Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093022\
Data File : BN021966.D
Acq On : 30 Sep 2022 14:07
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: Sep 30 16:02:02 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

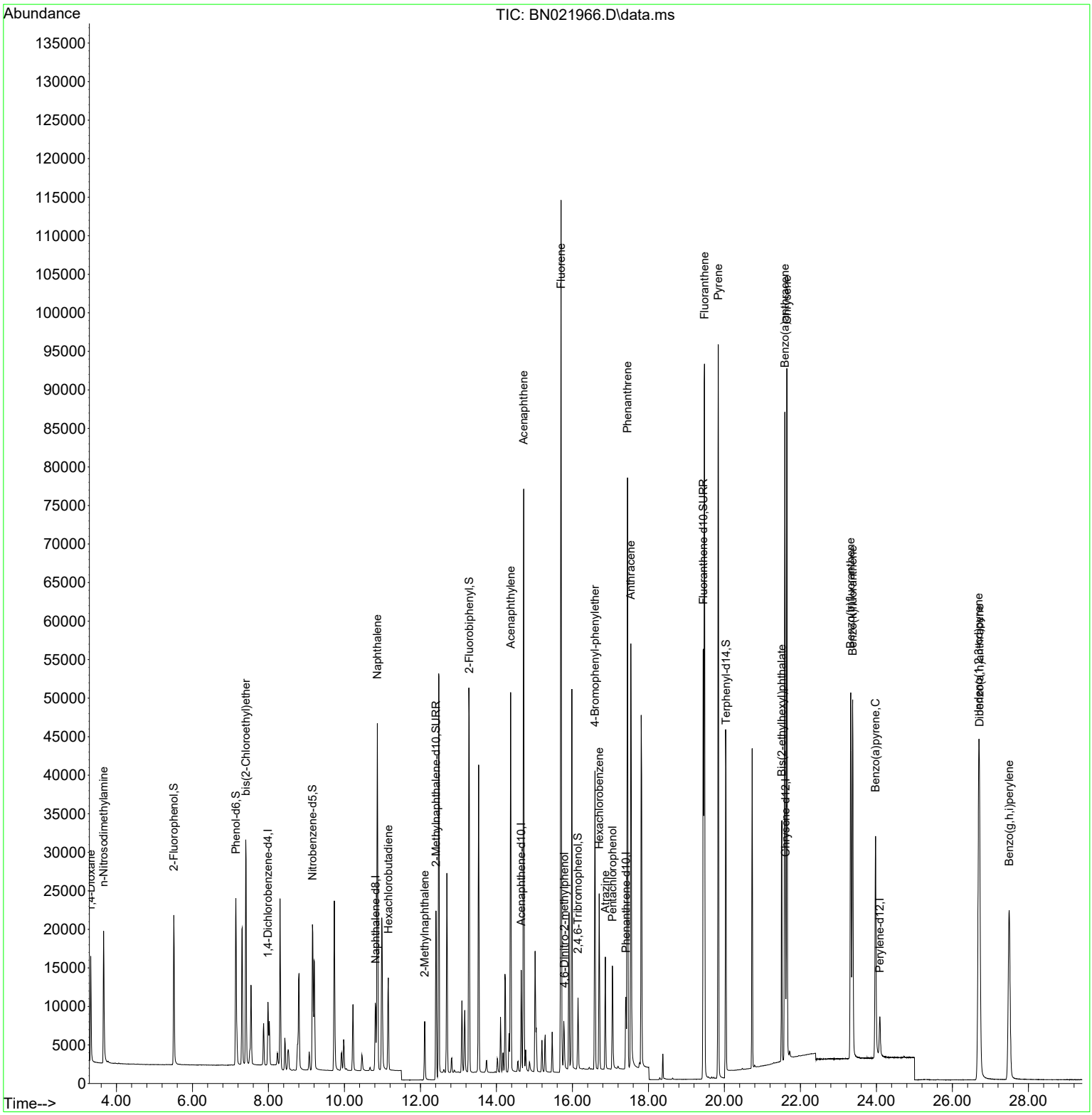
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.989	152	3988	0.400	ng		0.00
7) Naphthalene-d8	10.823	136	12129	0.400	ng	#	0.00
13) Acenaphthene-d10	14.653	164	6916	0.400	ng		0.00
19) Phenanthrene-d10	17.412	188	13915	0.400	ng	#	0.00
29) Chrysene-d12	21.609	240	11380	0.400	ng		0.00
35) Perylene-d12	24.090	264	8000	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.512	112	15923	1.500	ng		0.00
5) Phenol-d6	7.144	99	20688	1.543	ng		0.00
8) Nitrobenzene-d5	9.158	82	16568	1.635	ng		-0.01
11) 2-Methylnaphthalene-d10	12.410	152	36731	1.404	ng		0.00
14) 2,4,6-Tribromophenol	16.146	330	4794	1.617	ng		0.00
15) 2-Fluorobiphenyl	13.285	172	46252	1.512	ng		0.00
27) Fluoranthene-d10	19.445	212	59284	1.574	ng		0.00
31) Terphenyl-d14	20.042	244	34230	1.362	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.324	88	8523	1.507	ng		96
3) n-Nitrosodimethylamine	3.663	42	9655	1.691	ng	#	98
6) bis(2-Chloroethyl)ether	7.404	93	21243	1.624	ng		99
9) Naphthalene	10.866	128	57532	1.575	ng		99
10) Hexachlorobutadiene	11.154	225	9832	1.549	ng	#	100
12) 2-Methylnaphthalene	12.111	142	11459	1.595	ng	#	84
16) Acenaphthylene	14.375	152	52811	1.643	ng		99
17) Acenaphthene	14.717	154	36320	1.581	ng		99
18) Fluorene	15.701	166	43412	1.507	ng		96
20) 4,6-Dinitro-2-methylph...	15.786	198	4086	2.270	ng	#	1
21) 4-Bromophenyl-phenylether	16.593	248	13710	1.562	ng	#	82
22) Hexachlorobenzene	16.705	284	16167	1.585	ng		99
23) Atrazine	16.866	200	10992	1.525	ng	#	94
24) Pentachlorophenol	17.052	266	6521	1.842	ng		97
25) Phenanthrene	17.449	178	75144	1.577	ng		100
26) Anthracene	17.536	178	63220	1.626	ng		100
28) Fluoranthene	19.475	202	82712	1.617	ng		100
30) Pyrene	19.837	202	81816	1.555	ng		98
32) Benzo(a)anthracene	21.591	228	68854	1.561	ng		100
33) Chrysene	21.645	228	73530	1.595	ng		99
34) Bis(2-ethylhexyl)phtha...	21.511	149	30515	1.152	ng		99
36) Indeno(1,2,3-cd)pyrene	26.692	276	60509	1.429	ng		99
37) Benzo(b)fluoranthene	23.324	252	61465	1.652	ng	#	90
38) Benzo(k)fluoranthene	23.374	252	62480	1.721	ng	#	90
39) Benzo(a)pyrene	23.976	252	46316	1.631	ng	#	85
40) Dibenzo(a,h)anthracene	26.713	278	48646	1.439	ng		96
41) Benzo(g,h,i)perylene	27.493	276	50435	1.368	ng		98

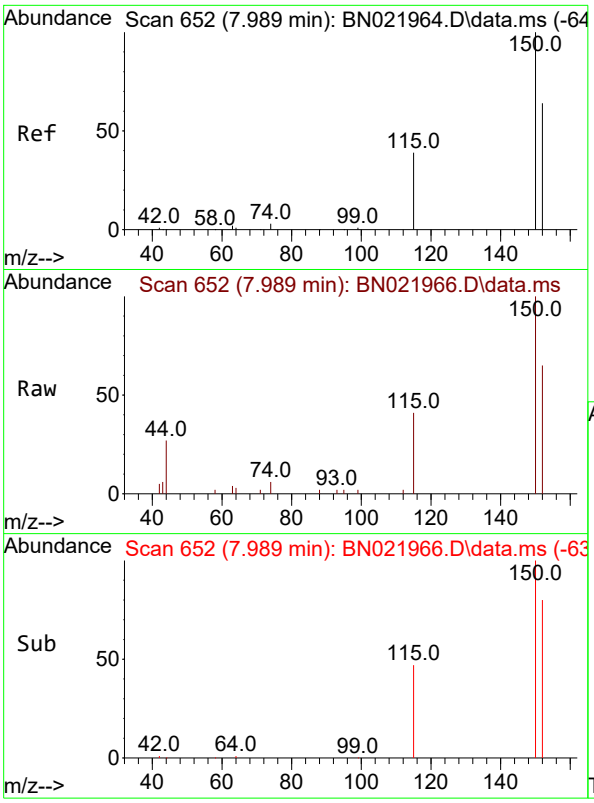
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093022\
Data File : BN021966.D
Acq On : 30 Sep 2022 14:07
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: Sep 30 16:02:02 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



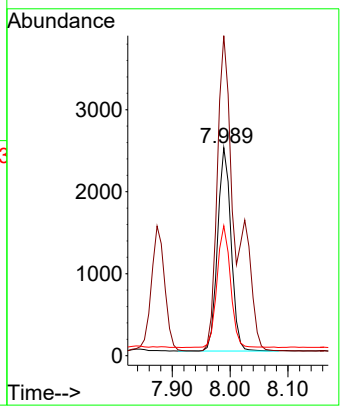


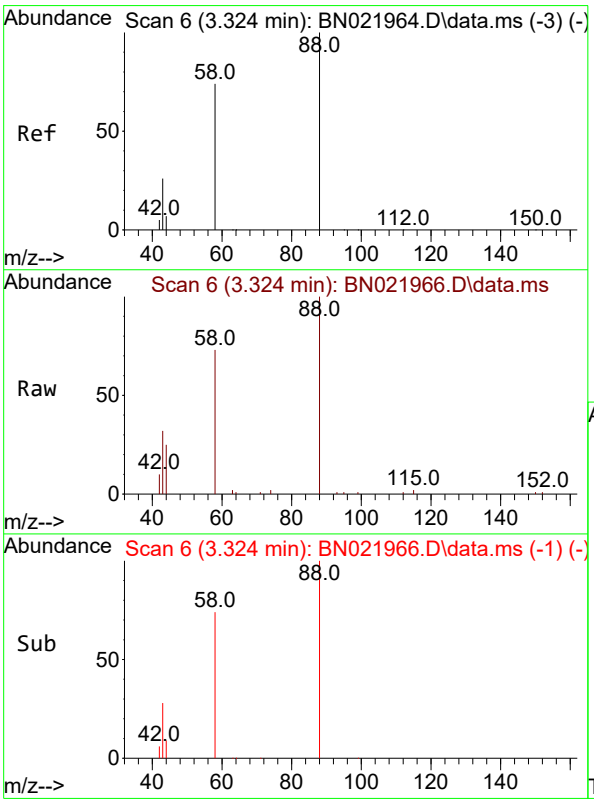
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.989 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN021966.D
Acq: 30 Sep 2022 14:07

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 3988

Ion	Ratio	Lower	Upper
152	100		
150	153.8	120.2	180.4
115	62.4	49.4	74.2

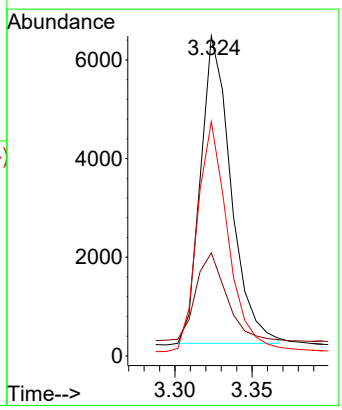


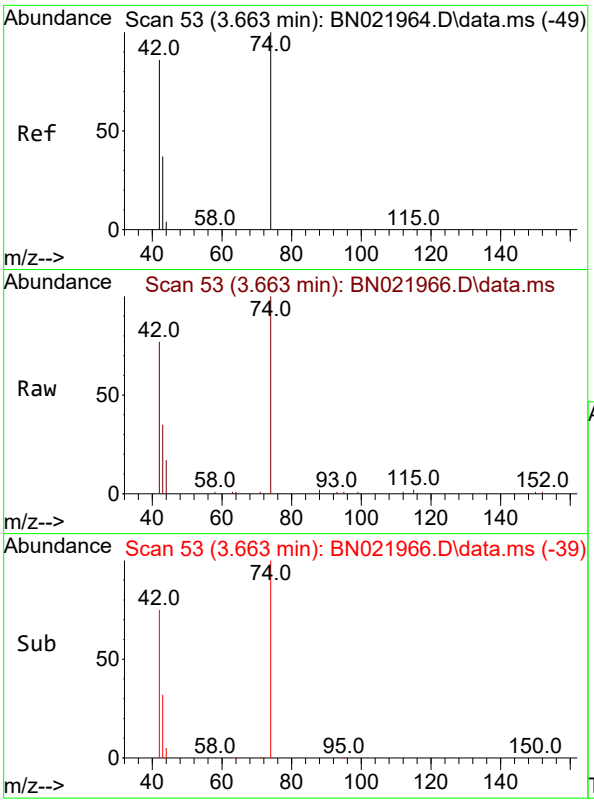


#2
1,4-Dioxane
Concen: 1.507 ng
RT: 3.324 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN021966.D
Acq: 30 Sep 2022 14:07

