Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110322\
Data File : BN022481.D
Acq On : 03 Nov 2022 16:38
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Nov 04 03:12:03 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 04 03:06:33 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.920	152	2444	0.400	ng		0.00
7) Naphthalene-d8	10.752	136	9072	0.400	ng		0.00
13) Acenaphthene-d10	14.600	164	5584	0.400	ng		0.00
19) Phenanthrene-d10	17.350	188	11348	0.400	ng		0.00
29) Chrysene-d12	21.564	240	10074	0.400	ng		0.00
35) Perylene-d12	24.014	264	9621	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.450	112	34882	5.356	ng		0.00
5) Phenol-d6	7.083	99	45915	5.627	ng		0.00
8) Nitrobenzene-d5	9.097	82	45686	5.823	ng		-0.01
11) 2-Methylnaphthalene-d10	12.345	152	76114	5.348	ng		0.00
14) 2,4,6-Tribromophenol	16.096	330	16367	6.820	ng		0.00
15) 2-Fluorobiphenyl	13.221	172	116886	4.894	ng		0.00
27) Fluoranthene-d10	19.394	212	168395	5.372	ng		0.00
31) Terphenyl-d14	19.993	244	153077	5.833	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.262	88	18239	5.330	ng		100
3) n-Nitrosodimethylamine	3.602	42	20619	5.661	ng	#	98
6) bis(2-Chloroethyl)ether	7.343	93	41775	5.331	ng		99
9) Naphthalene	10.795	128	137868	5.083	ng		97
10) Hexachlorobutadiene	11.083	225	22752	4.946	ng	#	100
12) 2-Methylnaphthalene	12.054	142	36874	6.834	ng	#	79
16) Acenaphthylene	14.311	152	155940	5.764	ng		100
17) Acenaphthene	14.664	154	93470	5.068	ng		99
18) Fluorene	15.647	166	128583	5.004	ng		95
21) 4-Bromophenyl-phenylether	16.543	248	37096	5.417	ng	#	89
22) Hexachlorobenzene	16.655	284	41376	5.275	ng		100
23) Atrazine	16.816	200	34296	5.994	ng	#	95
25) Phenanthrene	17.400	178	196400	5.047	ng		100
26) Anthracene	17.486	178	183097	5.587	ng		100
28) Fluoranthene	19.424	202	218851	5.188	ng		99
30) Pyrene	19.791	202	223695	4.825	ng		100
32) Benzo(a)anthracene	21.546	228	210213	5.300	ng		99
33) Chrysene	21.600	228	203949	4.920	ng		100
34) Bis(2-ethylhexyl)phtha...	21.457	149	165315	5.439	ng	#	100
36) Indeno(1,2,3-cd)pyrene	26.581	276	235857	4.963	ng		100
37) Benzo(b)fluoranthene	23.260	252	200126	4.544	ng	#	88
38) Benzo(k)fluoranthene	23.306	252	201286	4.595	ng	#	90
39) Benzo(a)pyrene	23.903	252	169653	4.734	ng	#	86
40) Dibenzo(a,h)anthracene	26.604	278	187081	5.042	ng		93
41) Benzo(g,h,i)perylene	27.379	276	196782	5.025	ng		95

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110322\
Data File : BN022481.D
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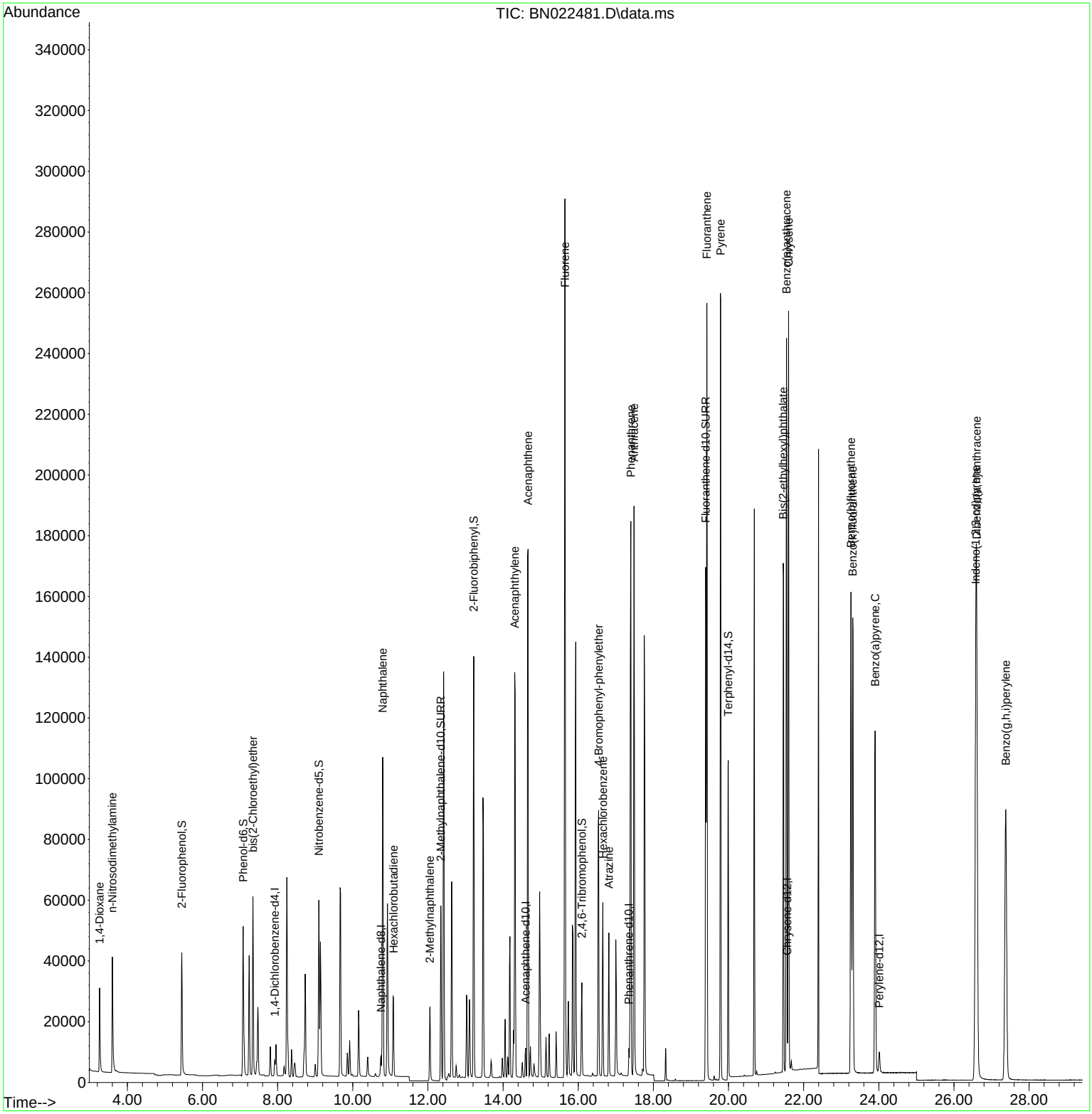
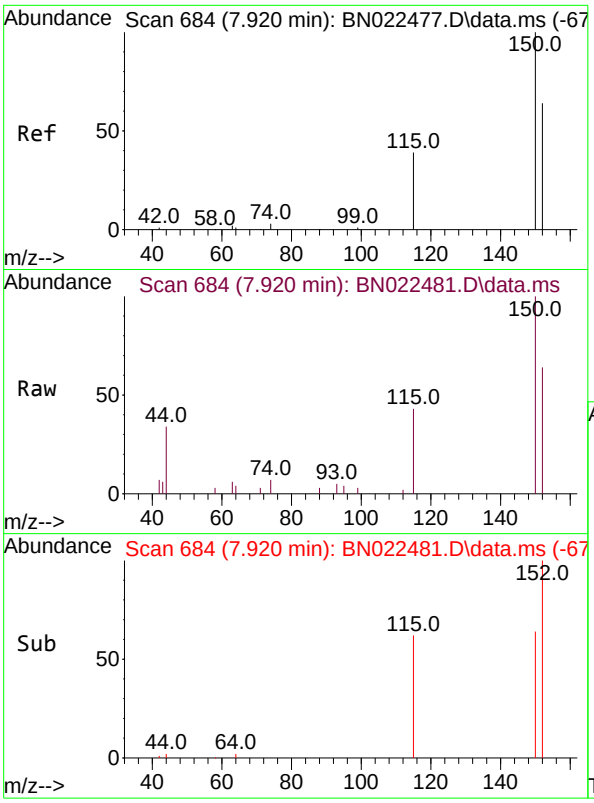
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Nov 04 03:12:03 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 04 03:06:33 2022
Response via : Initial Calibration



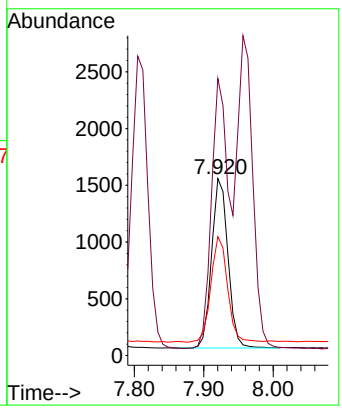


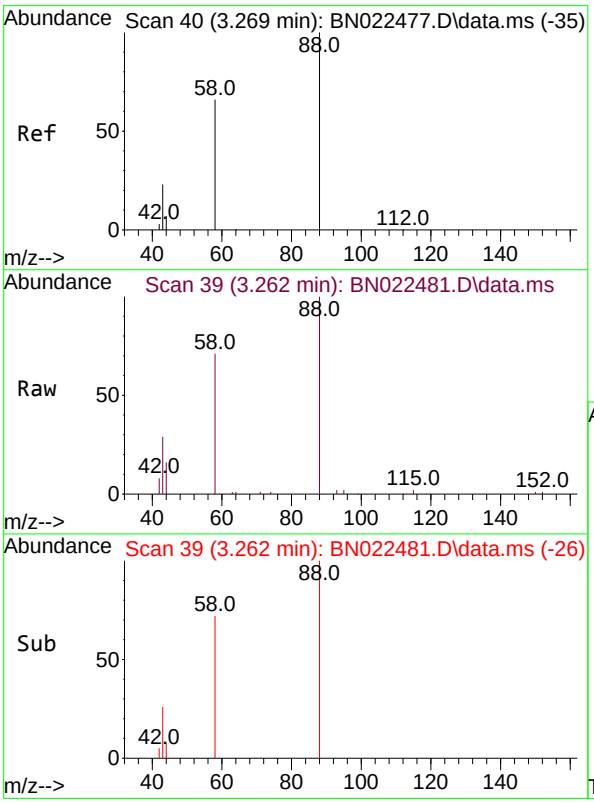
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.920 min Scan# 68
Delta R.T. 0.000 min
Lab File: BN022481.D
Acq: 03 Nov 2022 16:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:152 Resp: 2444

Ion	Ratio	Lower	Upper
152	100		
150	156.4	123.4	185.2
115	67.2	54.9	82.3

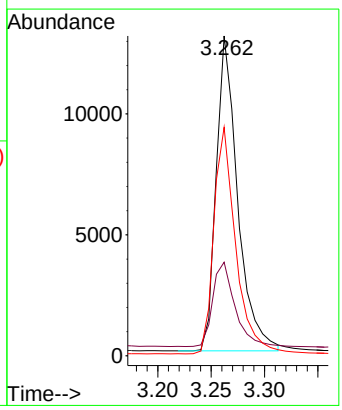


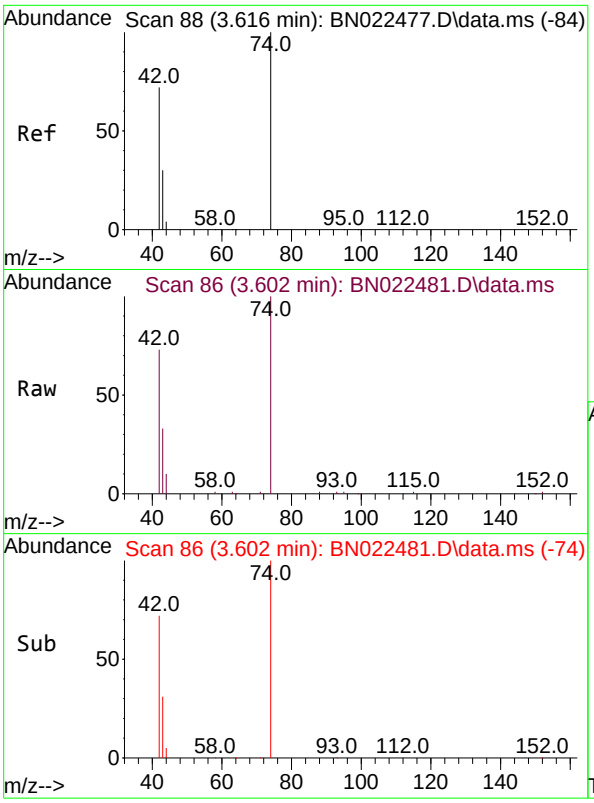


#2
1,4-Dioxane
Concen: 5.330 ng
RT: 3.262 min Scan# 39
Delta R.T. -0.007 min
Lab File: BN022481.D
Acq: 03 Nov 2022 16:38

