Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102722\
Data File : BN022339.D
Acq On : 26 Oct 2022 17:38
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: Oct 27 06:51:35 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 27 06:48:35 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	3444	0.400	ng	0.00
7) Naphthalene-d8	10.773	136	10624	0.400	ng	0.00
13) Acenaphthene-d10	14.610	164	5995	0.400	ng	0.00
19) Phenanthrene-d10	17.375	188	12812	0.400	ng	# 0.01
29) Chrysene-d12	21.573	240	10113	0.400	ng	0.00
35) Perylene-d12	24.031	264	8590	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.472	112	906	0.114	ng	0.00
5) Phenol-d6	7.112	99	1086	0.105	ng	0.00
8) Nitrobenzene-d5	9.129	82	822	0.096	ng	0.01
11) 2-Methylnaphthalene-d10	12.368	152	1507	0.077	ng	0.00
14) 2,4,6-Tribromophenol	16.121	330	221	0.097	ng	0.01
15) 2-Fluorobiphenyl	13.242	172	2489	0.095	ng	0.00
27) Fluoranthene-d10	19.411	212	3224	0.095	ng	0.00
31) Terphenyl-d14	20.006	244	2429	0.119	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.291	88	473	0.106	ng	# 95
3) n-Nitrosodimethylamine	3.638	42	482	0.099	ng	# 99
6) bis(2-Chloroethyl)ether	7.372	93	1020	0.093	ng	97
9) Naphthalene	10.816	128	2976	0.093	ng	# 94
10) Hexachlorobutadiene	11.104	225	523	0.094	ng	# 97
12) 2-Methylnaphthalene	12.085	142	520	0.109	ng	# 51
16) Acenaphthylene	14.332	152	2502	0.088	ng	99
17) Acenaphthene	14.675	154	1826	0.091	ng	99
18) Fluorene	15.669	166	2589	0.107	ng	98
21) 4-Bromophenyl-phenylether	16.556	248	728	0.093	ng	# 90
22) Hexachlorobenzene	16.667	284	824	0.085	ng	98
23) Atrazine	16.829	200	591	0.102	ng	# 86
25) Phenanthrene	17.412	178	4343	0.099	ng	99
26) Anthracene	17.511	178	3307	0.094	ng	99
28) Fluoranthene	19.441	202	4354	0.092	ng	100
30) Pyrene	19.803	202	4521	0.102	ng	99
32) Benzo(a)anthracene	21.555	228	3733	0.098	ng	98
33) Chrysene	21.609	228	4073	0.097	ng	98
34) Bis(2-ethylhexyl)phtha...	21.474	149	3982	0.218	ng	97
36) Indeno(1,2,3-cd)pyrene	26.619	276	3317	0.076	ng	100
37) Benzo(b)fluoranthene	23.277	252	3542	0.087	ng	# 71
38) Benzo(k)fluoranthene	23.327	252	3618	0.089	ng	# 73
39) Benzo(a)pyrene	23.923	252	2855	0.092	ng	# 57
40) Dibenzo(a,h)anthracene	26.642	278	2562	0.074	ng	# 82
41) Benzo(g,h,i)perylene	27.414	276	2846	0.076	ng	# 88

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102722\
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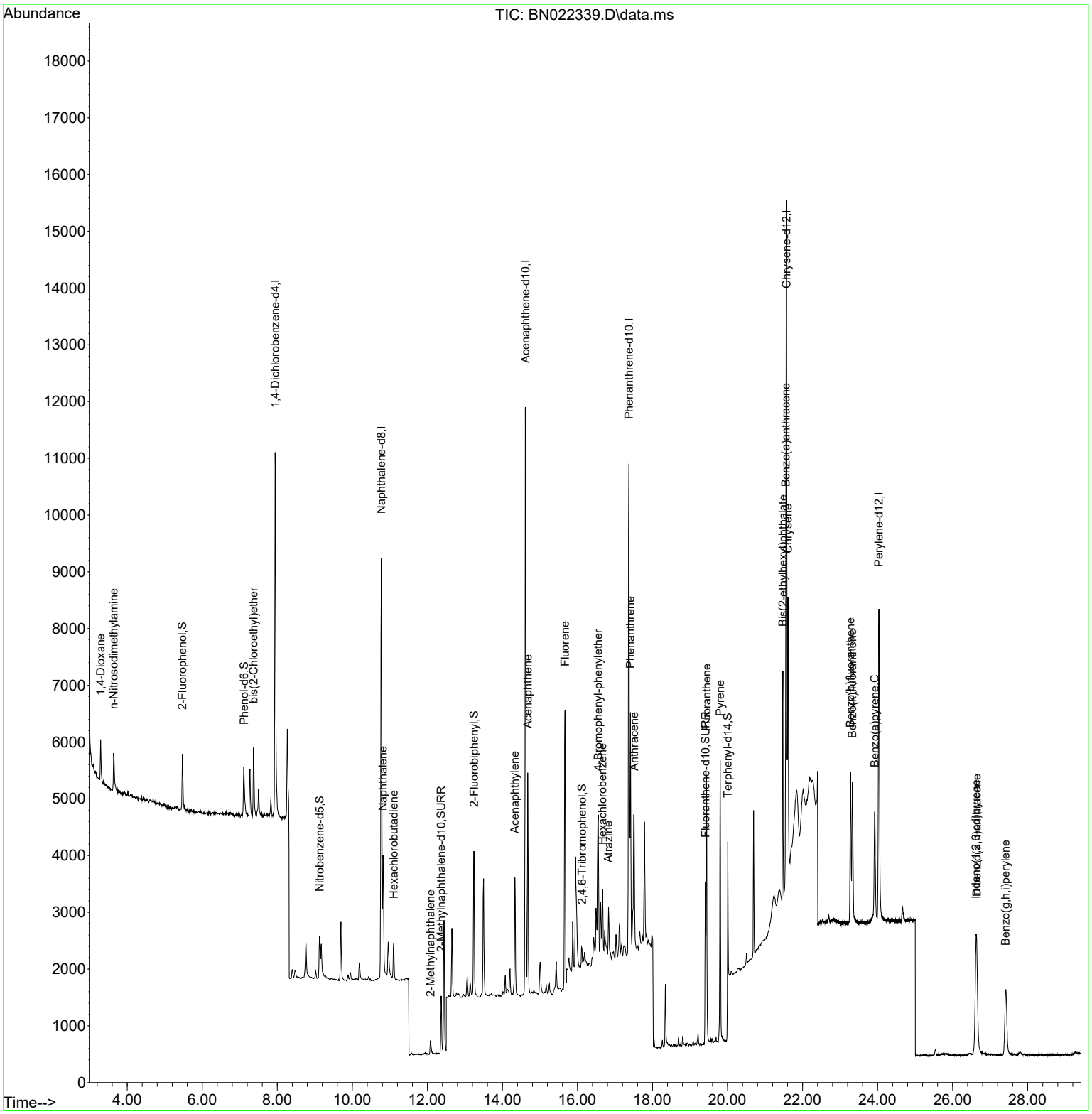
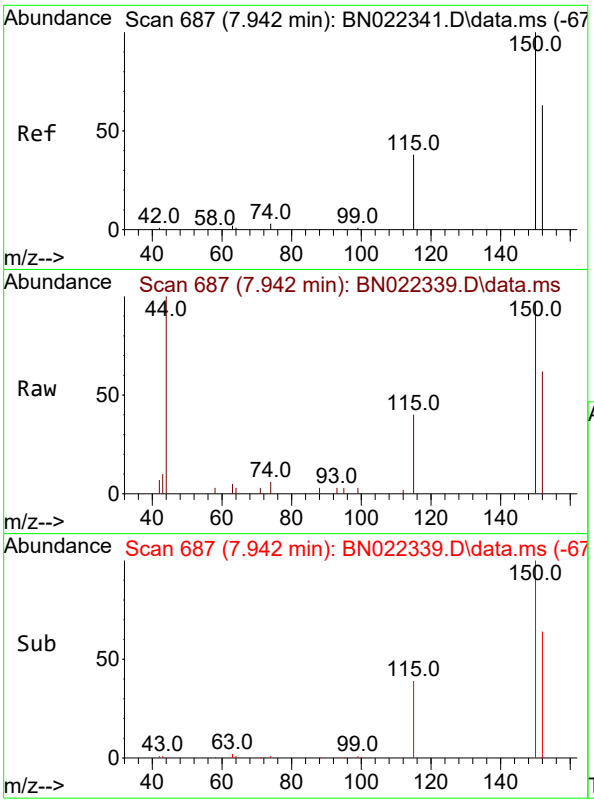
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: Oct 27 06:51:35 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 27 06:48:35 2022
Response via : Initial Calibration



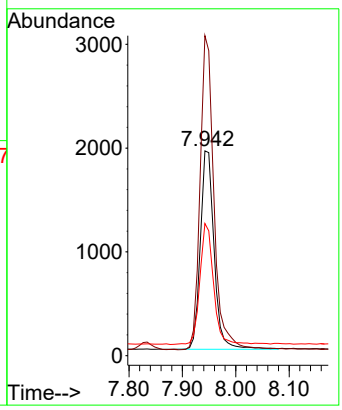


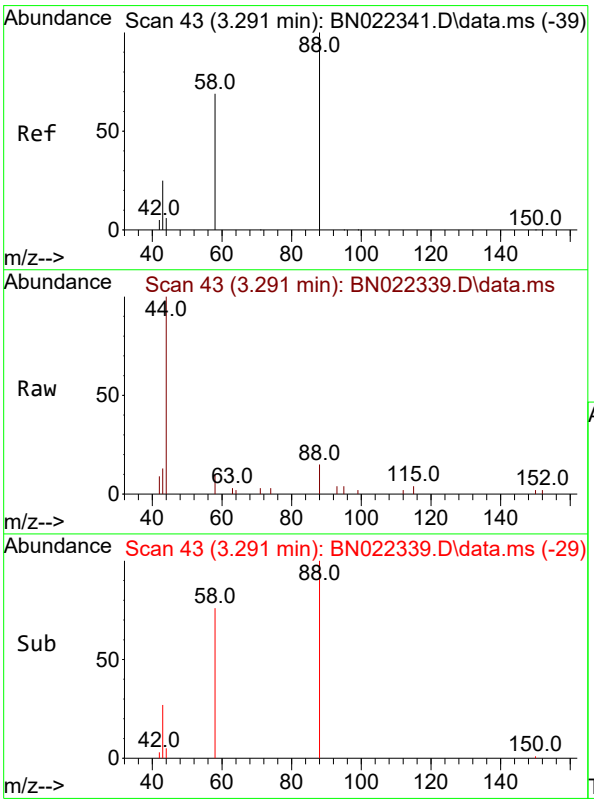
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.942 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN022339.D
Acq: 26 Oct 2022 17:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 3444

Ion	Ratio	Lower	Upper
152	100		
150	156.3	125.2	187.8
115	64.6	52.0	78.0

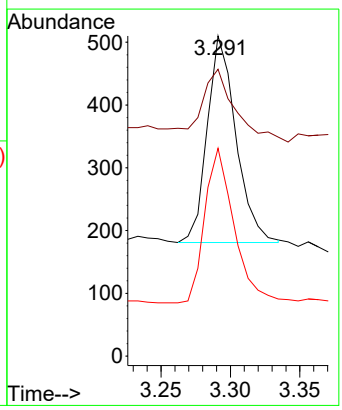


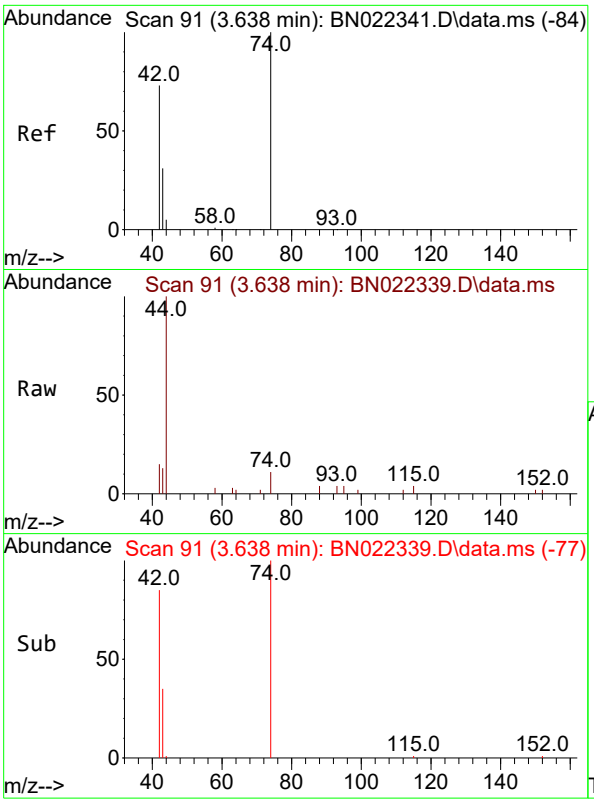


#2
1,4-Dioxane
Concen: 0.106 ng
RT: 3.291 min Scan# 43
Delta R.T. 0.000 min
Lab File: BN022339.D
Acq: 26 Oct 2022 17:38

