Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051322\
Data File : BN019769.D
Acq On : 13 May 2022 15:05
Operator : CG/JU
Sample : PB144707BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB144707BS

Quant Time: May 13 23:59:21 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN051322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 13 02:41:37 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.855	152	3600	0.400	ng		0.00
7) Naphthalene-d8	10.637	136	10854	0.400	ng		#-0.01
13) Acenaphthene-d10	14.474	164	6437	0.400	ng		0.00
19) Phenanthrene-d10	17.215	188	14621	0.400	ng		0.00
29) Chrysene-d12	21.396	240	13972	0.400	ng		0.00
35) Perylene-d12	23.741	264	13596	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.435	112	3303	0.367	ng		0.00
5) Phenol-d6	7.017	99	3988	0.353	ng		0.00
8) Nitrobenzene-d5	9.004	82	2862	0.349	ng		0.00
11) 2-Methylnaphthalene-d10	12.231	152	6740	0.357	ng		0.00
14) 2,4,6-Tribromophenol	15.954	330	815	0.320	ng		-0.01
15) 2-Fluorobiphenyl	13.105	172	10320	0.367	ng		0.00
27) Fluoranthene-d10	19.244	212	15865	0.382	ng		0.00
31) Terphenyl-d14	19.843	244	11695	0.355	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.355	88	1606	0.376	ng		98
3) n-Nitrosodimethylamine	3.673	42	1556	0.333	ng		97
6) bis(2-Chloroethyl)ether	7.277	93	3922	0.357	ng		99
9) Naphthalene	10.690	128	11954	0.363	ng		99
10) Hexachlorobutadiene	10.989	225	2196	0.366	ng	#	99
12) 2-Methylnaphthalene	12.303	142	8087	0.360	ng		98
16) Acenaphthylene	14.196	152	10711	0.355	ng		98
17) Acenaphthene	14.538	154	8014	0.359	ng		98
18) Fluorene	15.522	166	10185	0.361	ng		100
20) 4,6-Dinitro-2-methylph...	15.596	198	756	0.360	ng	#	87
21) 4-Bromophenyl-phenylether	16.405	248	3154	0.353	ng		98
22) Hexachlorobenzene	16.528	284	3757	0.379	ng		99
23) Atrazine	16.672	200	2033	0.349	ng		98
24) Pentachlorophenol	16.867	266	1537	0.402	ng		96
25) Phenanthrene	17.256	178	18499	0.365	ng		100
26) Anthracene	17.338	178	14895	0.348	ng		99
28) Fluoranthene	19.274	202	20274	0.374	ng		99
30) Pyrene	19.632	202	21162	0.357	ng		100
32) Benzo(a)anthracene	21.387	228	18713	0.368	ng		99
33) Chrysene	21.431	228	21245	0.372	ng		98
34) Bis(2-ethylhexyl)phtha...	21.324	149	7906	0.373	ng		99
36) Indeno(1,2,3-cd)pyrene	26.138	276	24541	0.385	ng		99
37) Benzo(b)fluoranthene	23.030	252	20089	0.339	ng		98
38) Benzo(k)fluoranthene	23.074	252	21454	0.341	ng		98
39) Benzo(a)pyrene	23.633	252	16132	0.345	ng		98
40) Dibenzo(a,h)anthracene	26.156	278	19891	0.388	ng		99
41) Benzo(g,h,i)perylene	26.875	276	19863	0.376	ng		99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051322\
Data File : BN019769.D
Acq On : 13 May 2022 15:05
Operator : CG/JU
Sample : PB144707BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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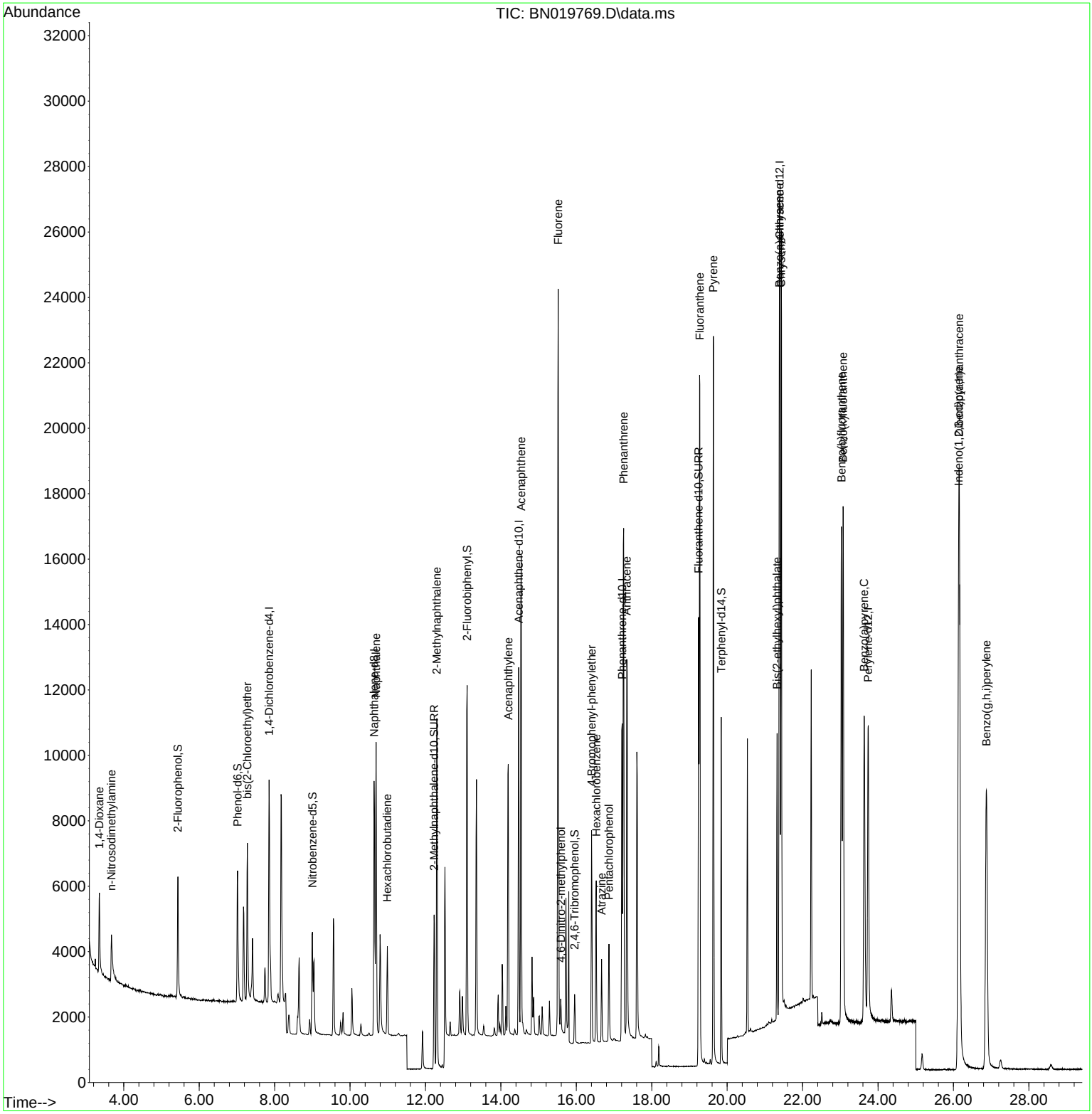
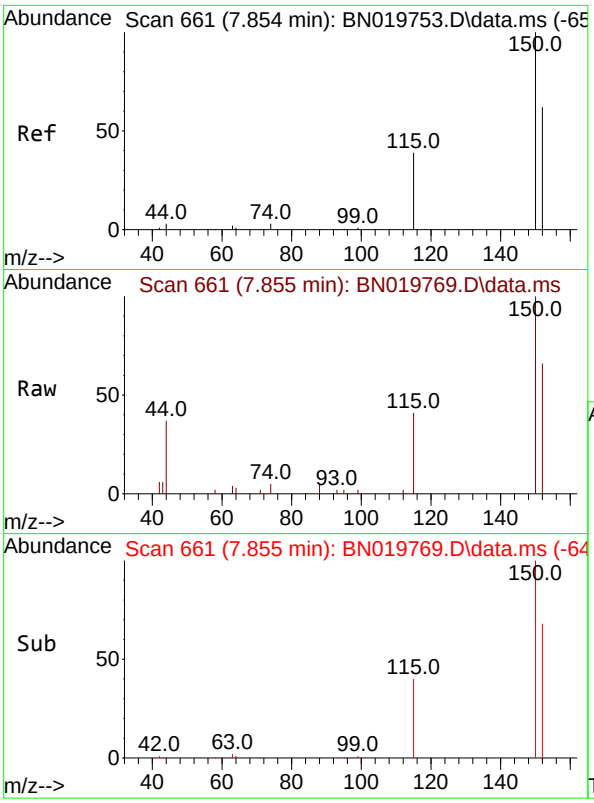
Quant Time: May 13 23:59:21 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN051322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 13 02:41:37 2022
Response via : Initial Calibration



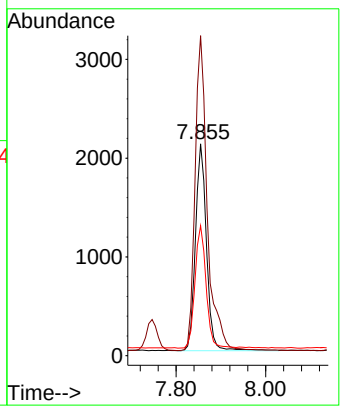


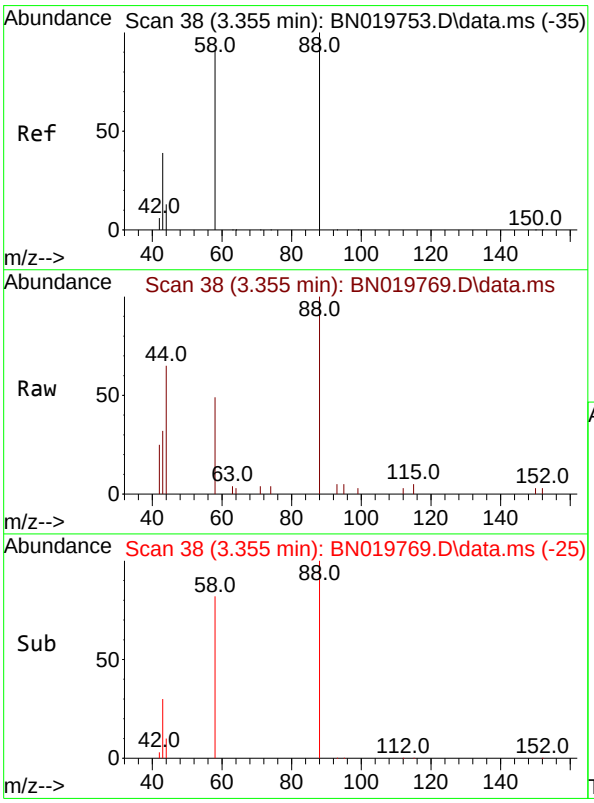
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.855 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN019769.D
Acq: 13 May 2022 15:05

