Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012723\
Data File : BN023820.D
Acq On : 26 Jan 2023 15:51
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Jan 27 00:51:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 27 00:48:39 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.883	152	4782	0.400	ng		0.00
7) Naphthalene-d8	10.690	136	12193	0.400	ng		0.00
13) Acenaphthene-d10	14.527	164	7567	0.400	ng		0.00
19) Phenanthrene-d10	17.265	188	16012	0.400	ng		0.00
29) Chrysene-d12	21.464	240	16210	0.400	ng		0.00
35) Perylene-d12	23.881	264	12035	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.435	112	50989	5.121	ng		0.00
5) Phenol-d6	7.038	99	64401	5.467	ng		0.00
8) Nitrobenzene-d5	9.035	82	51745	5.582	ng		-0.01
11) 2-Methylnaphthalene-d10	12.276	152	89875	5.579	ng		0.00
14) 2,4,6-Tribromophenol	16.012	330	20769	6.266	ng		0.00
15) 2-Fluorobiphenyl	13.148	172	140690	4.668	ng		0.00
27) Fluoranthene-d10	19.304	212	217119	5.810	ng		0.00
31) Terphenyl-d14	19.903	244	160150	5.207	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.297	88	23172	4.598	ng		99
3) n-Nitrosodimethylamine	3.622	42	29103	5.444	ng	#	97
6) bis(2-Chloroethyl)ether	7.305	93	58714	4.923	ng		100
9) Naphthalene	10.733	128	154981	5.074	ng		99
10) Hexachlorobutadiene	11.021	225	30960	5.048	ng	#	99
12) 2-Methylnaphthalene	12.348	142	105660	5.404	ng		99
16) Acenaphthylene	14.238	152	168633	5.617	ng		100
17) Acenaphthene	14.591	154	105512	5.237	ng		96
18) Fluorene	15.575	166	141368	5.169	ng		98
21) 4-Bromophenyl-phenylether	16.459	248	47035	5.283	ng		99
22) Hexachlorobenzene	16.583	284	53103	4.970	ng		99
23) Atrazine	16.732	200	39774	6.165	ng		98
25) Phenanthrene	17.315	178	232351	5.231	ng		100
26) Anthracene	17.402	178	210338	5.841	ng		100
28) Fluoranthene	19.334	202	272137	5.584	ng		99
30) Pyrene	19.696	202	275439	5.003	ng		100
32) Benzo(a)anthracene	21.446	228	271914	5.513	ng		98
33) Chrysene	21.500	228	266913	4.900	ng		99
34) Bis(2-ethylhexyl)phtha...	21.374	149	129624	5.798	ng		98
36) Indeno(1,2,3-cd)pyrene	26.380	276	249110	4.981	ng		98
37) Benzo(b)fluoranthene	23.144	252	244781	5.396	ng	#	91
38) Benzo(k)fluoranthene	23.188	252	240660	5.371	ng	#	91
39) Benzo(a)pyrene	23.775	252	190365	5.594	ng	#	86
40) Dibenzo(a,h)anthracene	26.401	278	202265	4.998	ng		93
41) Benzo(g,h,i)perylene	27.149	276	204558	4.760	ng		95

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012723\
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Misc :
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Instrument :
BNA_N
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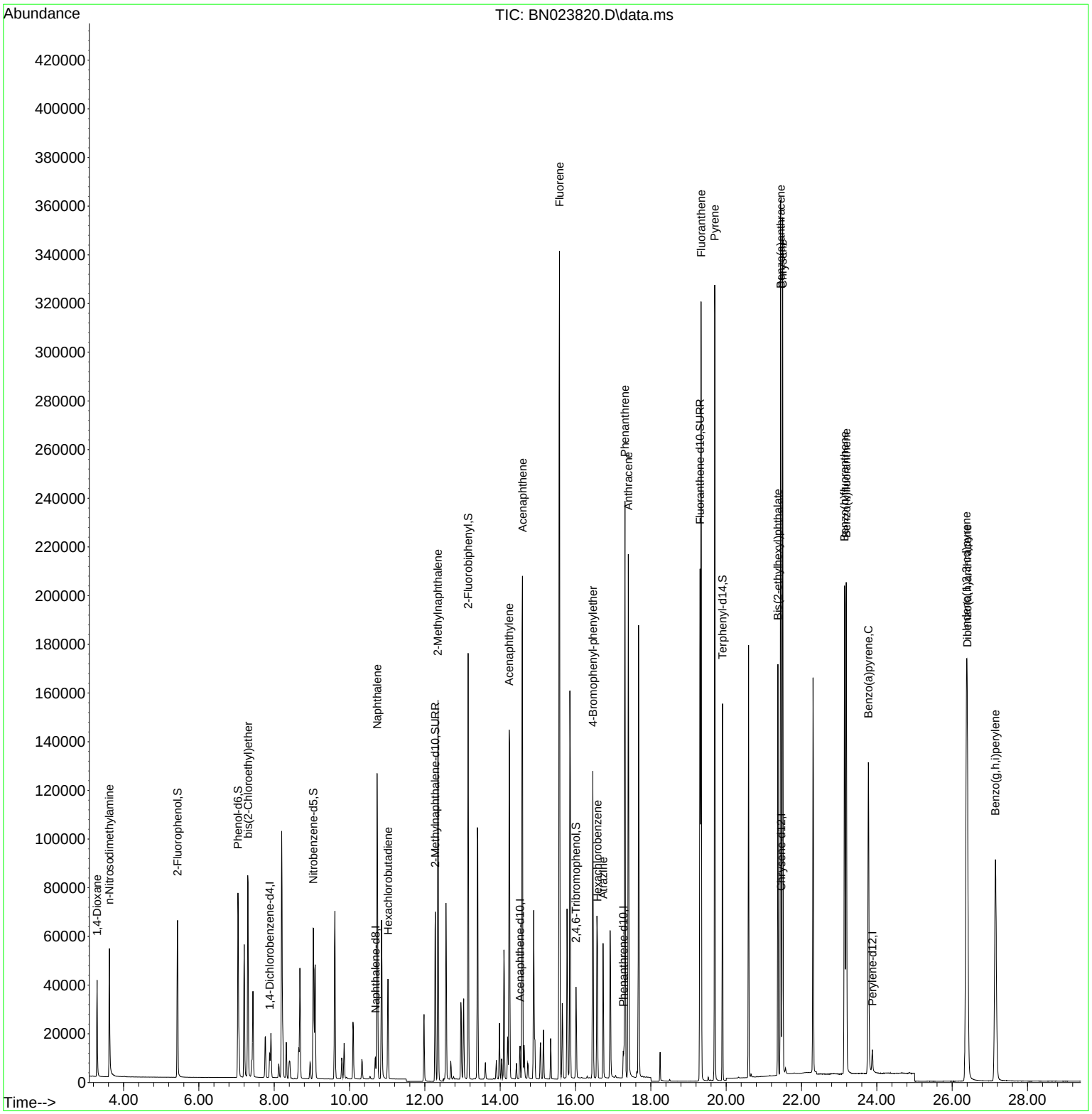
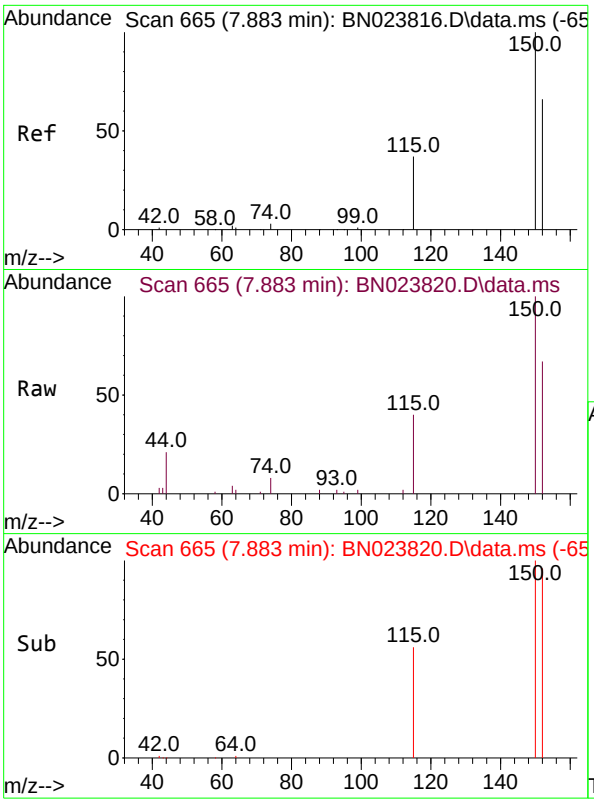
Quant Time: Jan 27 00:51:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 27 00:48:39 2023
Response via : Initial Calibration



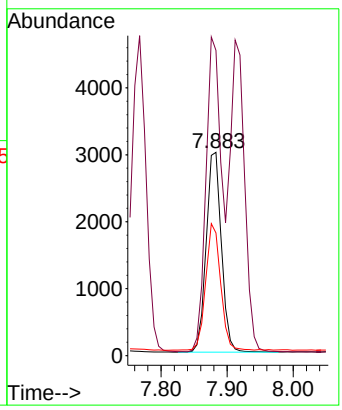


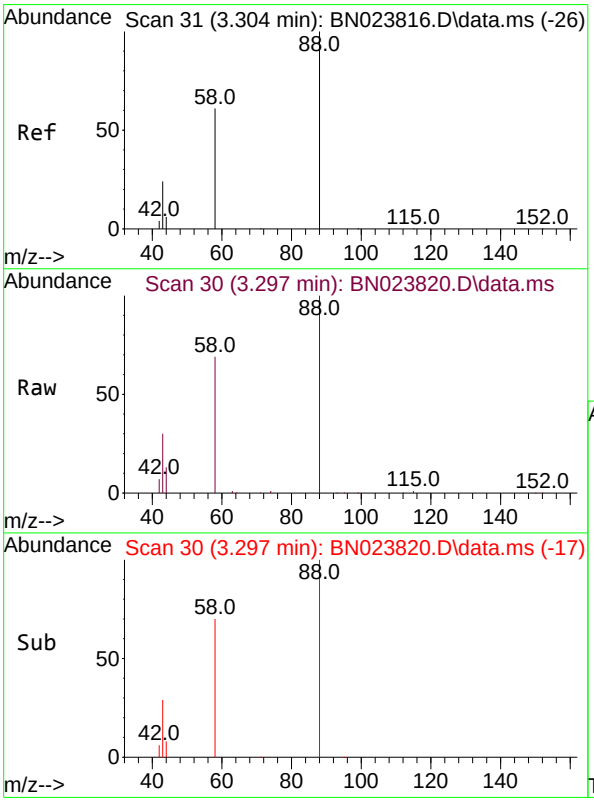
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.883 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN023820.D
Acq: 26 Jan 2023 15:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:152 Resp: 4782

Ion	Ratio	Lower	Upper
152	100		
150	150.1	120.5	180.7
115	60.3	46.4	69.6

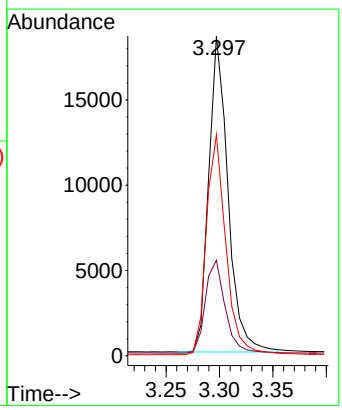


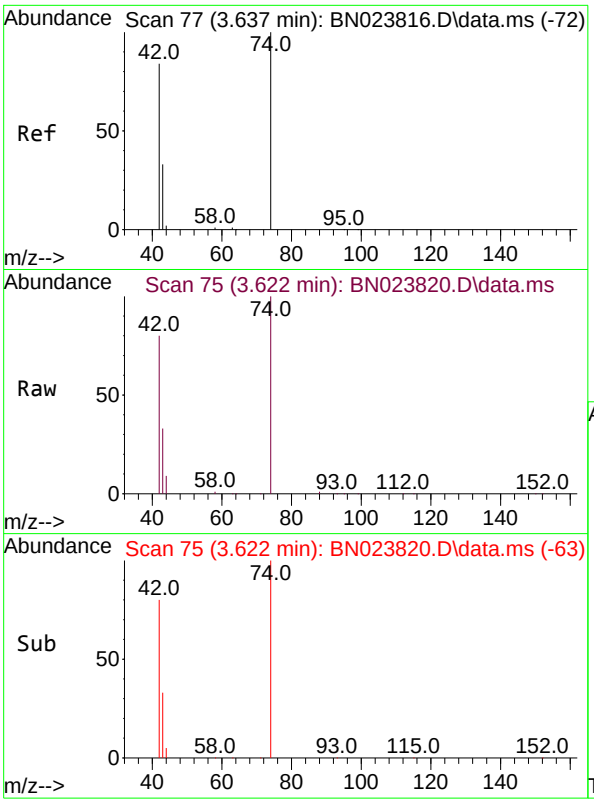


#2
1,4-Dioxane
Concen: 4.598 ng
RT: 3.297 min Scan# 30
Delta R.T. -0.007 min
Lab File: BN023820.D
Acq: 26 Jan 2023 15:51

