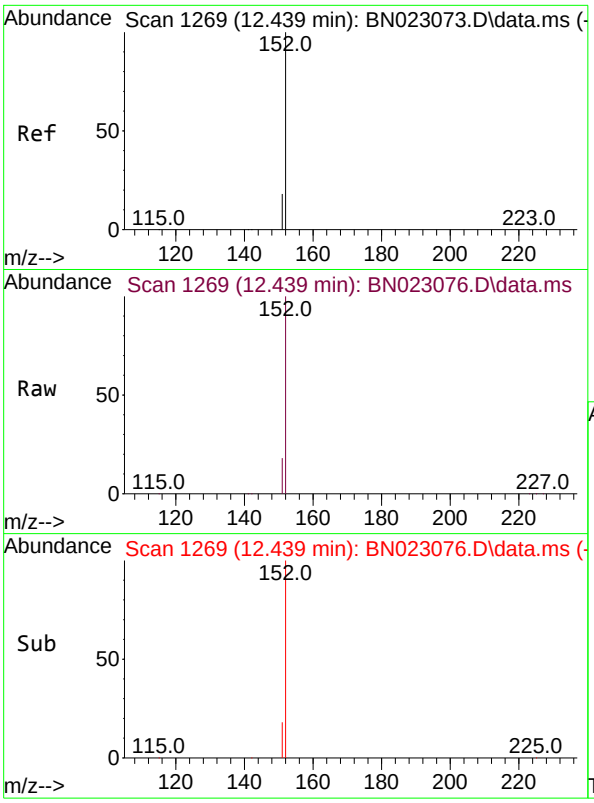


#10
Hexachlorobutadiene
Concen: 3.137 ng
RT: 11.192 min Scan# 994
Delta R.T. -0.000 min
Lab File: BN023076.D
Acq: 06 Dec 2022 15:55

Tgt Ion:225 Resp: 34074

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.9	51.3	76.9



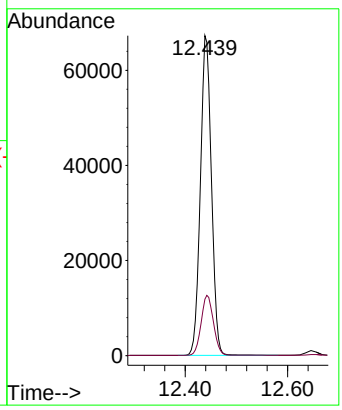


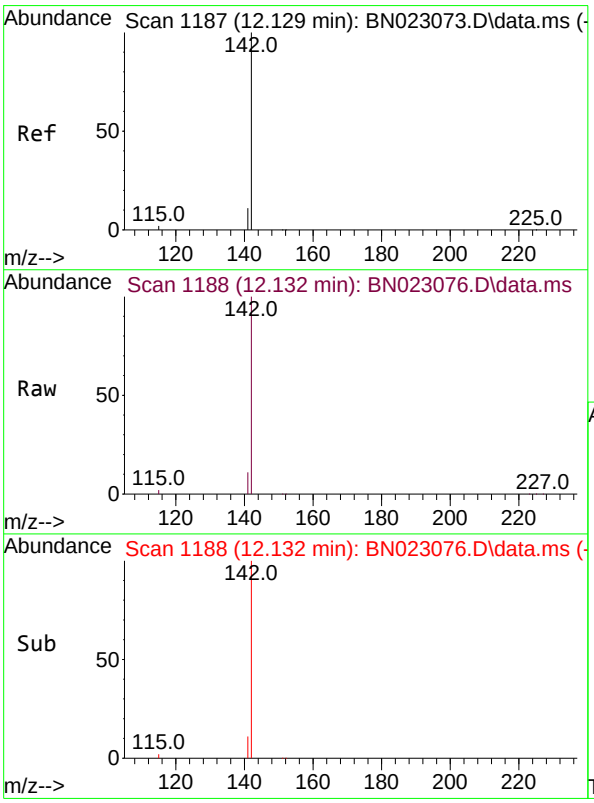
#11
2-Methylnaphthalene-d10
Concen: 3.720 ng
RT: 12.439 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN023076.D
Acq: 06 Dec 2022 15:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 133526

Ion	Ratio	Lower	Upper
152	100		
151	21.8	12.4	18.6#

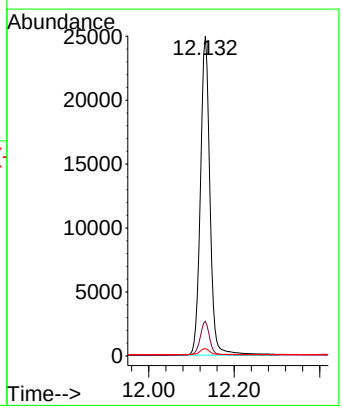


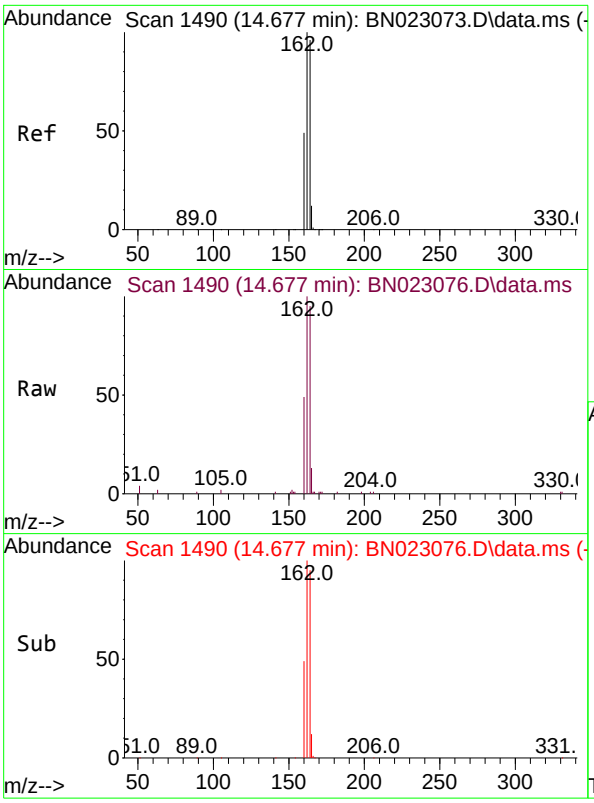


#12
2-Methylnaphthalene
Concen: 3.912 ng
RT: 12.132 min Scan# 1188
Delta R.T. 0.004 min
Lab File: BN023076.D
Acq: 06 Dec 2022 15:55

Tgt Ion:142 Resp: 38462

Ion	Ratio	Lower	Upper
142	100		
141	10.8	10.2	15.4
115	2.2	4.5	6.7#



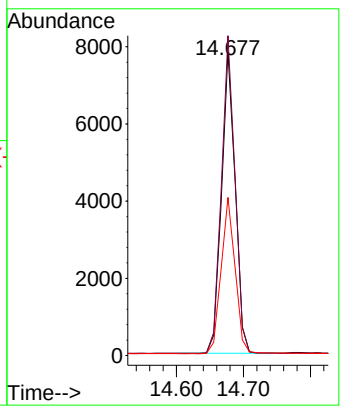


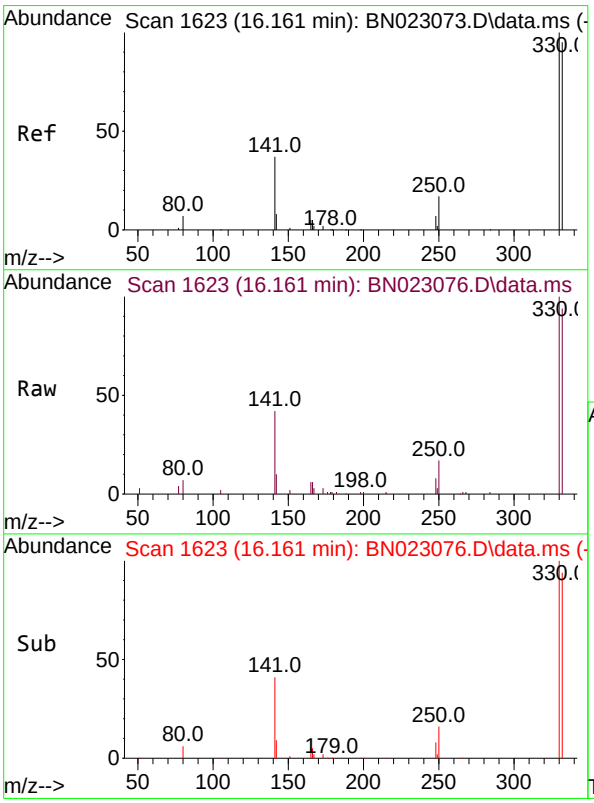
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.677 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN023076.D
Acq: 06 Dec 2022 15:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:164 Resp: 11016