Tgt Ion: 88 Resp: 8523

Ion	Ratio	Lower	Upper
88	100		
43	27.6	23.8	35.6
58	71.9	59.8	89.8



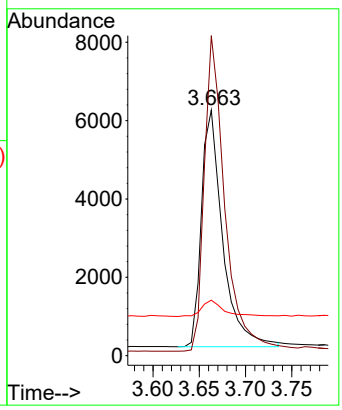


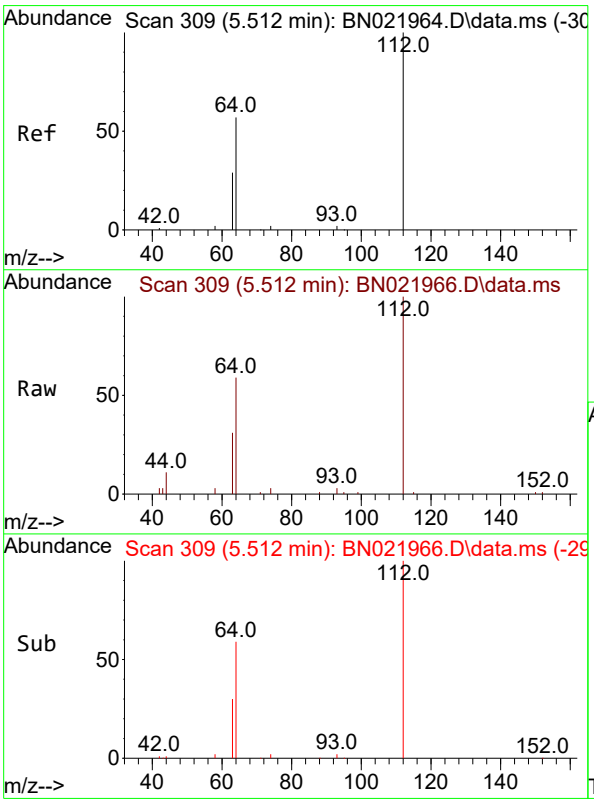
#3
n-Nitrosodimethylamine
Concen: 1.691 ng
RT: 3.663 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN021966.D
Acq: 30 Sep 2022 14:07

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion: 42 Resp: 9655

Ion	Ratio	Lower	Upper
42	100		
74	129.1	105.0	157.4
44	7.3	9.0	13.4#

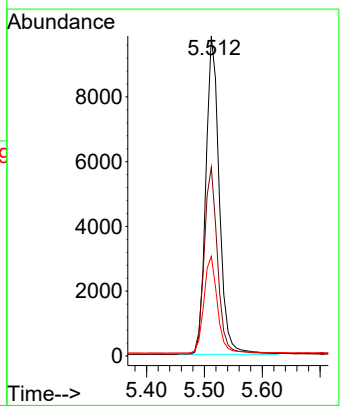


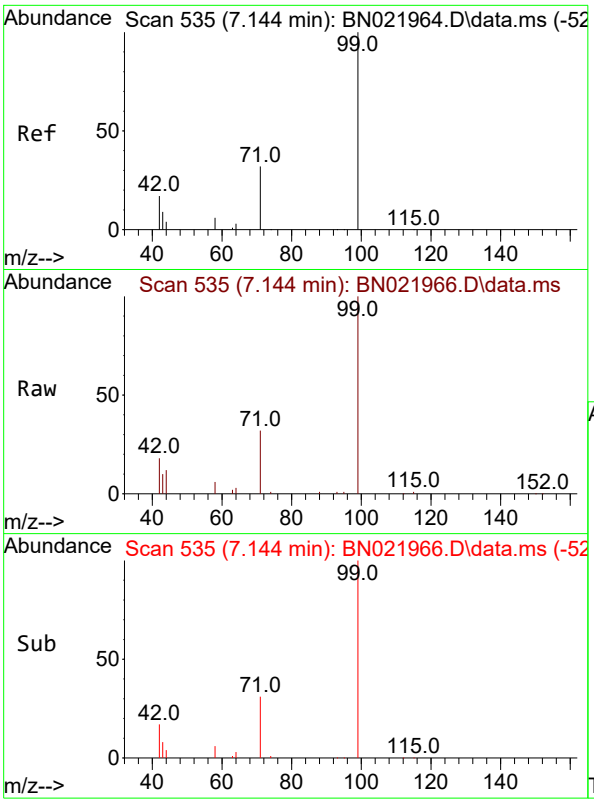


#4
2-Fluorophenol
Concen: 1.500 ng
RT: 5.512 min Scan# 309
Delta R.T. -0.000 min
Lab File: BN021966.D
Acq: 30 Sep 2022 14:07

Tgt Ion:112 Resp: 15923

Ion	Ratio	Lower	Upper
112	100		
64	58.4	45.9	68.9
63	30.5	24.0	36.0



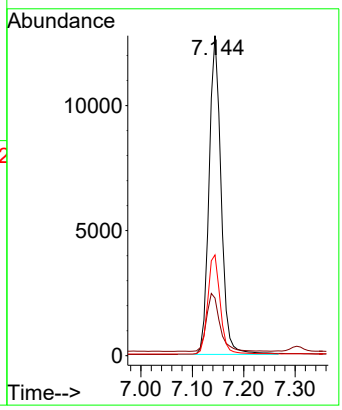


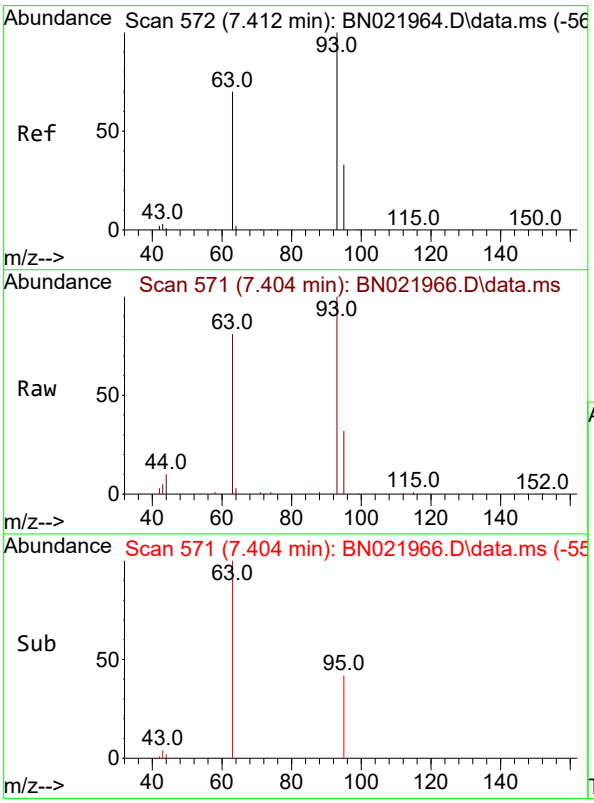
#5
Phenol-d6
Concen: 1.543 ng
RT: 7.144 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN021966.D
Acq: 30 Sep 2022 14:07

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion: 99 Resp: 20688

Ion	Ratio	Lower	Upper
99	100		
42	20.0	15.9	23.9
71	32.3	25.9	38.9

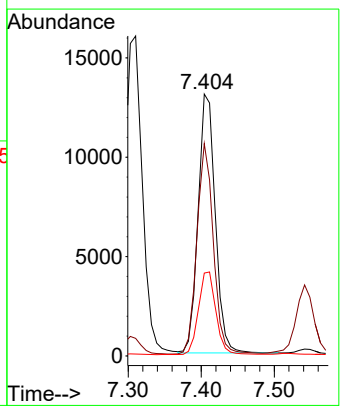


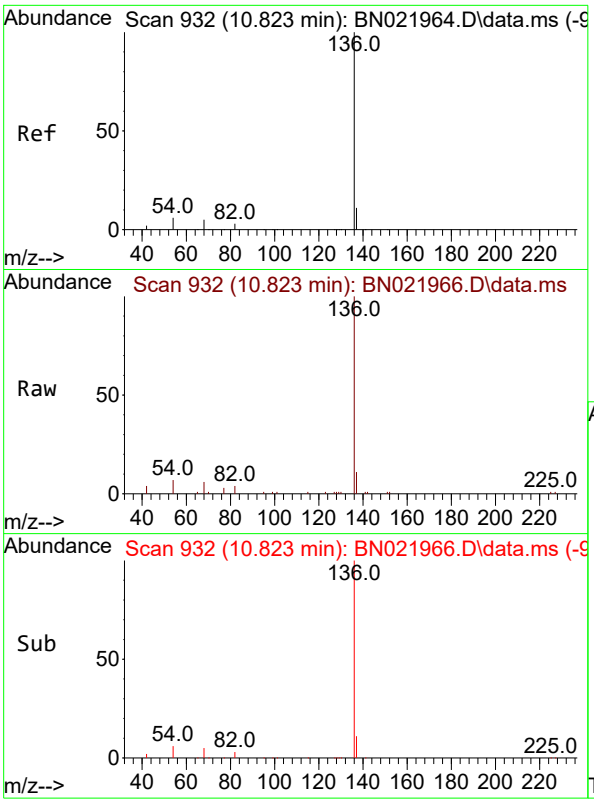


#6
bis(2-Chloroethyl)ether
Concen: 1.624 ng
RT: 7.404 min Scan# 571
Delta R.T. -0.007 min
Lab File: BN021966.D
Acq: 30 Sep 2022 14:07

Tgt Ion: 93 Resp: 21243

Ion	Ratio	Lower	Upper
93	100		
63	78.0	61.6	92.4
95	32.6	26.6	40.0



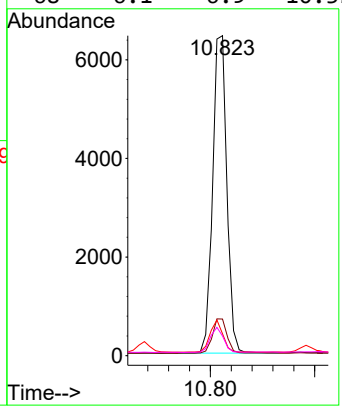


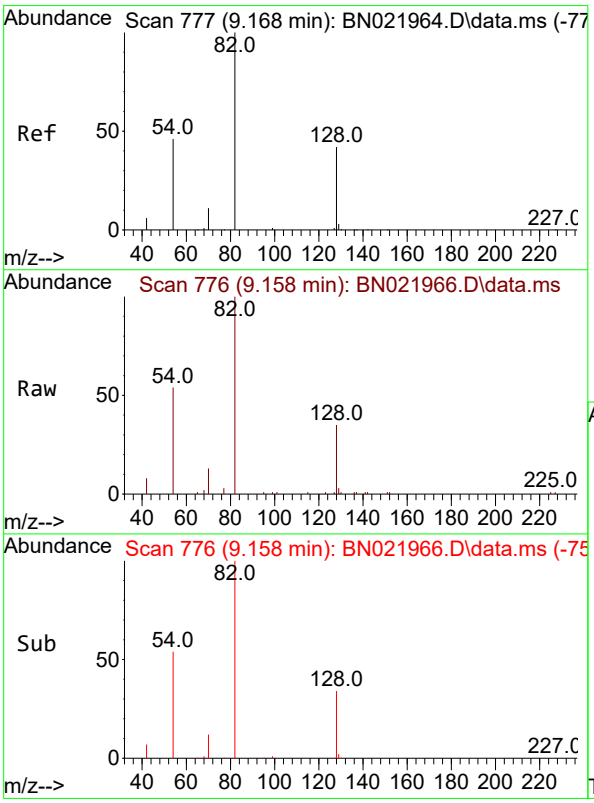
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.823 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN021966.D
Acq: 30 Sep 2022 14:07

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:136 Resp: 12129

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.4	14.2
54	6.8	7.8	11.8#
68	6.1	6.9	10.3#