Tgt Ion: 88 Resp: 18239

Ion	Ratio	Lower	Upper
88	100		
43	27.5	21.4	32.0
58	73.0	58.4	87.6



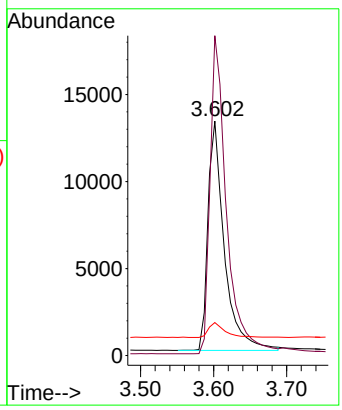


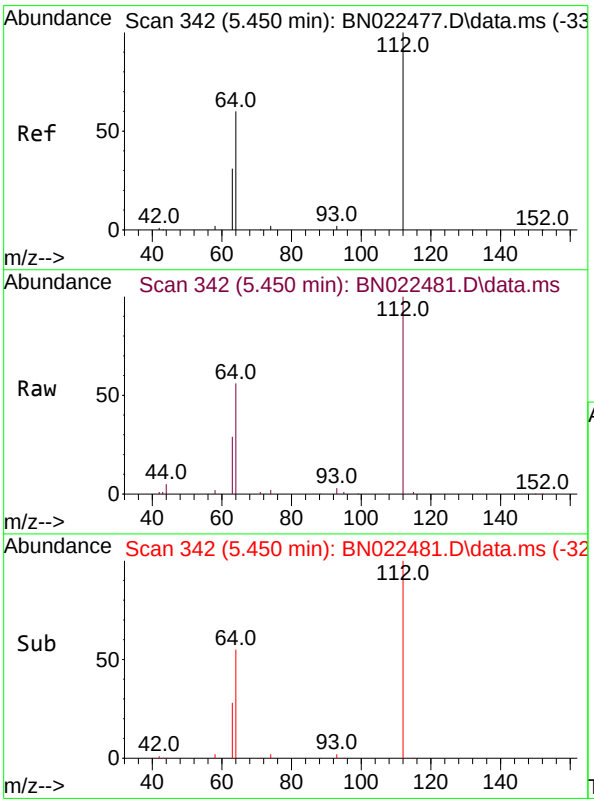
#3
n-Nitrosodimethylamine
Concen: 5.661 ng
RT: 3.602 min Scan# 8
Delta R.T. -0.014 min
Lab File: BN022481.D
Acq: 03 Nov 2022 16:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion: 42 Resp: 20619

Ion	Ratio	Lower	Upper
42	100		
74	139.7	110.6	165.8
44	6.5	8.6	13.0#

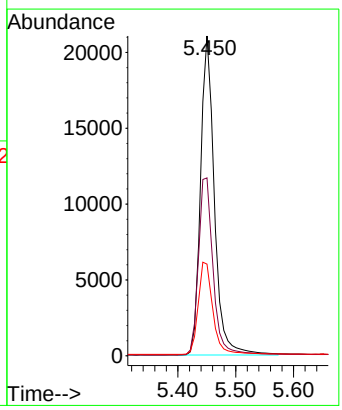


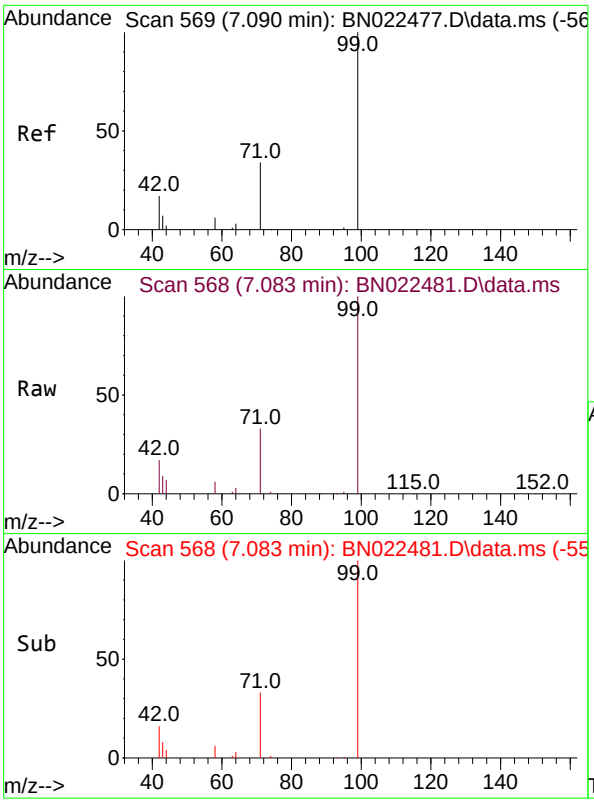


#4
2-Fluorophenol
Concen: 5.356 ng
RT: 5.450 min Scan# 342
Delta R.T. 0.000 min
Lab File: BN022481.D
Acq: 03 Nov 2022 16:38

Tgt Ion:112 Resp: 34882

Ion	Ratio	Lower	Upper
112	100		
64	58.9	47.1	70.7
63	30.5	24.6	36.8



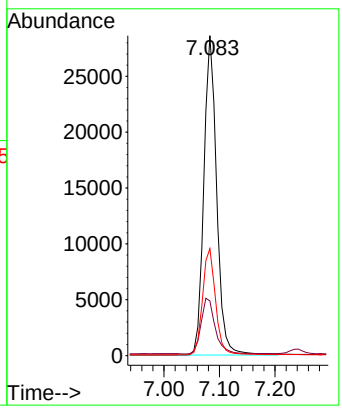


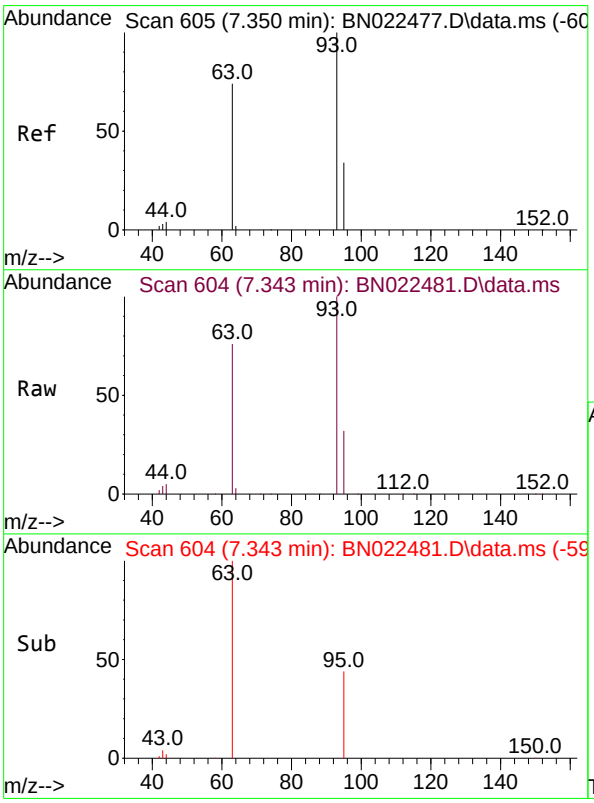
#5
Phenol-d6
Concen: 5.627 ng
RT: 7.083 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN022481.D
Acq: 03 Nov 2022 16:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion: 99 Resp: 45915

Ion	Ratio	Lower	Upper
99	100		
42	19.3	14.7	22.1
71	33.7	27.0	40.6

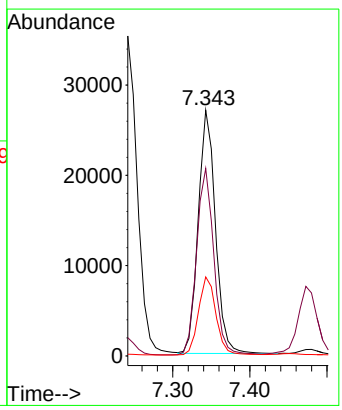


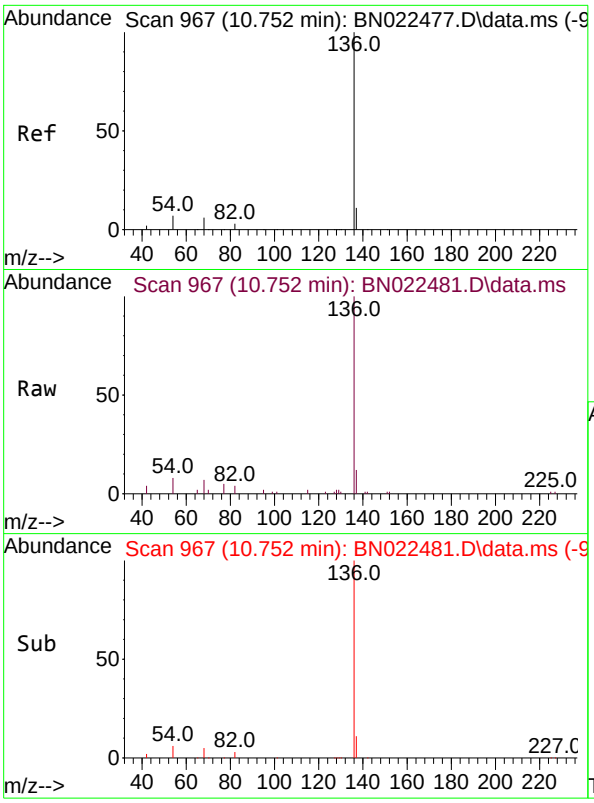


#6
bis(2-Chloroethyl)ether
Concen: 5.331 ng
RT: 7.343 min Scan# 604
Delta R.T. -0.007 min
Lab File: BN022481.D
Acq: 03 Nov 2022 16:38

Tgt Ion: 93 Resp: 41775

Ion	Ratio	Lower	Upper
93	100		
63	77.1	61.2	91.8
95	32.6	25.7	38.5



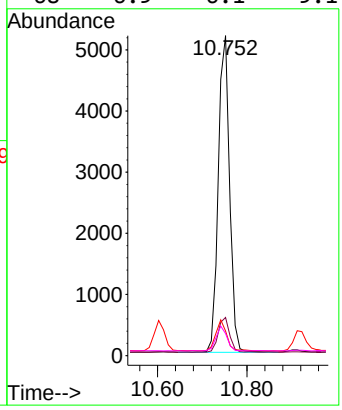


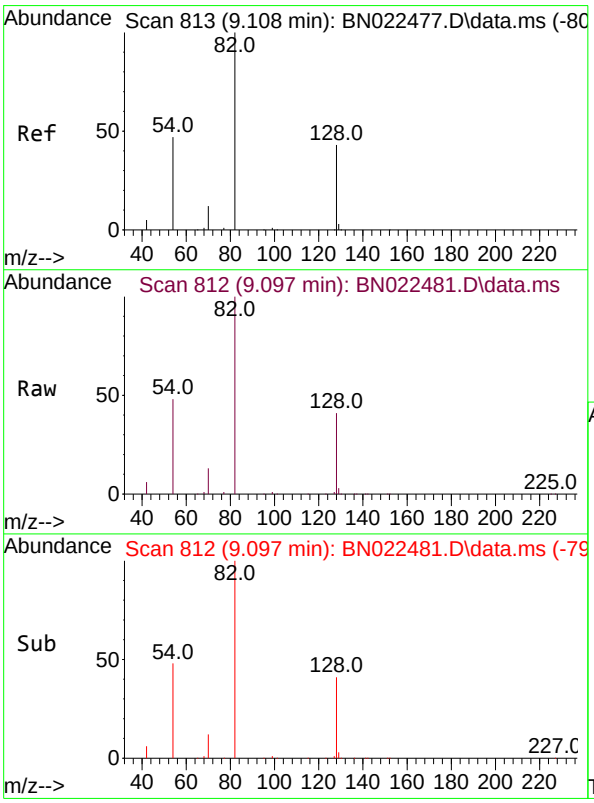
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.752 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN022481.D
Acq: 03 Nov 2022 16:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:136 Resp: 9072