Ion	Ratio	Lower	Upper
164	100		
162	105.4	83.5	125.3
160	52.1	41.4	62.2

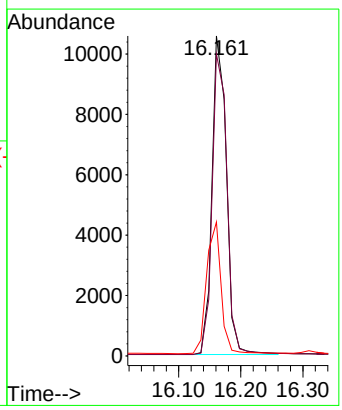


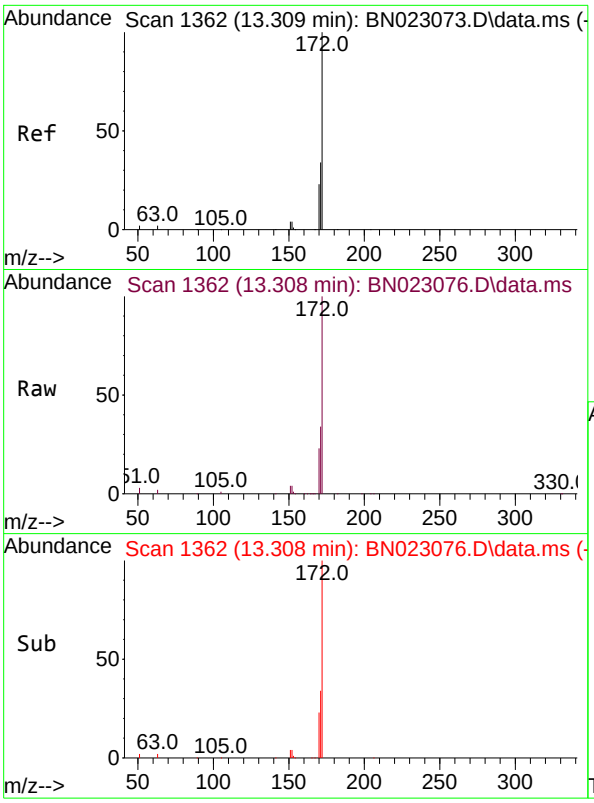


#14
2,4,6-Tribromophenol
Concen: 3.739 ng
RT: 16.161 min Scan# 1623
Delta R.T. -0.000 min
Lab File: BN023076.D
Acq: 06 Dec 2022 15:55

Tgt Ion:330 Resp: 17088

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.4	116.0
141	41.2	33.4	50.2



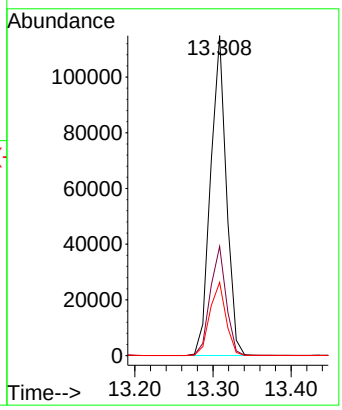


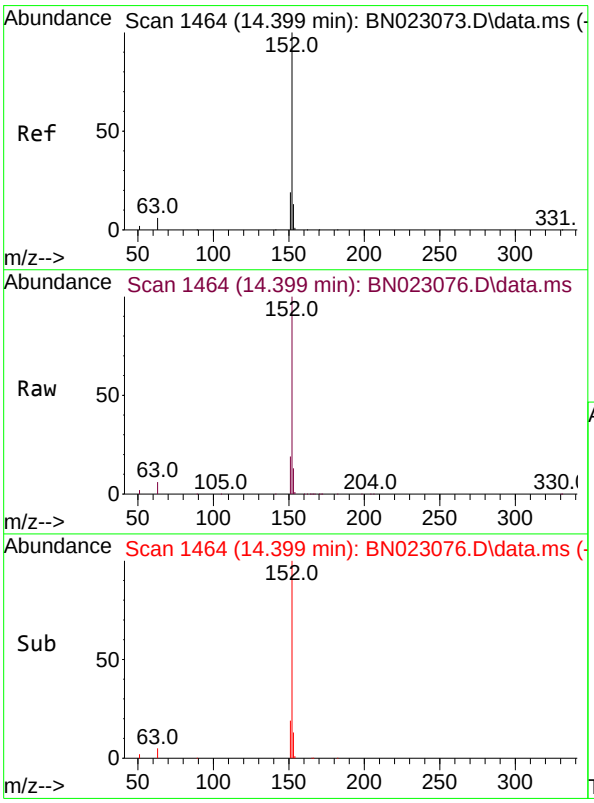
#15
2-Fluorobiphenyl
Concen: 3.256 ng
RT: 13.308 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN023076.D
Acq: 06 Dec 2022 15:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:172 Resp: 160744

Ion	Ratio	Lower	Upper
172	100		
171	34.1	27.1	40.7
170	22.9	18.3	27.5

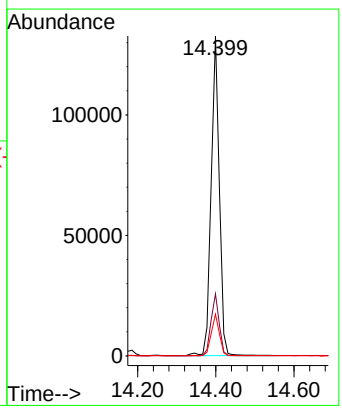


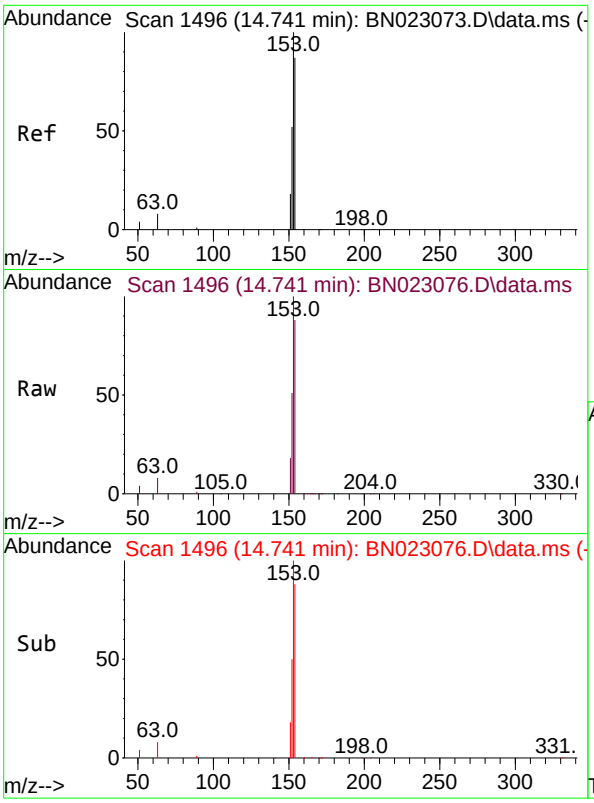


#16
Acenaphthylene
Concen: 3.578 ng
RT: 14.399 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BN023076.D
Acq: 06 Dec 2022 15:55

Tgt Ion:152 Resp: 192400

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.2
153	13.0	10.2	15.4



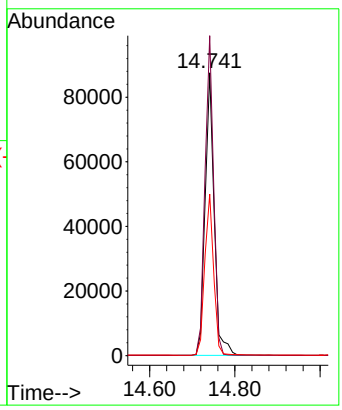


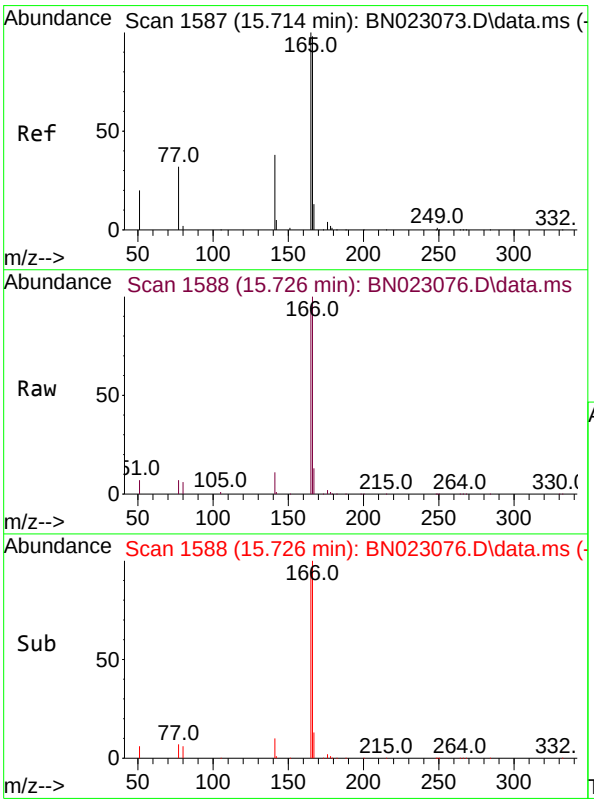
#17
Acenaphthene
Concen: 3.378 ng
RT: 14.741 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN023076.D
Acq: 06 Dec 2022 15:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:154 Resp: 129187