Tgt Ion: 88 Resp: 23172

Ion	Ratio	Lower	Upper
88	100		
43	30.3	24.5	36.7
58	70.2	56.9	85.3



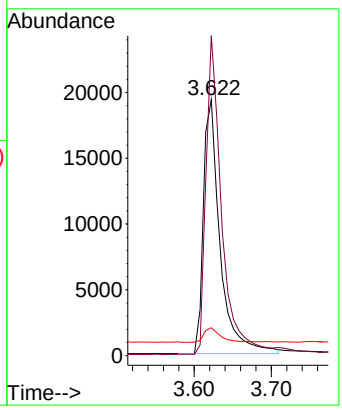


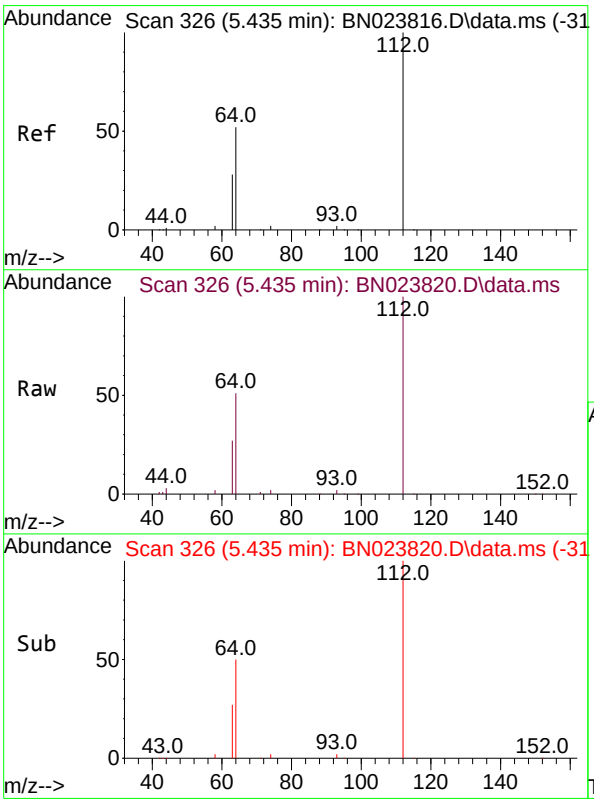
#3
n-Nitrosodimethylamine
Concen: 5.444 ng
RT: 3.622 min Scan# 7
Delta R.T. -0.014 min
Lab File: BN023820.D
Acq: 26 Jan 2023 15:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion: 42 Resp: 29103

Ion	Ratio	Lower	Upper
42	100		
74	117.9	91.8	137.8
44	5.7	6.9	10.3#

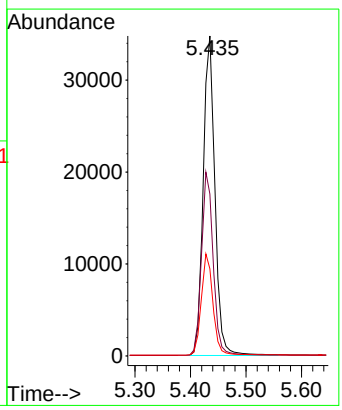


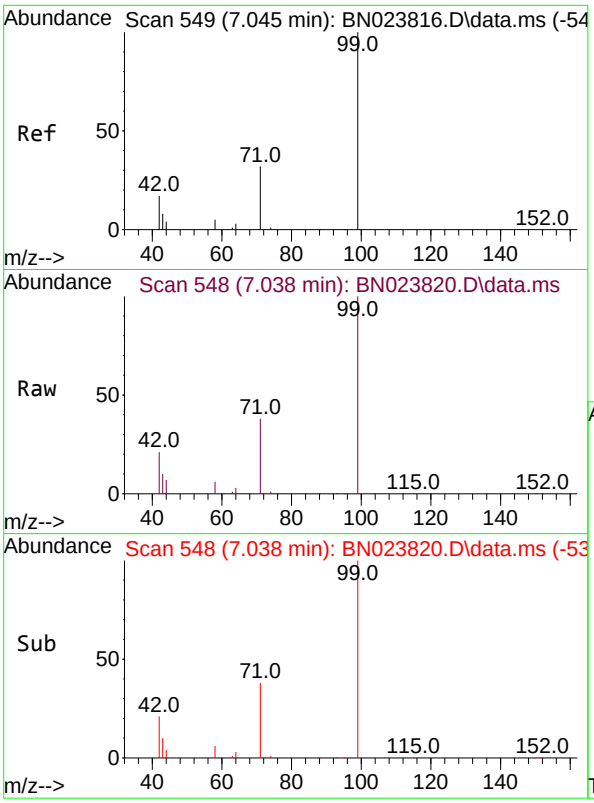


#4
2-Fluorophenol
Concen: 5.121 ng
RT: 5.435 min Scan# 326
Delta R.T. -0.000 min
Lab File: BN023820.D
Acq: 26 Jan 2023 15:51

Tgt Ion:112 Resp: 50989

Ion	Ratio	Lower	Upper
112	100		
64	57.7	45.7	68.5
63	31.7	24.6	37.0



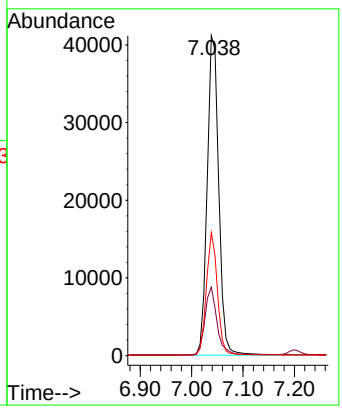


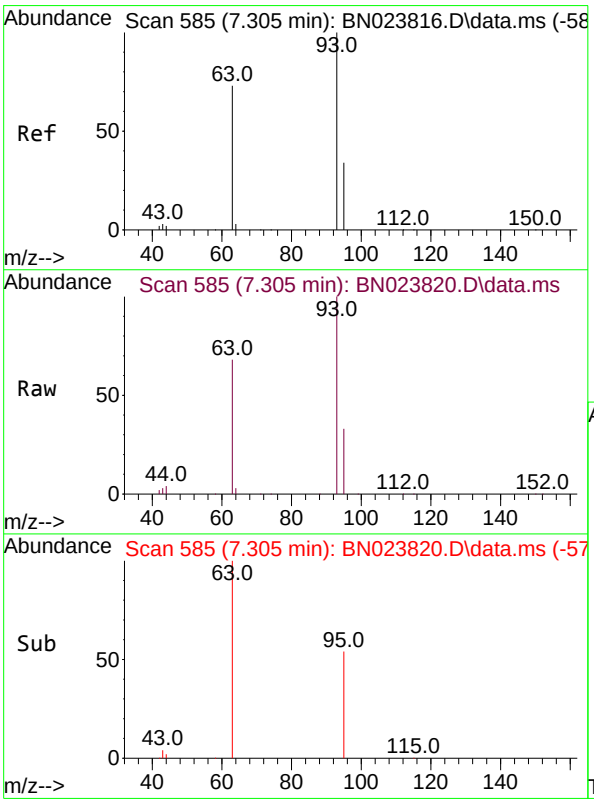
#5
Phenol-d6
Concen: 5.467 ng
RT: 7.038 min Scan# 54
Delta R.T. -0.007 min
Lab File: BN023820.D
Acq: 26 Jan 2023 15:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion: 99 Resp: 64401

Ion	Ratio	Lower	Upper
99	100		
42	21.7	17.9	26.9
71	36.6	27.7	41.5

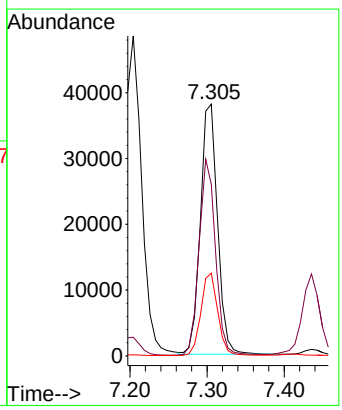


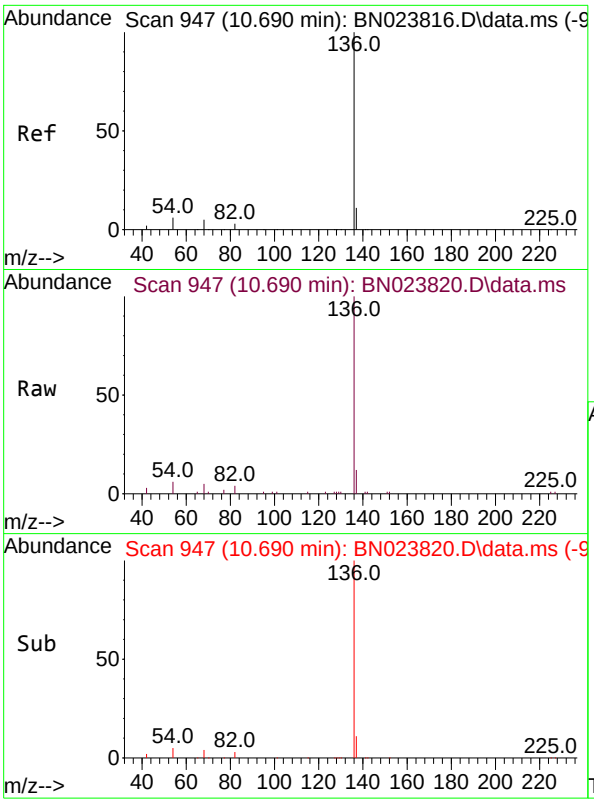


#6
bis(2-Chloroethyl)ether
Concen: 4.923 ng
RT: 7.305 min Scan# 585
Delta R.T. -0.000 min
Lab File: BN023820.D
Acq: 26 Jan 2023 15:51

Tgt Ion: 93 Resp: 58714

Ion	Ratio	Lower	Upper
93	100		
63	75.2	60.2	90.4
95	32.4	25.9	38.9



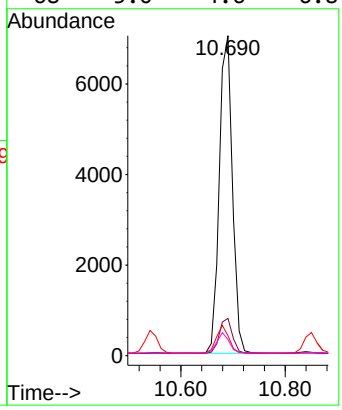


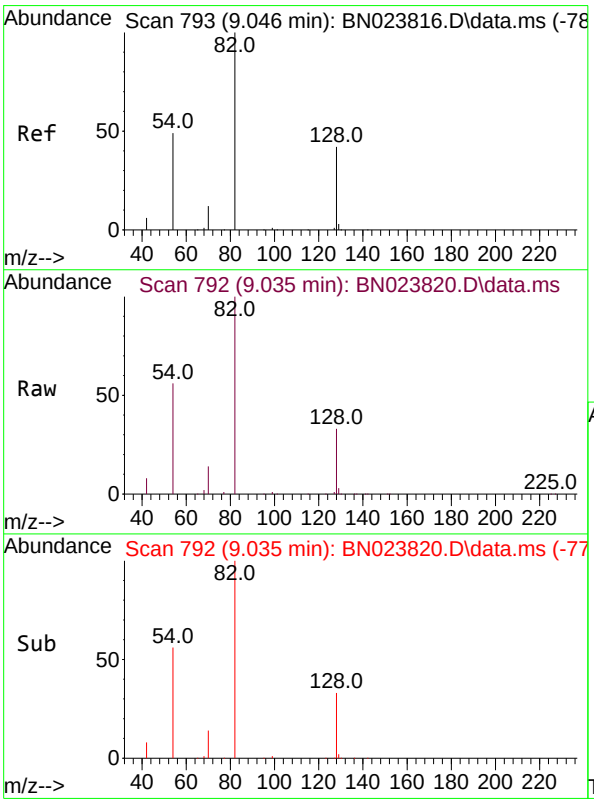
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.690 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN023820.D
Acq: 26 Jan 2023 15:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:136 Resp: 12193