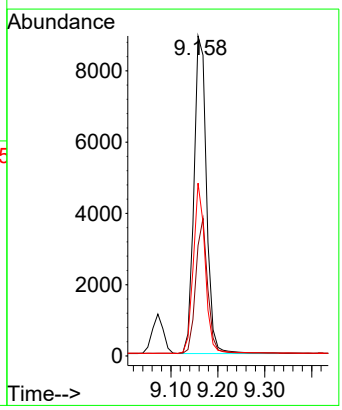


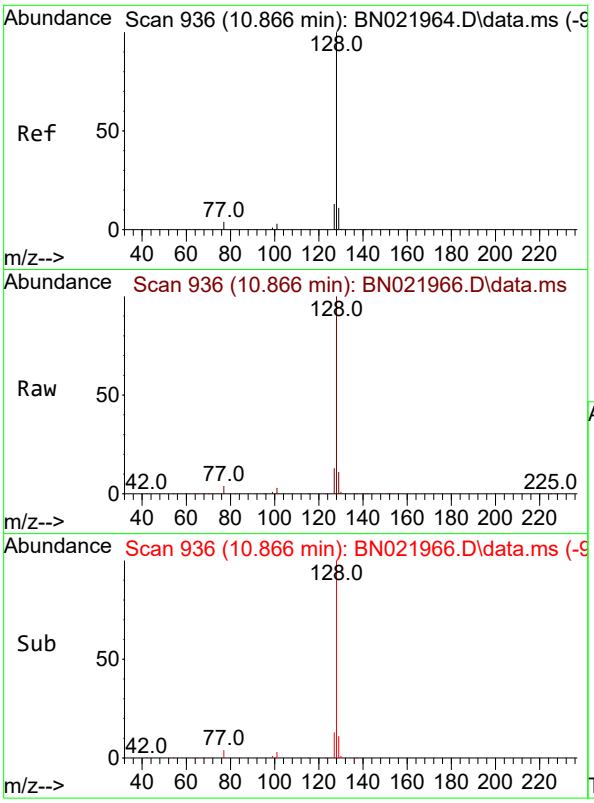


#8
Nitrobenzene-d5
Concen: 1.635 ng
RT: 9.158 min Scan# 776
Delta R.T. -0.011 min
Lab File: BN021966.D
Acq: 30 Sep 2022 14:07

Tgt Ion: 82 Resp: 16568

Ion	Ratio	Lower	Upper
82	100		
128	34.5	37.7	56.5#
54	54.0	37.1	55.7



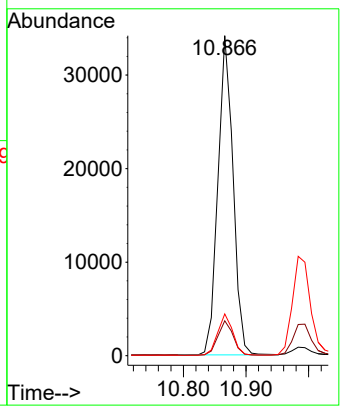


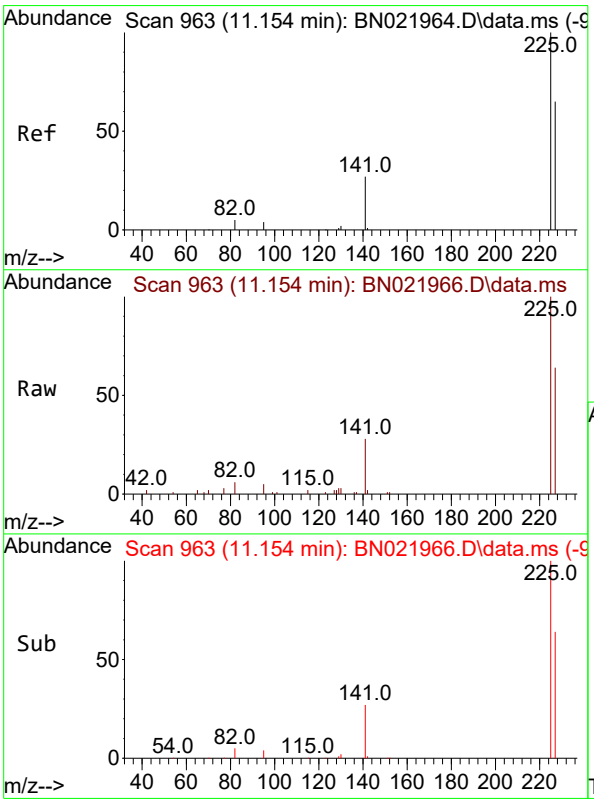
#9
Naphthalene
Concen: 1.575 ng
RT: 10.866 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN021966.D
Acq: 30 Sep 2022 14:07

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:128 Resp: 57532

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.4	14.0
127	13.0	10.6	16.0

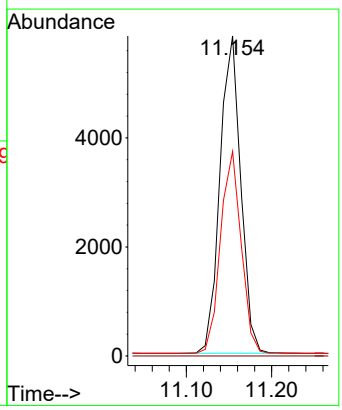


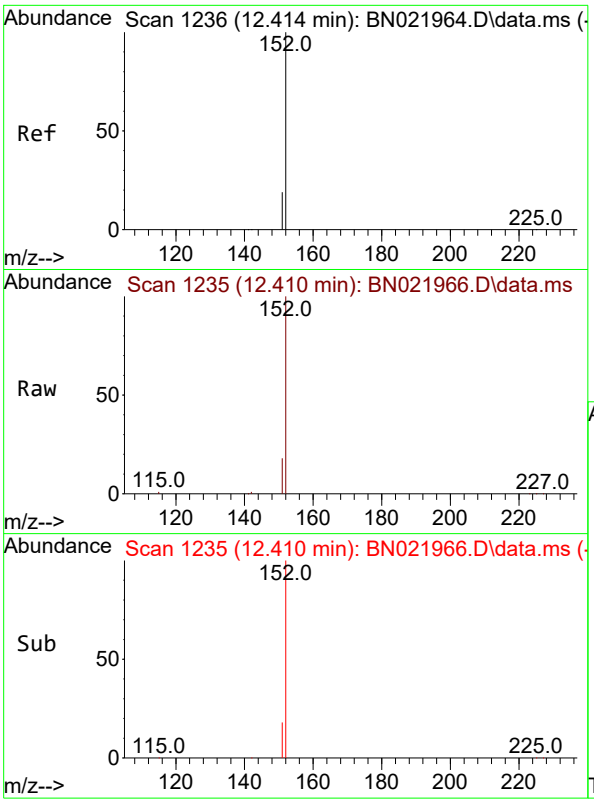


#10
Hexachlorobutadiene
Concen: 1.549 ng
RT: 11.154 min Scan# 963
Delta R.T. -0.000 min
Lab File: BN021966.D
Acq: 30 Sep 2022 14:07

Tgt Ion:225 Resp: 9832

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.3	50.5	75.7



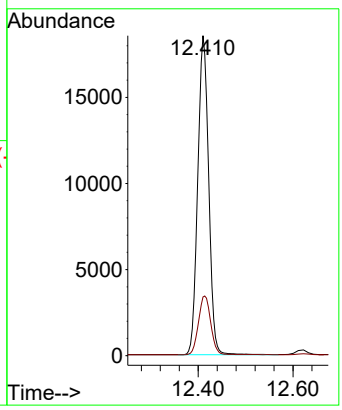


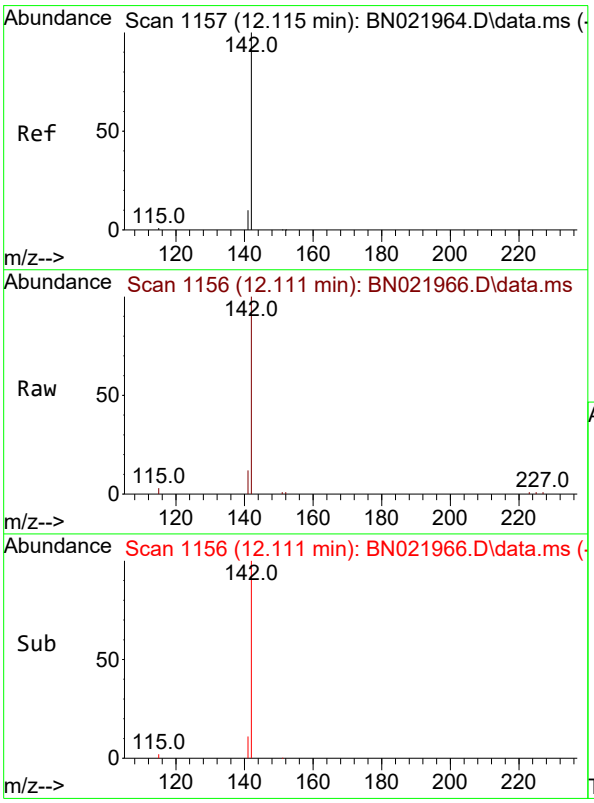
#11
2-Methylnaphthalene-d10
Concen: 1.404 ng
RT: 12.410 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN021966.D
Acq: 30 Sep 2022 14:07

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 36731

Ion	Ratio	Lower	Upper
152	100		
151	20.9	15.7	23.5

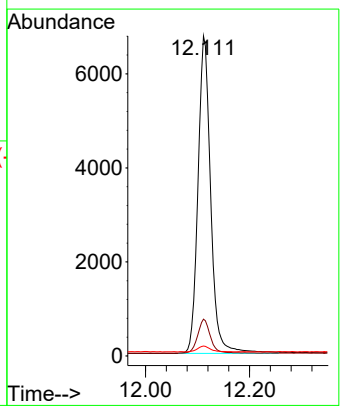


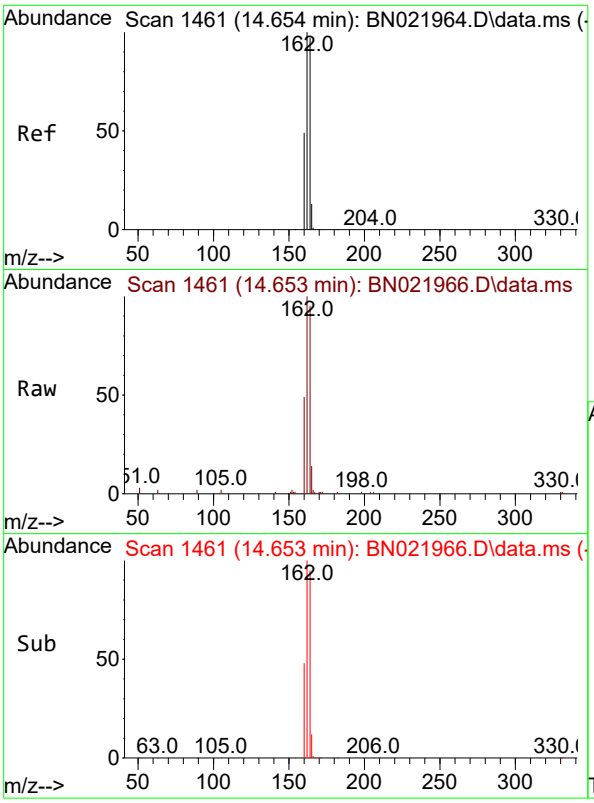


#12
2-Methylnaphthalene
Concen: 1.595 ng
RT: 12.111 min Scan# 1156
Delta R.T. -0.004 min
Lab File: BN021966.D
Acq: 30 Sep 2022 14:07

Tgt Ion:142 Resp: 11459

Ion	Ratio	Lower	Upper
142	100		
141	11.5	12.7	19.1#
115	3.1	9.6	14.4#



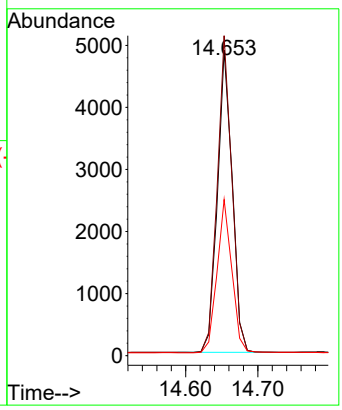


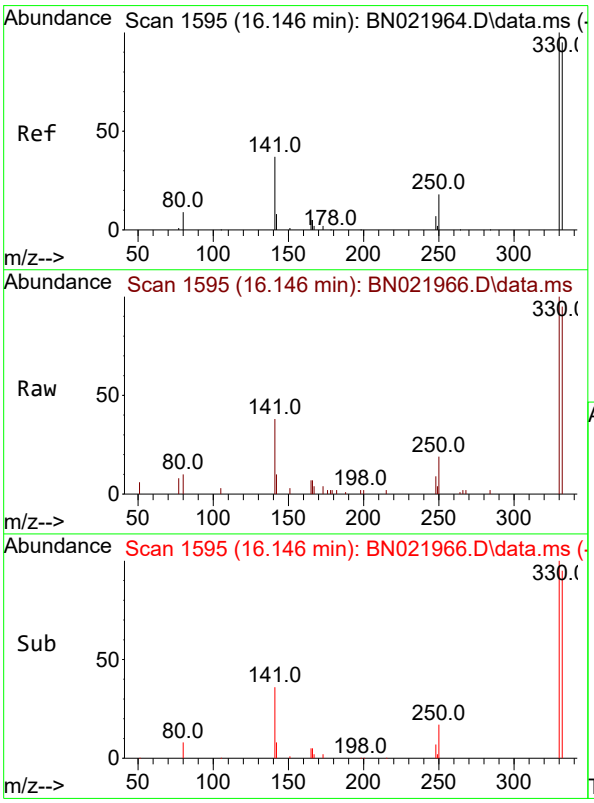
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.653 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN021966.D
Acq: 30 Sep 2022 14:07

