Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100622\
Data File : BN022018.D
Acq On : 06 Oct 2022 13:59
Operator : CG/JU
Sample : N4785-05DL 25X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Quant Time: Oct 07 00:40:01 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 04 01:32:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.978	152	5160	0.400	ng		0.00
7) Naphthalene-d8	10.806	136	16353	0.400	ng		-0.01
13) Acenaphthene-d10	14.653	164	8724	0.400	ng		0.00
19) Phenanthrene-d10	17.400	188	17331	0.400	ng		#-0.01
29) Chrysene-d12	21.609	240	14984	0.400	ng		0.00
35) Perylene-d12	24.093	264	10223	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.501	112	81046	6.780	ng		-0.01
5) Phenol-d6	7.133	99	110091	7.098	ng		-0.01
8) Nitrobenzene-d5	9.151	82	51640	3.928	ng		-0.01
11) 2-Methylnaphthalene-d10	12.376	152	54	0.002	ng		-0.03
14) 2,4,6-Tribromophenol	16.146	330	26261	7.893	ng		0.00
15) 2-Fluorobiphenyl	13.274	172	145507	3.817	ng		-0.01
27) Fluoranthene-d10	19.437	212	11	0.000	ng		0.00
31) Terphenyl-d14	20.033	244	127716	4.240	ng		0.00
Target Compounds							Qvalue
6) bis(2-Chloroethyl)ether	7.393	93	106399	6.492	ng		97
9) Naphthalene	10.859	128	278329	5.636	ng		99
16) Acenaphthylene	14.365	152	200103	4.821	ng		100
17) Acenaphthene	14.707	154	50899	1.744	ng		98
18) Fluorene	15.701	166	58489	1.662	ng		99
20) 4,6-Dinitro-2-methylph...	15.774	198	1	0.192	ng	#	1
21) 4-Bromophenyl-phenylether	16.593	248	29023	2.749	ng	#	82
22) Hexachlorobenzene	16.705	284	28847	2.197	ng		99
25) Phenanthrene	17.437	178	152889	2.566	ng		100
26) Anthracene	17.536	178	343032	7.172	ng		100
28) Fluoranthene	19.470	202	107151	1.679	ng		99
30) Pyrene	19.837	202	3585	0.054	ng	#	94
32) Benzo(a)anthracene	21.591	228	225521	4.003	ng		100
33) Chrysene	21.645	228	346887	5.548	ng		99
34) Bis(2-ethylhexyl)phtha...	21.510	149	169163	6.257	ng		98
36) Indeno(1,2,3-cd)pyrene	26.692	276	227168	4.398	ng		94
37) Benzo(b)fluoranthene	23.377	252	328256	6.774	ng	#	91
38) Benzo(k)fluoranthene	23.377	252	320339	6.640	ng	#	91
39) Benzo(a)pyrene	23.979	252	195448	5.288	ng	#	83
40) Dibenzo(a,h)anthracene	26.713	278	68466	1.662	ng		95
41) Benzo(g,h,i)perylene	27.496	276	50318	1.131	ng		98

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

Quantitation Report (Not Reviewed)

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Instrument :
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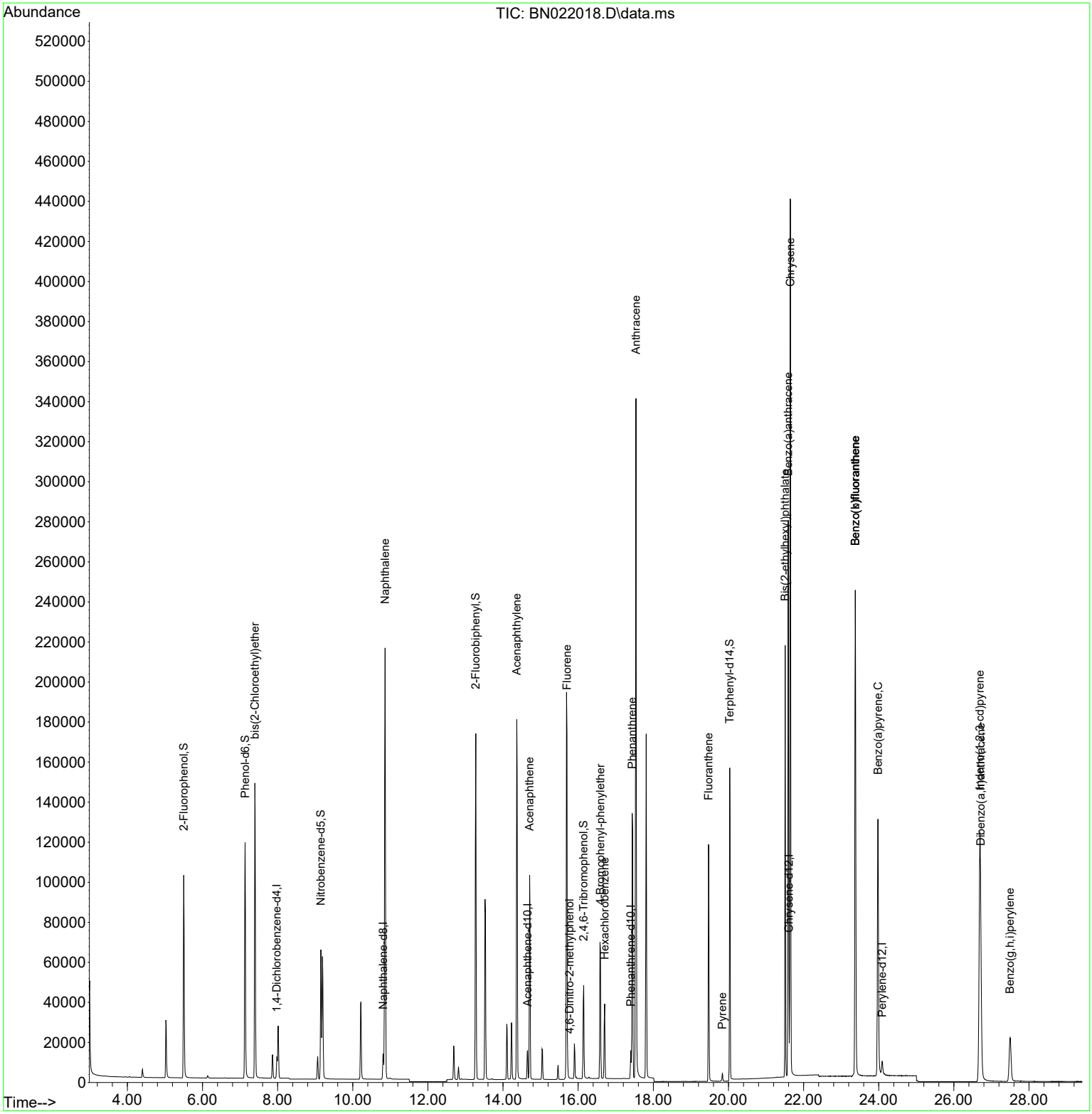
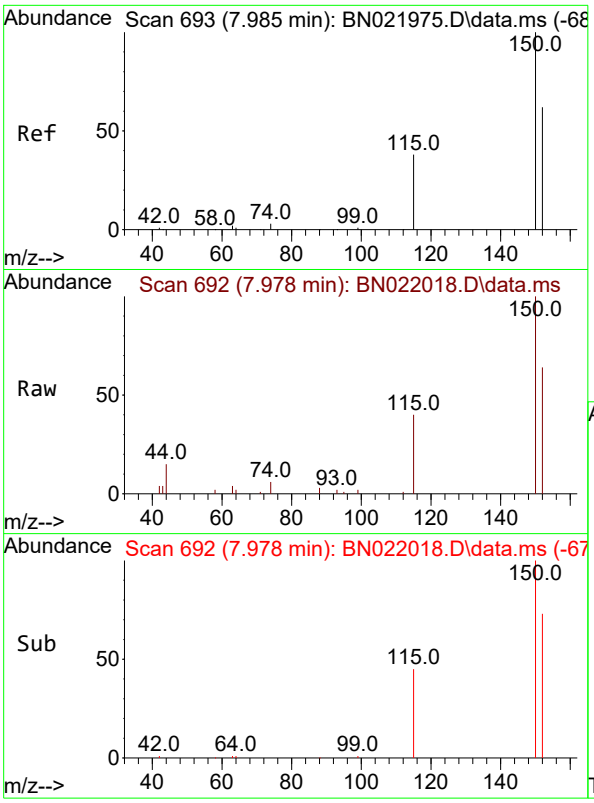
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 04 01:32:21 2022
Response via : Initial Calibration



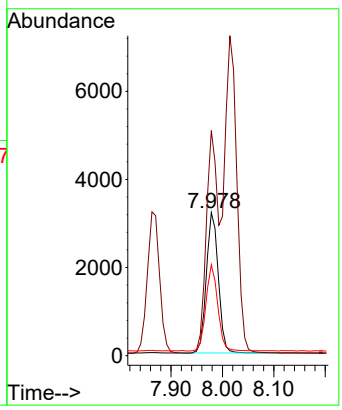


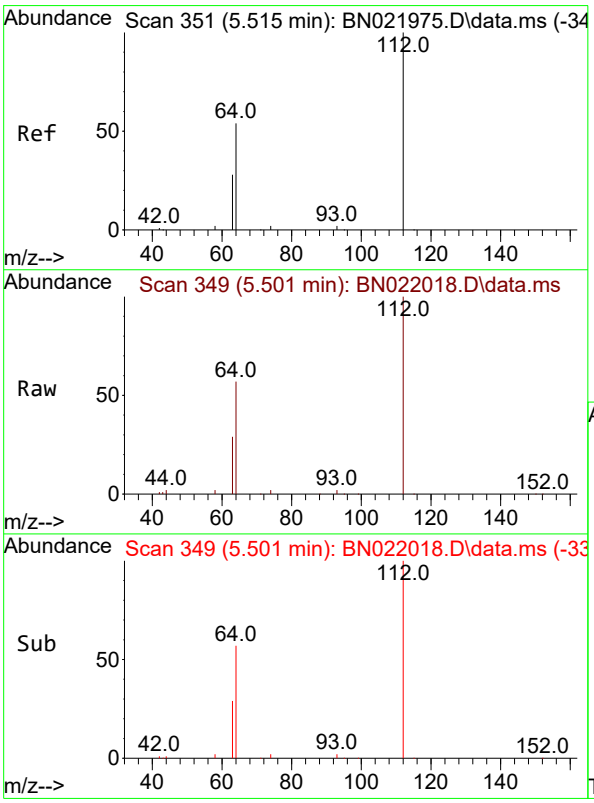
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.978 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN022018.D
Acq: 06 Oct 2022 13:59