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	6.2	5.4	8.2
68	5.0	4.6	6.8

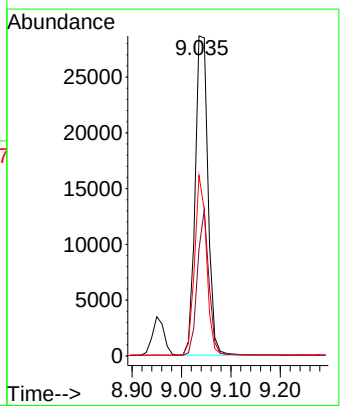


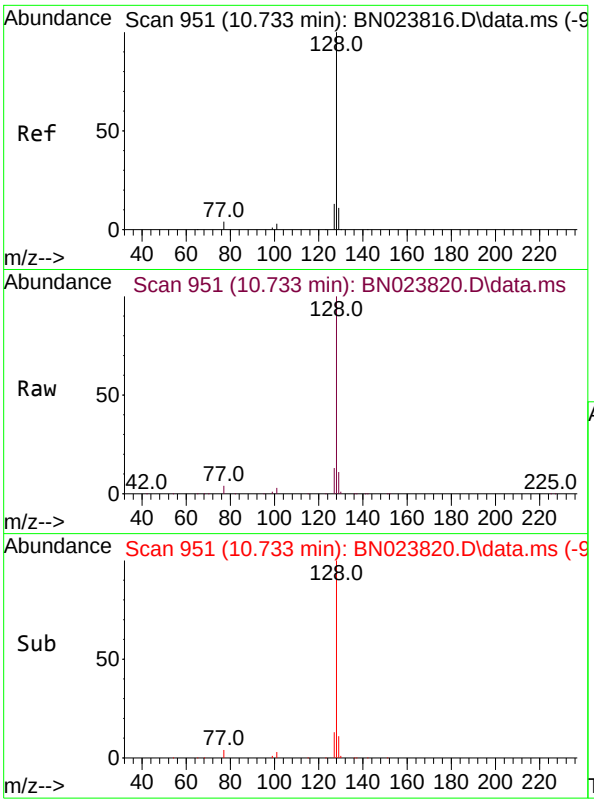


#8
Nitrobenzene-d5
Concen: 5.582 ng
RT: 9.035 min Scan# 792
Delta R.T. -0.011 min
Lab File: BN023820.D
Acq: 26 Jan 2023 15:51

Tgt Ion: 82 Resp: 51745

Ion	Ratio	Lower	Upper
82	100		
128	33.4	35.6	53.4#
54	56.4	40.2	60.4



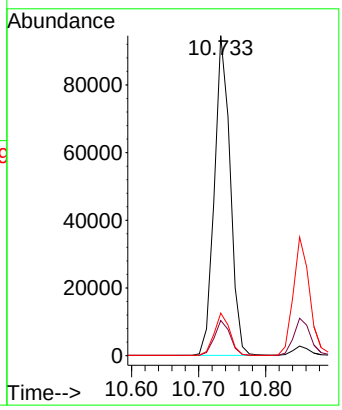


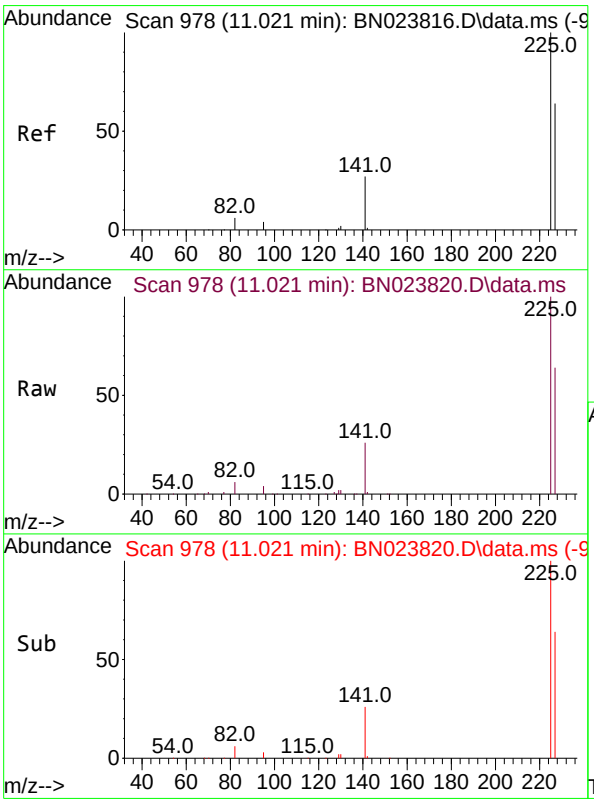
#9
Naphthalene
Concen: 5.074 ng
RT: 10.733 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN023820.D
Acq: 26 Jan 2023 15:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:128 Resp: 154981

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.2	13.8
127	13.3	11.0	16.6

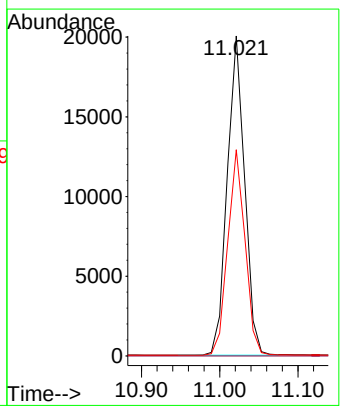


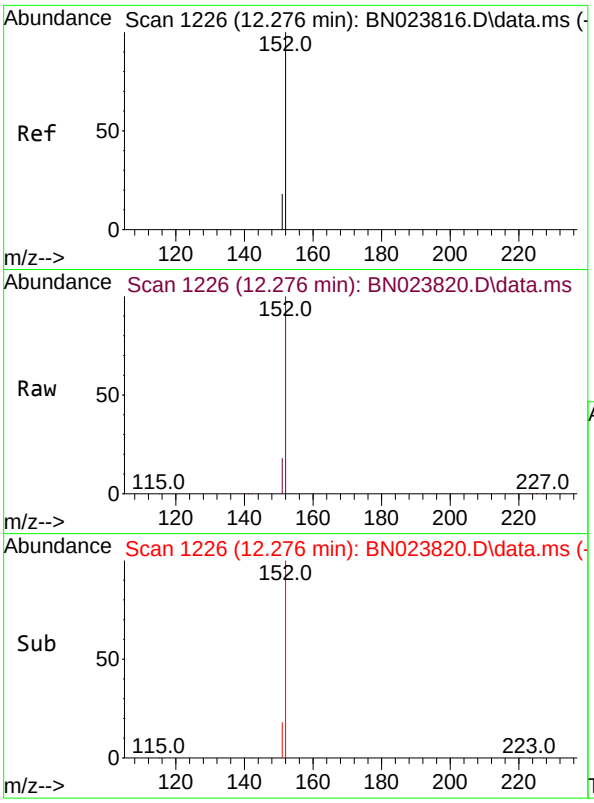


#10
Hexachlorobutadiene
Concen: 5.048 ng
RT: 11.021 min Scan# 978
Delta R.T. -0.000 min
Lab File: BN023820.D
Acq: 26 Jan 2023 15:51

Tgt Ion:225 Resp: 30960

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.0	50.8	76.2



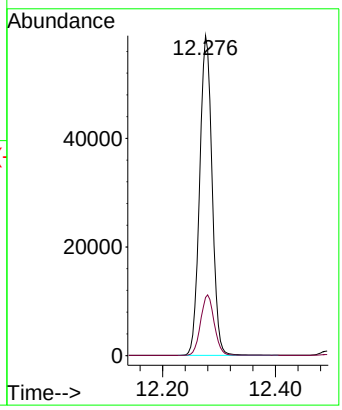


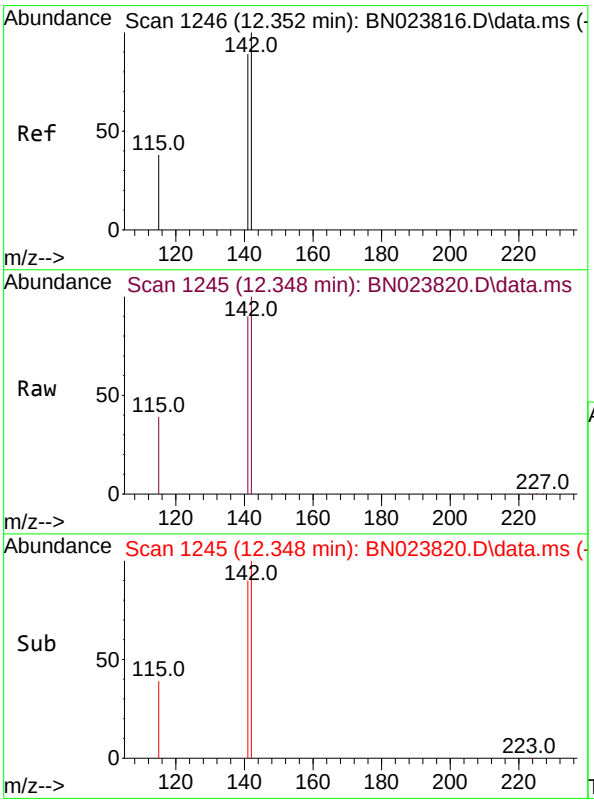
#11
2-Methylnaphthalene-d10
Concen: 5.579 ng
RT: 12.276 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN023820.D
Acq: 26 Jan 2023 15:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:152 Resp: 89875

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.8	25.2

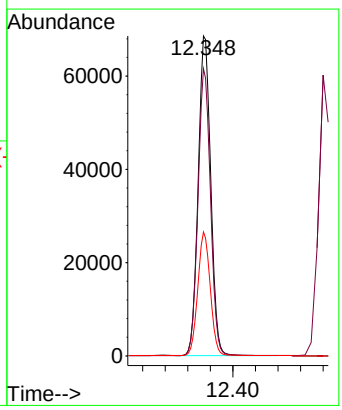


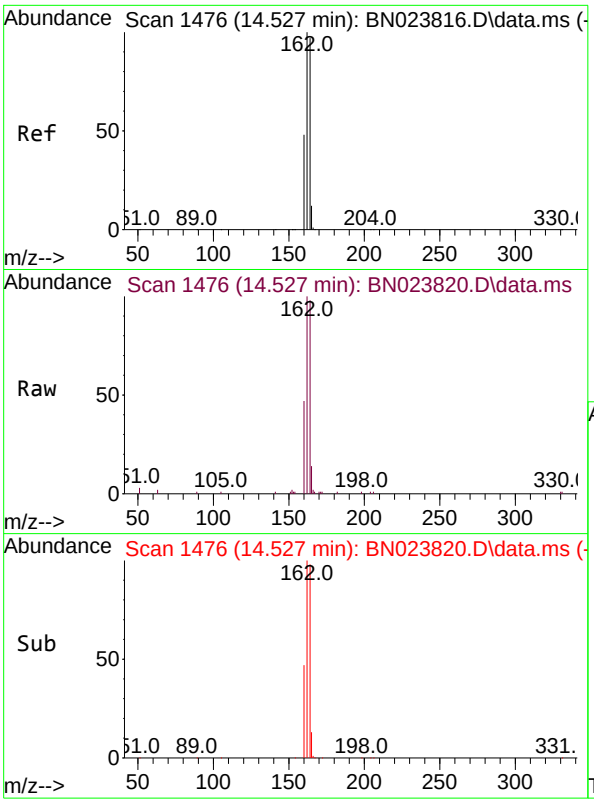


#12
2-Methylnaphthalene
Concen: 5.404 ng
RT: 12.348 min Scan# 1245
Delta R.T. -0.004 min
Lab File: BN023820.D
Acq: 26 Jan 2023 15:51