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.5	14.3
54	7.7	7.1	10.7
68	6.9	6.1	9.1

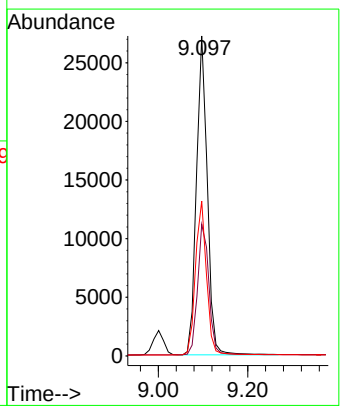


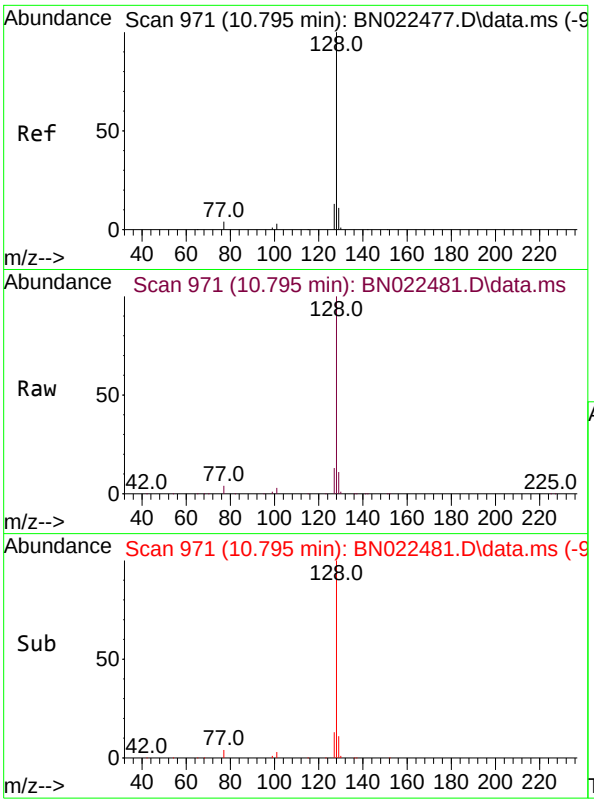


#8
Nitrobenzene-d5
Concen: 5.823 ng
RT: 9.097 min Scan# 812
Delta R.T. -0.011 min
Lab File: BN022481.D
Acq: 03 Nov 2022 16:38

Tgt Ion: 82 Resp: 45686

Ion	Ratio	Lower	Upper
82	100		
128	41.1	37.3	55.9
54	48.4	40.0	60.0



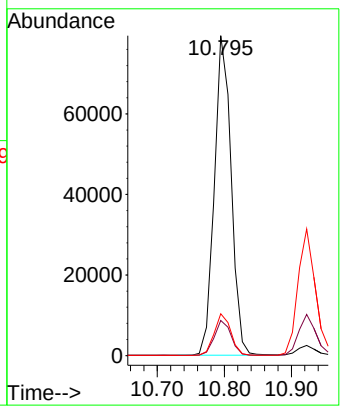


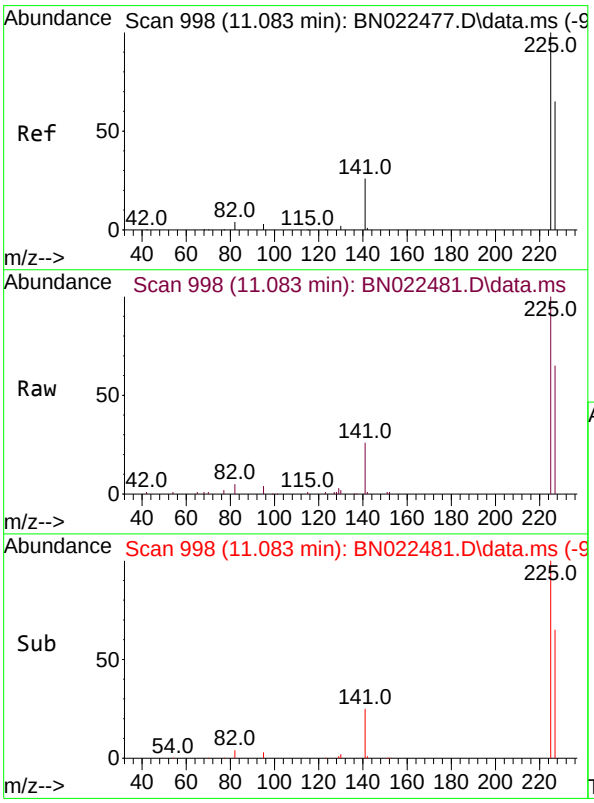
#9
Naphthalene
Concen: 5.083 ng
RT: 10.795 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN022481.D
Acq: 03 Nov 2022 16:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:128 Resp: 137868

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.8	14.6
127	13.1	11.4	17.2

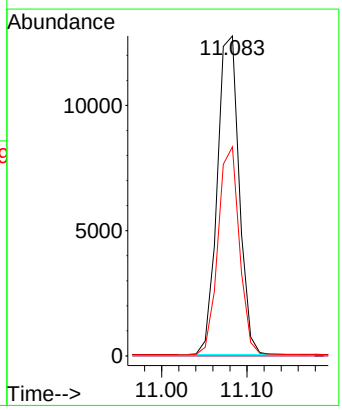


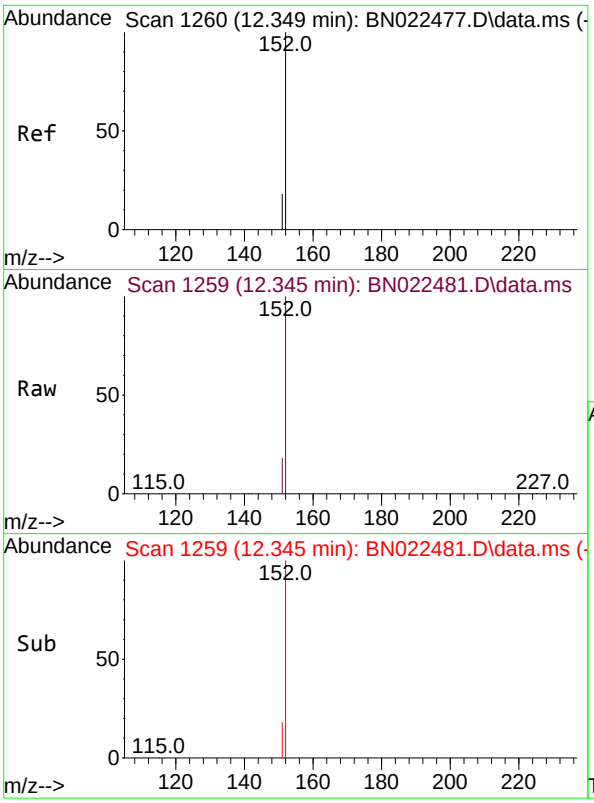


#10
Hexachlorobutadiene
Concen: 4.946 ng
RT: 11.083 min Scan# 998
Delta R.T. 0.000 min
Lab File: BN022481.D
Acq: 03 Nov 2022 16:38

Tgt Ion:225 Resp: 22752

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.6	51.0	76.4



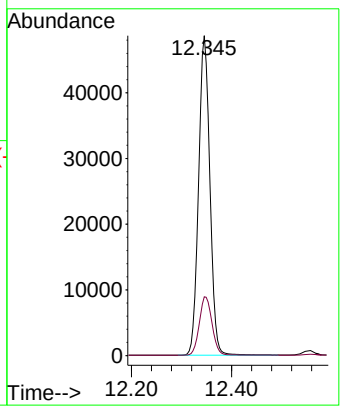


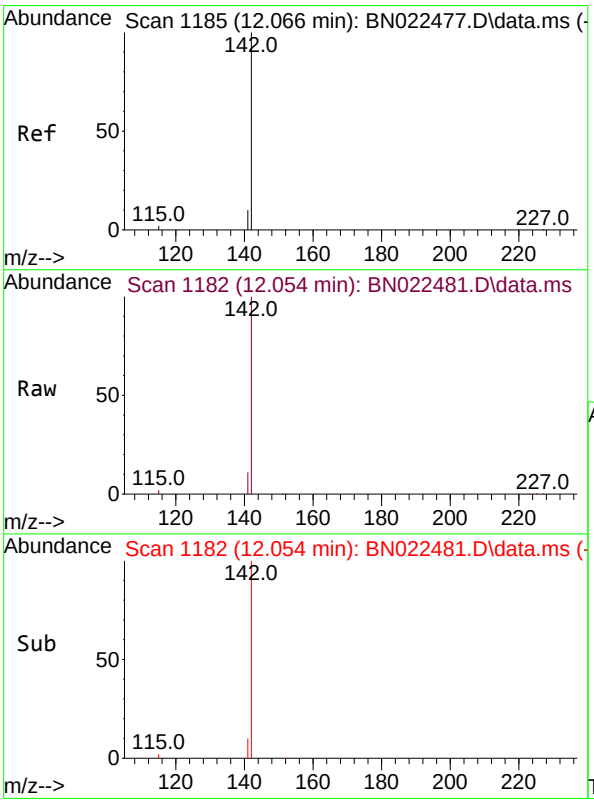
#11
2-Methylnaphthalene-d10
Concen: 5.348 ng
RT: 12.345 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN022481.D
Acq: 03 Nov 2022 16:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:152 Resp: 76114

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.6	25.0

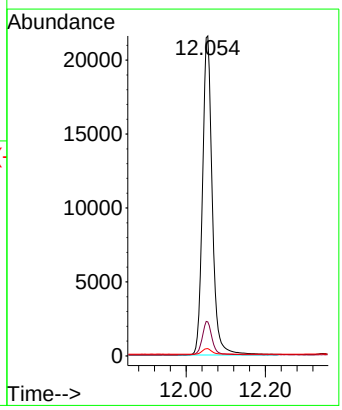


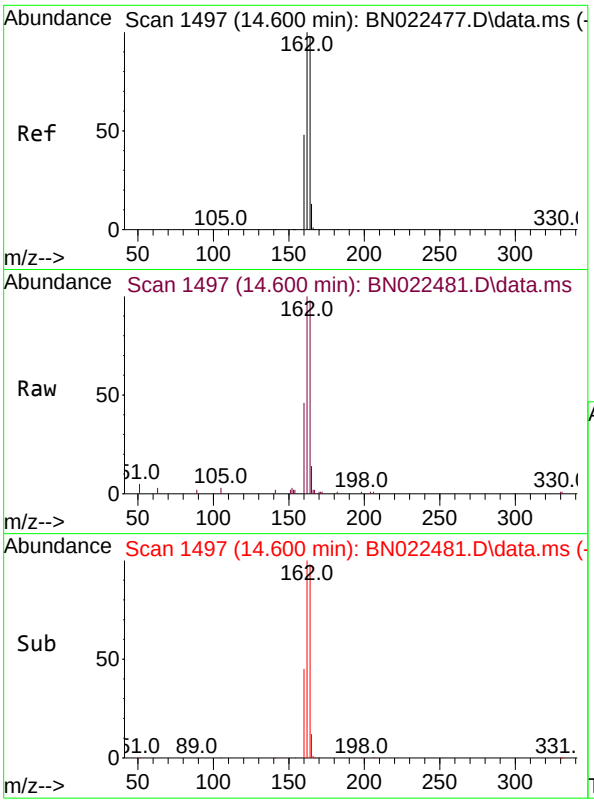


#12
2-Methylnaphthalene
Concen: 6.834 ng
RT: 12.054 min Scan# 1182
Delta R.T. -0.011 min
Lab File: BN022481.D
Acq: 03 Nov 2022 16:38