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Tgt Ion:152 Resp: 5160

Ion	Ratio	Lower	Upper
152	100		
150	157.4	127.2	190.8
115	63.5	51.4	77.0

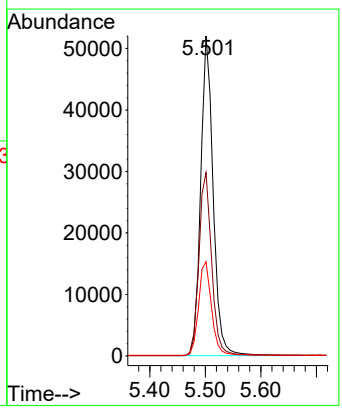


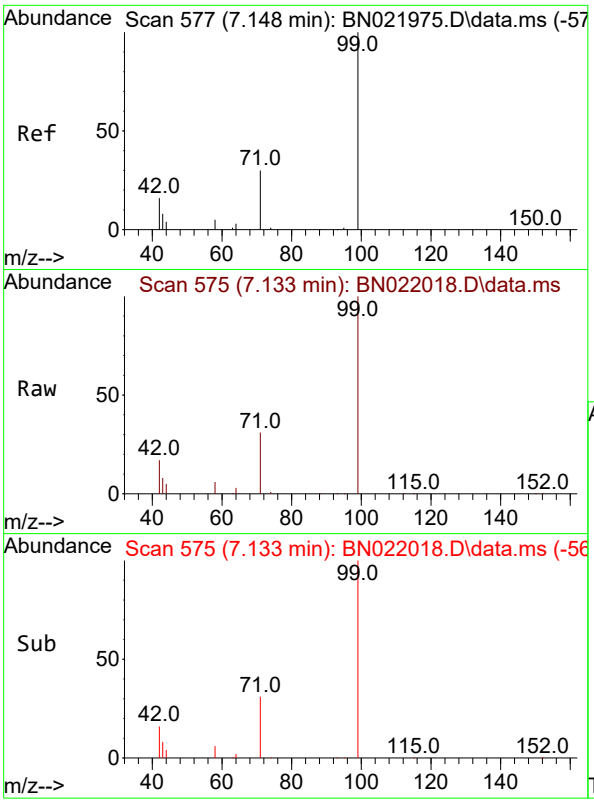


#4
2-Fluorophenol
Concen: 6.780 ng
RT: 5.501 min Scan# 349
Delta R.T. -0.014 min
Lab File: BN022018.D
Acq: 06 Oct 2022 13:59

Tgt Ion:112 Resp: 81046

Ion	Ratio	Lower	Upper
112	100		
64	58.6	46.9	70.3
63	30.5	24.6	37.0



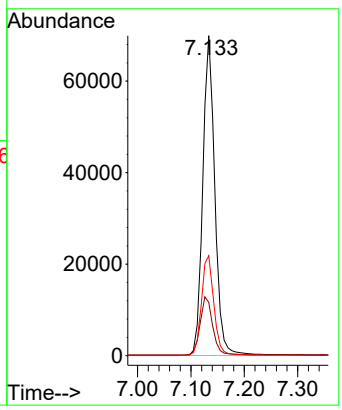


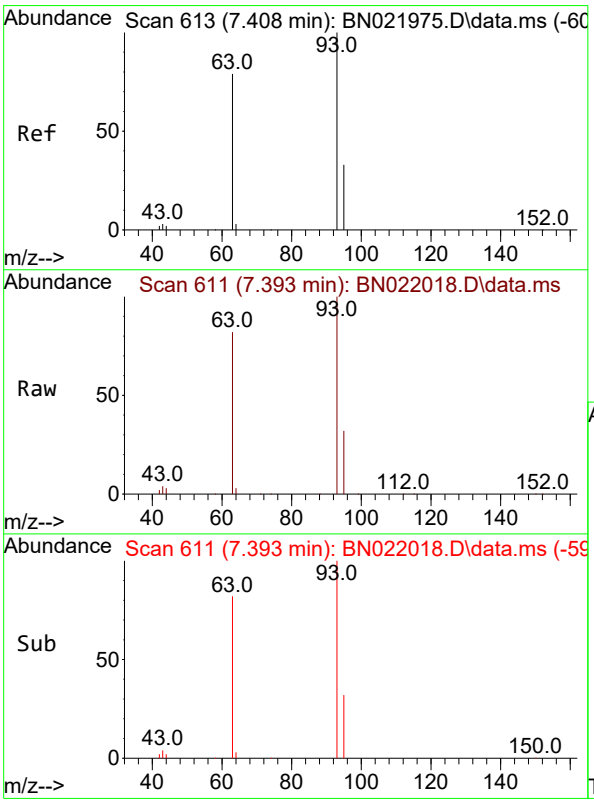
#5
Phenol-d6
Concen: 7.098 ng
RT: 7.133 min Scan# 5
Delta R.T. -0.014 min
Lab File: BN022018.D
Acq: 06 Oct 2022 13:59

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Tgt Ion: 99 Resp: 110091

Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.9	23.9
71	32.2	25.6	38.4

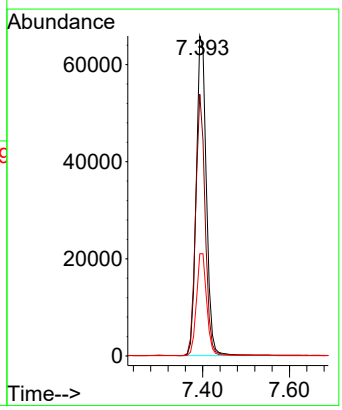


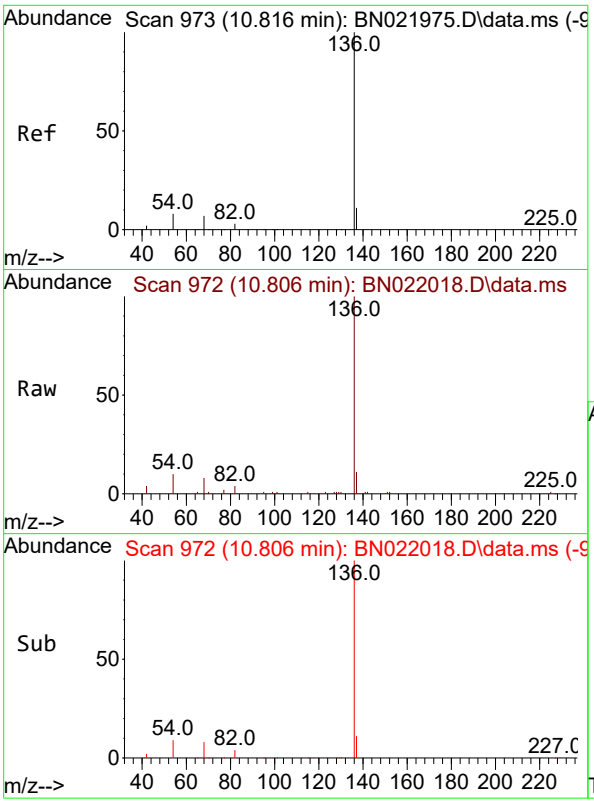


#6
bis(2-Chloroethyl)ether
Concen: 6.492 ng
RT: 7.393 min Scan# 611
Delta R.T. -0.014 min
Lab File: BN022018.D
Acq: 06 Oct 2022 13:59

Tgt Ion: 93 Resp: 106399

Ion	Ratio	Lower	Upper
93	100		
63	78.0	64.8	97.2
95	32.5	26.6	40.0



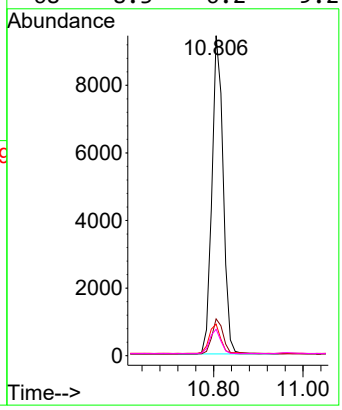


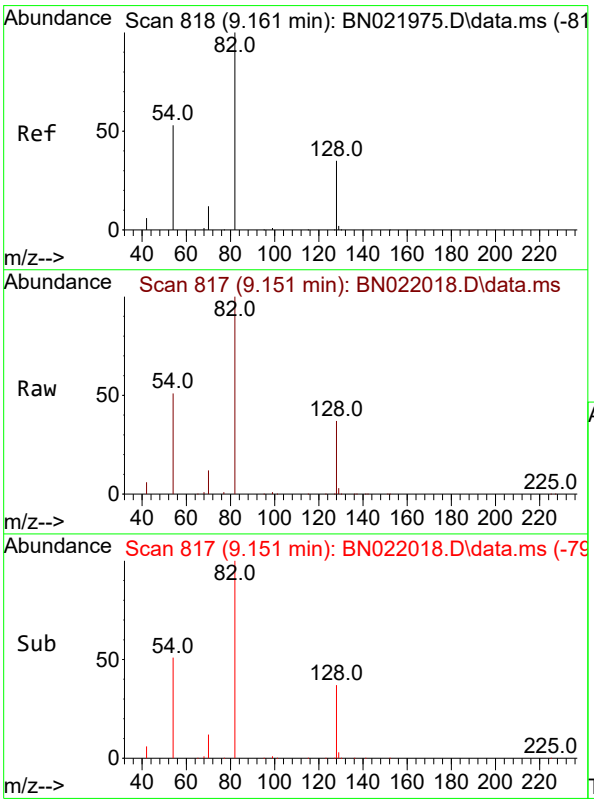
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.806 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN022018.D
Acq: 06 Oct 2022 13:59

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Tgt Ion:136 Resp: 16353

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	9.9	7.1	10.7
68	8.3	6.2	9.2

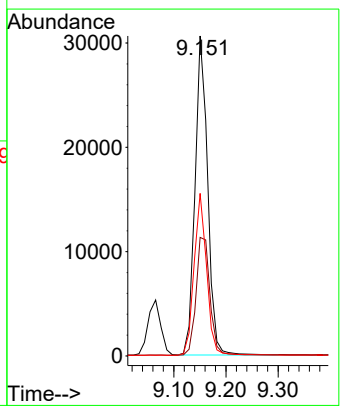


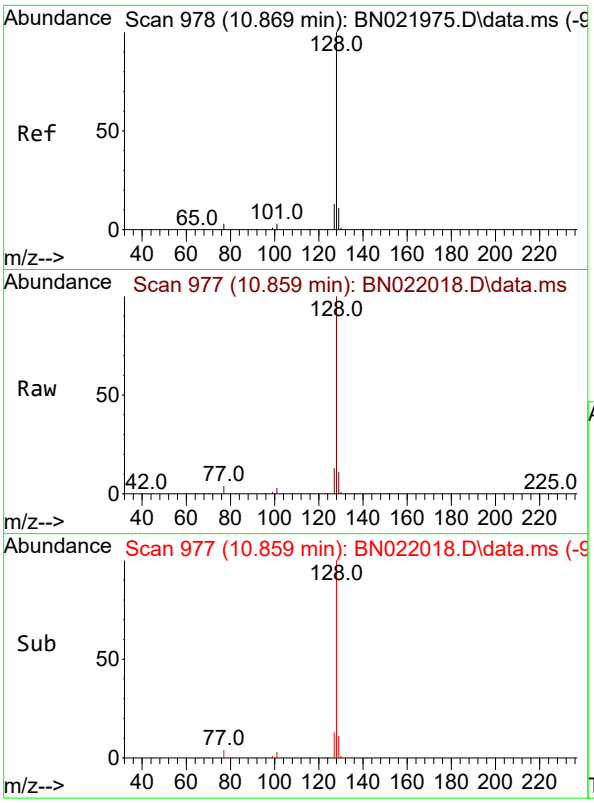


#8
Nitrobenzene-d5
Concen: 3.928 ng
RT: 9.151 min Scan# 817
Delta R.T. -0.011 min
Lab File: BN022018.D
Acq: 06 Oct 2022 13:59

