Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093022\
Data File : BN021968.D
Acq On : 30 Sep 2022 15:22
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Sep 30 16:02:47 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN093022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 30 15:59:43 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.989	152	4466	0.400	ng	0.00
7) Naphthalene-d8	10.823	136	12594	0.400	ng	# 0.00
13) Acenaphthene-d10	14.654	164	7090	0.400	ng	0.00
19) Phenanthrene-d10	17.412	188	14078	0.400	ng	# 0.00
29) Chrysene-d12	21.609	240	12447	0.400	ng	0.00
35) Perylene-d12	24.091	264	9039	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.512	112	52210	4.393	ng	0.00
5) Phenol-d6	7.144	99	70147	4.671	ng	0.00
8) Nitrobenzene-d5	9.158	82	55844	5.306	ng	-0.01
11) 2-Methylnaphthalene-d10	12.410	152	119651	4.404	ng	0.00
14) 2,4,6-Tribromophenol	16.146	330	17769	5.847	ng	0.00
15) 2-Fluorobiphenyl	13.274	172	147042	4.690	ng	-0.01
27) Fluoranthene-d10	19.446	212	197750	5.189	ng	0.00
31) Terphenyl-d14	20.042	244	120228	4.373	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.324	88	25573	4.039	ng	96
3) n-Nitrosodimethylamine	3.656	42	30338	4.744	ng	# 99
6) bis(2-Chloroethyl)ether	7.404	93	67365	4.598	ng	99
9) Naphthalene	10.866	128	183304	4.834	ng	99
10) Hexachlorobutadiene	11.154	225	30393	4.611	ng	# 99
12) 2-Methylnaphthalene	12.112	142	42981	5.762	ng	# 82
16) Acenaphthylene	14.376	152	189692	5.756	ng	100
17) Acenaphthene	14.718	154	118125	5.015	ng	99
18) Fluorene	15.701	166	136555	4.625	ng	97
21) 4-Bromophenyl-phenylether	16.593	248	44847	5.049	ng	# 81
22) Hexachlorobenzene	16.705	284	51147	4.958	ng	99
23) Atrazine	16.866	200	39035	5.352	ng	# 93
24) Pentachlorophenol	17.052	266	25573	7.138	ng	97
25) Phenanthrene	17.450	178	247596	5.137	ng	99
26) Anthracene	17.537	178	220105	5.594	ng	100
28) Fluoranthene	19.475	202	268461	5.187	ng	99
30) Pyrene	19.838	202	270178	4.695	ng	98
32) Benzo(a)anthracene	21.592	228	245505	5.088	ng	99
33) Chrysene	21.645	228	245265	4.863	ng	99
34) Bis(2-ethylhexyl)phtha...	21.511	149	128894	4.450	ng	99
36) Indeno(1,2,3-cd)pyrene	26.693	276	224678	4.695	ng	100
37) Benzo(b)fluoranthene	23.325	252	220871	5.253	ng	# 89
38) Benzo(k)fluoranthene	23.377	252	217604	5.305	ng	# 88
39) Benzo(a)pyrene	23.977	252	171781	5.353	ng	# 83
40) Dibenzo(a,h)anthracene	26.713	278	179129	4.689	ng	94
41) Benzo(g,h,i)perylene	27.497	276	183973	4.415	ng	97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093022\
Data File : BN021968.D
Acq On : 30 Sep 2022 15:22
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Misc :
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Instrument :
BNA_N
ClientSampleId :
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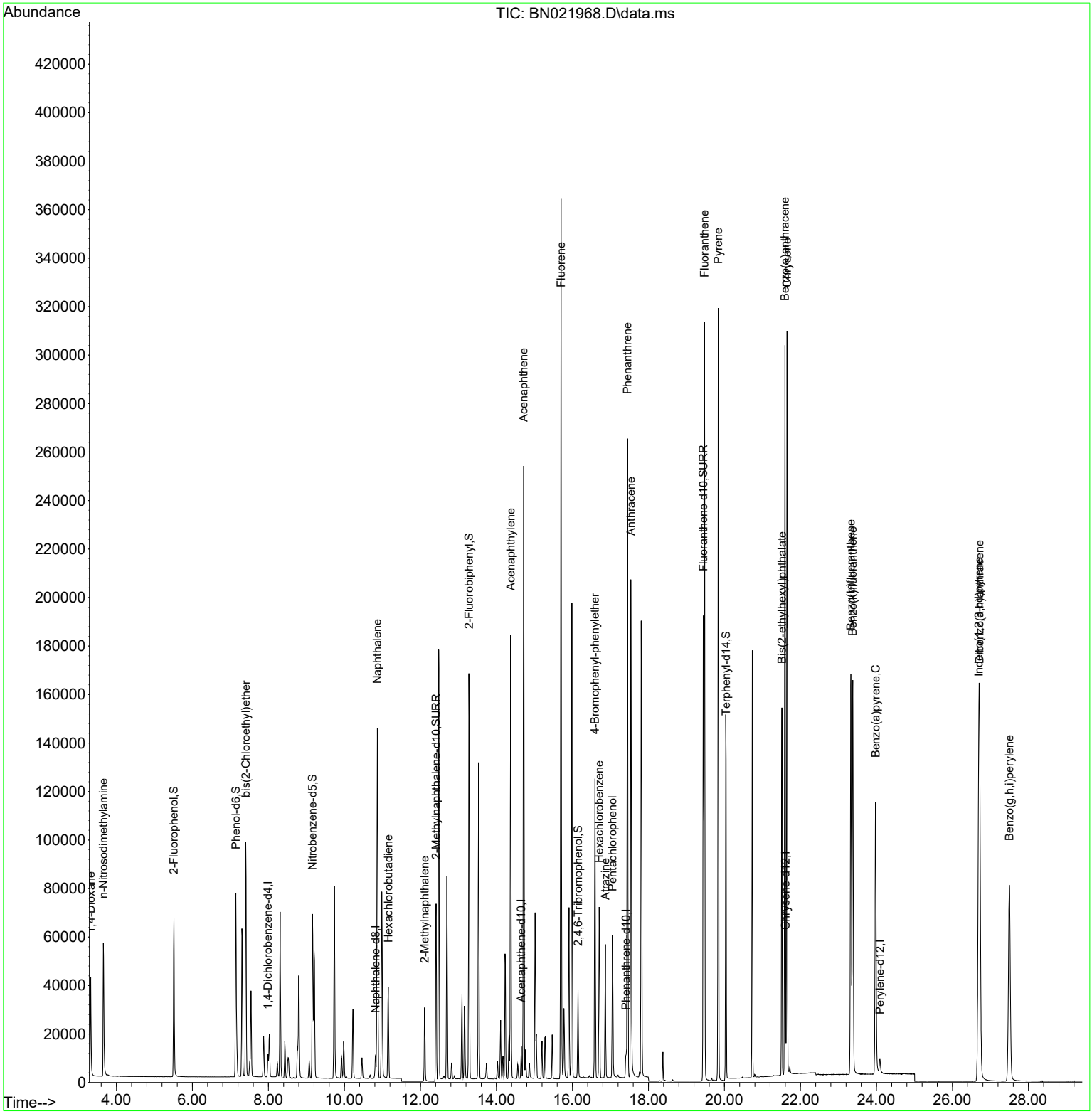
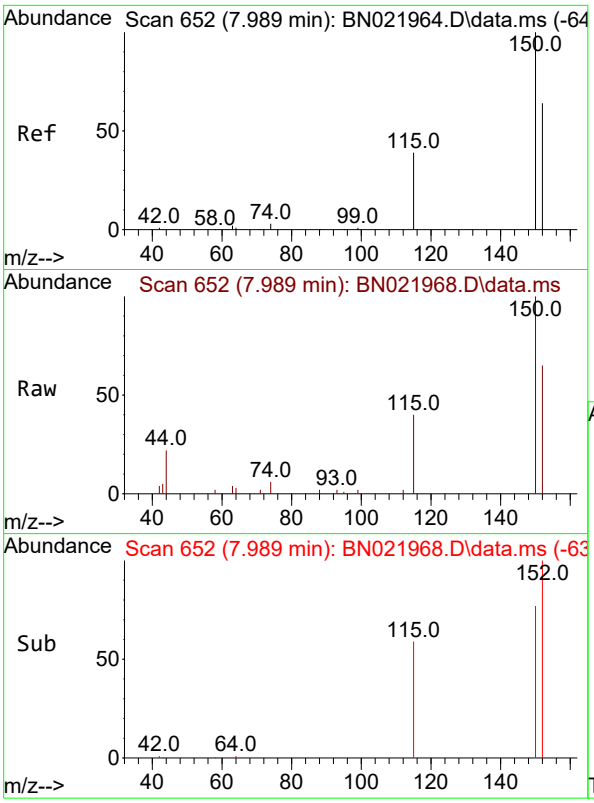
Quant Time: Sep 30 16:02:47 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN093022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 30 15:59:43 2022
Response via : Initial Calibration



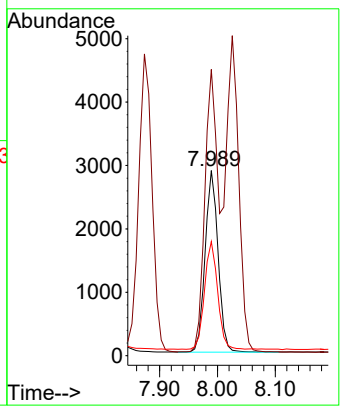


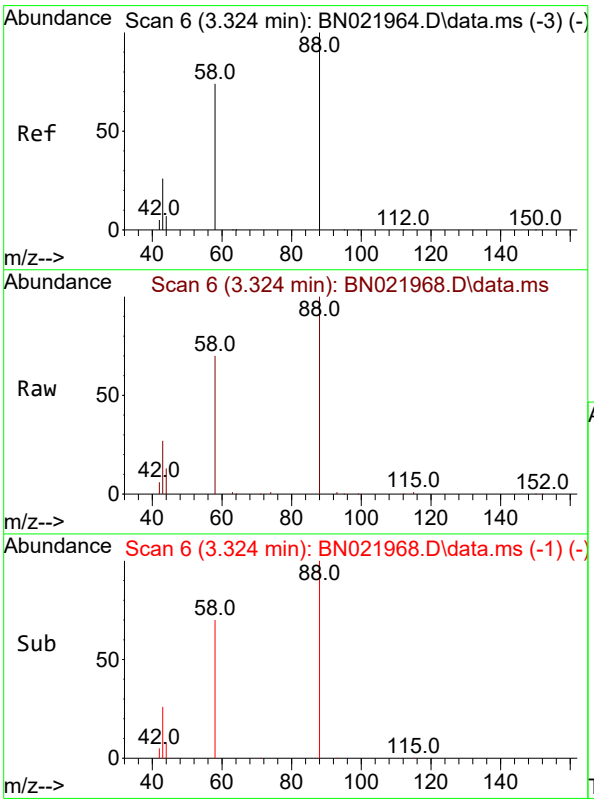
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.989 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN021968.D
Acq: 30 Sep 2022 15:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:152 Resp: 4466

Ion	Ratio	Lower	Upper
152	100		
150	154.6	120.2	180.4
115	61.6	49.4	74.2

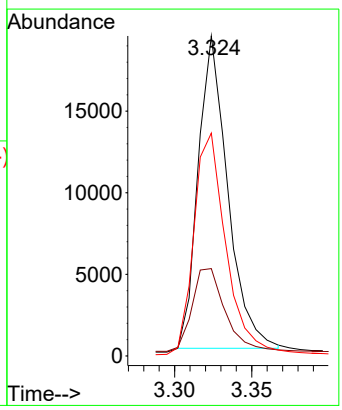


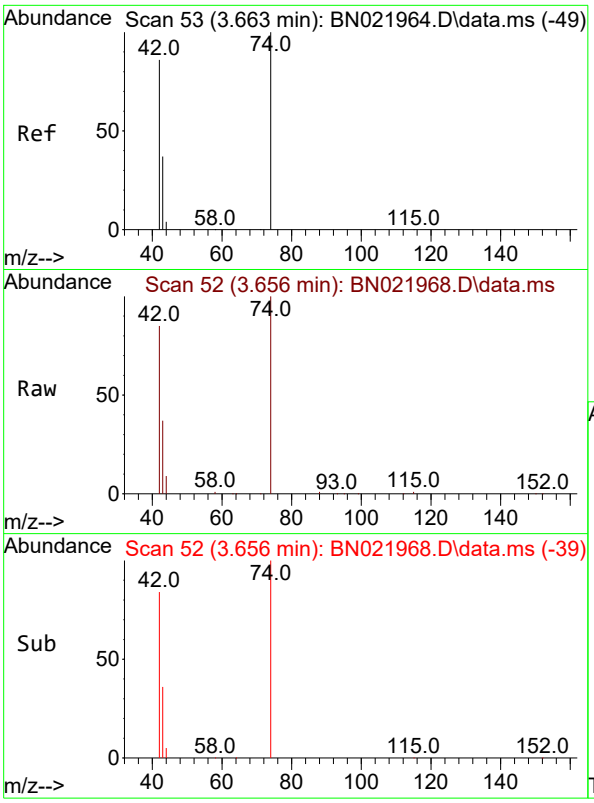


#2
1,4-Dioxane
Concen: 4.039 ng
RT: 3.324 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN021968.D
Acq: 30 Sep 2022 15:22