Ion	Ratio	Lower	Upper
154	100		
153	108.3	88.5	132.7
152	55.9	46.6	70.0

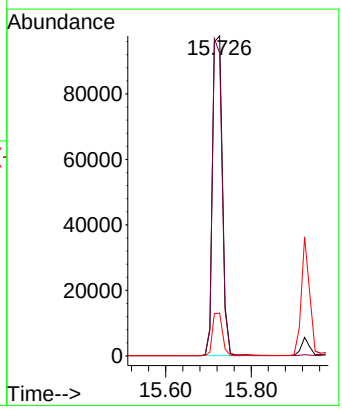


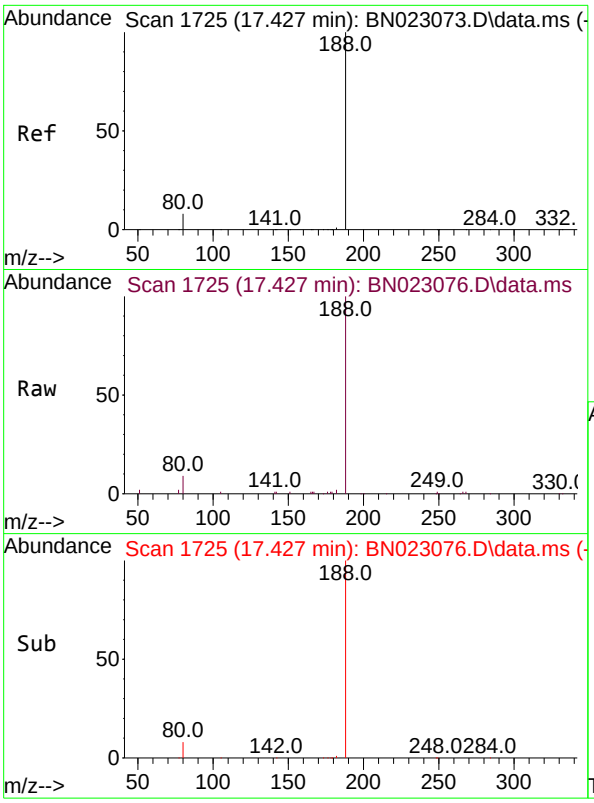


#18
Fluorene
Concen: 3.252 ng
RT: 15.726 min Scan# 1588
Delta R.T. 0.012 min
Lab File: BN023076.D
Acq: 06 Dec 2022 15:55

Tgt Ion:166 Resp: 153578

Ion	Ratio	Lower	Upper
166	100		
165	100.1	76.3	114.5
167	13.3	10.6	16.0



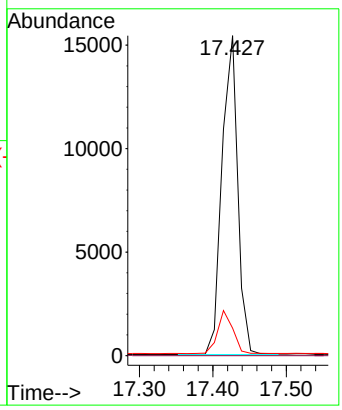


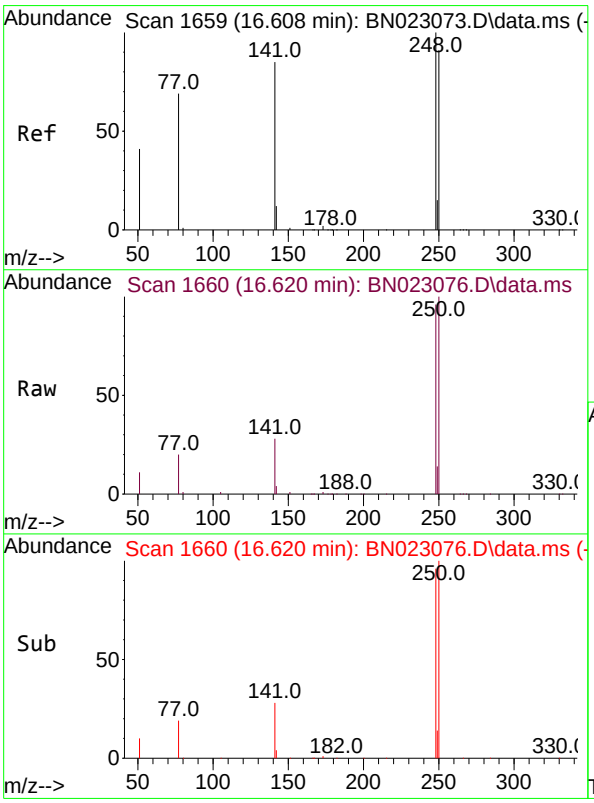
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN023076.D
Acq: 06 Dec 2022 15:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:188 Resp: 23140

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.6	6.5	9.7

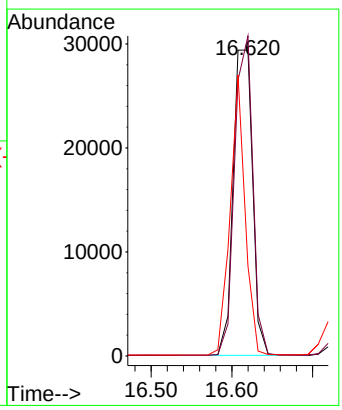


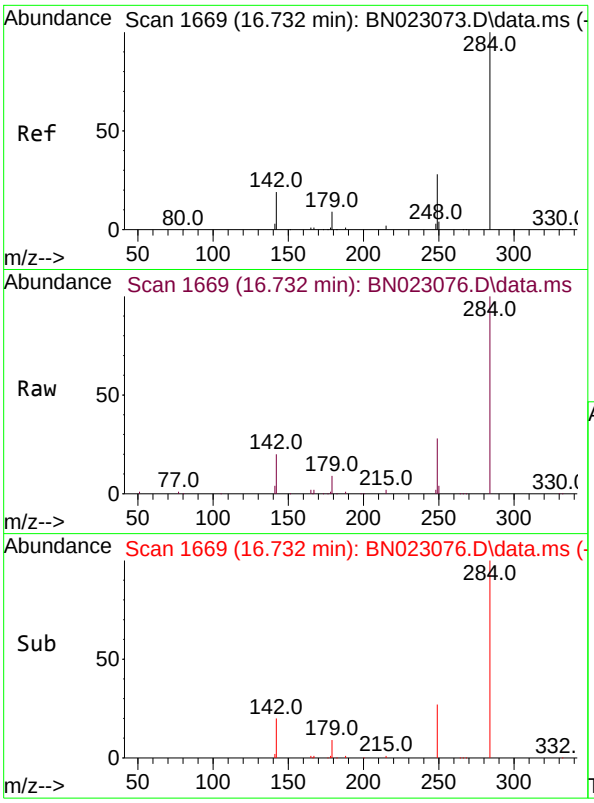


#21
4-Bromophenyl-phenylether
Concen: 3.295 ng
RT: 16.620 min Scan# 1660
Delta R.T. 0.012 min
Lab File: BN023076.D
Acq: 06 Dec 2022 15:55