Tgt Ion: 88 Resp: 473

Ion	Ratio	Lower	Upper
88	100		
43	35.1	22.6	33.8#
58	75.9	59.7	89.5



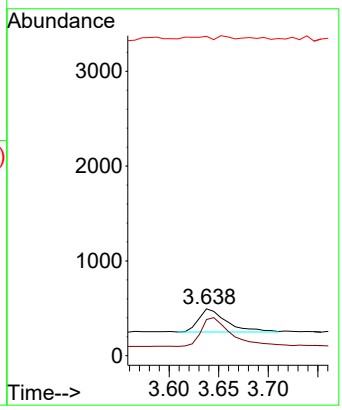


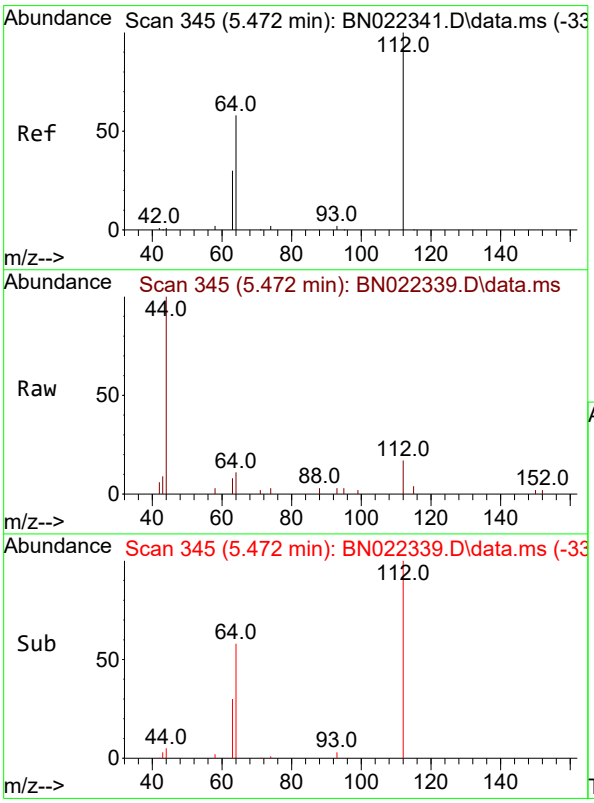
#3
n-Nitrosodimethylamine
Concen: 0.099 ng
RT: 3.638 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN022339.D
Acq: 26 Oct 2022 17:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 42 Resp: 482

Ion	Ratio	Lower	Upper
42	100		
74	133.2	105.6	158.4
44	10.8	7.1	10.7#

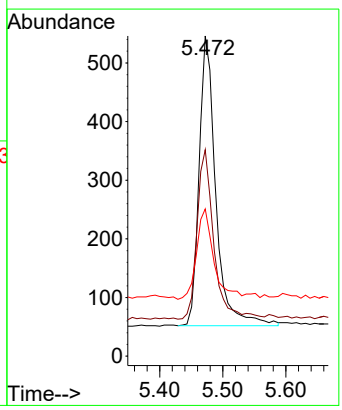


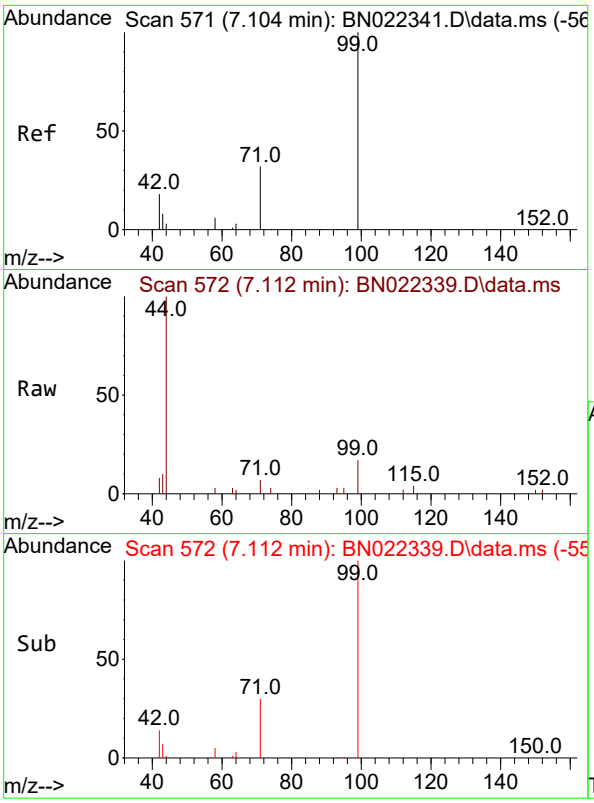


#4
2-Fluorophenol
Concen: 0.114 ng
RT: 5.472 min Scan# 345
Delta R.T. 0.000 min
Lab File: BN022339.D
Acq: 26 Oct 2022 17:38

Tgt Ion:112 Resp: 906

Ion	Ratio	Lower	Upper
112	100		
64	58.8	47.0	70.4
63	32.5	24.5	36.7



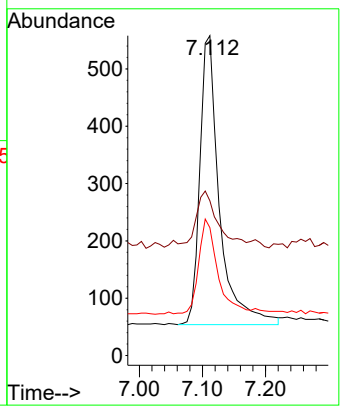


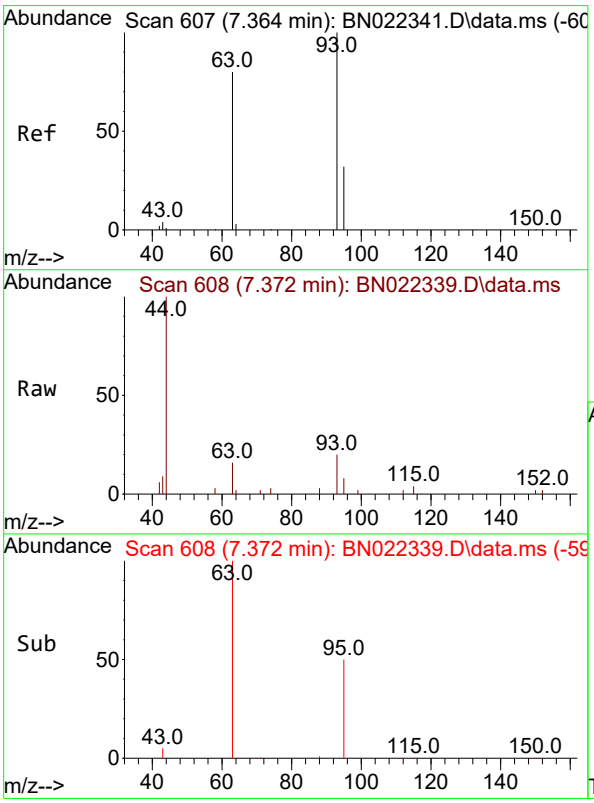
#5
Phenol-d6
Concen: 0.105 ng
RT: 7.112 min Scan# 5
Delta R.T. 0.007 min
Lab File: BN022339.D
Acq: 26 Oct 2022 17:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 99 Resp: 1086

Ion	Ratio	Lower	Upper
99	100		
42	18.3	16.3	24.5
71	31.5	26.1	39.1

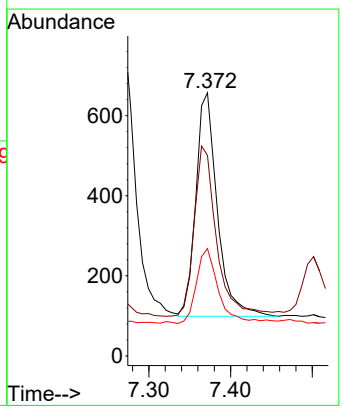


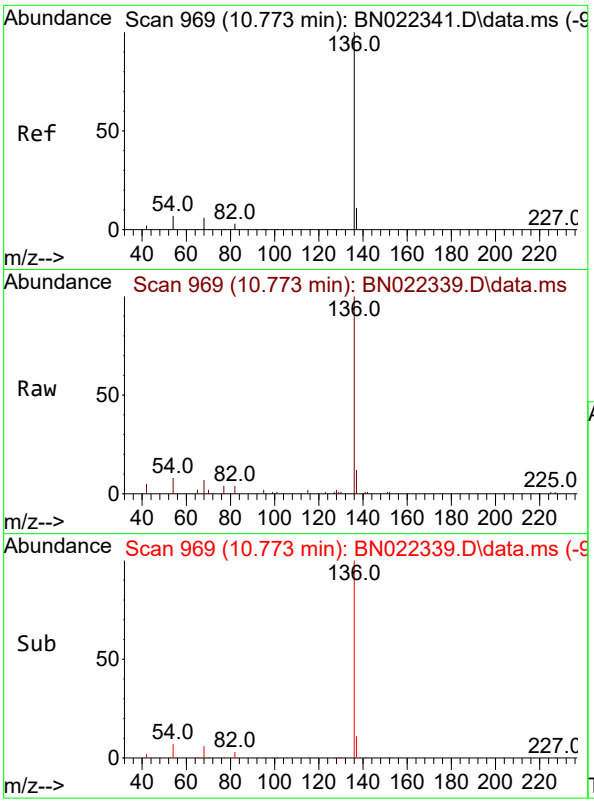


#6
bis(2-Chloroethyl)ether
Concen: 0.093 ng
RT: 7.372 min Scan# 608
Delta R.T. 0.007 min
Lab File: BN022339.D
Acq: 26 Oct 2022 17:38

Tgt Ion: 93 Resp: 1020

Ion	Ratio	Lower	Upper
93	100		
63	79.7	62.6	93.8
95	35.1	26.1	39.1



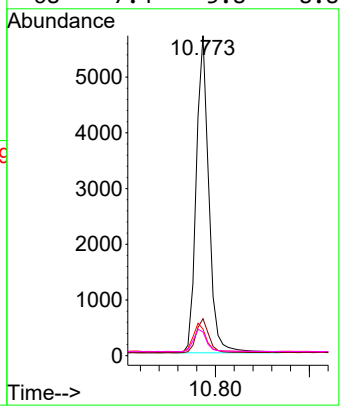


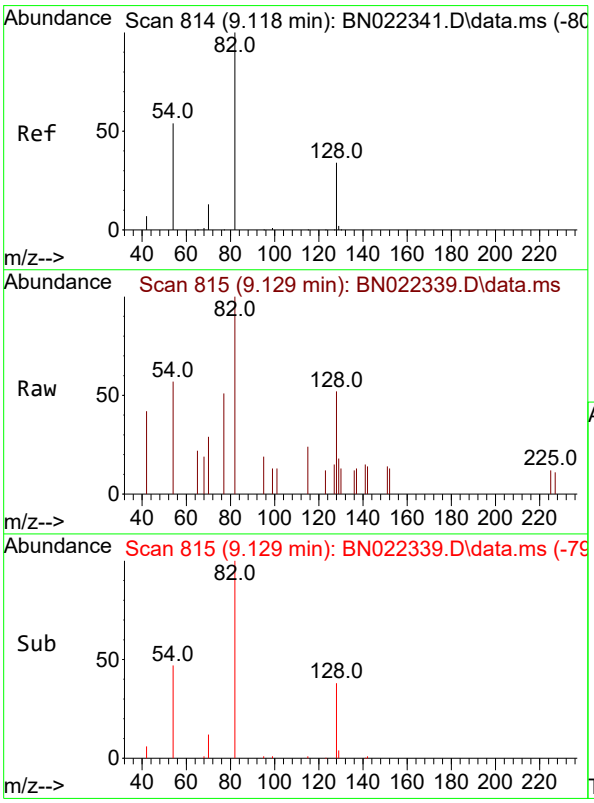
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.773 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN022339.D
Acq: 26 Oct 2022 17:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:136 Resp: 10624