Tgt Ion: 88 Resp: 25573

Ion	Ratio	Lower	Upper
88	100		
43	27.9	23.8	35.6
58	71.7	59.8	89.8



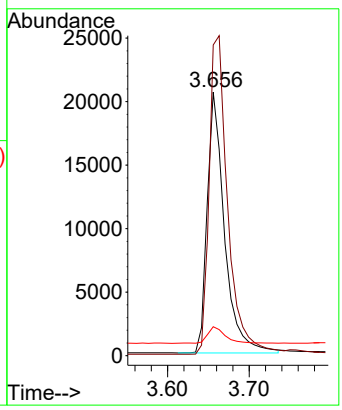


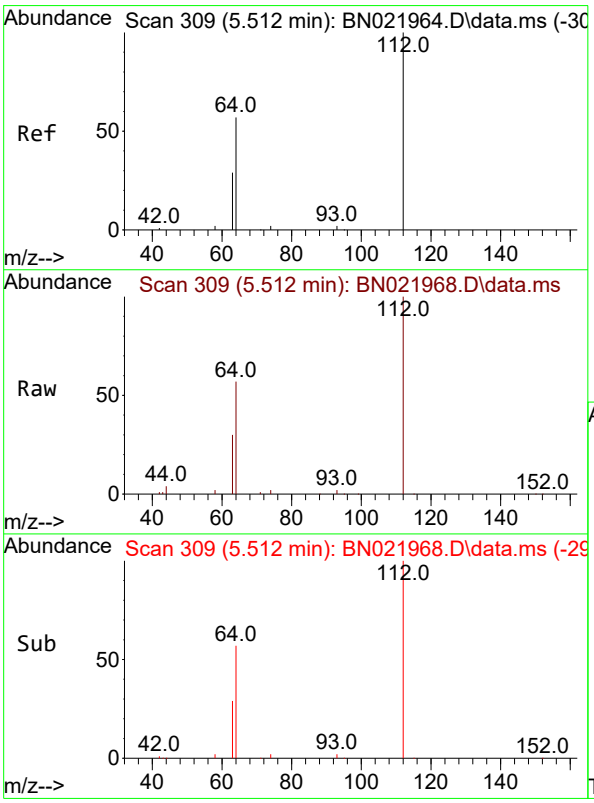
#3
n-Nitrosodimethylamine
Concen: 4.744 ng
RT: 3.656 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN021968.D
Acq: 30 Sep 2022 15:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion: 42 Resp: 30338

Ion	Ratio	Lower	Upper
42	100		
74	131.3	105.0	157.4
44	6.5	9.0	13.4#

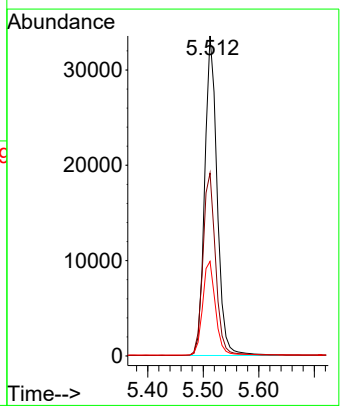


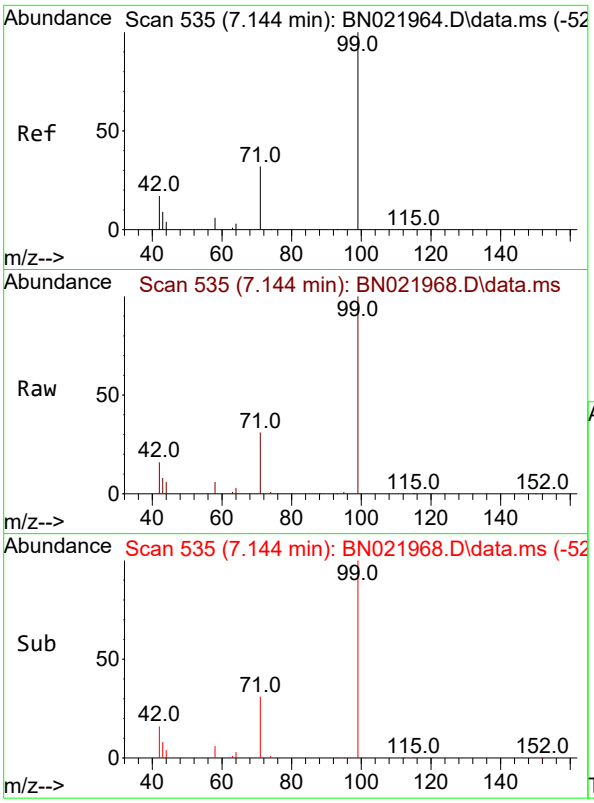


#4
2-Fluorophenol
Concen: 4.393 ng
RT: 5.512 min Scan# 309
Delta R.T. -0.000 min
Lab File: BN021968.D
Acq: 30 Sep 2022 15:22

Tgt Ion:112 Resp: 52210

Ion	Ratio	Lower	Upper
112	100		
64	58.3	45.9	68.9
63	30.3	24.0	36.0



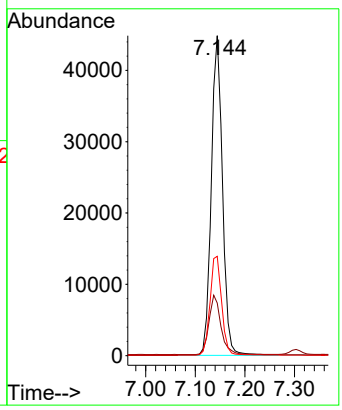


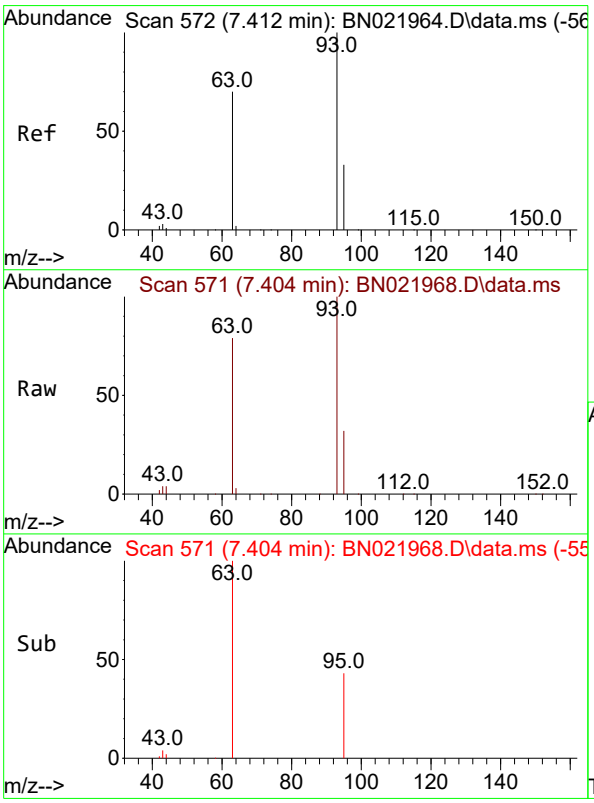
#5
Phenol-d6
Concen: 4.671 ng
RT: 7.144 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN021968.D
Acq: 30 Sep 2022 15:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion: 99 Resp: 70147

Ion	Ratio	Lower	Upper
99	100		
42	19.9	15.9	23.9
71	32.3	25.9	38.9

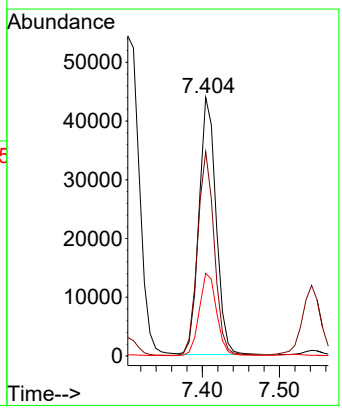


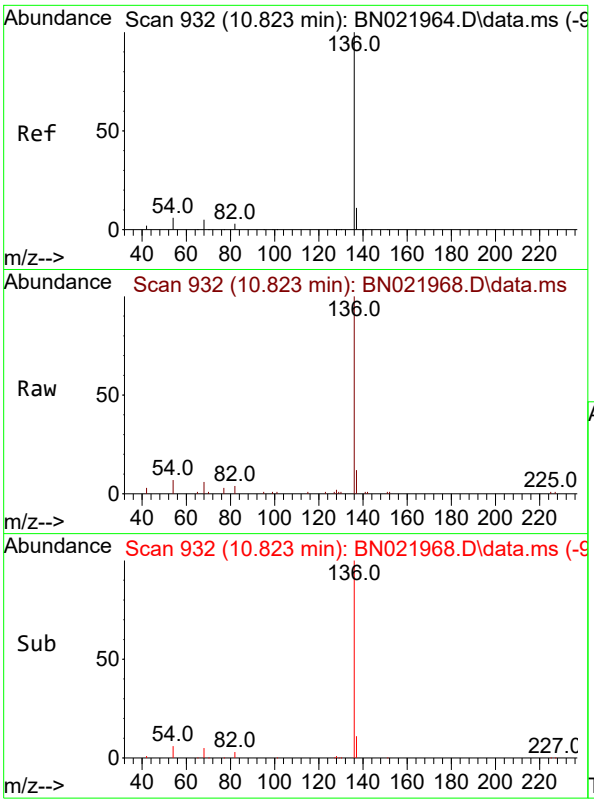


#6
bis(2-Chloroethyl)ether
Concen: 4.598 ng
RT: 7.404 min Scan# 571
Delta R.T. -0.007 min
Lab File: BN021968.D
Acq: 30 Sep 2022 15:22

Tgt Ion: 93 Resp: 67365

Ion	Ratio	Lower	Upper
93	100		
63	77.8	61.6	92.4
95	32.4	26.6	40.0



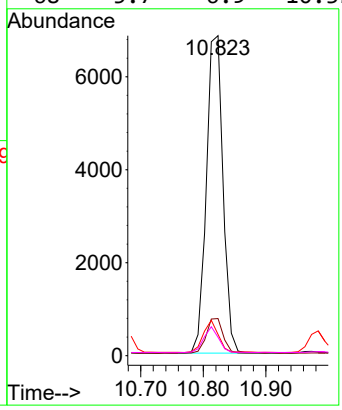


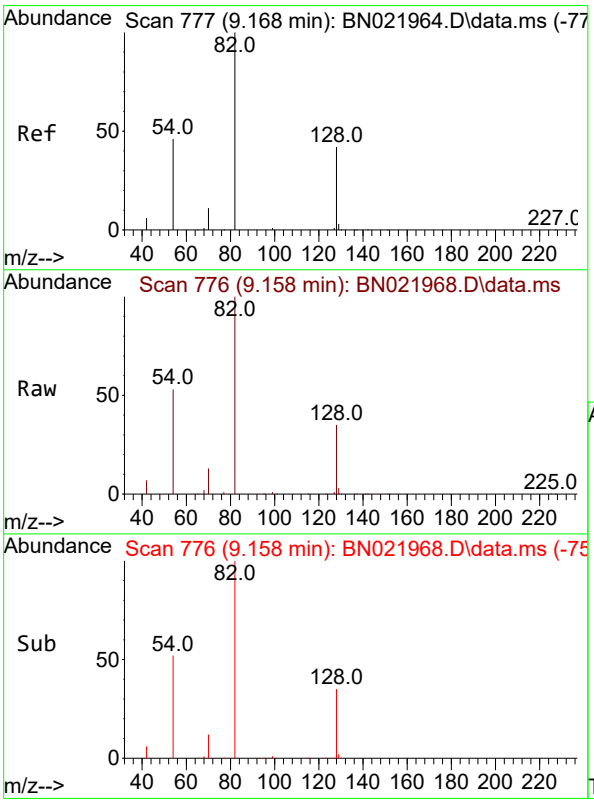
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.823 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN021968.D
Acq: 30 Sep 2022 15:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:136 Resp: 12594

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.4	14.2
54	6.6	7.8	11.8#
68	5.7	6.9	10.3#