Tgt Ion:248 Resp: 49165

Ion	Ratio	Lower	Upper
248	100		
250	104.7	72.7	109.1
141	29.4	68.3	102.5#



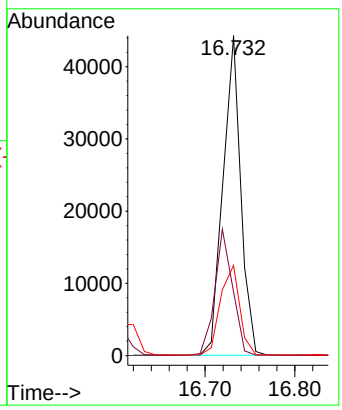


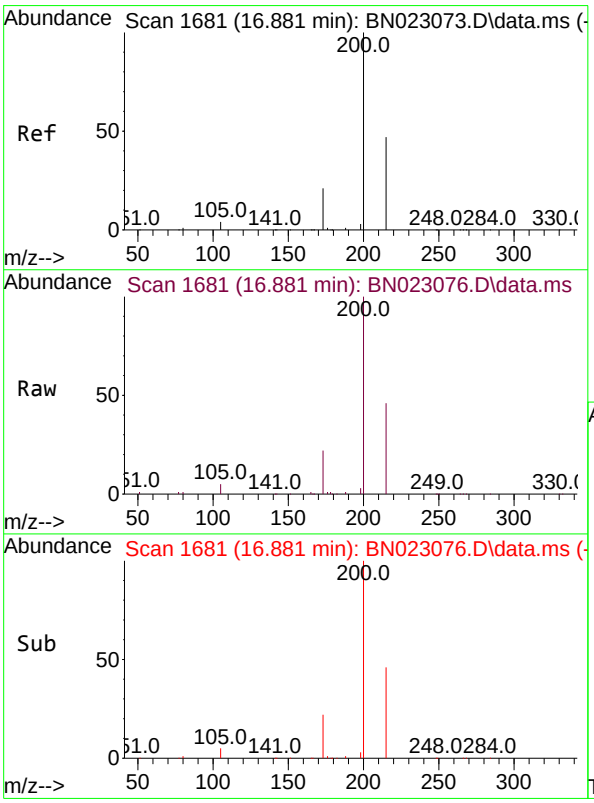
#22
Hexachlorobenzene
Concen: 3.304 ng
RT: 16.732 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN023076.D
Acq: 06 Dec 2022 15:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:284 Resp: 60937

Ion	Ratio	Lower	Upper
284	100		
142	39.3	31.2	46.8
249	30.6	24.5	36.7

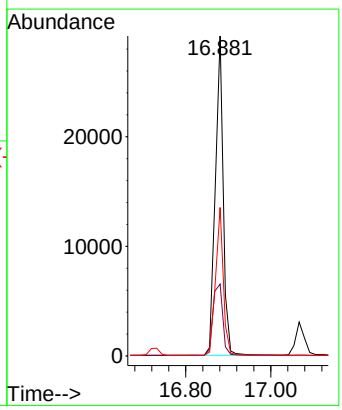


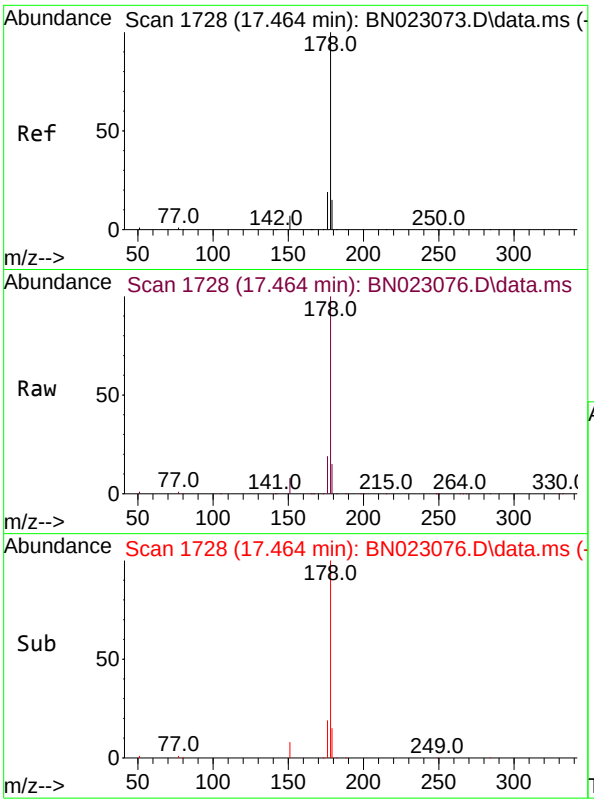


#23
Atrazine
Concen: 3.826 ng
RT: 16.881 min Scan# 1681
Delta R.T. -0.000 min
Lab File: BN023076.D
Acq: 06 Dec 2022 15:55

Tgt Ion:200 Resp: 37712

Ion	Ratio	Lower	Upper
200	100		
173	22.4	18.0	27.0
215	46.4	37.9	56.9



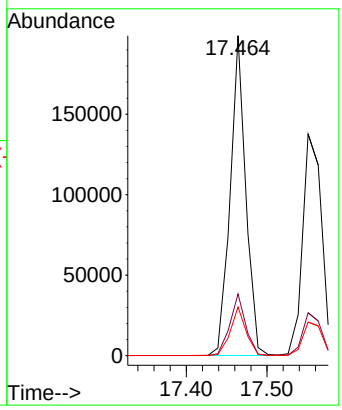


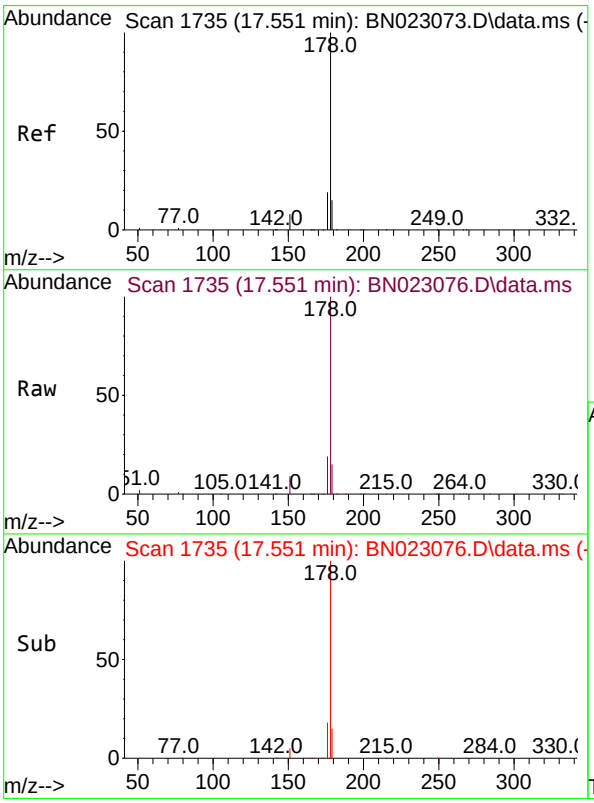
#25
Phenanthrene
Concen: 3.326 ng
RT: 17.464 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN023076.D
Acq: 06 Dec 2022 15:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:178 Resp: 266760

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.6	23.4
179	15.1	12.2	18.2

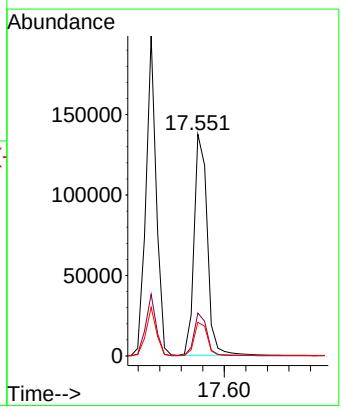


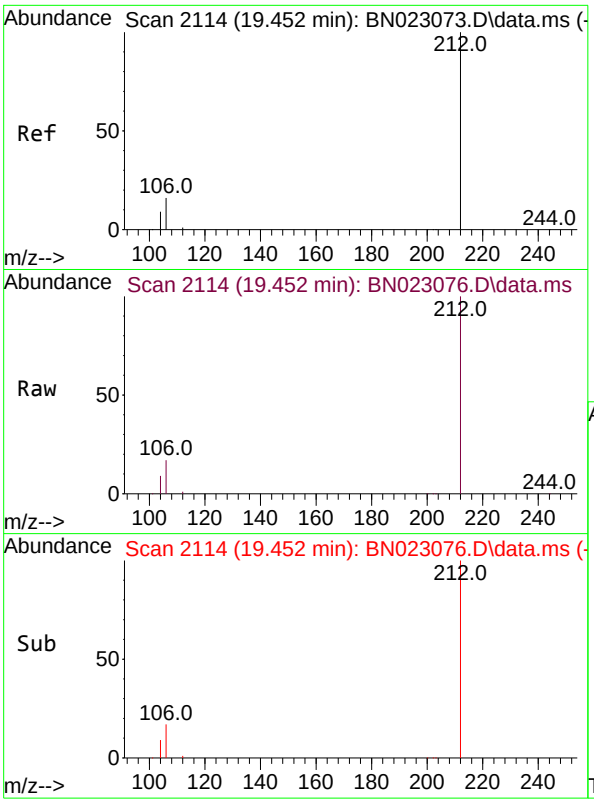


#26
Anthracene
Concen: 3.515 ng
RT: 17.551 min Scan# 1735
Delta R.T. -0.000 min
Lab File: BN023076.D
Acq: 06 Dec 2022 15:55