Tgt Ion: 82 Resp: 51640

Ion	Ratio	Lower	Upper
82	100		
128	37.1	29.9	44.9
54	50.8	43.5	65.3



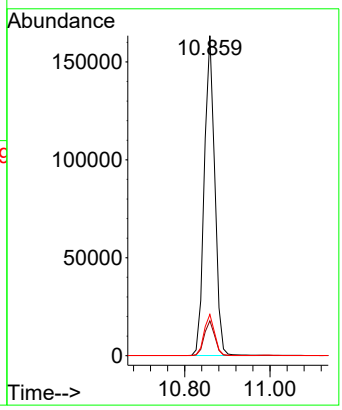


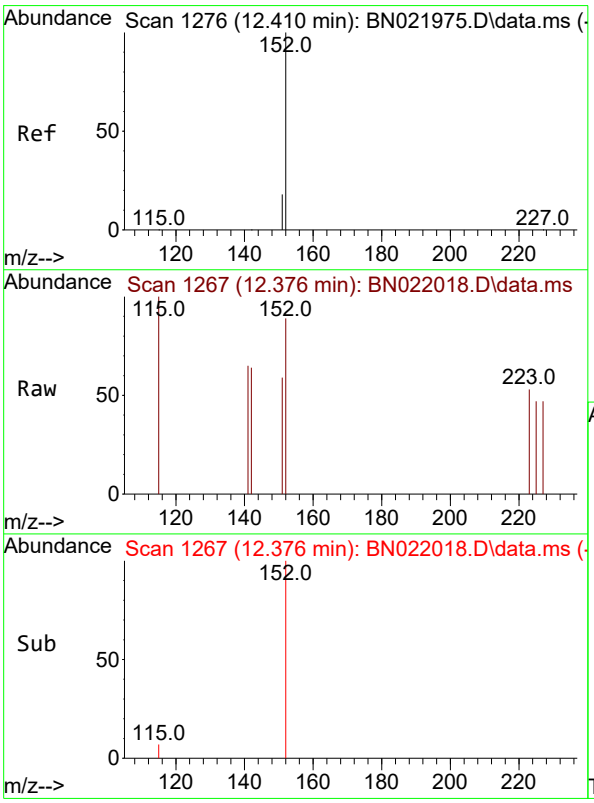
#9
Naphthalene
Concen: 5.636 ng
RT: 10.859 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN022018.D
Acq: 06 Oct 2022 13:59

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Tgt Ion:128 Resp: 278329

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.3	13.9
127	12.9	10.6	16.0

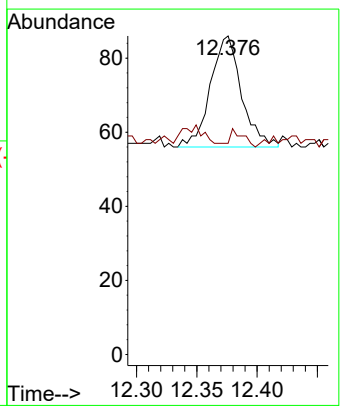


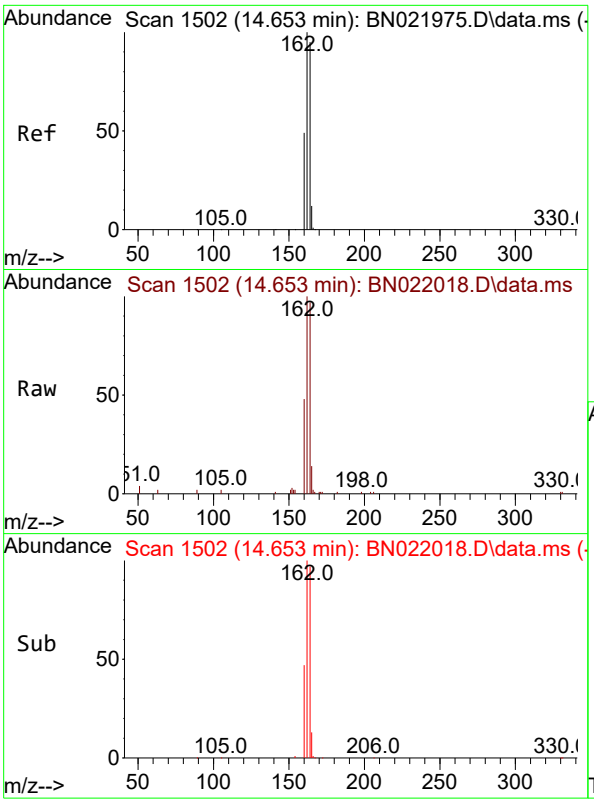


#11
2-Methylnaphthalene-d10
Concen: 0.002 ng
RT: 12.376 min Scan# 1267
Delta R.T. -0.034 min
Lab File: BN022018.D
Acq: 06 Oct 2022 13:59

Tgt Ion:152 Resp: 54

Ion	Ratio	Lower	Upper
152	100		
151	7.4	13.8	20.6#



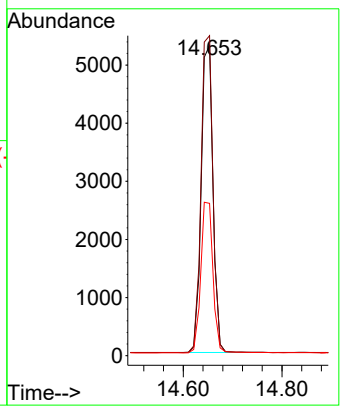


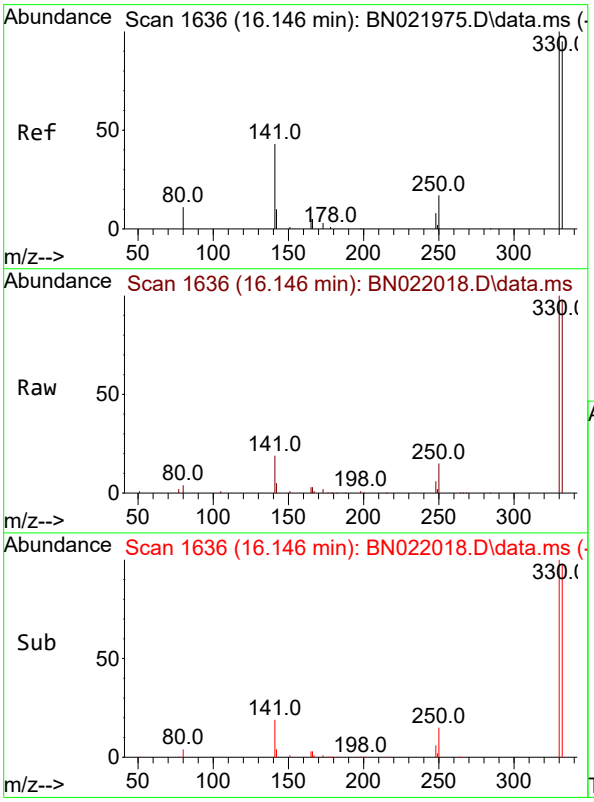
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.653 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022018.D
Acq: 06 Oct 2022 13:59

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Tgt Ion:164 Resp: 8724

Ion	Ratio	Lower	Upper
164	100		
162	103.1	84.3	126.5
160	49.1	41.7	62.5

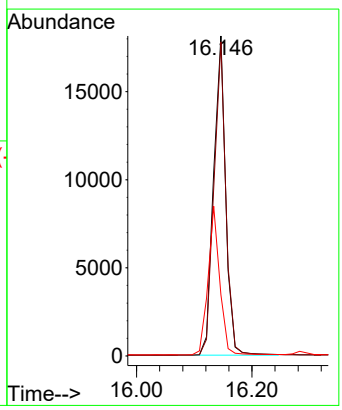


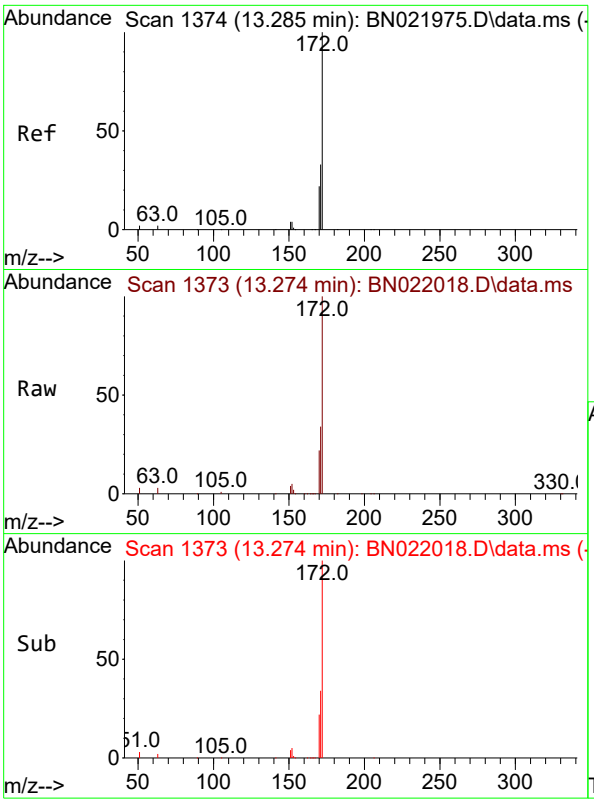


#14
2,4,6-Tribromophenol
Concen: 7.893 ng
RT: 16.146 min Scan# 1636
Delta R.T. 0.000 min
Lab File: BN022018.D
Acq: 06 Oct 2022 13:59

Tgt Ion:330 Resp: 26261

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.4
141	45.0	35.3	52.9



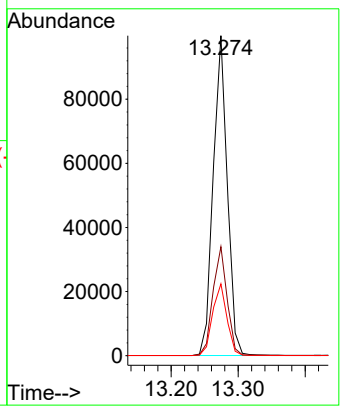


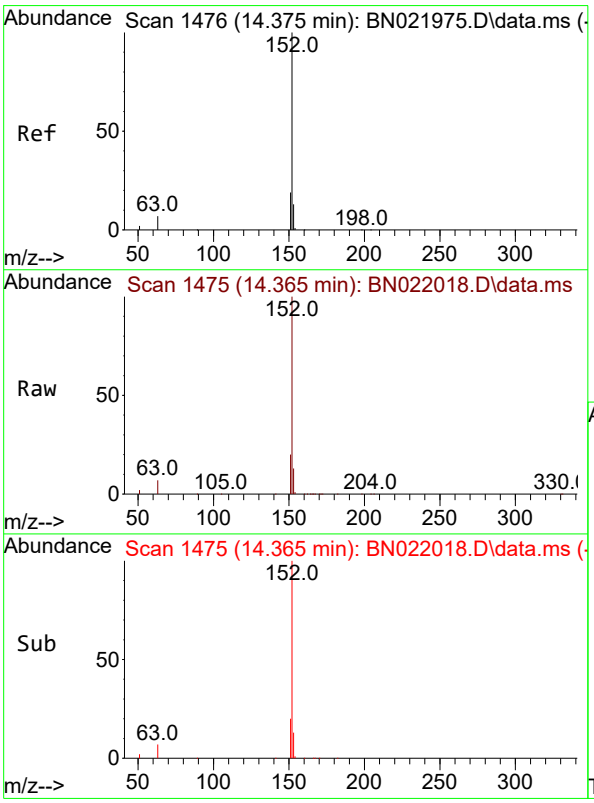
#15
2-Fluorobiphenyl
Concen: 3.817 ng
RT: 13.274 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN022018.D
Acq: 06 Oct 2022 13:59