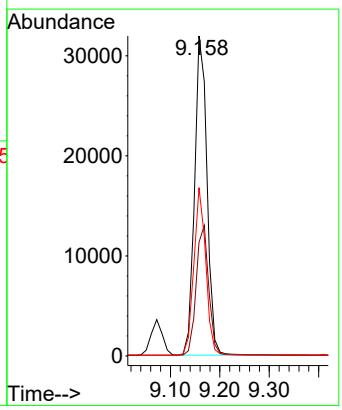


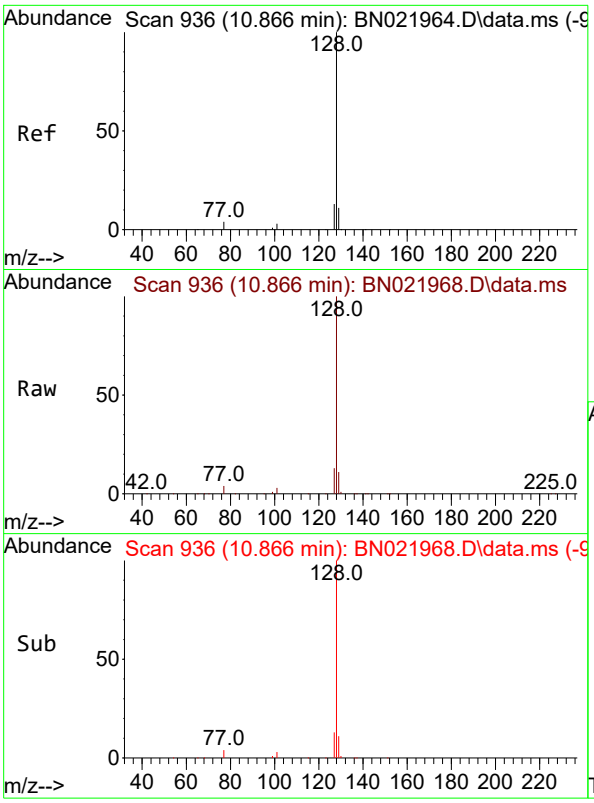


#8
Nitrobenzene-d5
Concen: 5.306 ng
RT: 9.158 min Scan# 776
Delta R.T. -0.011 min
Lab File: BN021968.D
Acq: 30 Sep 2022 15:22

Tgt Ion: 82 Resp: 55844

Ion	Ratio	Lower	Upper
82	100		
128	35.5	37.7	56.5#
54	52.6	37.1	55.7



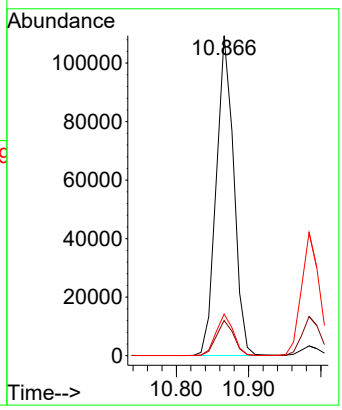


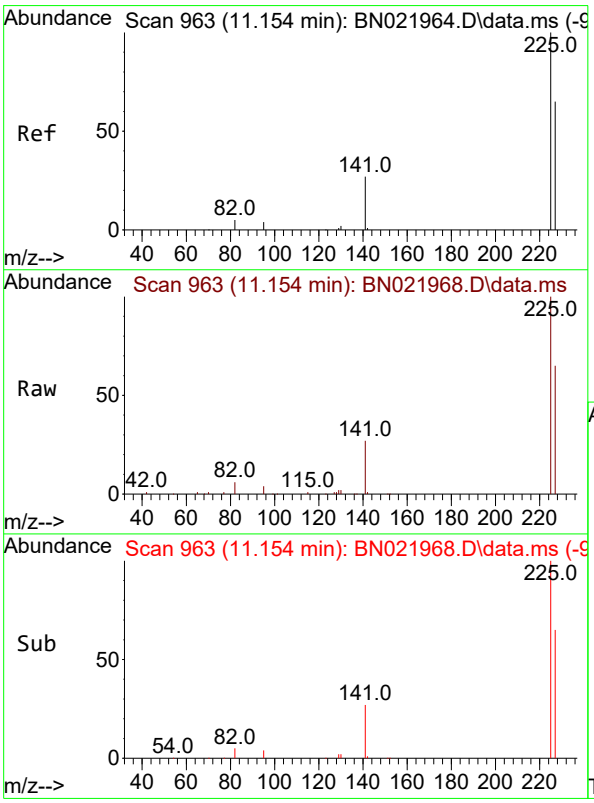
#9
Naphthalene
Concen: 4.834 ng
RT: 10.866 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN021968.D
Acq: 30 Sep 2022 15:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:128 Resp: 183304

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.4	14.0
127	13.0	10.6	16.0

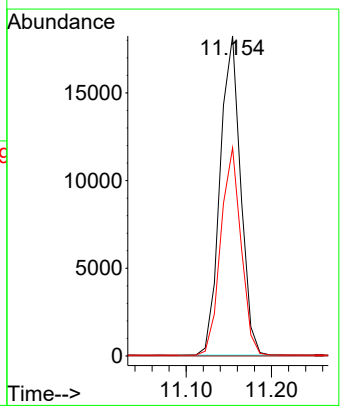


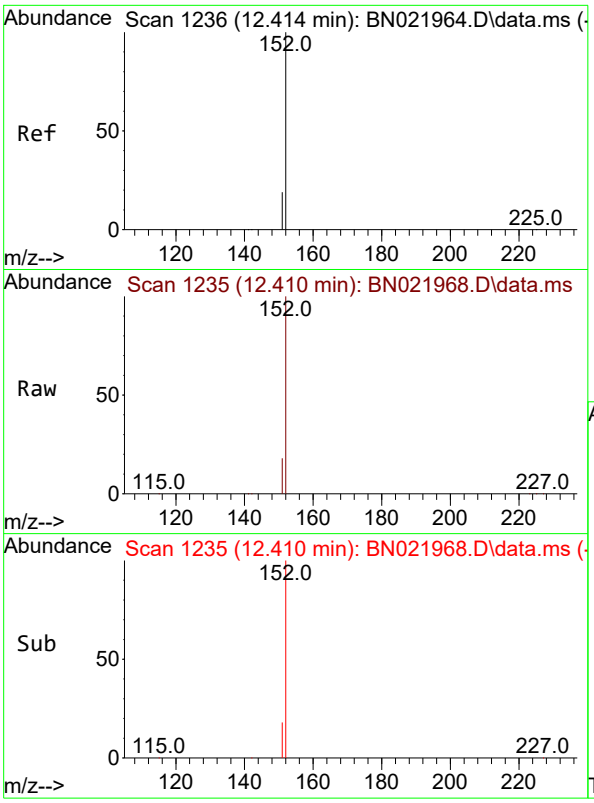


#10
Hexachlorobutadiene
Concen: 4.611 ng
RT: 11.154 min Scan# 963
Delta R.T. -0.000 min
Lab File: BN021968.D
Acq: 30 Sep 2022 15:22

Tgt Ion:225 Resp: 30393

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.0	50.5	75.7



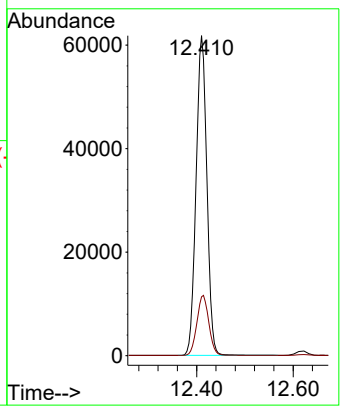


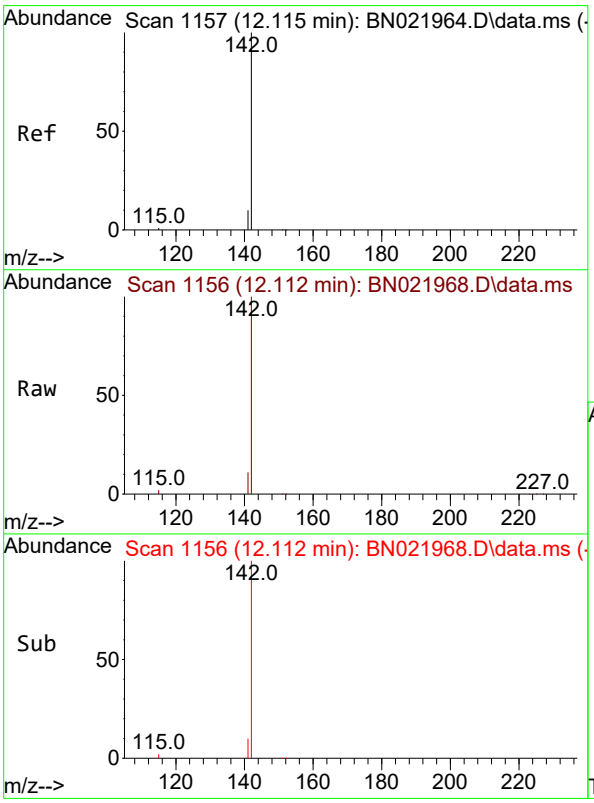
#11
2-Methylnaphthalene-d10
Concen: 4.404 ng
RT: 12.410 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN021968.D
Acq: 30 Sep 2022 15:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:152 Resp: 119651

Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.7	23.5

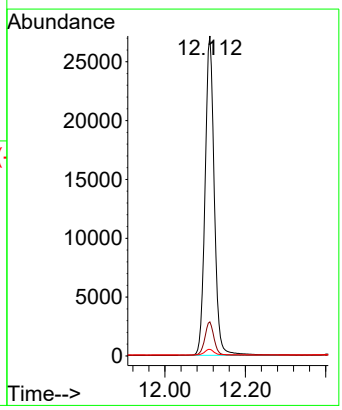


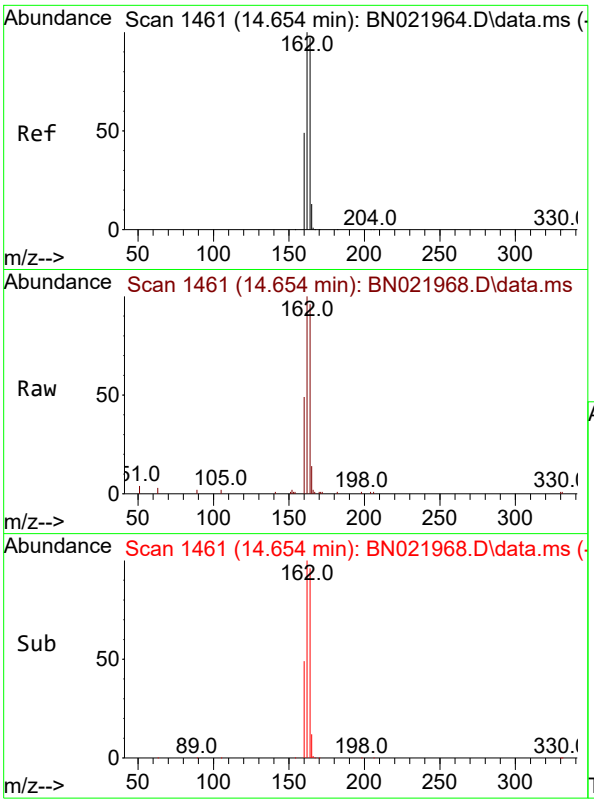


#12
2-Methylnaphthalene
Concen: 5.762 ng
RT: 12.112 min Scan# 1156
Delta R.T. -0.004 min
Lab File: BN021968.D
Acq: 30 Sep 2022 15:22