Tgt Ion:142 Resp: 36874

Ion	Ratio	Lower	Upper
142	100		
141	10.6	13.7	20.5#
115	2.3	11.4	17.2#



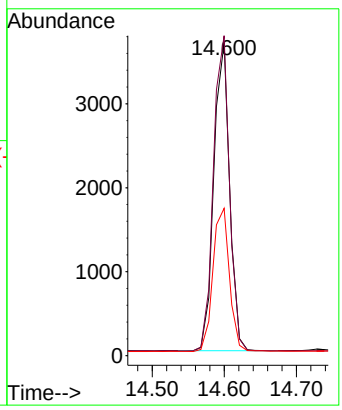


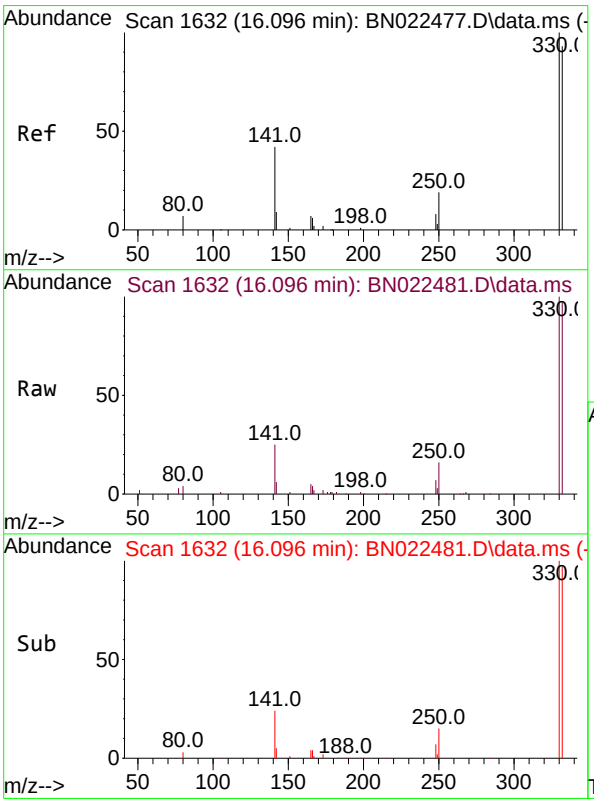
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.600 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN022481.D
Acq: 03 Nov 2022 16:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:164 Resp: 5584

Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.0	123.0
160	47.1	39.4	59.2

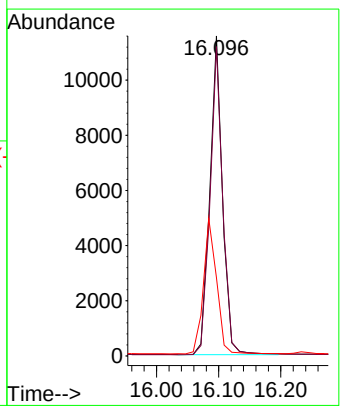


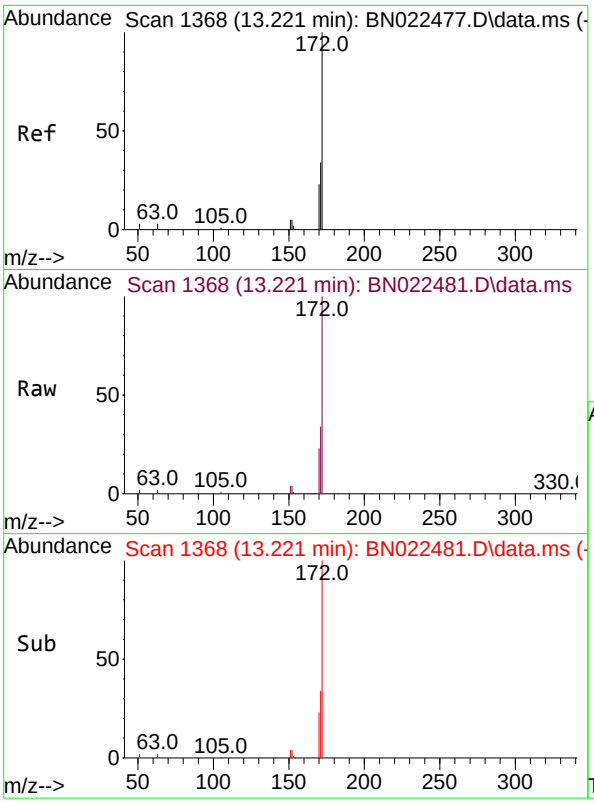


#14
2,4,6-Tribromophenol
Concen: 6.820 ng
RT: 16.096 min Scan# 1632
Delta R.T. 0.000 min
Lab File: BN022481.D
Acq: 03 Nov 2022 16:38

Tgt Ion:330 Resp: 16367

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.8	116.8
141	43.8	35.0	52.6



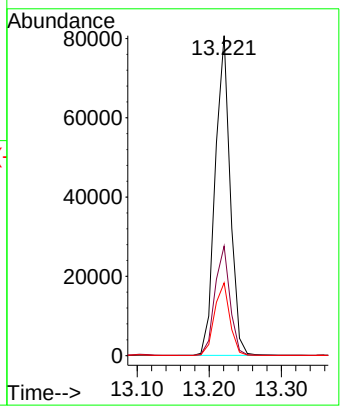


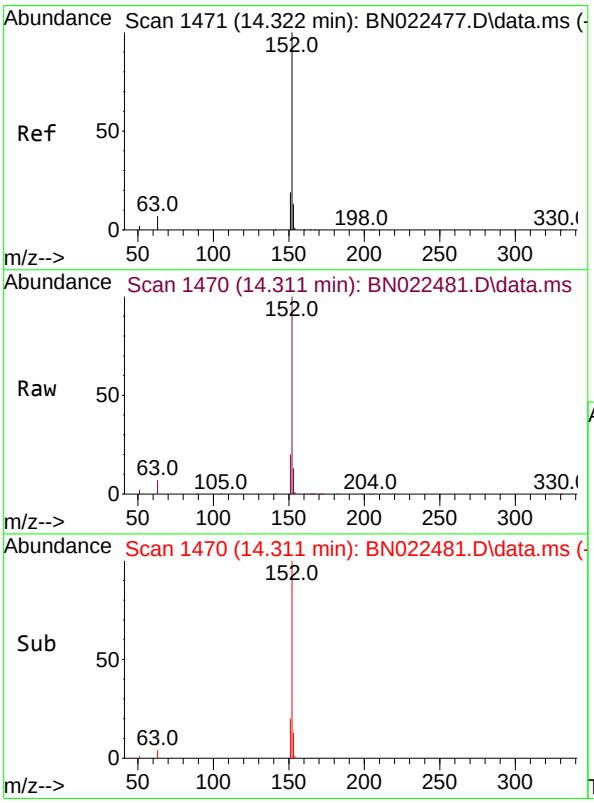
#15
2-Fluorobiphenyl
Concen: 4.894 ng
RT: 13.221 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022481.D
Acq: 03 Nov 2022 16:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:172 Resp: 116886

Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.9	41.9
170	22.7	19.2	28.8

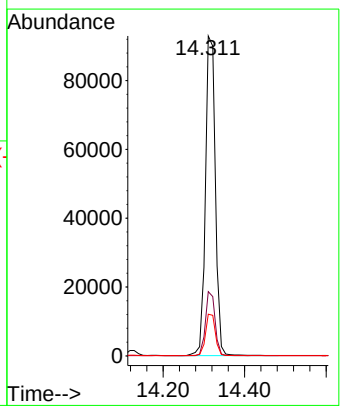


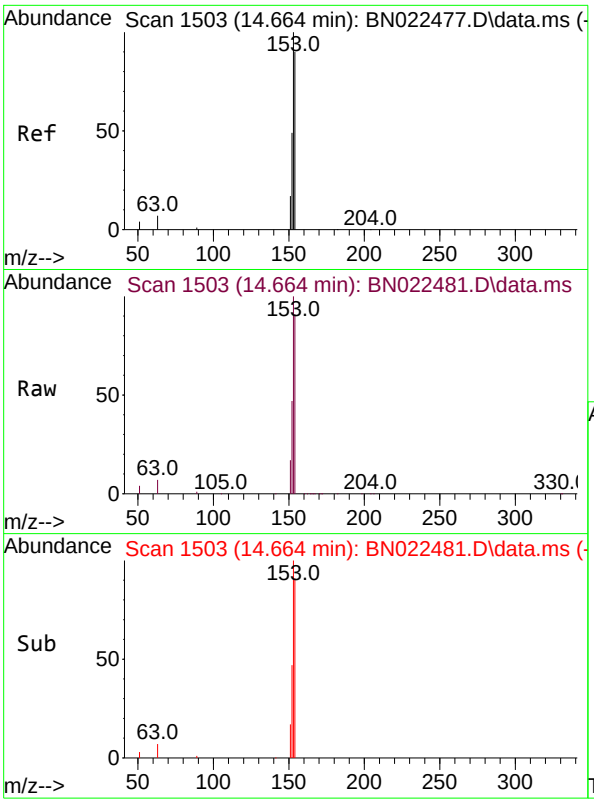


#16
Acenaphthylene
Concen: 5.764 ng
RT: 14.311 min Scan# 1470
Delta R.T. -0.011 min
Lab File: BN022481.D
Acq: 03 Nov 2022 16:38

Tgt Ion:152 Resp: 155940

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.8	23.6
153	12.9	10.3	15.5





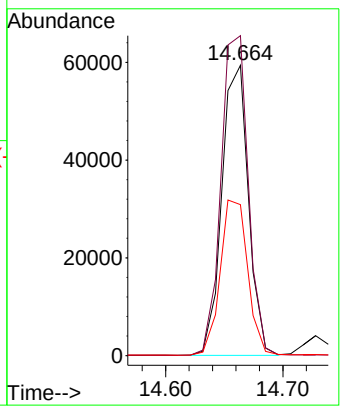
#17
Acenaphthene
Concen: 5.068 ng
RT: 14.664 min Scan# 1

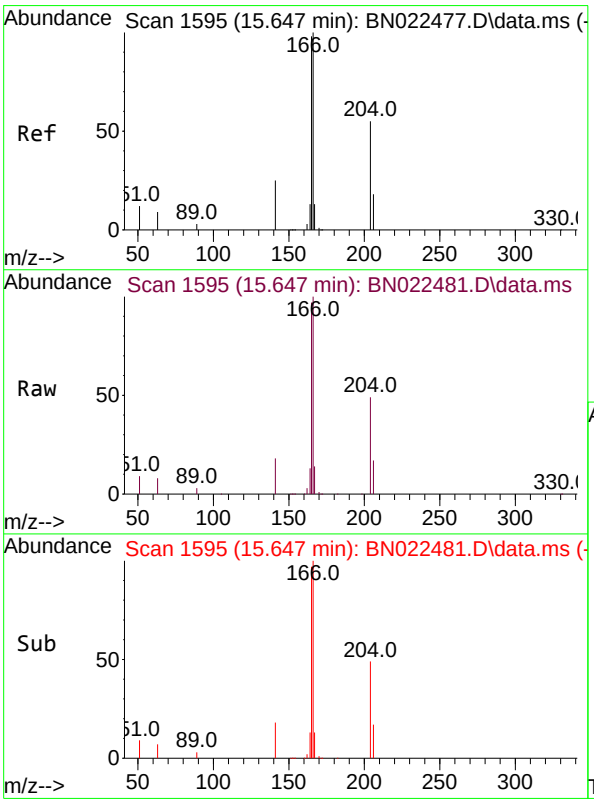
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Delta R.T. 0.000 min
Lab File: BN022481.D
Acq: 03 Nov 2022 16:38