Tgt Ion:142 Resp: 105660

Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.0	106.6
115	38.7	31.0	46.4



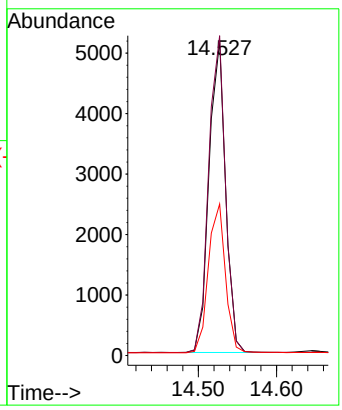


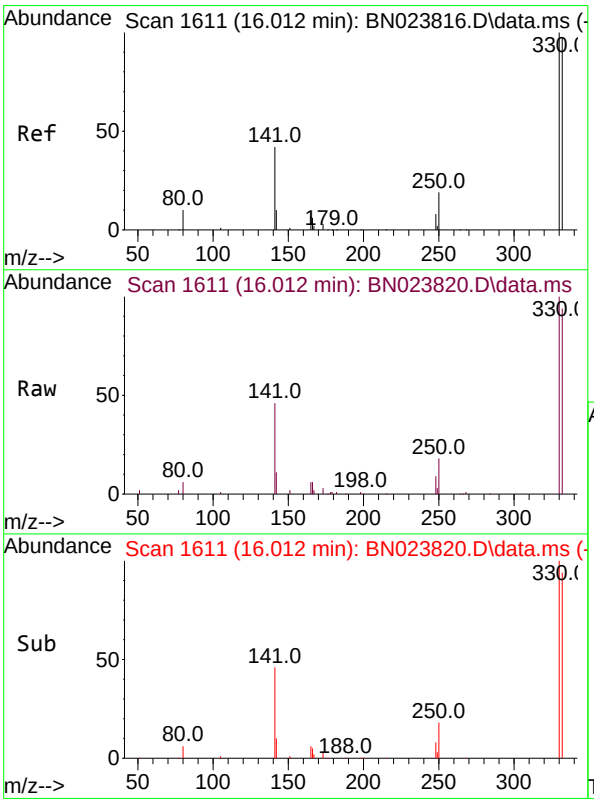
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.527 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN023820.D
Acq: 26 Jan 2023 15:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:164 Resp: 7567

Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.5	123.7
160	48.2	39.9	59.9

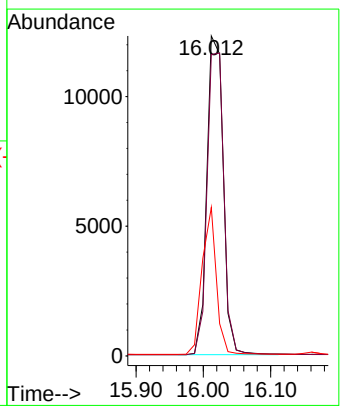


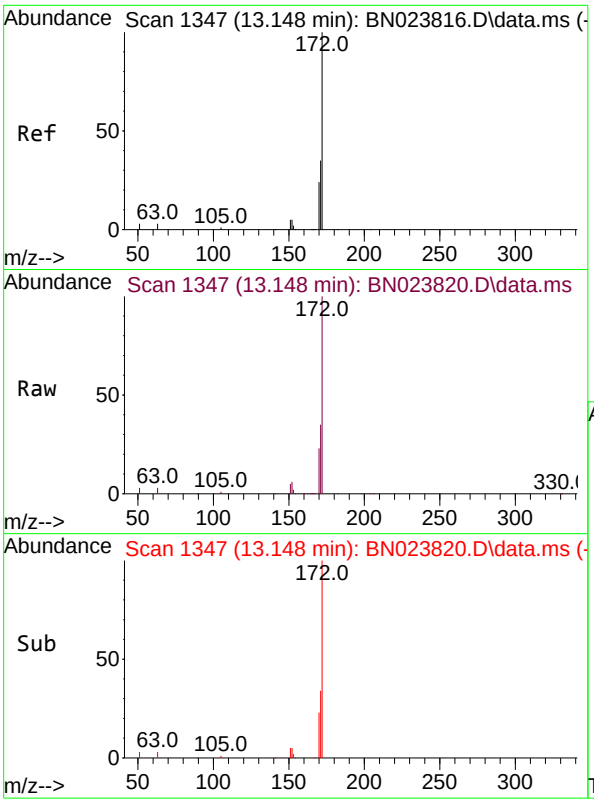


#14
2,4,6-Tribromophenol
Concen: 6.266 ng
RT: 16.012 min Scan# 1611
Delta R.T. -0.000 min
Lab File: BN023820.D
Acq: 26 Jan 2023 15:51

Tgt Ion:330 Resp: 20769

Ion	Ratio	Lower	Upper
330	100		
332	96.9	78.8	118.2
141	40.0	33.2	49.8



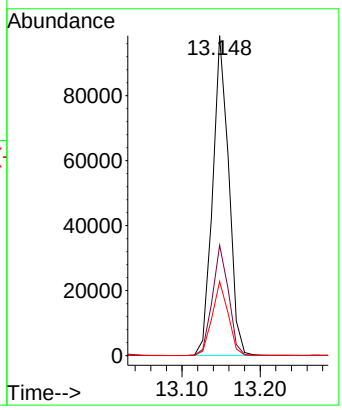


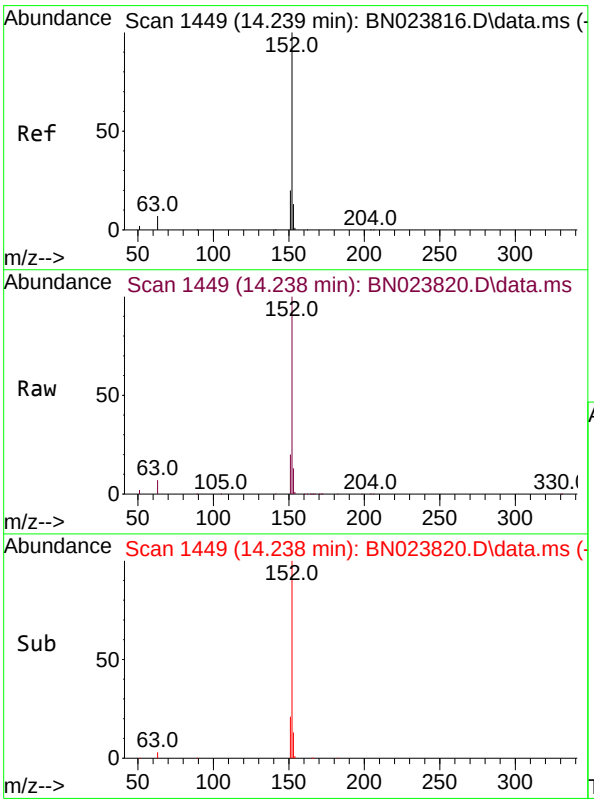
#15
2-Fluorobiphenyl
Concen: 4.668 ng
RT: 13.148 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN023820.D
Acq: 26 Jan 2023 15:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:172 Resp: 140690

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.4	42.6
170	23.2	19.4	29.2

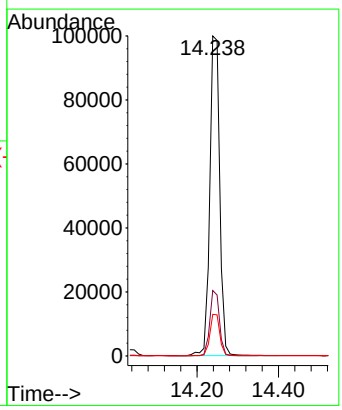


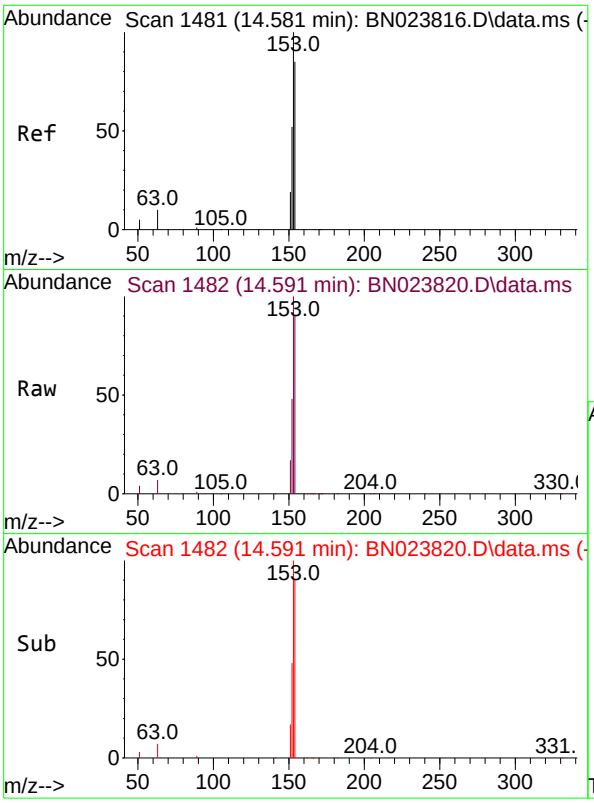


#16
Acenaphthylene
Concen: 5.617 ng
RT: 14.238 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BN023820.D
Acq: 26 Jan 2023 15:51

Tgt Ion:152 Resp: 168633

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.6
153	12.9	10.2	15.4



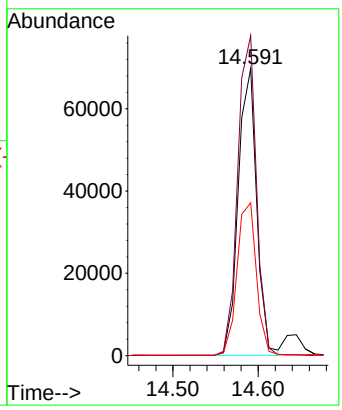


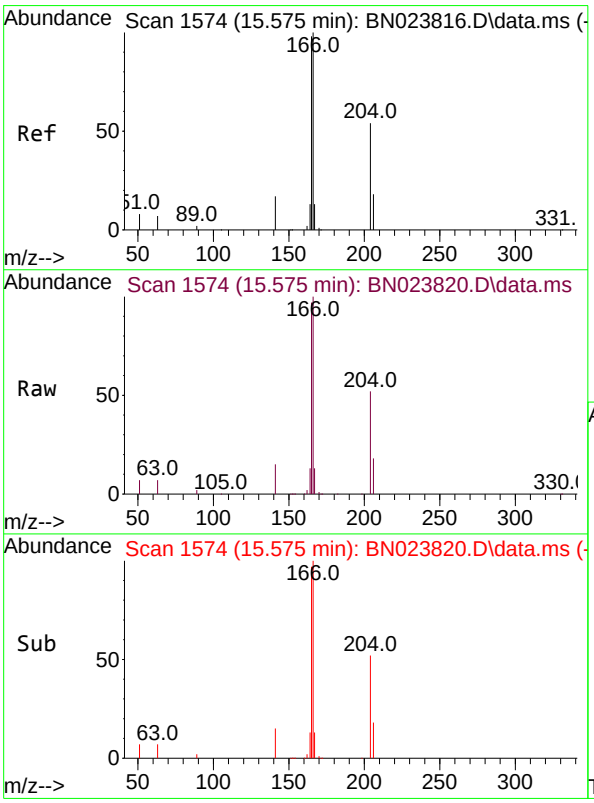
#17
Acenaphthene
Concen: 5.237 ng
RT: 14.591 min Scan# 14
Delta R.T. 0.011 min
Lab File: BN023820.D
Acq: 26 Jan 2023 15:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:154 Resp: 105512