Tgt Ion:142 Resp: 42981

Ion	Ratio	Lower	Upper
142	100		
141	10.7	12.7	19.1#
115	2.1	9.6	14.4#



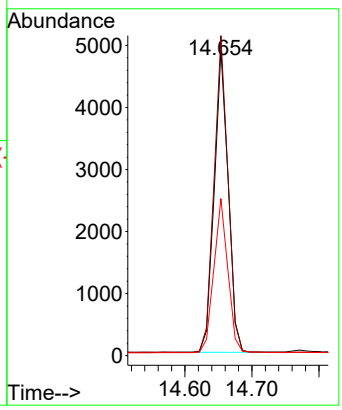


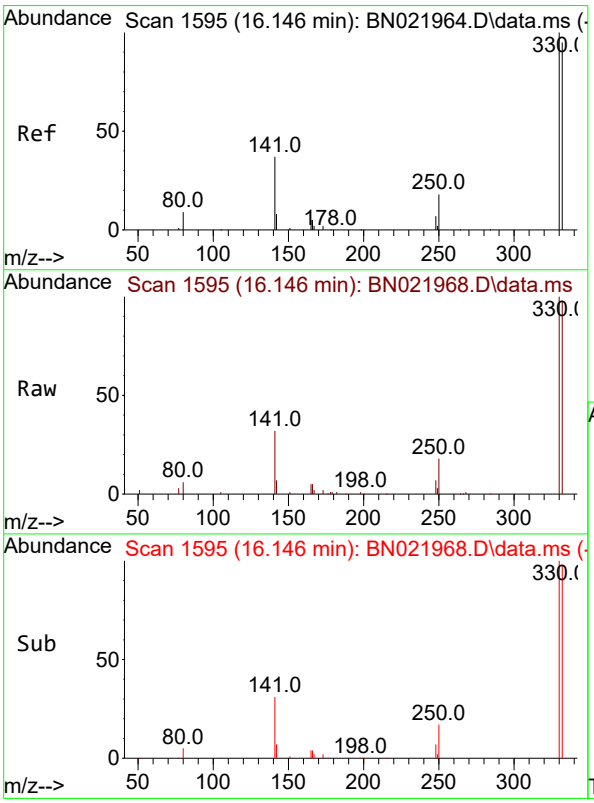
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.654 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN021968.D
Acq: 30 Sep 2022 15:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:164 Resp: 7090

Ion	Ratio	Lower	Upper
164	100		
162	104.6	82.8	124.2
160	51.3	39.5	59.3

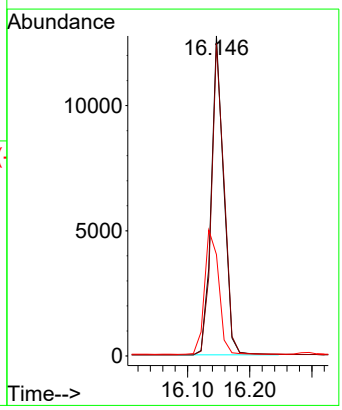


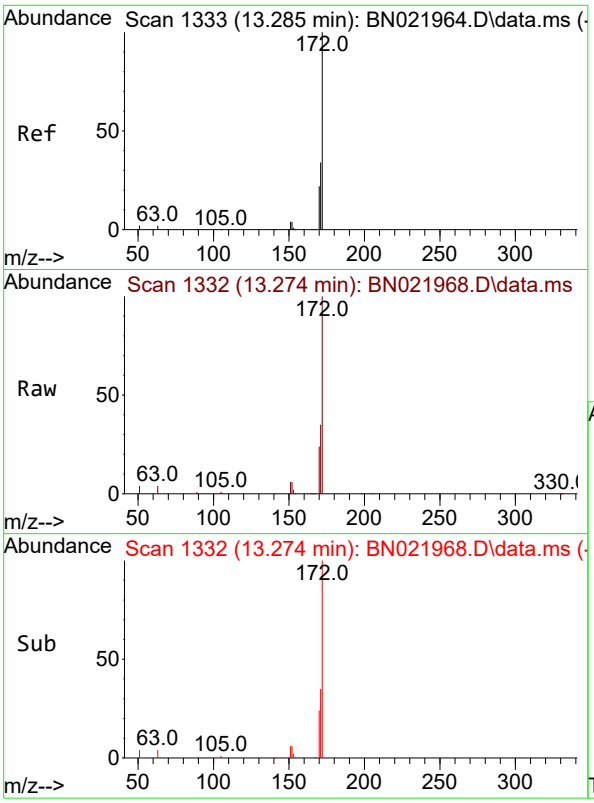


#14
2,4,6-Tribromophenol
Concen: 5.847 ng
RT: 16.146 min Scan# 1595
Delta R.T. -0.000 min
Lab File: BN021968.D
Acq: 30 Sep 2022 15:22

Tgt Ion:330 Resp: 17769

Ion	Ratio	Lower	Upper
330	100		
332	98.8	78.7	118.1
141	44.5	35.0	52.4



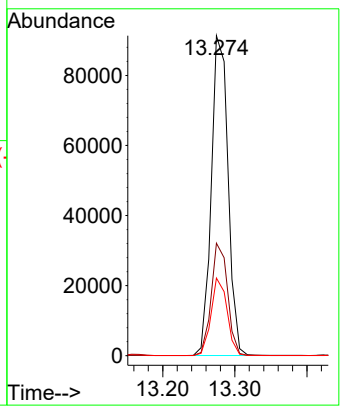


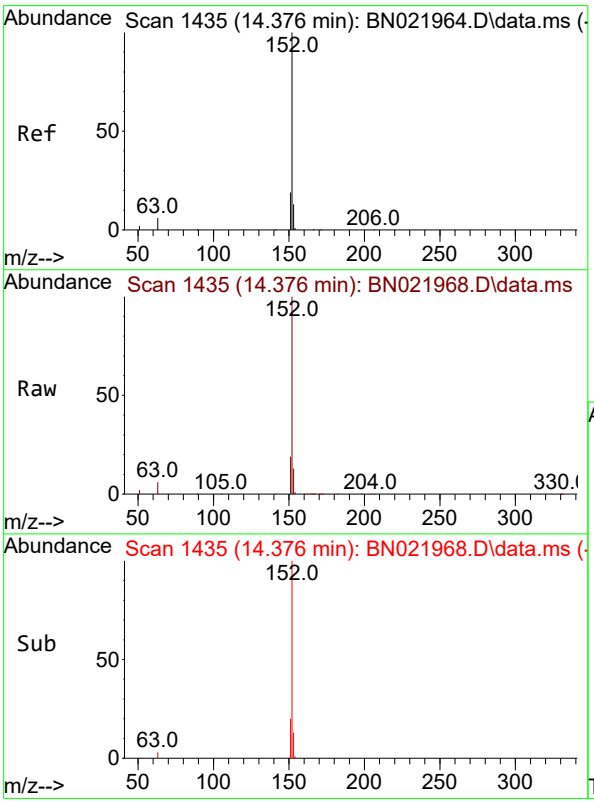
#15
2-Fluorobiphenyl
Concen: 4.690 ng
RT: 13.274 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN021968.D
Acq: 30 Sep 2022 15:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:172 Resp: 147042

Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.4	41.2
170	24.2	18.6	28.0

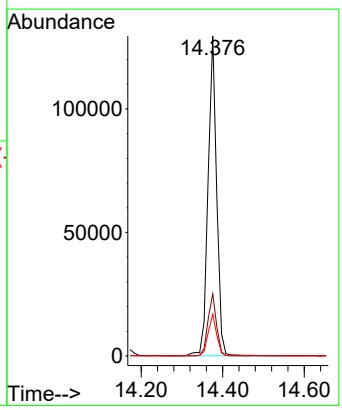


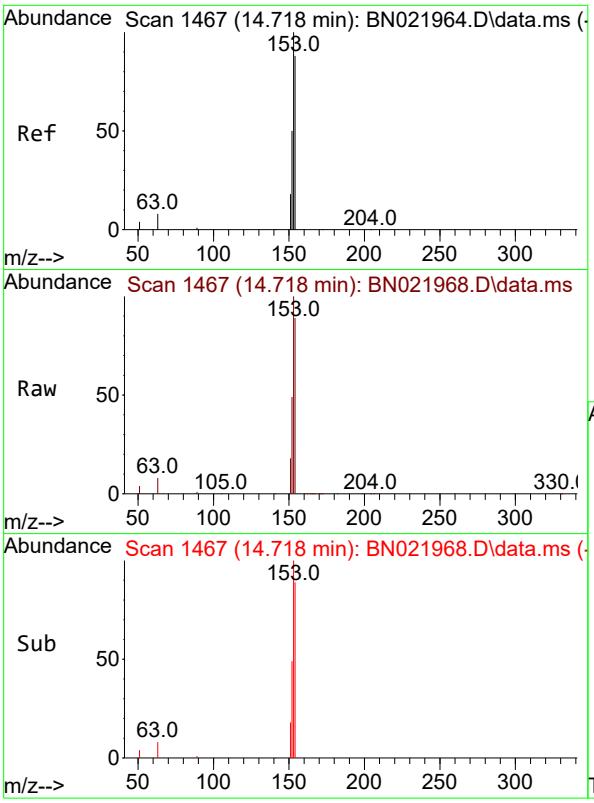


#16
Acenaphthylene
Concen: 5.756 ng
RT: 14.376 min Scan# 1435
Delta R.T. -0.000 min
Lab File: BN021968.D
Acq: 30 Sep 2022 15:22

Tgt Ion:152 Resp: 189692

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.5	23.3
153	13.0	10.6	15.8



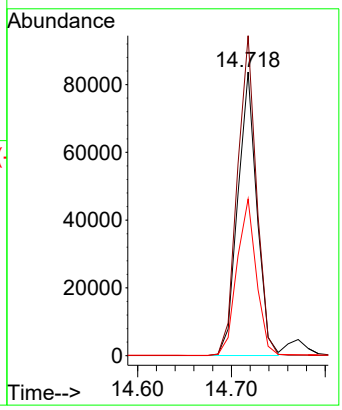


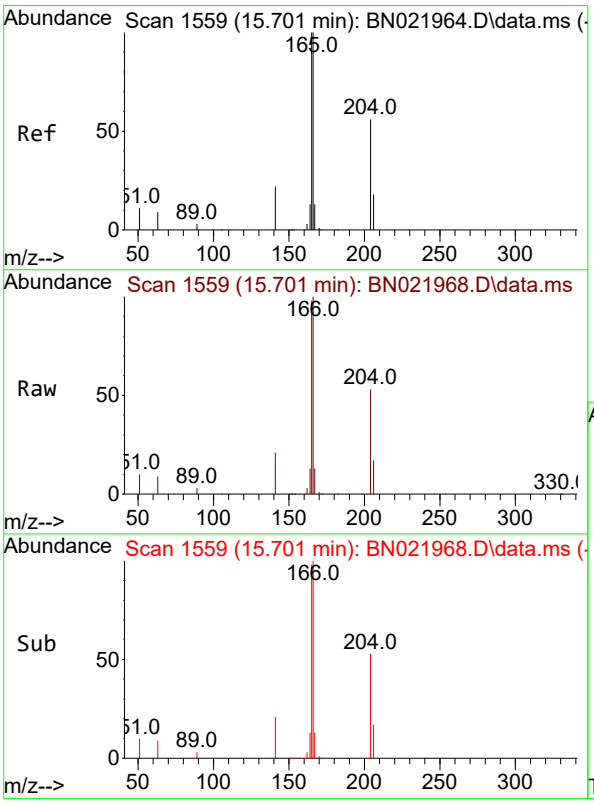
#17
Acenaphthene
Concen: 5.015 ng
RT: 14.718 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN021968.D
Acq: 30 Sep 2022 15:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:154 Resp: 118125

Ion	Ratio	Lower	Upper
154	100		
153	113.1	91.5	137.3
152	56.6	45.9	68.9

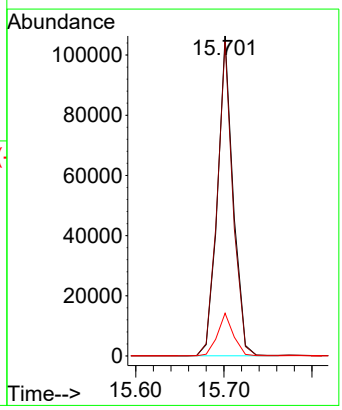


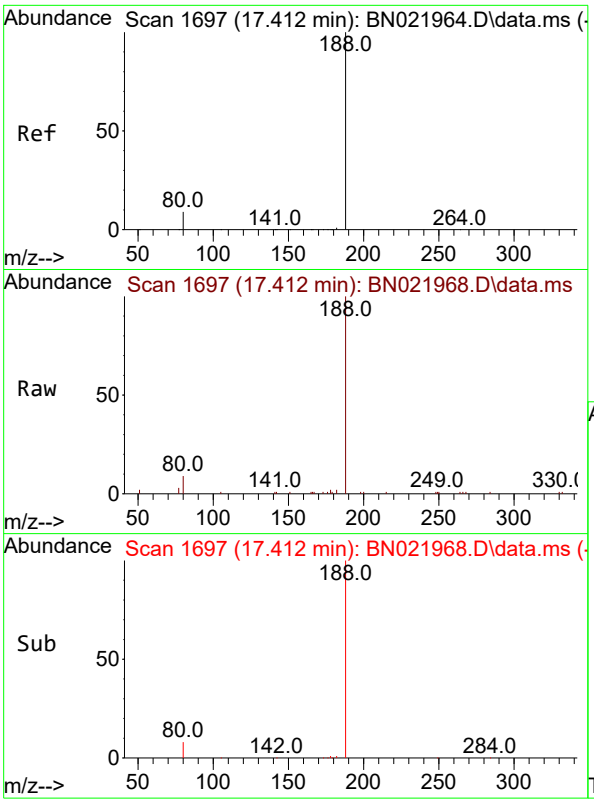


#18
Fluorene
Concen: 4.625 ng
RT: 15.701 min Scan# 1559
Delta R.T. -0.000 min
Lab File: BN021968.D
Acq: 30 Sep 2022 15:22