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:164 Resp: 6916

Ion	Ratio	Lower	Upper
164	100		
162	104.7	82.8	124.2
160	51.1	39.5	59.3

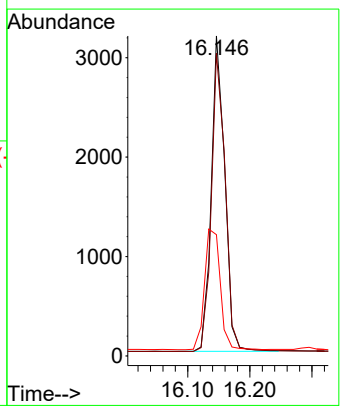


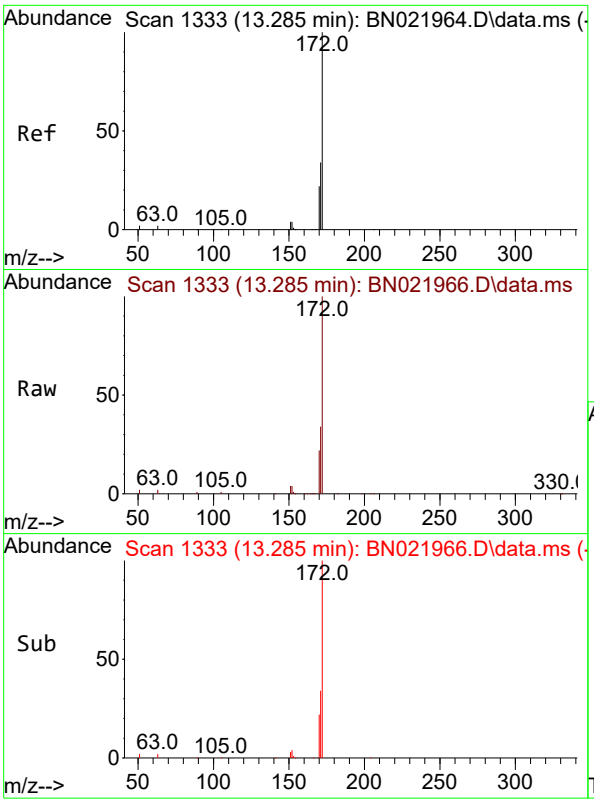


#14
2,4,6-Tribromophenol
Concen: 1.617 ng
RT: 16.146 min Scan# 1595
Delta R.T. -0.000 min
Lab File: BN021966.D
Acq: 30 Sep 2022 14:07

Tgt Ion:330 Resp: 4794

Ion	Ratio	Lower	Upper
330	100		
332	96.8	78.7	118.1
141	44.7	35.0	52.4



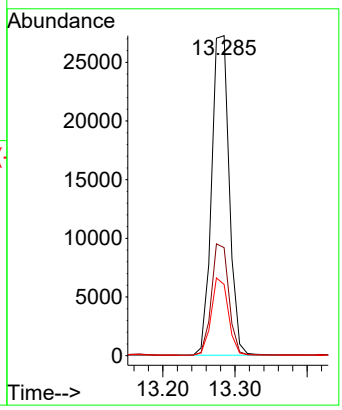


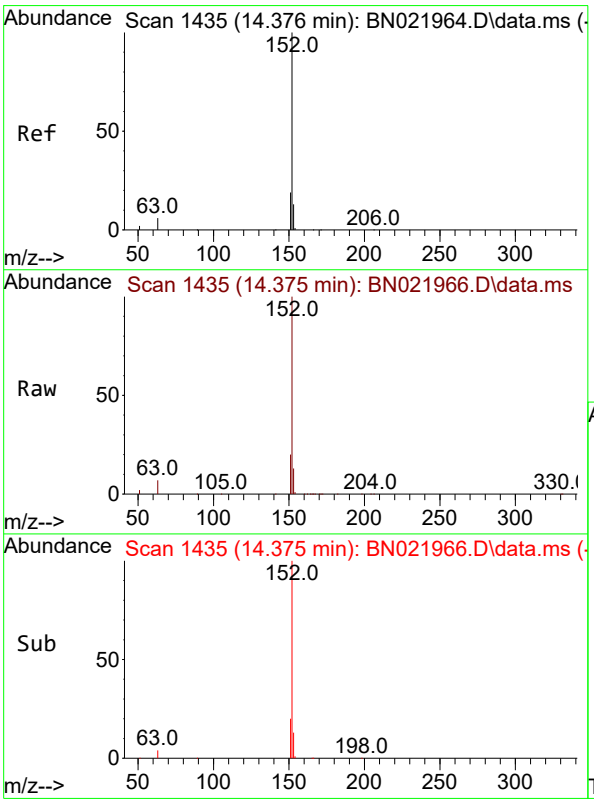
#15
2-Fluorobiphenyl
Concen: 1.512 ng
RT: 13.285 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN021966.D
Acq: 30 Sep 2022 14:07

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:172 Resp: 46252

Ion	Ratio	Lower	Upper
172	100		
171	33.8	27.4	41.2
170	22.2	18.6	28.0

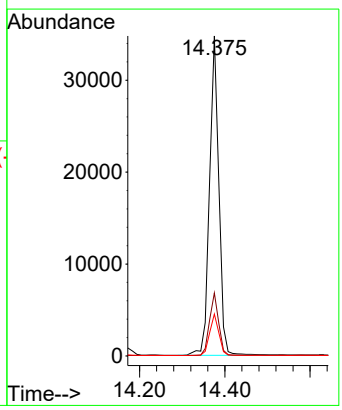


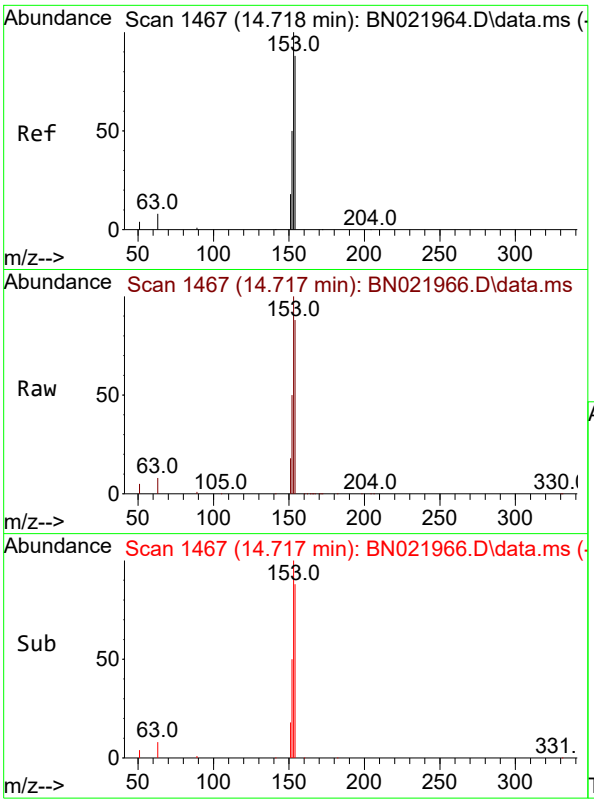


#16
Acenaphthylene
Concen: 1.643 ng
RT: 14.375 min Scan# 1435
Delta R.T. -0.000 min
Lab File: BN021966.D
Acq: 30 Sep 2022 14:07

Tgt Ion:152 Resp: 52811

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.5	23.3
153	13.0	10.6	15.8



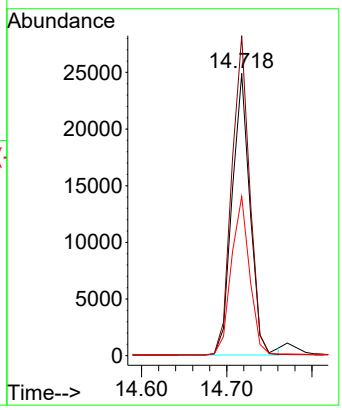


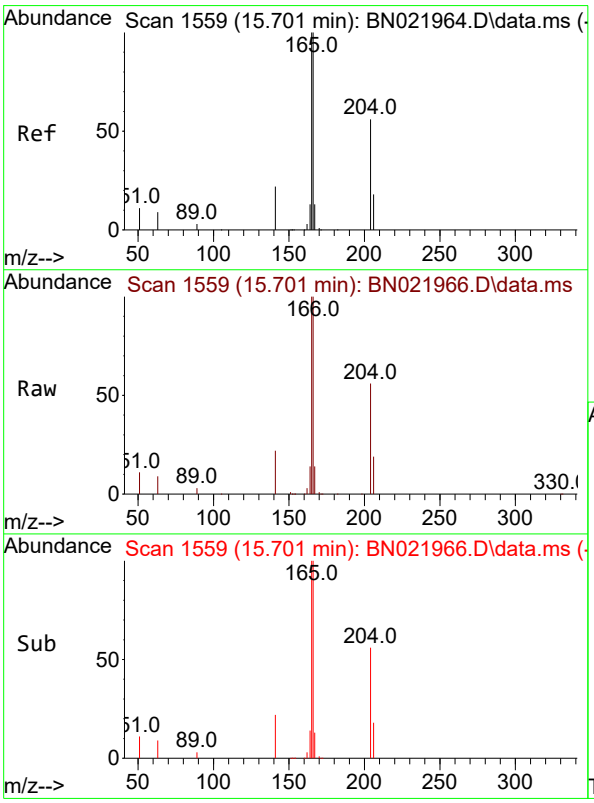
#17
Acenaphthene
Concen: 1.581 ng
RT: 14.717 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN021966.D
Acq: 30 Sep 2022 14:07

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:154 Resp: 36320

Ion	Ratio	Lower	Upper
154	100		
153	112.8	91.5	137.3
152	57.1	45.9	68.9

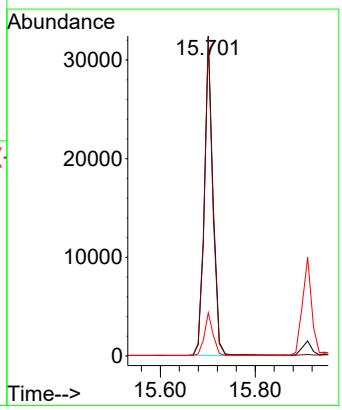


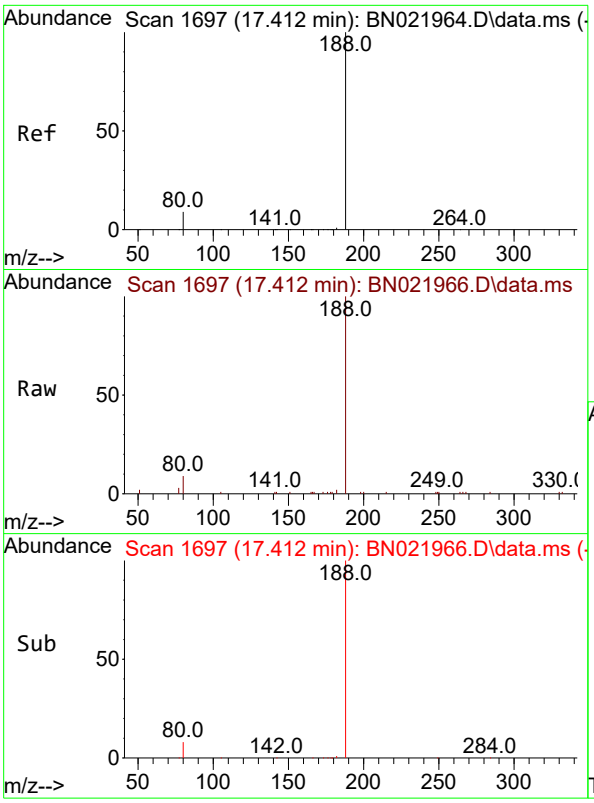


#18
Fluorene
Concen: 1.507 ng
RT: 15.701 min Scan# 1559
Delta R.T. -0.000 min
Lab File: BN021966.D
Acq: 30 Sep 2022 14:07