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Tgt Ion:172 Resp: 145507

Ion	Ratio	Lower	Upper
172	100		
171	34.0	27.2	40.8
170	22.5	18.3	27.5

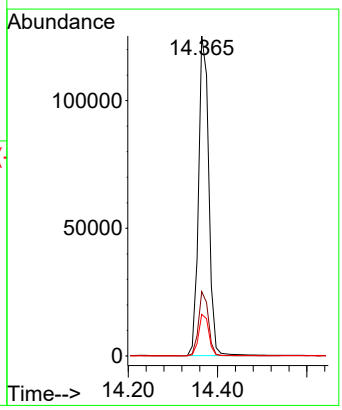


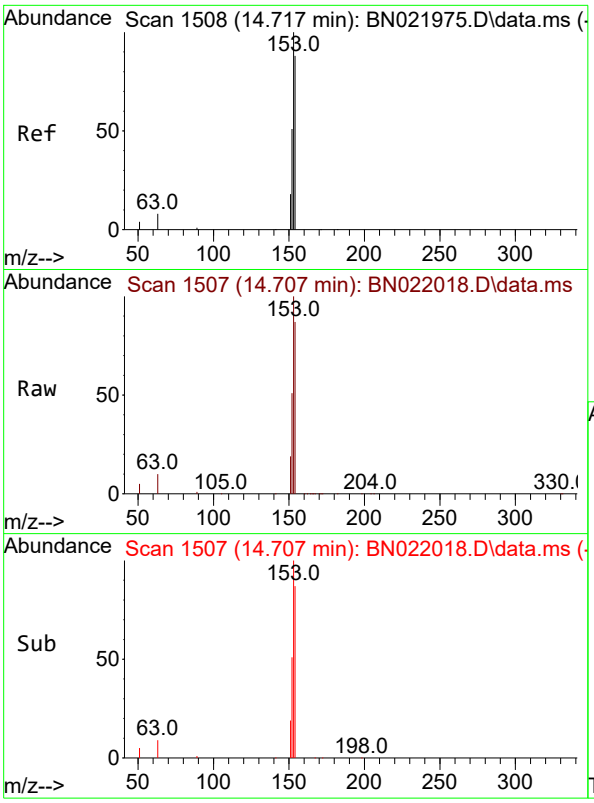


#16
Acenaphthylene
Concen: 4.821 ng
RT: 14.365 min Scan# 1475
Delta R.T. -0.011 min
Lab File: BN022018.D
Acq: 06 Oct 2022 13:59

Tgt Ion:152 Resp: 200103

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.5	23.3
153	13.1	10.4	15.6



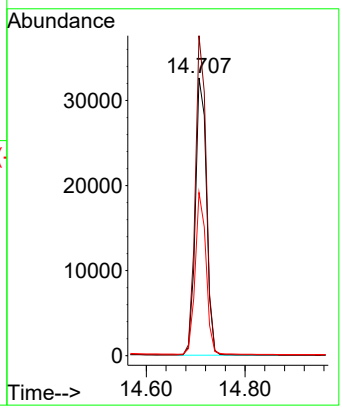


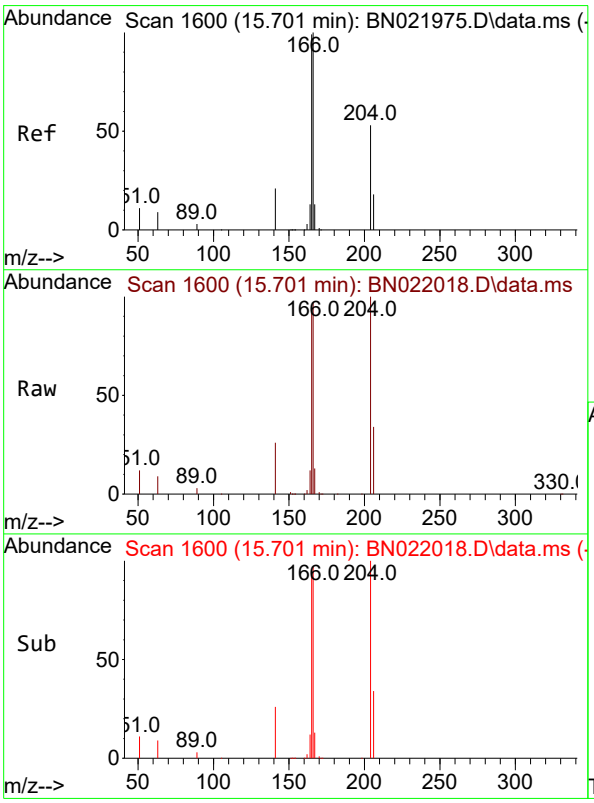
#17
Acenaphthene
Concen: 1.744 ng
RT: 14.707 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN022018.D
Acq: 06 Oct 2022 13:59

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Tgt Ion:154 Resp: 50899

Ion	Ratio	Lower	Upper
154	100		
153	113.5	92.1	138.1
152	57.5	47.8	71.6

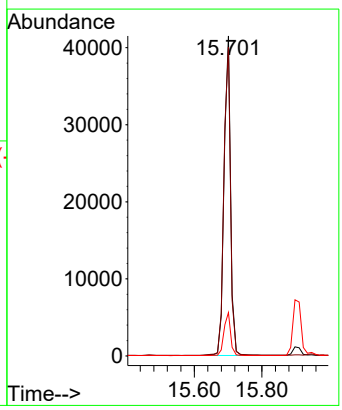


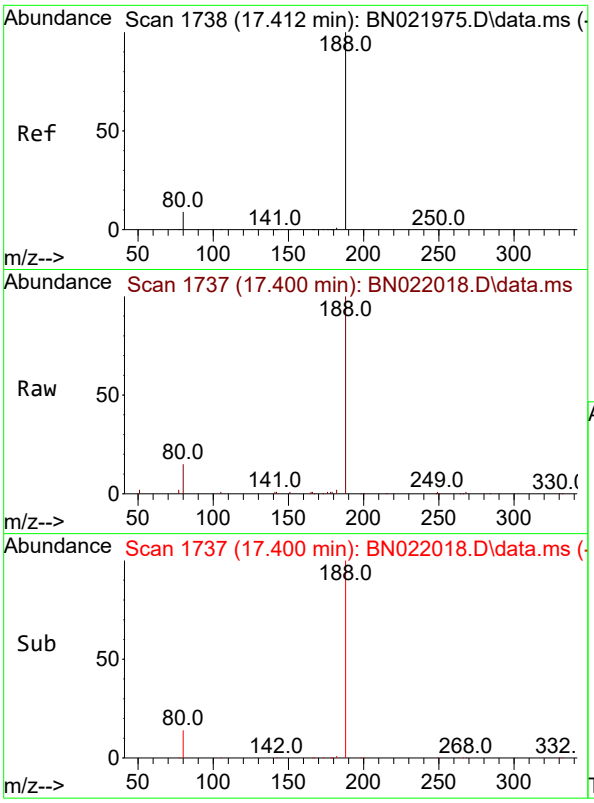


#18
Fluorene
Concen: 1.662 ng
RT: 15.701 min Scan# 1600
Delta R.T. 0.000 min
Lab File: BN022018.D
Acq: 06 Oct 2022 13:59

Tgt Ion:166 Resp: 58489

Ion	Ratio	Lower	Upper
166	100		
165	98.7	80.0	120.0
167	13.7	10.9	16.3



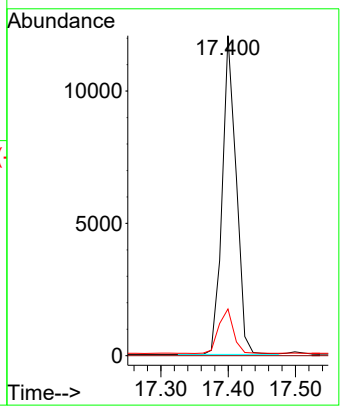


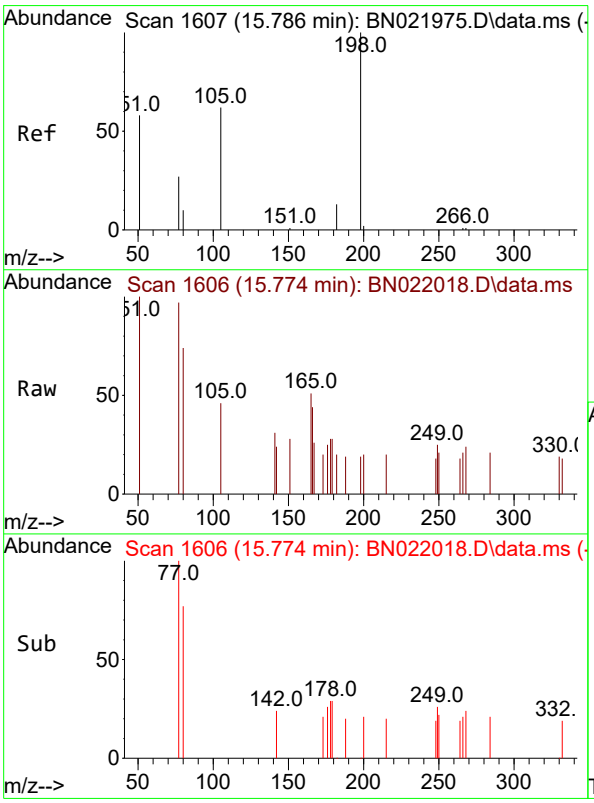
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.400 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN022018.D
Acq: 06 Oct 2022 13:59