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.4	14.2
54	8.3	6.5	9.7
68	7.4	5.8	8.8

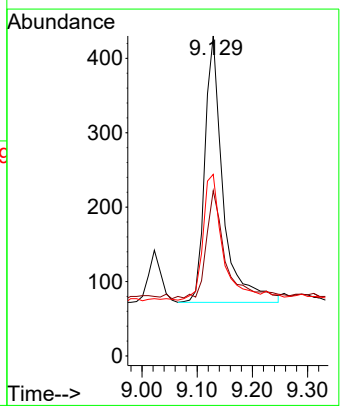


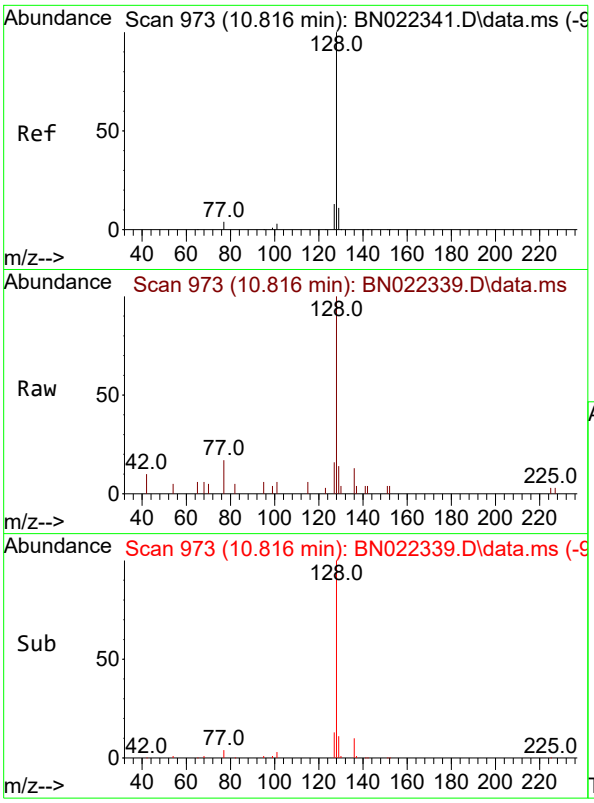


#8
Nitrobenzene-d5
Concen: 0.096 ng
RT: 9.129 min Scan# 815
Delta R.T. 0.011 min
Lab File: BN022339.D
Acq: 26 Oct 2022 17:38

Tgt Ion: 82 Resp: 822

Ion	Ratio	Lower	Upper
82	100		
128	51.6	30.5	45.7#
54	56.7	45.2	67.8



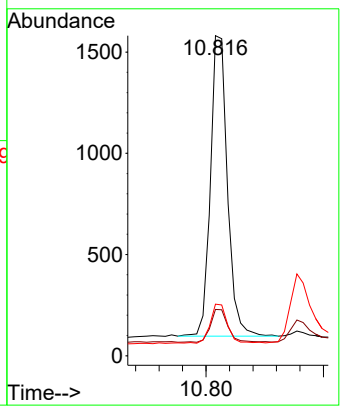


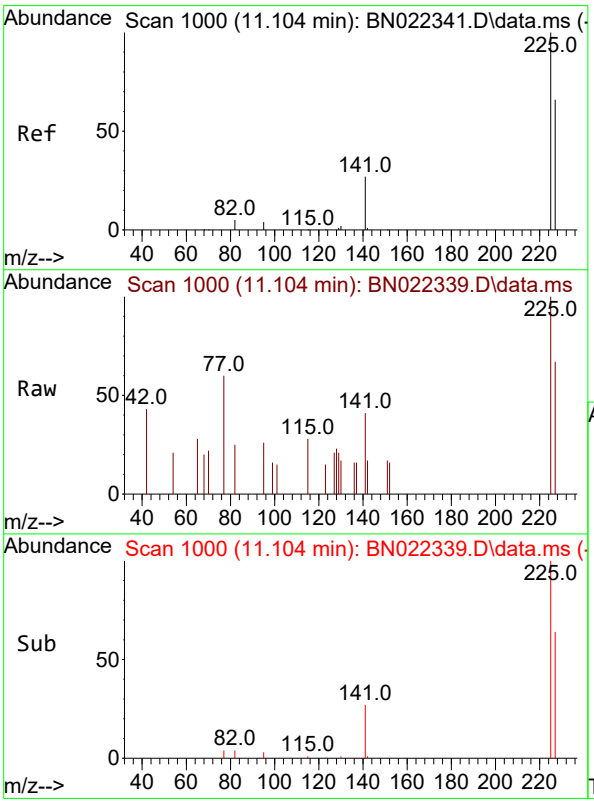
#9
Naphthalene
Concen: 0.093 ng
RT: 10.816 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN022339.D
Acq: 26 Oct 2022 17:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:128 Resp: 2976

Ion	Ratio	Lower	Upper
128	100		
129	14.5	9.4	14.2#
127	16.1	11.0	16.6

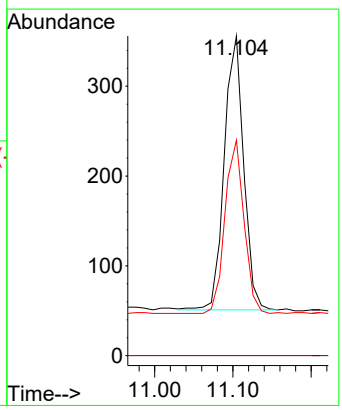


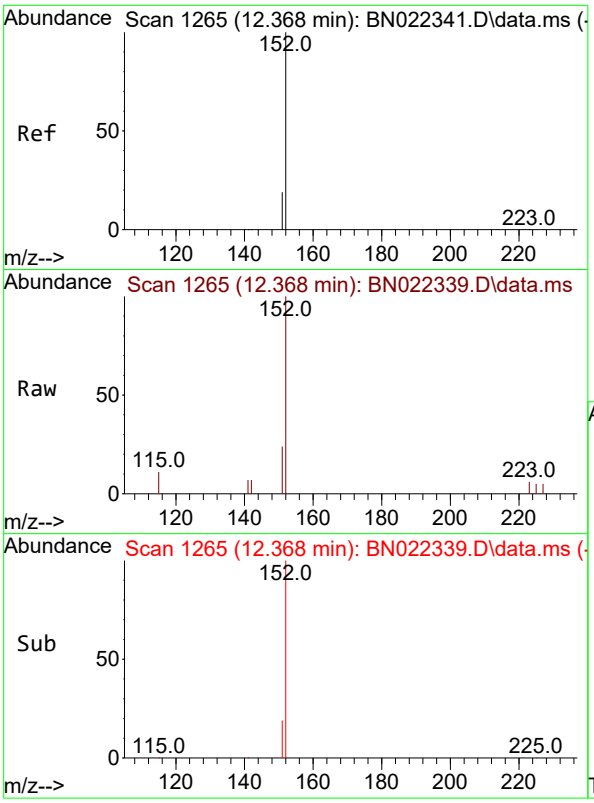


#10
Hexachlorobutadiene
Concen: 0.094 ng
RT: 11.104 min Scan# 1000
Delta R.T. 0.000 min
Lab File: BN022339.D
Acq: 26 Oct 2022 17:38

Tgt Ion:225 Resp: 523

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.1	51.3	76.9



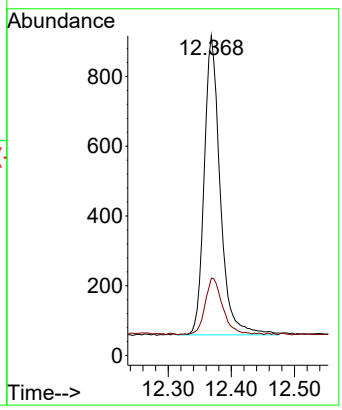


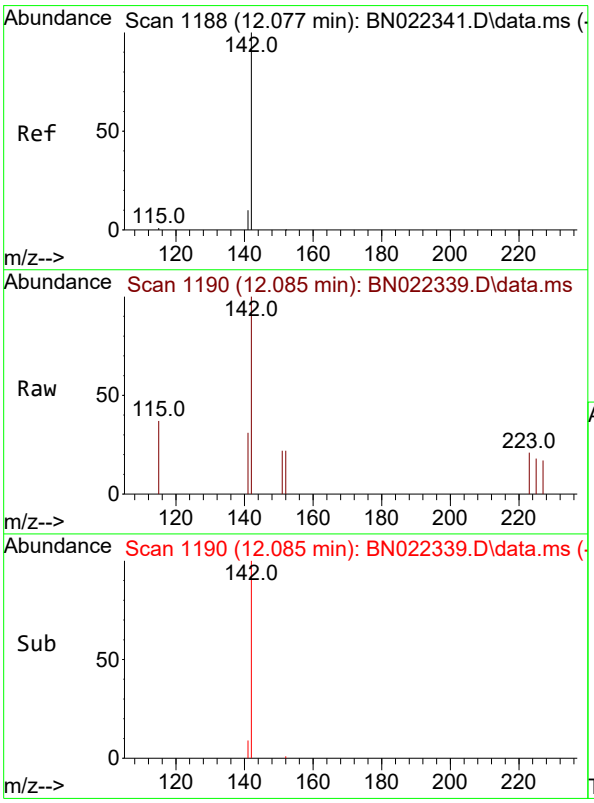
#11
2-Methylnaphthalene-d10
Concen: 0.077 ng
RT: 12.368 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022339.D
Acq: 26 Oct 2022 17:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 1507

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.7	25.1

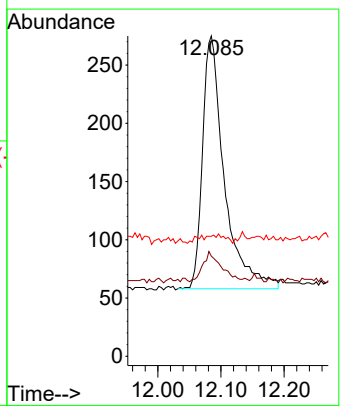


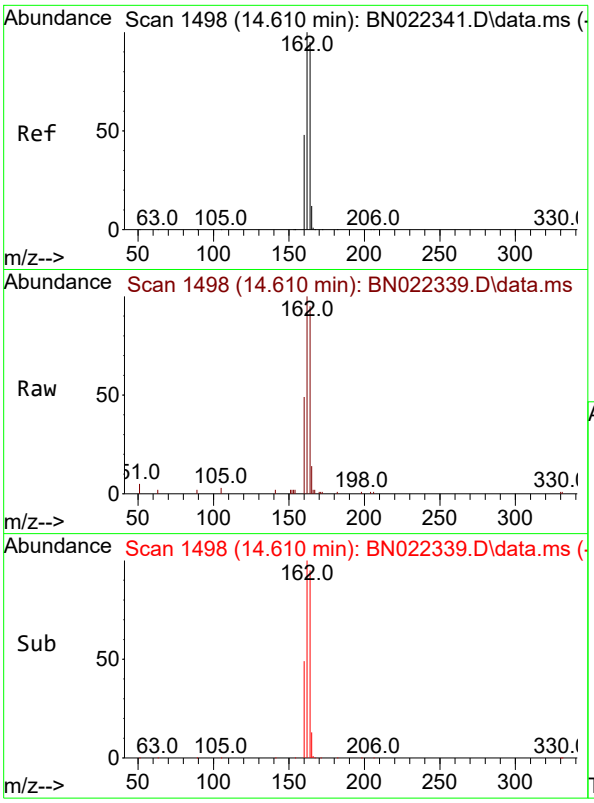


#12
2-Methylnaphthalene
Concen: 0.109 ng
RT: 12.085 min Scan# 1190
Delta R.T. 0.008 min
Lab File: BN022339.D
Acq: 26 Oct 2022 17:38