Tgt Ion:166 Resp: 43412

Ion	Ratio	Lower	Upper
166	100		
165	94.9	78.9	118.3
167	13.7	10.3	15.5



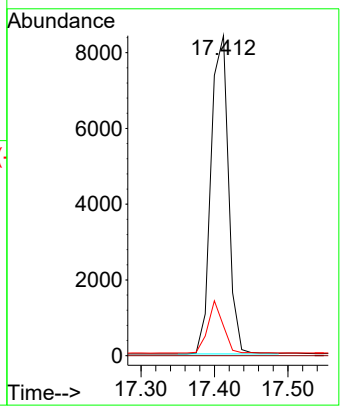


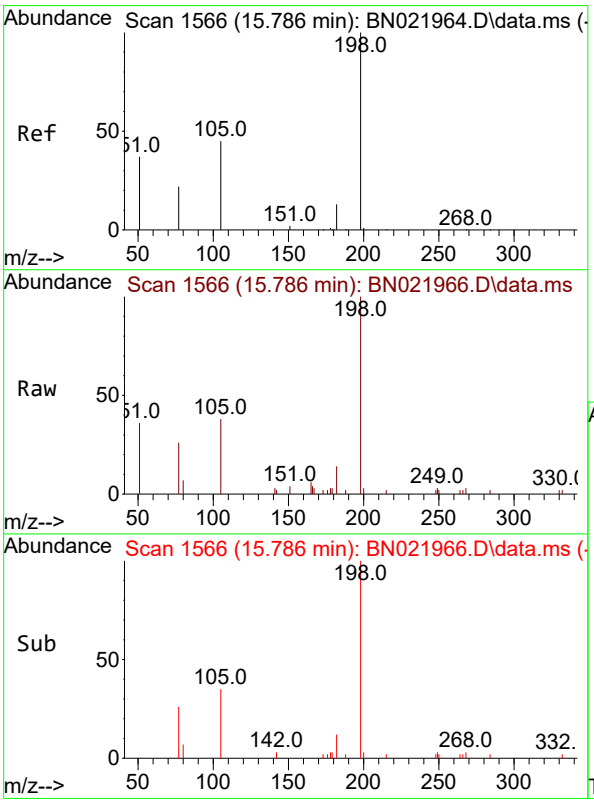
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.412 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN021966.D
Acq: 30 Sep 2022 14:07

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:188 Resp: 13915

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.3	9.4	14.2#

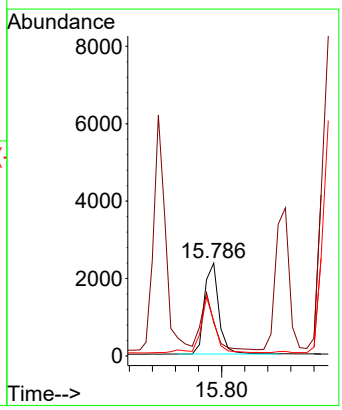


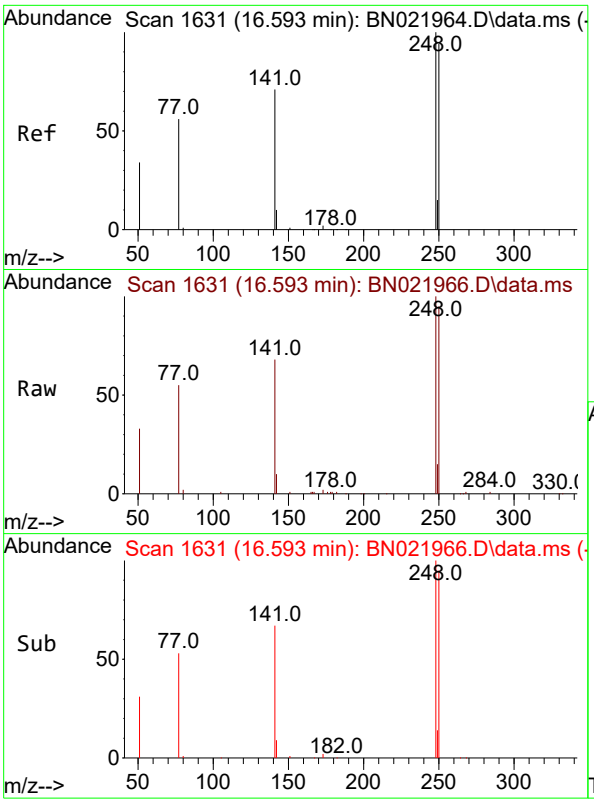


#20
4,6-Dinitro-2-methylphenol
Concen: 2.270 ng
RT: 15.786 min Scan# 1566
Delta R.T. -0.000 min
Lab File: BN021966.D
Acq: 30 Sep 2022 14:07

Tgt Ion:198 Resp: 4086

Ion	Ratio	Lower	Upper
198	100		
51	36.1	235.8	353.6#
105	37.8	61.2	91.8#



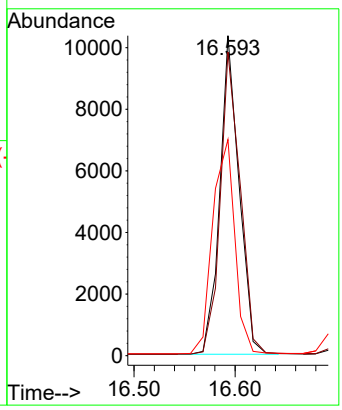


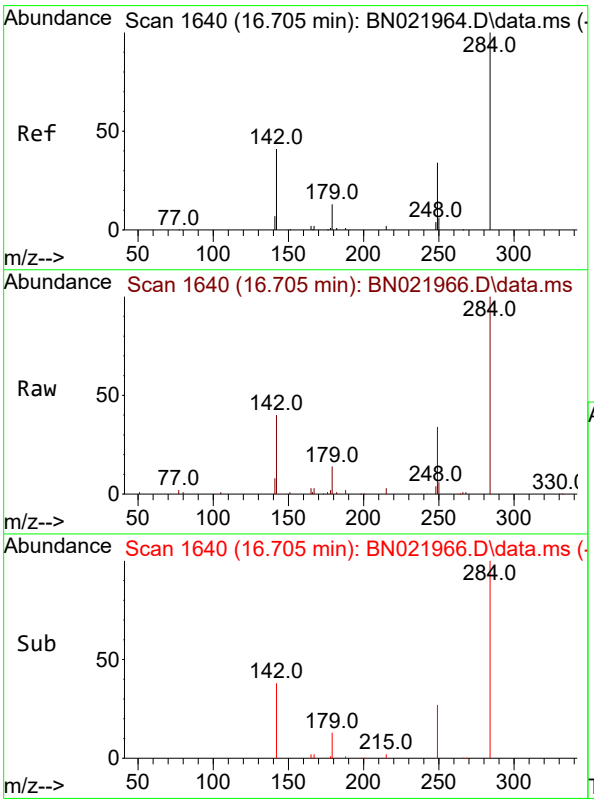
#21
4-Bromophenyl-phenylether
Concen: 1.562 ng
RT: 16.593 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN021966.D
Acq: 30 Sep 2022 14:07

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:248 Resp: 13710

Ion	Ratio	Lower	Upper
248	100		
250	94.9	72.9	109.3
141	67.5	79.0	118.6#

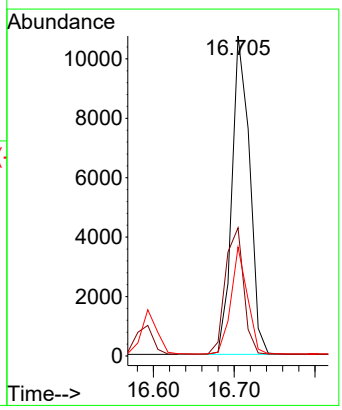


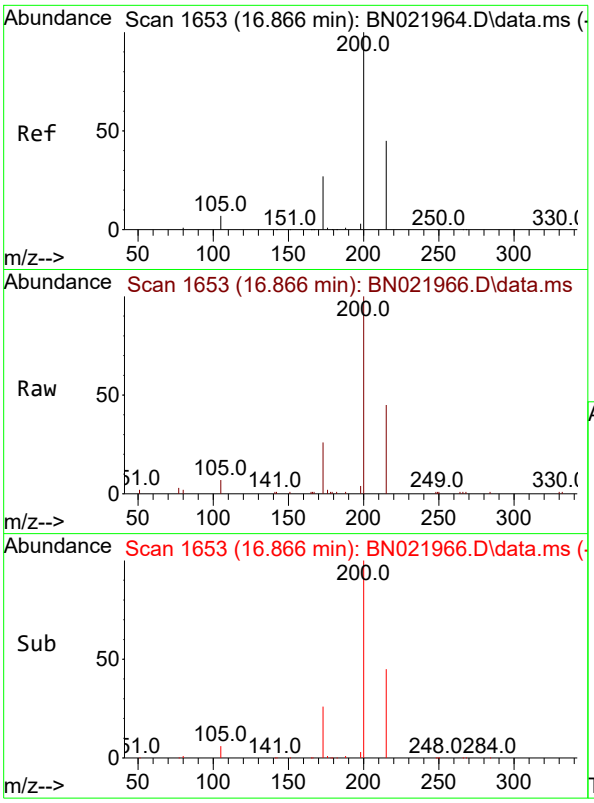


#22
Hexachlorobenzene
Concen: 1.585 ng
RT: 16.705 min Scan# 1640
Delta R.T. -0.000 min
Lab File: BN021966.D
Acq: 30 Sep 2022 14:07

Tgt Ion:284 Resp: 16167

Ion	Ratio	Lower	Upper
284	100		
142	41.4	32.6	49.0
249	31.2	25.6	38.4



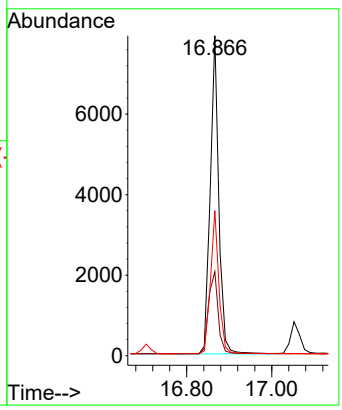


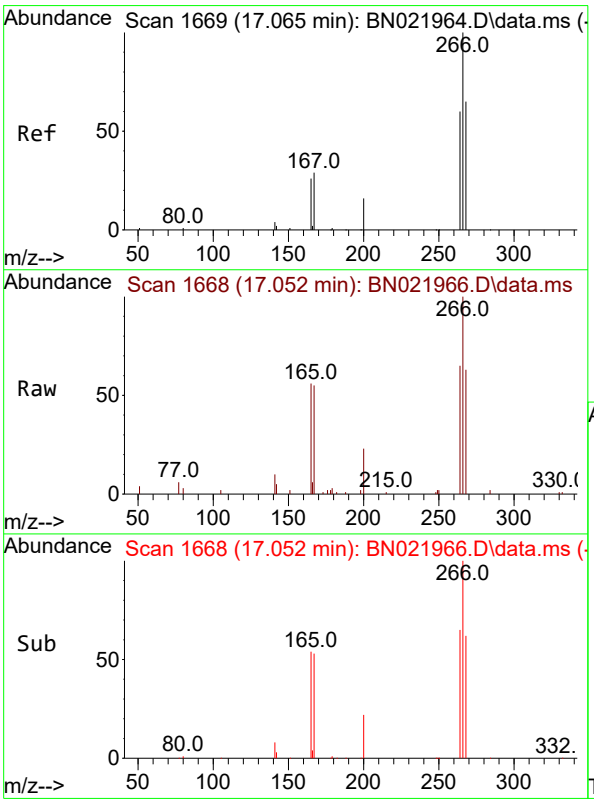
#23
Atrazine
Concen: 1.525 ng
RT: 16.866 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN021966.D
Acq: 30 Sep 2022 14:07

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:200 Resp: 10992

Ion	Ratio	Lower	Upper
200	100		
173	26.2	27.0	40.6#
215	45.3	36.8	55.2

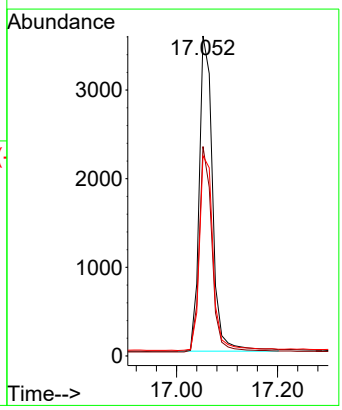


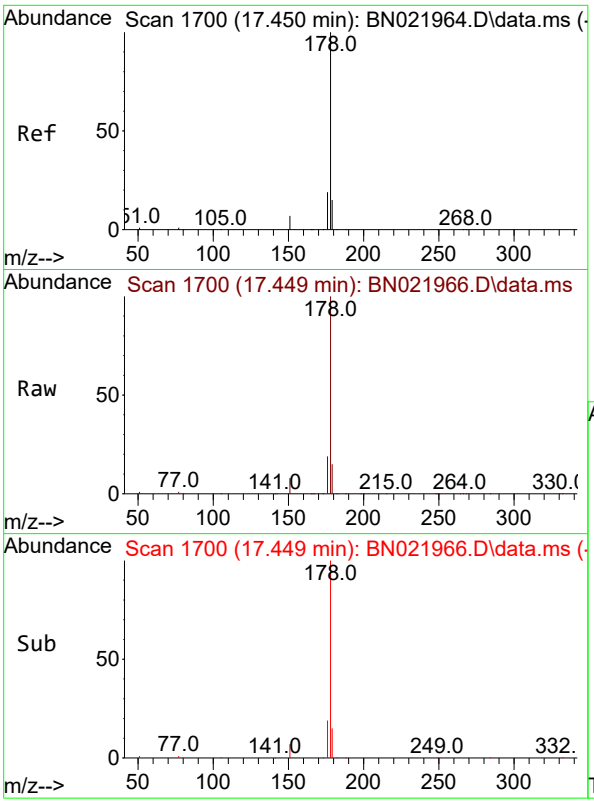


#24
Pentachlorophenol
Concen: 1.842 ng
RT: 17.052 min Scan# 1668
Delta R.T. -0.013 min
Lab File: BN021966.D
Acq: 30 Sep 2022 14:07