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Tgt Ion:188 Resp: 17331

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.6	7.5	11.3#

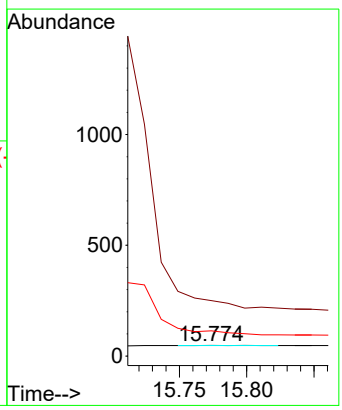


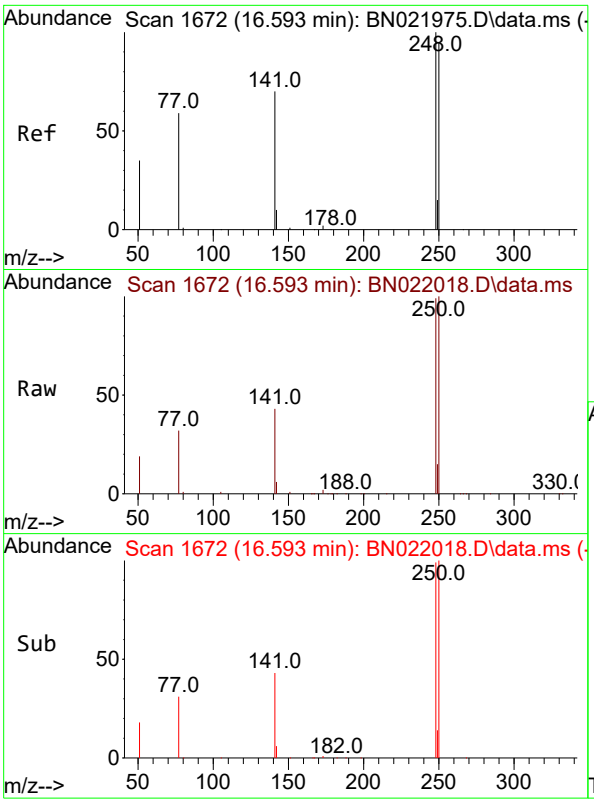


#20
4,6-Dinitro-2-methylphenol
Concen: 0.192 ng
RT: 15.774 min Scan# 1606
Delta R.T. -0.012 min
Lab File: BN022018.D
Acq: 06 Oct 2022 13:59

Tgt Ion:198 Resp: 1

Ion	Ratio	Lower	Upper
198	100		
51	520.8	96.6	144.8#
105	237.5	64.4	96.6#



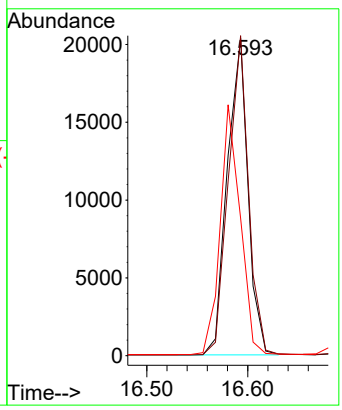


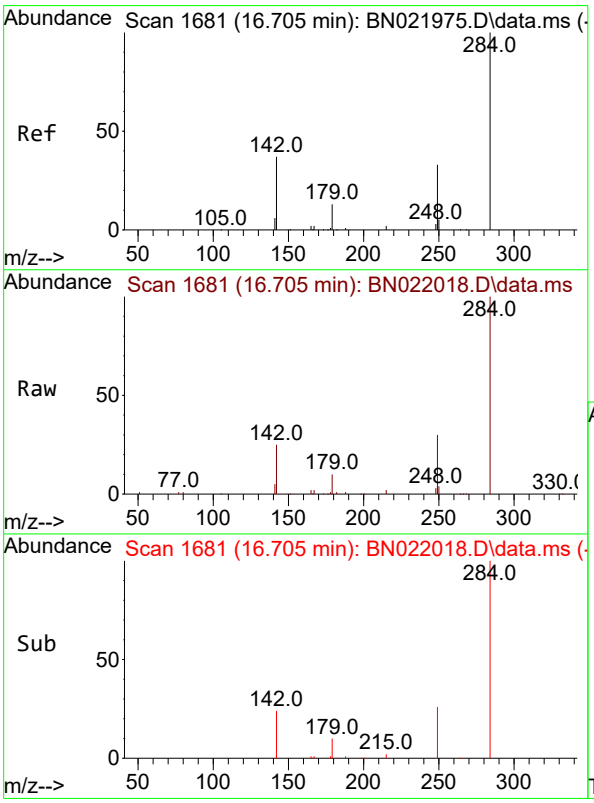
#21
4-Bromophenyl-phenylether
Concen: 2.749 ng
RT: 16.593 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN022018.D
Acq: 06 Oct 2022 13:59

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Tgt Ion:248 Resp: 29023

Ion	Ratio	Lower	Upper
248	100		
250	100.8	76.6	114.8
141	43.3	57.5	86.3#

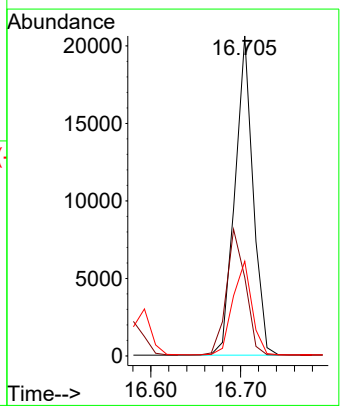


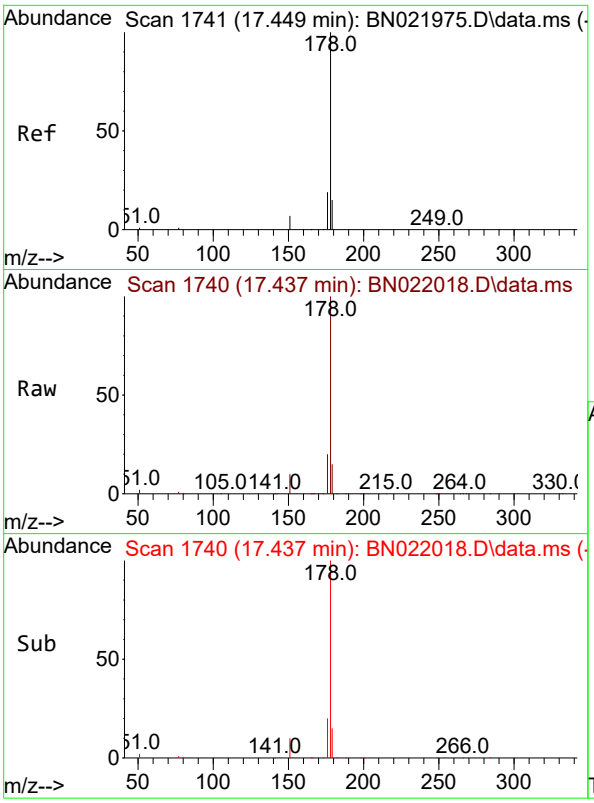


#22
Hexachlorobenzene
Concen: 2.197 ng
RT: 16.705 min Scan# 1681
Delta R.T. 0.000 min
Lab File: BN022018.D
Acq: 06 Oct 2022 13:59

Tgt Ion:284 Resp: 28847

Ion	Ratio	Lower	Upper
284	100		
142	41.2	33.4	50.0
249	31.0	25.1	37.7



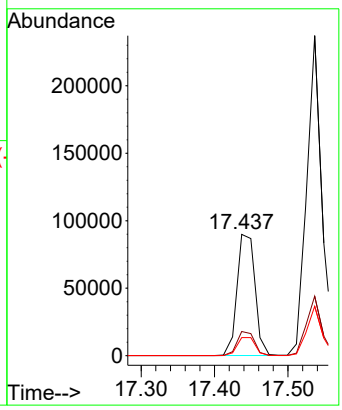


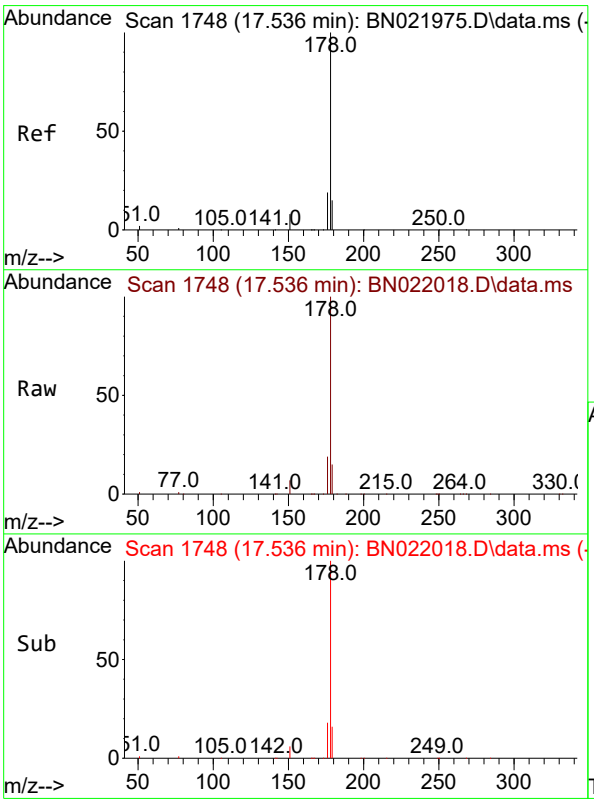
#25
Phenanthrene
Concen: 2.566 ng
RT: 17.437 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN022018.D
Acq: 06 Oct 2022 13:59

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Tgt Ion:178 Resp: 152889

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	15.2	12.2	18.2

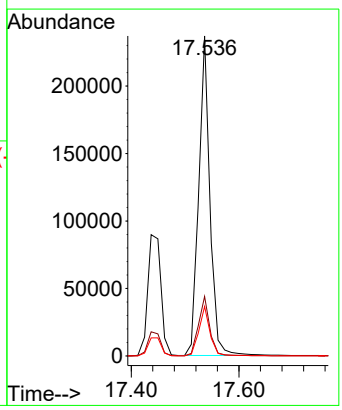


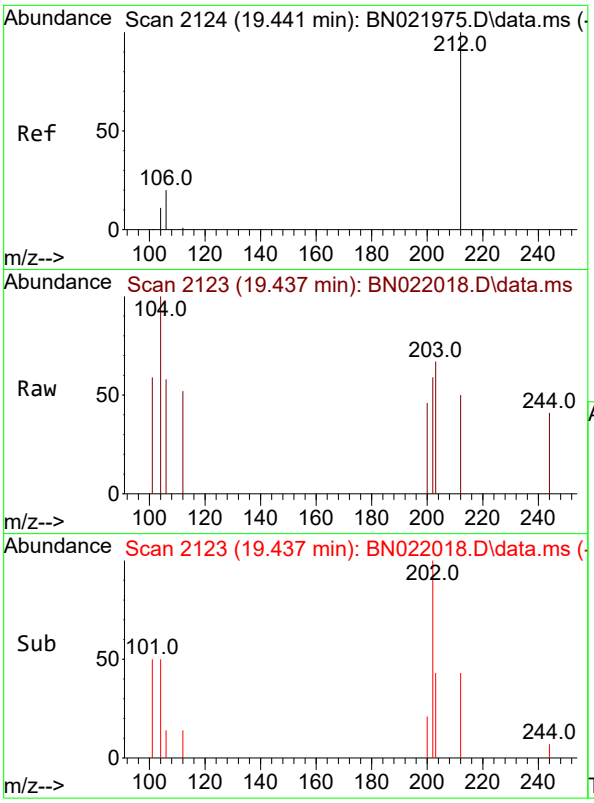


#26
Anthracene
Concen: 7.172 ng
RT: 17.536 min Scan# 1748
Delta R.T. 0.000 min
Lab File: BN022018.D
Acq: 06 Oct 2022 13:59