Tgt Ion:178 Resp: 231582

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.3	12.4	18.6



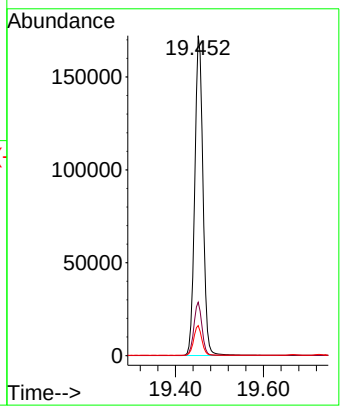


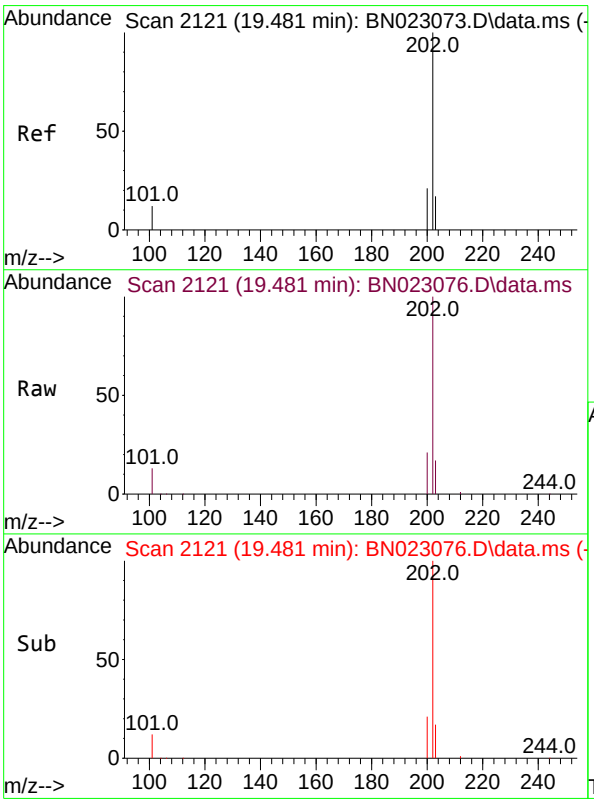
#27
Fluoranthene-d10
Concen: 3.376 ng
RT: 19.452 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN023076.D
Acq: 06 Dec 2022 15:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:212 Resp: 222886

Ion	Ratio	Lower	Upper
212	100		
106	16.4	13.0	19.6
104	9.2	7.4	11.0

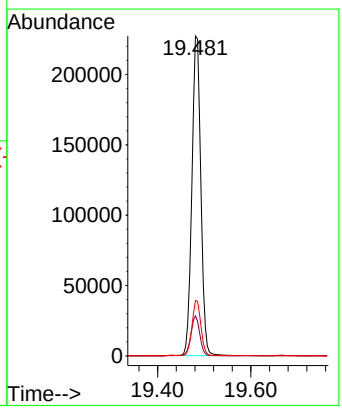


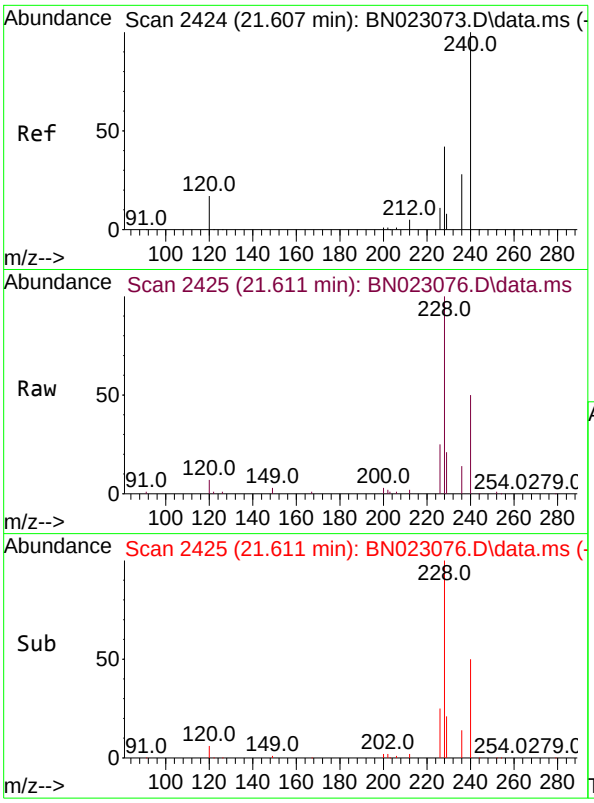


#28
Fluoranthene
Concen: 3.380 ng
RT: 19.481 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BN023076.D
Acq: 06 Dec 2022 15:55

Tgt Ion:202 Resp: 302766

Ion	Ratio	Lower	Upper
202	100		
101	12.4	10.2	15.2
203	17.3	13.7	20.5



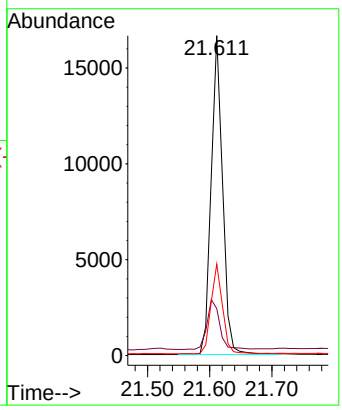


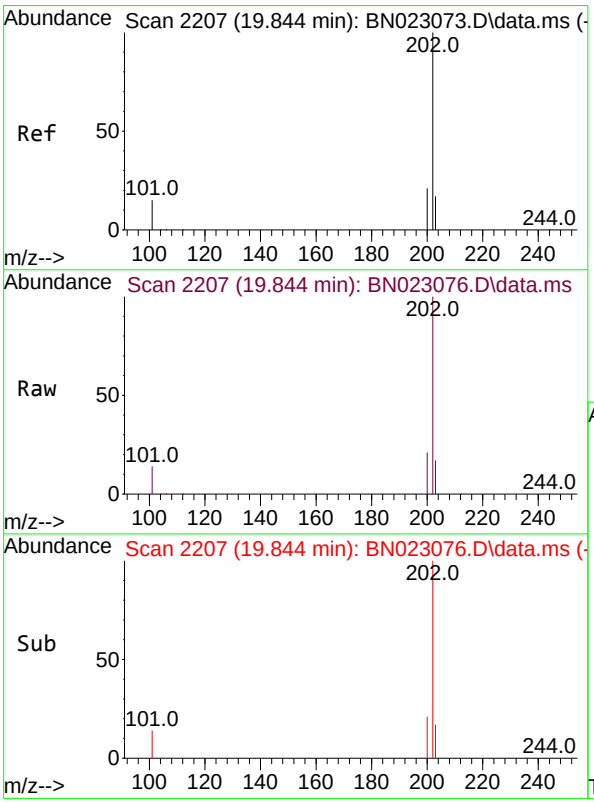
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.611 min Scan# 24
Delta R.T. 0.004 min
Lab File: BN023076.D
Acq: 06 Dec 2022 15:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:240 Resp: 21361