Tgt Ion:142 Resp: 520

Ion	Ratio	Lower	Upper
142	100		
141	31.3	13.0	19.4#
115	37.5	9.1	13.7#



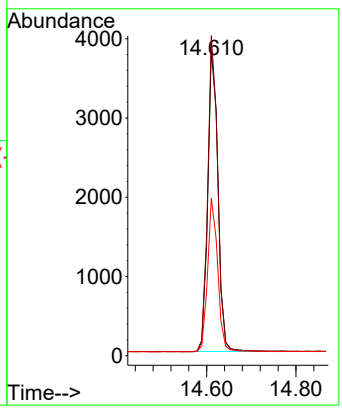


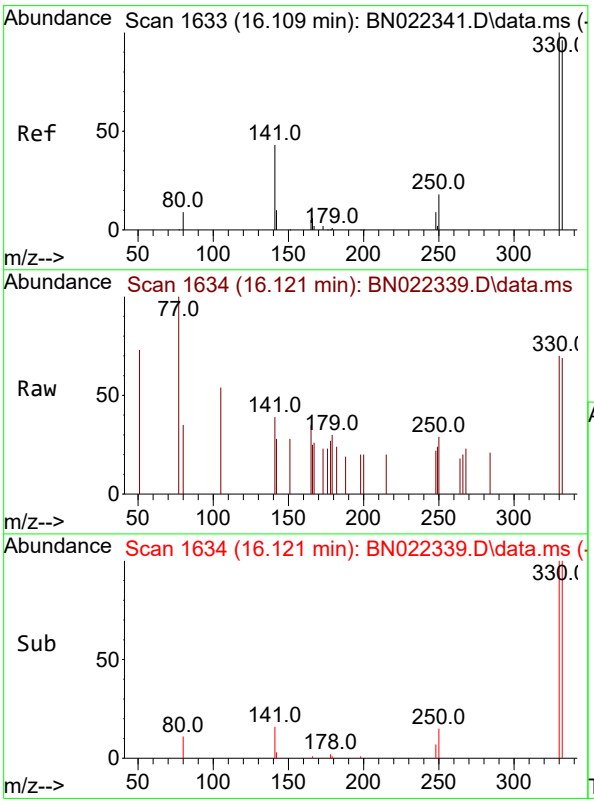
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.610 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN022339.D
Acq: 26 Oct 2022 17:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:164 Resp: 5995

Ion	Ratio	Lower	Upper
164	100		
162	104.7	83.9	125.9
160	51.6	41.0	61.4

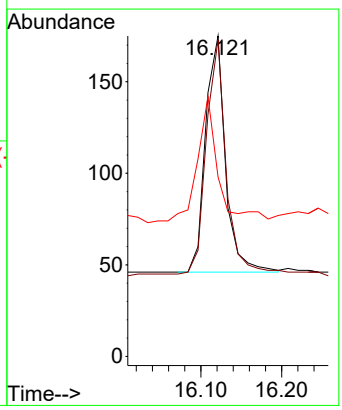


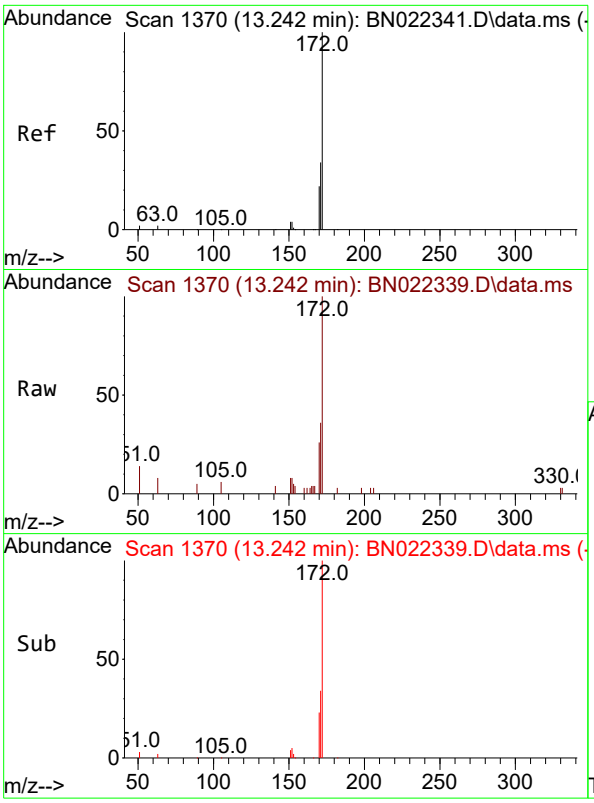


#14
2,4,6-Tribromophenol
Concen: 0.097 ng
RT: 16.121 min Scan# 1634
Delta R.T. 0.013 min
Lab File: BN022339.D
Acq: 26 Oct 2022 17:38

Tgt Ion:330 Resp: 221

Ion	Ratio	Lower	Upper
330	100		
332	99.1	78.6	118.0
141	56.6	40.2	60.4



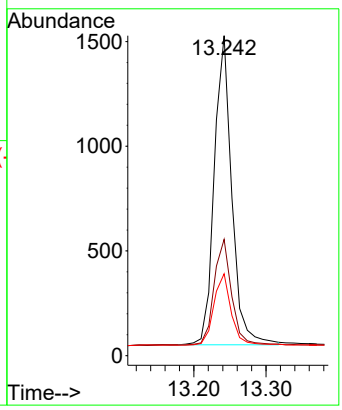


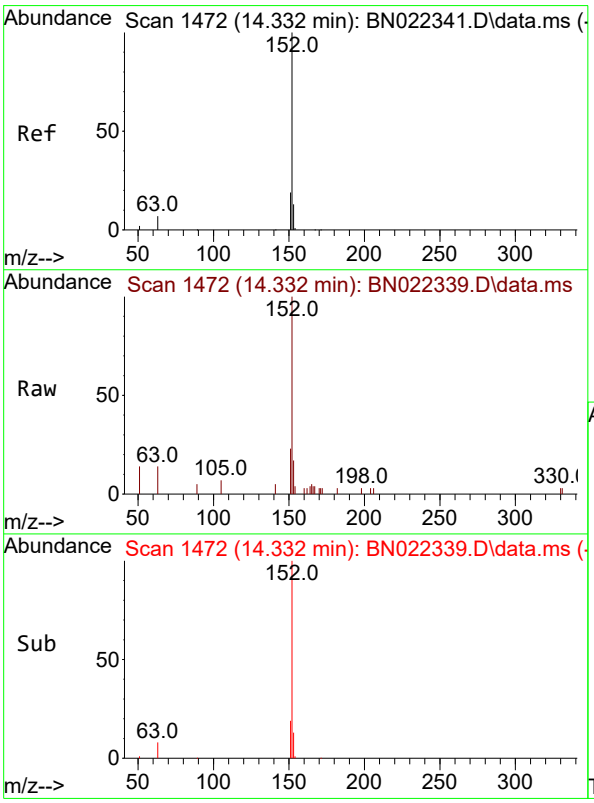
#15
2-Fluorobiphenyl
Concen: 0.095 ng
RT: 13.242 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022339.D
Acq: 26 Oct 2022 17:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:172 Resp: 2489

Ion	Ratio	Lower	Upper
172	100		
171	36.3	27.4	41.0
170	25.6	18.5	27.7

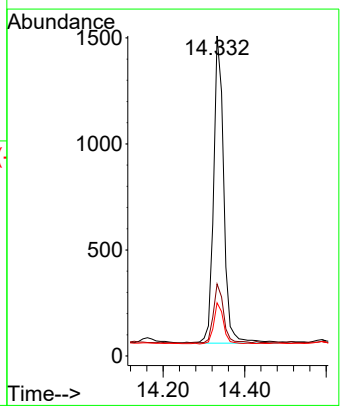


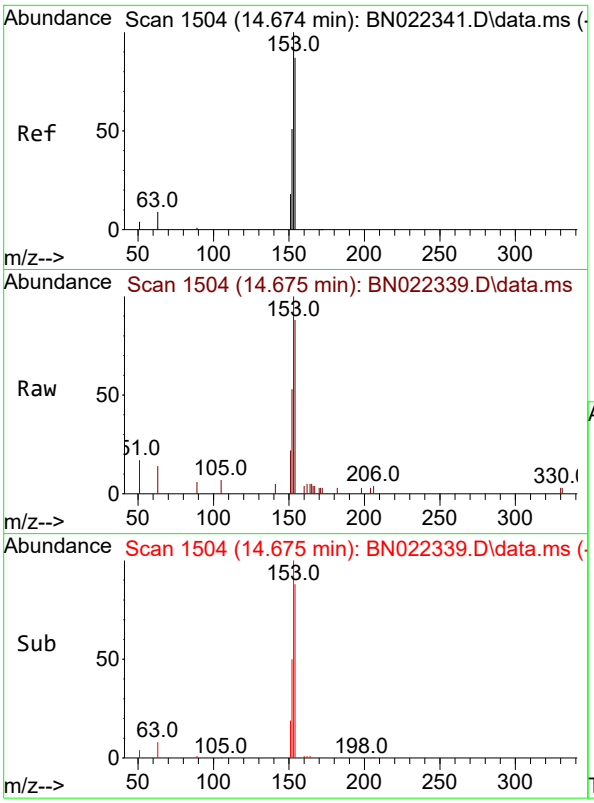


#16
Acenaphthylene
Concen: 0.088 ng
RT: 14.332 min Scan# 1472
Delta R.T. 0.000 min
Lab File: BN022339.D
Acq: 26 Oct 2022 17:38

Tgt Ion:152 Resp: 2502

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.2	22.8
153	12.7	10.3	15.5



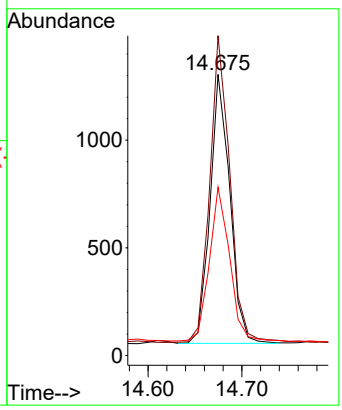


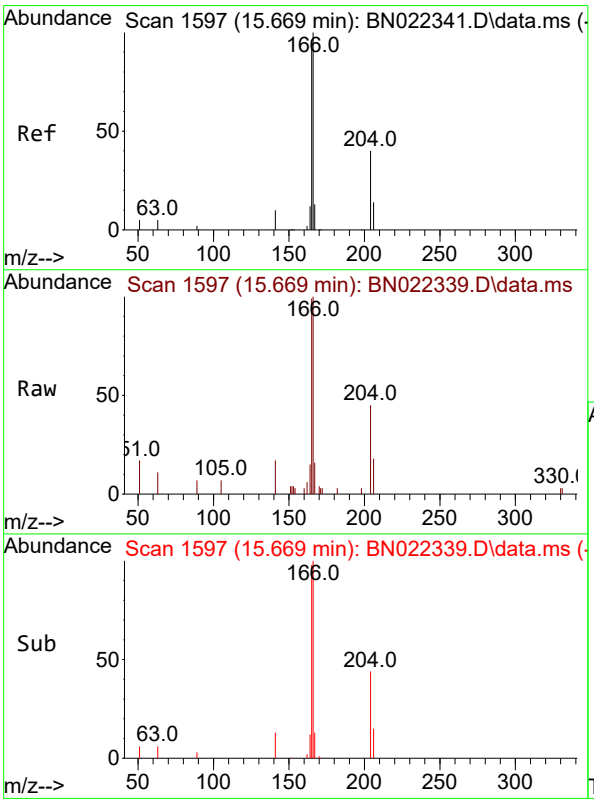
#17
Acenaphthene
Concen: 0.091 ng
RT: 14.675 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022339.D
Acq: 26 Oct 2022 17:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:154 Resp: 1826