Instrument :
BNA_N
ClientSampleId :
PB144707BS

Tgt Ion:152 Resp: 3600

Ion	Ratio	Lower	Upper
152	100		
150	151.0	127.9	191.9
115	61.3	51.4	77.2

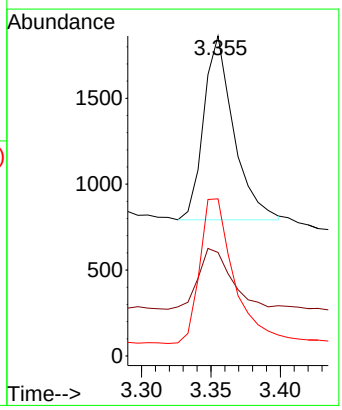


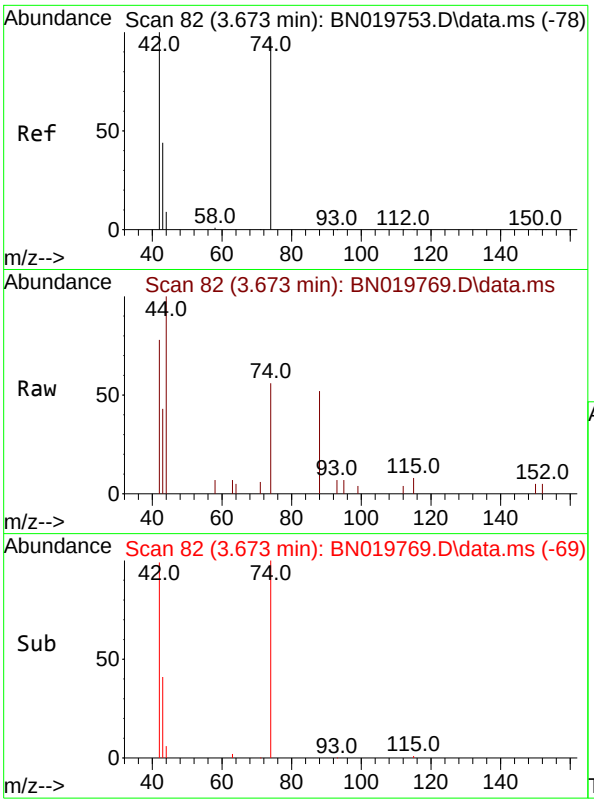


#2
1,4-Dioxane
Concen: 0.376 ng
RT: 3.355 min Scan# 38
Delta R.T. -0.007 min
Lab File: BN019769.D
Acq: 13 May 2022 15:05

Tgt Ion: 88 Resp: 1606

Ion	Ratio	Lower	Upper
88	100		
43	36.5	30.2	45.2
58	89.6	73.0	109.6



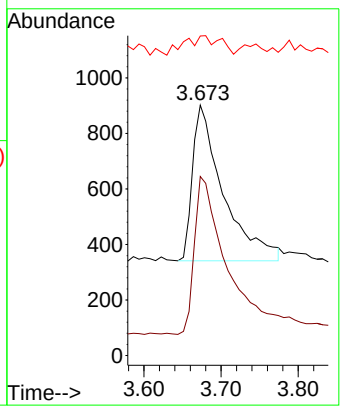


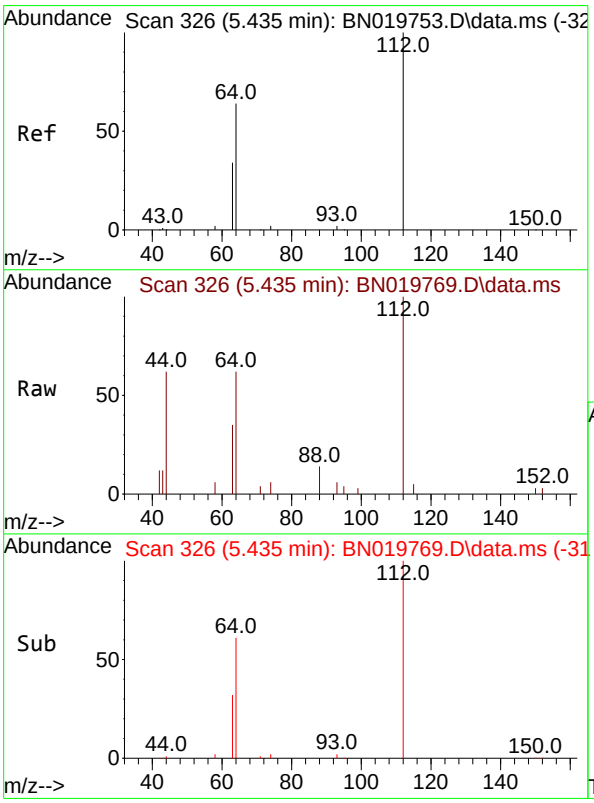
#3
n-Nitrosodimethylamine
Concen: 0.333 ng
RT: 3.673 min Scan# 8
Delta R.T. -0.007 min
Lab File: BN019769.D
Acq: 13 May 2022 15:05

Instrument :
BNA_N
ClientSampleId :
PB144707BS

Tgt Ion: 42 Resp: 1556

Ion	Ratio	Lower	Upper
42	100		
74	108.0	84.0	126.0
44	14.5	9.8	14.8

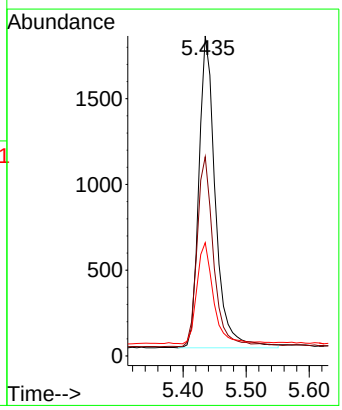


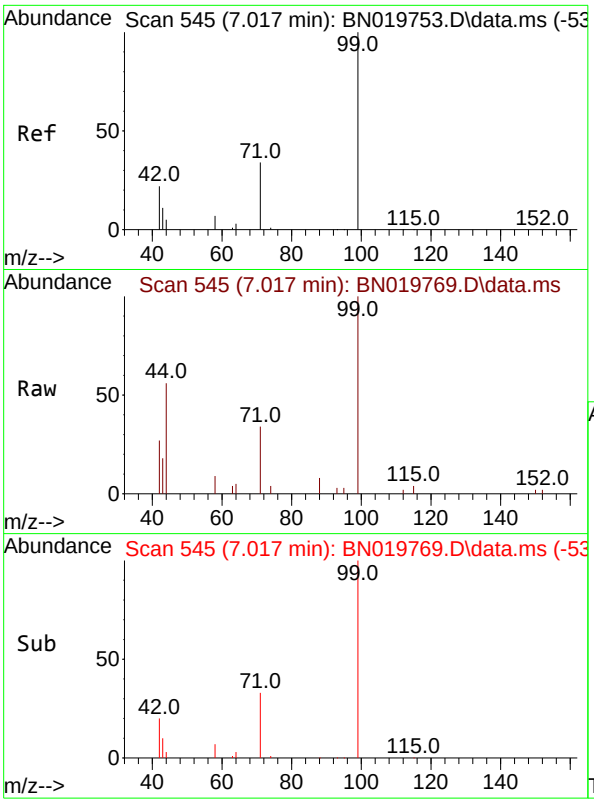


#4
2-Fluorophenol
Concen: 0.367 ng
RT: 5.435 min Scan# 326
Delta R.T. -0.007 min
Lab File: BN019769.D
Acq: 13 May 2022 15:05

Tgt Ion:112 Resp: 3303

Ion	Ratio	Lower	Upper
112	100		
64	61.5	49.1	73.7
63	32.1	26.3	39.5



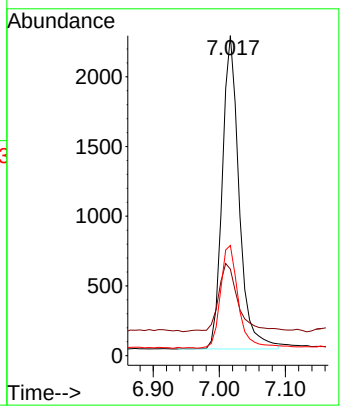


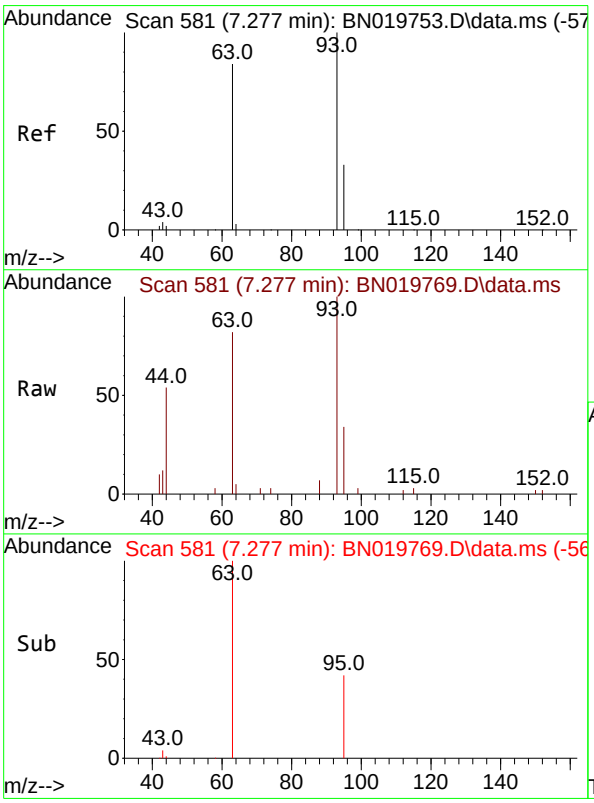
#5
Phenol-d6
Concen: 0.353 ng
RT: 7.017 min Scan# 54
Delta R.T. -0.007 min
Lab File: BN019769.D
Acq: 13 May 2022 15:05