Tgt Ion:178 Resp: 343032

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.8	22.2
179	15.4	12.2	18.2



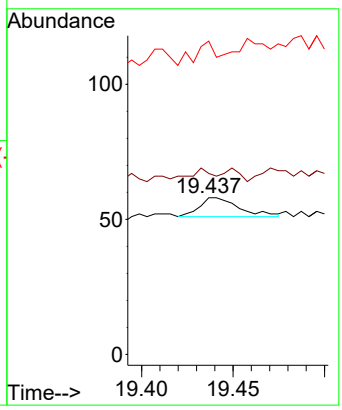


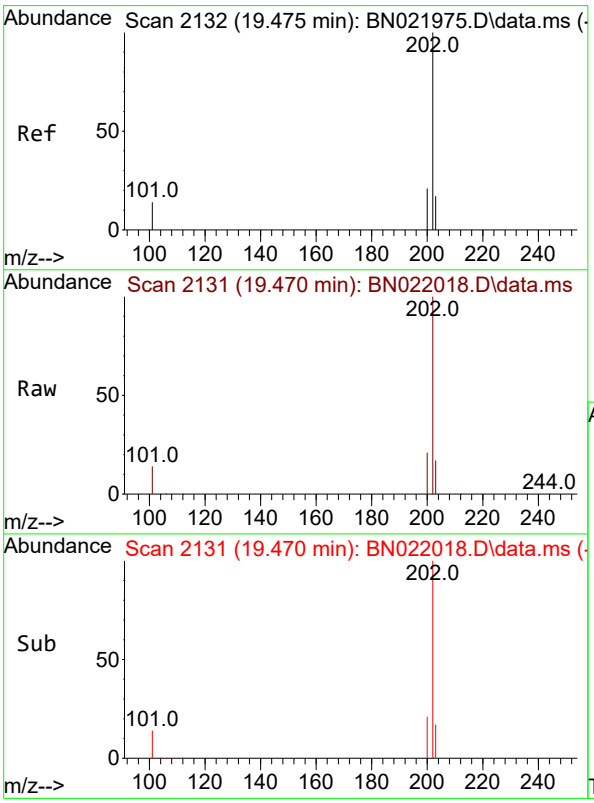
#27
Fluoranthene-d10
Concen: 0.000 ng
RT: 19.437 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN022018.D
Acq: 06 Oct 2022 13:59

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Tgt Ion:212 Resp: 11

Ion	Ratio	Lower	Upper
212	100		
106	27.3	15.2	22.8#
104	63.6	8.6	13.0#

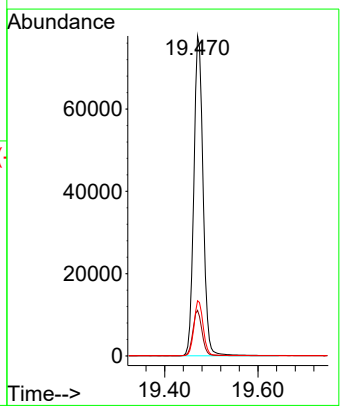


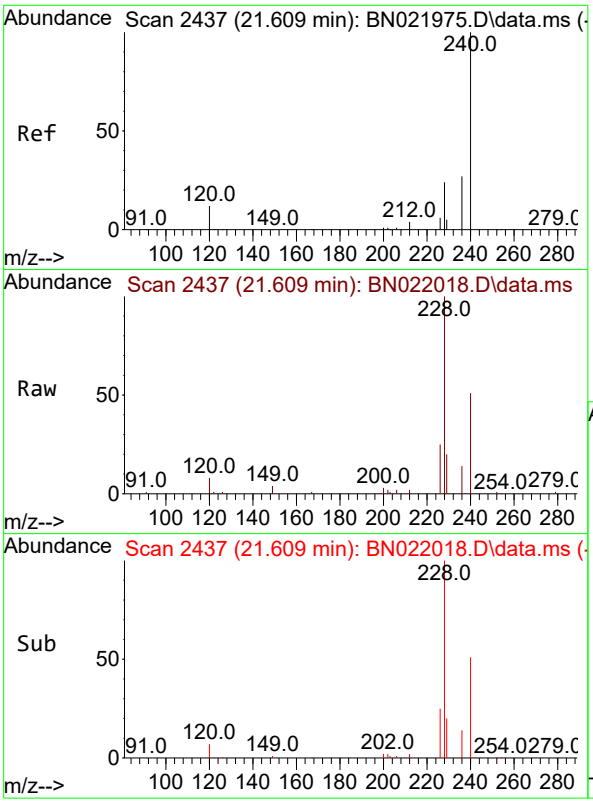


#28
Fluoranthene
Concen: 1.679 ng
RT: 19.470 min Scan# 2131
Delta R.T. -0.004 min
Lab File: BN022018.D
Acq: 06 Oct 2022 13:59

Tgt Ion:202 Resp: 107151

Ion	Ratio	Lower	Upper
202	100		
101	14.0	11.4	17.0
203	17.2	13.5	20.3



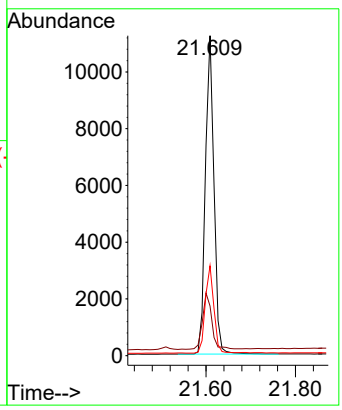


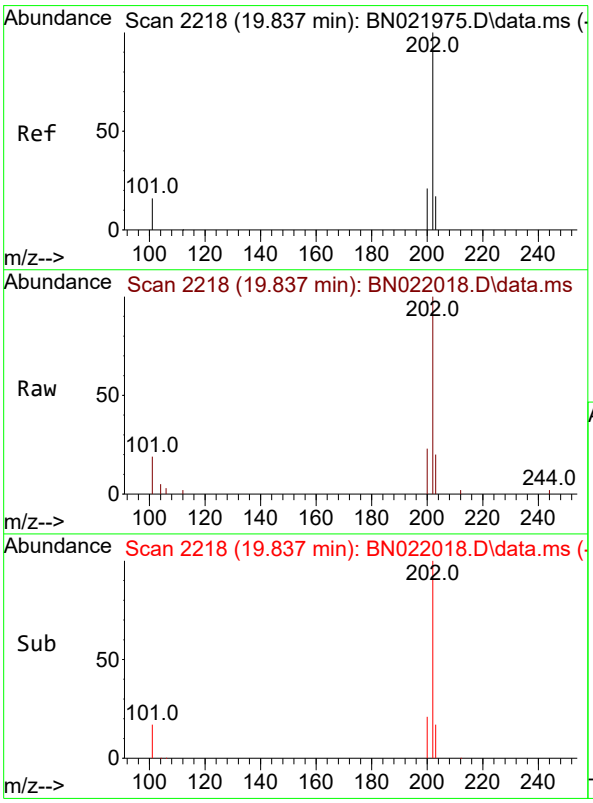
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.609 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN022018.D
Acq: 06 Oct 2022 13:59

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Tgt Ion:240 Resp: 14984

Ion	Ratio	Lower	Upper
240	100		
120	15.5	11.8	17.6
236	28.1	22.4	33.6

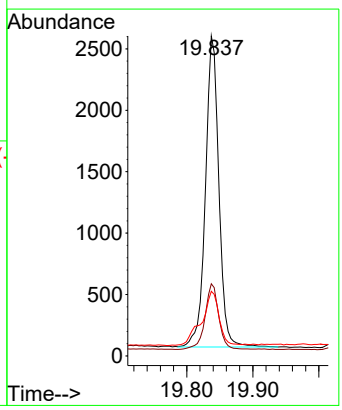


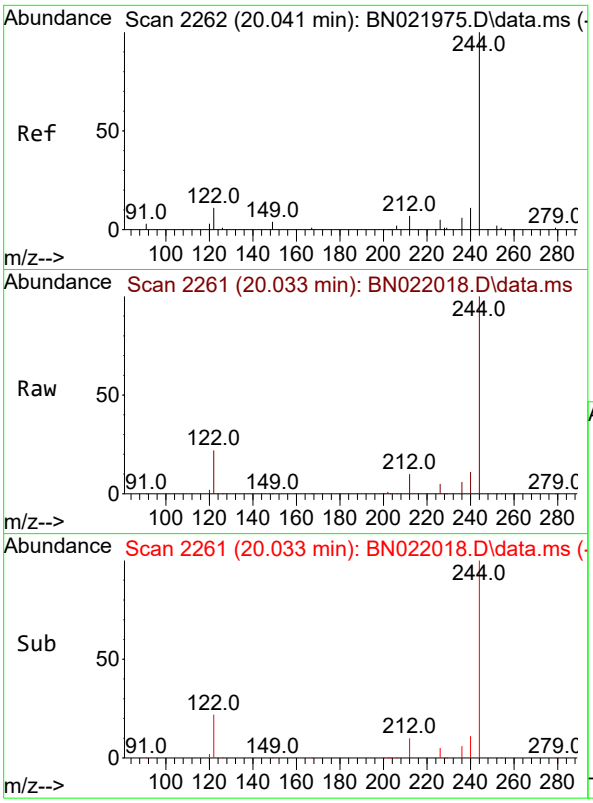


#30
Pyrene
Concen: 0.054 ng
RT: 19.837 min Scan# 2218
Delta R.T. 0.000 min
Lab File: BN022018.D
Acq: 06 Oct 2022 13:59

Tgt Ion:202 Resp: 3585

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.6	25.0
203	22.7	14.1	21.1#



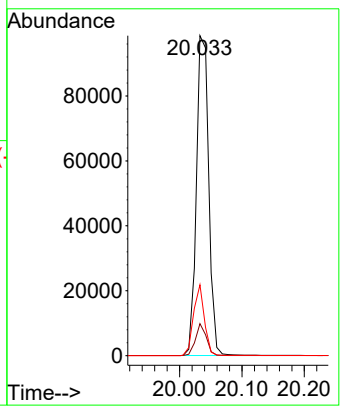


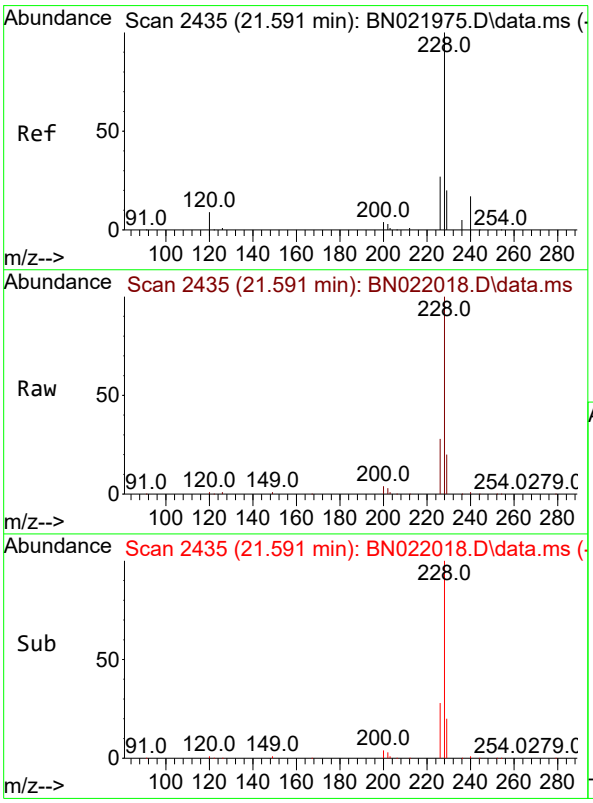
#31
Terphenyl-d14
Concen: 4.240 ng
RT: 20.033 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN022018.D
Acq: 06 Oct 2022 13:59