Tgt Ion:166 Resp: 136555

Ion	Ratio	Lower	Upper
166	100		
165	95.6	78.9	118.3
167	13.3	10.3	15.5



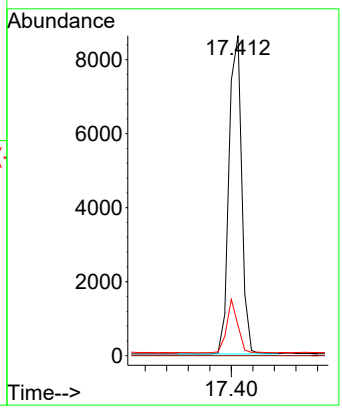


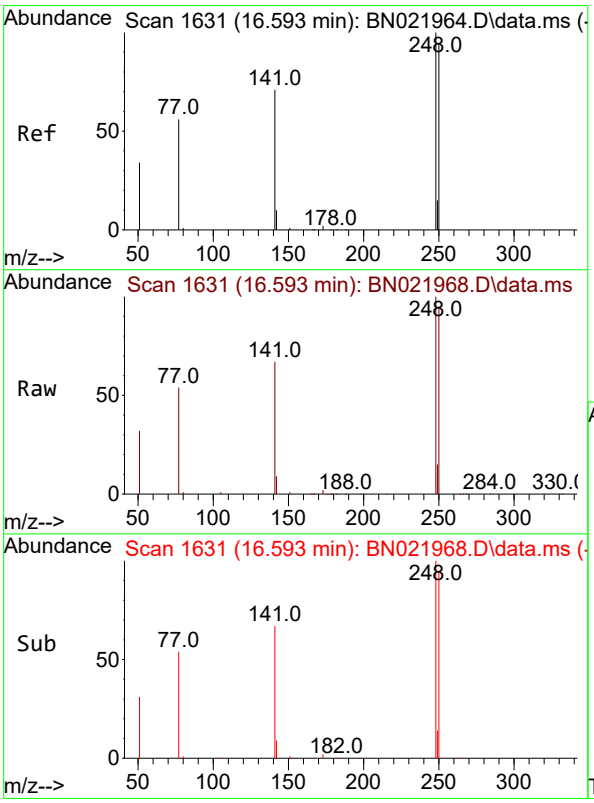
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.412 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN021968.D
Acq: 30 Sep 2022 15:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:188 Resp: 14078

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.4	9.4	14.2#

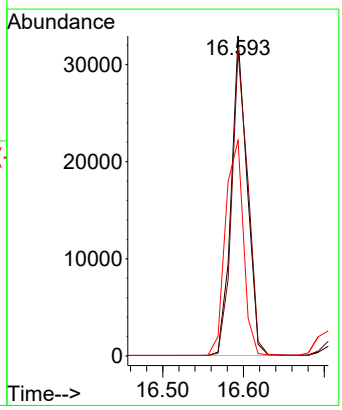


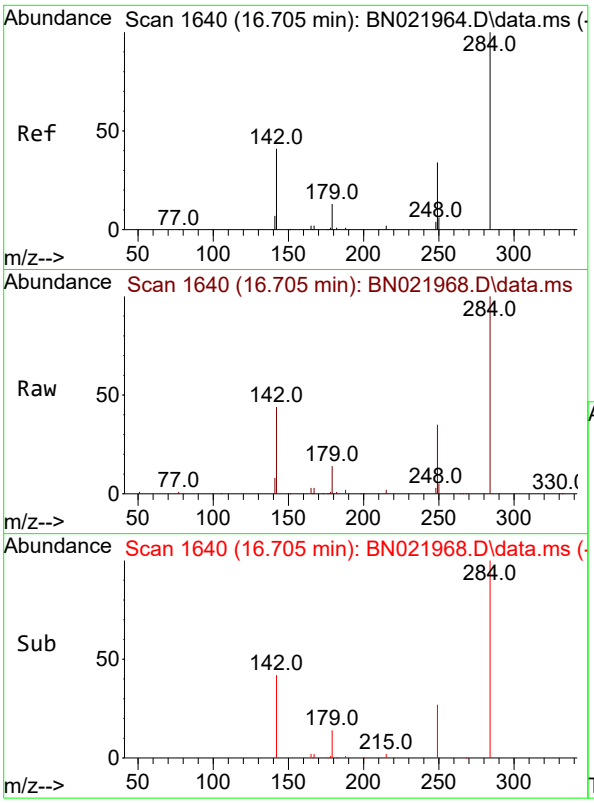


#21
4-Bromophenyl-phenylether
Concen: 5.049 ng
RT: 16.593 min Scan# 1631
Delta R.T. -0.000 min
Lab File: BN021968.D
Acq: 30 Sep 2022 15:22

Tgt Ion:248 Resp: 44847

Ion	Ratio	Lower	Upper
248	100		
250	95.5	72.9	109.3
141	67.4	79.0	118.6#



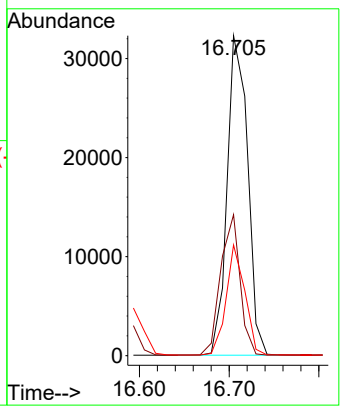


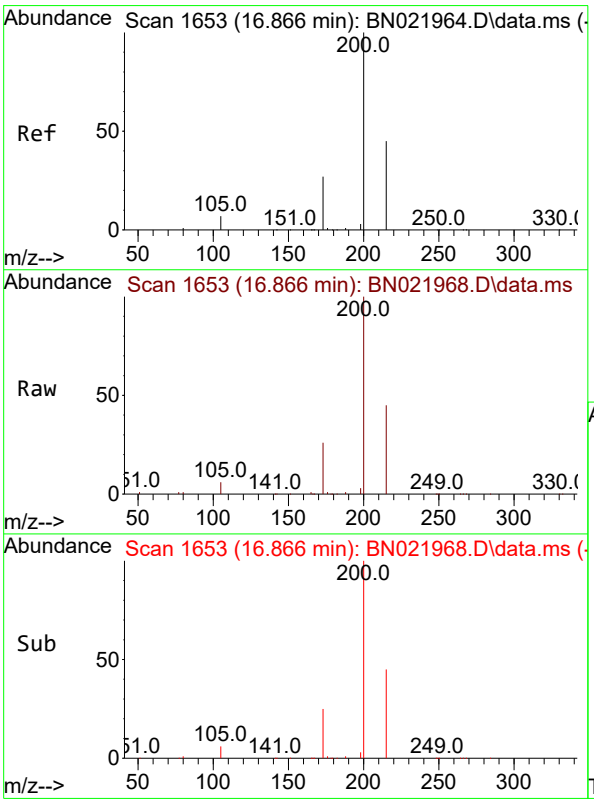
#22
Hexachlorobenzene
Concen: 4.958 ng
RT: 16.705 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021968.D
Acq: 30 Sep 2022 15:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:284 Resp: 51147

Ion	Ratio	Lower	Upper
284	100		
142	41.5	32.6	49.0
249	31.3	25.6	38.4

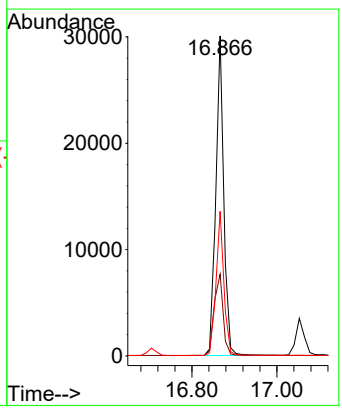


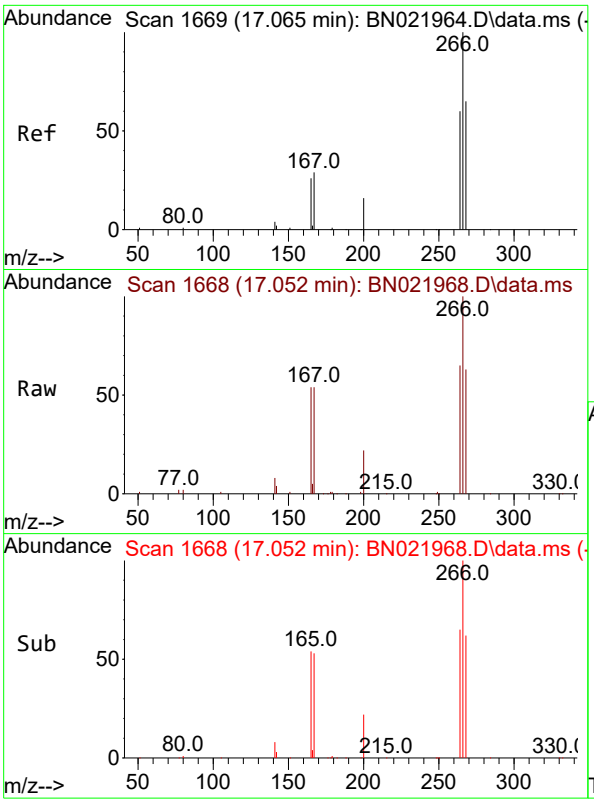


#23
Atrazine
Concen: 5.352 ng
RT: 16.866 min Scan# 1653
Delta R.T. -0.000 min
Lab File: BN021968.D
Acq: 30 Sep 2022 15:22

Tgt Ion:200 Resp: 39035

Ion	Ratio	Lower	Upper
200	100		
173	25.5	27.0	40.6#
215	45.2	36.8	55.2



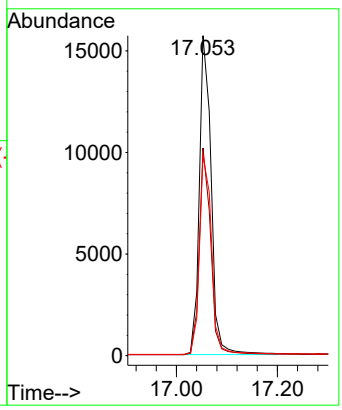


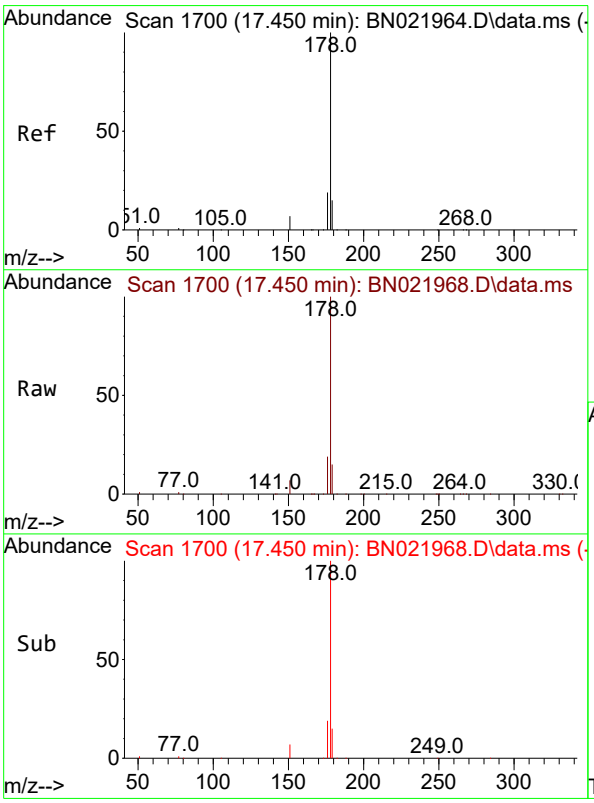
#24
Pentachlorophenol
Concen: 7.138 ng
RT: 17.052 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN021968.D
Acq: 30 Sep 2022 15:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:266 Resp: 25573