Tgt Ion:154 Resp: 93470

Ion	Ratio	Lower	Upper
154	100		
153	113.5	91.8	137.8
152	55.6	45.7	68.5

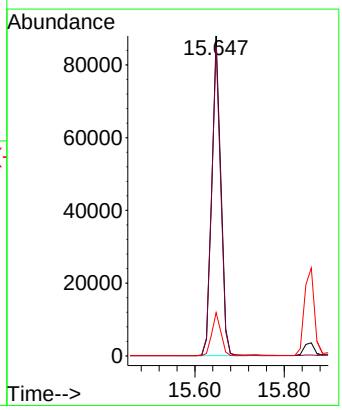


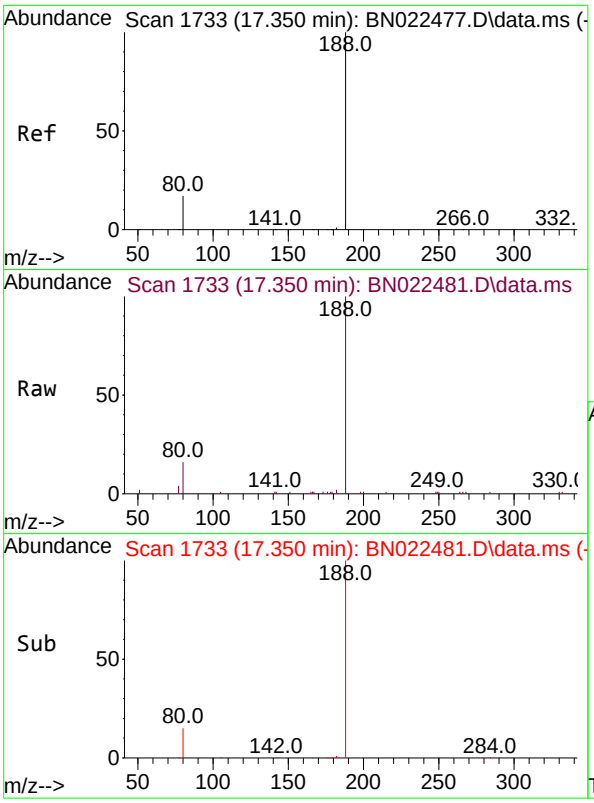


#18
Fluorene
Concen: 5.004 ng
RT: 15.647 min Scan# 1595
Delta R.T. 0.000 min
Lab File: BN022481.D
Acq: 03 Nov 2022 16:38

Tgt Ion:166 Resp: 128583

Ion	Ratio	Lower	Upper
166	100		
165	92.8	78.7	118.1
167	12.8	10.2	15.2



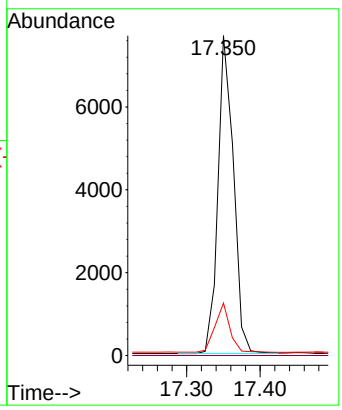


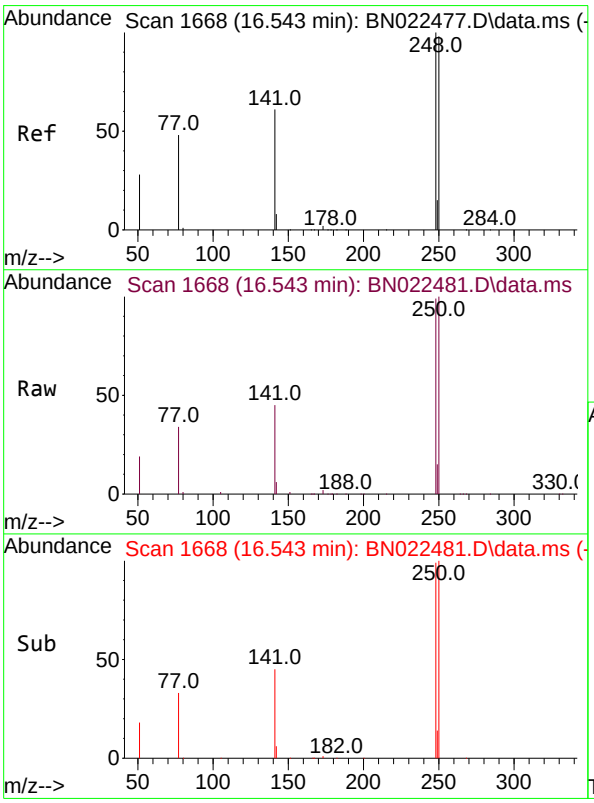
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.350 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022481.D
Acq: 03 Nov 2022 16:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:188 Resp: 11348

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	16.4	14.6	21.8

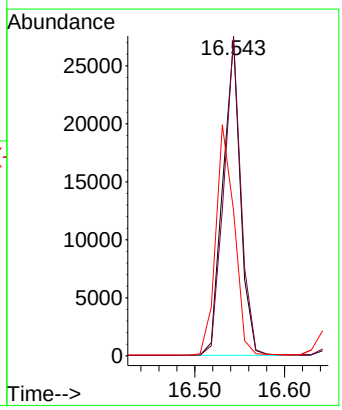


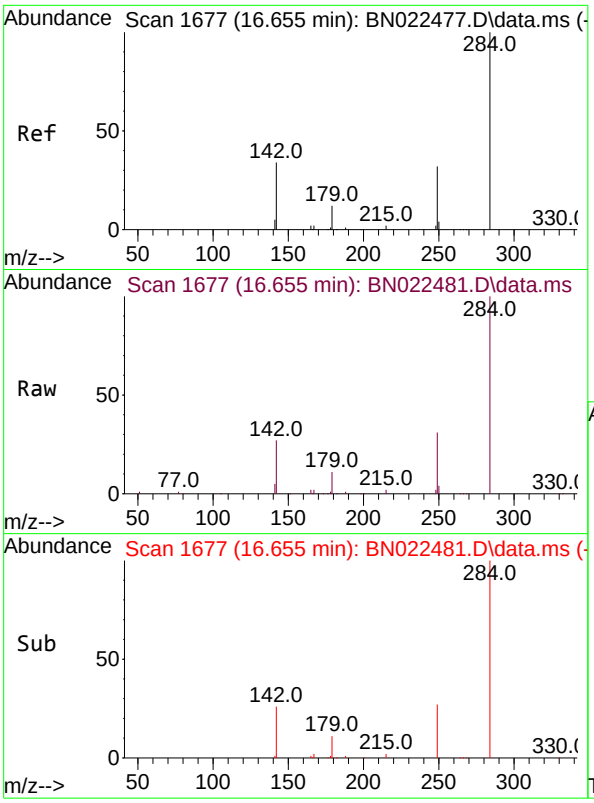


#21
4-Bromophenyl-phenylether
Concen: 5.417 ng
RT: 16.543 min Scan# 1668
Delta R.T. 0.000 min
Lab File: BN022481.D
Acq: 03 Nov 2022 16:38

Tgt Ion:248 Resp: 37096

Ion	Ratio	Lower	Upper
248	100		
250	101.5	78.6	117.8
141	46.0	50.8	76.2#



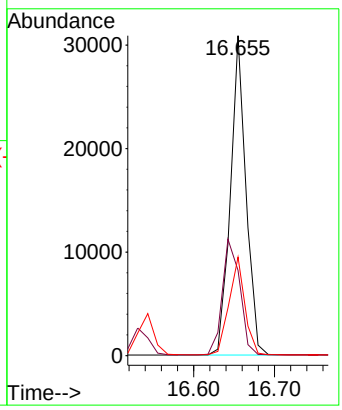


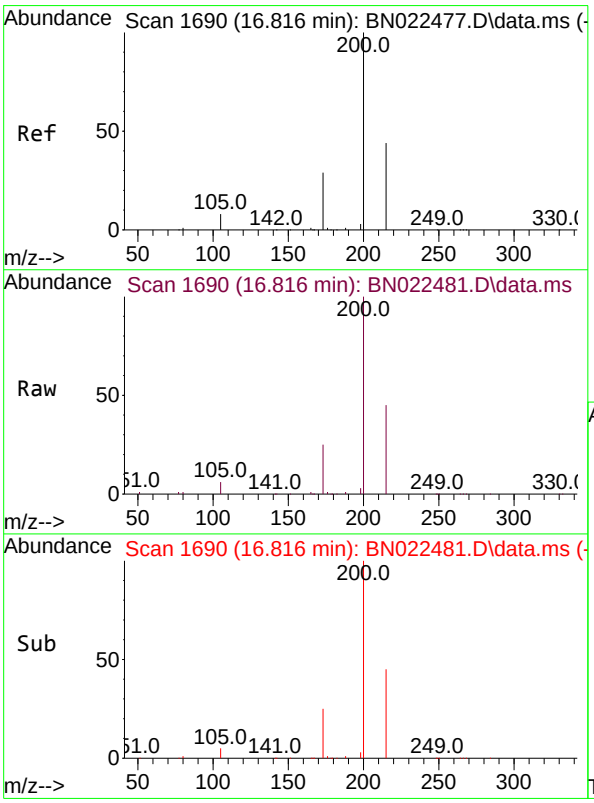
#22
Hexachlorobenzene
Concen: 5.275 ng
RT: 16.655 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN022481.D
Acq: 03 Nov 2022 16:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:284 Resp: 41376

Ion	Ratio	Lower	Upper
284	100		
142	40.7	32.4	48.6
249	31.1	24.8	37.2

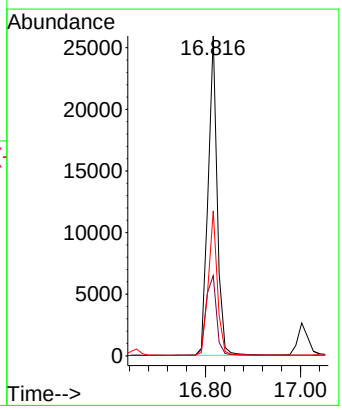


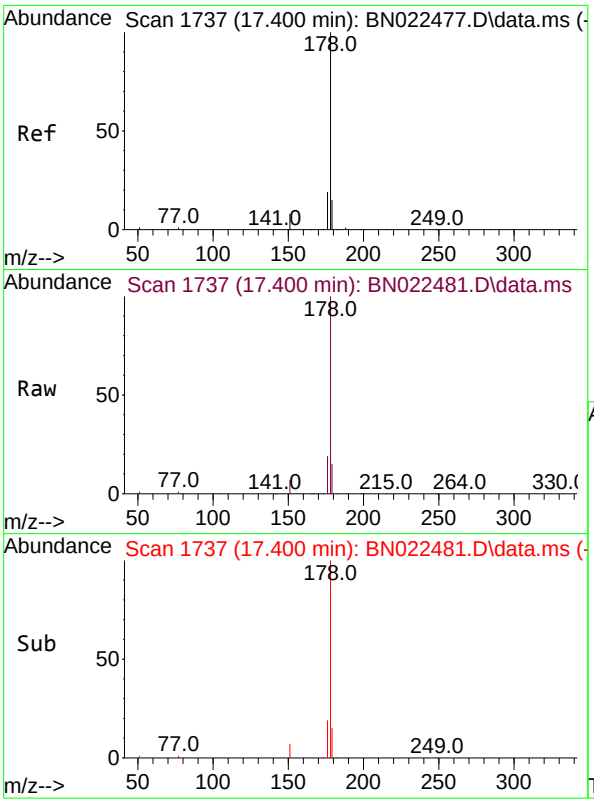


#23
Atrazine
Concen: 5.994 ng
RT: 16.816 min Scan# 1690
Delta R.T. 0.000 min
Lab File: BN022481.D
Acq: 03 Nov 2022 16:38

Tgt Ion:200 Resp: 34296

Ion	Ratio	Lower	Upper
200	100		
173	25.1	25.2	37.8#
215	45.3	36.6	55.0



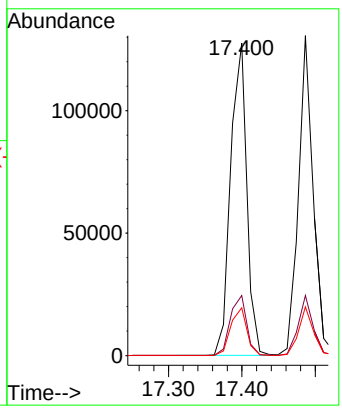


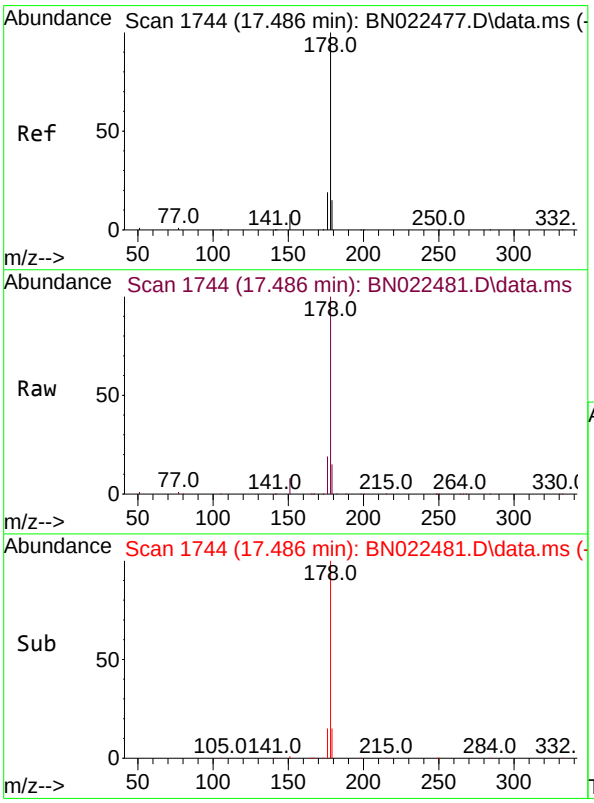
#25
Phenanthrene
Concen: 5.047 ng
RT: 17.400 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022481.D
Acq: 03 Nov 2022 16:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:178 Resp: 196400