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Tgt Ion:244 Resp: 127716

Ion	Ratio	Lower	Upper
244	100		
212	10.0	6.5	9.7#
122	22.1	9.1	13.7#

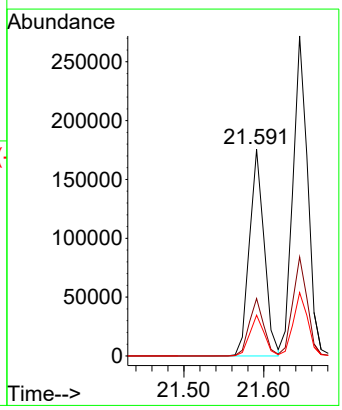


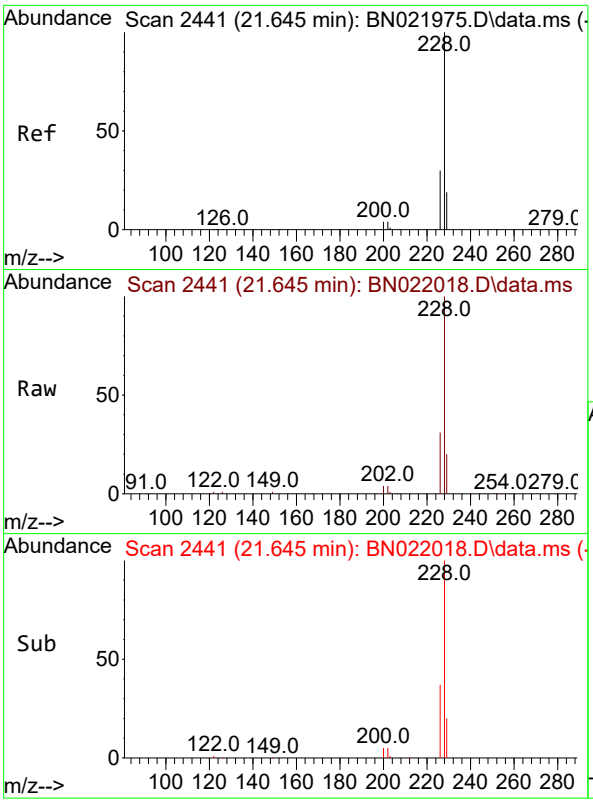


#32
Benzo(a)anthracene
Concen: 4.003 ng
RT: 21.591 min Scan# 2435
Delta R.T. 0.000 min
Lab File: BN022018.D
Acq: 06 Oct 2022 13:59

Tgt Ion:228 Resp: 225521

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.2	33.4
229	19.7	16.2	24.2



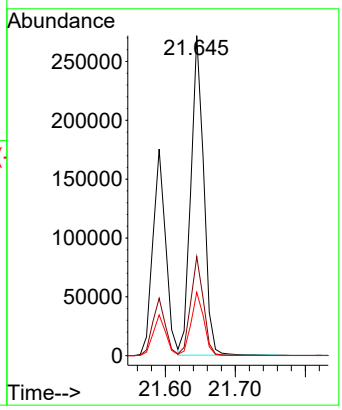


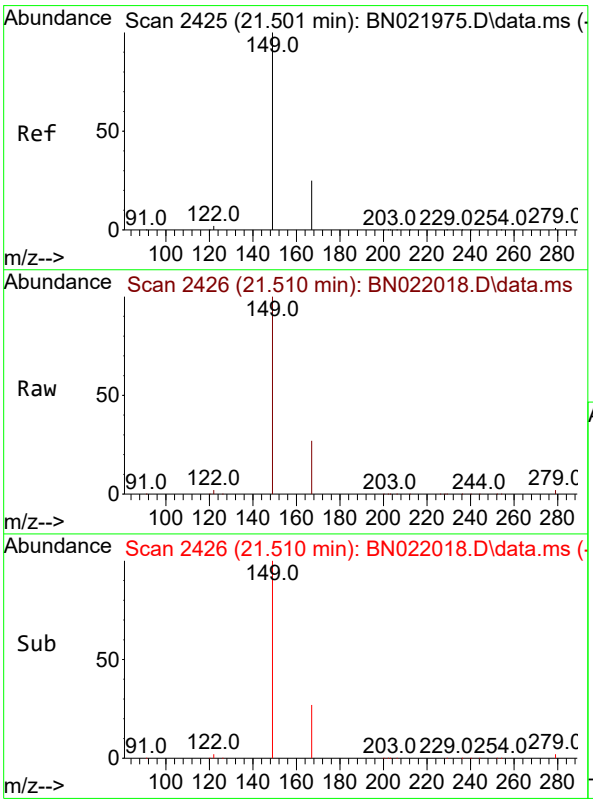
#33
Chrysene
Concen: 5.548 ng
RT: 21.645 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN022018.D
Acq: 06 Oct 2022 13:59

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Tgt Ion:228 Resp: 346887

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.2	36.2
229	19.8	15.8	23.6

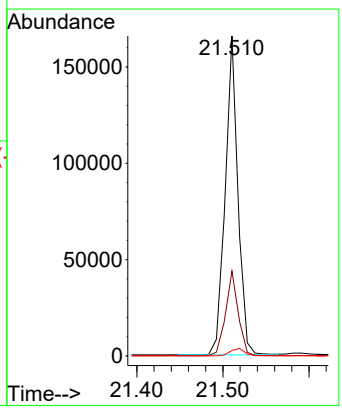


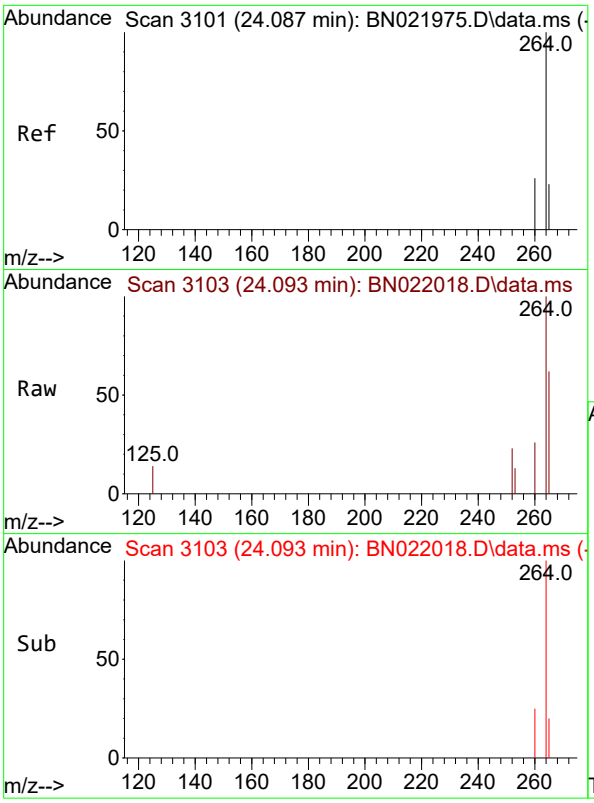


#34
Bis(2-ethylhexyl)phthalate
Concen: 6.257 ng
RT: 21.510 min Scan# 2426
Delta R.T. 0.009 min
Lab File: BN022018.D
Acq: 06 Oct 2022 13:59

Tgt Ion:149 Resp: 169163

Ion	Ratio	Lower	Upper
149	100		
167	26.4	20.2	30.4
279	2.6	2.3	3.5



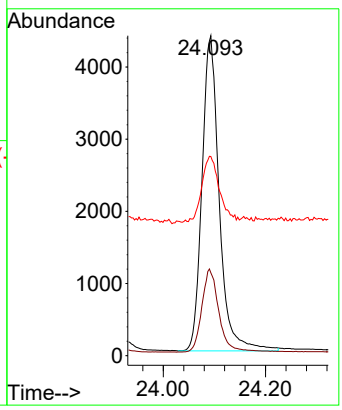


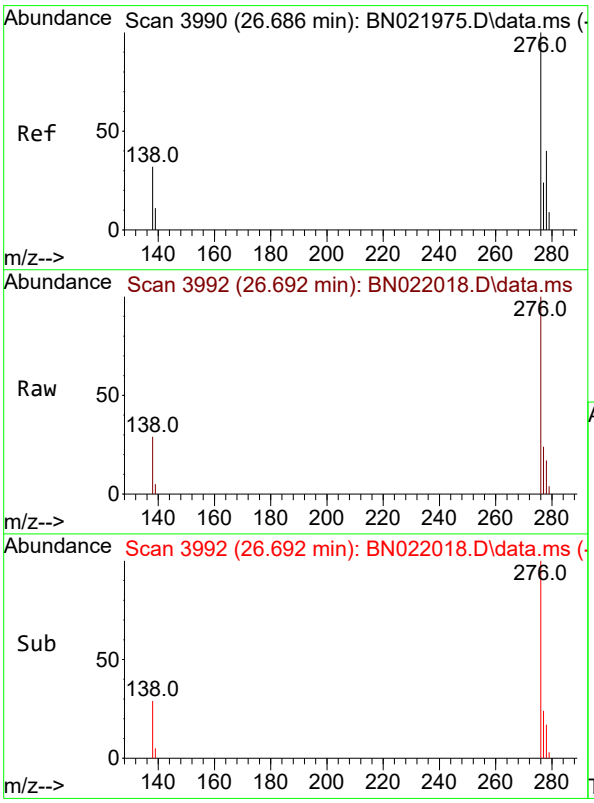
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.093 min Scan# 3
Delta R.T. 0.006 min
Lab File: BN022018.D
Acq: 06 Oct 2022 13:59

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Tgt Ion:264 Resp: 10223

Ion	Ratio	Lower	Upper
264	100		
260	25.9	21.3	31.9
265	62.2	63.0	94.4#

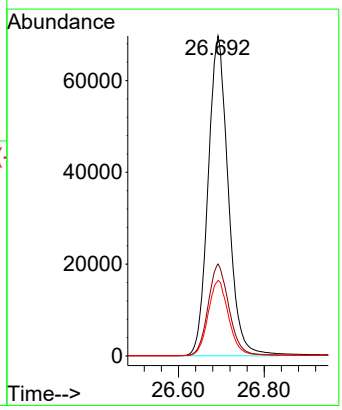


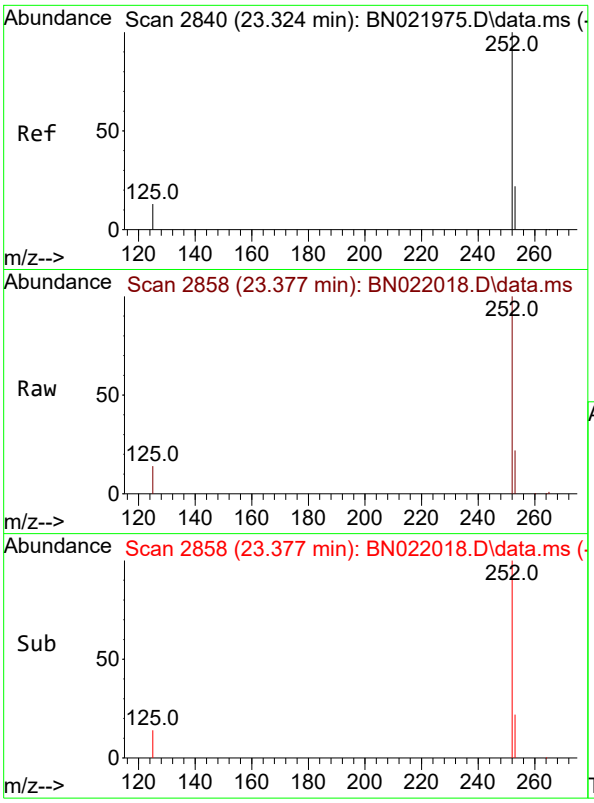


#36
Indeno(1,2,3-cd)pyrene
Concen: 4.398 ng
RT: 26.692 min Scan# 3992
Delta R.T. 0.006 min
Lab File: BN022018.D
Acq: 06 Oct 2022 13:59