Ion	Ratio	Lower	Upper
266	100		
264	63.0	49.1	73.7
268	64.1	48.5	72.7

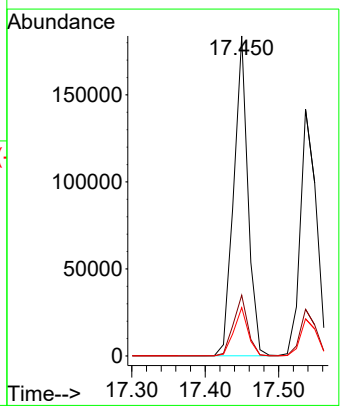


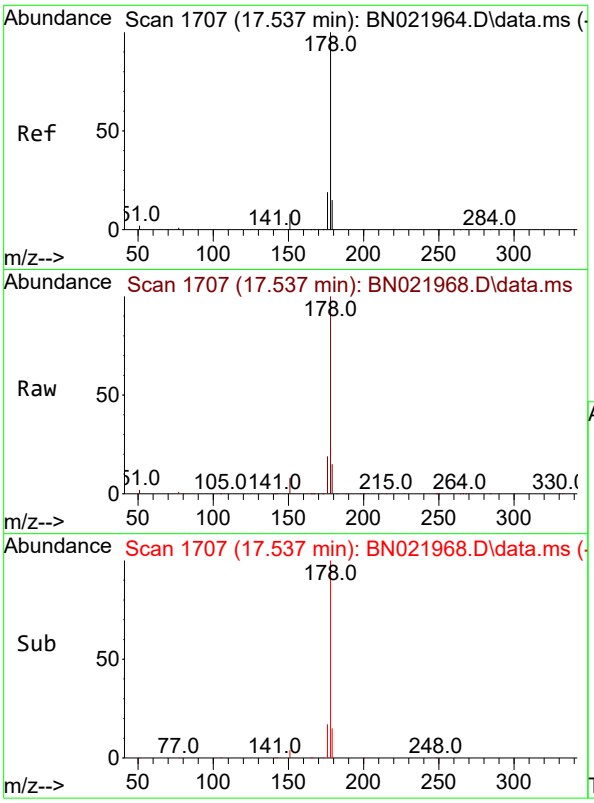


#25
Phenanthrene
Concen: 5.137 ng
RT: 17.450 min Scan# 1700
Delta R.T. -0.000 min
Lab File: BN021968.D
Acq: 30 Sep 2022 15:22

Tgt Ion:178 Resp: 247596

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.6	23.4
179	15.1	12.2	18.4



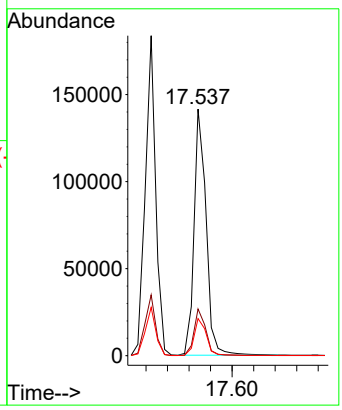


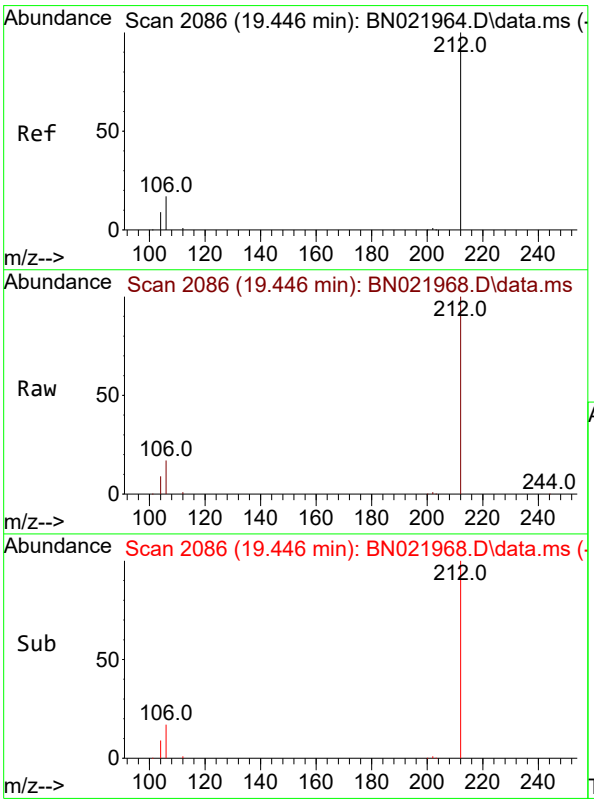
#26
Anthracene
Concen: 5.594 ng
RT: 17.537 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN021968.D
Acq: 30 Sep 2022 15:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:178 Resp: 220105

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.1	22.7
179	15.2	12.2	18.4

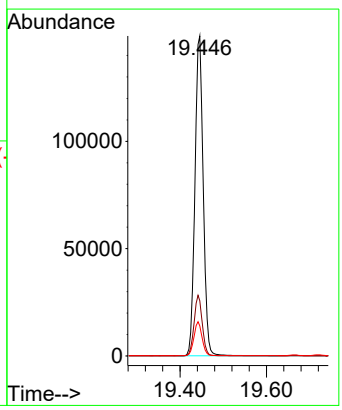


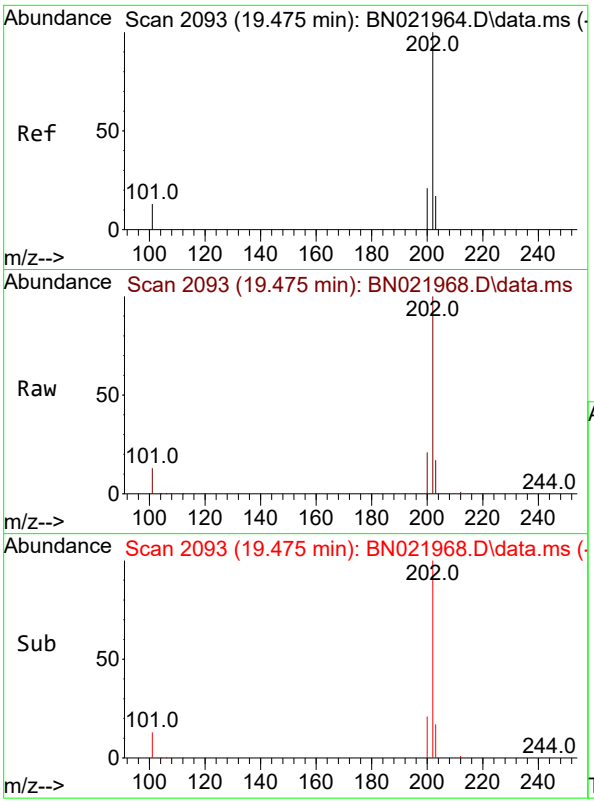


#27
Fluoranthene-d10
Concen: 5.189 ng
RT: 19.446 min Scan# 2086
Delta R.T. -0.000 min
Lab File: BN021968.D
Acq: 30 Sep 2022 15:22

Tgt Ion:212 Resp: 197750

Ion	Ratio	Lower	Upper
212	100		
106	18.7	14.8	22.2
104	10.5	8.4	12.6



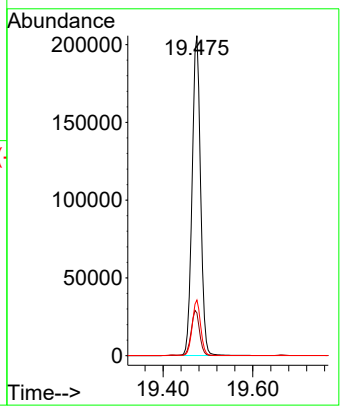


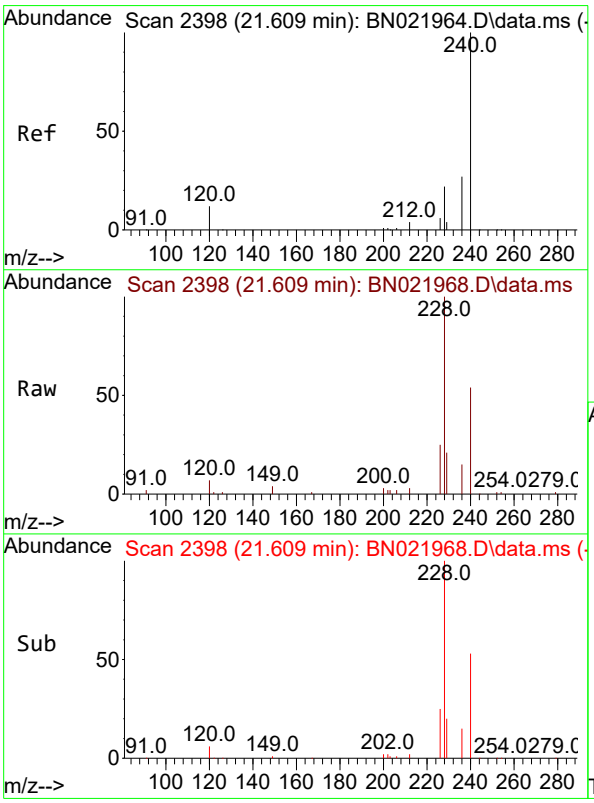
#28
Fluoranthene
Concen: 5.187 ng
RT: 19.475 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN021968.D
Acq: 30 Sep 2022 15:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:202 Resp: 268461

Ion	Ratio	Lower	Upper
202	100		
101	14.2	11.2	16.8
203	17.3	13.5	20.3

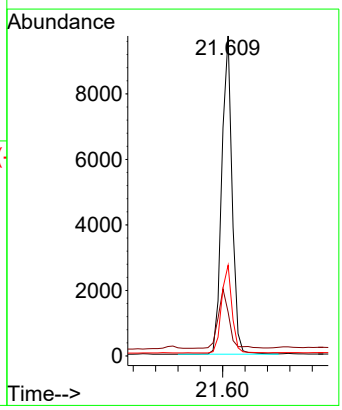


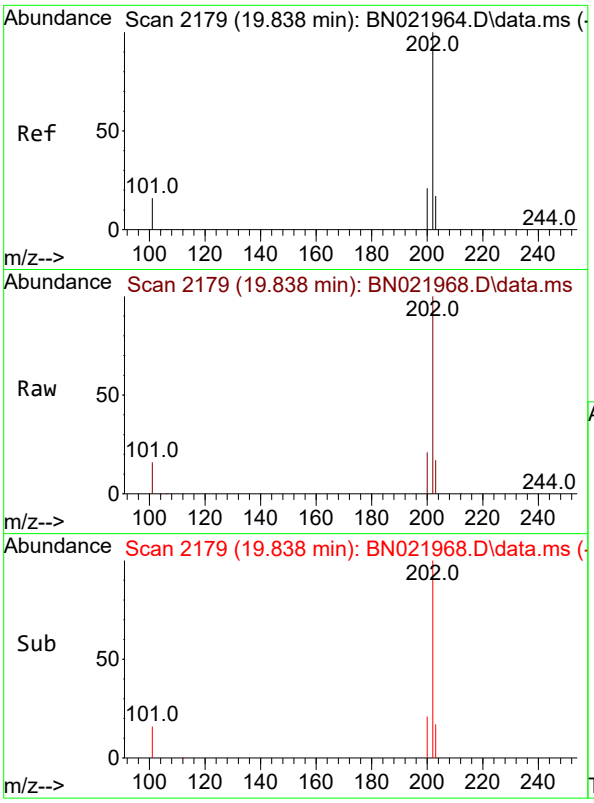


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.609 min Scan# 2398
Delta R.T. -0.000 min
Lab File: BN021968.D
Acq: 30 Sep 2022 15:22

Tgt Ion:240 Resp: 12447

Ion	Ratio	Lower	Upper
240	100		
120	13.7	12.2	18.2
236	28.4	22.6	34.0



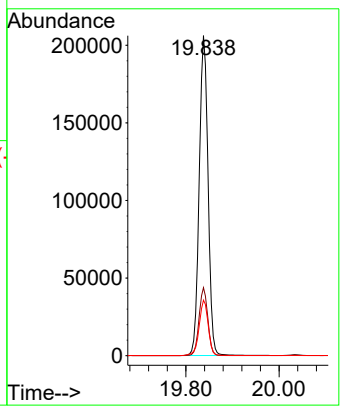


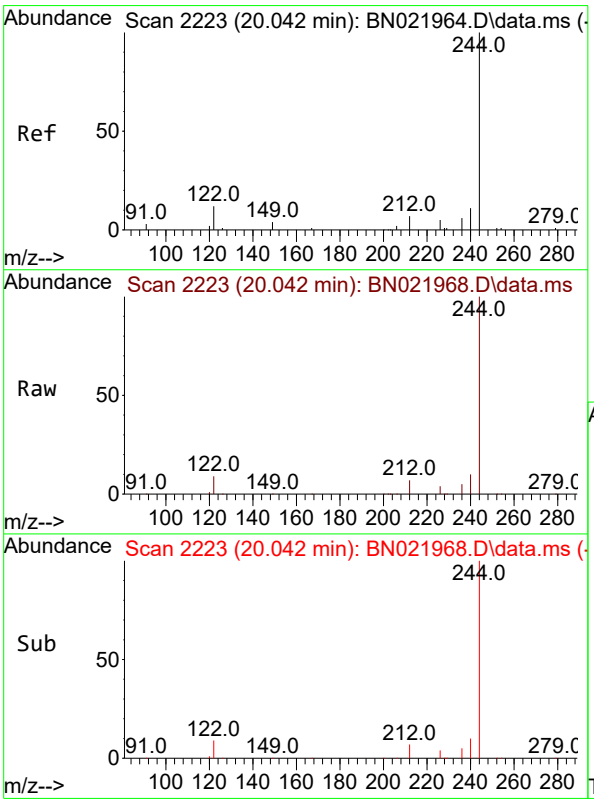
#30
Pyrene
Concen: 4.695 ng
RT: 19.838 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN021968.D
Acq: 30 Sep 2022 15:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:202 Resp: 270178