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.2	12.2	18.4

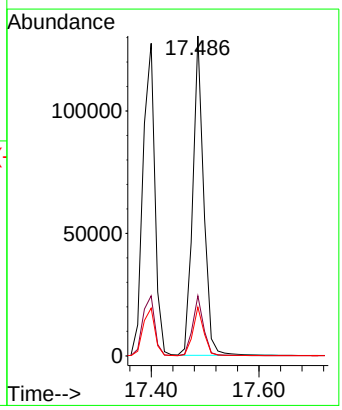


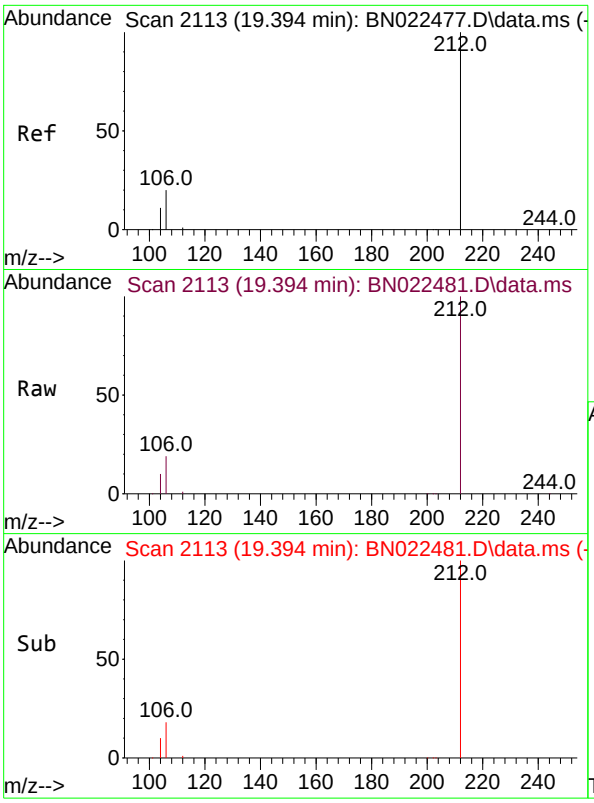


#26
Anthracene
Concen: 5.587 ng
RT: 17.486 min Scan# 1744
Delta R.T. 0.000 min
Lab File: BN022481.D
Acq: 03 Nov 2022 16:38

Tgt Ion:178 Resp: 183097

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.8	22.2
179	15.2	12.2	18.2



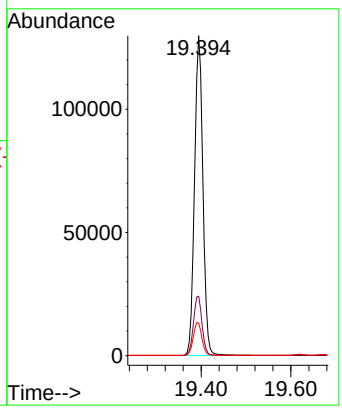


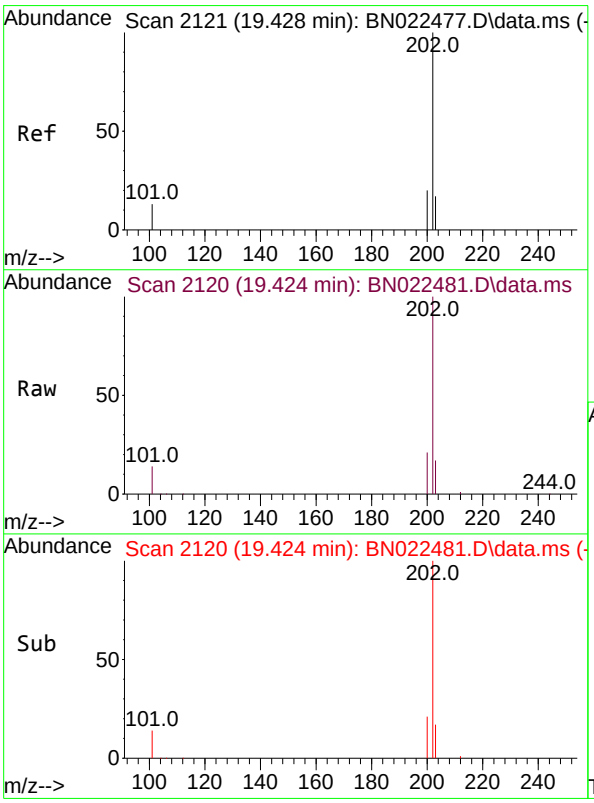
#27
Fluoranthene-d10
Concen: 5.372 ng
RT: 19.394 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN022481.D
Acq: 03 Nov 2022 16:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:212 Resp: 168395

Ion	Ratio	Lower	Upper
212	100		
106	18.9	15.2	22.8
104	10.6	8.6	12.8

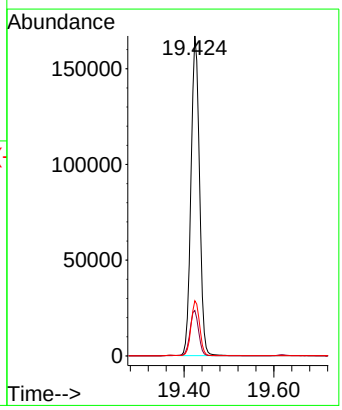


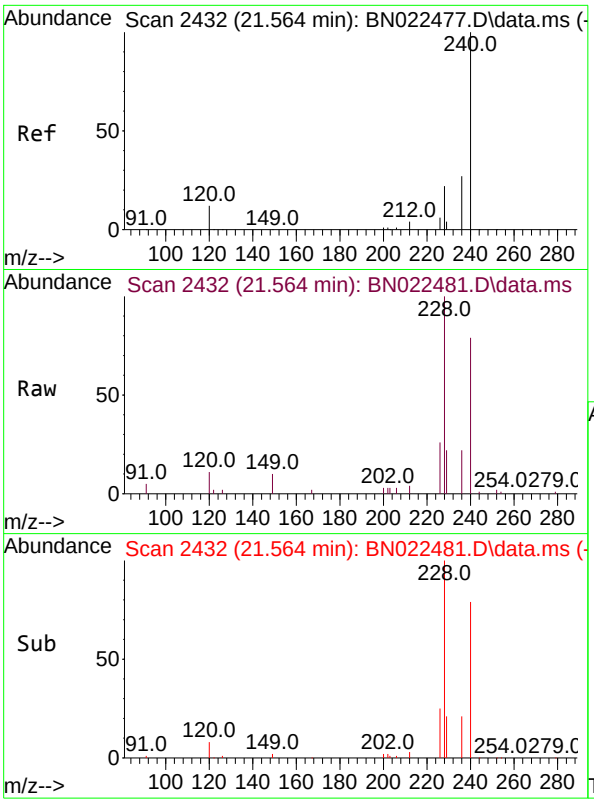


#28
Fluoranthene
Concen: 5.188 ng
RT: 19.424 min Scan# 2120
Delta R.T. -0.004 min
Lab File: BN022481.D
Acq: 03 Nov 2022 16:38

Tgt Ion:202 Resp: 218851

Ion	Ratio	Lower	Upper
202	100		
101	14.5	11.2	16.8
203	17.3	13.6	20.4



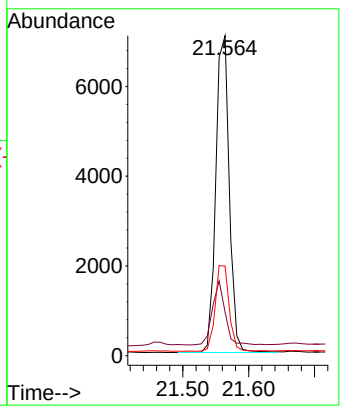


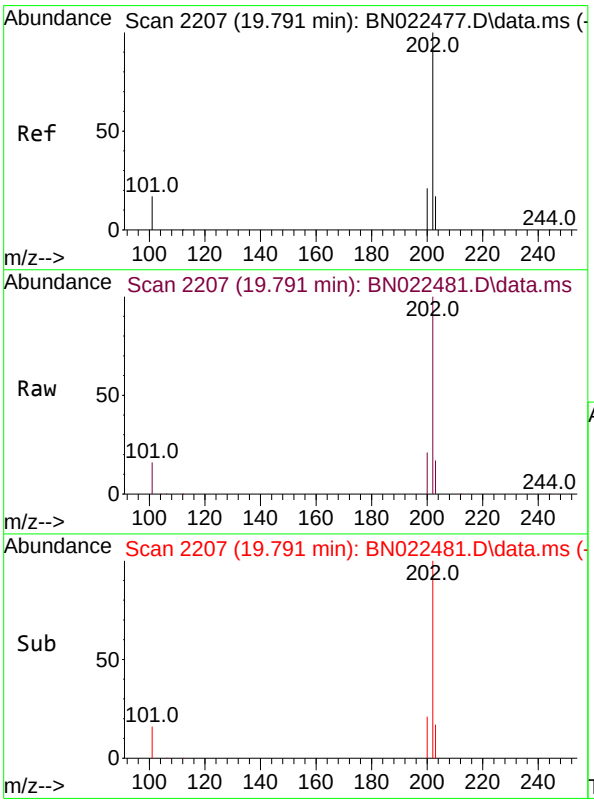
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.564 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN022481.D
Acq: 03 Nov 2022 16:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:240 Resp: 10074

Ion	Ratio	Lower	Upper
240	100		
120	13.6	12.4	18.6
236	28.0	22.7	34.1

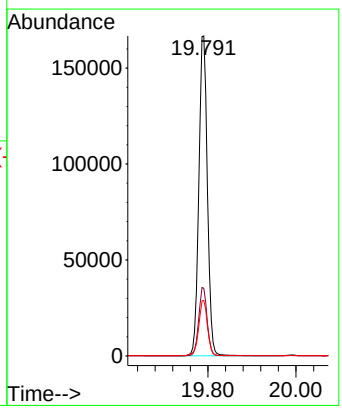


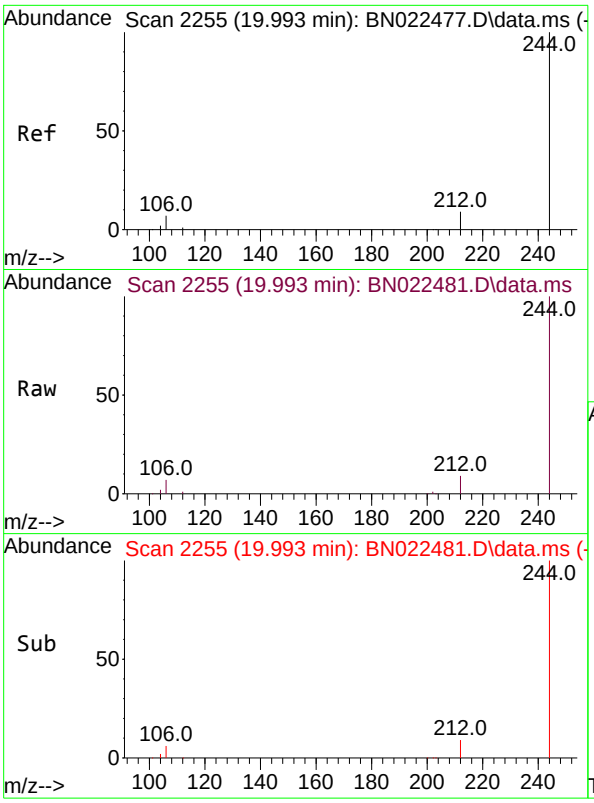


#30
Pyrene
Concen: 4.825 ng
RT: 19.791 min Scan# 2207
Delta R.T. 0.000 min
Lab File: BN022481.D
Acq: 03 Nov 2022 16:38