Instrument :
BNA_N
ClientSampleId :
PB144707BS

Tgt Ion: 99 Resp: 3988

Ion	Ratio	Lower	Upper
99	100		
42	25.3	19.3	28.9
71	34.7	27.5	41.3

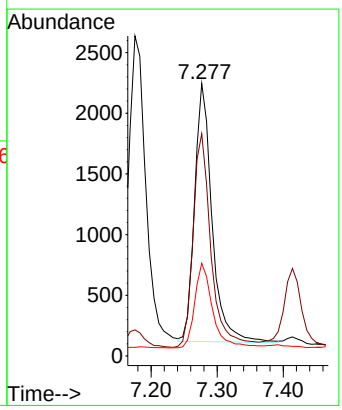


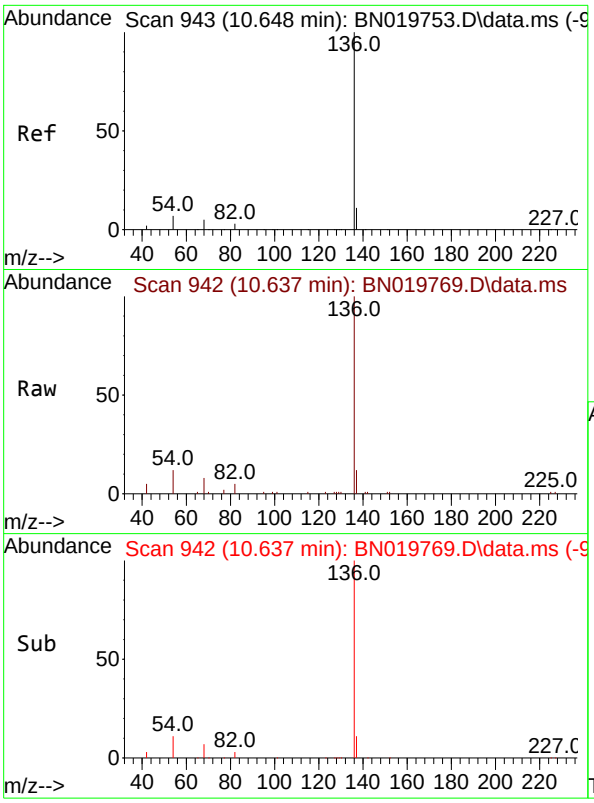


#6
bis(2-Chloroethyl)ether
Concen: 0.357 ng
RT: 7.277 min Scan# 581
Delta R.T. -0.007 min
Lab File: BN019769.D
Acq: 13 May 2022 15:05

Tgt Ion: 93 Resp: 3922

Ion	Ratio	Lower	Upper
93	100		
63	85.1	67.4	101.0
95	33.6	26.5	39.7



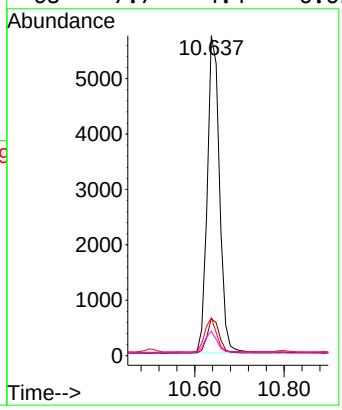


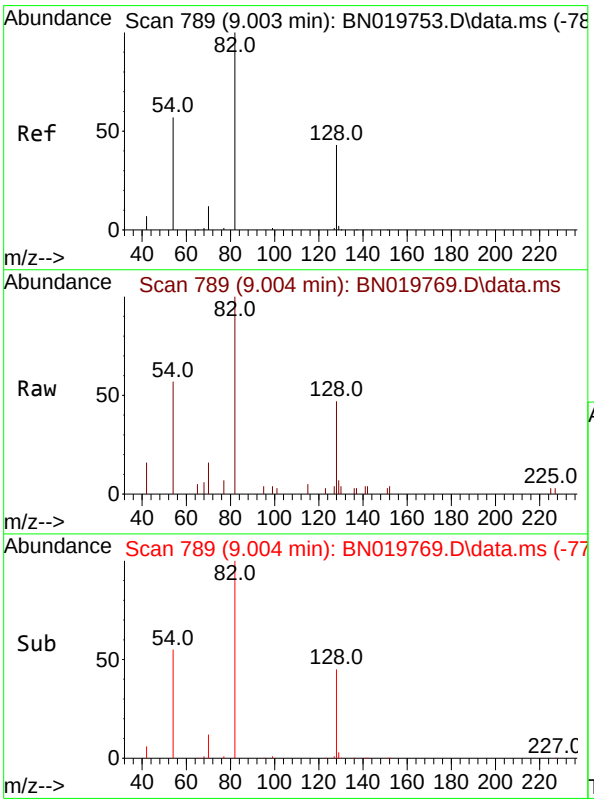
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN019769.D
Acq: 13 May 2022 15:05

Instrument :
BNA_N
ClientSampleId :
PB144707BS

Tgt Ion:136 Resp: 10854

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.6
54	11.9	6.2	9.2#
68	7.7	4.4	6.6#

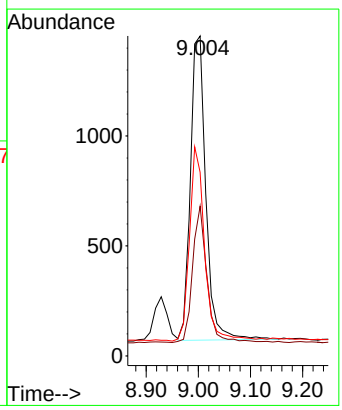


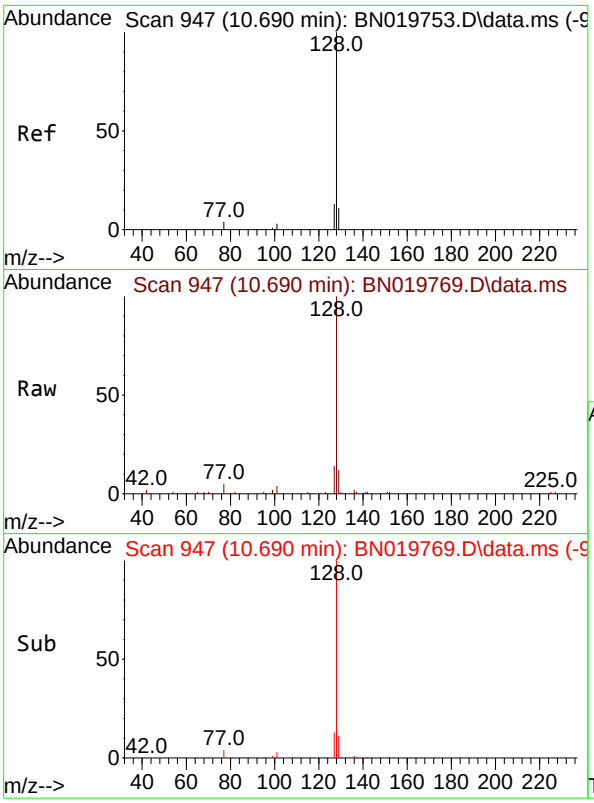


#8
Nitrobenzene-d5
Concen: 0.349 ng
RT: 9.004 min Scan# 789
Delta R.T. 0.000 min
Lab File: BN019769.D
Acq: 13 May 2022 15:05

Tgt Ion: 82 Resp: 2862

Ion	Ratio	Lower	Upper
82	100		
128	46.8	35.0	52.6
54	57.4	46.2	69.4



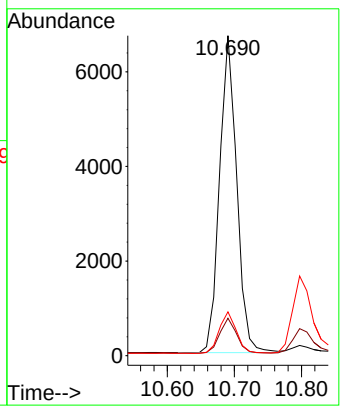


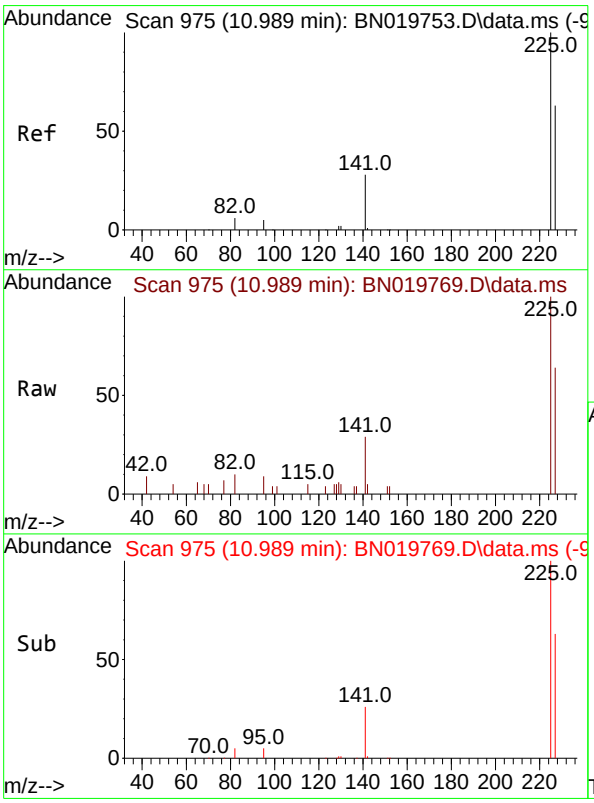
#9
Naphthalene
Concen: 0.363 ng
RT: 10.690 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN019769.D
Acq: 13 May 2022 15:05