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.1	24.1
203	17.8	13.8	20.6

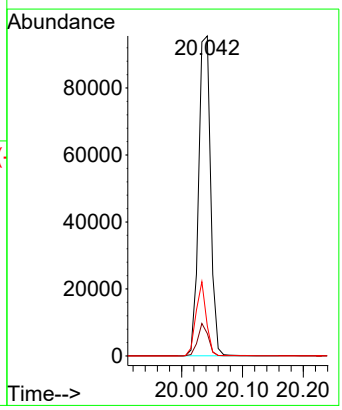


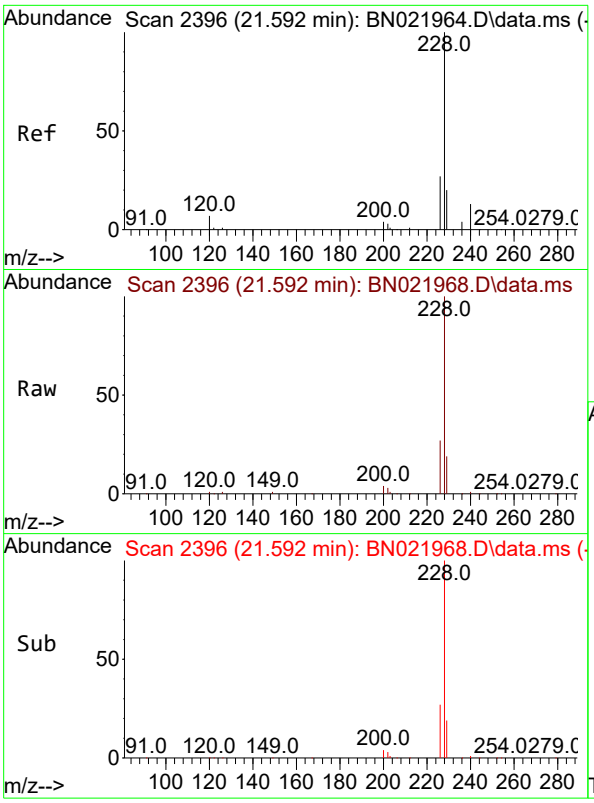


#31
Terphenyl-d14
Concen: 4.373 ng
RT: 20.042 min Scan# 2223
Delta R.T. -0.000 min
Lab File: BN021968.D
Acq: 30 Sep 2022 15:22

Tgt Ion:244 Resp: 120228

Ion	Ratio	Lower	Upper
244	100		
212	7.0	7.9	11.9#
122	9.3	15.3	22.9#



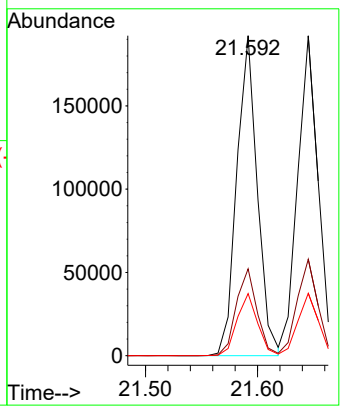


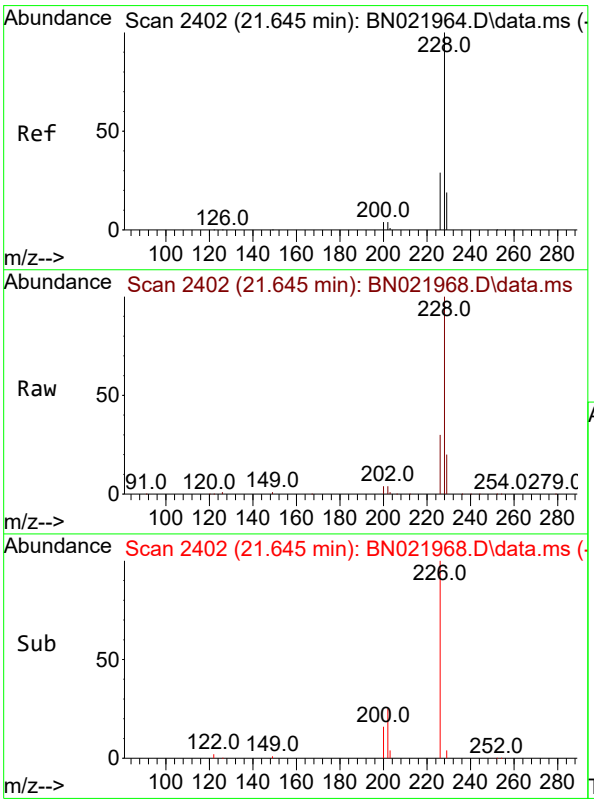
#32
Benzo(a)anthracene
Concen: 5.088 ng
RT: 21.592 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN021968.D
Acq: 30 Sep 2022 15:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:228 Resp: 245505

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.9	32.9
229	19.4	15.8	23.8

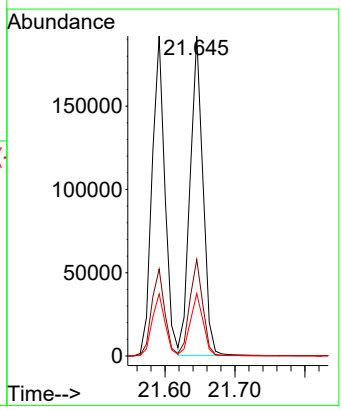


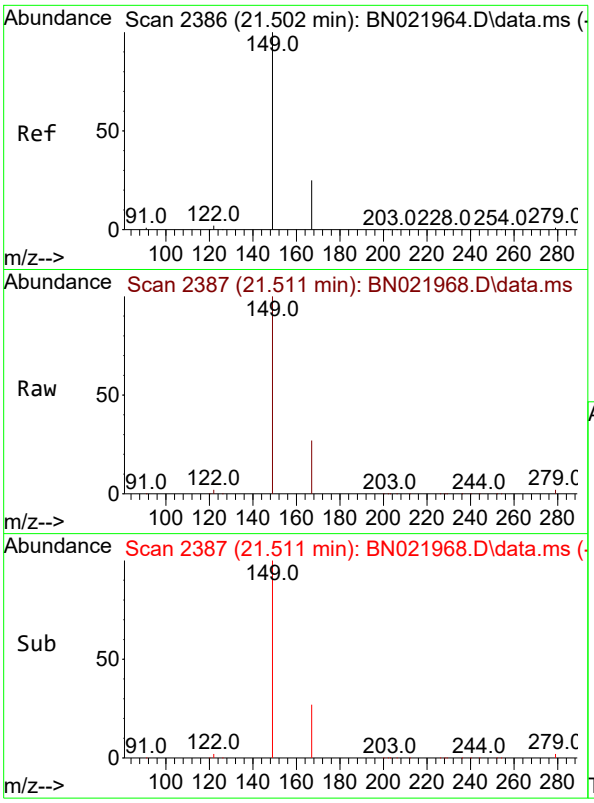


#33
Chrysene
Concen: 4.863 ng
RT: 21.645 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BN021968.D
Acq: 30 Sep 2022 15:22

Tgt Ion:228 Resp: 245265

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.6	36.8
229	19.5	15.8	23.8



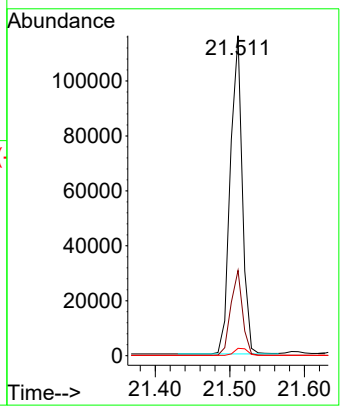


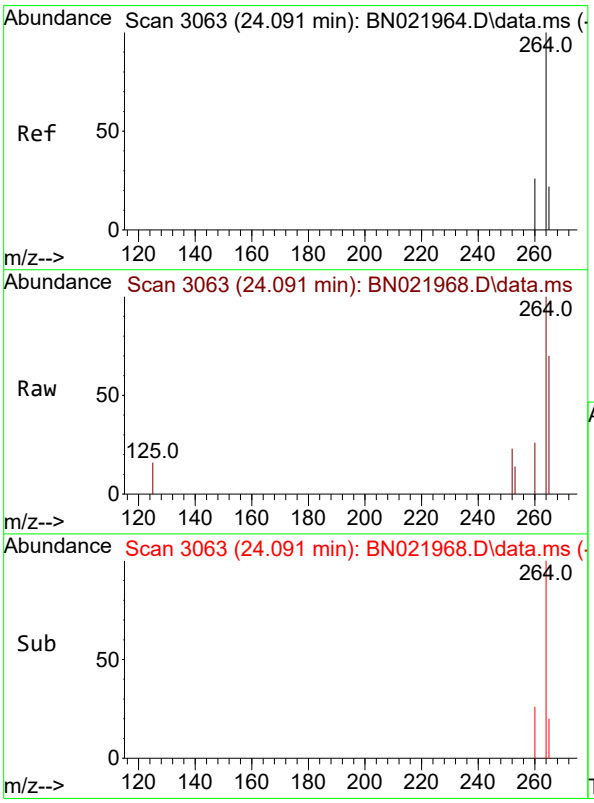
#34
Bis(2-ethylhexyl)phthalate
Concen: 4.450 ng
RT: 21.511 min Scan# 2
Delta R.T. 0.009 min
Lab File: BN021968.D
Acq: 30 Sep 2022 15:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:149 Resp: 128894

Ion	Ratio	Lower	Upper
149	100		
167	26.2	20.6	30.8
279	2.5	2.0	3.0

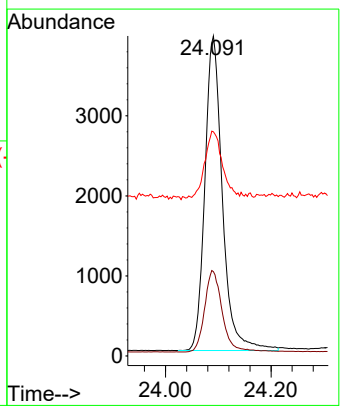


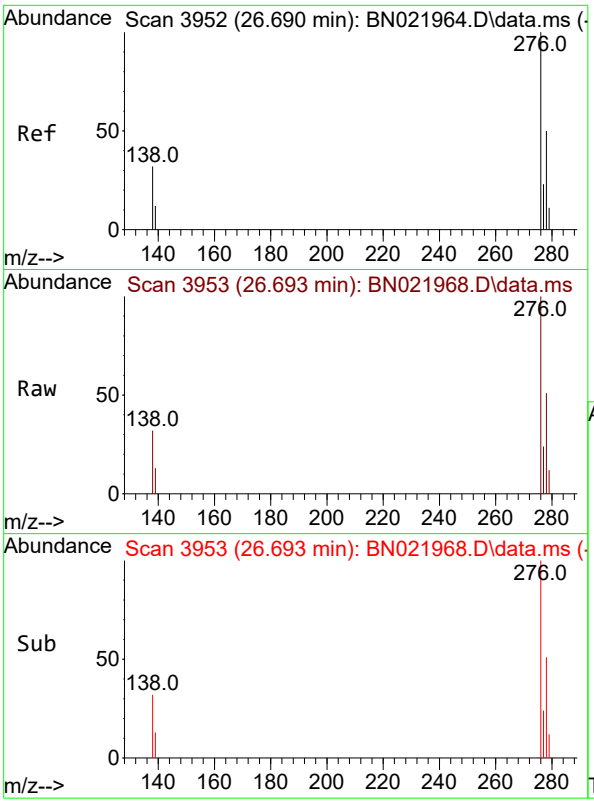


#35
Perylene-d12
Concen: 0.400 ng
RT: 24.091 min Scan# 3063
Delta R.T. -0.000 min
Lab File: BN021968.D
Acq: 30 Sep 2022 15:22