Ion	Ratio	Lower	Upper
154	100		
153	116.6	92.2	138.2
152	59.3	47.6	71.4

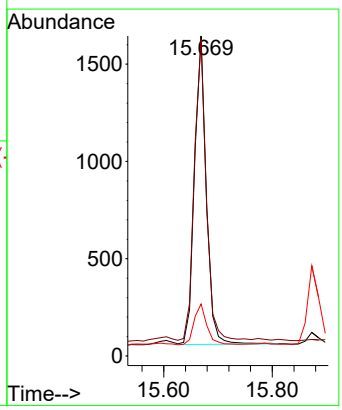


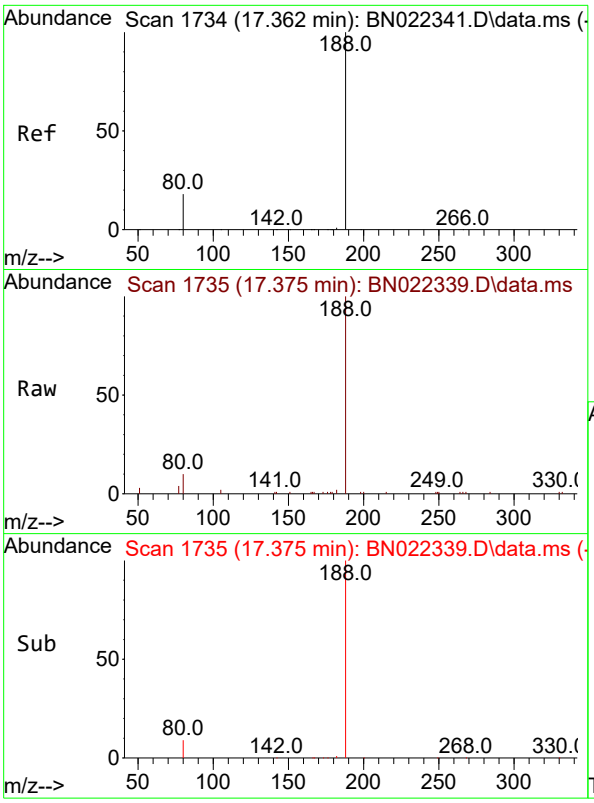


#18
Fluorene
Concen: 0.107 ng
RT: 15.669 min Scan# 1597
Delta R.T. 0.000 min
Lab File: BN022339.D
Acq: 26 Oct 2022 17:38

Tgt Ion:166 Resp: 2589

Ion	Ratio	Lower	Upper
166	100		
165	96.1	78.6	118.0
167	13.7	10.2	15.4



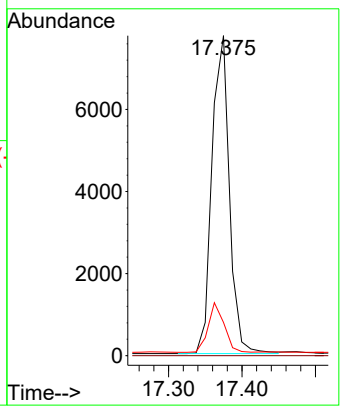


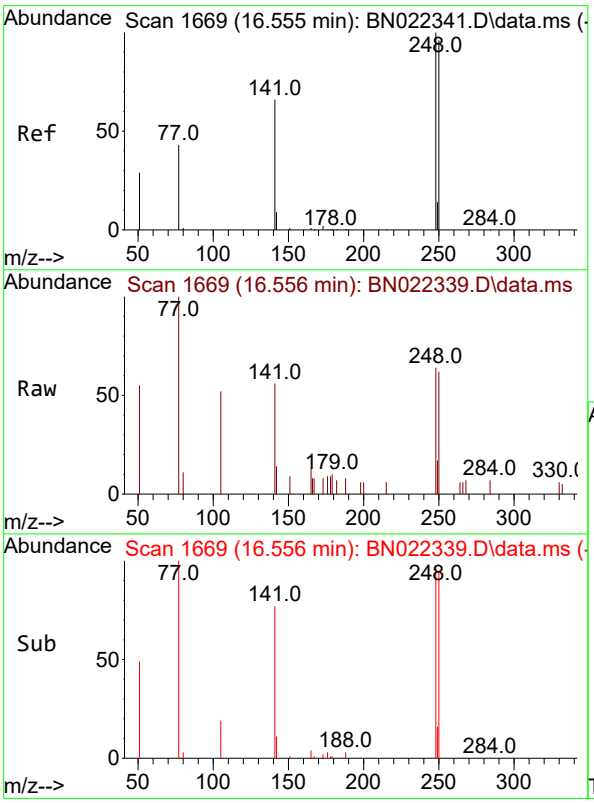
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.375 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN022339.D
Acq: 26 Oct 2022 17:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:188 Resp: 12812

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.4	15.0	22.6#

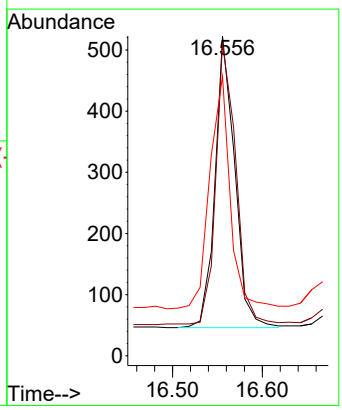


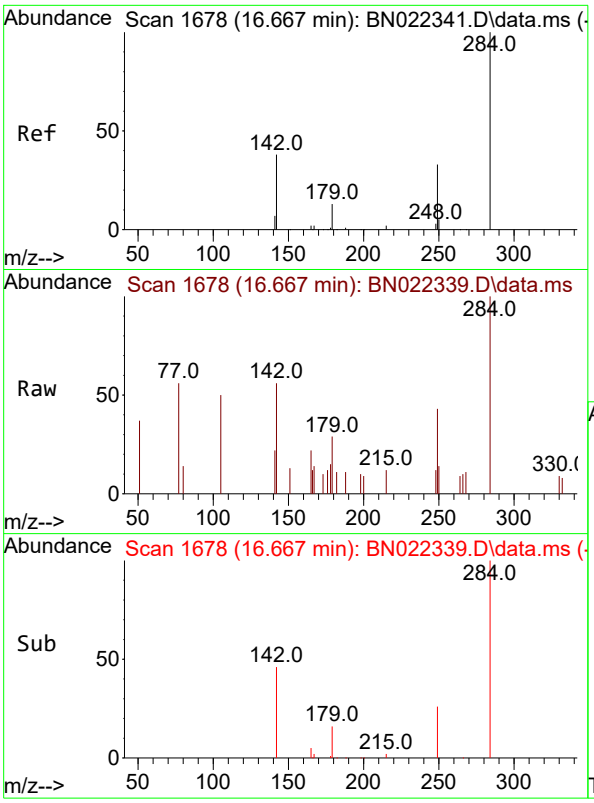


#21
4-Bromophenyl-phenylether
Concen: 0.093 ng
RT: 16.556 min Scan# 1669
Delta R.T. 0.000 min
Lab File: BN022339.D
Acq: 26 Oct 2022 17:38

Tgt Ion:248 Resp: 728

Ion	Ratio	Lower	Upper
248	100		
250	97.7	77.5	116.3
141	87.4	54.5	81.7#



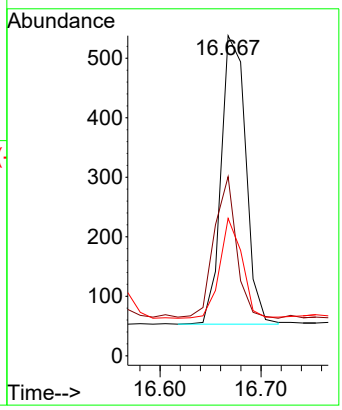


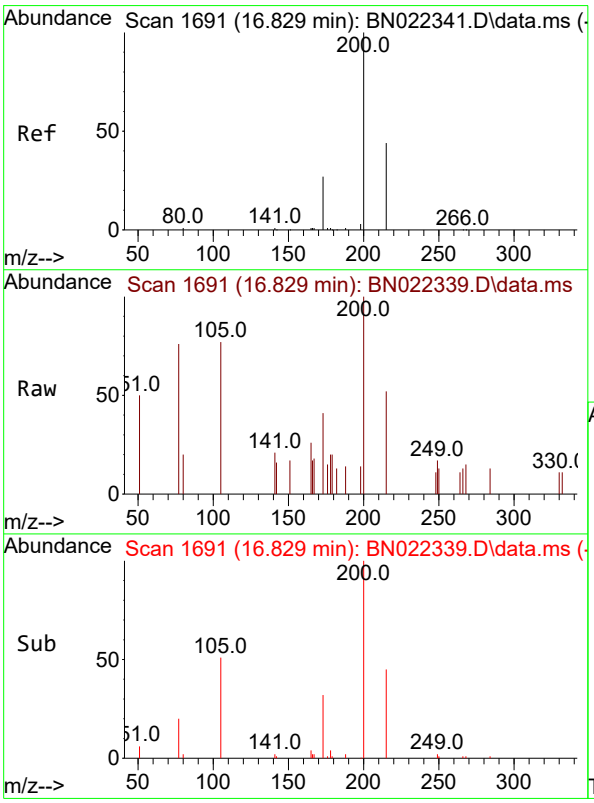
#22
Hexachlorobenzene
Concen: 0.085 ng
RT: 16.667 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN022339.D
Acq: 26 Oct 2022 17:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:284 Resp: 824

Ion	Ratio	Lower	Upper
284	100		
142	44.5	33.8	50.8
249	31.7	25.5	38.3

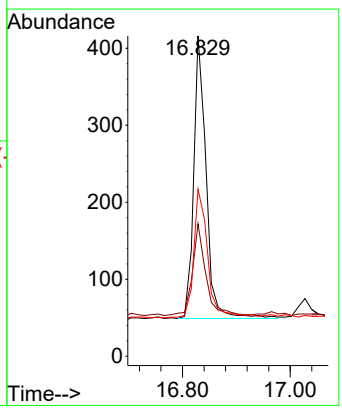


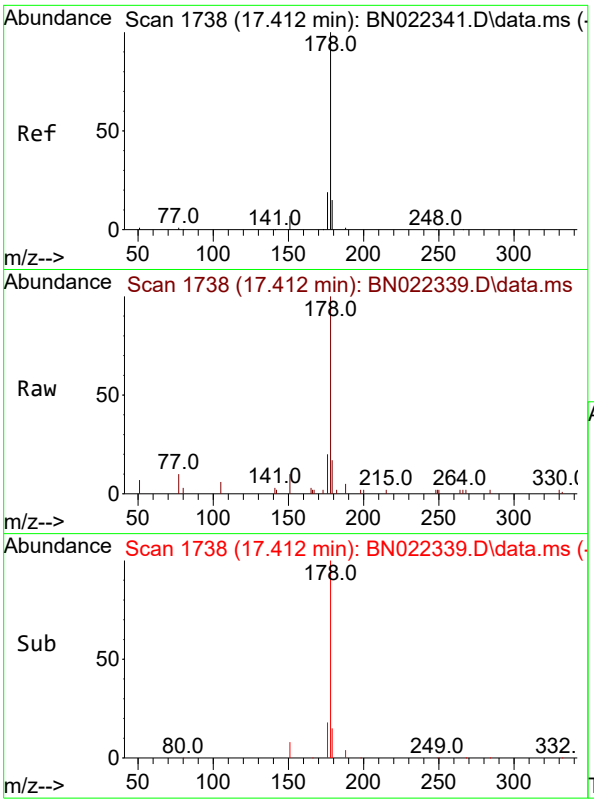


#23
Atrazine
Concen: 0.102 ng
RT: 16.829 min Scan# 1691
Delta R.T. 0.000 min
Lab File: BN022339.D
Acq: 26 Oct 2022 17:38