Tgt Ion:276 Resp: 227168

Ion	Ratio	Lower	Upper
276	100		
138	29.7	28.0	42.0
277	24.0	19.8	29.8



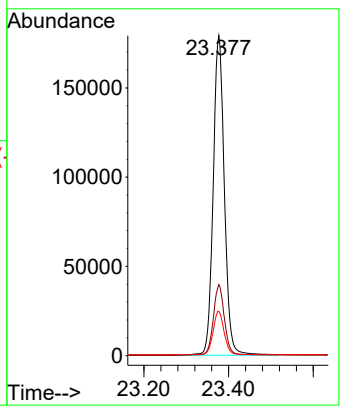


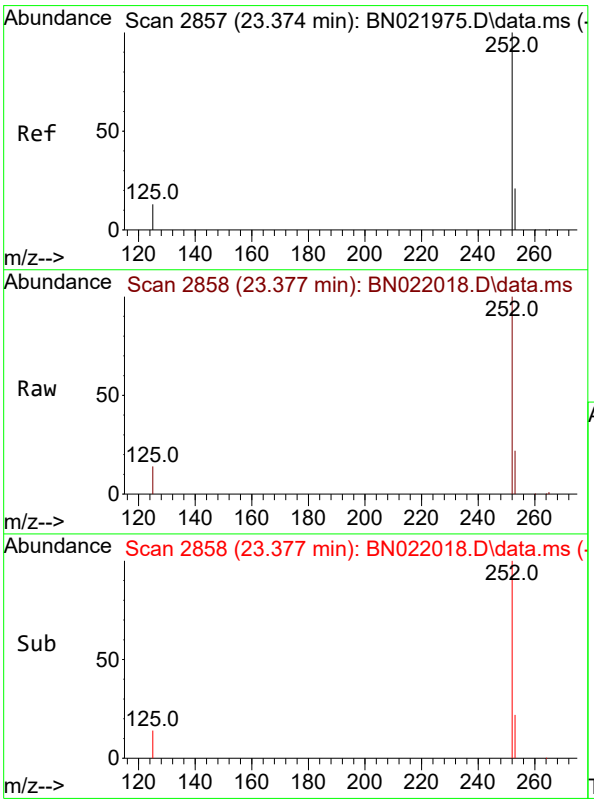
#37
Benzo(b)fluoranthene
Concen: 6.774 ng
RT: 23.377 min Scan# 2
Delta R.T. 0.053 min
Lab File: BN022018.D
Acq: 06 Oct 2022 13:59

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Tgt Ion:252 Resp: 328256

Ion	Ratio	Lower	Upper
252	100		
253	22.2	20.6	31.0
125	13.9	15.6	23.4#

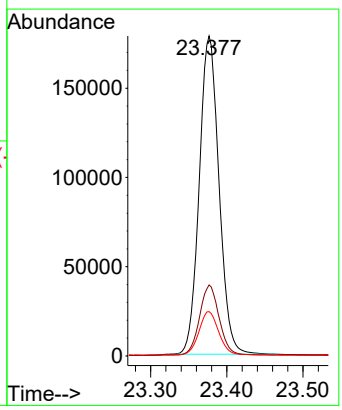


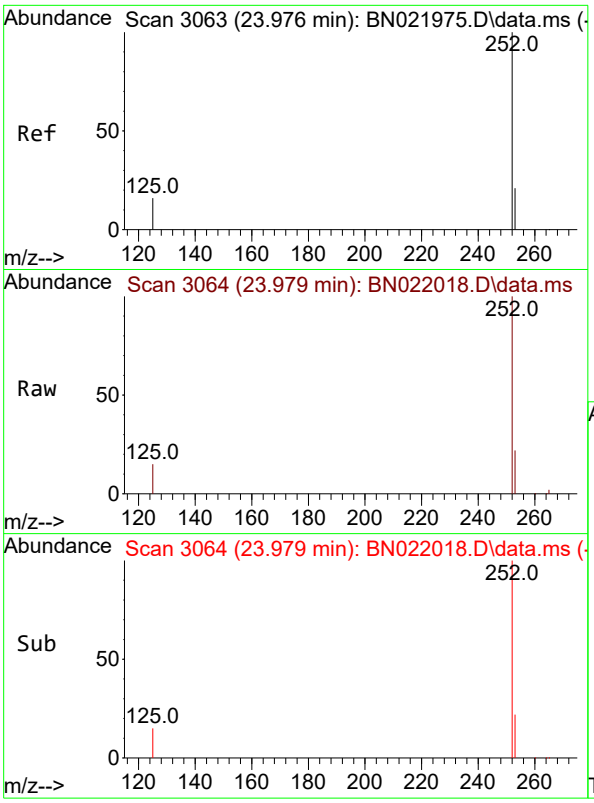


#38
Benzo(k)fluoranthene
Concen: 6.640 ng
RT: 23.377 min Scan# 2858
Delta R.T. 0.003 min
Lab File: BN022018.D
Acq: 06 Oct 2022 13:59

Tgt Ion:252 Resp: 320339

Ion	Ratio	Lower	Upper
252	100		
253	22.2	20.4	30.6
125	13.9	15.8	23.6#



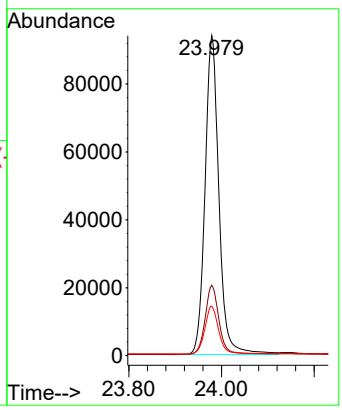


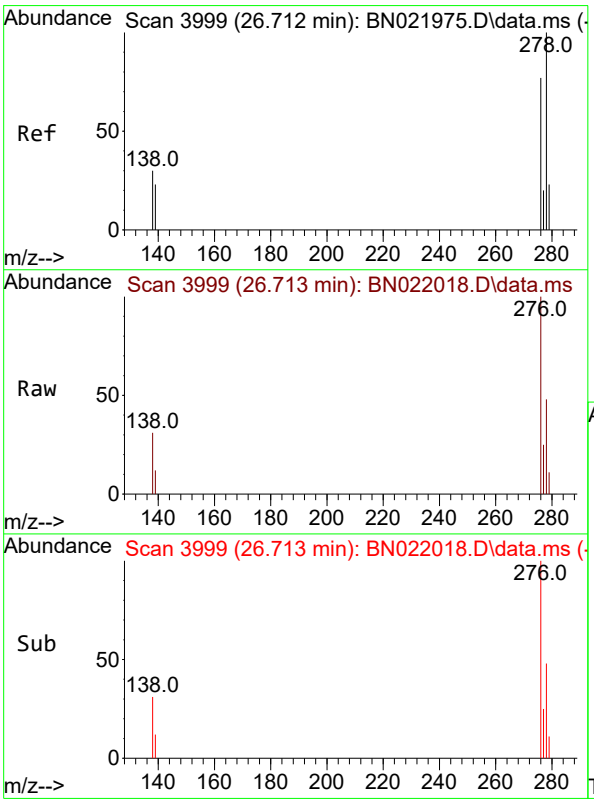
#39
Benzo(a)pyrene
Concen: 5.288 ng
RT: 23.979 min Scan# 3
Delta R.T. 0.003 min
Lab File: BN022018.D
Acq: 06 Oct 2022 13:59

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Tgt Ion:252 Resp: 195448

Ion	Ratio	Lower	Upper
252	100		
253	22.0	23.2	34.8#
125	15.5	21.1	31.7#

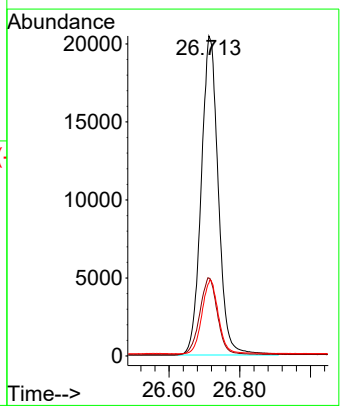


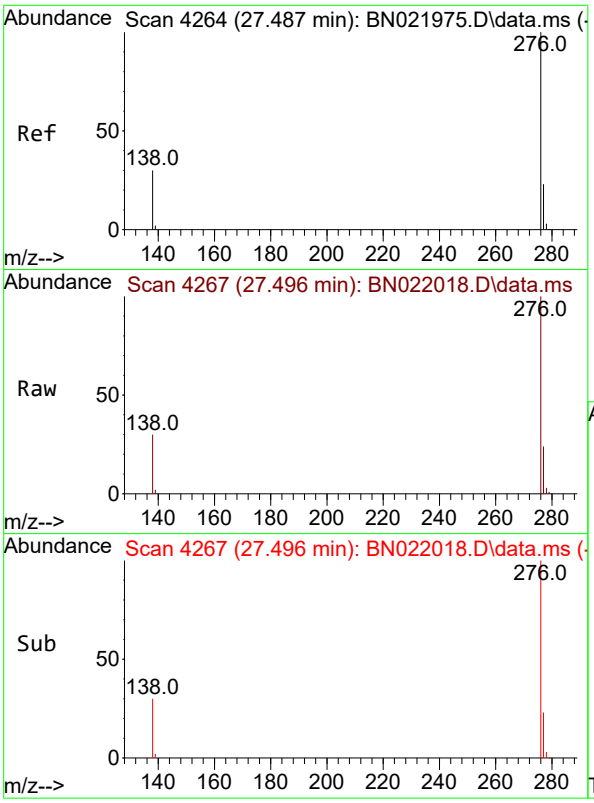


#40
Dibenzo(a,h)anthracene
Concen: 1.662 ng
RT: 26.713 min Scan# 3999
Delta R.T. 0.000 min
Lab File: BN022018.D
Acq: 06 Oct 2022 13:59

Tgt Ion:278 Resp: 68466

Ion	Ratio	Lower	Upper
278	100		
139	24.3	19.9	29.9
279	22.8	21.9	32.9





#41
Benzo(g,h,i)perylene
Concen: 1.131 ng
RT: 27.496 min Scan# 4
Delta R.T. 0.009 min
Lab File: BN022018.D
Acq: 06 Oct 2022 13:59

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Tgt Ion:276 Resp: 50318

Ion	Ratio	Lower	Upper
276	100		
277	23.7	20.0	30.0
138	30.3	25.2	37.8