Instrument :
BNA_N
ClientSampleId :
PB144707BS

Tgt Ion:128 Resp: 11954

Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.9	13.3
127	13.7	10.8	16.2

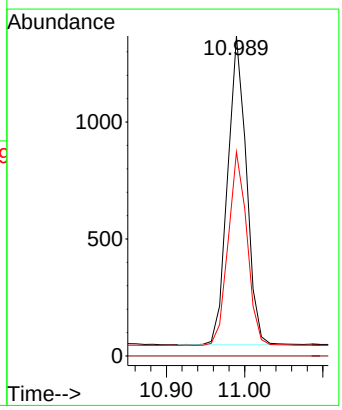


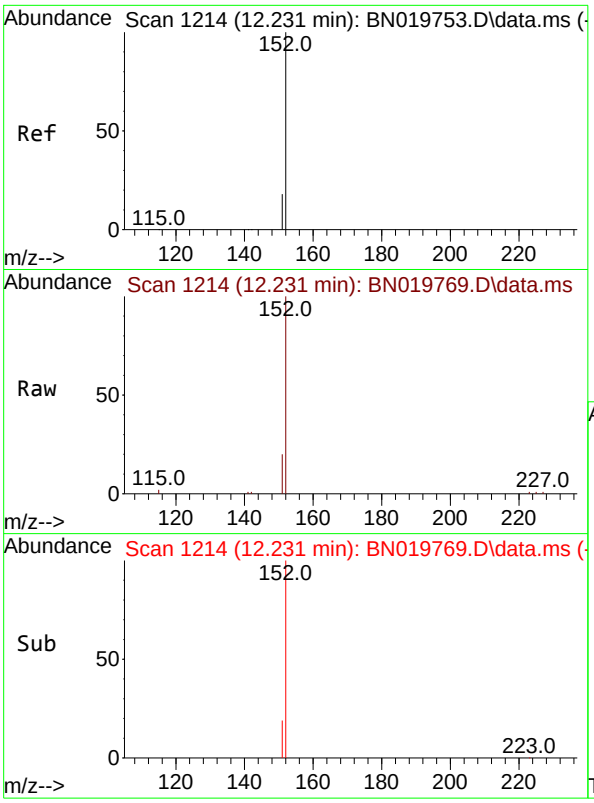


#10
Hexachlorobutadiene
Concen: 0.366 ng
RT: 10.989 min Scan# 975
Delta R.T. -0.011 min
Lab File: BN019769.D
Acq: 13 May 2022 15:05

Tgt Ion:225 Resp: 2196

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.9	50.9	76.3



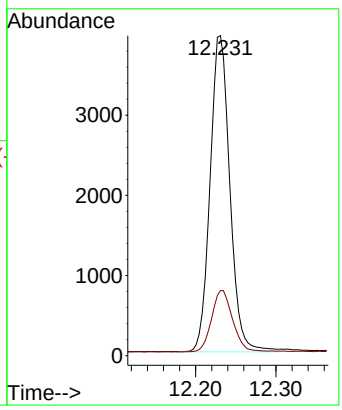


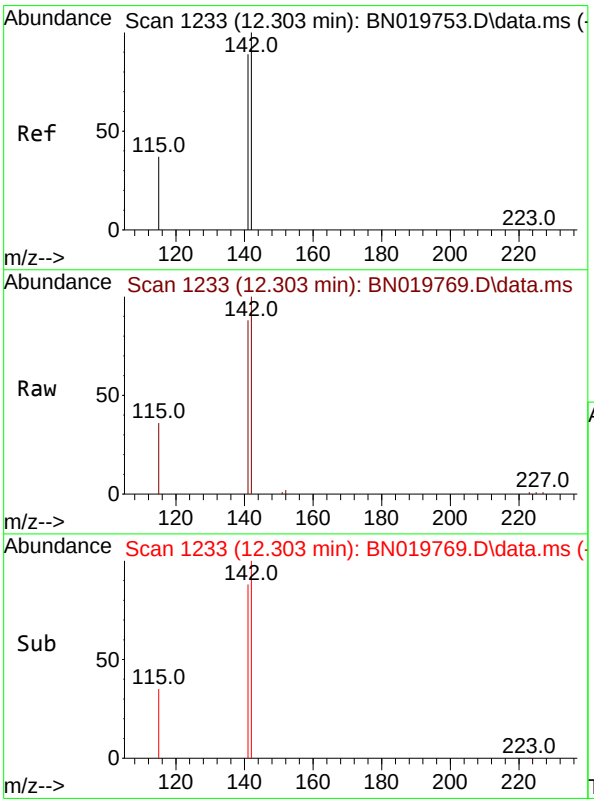
#11
2-Methylnaphthalene-d10
Concen: 0.357 ng
RT: 12.231 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN019769.D
Acq: 13 May 2022 15:05

Instrument :
BNA_N
ClientSampleId :
PB144707BS

Tgt Ion:152 Resp: 6740

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.2	24.4

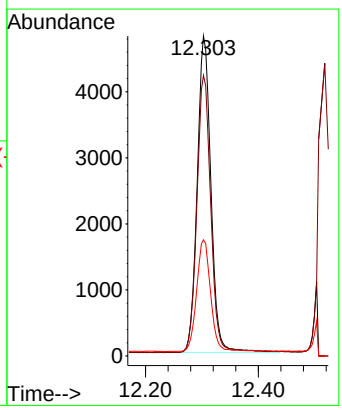


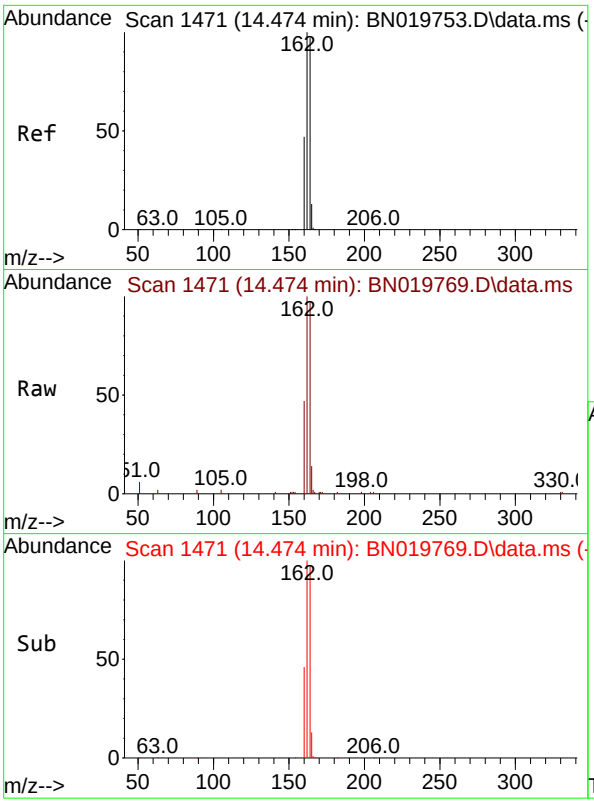


#12
2-Methylnaphthalene
Concen: 0.360 ng
RT: 12.303 min Scan# 1233
Delta R.T. -0.007 min
Lab File: BN019769.D
Acq: 13 May 2022 15:05

Tgt Ion:142 Resp: 8087

Ion	Ratio	Lower	Upper
142	100		
141	87.7	71.6	107.4
115	36.3	29.8	44.8



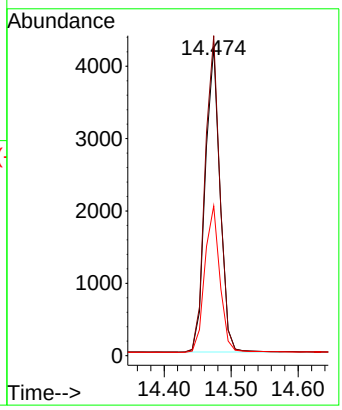


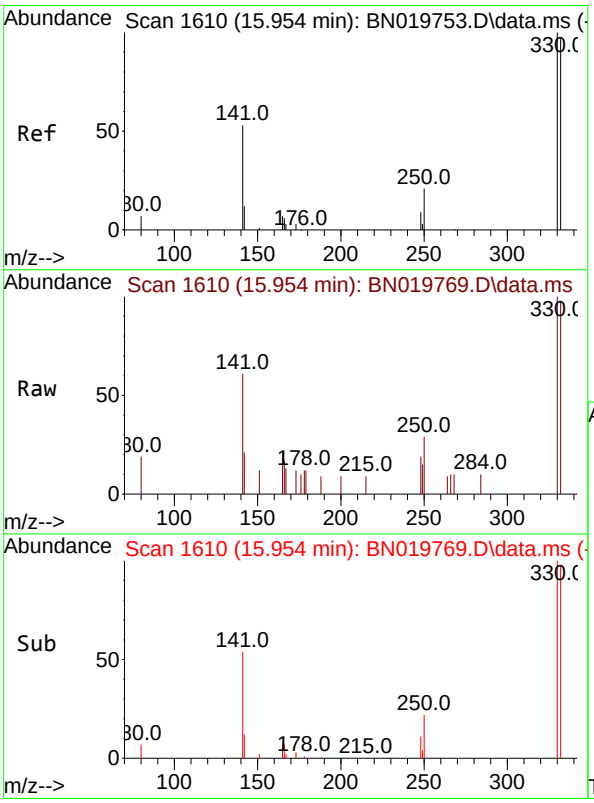
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.474 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN019769.D
Acq: 13 May 2022 15:05