Ion	Ratio	Lower	Upper
154	100		
153	113.1	92.6	139.0
152	56.1	48.3	72.5

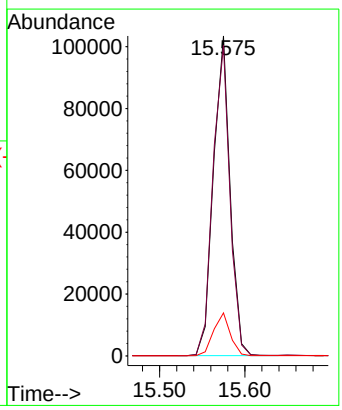


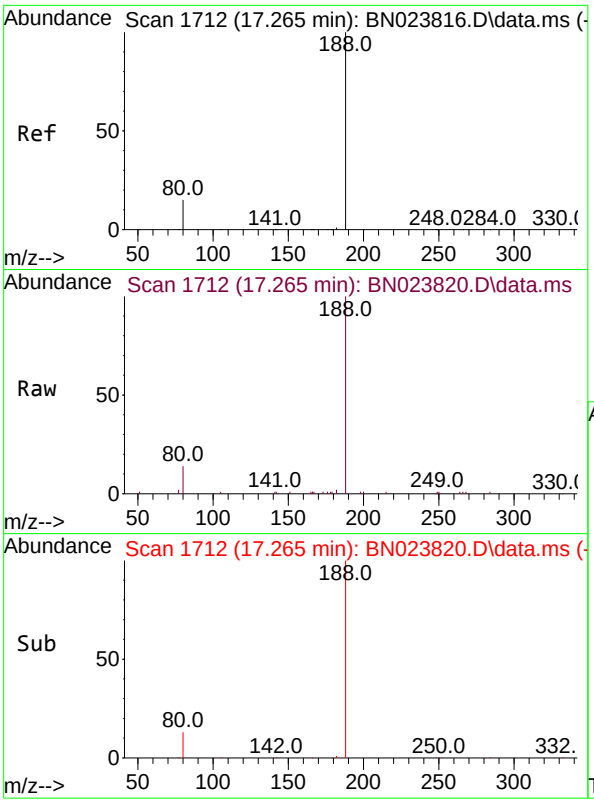


#18
Fluorene
Concen: 5.169 ng
RT: 15.575 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BN023820.D
Acq: 26 Jan 2023 15:51

Tgt Ion:166 Resp: 141368

Ion	Ratio	Lower	Upper
166	100		
165	98.6	80.4	120.6
167	13.4	10.7	16.1



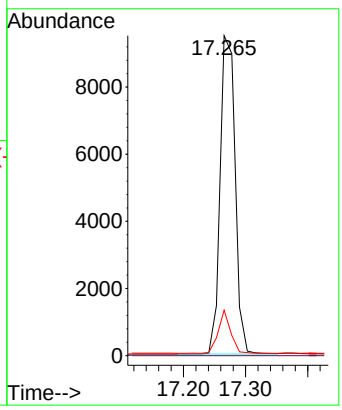


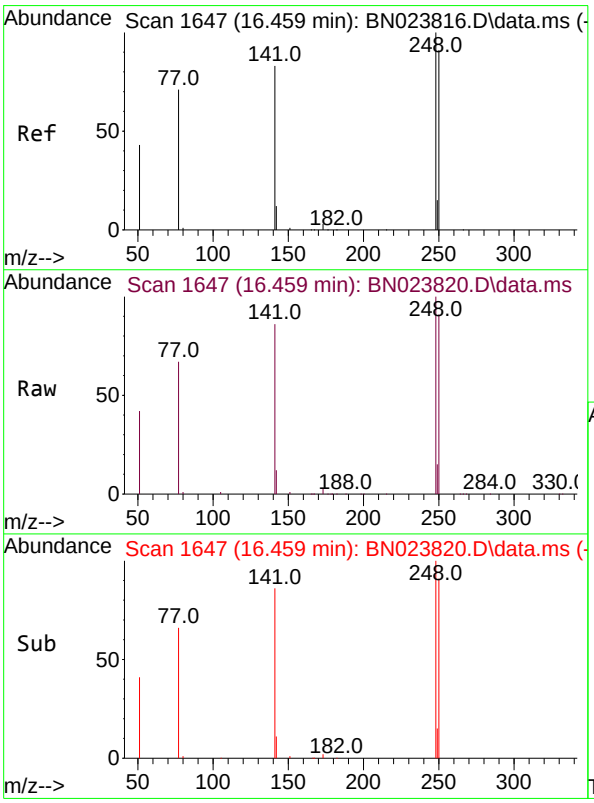
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.265 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN023820.D
Acq: 26 Jan 2023 15:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:188 Resp: 16012

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.2	12.6	18.8

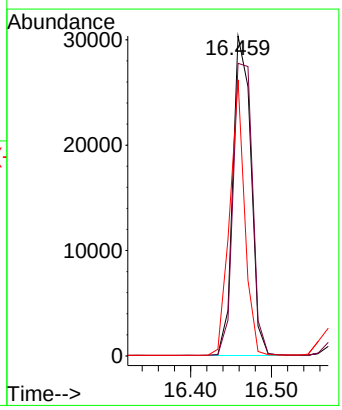


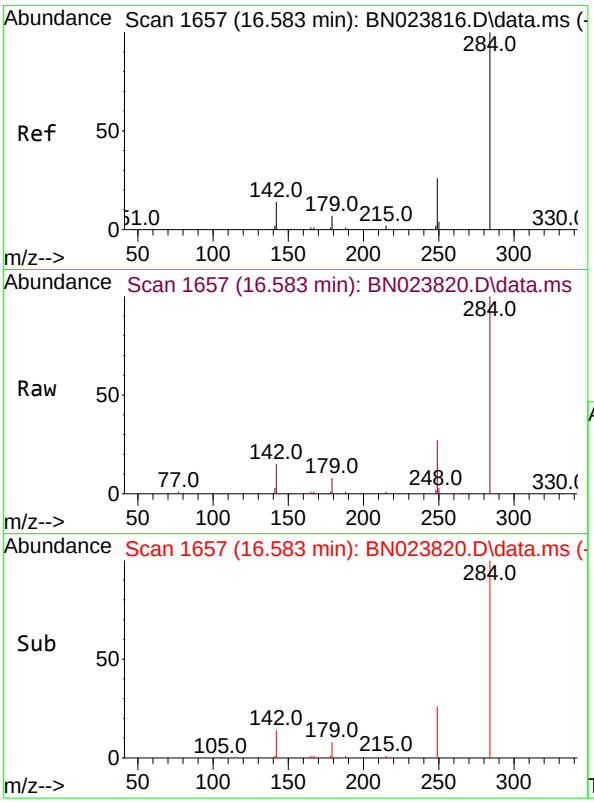


#21
4-Bromophenyl-phenylether
Concen: 5.283 ng
RT: 16.459 min Scan# 1647
Delta R.T. -0.000 min
Lab File: BN023820.D
Acq: 26 Jan 2023 15:51

Tgt Ion:248 Resp: 47035

Ion	Ratio	Lower	Upper
248	100		
250	91.4	72.9	109.3
141	86.3	67.4	101.2



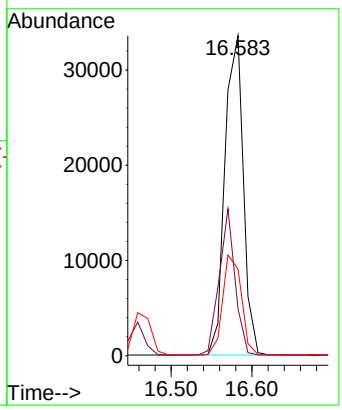


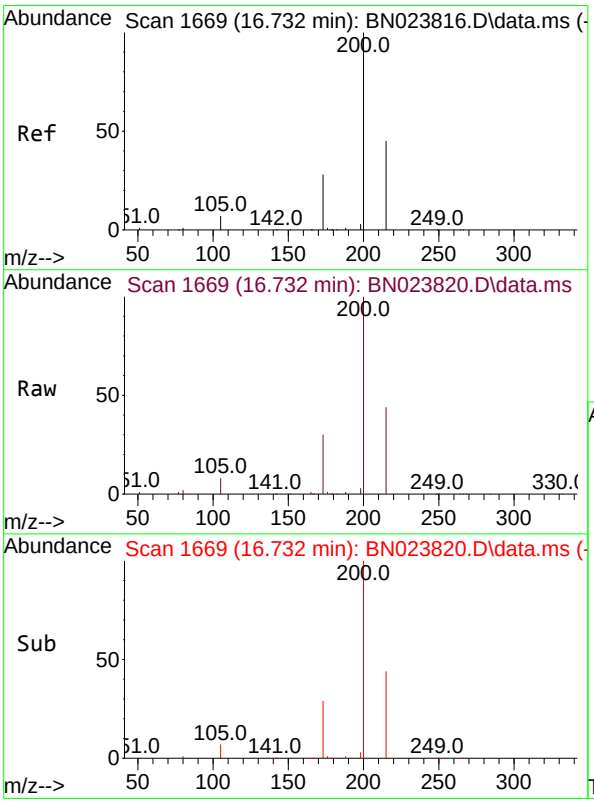
#22
Hexachlorobenzene
Concen: 4.970 ng
RT: 16.583 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN023820.D
Acq: 26 Jan 2023 15:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:284 Resp: 53103

Ion	Ratio	Lower	Upper
284	100		
142	39.4	31.4	47.2
249	31.6	24.3	36.5

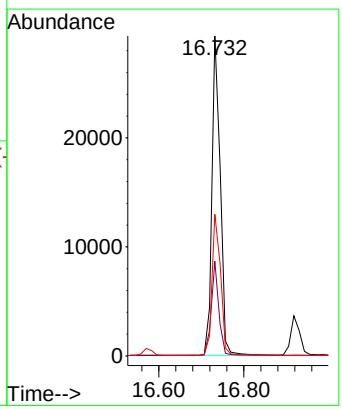


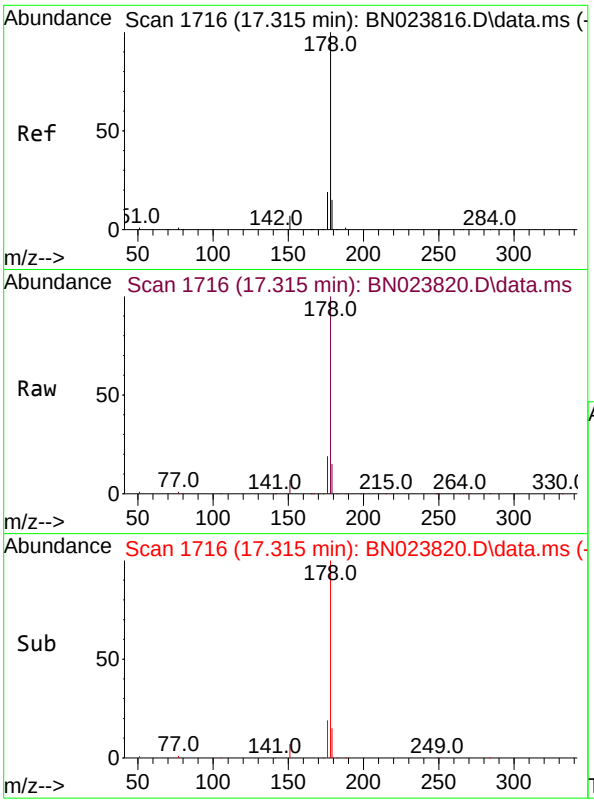


#23
Atrazine
Concen: 6.165 ng
RT: 16.732 min Scan# 1669
Delta R.T. -0.000 min
Lab File: BN023820.D
Acq: 26 Jan 2023 15:51

Tgt Ion:200 Resp: 39774

Ion	Ratio	Lower	Upper
200	100		
173	29.6	24.1	36.1
215	44.2	36.8	55.2



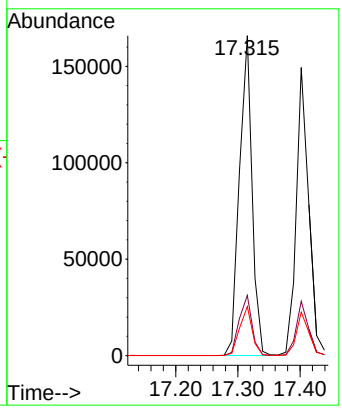


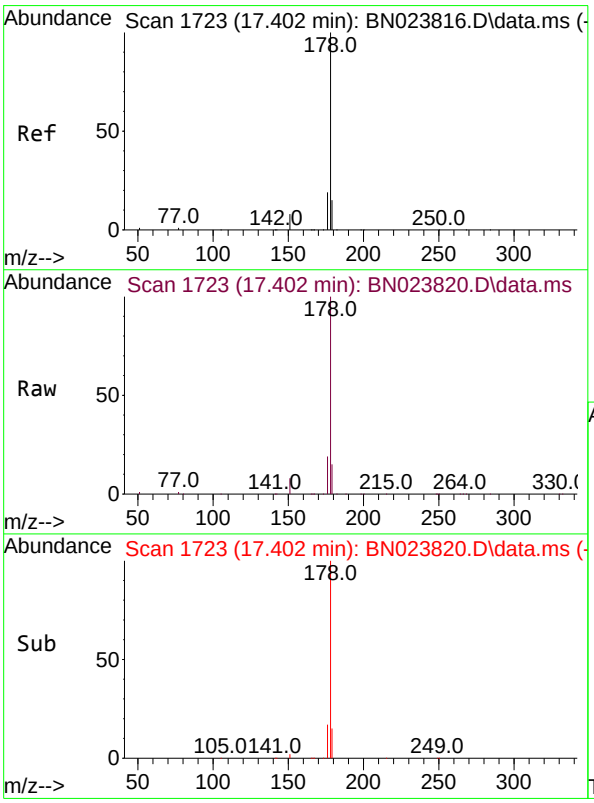
#25
Phenanthrene
Concen: 5.231 ng
RT: 17.315 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN023820.D
Acq: 26 Jan 2023 15:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:178 Resp: 232351