Tgt Ion:200 Resp: 591

Ion	Ratio	Lower	Upper
200	100		
173	41.3	23.7	35.5#
215	52.2	36.6	55.0



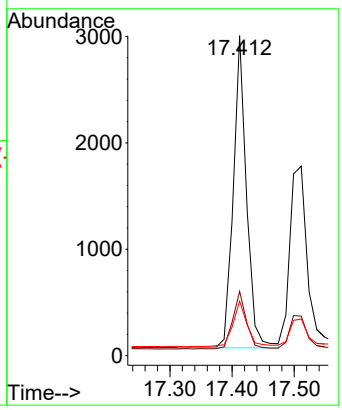


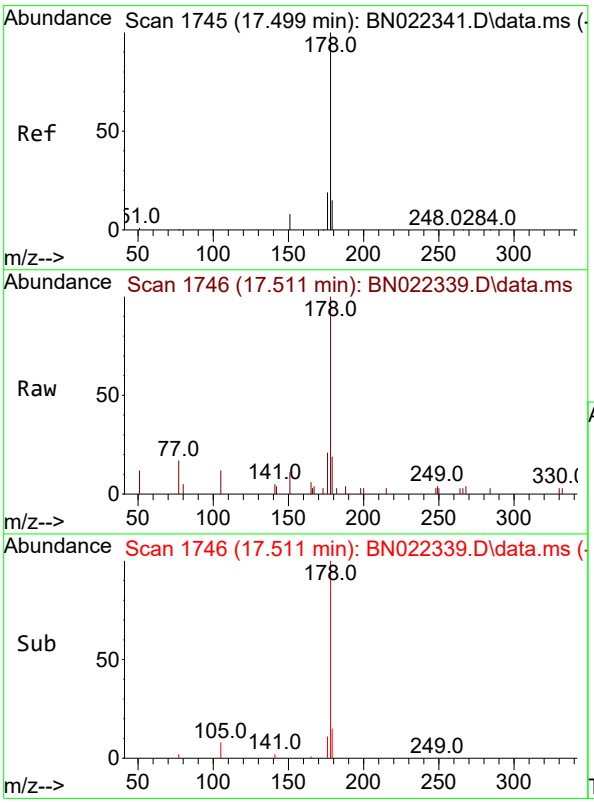
#25
Phenanthrene
Concen: 0.099 ng
RT: 17.412 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022339.D
Acq: 26 Oct 2022 17:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 4343

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.3	22.9
179	15.7	12.5	18.7

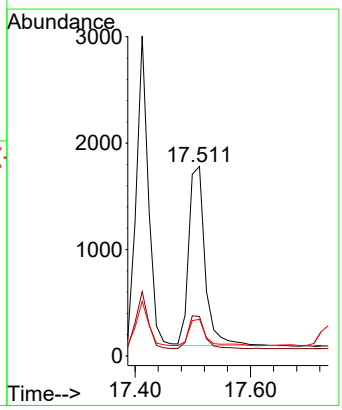


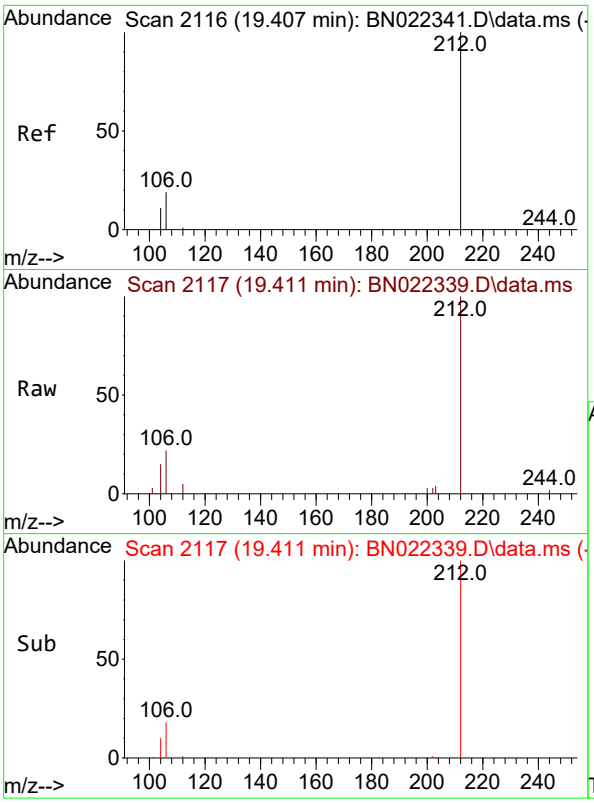


#26
Anthracene
Concen: 0.094 ng
RT: 17.511 min Scan# 1746
Delta R.T. 0.013 min
Lab File: BN022339.D
Acq: 26 Oct 2022 17:38

Tgt Ion:178 Resp: 3307

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.0	22.4
179	15.1	12.2	18.4



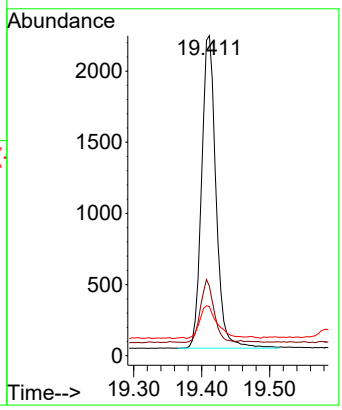


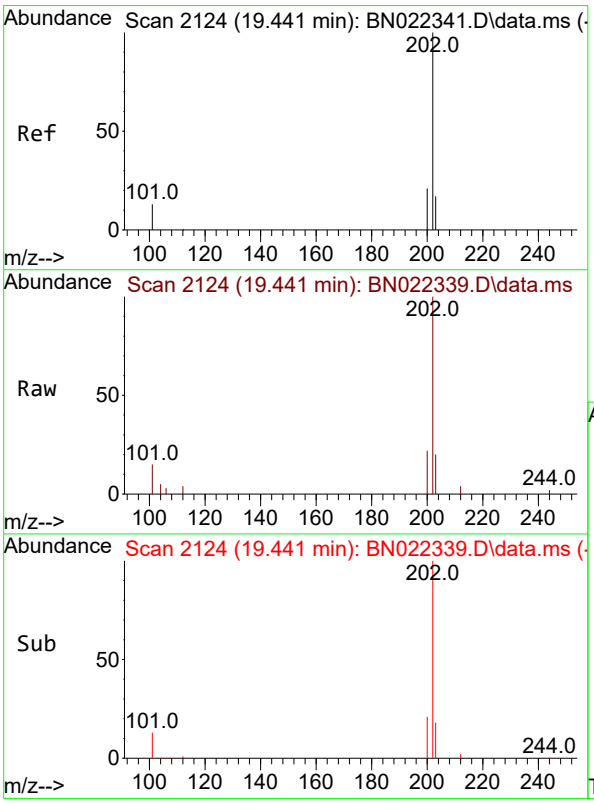
#27
Fluoranthene-d10
Concen: 0.095 ng
RT: 19.411 min Scan# 21
Delta R.T. 0.004 min
Lab File: BN022339.D
Acq: 26 Oct 2022 17:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:212 Resp: 3224

Ion	Ratio	Lower	Upper
212	100		
106	18.7	15.0	22.4
104	12.9	9.3	13.9

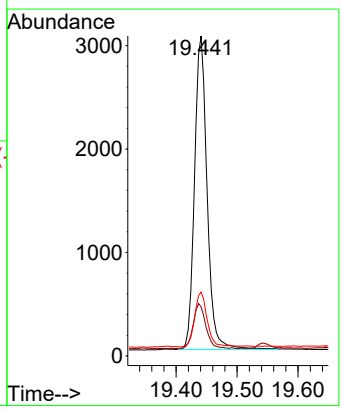


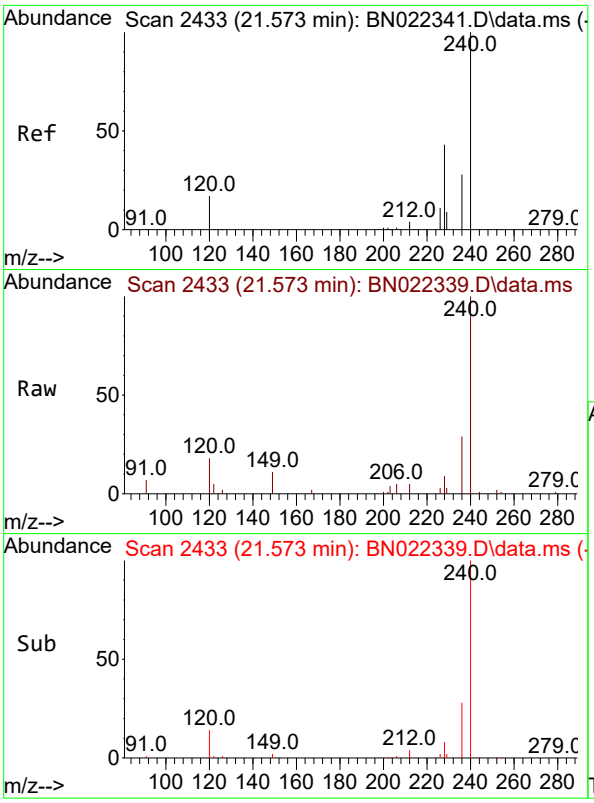


#28
Fluoranthene
Concen: 0.092 ng
RT: 19.441 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BN022339.D
Acq: 26 Oct 2022 17:38

Tgt Ion:202 Resp: 4354

Ion	Ratio	Lower	Upper
202	100		
101	14.2	11.4	17.0
203	17.4	13.7	20.5



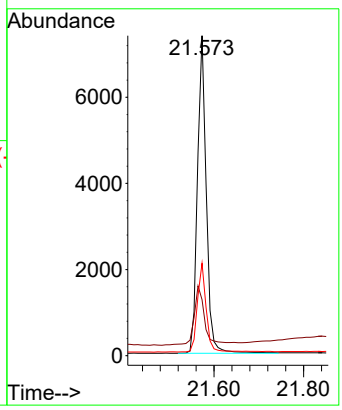


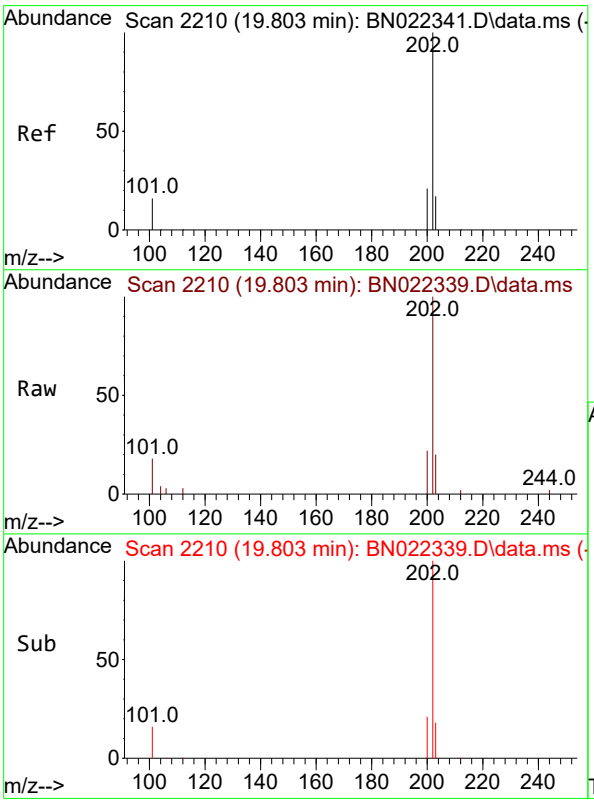
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.573 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN022339.D
Acq: 26 Oct 2022 17:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:240 Resp: 10113

Ion	Ratio	Lower	Upper
240	100		
120	17.5	15.8	23.6
236	28.9	23.2	34.8

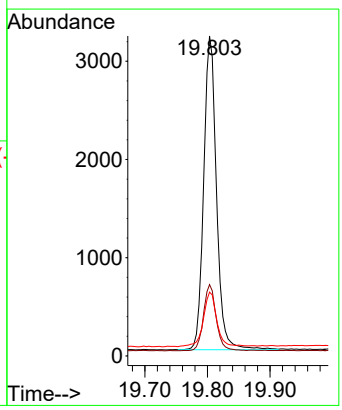


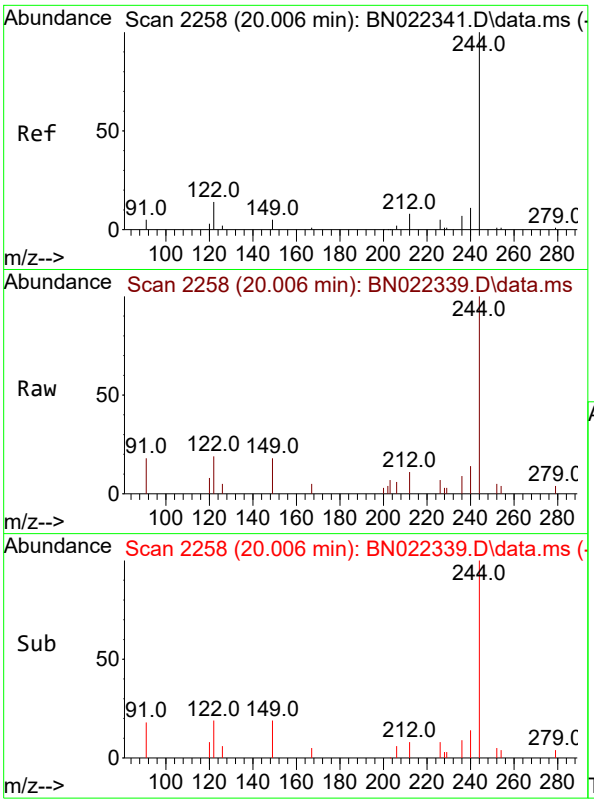


#30
Pyrene
Concen: 0.102 ng
RT: 19.803 min Scan# 2210
Delta R.T. 0.000 min
Lab File: BN022339.D
Acq: 26 Oct 2022 17:38