Instrument :
BNA_N
ClientSampleId :
PB144707BS

Tgt Ion:164 Resp: 6437

Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.1	123.1
160	48.4	38.6	58.0

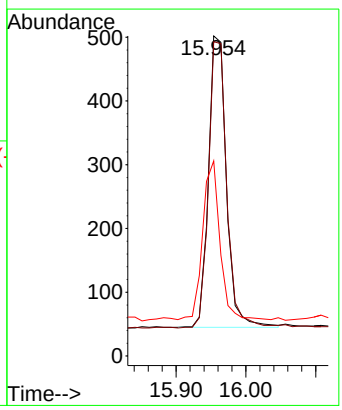


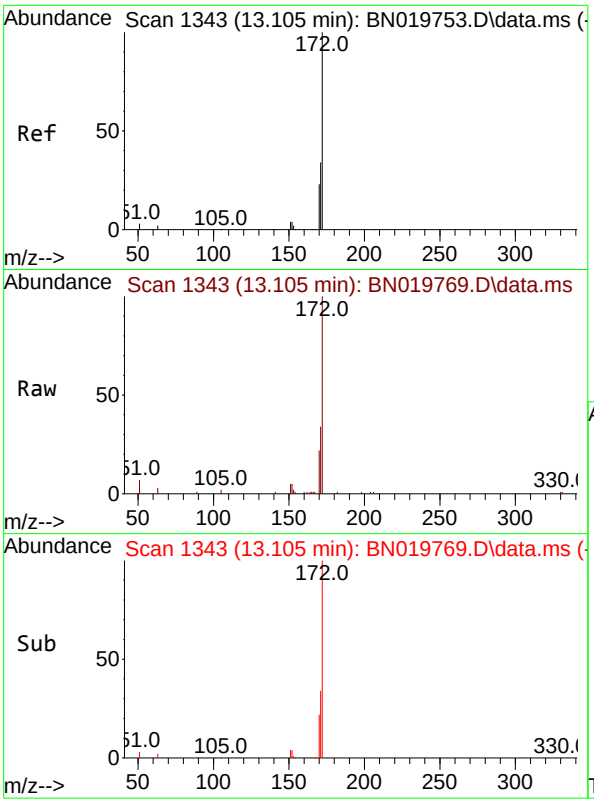


#14
2,4,6-Tribromophenol
Concen: 0.320 ng
RT: 15.954 min Scan# 1610
Delta R.T. -0.010 min
Lab File: BN019769.D
Acq: 13 May 2022 15:05

Tgt Ion:330 Resp: 815

Ion	Ratio	Lower	Upper
330	100		
332	100.6	77.6	116.4
141	51.8	41.0	61.4



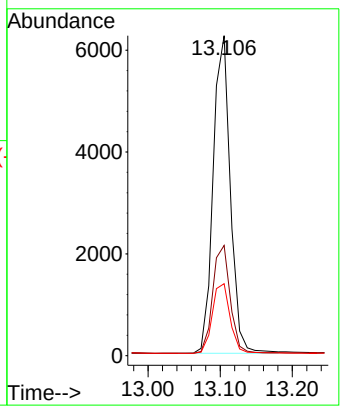


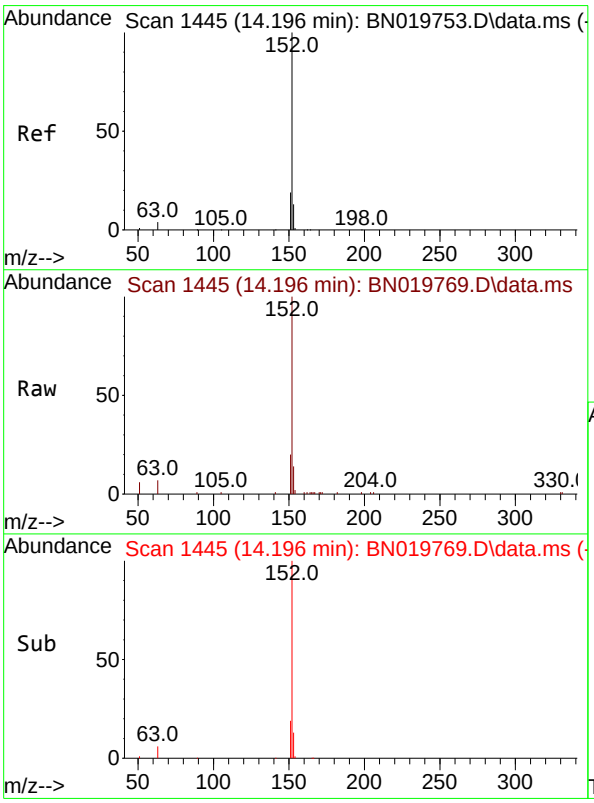
#15
2-Fluorobiphenyl
Concen: 0.367 ng
RT: 13.105 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019769.D
Acq: 13 May 2022 15:05

Instrument :
BNA_N
ClientSampleId :
PB144707BS

Tgt Ion:172 Resp: 10320

Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.2	40.8
170	22.5	18.2	27.4

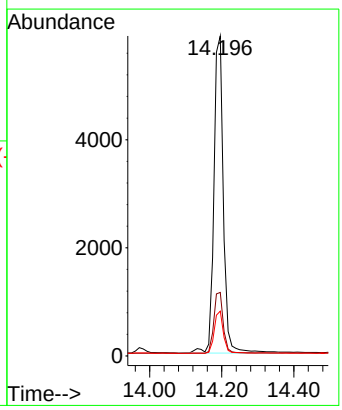


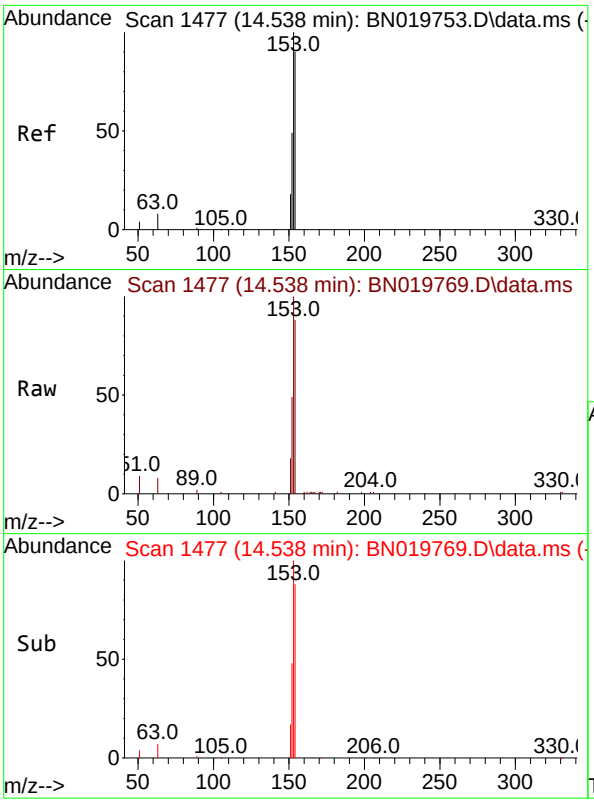


#16
Acenaphthylene
Concen: 0.355 ng
RT: 14.196 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BN019769.D
Acq: 13 May 2022 15:05

Tgt Ion:152 Resp: 10711

Ion	Ratio	Lower	Upper
152	100		
151	19.1	16.2	24.4
153	12.8	10.7	16.1



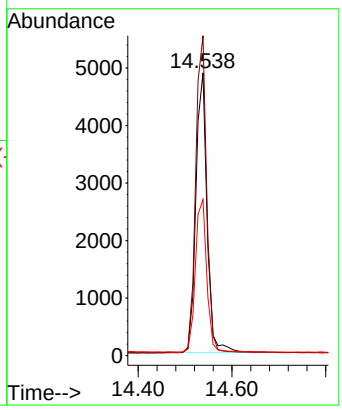


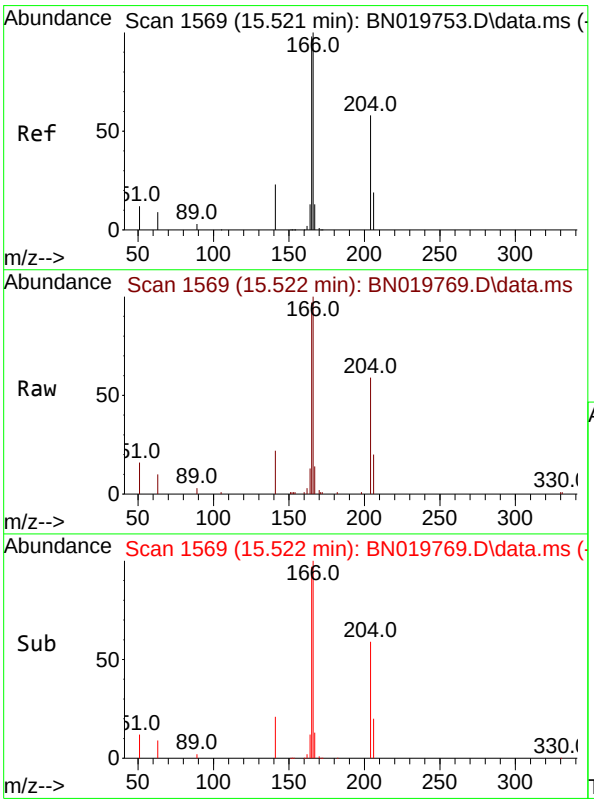
#17
Acenaphthene
Concen: 0.359 ng
RT: 14.538 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN019769.D
Acq: 13 May 2022 15:05