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.5	23.3
179	15.2	12.2	18.4

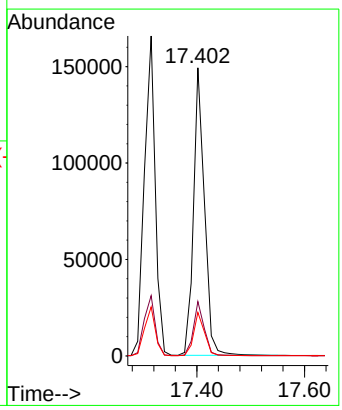


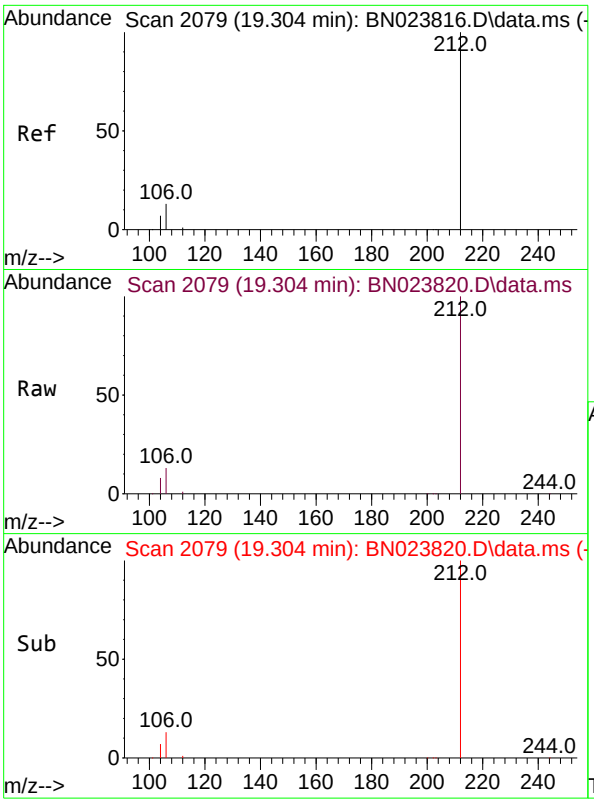


#26
Anthracene
Concen: 5.841 ng
RT: 17.402 min Scan# 1723
Delta R.T. -0.000 min
Lab File: BN023820.D
Acq: 26 Jan 2023 15:51

Tgt Ion:178 Resp: 210338

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.6
179	15.2	12.1	18.1



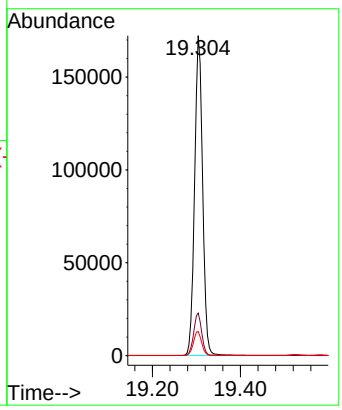


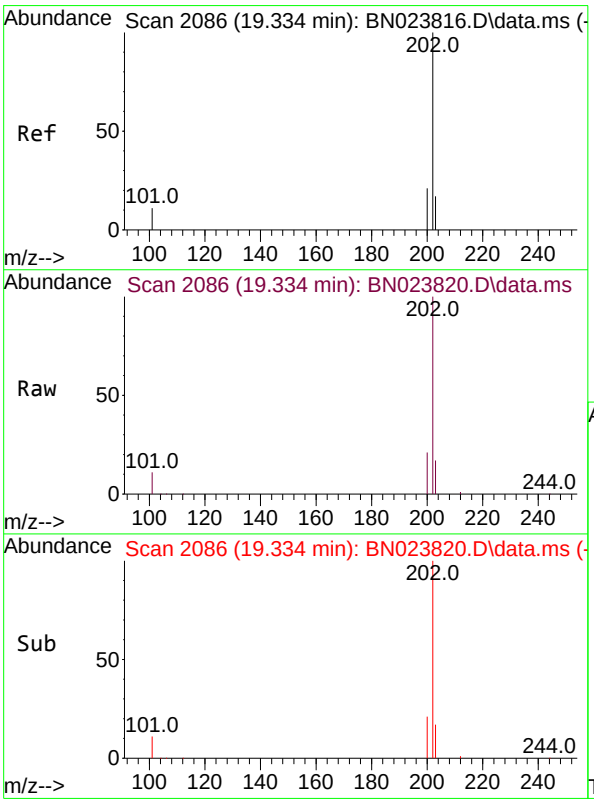
#27
Fluoranthene-d10
Concen: 5.810 ng
RT: 19.304 min Scan# 20
Delta R.T. -0.000 min
Lab File: BN023820.D
Acq: 26 Jan 2023 15:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:212 Resp: 217119

Ion	Ratio	Lower	Upper
212	100		
106	13.3	10.8	16.2
104	7.6	6.2	9.4

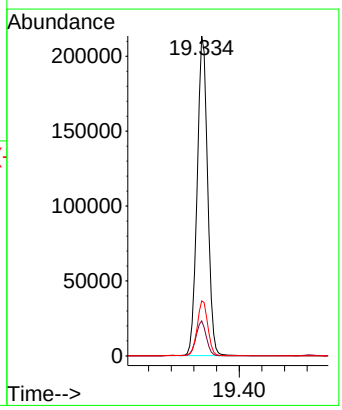


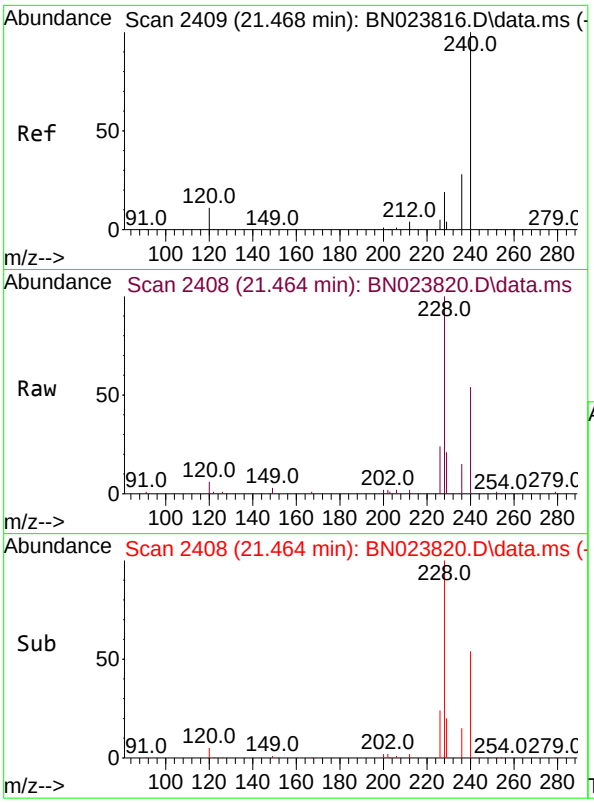


#28
Fluoranthene
Concen: 5.584 ng
RT: 19.334 min Scan# 2086
Delta R.T. -0.000 min
Lab File: BN023820.D
Acq: 26 Jan 2023 15:51

Tgt Ion:202 Resp: 272137

Ion	Ratio	Lower	Upper
202	100		
101	10.9	9.1	13.7
203	17.3	13.7	20.5



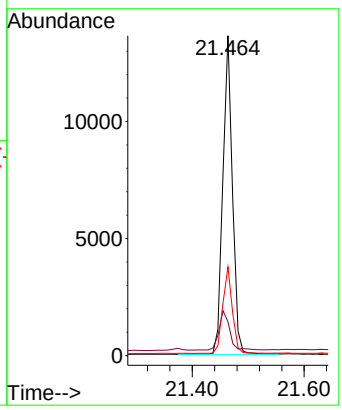


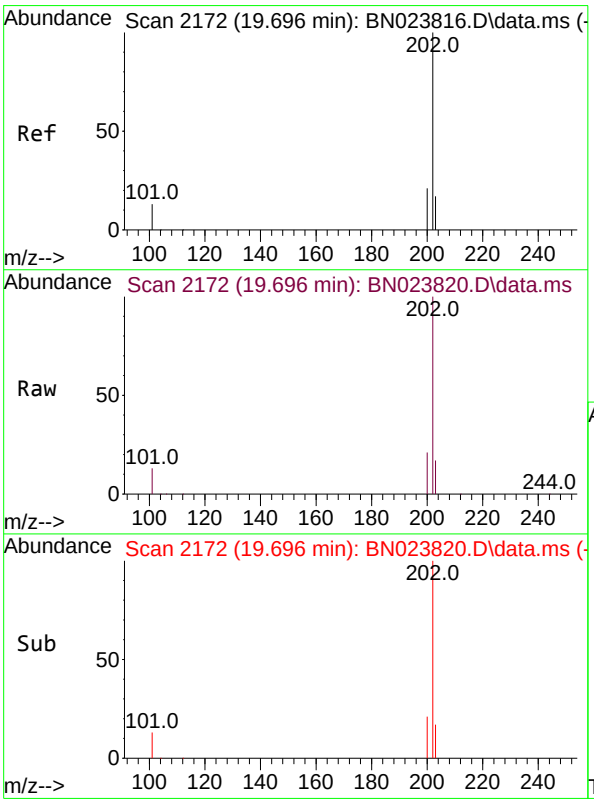
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.464 min Scan# 24
Delta R.T. -0.004 min
Lab File: BN023820.D
Acq: 26 Jan 2023 15:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:240 Resp: 16210

Ion	Ratio	Lower	Upper
240	100		
120	10.6	10.6	15.8
236	27.7	22.5	33.7

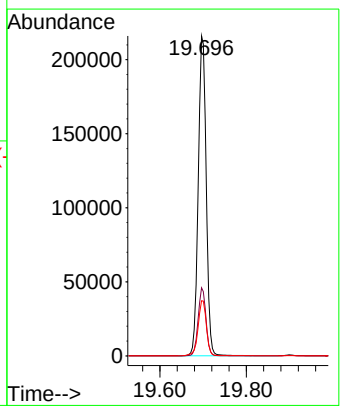


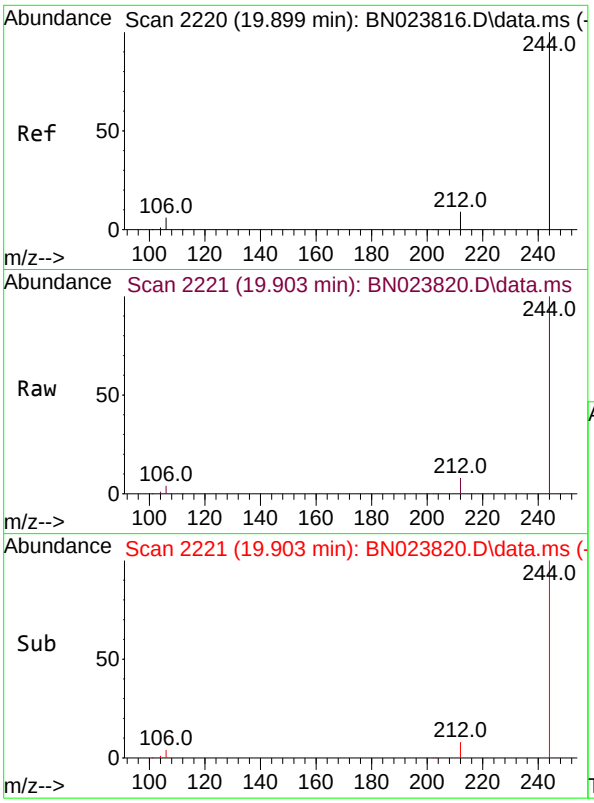


#30
Pyrene
Concen: 5.003 ng
RT: 19.696 min Scan# 2172
Delta R.T. -0.000 min
Lab File: BN023820.D
Acq: 26 Jan 2023 15:51