Tgt Ion:264 Resp: 9039

Ion	Ratio	Lower	Upper
264	100		
260	26.4	21.0	31.4
265	70.1	67.8	101.8



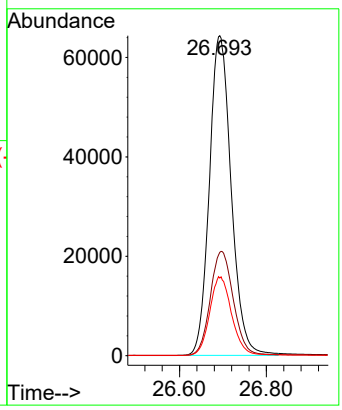


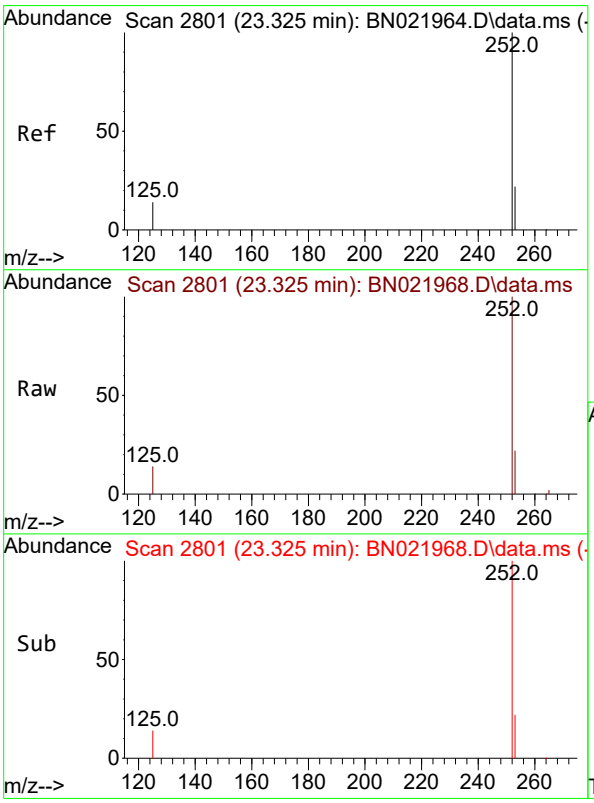
#36
Indeno(1,2,3-cd)pyrene
Concen: 4.695 ng
RT: 26.693 min Scan# 3
Delta R.T. 0.003 min
Lab File: BN021968.D
Acq: 30 Sep 2022 15:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:276 Resp: 224678

Ion	Ratio	Lower	Upper
276	100		
138	34.4	27.3	40.9
277	24.7	19.8	29.6

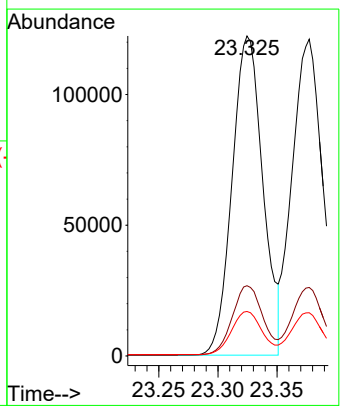


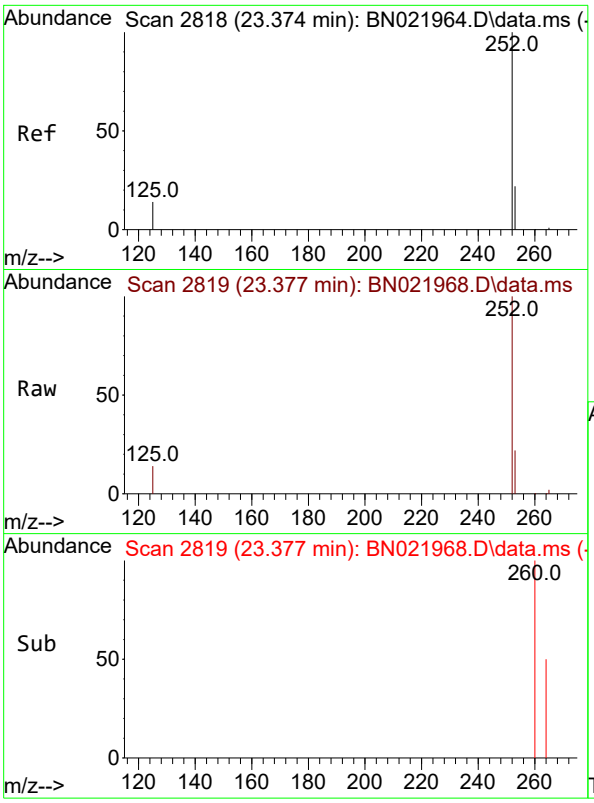


#37
Benzo(b)fluoranthene
Concen: 5.253 ng
RT: 23.325 min Scan# 2801
Delta R.T. -0.000 min
Lab File: BN021968.D
Acq: 30 Sep 2022 15:22

Tgt Ion:252 Resp: 220871

Ion	Ratio	Lower	Upper
252	100		
253	22.0	21.4	32.0
125	13.9	16.2	24.4#



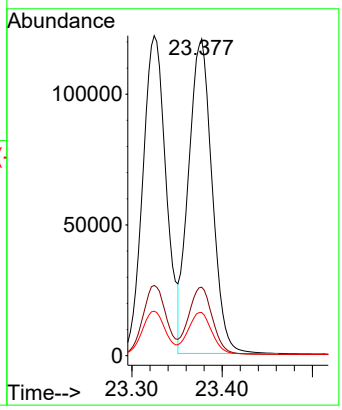


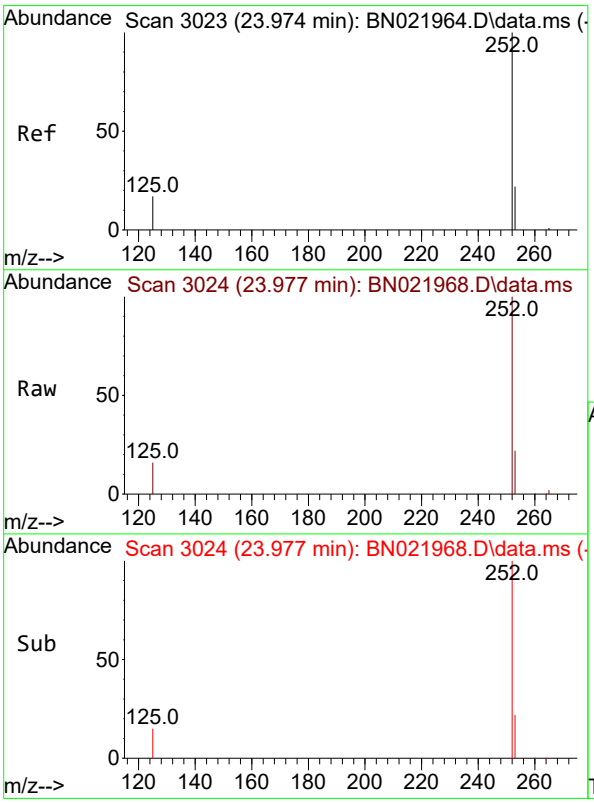
#38
Benzo(k)fluoranthene
Concen: 5.305 ng
RT: 23.377 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN021968.D
Acq: 30 Sep 2022 15:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:252 Resp: 217604

Ion	Ratio	Lower	Upper
252	100		
253	21.6	21.8	32.6#
125	13.6	15.8	23.8#

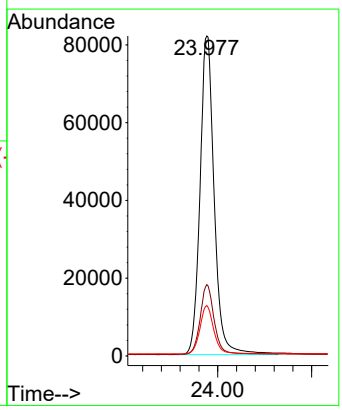


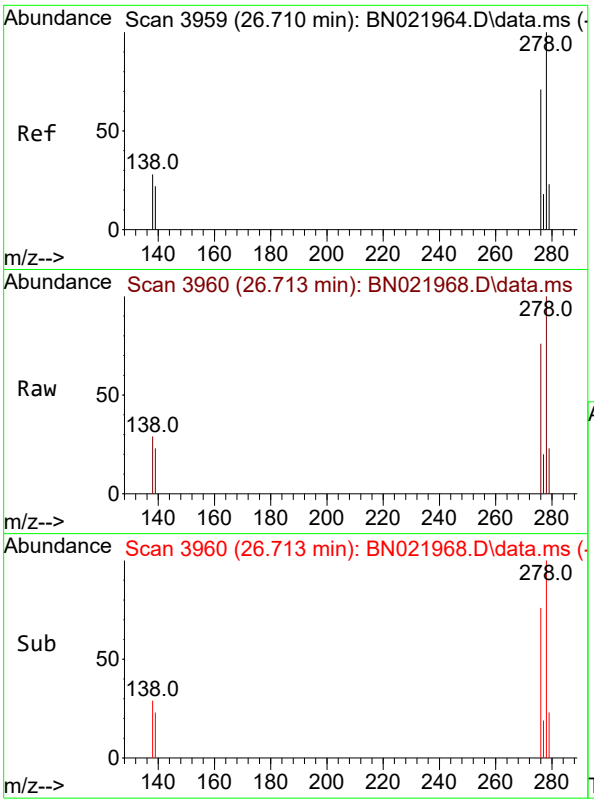


#39
Benzo(a)pyrene
Concen: 5.353 ng
RT: 23.977 min Scan# 3024
Delta R.T. 0.003 min
Lab File: BN021968.D
Acq: 30 Sep 2022 15:22

Tgt Ion:252 Resp: 171781

Ion	Ratio	Lower	Upper
252	100		
253	22.3	23.9	35.9#
125	15.7	20.9	31.3#



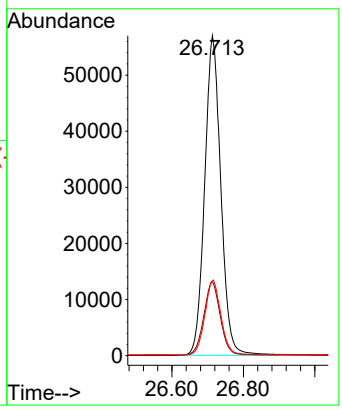


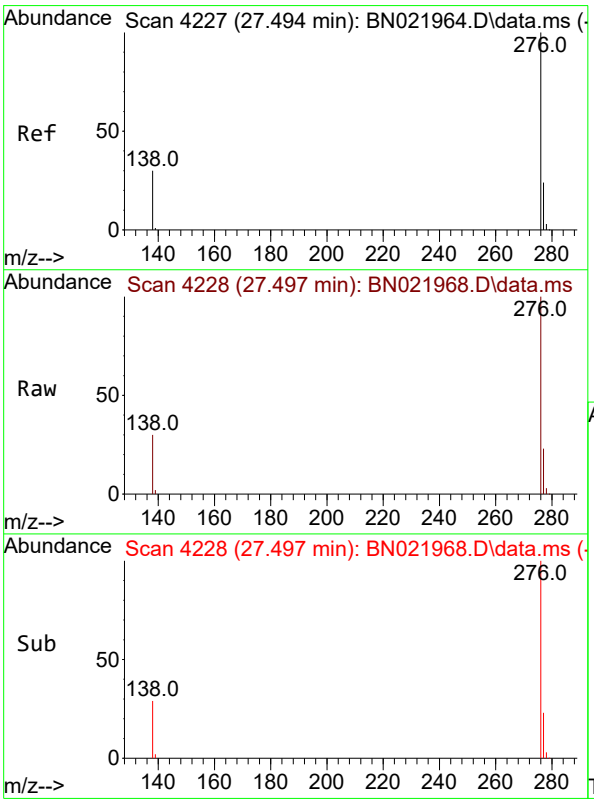
#40
Dibenzo(a,h)anthracene
Concen: 4.689 ng
RT: 26.713 min Scan# 3
Delta R.T. 0.003 min
Lab File: BN021968.D
Acq: 30 Sep 2022 15:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:278 Resp: 179129

Ion	Ratio	Lower	Upper
278	100		
139	23.0	20.1	30.1
279	23.5	21.8	32.8





#41
Benzo(g,h,i)perylene
Concen: 4.415 ng
RT: 27.497 min Scan# 4228
Delta R.T. 0.003 min
Lab File: BN021968.D
Acq: 30 Sep 2022 15:22

Tgt Ion:276 Resp: 183973

Ion	Ratio	Lower	Upper
276	100		
277	23.4	20.0	30.0
138	29.5	24.6	37.0