Instrument :
BNA_N
ClientSampleId :
PB144707BS

Tgt Ion:154 Resp: 8014

Ion	Ratio	Lower	Upper
154	100		
153	112.0	87.5	131.3
152	55.9	43.8	65.6

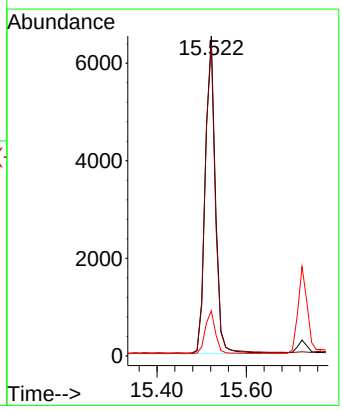


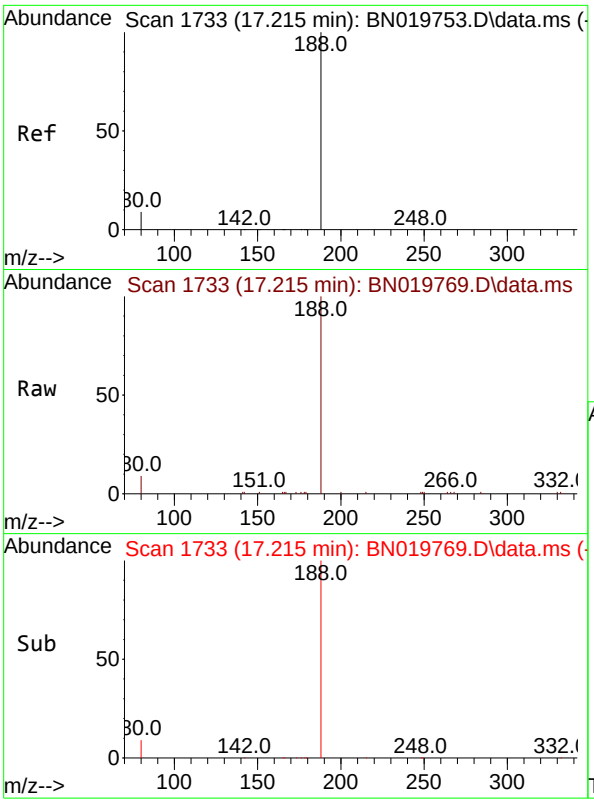


#18
Fluorene
Concen: 0.361 ng
RT: 15.522 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BN019769.D
Acq: 13 May 2022 15:05

Tgt Ion:166 Resp: 10185

Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.6	118.0
167	13.6	10.8	16.2



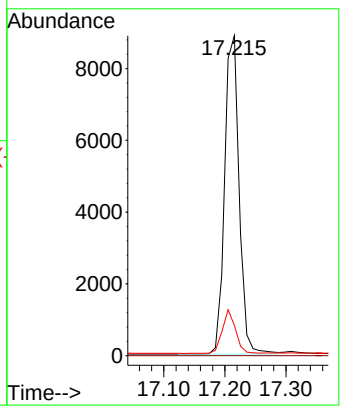


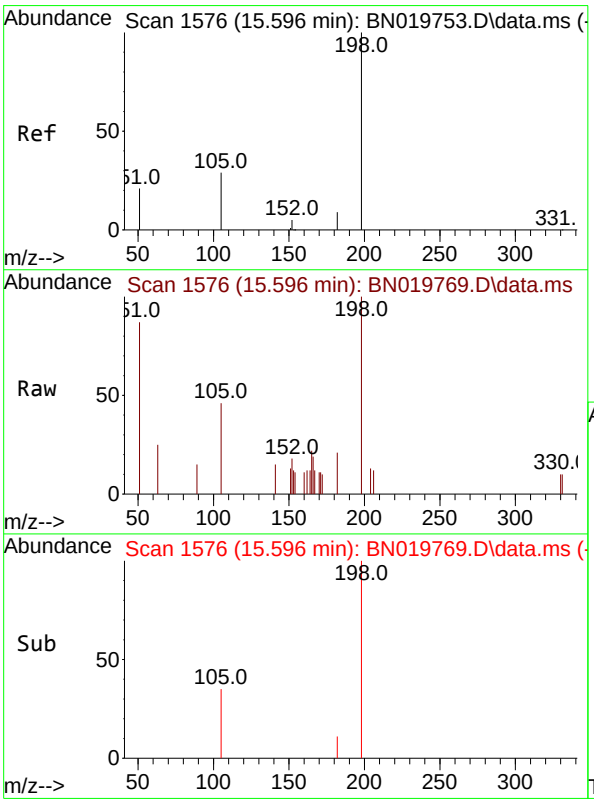
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.215 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019769.D
Acq: 13 May 2022 15:05

Instrument :
BNA_N
ClientSampleId :
PB144707BS

Tgt Ion:188 Resp: 14621

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.4	7.4	11.2

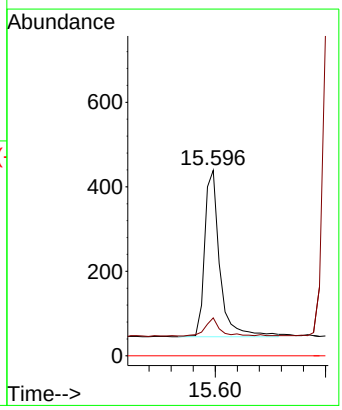


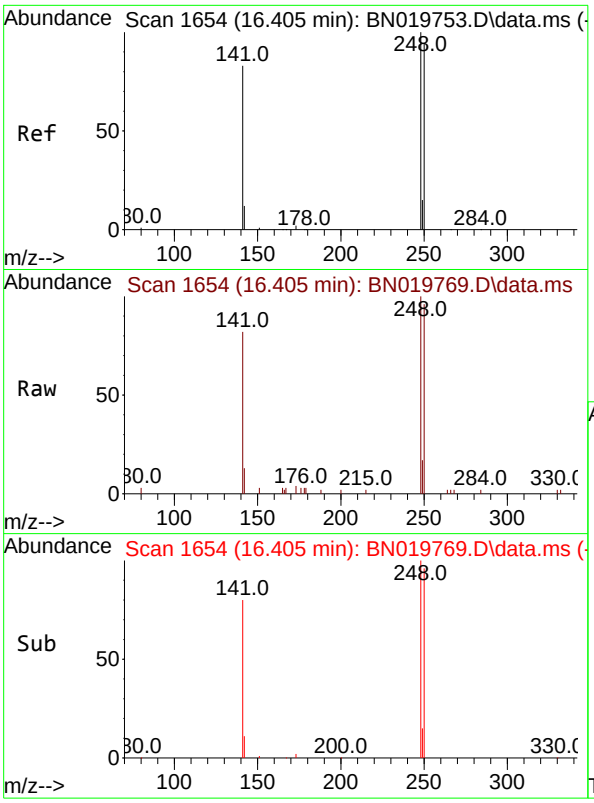


#20
4,6-Dinitro-2-methylphenol
Concen: 0.360 ng
RT: 15.596 min Scan# 1576
Delta R.T. 0.000 min
Lab File: BN019769.D
Acq: 13 May 2022 15:05

Tgt Ion:198 Resp: 756

Ion	Ratio	Lower	Upper
198	100		
182	20.5	12.1	18.1#
77	0.0	0.0	0.0



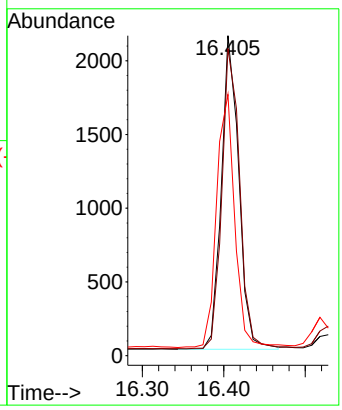


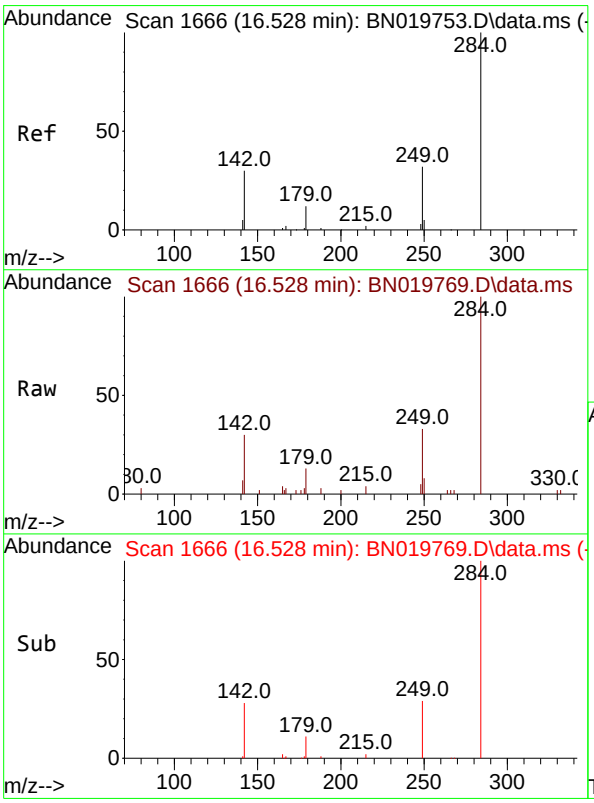
#21
4-Bromophenyl-phenylether
Concen: 0.353 ng
RT: 16.405 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN019769.D
Acq: 13 May 2022 15:05

Instrument :
BNA_N
ClientSampleId :
PB144707BS

Tgt Ion:248 Resp: 3154

Ion	Ratio	Lower	Upper
248	100		
250	96.0	75.3	112.9
141	81.7	67.3	100.9

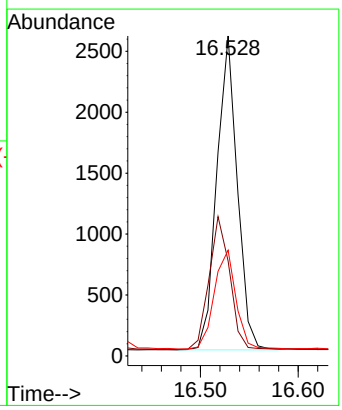


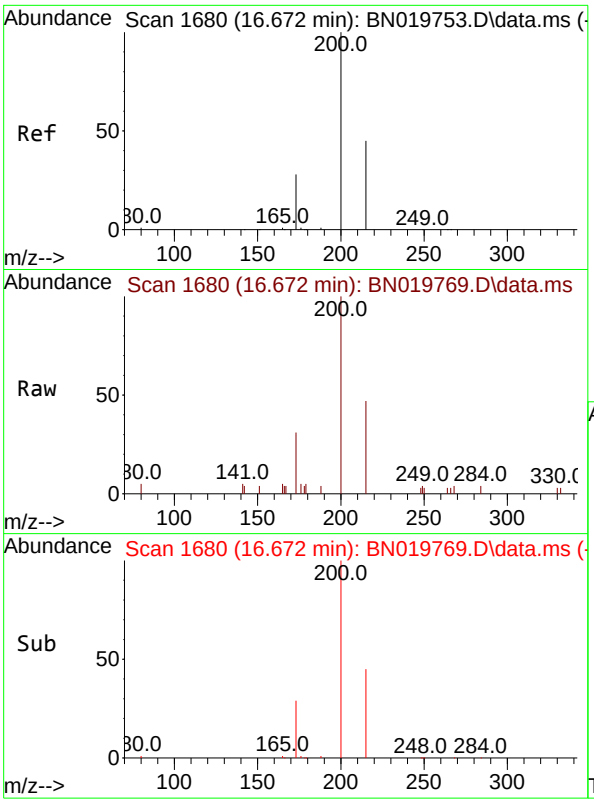


#22
Hexachlorobenzene
Concen: 0.379 ng
RT: 16.528 min Scan# 1666
Delta R.T. 0.000 min
Lab File: BN019769.D
Acq: 13 May 2022 15:05