Tgt Ion:266 Resp: 6521

Ion	Ratio	Lower	Upper
266	100		
264	62.8	49.1	73.7
268	63.8	48.5	72.7



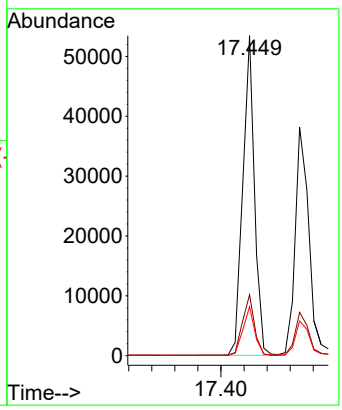


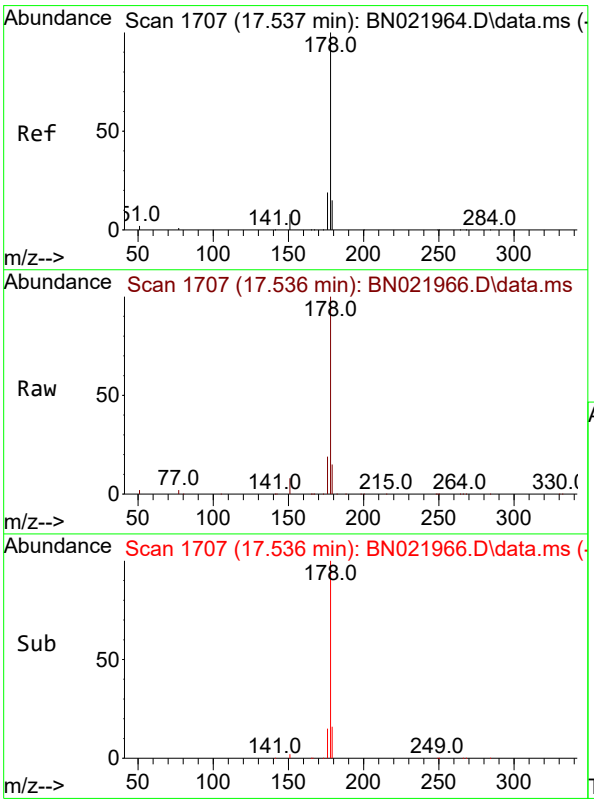
#25
Phenanthrene
Concen: 1.577 ng
RT: 17.449 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN021966.D
Acq: 30 Sep 2022 14:07

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:178 Resp: 75144

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

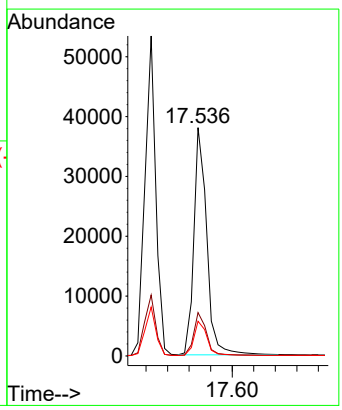


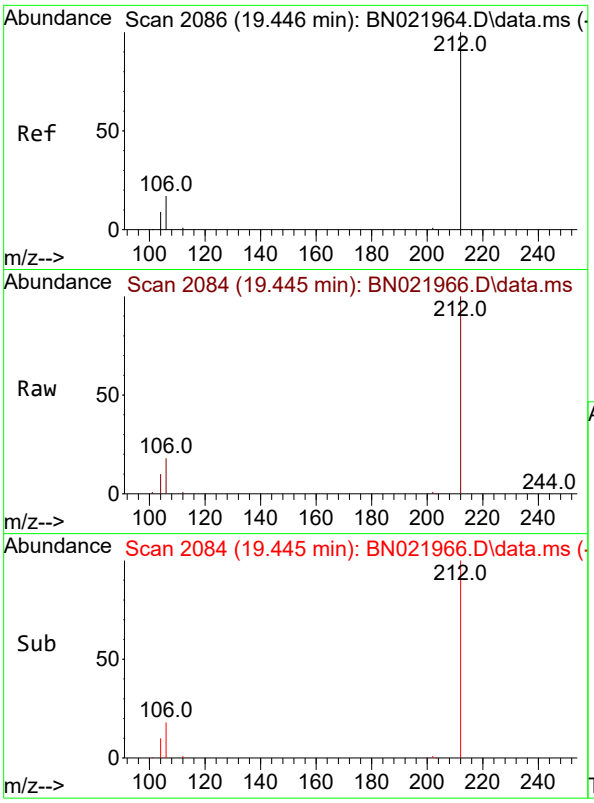


#26
Anthracene
Concen: 1.626 ng
RT: 17.536 min Scan# 1707
Delta R.T. -0.000 min
Lab File: BN021966.D
Acq: 30 Sep 2022 14:07

Tgt Ion:178 Resp: 63220

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



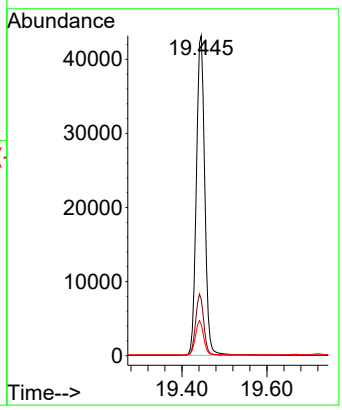


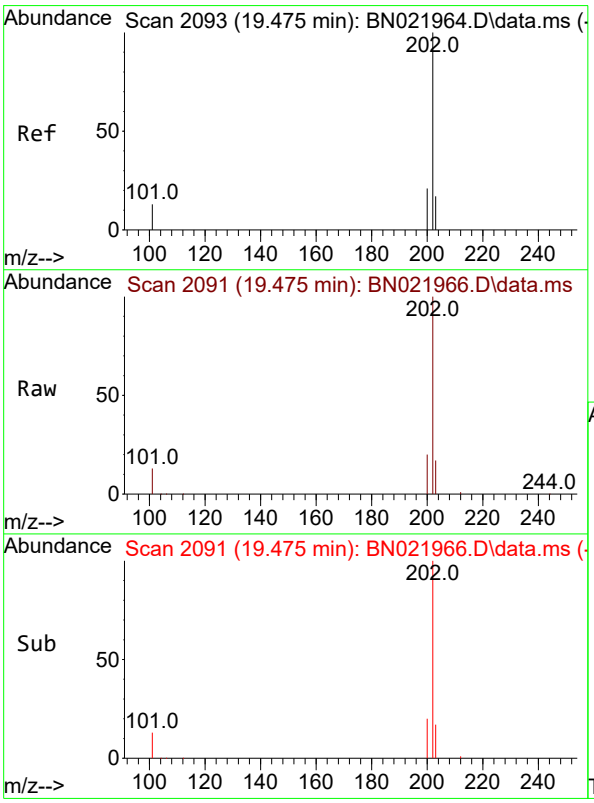
#27
Fluoranthene-d10
Concen: 1.574 ng
RT: 19.445 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN021966.D
Acq: 30 Sep 2022 14:07

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:212 Resp: 59284

Ion	Ratio	Lower	Upper
212	100		
106	18.7	14.8	22.2
104	10.4	8.4	12.6

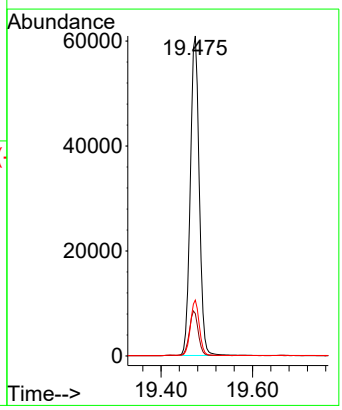


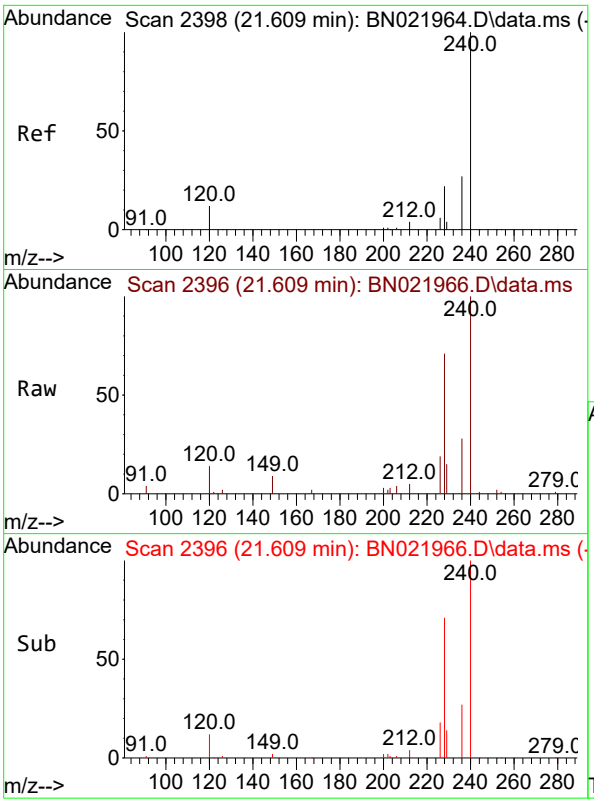


#28
Fluoranthene
Concen: 1.617 ng
RT: 19.475 min Scan# 2091
Delta R.T. -0.000 min
Lab File: BN021966.D
Acq: 30 Sep 2022 14:07

Tgt Ion:202 Resp: 82712

Ion	Ratio	Lower	Upper
202	100		
101	14.1	11.2	16.8
203	17.1	13.5	20.3



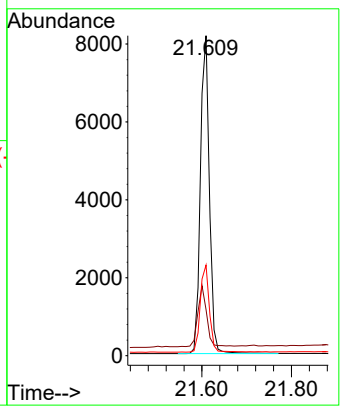


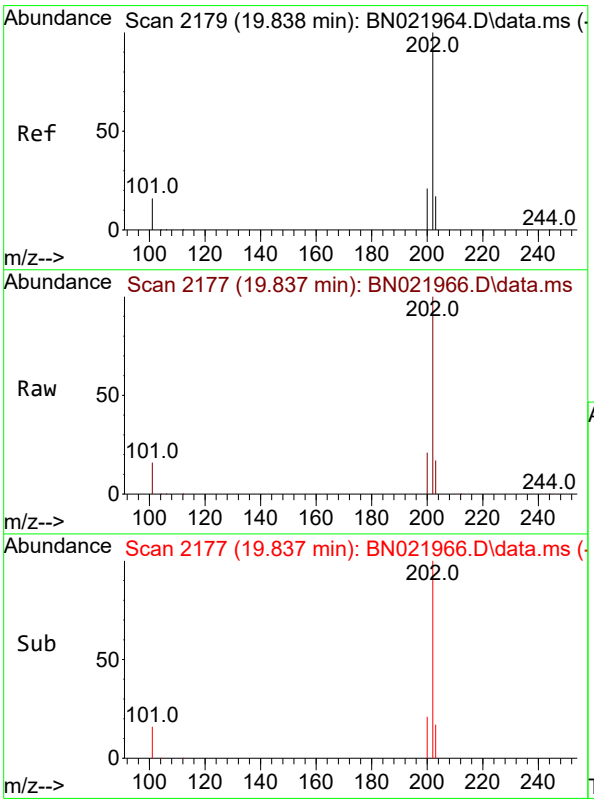
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.609 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN021966.D
Acq: 30 Sep 2022 14:07