Tgt Ion:202 Resp: 4521

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.8	25.2
203	18.0	14.2	21.2



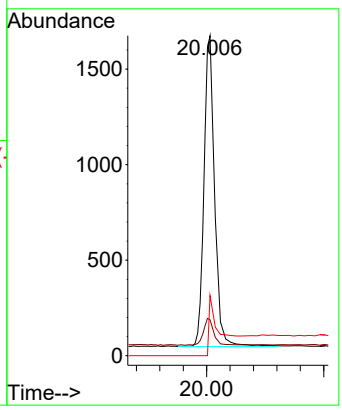


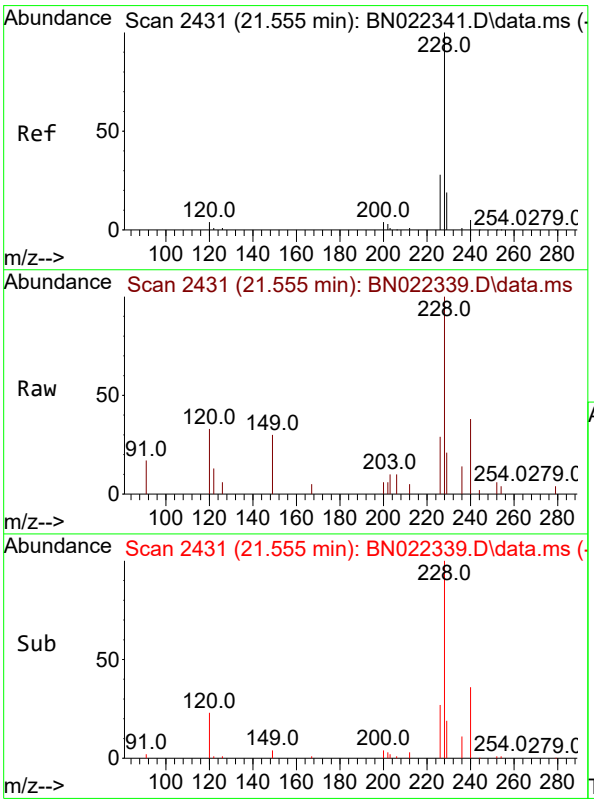
#31
Terphenyl-d14
Concen: 0.119 ng
RT: 20.006 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN022339.D
Acq: 26 Oct 2022 17:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:244 Resp: 2429

Ion	Ratio	Lower	Upper
244	100		
212	11.2	7.0	10.4#
122	18.8	11.5	17.3#

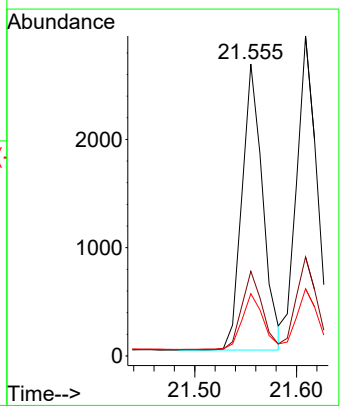


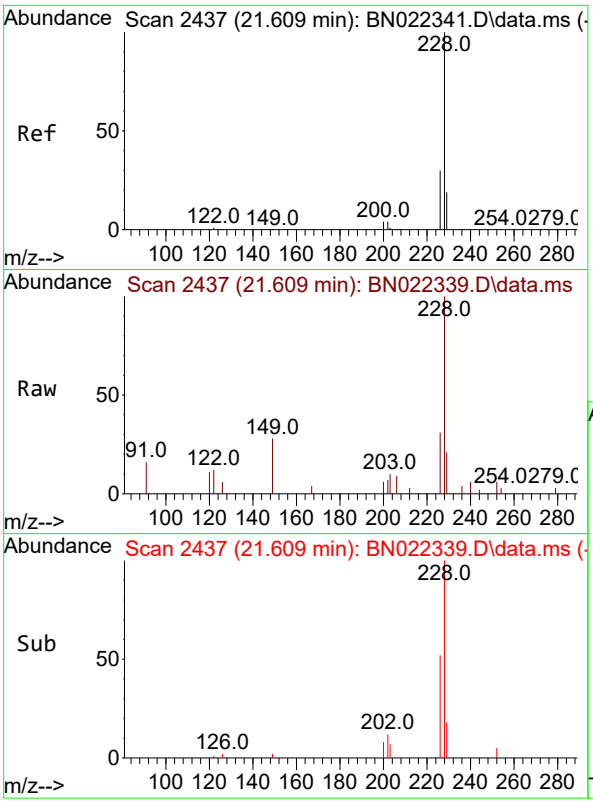


#32
Benzo(a)anthracene
Concen: 0.098 ng
RT: 21.555 min Scan# 2431
Delta R.T. 0.000 min
Lab File: BN022339.D
Acq: 26 Oct 2022 17:38

Tgt Ion:228 Resp: 3733

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.6	34.0
229	21.3	15.5	23.3



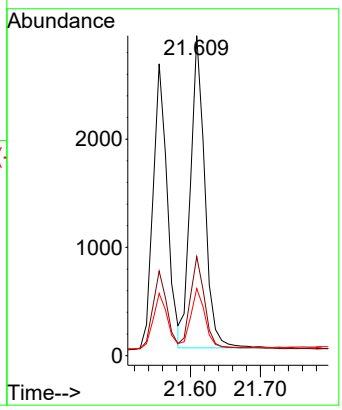


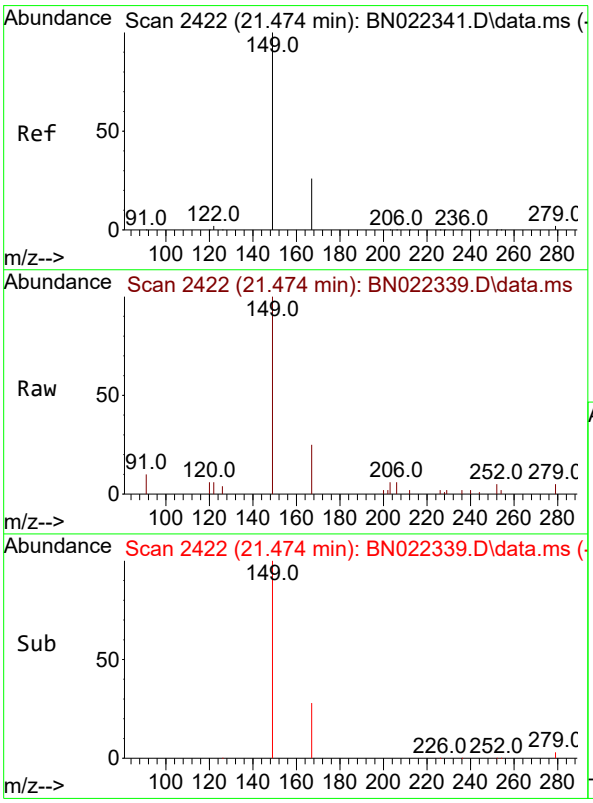
#33
Chrysene
Concen: 0.097 ng
RT: 21.609 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN022339.D
Acq: 26 Oct 2022 17:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 4073

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.5	36.7
229	21.0	15.6	23.4

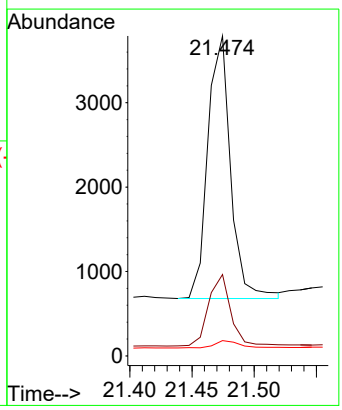


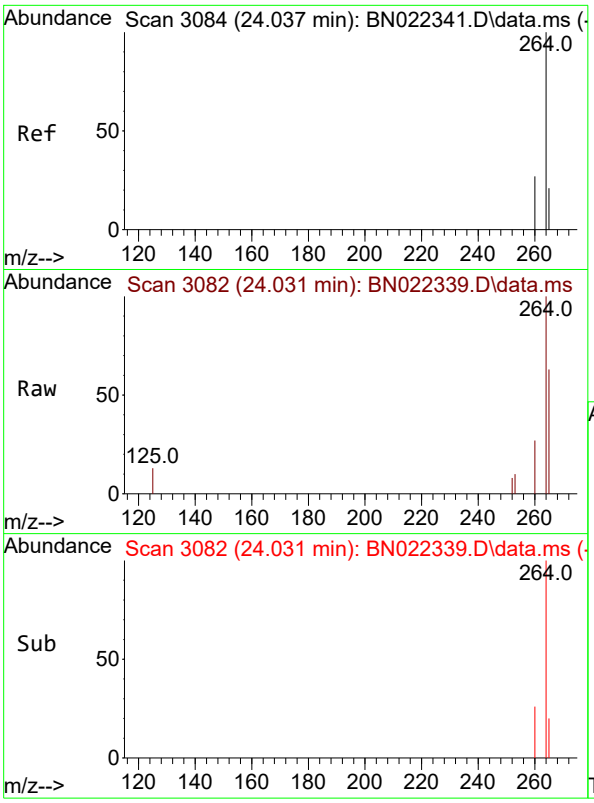


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.218 ng
RT: 21.474 min Scan# 2422
Delta R.T. 0.000 min
Lab File: BN022339.D
Acq: 26 Oct 2022 17:38

Tgt Ion:149 Resp: 3982

Ion	Ratio	Lower	Upper
149	100		
167	27.0	20.2	30.4
279	3.4	2.3	3.5



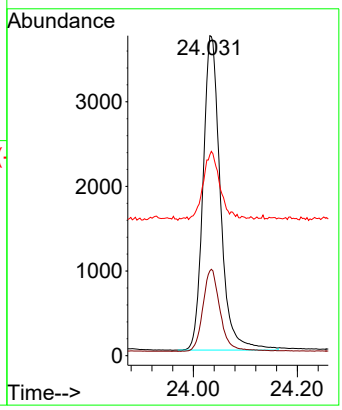


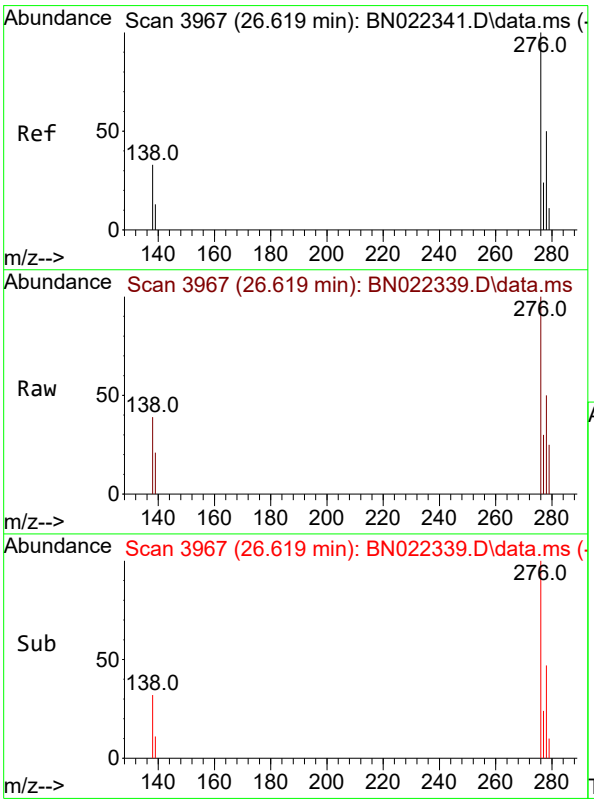
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.031 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN022339.D
Acq: 26 Oct 2022 17:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:264 Resp: 8590