Tgt Ion:202 Resp: 223695

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.4
203	17.8	14.3	21.5



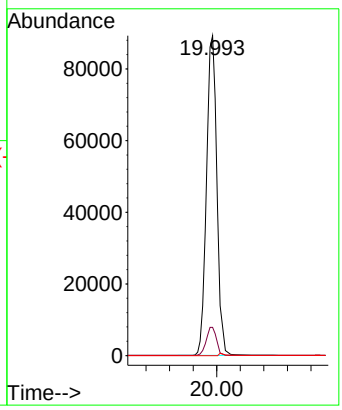


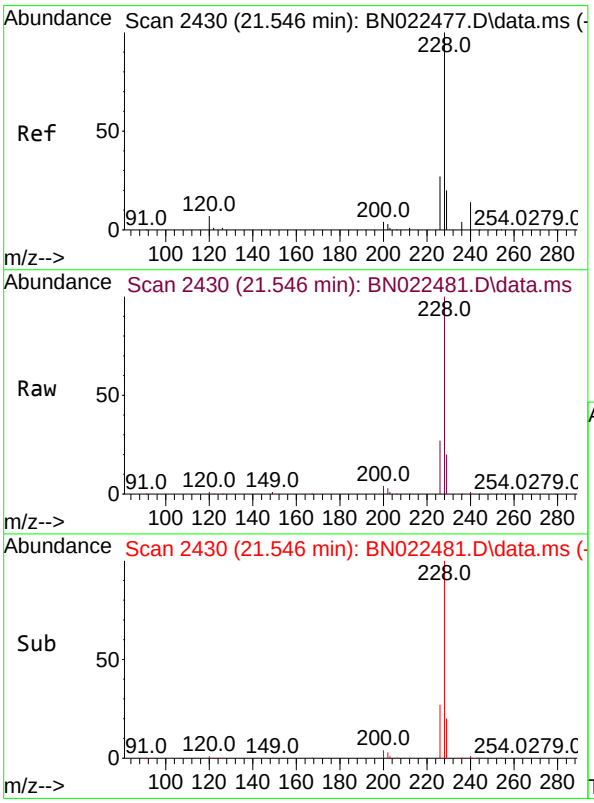
#31
Terphenyl-d14
Concen: 5.833 ng
RT: 19.993 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN022481.D
Acq: 03 Nov 2022 16:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:244 Resp: 153077

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.8	11.8
122	0.0	0.0	0.0

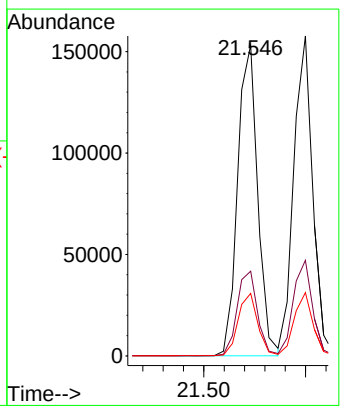


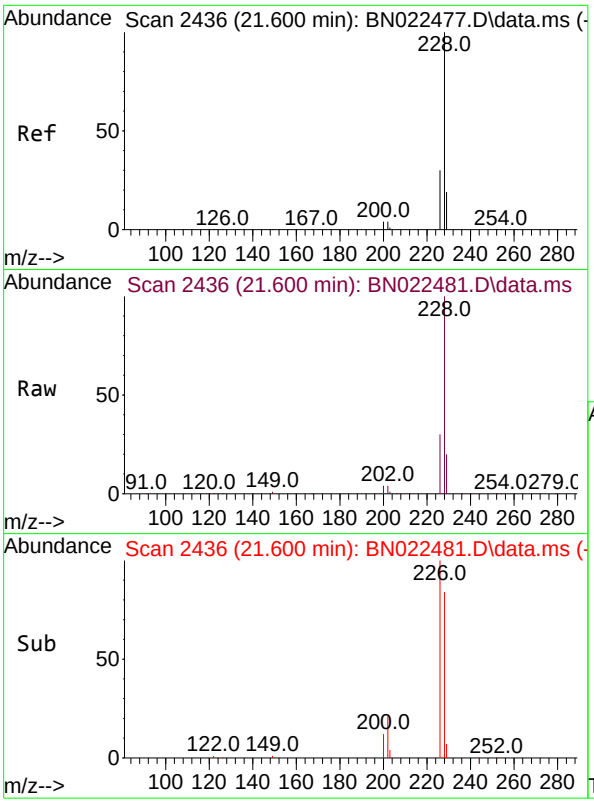


#32
Benzo(a)anthracene
Concen: 5.300 ng
RT: 21.546 min Scan# 2430
Delta R.T. 0.000 min
Lab File: BN022481.D
Acq: 03 Nov 2022 16:38

Tgt Ion:228 Resp: 210213

Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.1	33.1
229	20.1	16.4	24.6



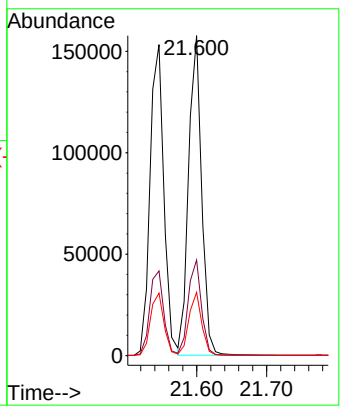


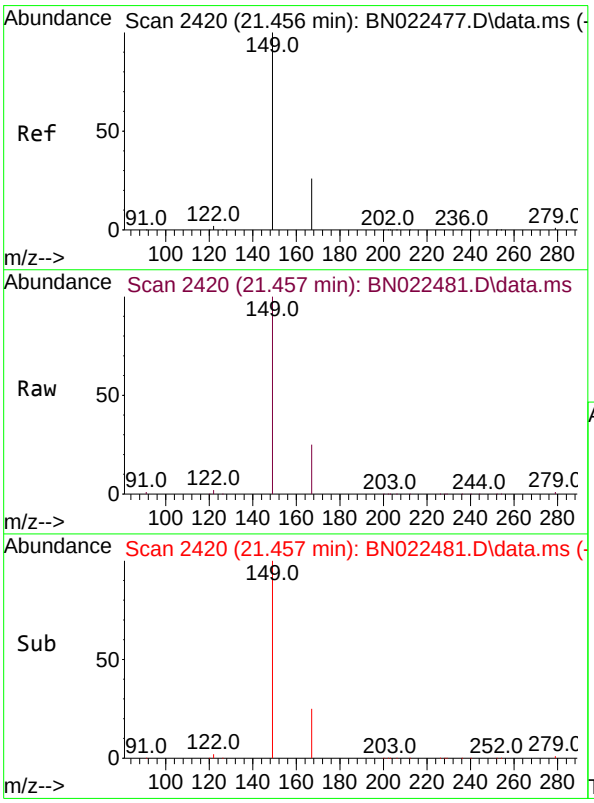
#33
Chrysene
Concen: 4.920 ng
RT: 21.600 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN022481.D
Acq: 03 Nov 2022 16:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:228 Resp: 203949

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.1	36.1
229	19.8	15.9	23.9

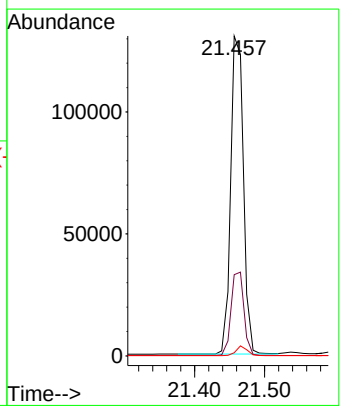


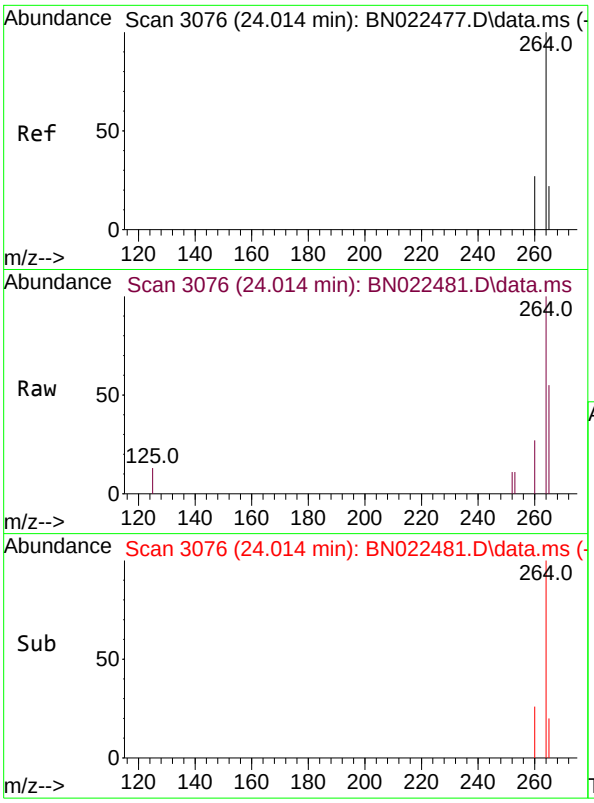


#34
Bis(2-ethylhexyl)phthalate
Concen: 5.439 ng
RT: 21.457 min Scan# 2420
Delta R.T. 0.000 min
Lab File: BN022481.D
Acq: 03 Nov 2022 16:38

Tgt Ion:149 Resp: 165315

Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.3	31.9
279	2.7	2.7	4.1#



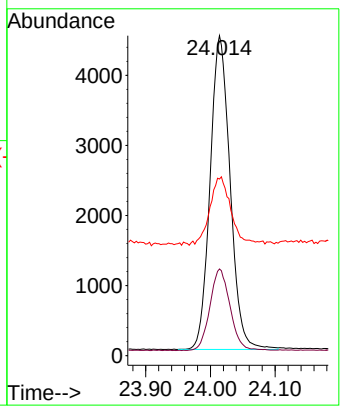


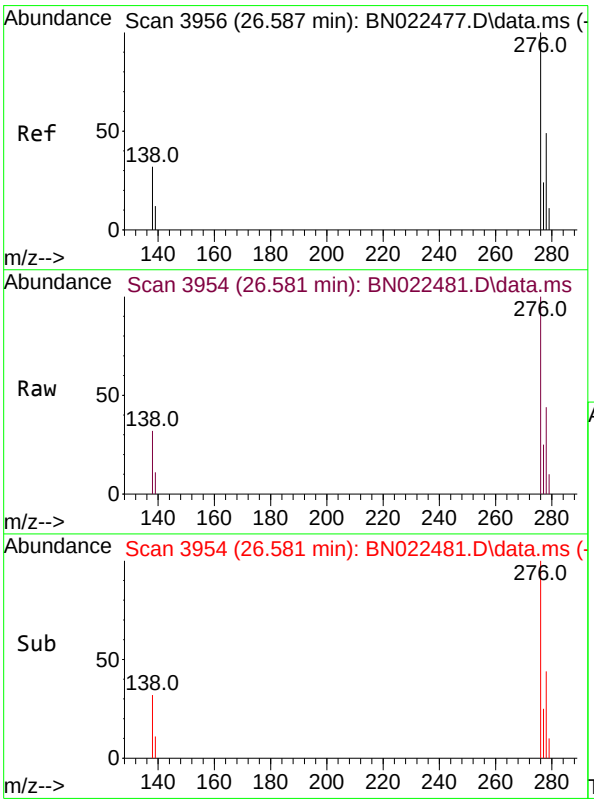
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.014 min Scan# 30
Delta R.T. 0.000 min
Lab File: BN022481.D
Acq: 03 Nov 2022 16:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:264 Resp: 9621