Ion	Ratio	Lower	Upper
240	100		
120	14.7	14.8	22.2#
236	28.6	22.8	34.2

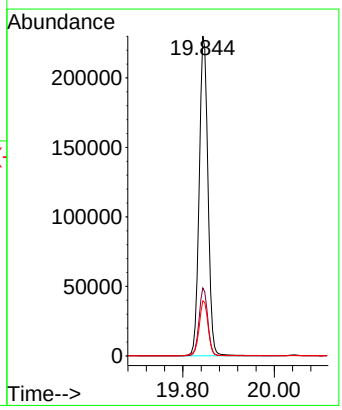


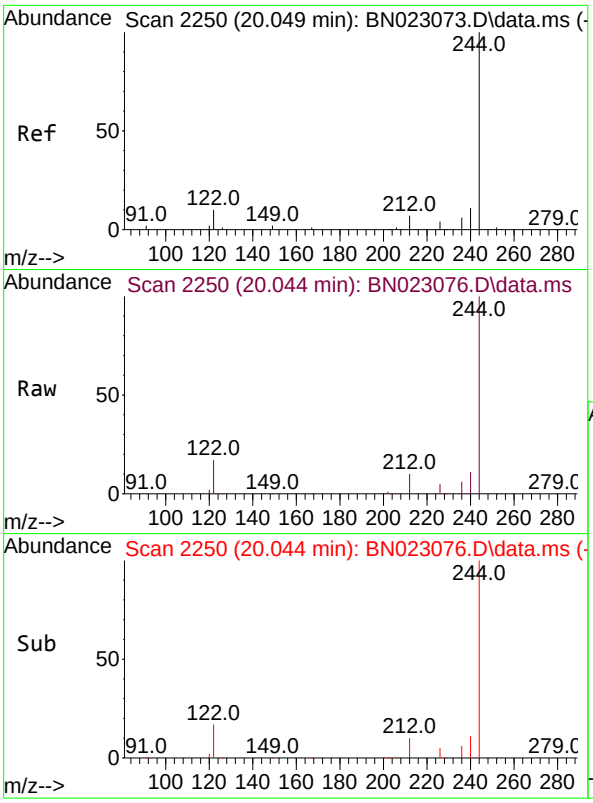


#30
Pyrene
Concen: 3.340 ng
RT: 19.844 min Scan# 2207
Delta R.T. -0.000 min
Lab File: BN023076.D
Acq: 06 Dec 2022 15:55

Tgt Ion:202 Resp: 301395

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.7	25.1
203	17.7	14.2	21.2



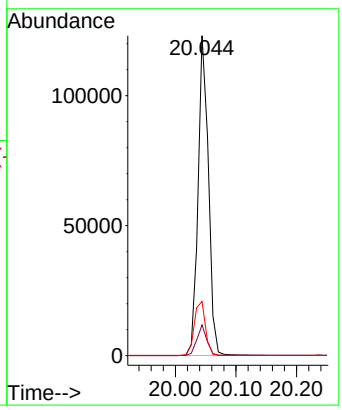


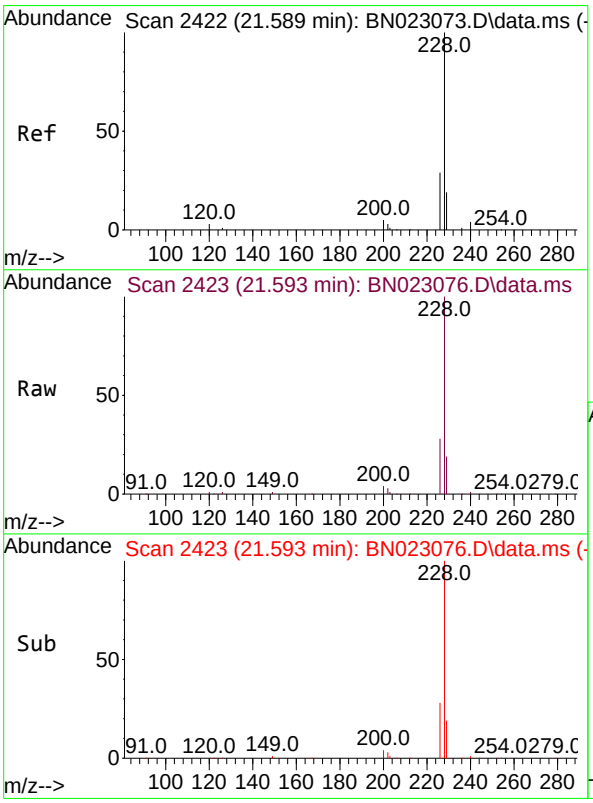
#31
Terphenyl-d14
Concen: 3.248 ng
RT: 20.044 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN023076.D
Acq: 06 Dec 2022 15:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:244 Resp: 141866

Ion	Ratio	Lower	Upper
244	100		
212	9.6	6.2	9.2#
122	16.9	8.1	12.1#

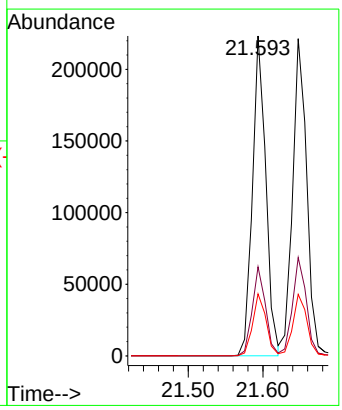


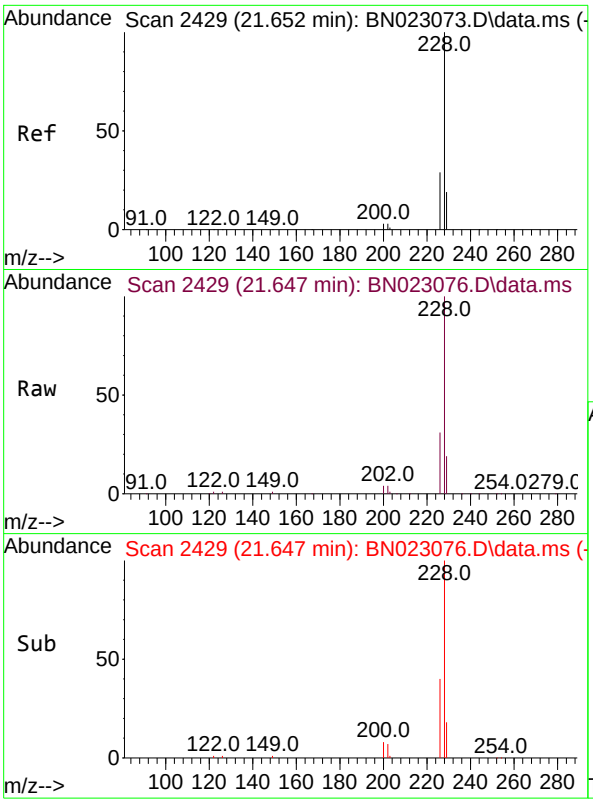


#32
Benzo(a)anthracene
Concen: 3.516 ng
RT: 21.593 min Scan# 2423
Delta R.T. 0.004 min
Lab File: BN023076.D
Acq: 06 Dec 2022 15:55

Tgt Ion:228 Resp: 277682

Ion	Ratio	Lower	Upper
228	100		
226	27.8	23.0	34.4
229	19.4	15.4	23.0



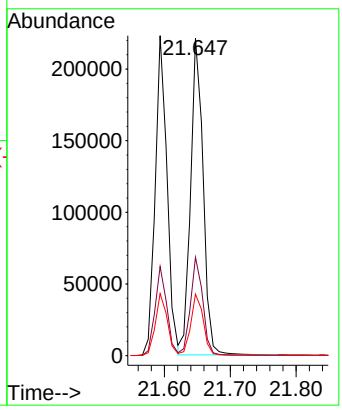


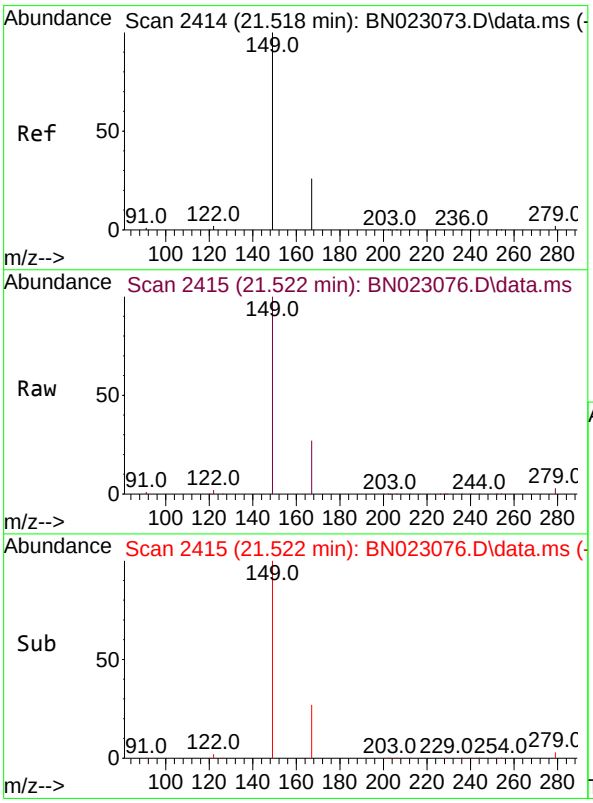
#33
Chrysene
Concen: 3.329 ng
RT: 21.647 min Scan# 24
Delta R.T. -0.005 min
Lab File: BN023076.D
Acq: 06 Dec 2022 15:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:228 Resp: 291597

Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.7	35.5
229	19.4	15.7	23.5

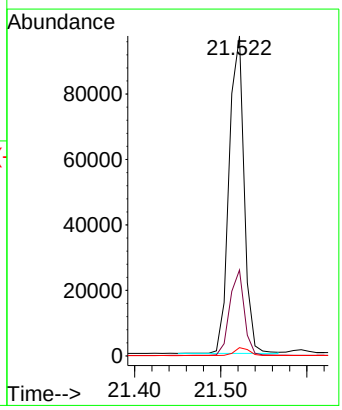


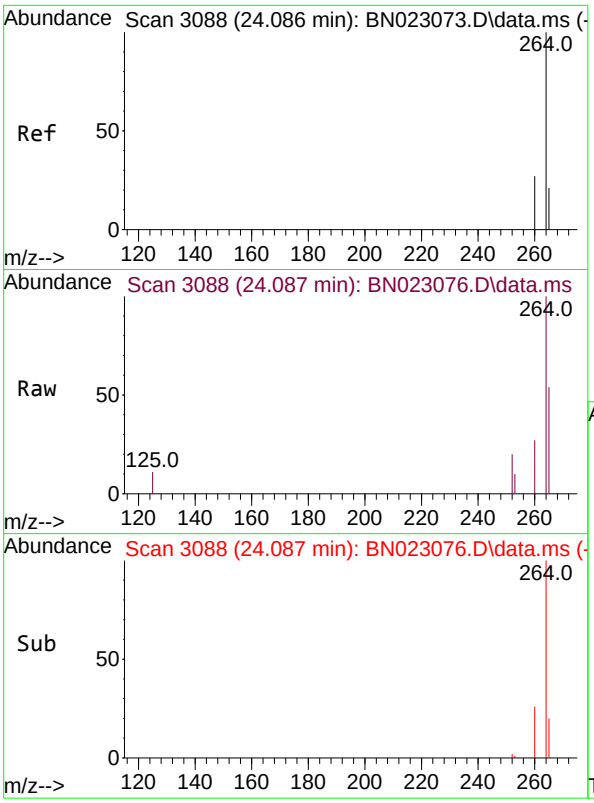


#34
Bis(2-ethylhexyl)phthalate
Concen: 3.788 ng
RT: 21.522 min Scan# 2415
Delta R.T. 0.004 min
Lab File: BN023076.D
Acq: 06 Dec 2022 15:55

Tgt Ion:149 Resp: 117128

Ion	Ratio	Lower	Upper
149	100		
167	26.0	20.6	31.0
279	2.4	2.2	3.2



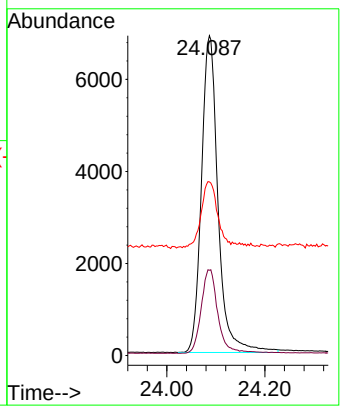


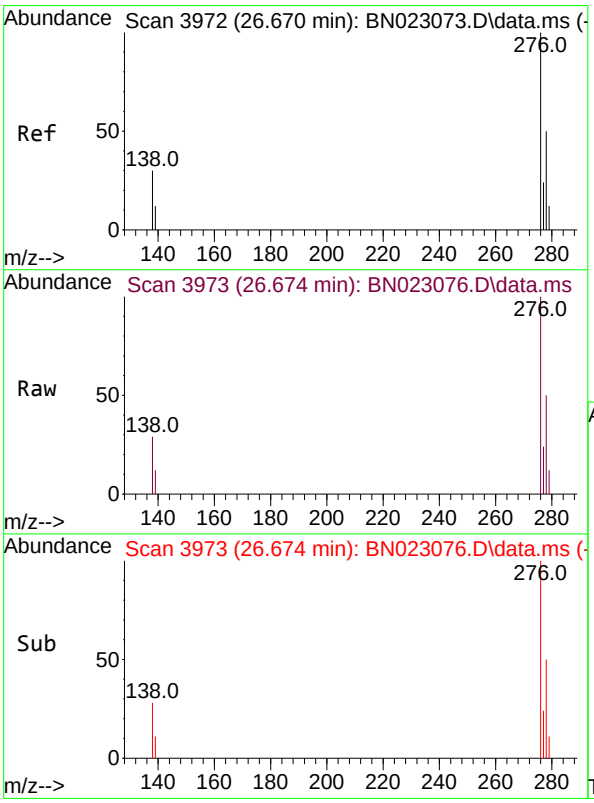
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.087 min Scan# 3
Delta R.T. 0.001 min
Lab File: BN023076.D
Acq: 06 Dec 2022 15:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:264 Resp: 16190

Ion	Ratio	Lower	Upper
264	100		
260	26.7	21.4	32.2
265	54.3	34.6	52.0#

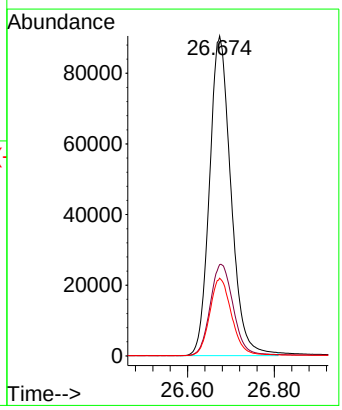


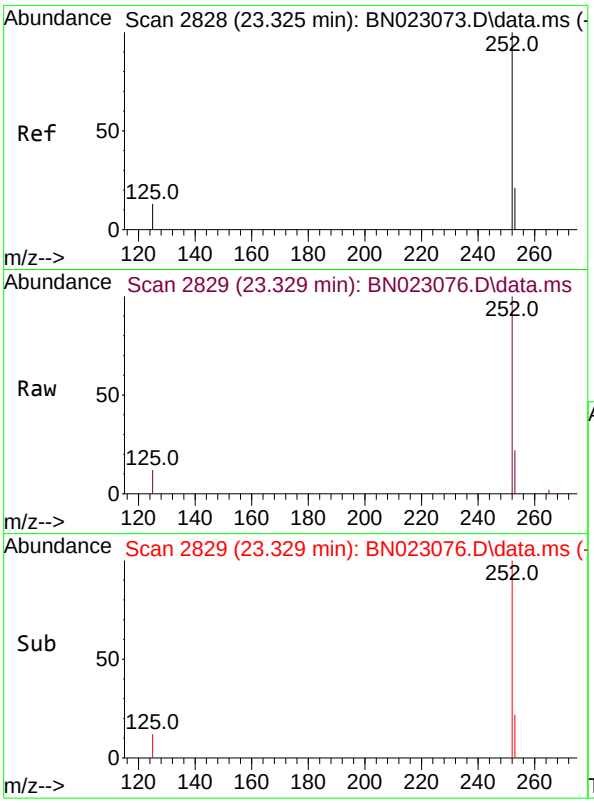


#36
Indeno(1,2,3-cd)pyrene
Concen: 3.557 ng
RT: 26.674 min Scan# 3973
Delta R.T. 0.004 min
Lab File: BN023076.D
Acq: 06 Dec 2022 15:55

Tgt Ion:276 Resp: 310664

Ion	Ratio	Lower	Upper
276	100		
138	30.7	24.8	37.2
277	24.7	19.6	29.4



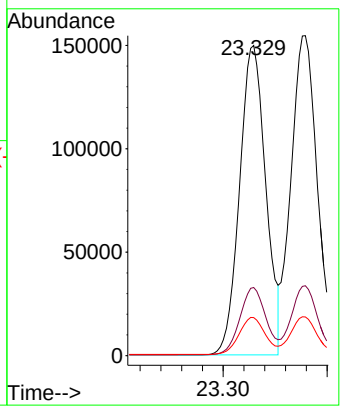


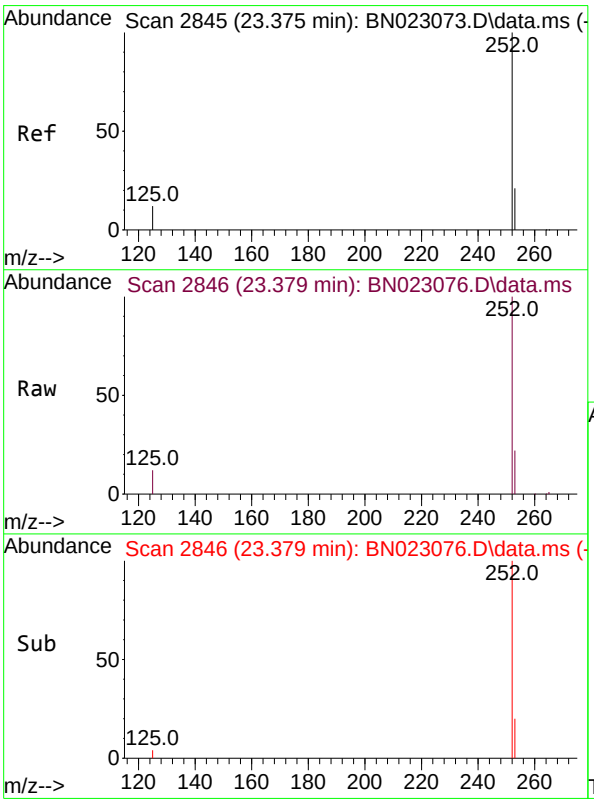
#37
Benzo(b)fluoranthene
Concen: 3.539 ng
RT: 23.329 min Scan# 2
Delta R.T. 0.004 min
Lab File: BN023076.D
Acq: 06 Dec 2022 15:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 262052