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:240 Resp: 11380

Ion	Ratio	Lower	Upper
240	100		
120	14.4	12.2	18.2
236	28.3	22.6	34.0

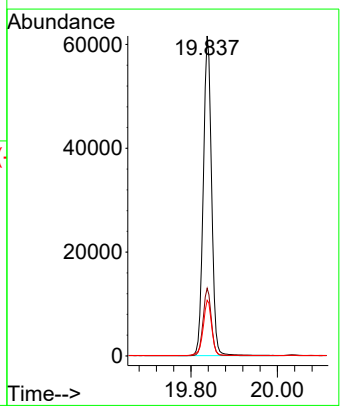


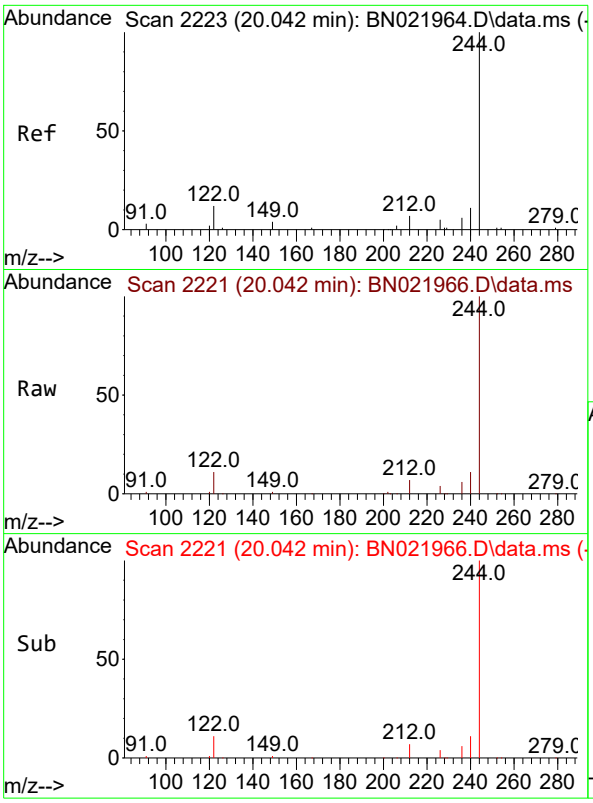


#30
Pyrene
Concen: 1.555 ng
RT: 19.837 min Scan# 2177
Delta R.T. -0.000 min
Lab File: BN021966.D
Acq: 30 Sep 2022 14:07

Tgt Ion:202 Resp: 81816

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.1	24.1
203	17.8	13.8	20.6



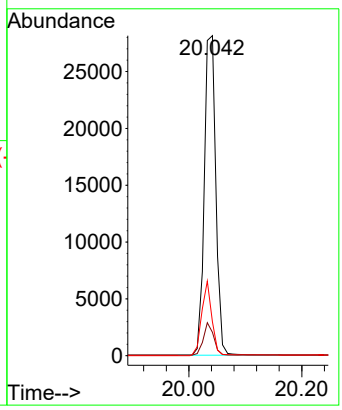


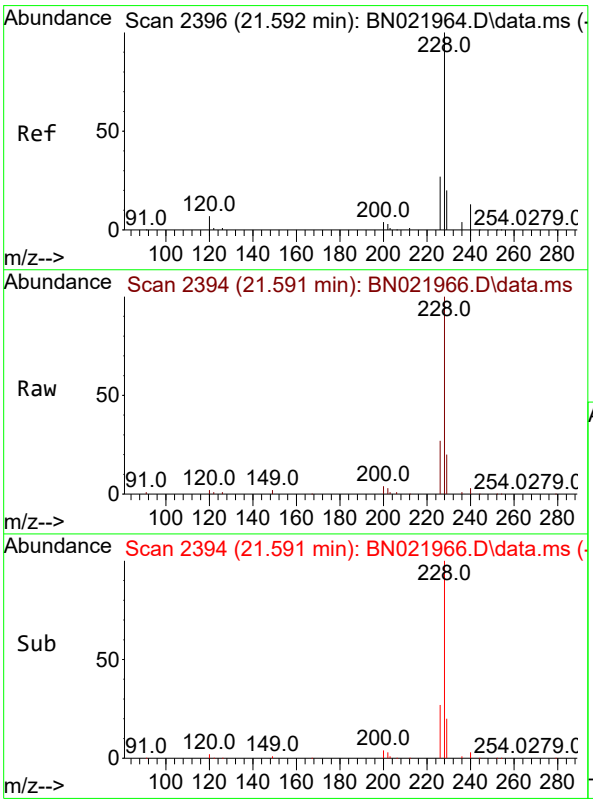
#31
Terphenyl-d14
Concen: 1.362 ng
RT: 20.042 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN021966.D
Acq: 30 Sep 2022 14:07

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:244 Resp: 34230

Ion	Ratio	Lower	Upper
244	100		
212	7.3	7.9	11.9#
122	10.6	15.3	22.9#

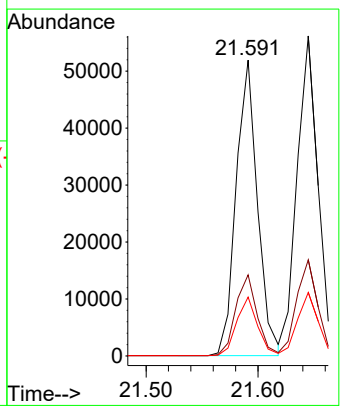


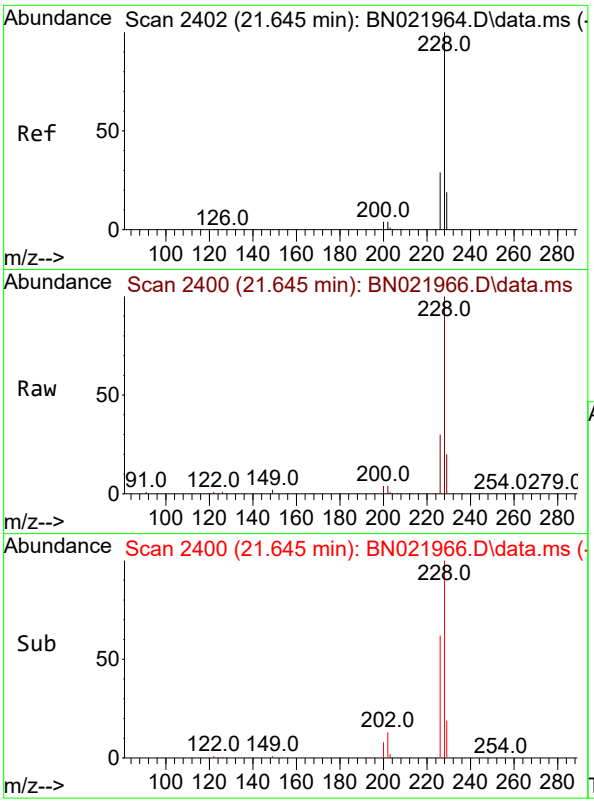


#32
Benzo(a)anthracene
Concen: 1.561 ng
RT: 21.591 min Scan# 2394
Delta R.T. -0.000 min
Lab File: BN021966.D
Acq: 30 Sep 2022 14:07

Tgt Ion:228 Resp: 68854

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.9	32.9
229	19.9	15.8	23.8



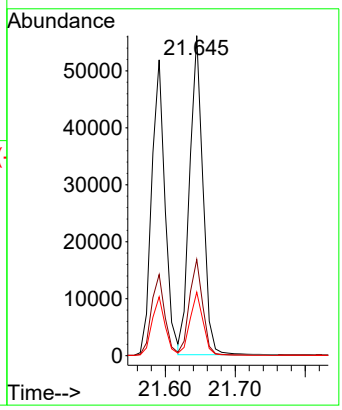


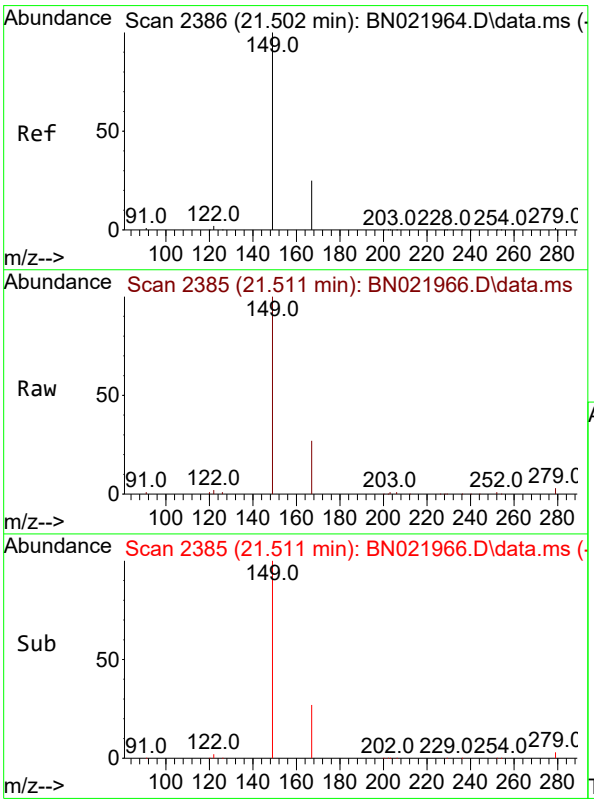
#33
Chrysene
Concen: 1.595 ng
RT: 21.645 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN021966.D
Acq: 30 Sep 2022 14:07

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:228 Resp: 73530

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.6	36.8
229	19.8	15.8	23.8

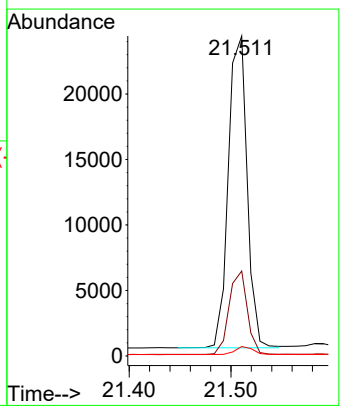


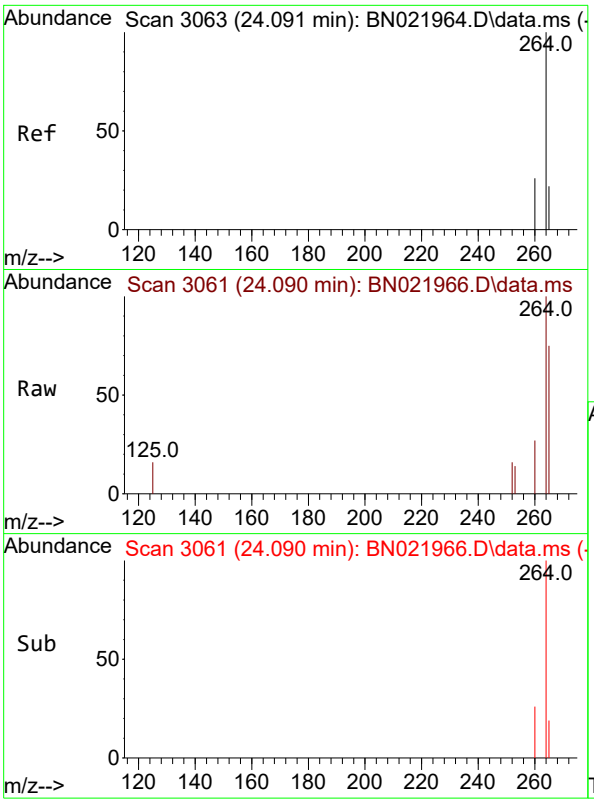


#34
Bis(2-ethylhexyl)phthalate
Concen: 1.152 ng
RT: 21.511 min Scan# 2385
Delta R.T. 0.008 min
Lab File: BN021966.D
Acq: 30 Sep 2022 14:07

Tgt Ion:149 Resp: 30515

Ion	Ratio	Lower	Upper
149	100		
167	26.0	20.6	30.8
279	2.5	2.0	3.0



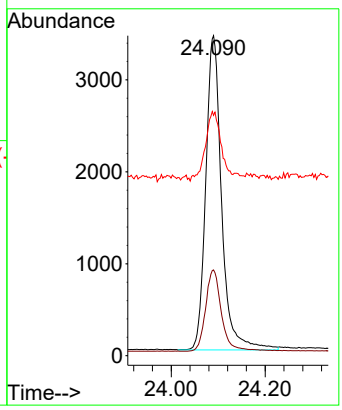


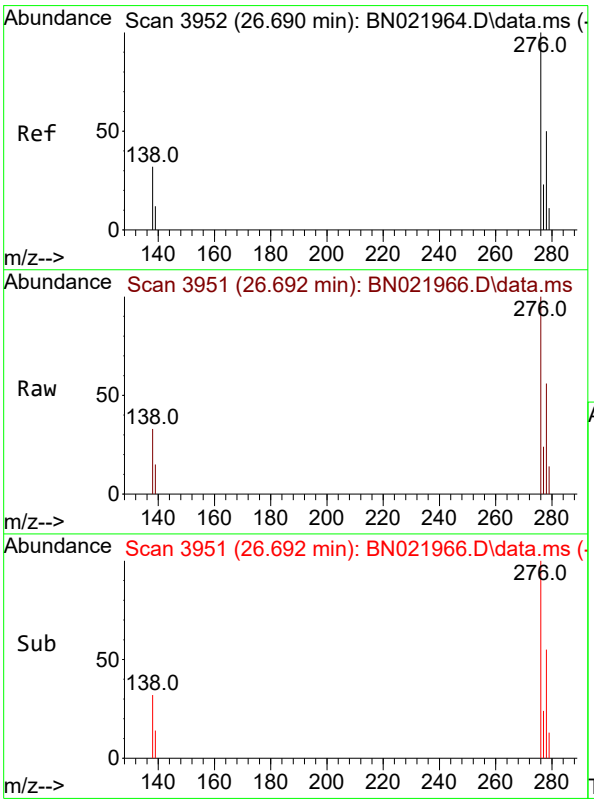
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.090 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN021966.D
Acq: 30 Sep 2022 14:07