Tgt Ion:202 Resp: 275439

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.8	25.2
203	17.9	14.1	21.1



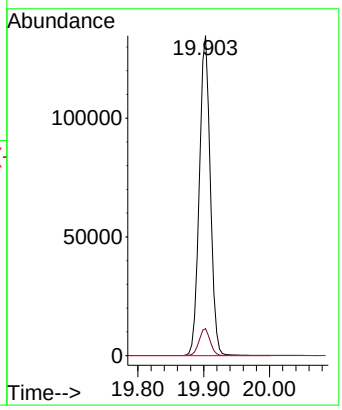


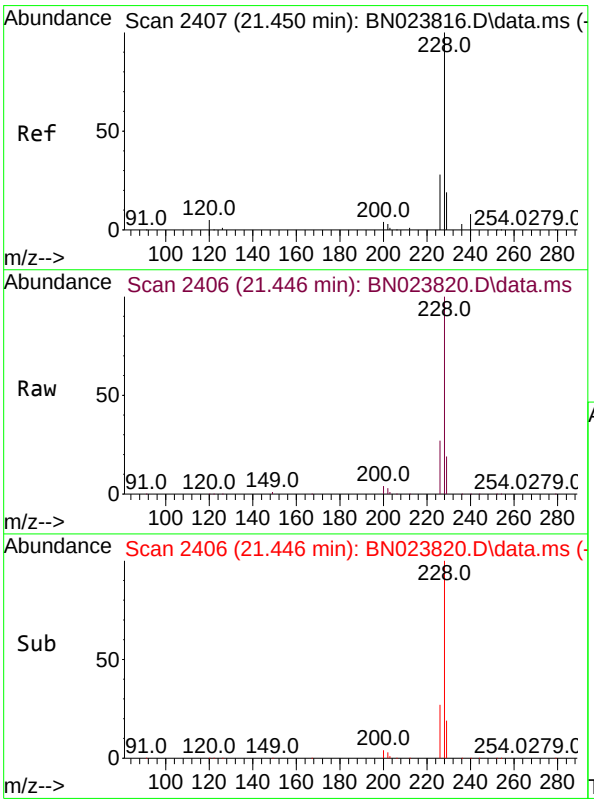
#31
Terphenyl-d14
Concen: 5.207 ng
RT: 19.903 min Scan# 2
Delta R.T. 0.004 min
Lab File: BN023820.D
Acq: 26 Jan 2023 15:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:244 Resp: 160150

Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.4	11.0
122	0.0	0.0	0.0

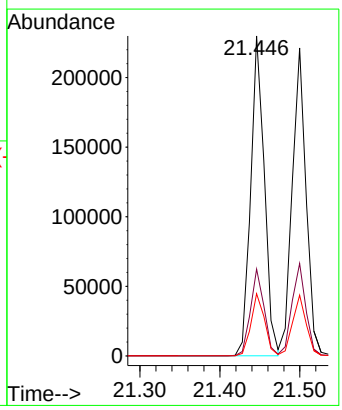


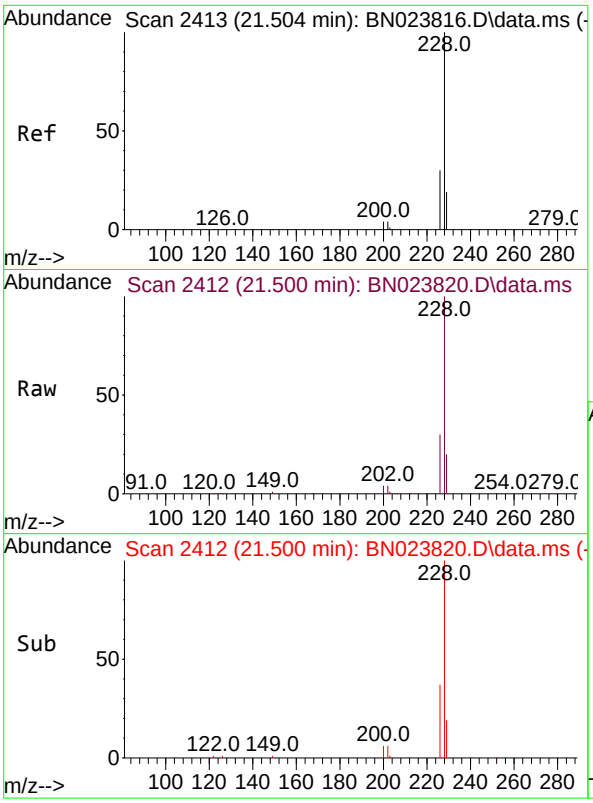


#32
Benzo(a)anthracene
Concen: 5.513 ng
RT: 21.446 min Scan# 2406
Delta R.T. -0.004 min
Lab File: BN023820.D
Acq: 26 Jan 2023 15:51

Tgt Ion:228 Resp: 271914

Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.6	34.0
229	19.4	15.8	23.6



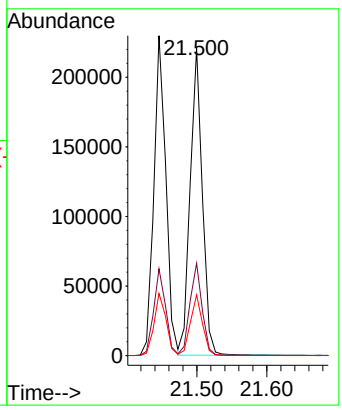


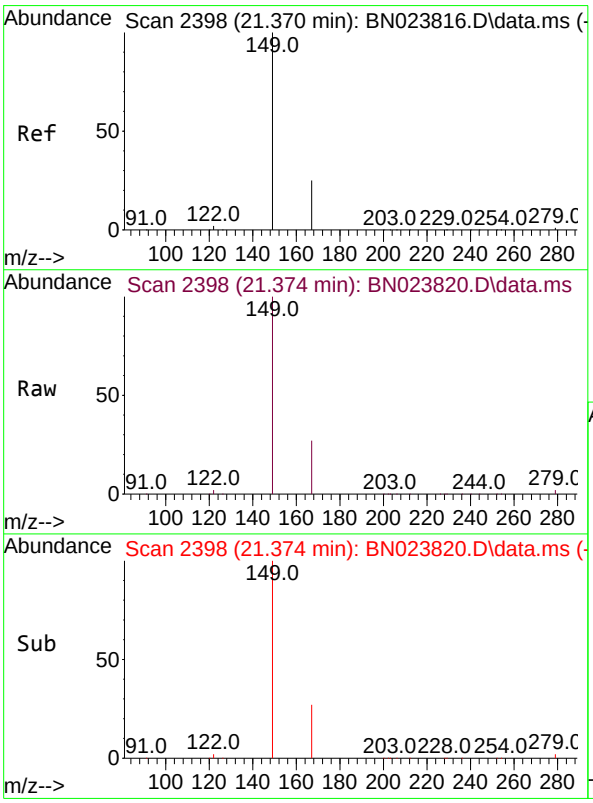
#33
Chrysene
Concen: 4.900 ng
RT: 21.500 min Scan# 24
Delta R.T. -0.004 min
Lab File: BN023820.D
Acq: 26 Jan 2023 15:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:228 Resp: 266913

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.2	36.4
229	19.7	15.4	23.2

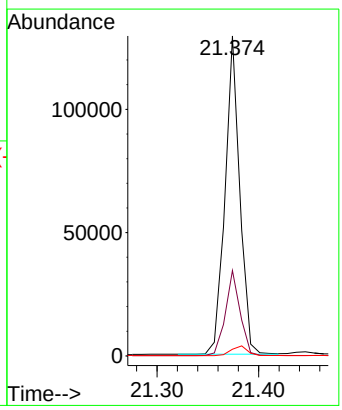


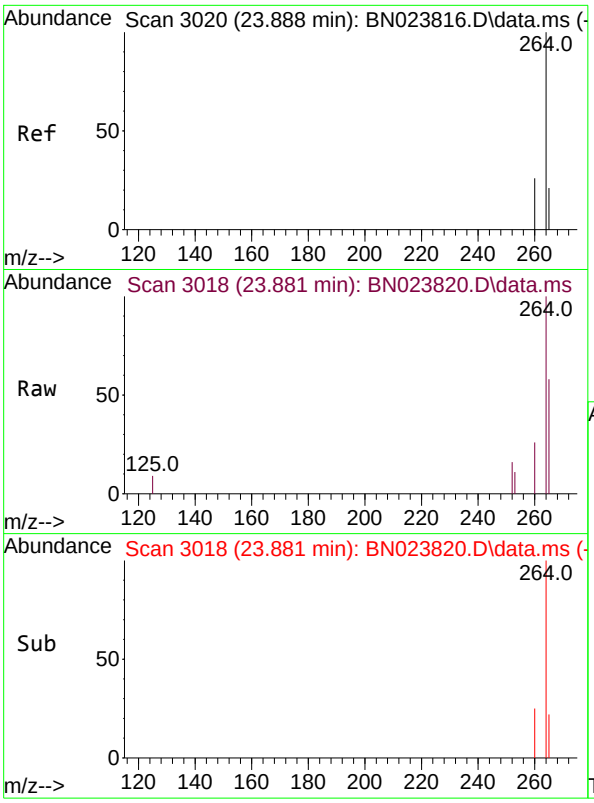


#34
Bis(2-ethylhexyl)phthalate
Concen: 5.798 ng
RT: 21.374 min Scan# 2398
Delta R.T. 0.005 min
Lab File: BN023820.D
Acq: 26 Jan 2023 15:51

Tgt Ion:149 Resp: 129624

Ion	Ratio	Lower	Upper
149	100		
167	26.6	20.4	30.6
279	3.3	2.2	3.4



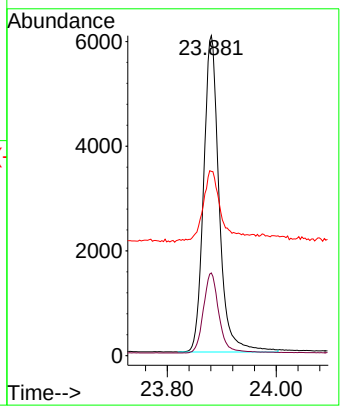


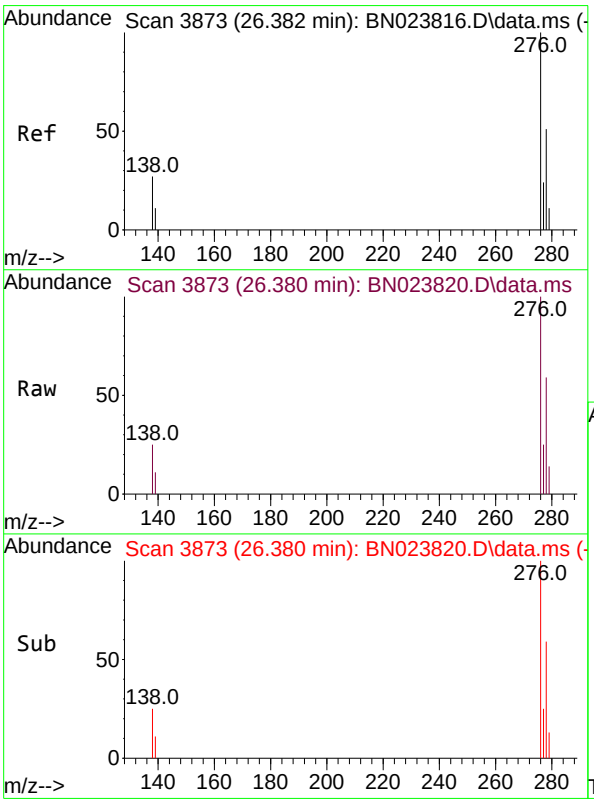
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.881 min Scan# 3
Delta R.T. -0.007 min
Lab File: BN023820.D
Acq: 26 Jan 2023 15:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:264 Resp: 12035