Ion	Ratio	Lower	Upper
264	100		
260	26.5	22.1	33.1
265	62.8	53.0	79.4

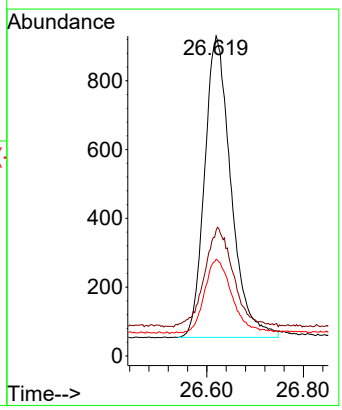


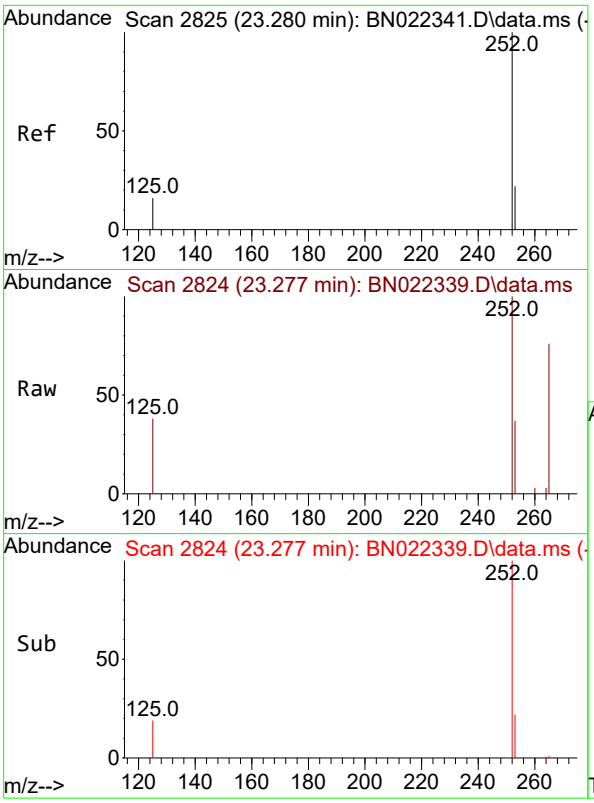


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.076 ng
RT: 26.619 min Scan# 3967
Delta R.T. 0.000 min
Lab File: BN022339.D
Acq: 26 Oct 2022 17:38

Tgt Ion:276 Resp: 3317

Ion	Ratio	Lower	Upper
276	100		
138	35.5	28.2	42.2
277	24.7	19.7	29.5



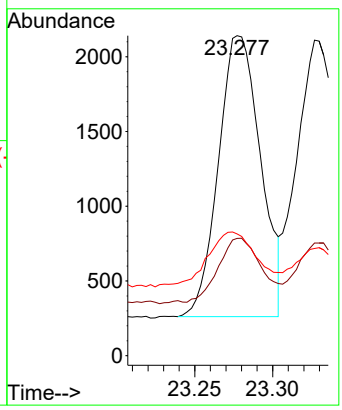


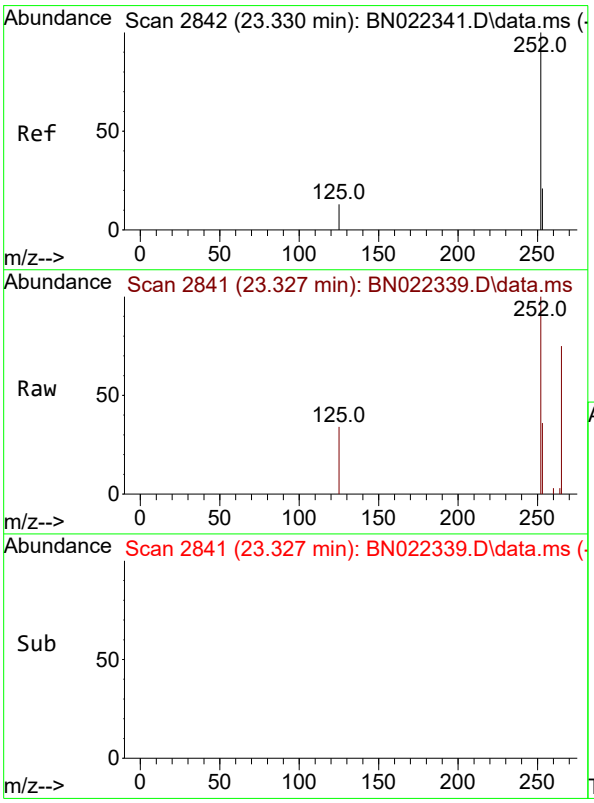
#37
Benzo(b)fluoranthene
Concen: 0.087 ng
RT: 23.277 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN022339.D
Acq: 26 Oct 2022 17:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 3542

Ion	Ratio	Lower	Upper
252	100		
253	36.7	20.4	30.6#
125	38.1	16.6	25.0#

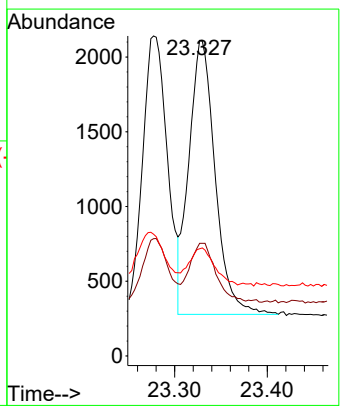


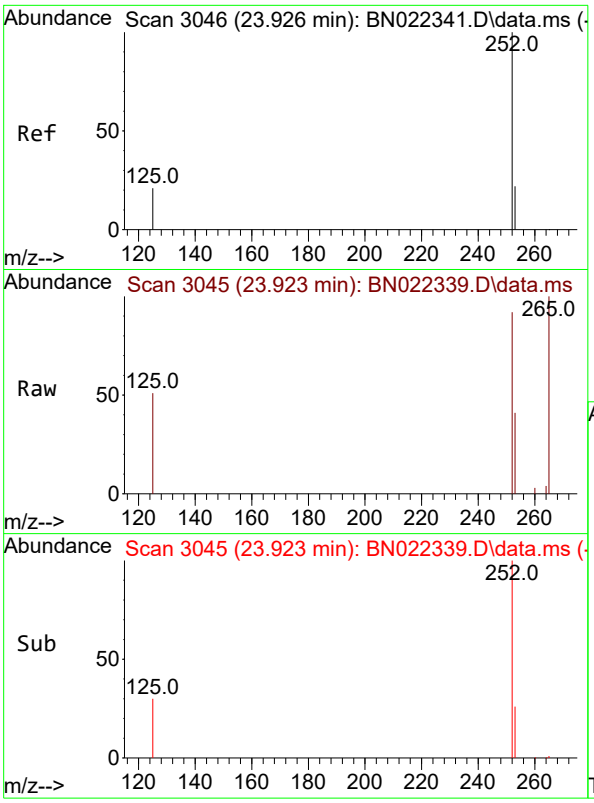


#38
Benzo(k)fluoranthene
Concen: 0.089 ng
RT: 23.327 min Scan# 2841
Delta R.T. -0.003 min
Lab File: BN022339.D
Acq: 26 Oct 2022 17:38

Tgt Ion:252 Resp: 3618

Ion	Ratio	Lower	Upper
252	100		
253	35.7	19.8	29.8#
125	34.0	15.0	22.6#



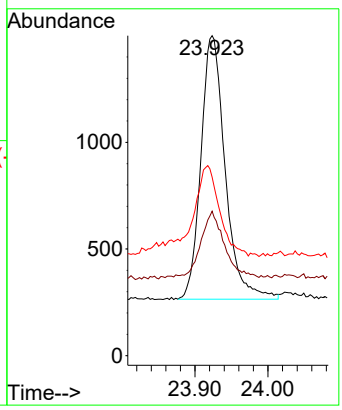


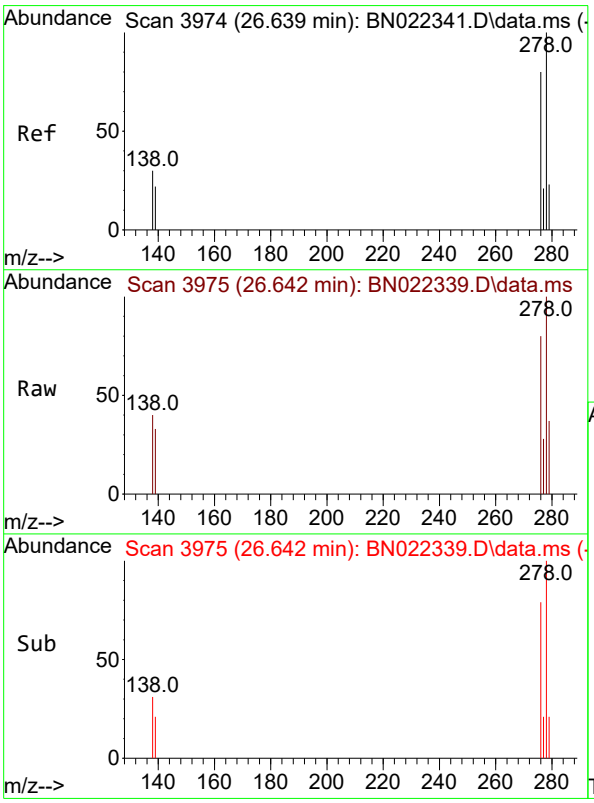
#39
Benzo(a)pyrene
Concen: 0.092 ng
RT: 23.923 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN022339.D
Acq: 26 Oct 2022 17:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 2855

Ion	Ratio	Lower	Upper
252	100		
253	45.1	21.9	32.9#
125	55.8	22.9	34.3#

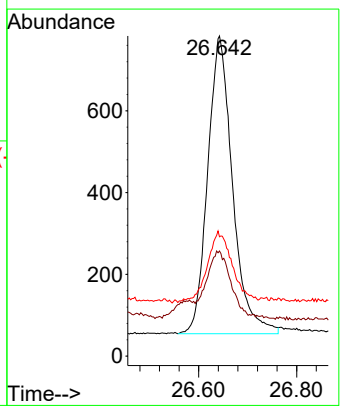


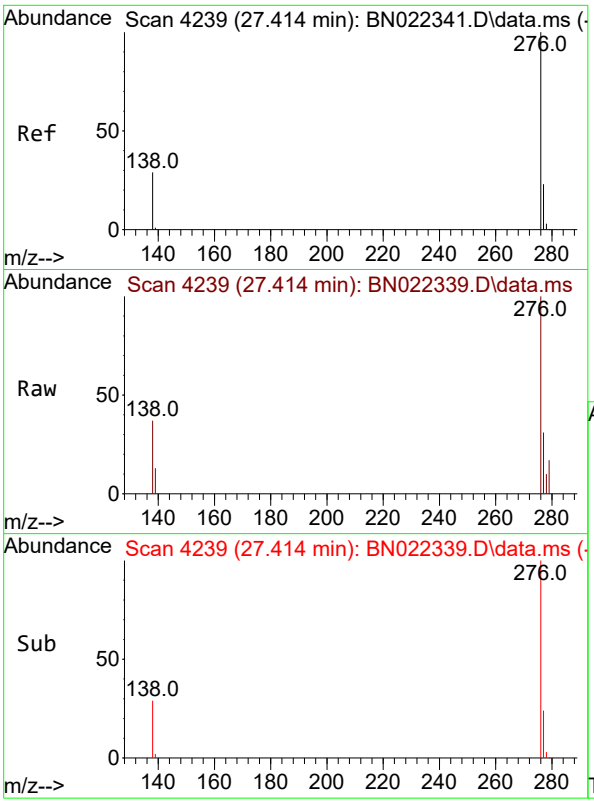


#40
Dibenzo(a,h)anthracene
Concen: 0.074 ng
RT: 26.642 min Scan# 3975
Delta R.T. 0.003 min
Lab File: BN022339.D
Acq: 26 Oct 2022 17:38

Tgt Ion:278 Resp: 2562

Ion	Ratio	Lower	Upper
278	100		
139	32.8	20.2	30.2#
279	37.3	21.0	31.4#





#41
Benzo(g,h,i)perylene
Concen: 0.076 ng
RT: 27.414 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN022339.D
Acq: 26 Oct 2022 17:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 2846

Ion	Ratio	Lower	Upper
276	100		
277	31.0	19.5	29.3#
138	37.4	25.0	37.4