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:264 Resp: 8000

Ion	Ratio	Lower	Upper
264	100		
260	26.8	21.0	31.4
265	75.1	67.8	101.8

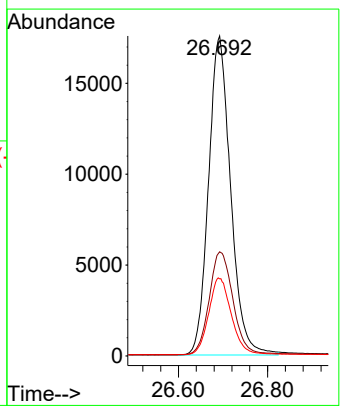


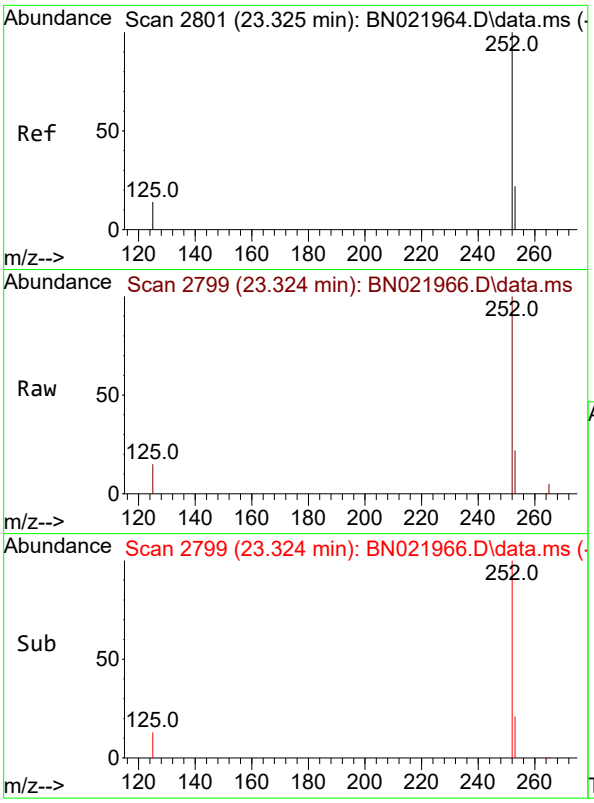


#36
Indeno(1,2,3-cd)pyrene
Concen: 1.429 ng
RT: 26.692 min Scan# 3951
Delta R.T. 0.002 min
Lab File: BN021966.D
Acq: 30 Sep 2022 14:07

Tgt Ion:276 Resp: 60509

Ion	Ratio	Lower	Upper
276	100		
138	34.6	27.3	40.9
277	24.7	19.8	29.6



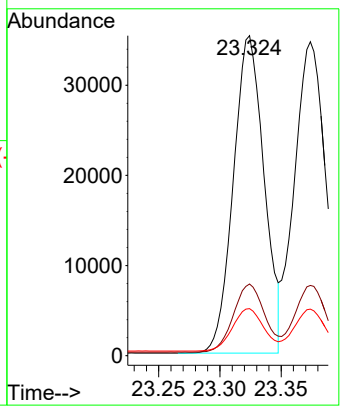


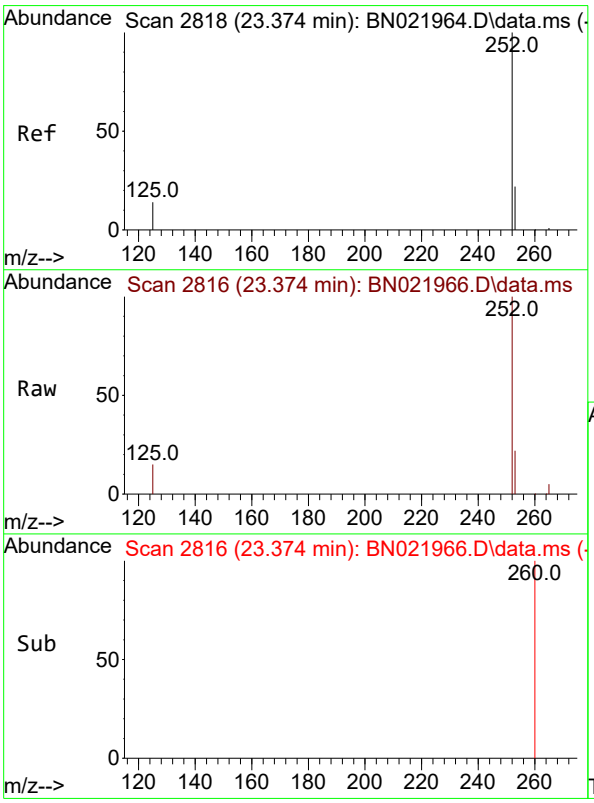
#37
Benzo(b)fluoranthene
Concen: 1.652 ng
RT: 23.324 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN021966.D
Acq: 30 Sep 2022 14:07

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 61465

Ion	Ratio	Lower	Upper
252	100		
253	22.4	21.4	32.0
125	14.7	16.2	24.4#

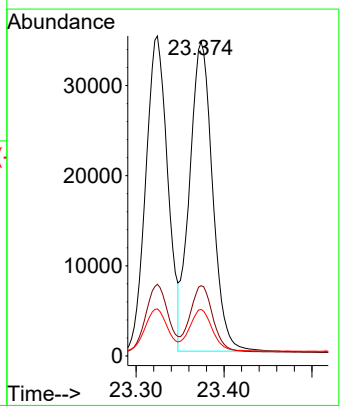


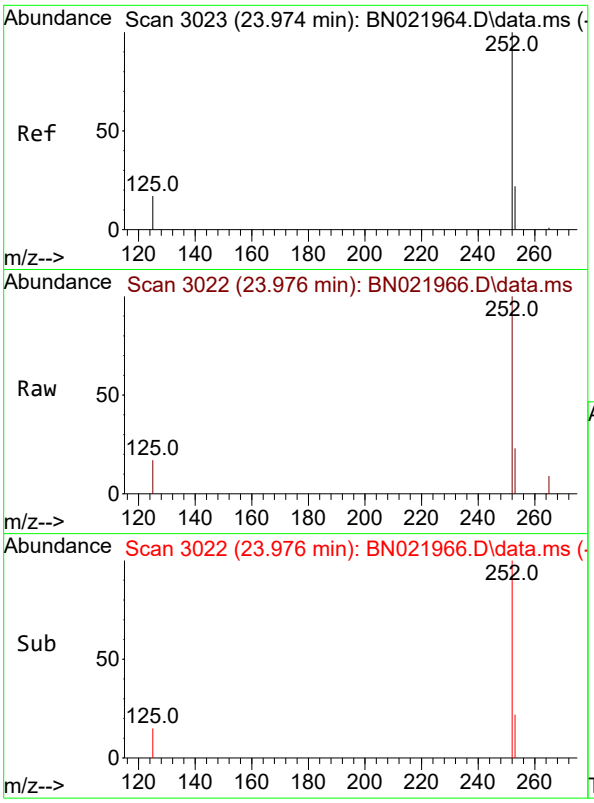


#38
Benzo(k)fluoranthene
Concen: 1.721 ng
RT: 23.374 min Scan# 2816
Delta R.T. -0.000 min
Lab File: BN021966.D
Acq: 30 Sep 2022 14:07

Tgt Ion:252 Resp: 62480

Ion	Ratio	Lower	Upper
252	100		
253	22.4	21.8	32.6
125	14.8	15.8	23.8#



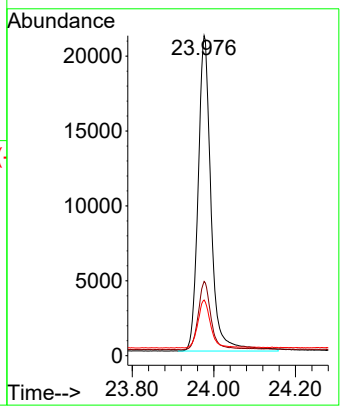


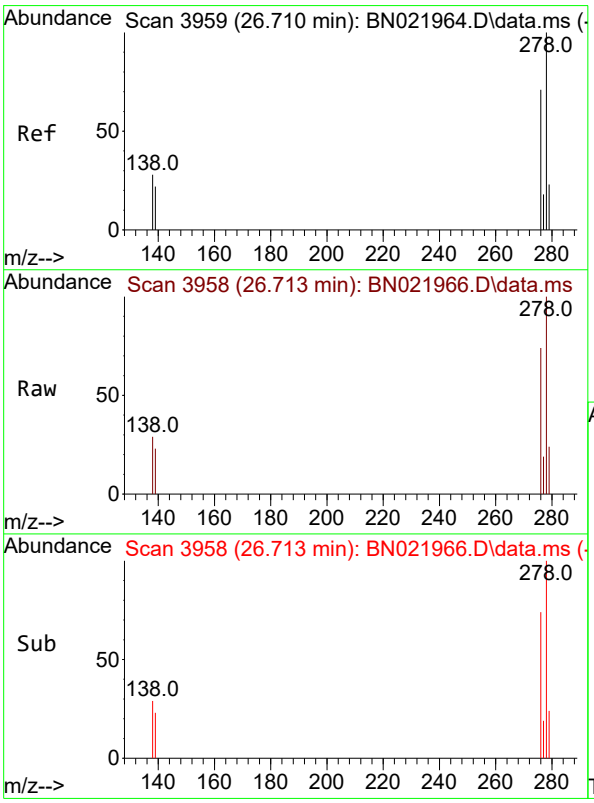
#39
Benzo(a)pyrene
Concen: 1.631 ng
RT: 23.976 min Scan# 3
Delta R.T. 0.002 min
Lab File: BN021966.D
Acq: 30 Sep 2022 14:07

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 46316

Ion	Ratio	Lower	Upper
252	100		
253	23.2	23.9	35.9#
125	17.4	20.9	31.3#

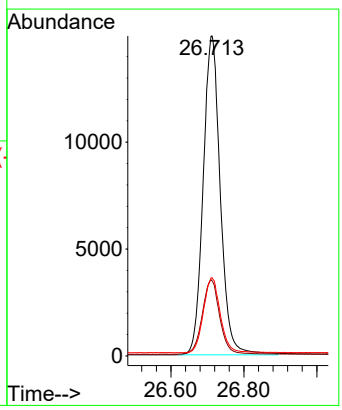


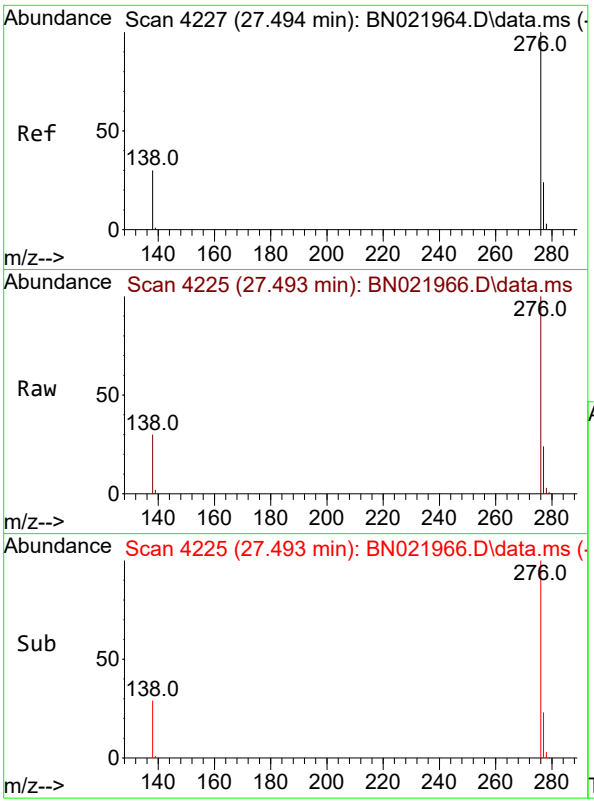


#40
Dibenzo(a,h)anthracene
Concen: 1.439 ng
RT: 26.713 min Scan# 3958
Delta R.T. 0.002 min
Lab File: BN021966.D
Acq: 30 Sep 2022 14:07

Tgt Ion:278 Resp: 48646

Ion	Ratio	Lower	Upper
278	100		
139	23.5	20.1	30.1
279	24.4	21.8	32.8





#41
Benzo(g,h,i)perylene
Concen: 1.368 ng
RT: 27.493 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN021966.D
Acq: 30 Sep 2022 14:07

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:276 Resp: 50435

Ion	Ratio	Lower	Upper
276	100		
277	23.7	20.0	30.0
138	29.8	24.6	37.0