Ion	Ratio	Lower	Upper
264	100		
260	25.8	21.5	32.3
265	57.6	44.5	66.7

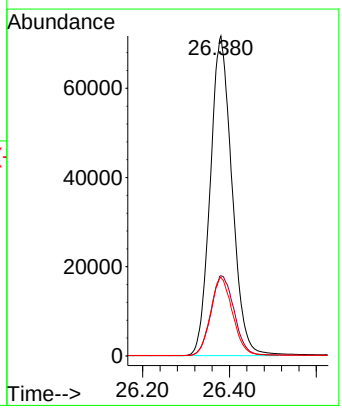


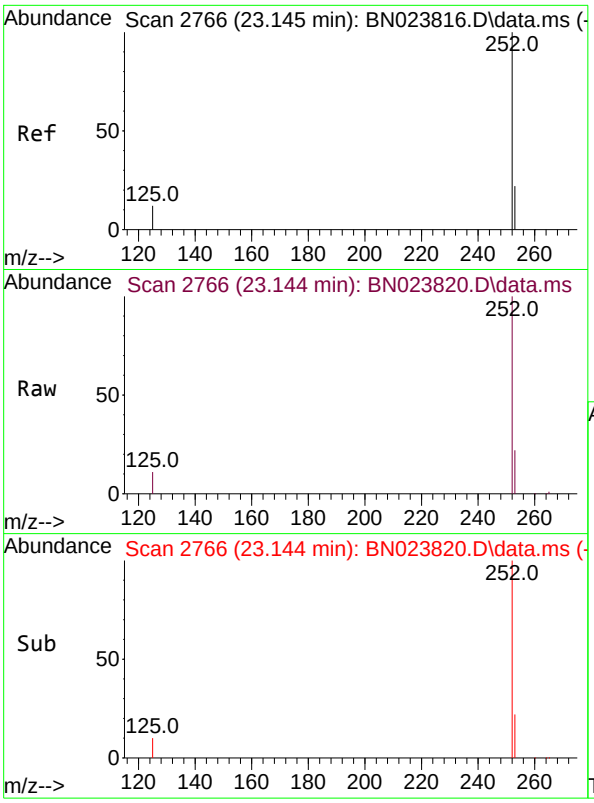


#36
Indeno(1,2,3-cd)pyrene
Concen: 4.981 ng
RT: 26.380 min Scan# 3873
Delta R.T. -0.001 min
Lab File: BN023820.D
Acq: 26 Jan 2023 15:51

Tgt Ion:276 Resp: 249110

Ion	Ratio	Lower	Upper
276	100		
138	26.6	23.2	34.8
277	24.9	19.8	29.8



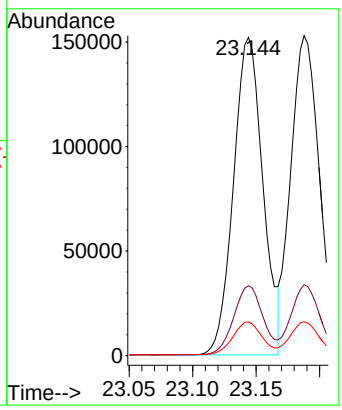


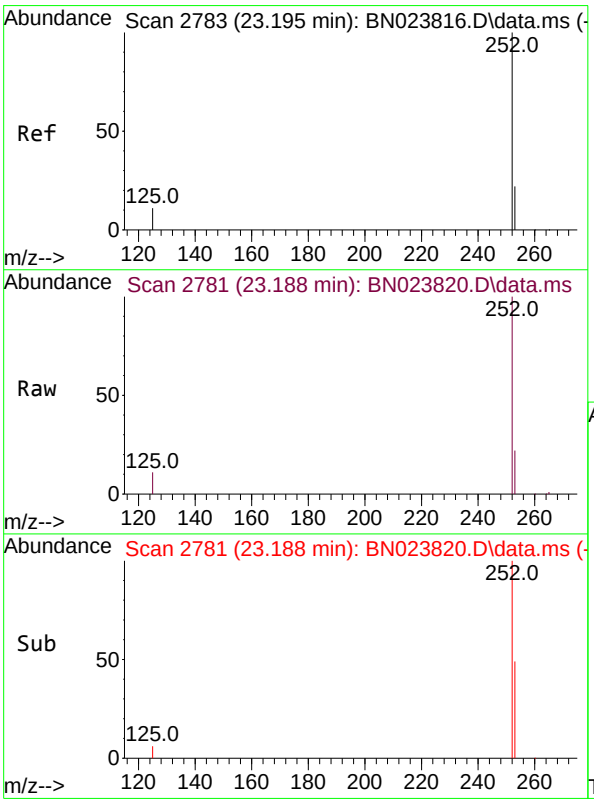
#37
Benzo(b)fluoranthene
Concen: 5.396 ng
RT: 23.144 min Scan# 2
Delta R.T. -0.001 min
Lab File: BN023820.D
Acq: 26 Jan 2023 15:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:252 Resp: 244781

Ion	Ratio	Lower	Upper
252	100		
253	21.9	20.2	30.4
125	10.6	12.7	19.1#

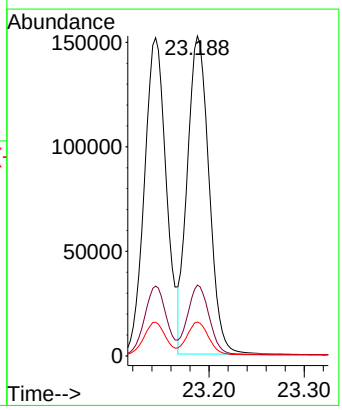


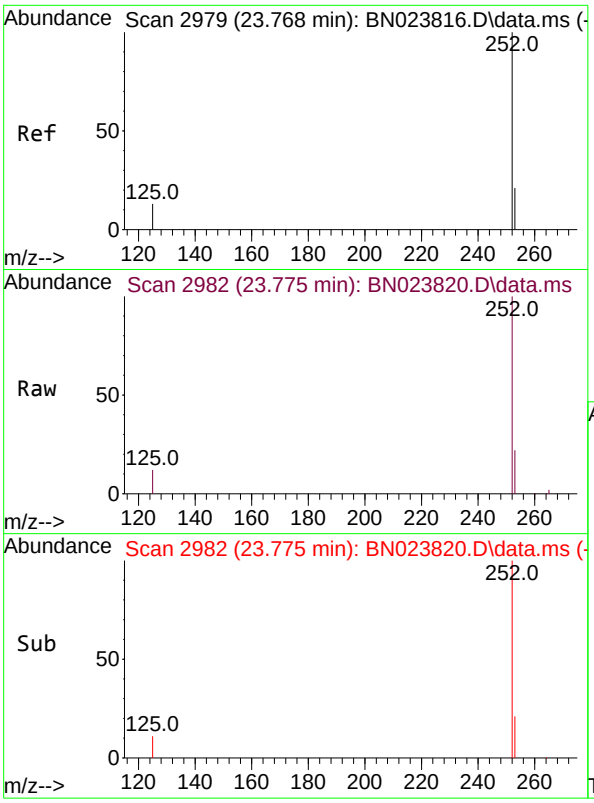


#38
Benzo(k)fluoranthene
Concen: 5.371 ng
RT: 23.188 min Scan# 2781
Delta R.T. -0.007 min
Lab File: BN023820.D
Acq: 26 Jan 2023 15:51

Tgt Ion:252 Resp: 240660

Ion	Ratio	Lower	Upper
252	100		
253	22.1	20.5	30.7
125	10.6	12.6	18.8#



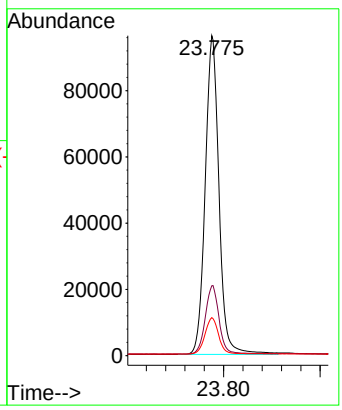


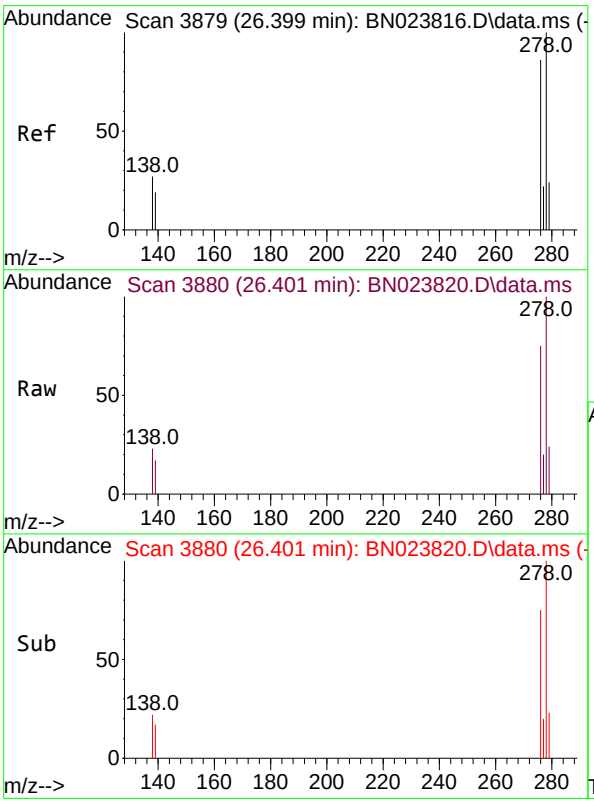
#39
Benzo(a)pyrene
Concen: 5.594 ng
RT: 23.775 min Scan# 29
Delta R.T. 0.007 min
Lab File: BN023820.D
Acq: 26 Jan 2023 15:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:252 Resp: 190365

Ion	Ratio	Lower	Upper
252	100		
253	21.8	22.0	33.0#
125	11.9	16.2	24.4#

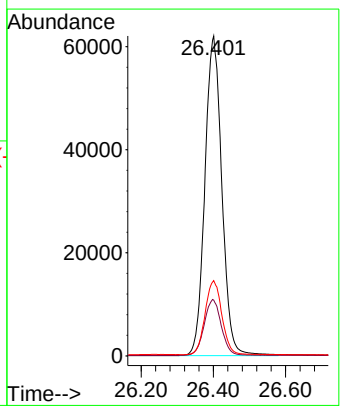


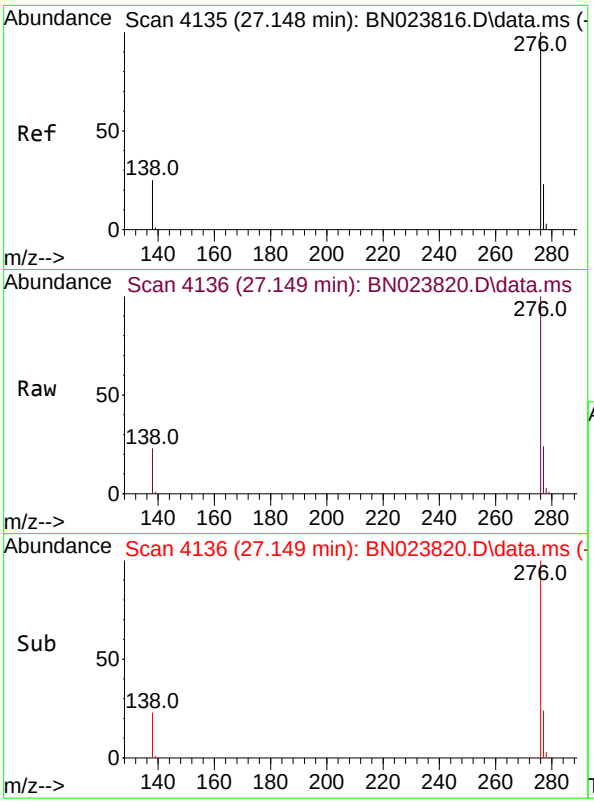


#40
Dibenzo(a,h)anthracene
Concen: 4.998 ng
RT: 26.401 min Scan# 3880
Delta R.T. 0.002 min
Lab File: BN023820.D
Acq: 26 Jan 2023 15:51

Tgt Ion:278 Resp: 202265

Ion	Ratio	Lower	Upper
278	100		
139	17.4	16.5	24.7
279	23.5	21.7	32.5





#41
Benzo(g,h,i)perylene
Concen: 4.760 ng
RT: 27.149 min Scan# 41
Delta R.T. 0.002 min
Lab File: BN023820.D
Acq: 26 Jan 2023 15:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:276 Resp: 204558

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.7	29.5
138	23.0	21.3	31.9