Ion	Ratio	Lower	Upper
264	100		
260	27.1	22.4	33.6
265	55.2	44.4	66.6

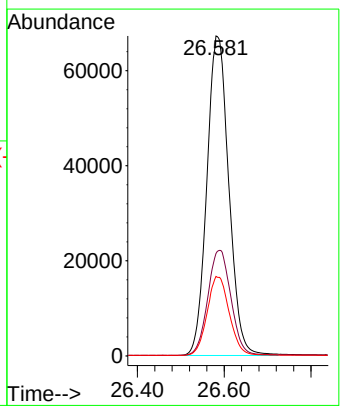


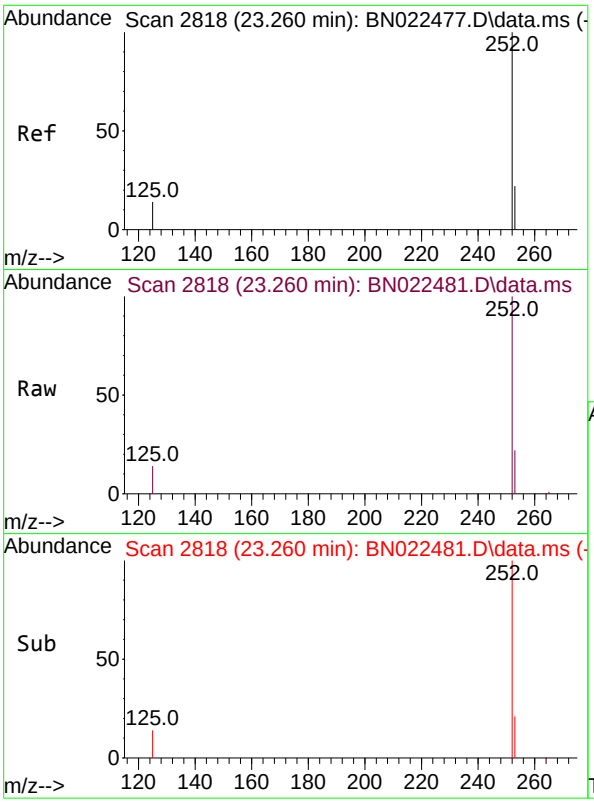


#36
Indeno(1,2,3-cd)pyrene
Concen: 4.963 ng
RT: 26.581 min Scan# 3954
Delta R.T. -0.006 min
Lab File: BN022481.D
Acq: 03 Nov 2022 16:38

Tgt Ion:276 Resp: 235857

Ion	Ratio	Lower	Upper
276	100		
138	34.6	27.5	41.3
277	24.9	19.8	29.6



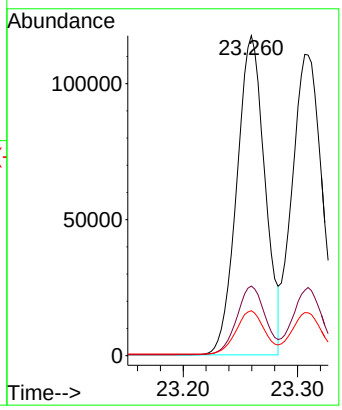


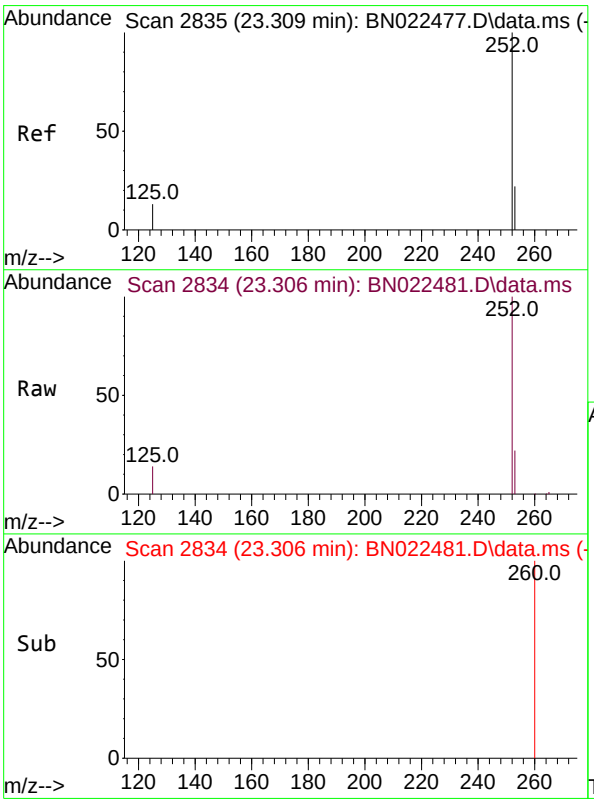
#37
Benzo(b)fluoranthene
Concen: 4.544 ng
RT: 23.260 min Scan# 28
Delta R.T. 0.000 min
Lab File: BN022481.D
Acq: 03 Nov 2022 16:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:252 Resp: 200126

Ion	Ratio	Lower	Upper
252	100		
253	21.7	21.1	31.7
125	14.0	16.8	25.2#

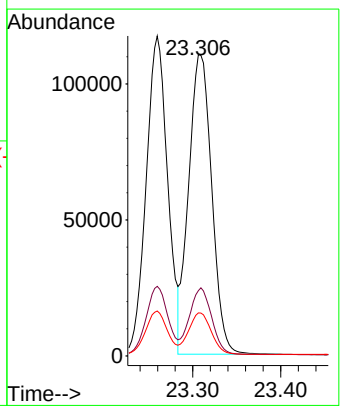


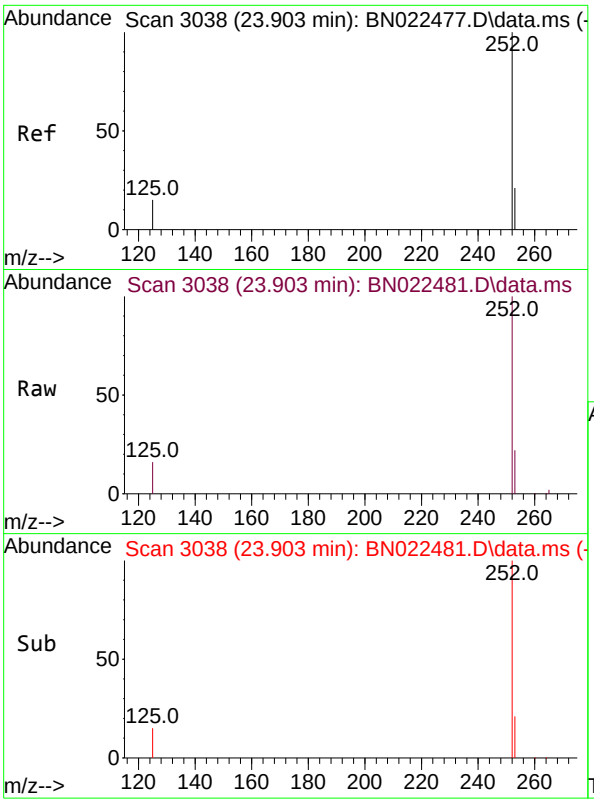


#38
Benzo(k)fluoranthene
Concen: 4.595 ng
RT: 23.306 min Scan# 2834
Delta R.T. -0.003 min
Lab File: BN022481.D
Acq: 03 Nov 2022 16:38

Tgt Ion:252 Resp: 201286

Ion	Ratio	Lower	Upper
252	100		
253	21.6	20.9	31.3
125	14.3	16.1	24.1#



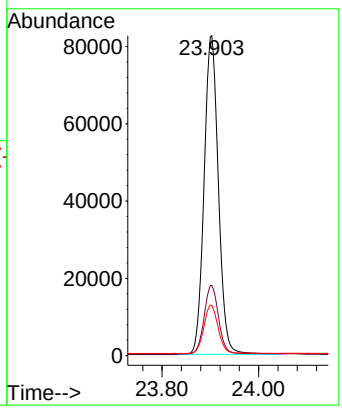


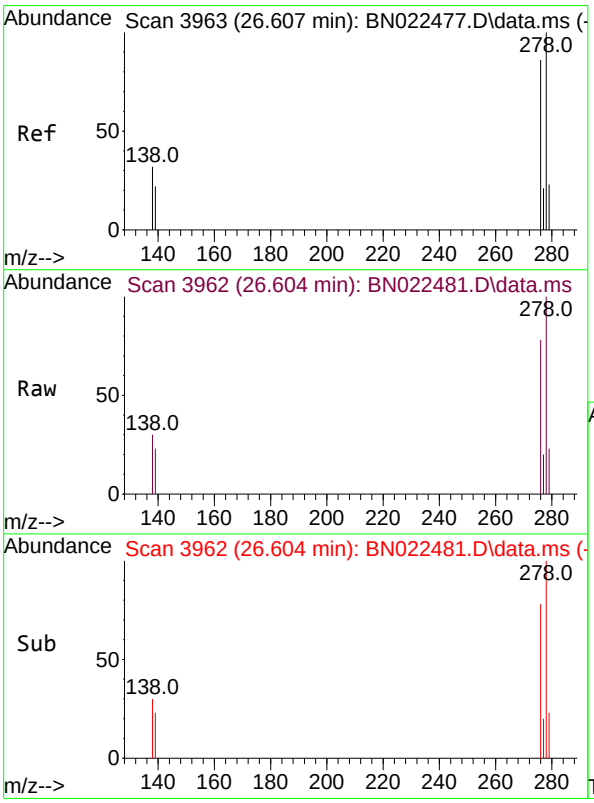
#39
Benzo(a)pyrene
Concen: 4.734 ng
RT: 23.903 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN022481.D
Acq: 03 Nov 2022 16:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:252 Resp: 169653

Ion	Ratio	Lower	Upper
252	100		
253	21.9	22.0	33.0#
125	15.7	19.8	29.8#

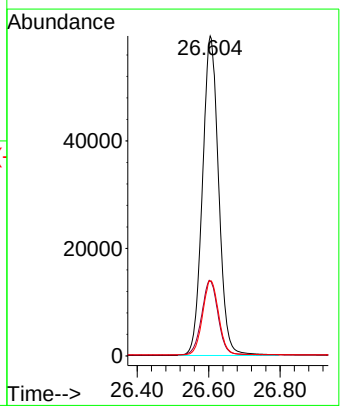


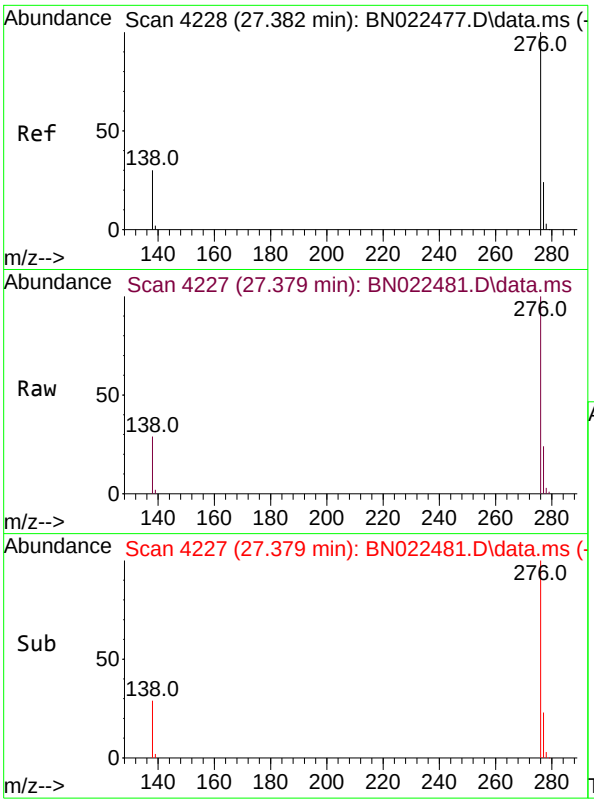


#40
Dibenzo(a,h)anthracene
Concen: 5.042 ng
RT: 26.604 min Scan# 3962
Delta R.T. -0.003 min
Lab File: BN022481.D
Acq: 03 Nov 2022 16:38

Tgt Ion:278 Resp: 187081

Ion	Ratio	Lower	Upper
278	100		
139	23.4	21.8	32.6
279	23.4	21.5	32.3





#41
Benzo(g,h,i)perylene
Concen: 5.025 ng
RT: 27.379 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN022481.D
Acq: 03 Nov 2022 16:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:276 Resp: 196782

Ion	Ratio	Lower	Upper
276	100		
277	23.6	21.0	31.4
138	29.3	26.0	39.0