Tgt Ion:284 Resp: 3757

Ion	Ratio	Lower	Upper
284	100		
142	42.7	35.2	52.8
249	33.3	26.6	40.0



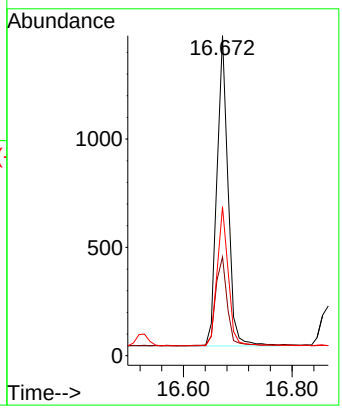


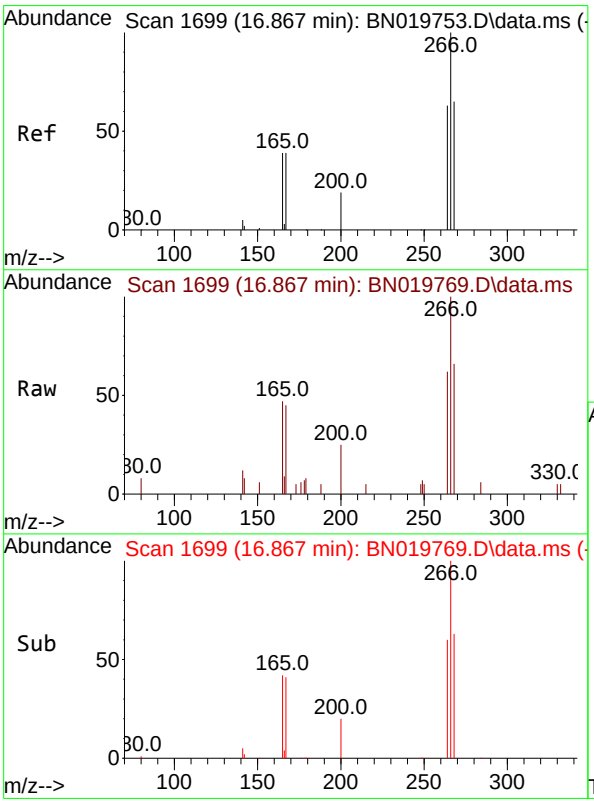
#23
Atrazine
Concen: 0.349 ng
RT: 16.672 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019769.D
Acq: 13 May 2022 15:05

Instrument :
BNA_N
ClientSampleId :
PB144707BS

Tgt Ion:200 Resp: 2033

Ion	Ratio	Lower	Upper
200	100		
173	30.9	23.6	35.4
215	46.6	36.6	54.8

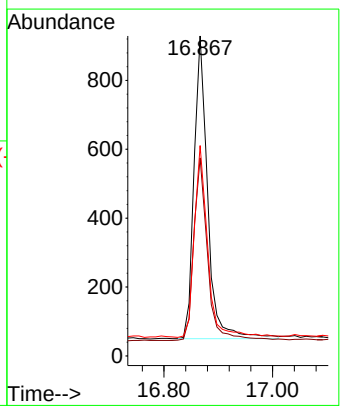


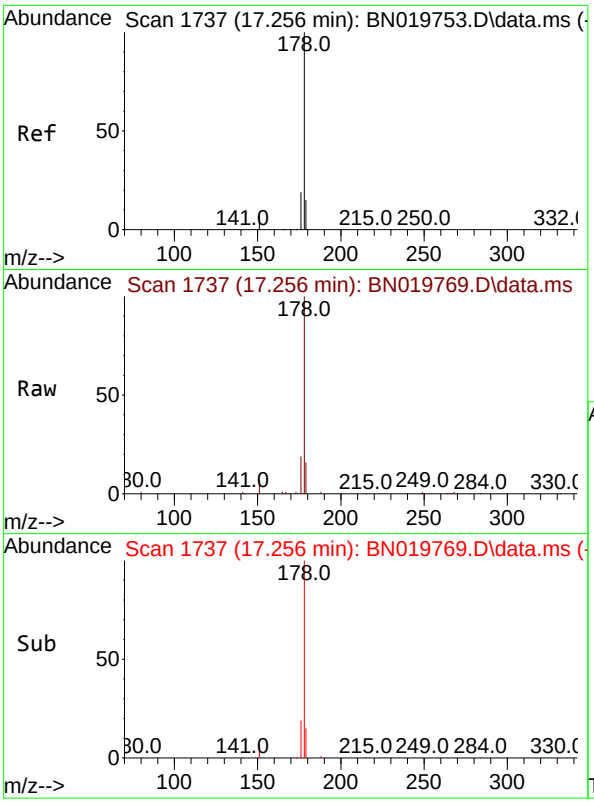


#24
Pentachlorophenol
Concen: 0.402 ng
RT: 16.867 min Scan# 1699
Delta R.T. -0.000 min
Lab File: BN019769.D
Acq: 13 May 2022 15:05

Tgt Ion:266 Resp: 1537

Ion	Ratio	Lower	Upper
266	100		
264	60.9	51.3	76.9
268	62.6	52.6	79.0



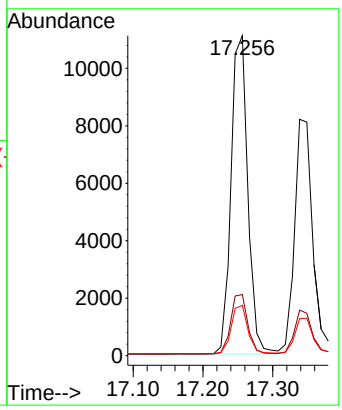


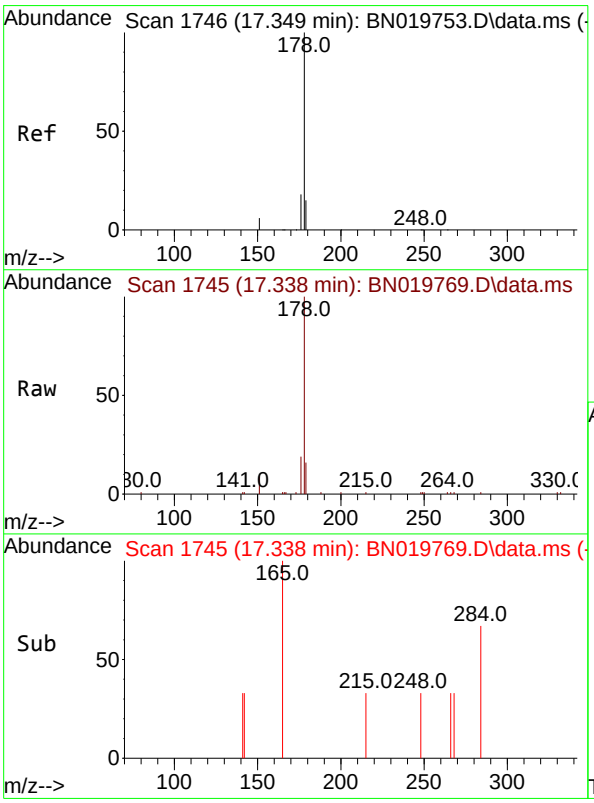
#25
Phenanthrene
Concen: 0.365 ng
RT: 17.256 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019769.D
Acq: 13 May 2022 15:05

Instrument :
BNA_N
ClientSampleId :
PB144707BS

Tgt Ion:178 Resp: 18499

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.1	12.2	18.4

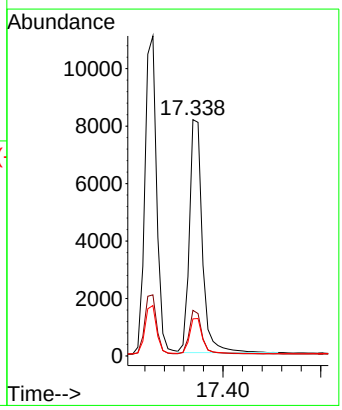


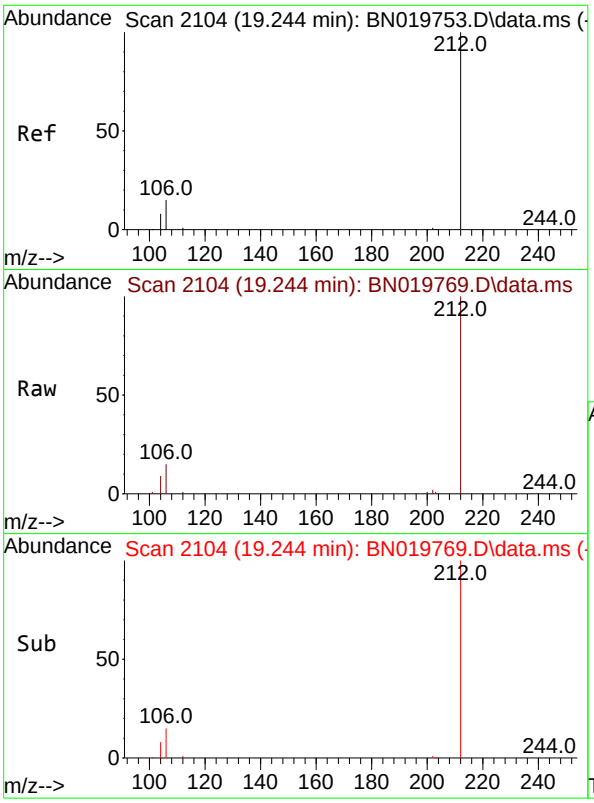


#26
Anthracene
Concen: 0.348 ng
RT: 17.338 min Scan# 1745
Delta R.T. -0.010 min
Lab File: BN019769.D
Acq: 13 May 2022 15:05