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.4	27.6
125	12.3	12.1	18.1

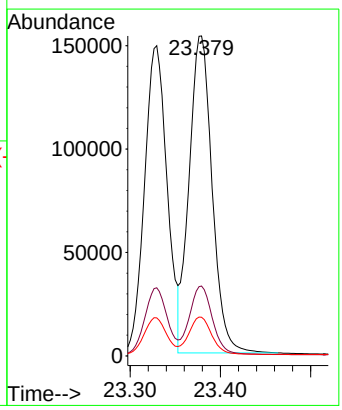


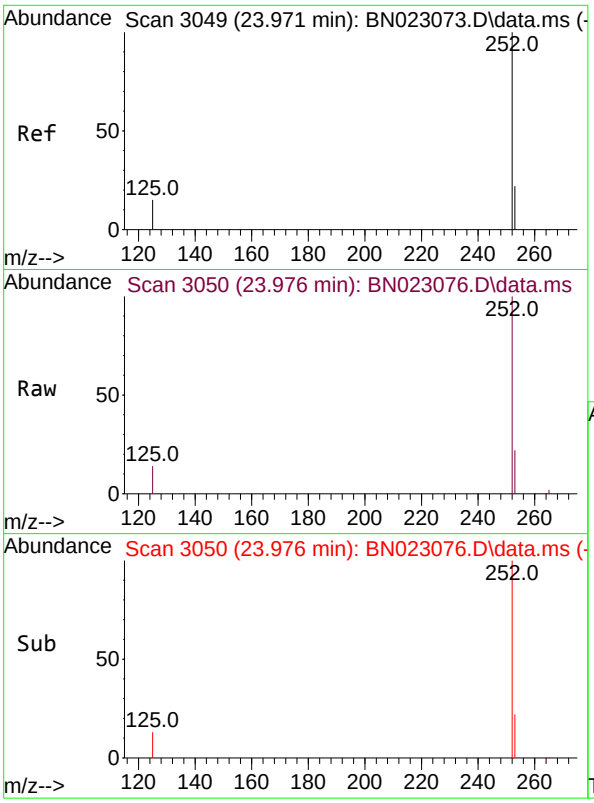


#38
Benzo(k)fluoranthene
Concen: 3.575 ng
RT: 23.379 min Scan# 2846
Delta R.T. 0.004 min
Lab File: BN023076.D
Acq: 06 Dec 2022 15:55

Tgt Ion:252 Resp: 272022

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.5	27.7
125	12.1	11.6	17.4



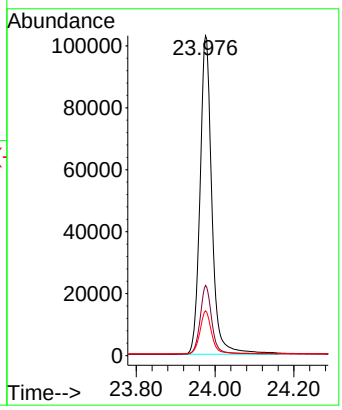


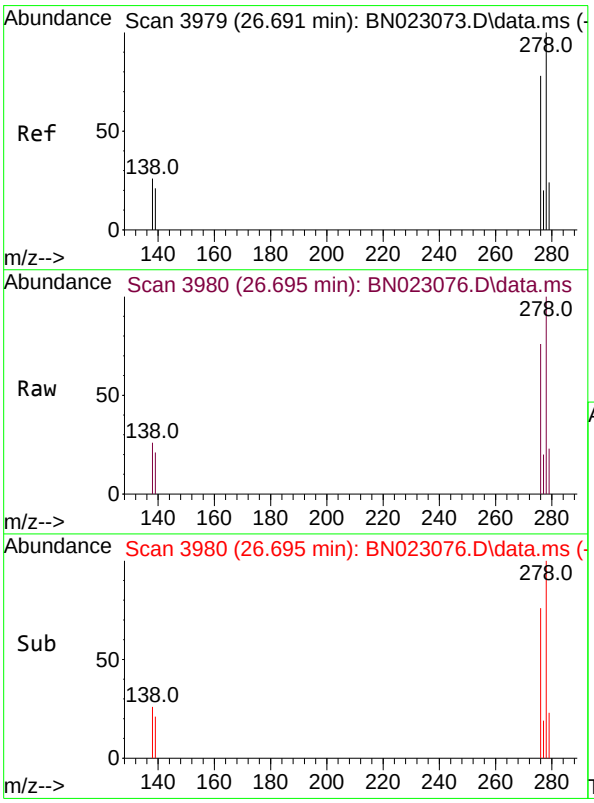
#39
Benzo(a)pyrene
Concen: 3.695 ng
RT: 23.976 min Scan# 3
Delta R.T. 0.004 min
Lab File: BN023076.D
Acq: 06 Dec 2022 15:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 214612

Ion	Ratio	Lower	Upper
252	100		
253	21.9	19.6	29.4
125	14.0	15.3	22.9#

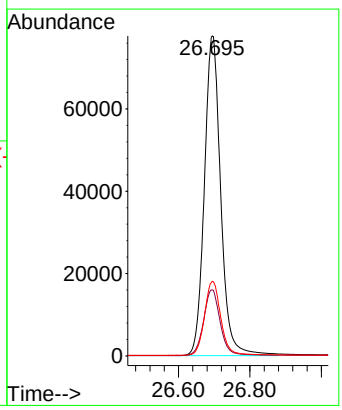


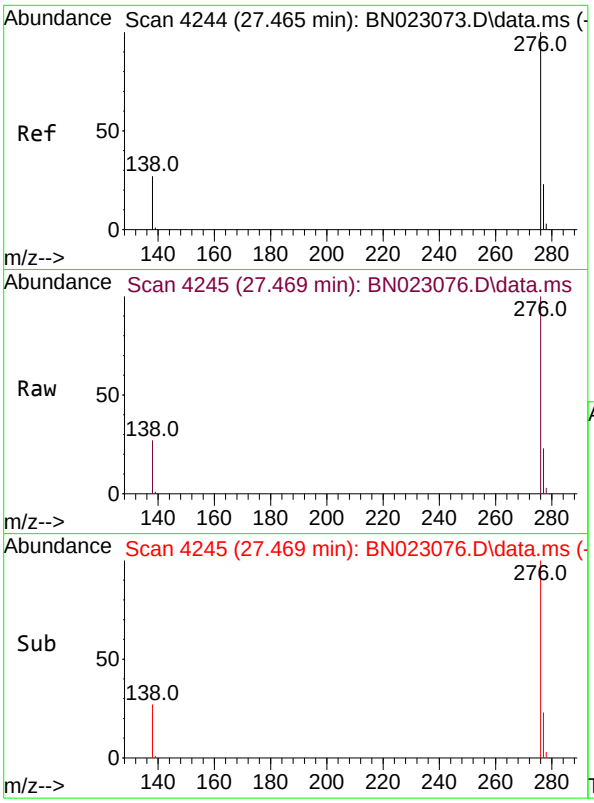


#40
Dibenzo(a,h)anthracene
Concen: 3.552 ng
RT: 26.695 min Scan# 3980
Delta R.T. 0.004 min
Lab File: BN023076.D
Acq: 06 Dec 2022 15:55

Tgt Ion:278 Resp: 247429

Ion	Ratio	Lower	Upper
278	100		
139	20.7	17.4	26.2
279	23.3	20.1	30.1





#41
Benzo(g,h,i)perylene
Concen: 3.517 ng
RT: 27.469 min Scan# 4
Delta R.T. 0.004 min
Lab File: BN023076.D
Acq: 06 Dec 2022 15:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 256538

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.0	28.6
138	26.9	21.8	32.8