Tgt Ion:178 Resp: 14895

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.9	22.3
179	15.4	12.2	18.4



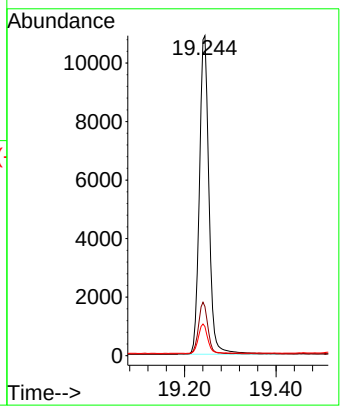


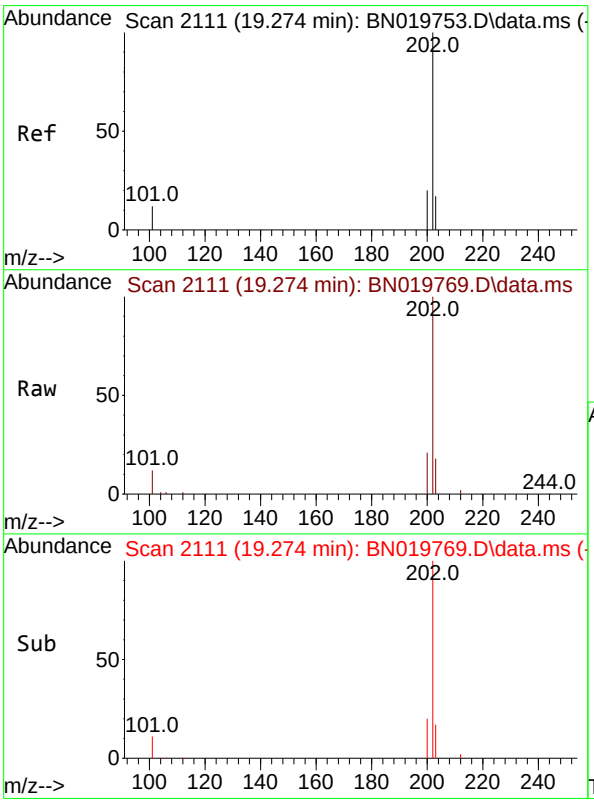
#27
Fluoranthene-d10
Concen: 0.382 ng
RT: 19.244 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN019769.D
Acq: 13 May 2022 15:05

Instrument :
BNA_N
ClientSampleId :
PB144707BS

Tgt Ion:212 Resp: 15865

Ion	Ratio	Lower	Upper
212	100		
106	16.0	12.6	19.0
104	9.1	7.2	10.8

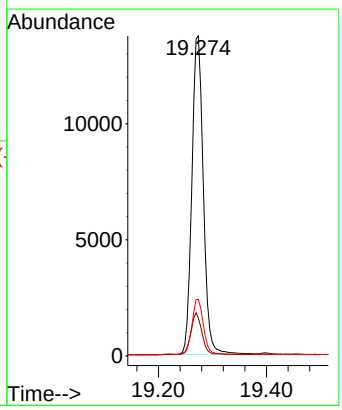


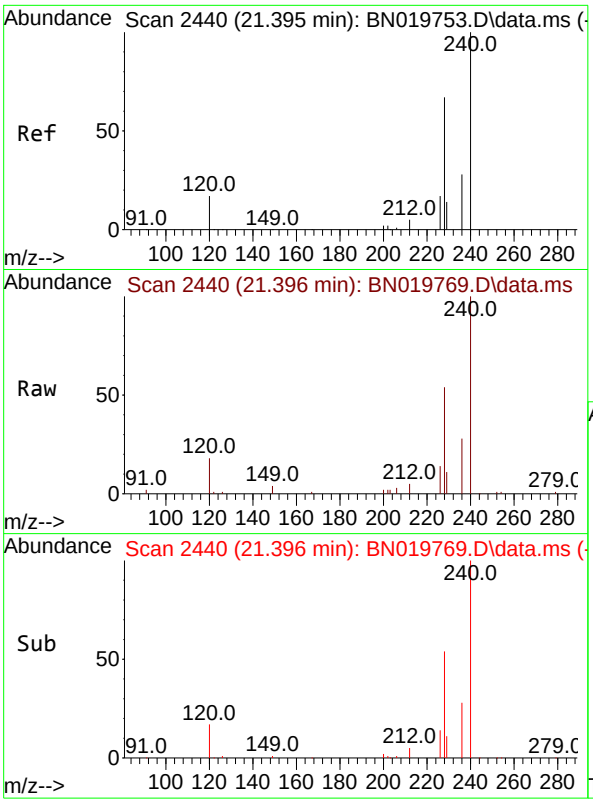


#28
Fluoranthene
Concen: 0.374 ng
RT: 19.274 min Scan# 2111
Delta R.T. -0.004 min
Lab File: BN019769.D
Acq: 13 May 2022 15:05

Tgt Ion:202 Resp: 20274

Ion	Ratio	Lower	Upper
202	100		
101	12.9	9.6	14.4
203	17.1	13.5	20.3



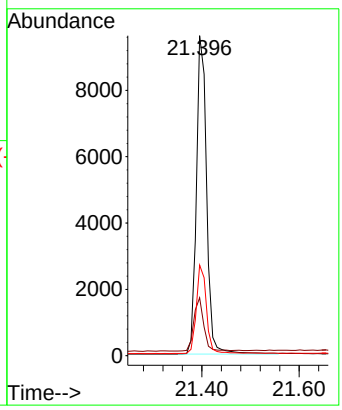


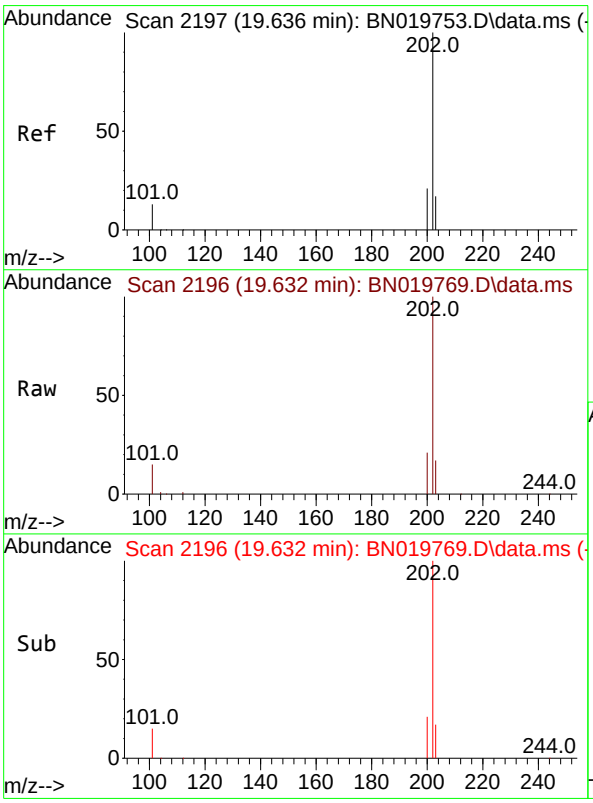
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.396 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN019769.D
Acq: 13 May 2022 15:05

Instrument :
BNA_N
ClientSampleId :
PB144707BS

Tgt Ion:240 Resp: 13972

Ion	Ratio	Lower	Upper
240	100		
120	18.1	14.6	21.8
236	28.3	22.6	33.8

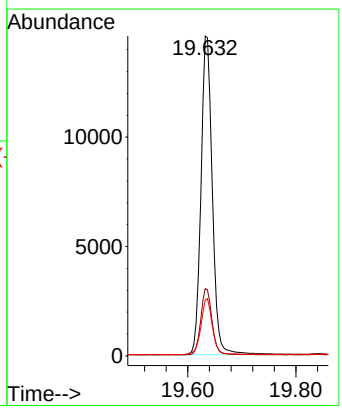


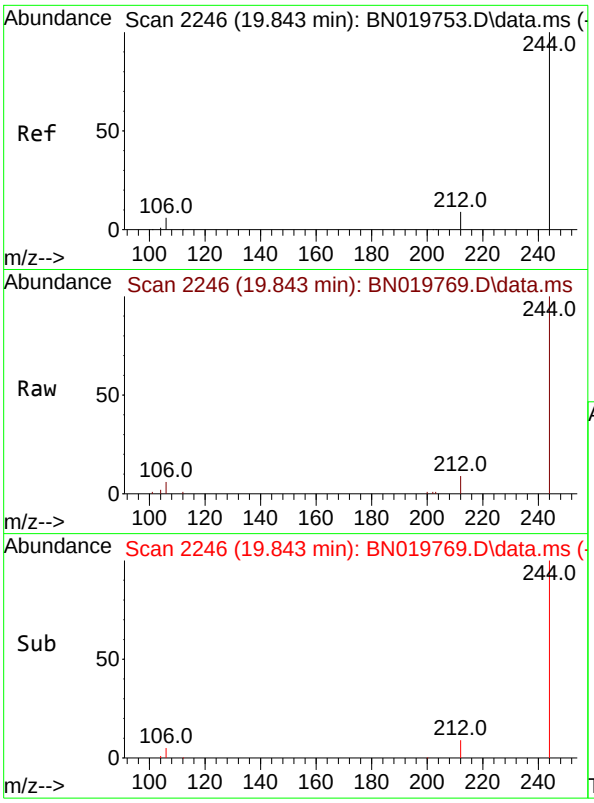


#30
Pyrene
Concen: 0.357 ng
RT: 19.632 min Scan# 2196
Delta R.T. -0.008 min
Lab File: BN019769.D
Acq: 13 May 2022 15:05

Tgt Ion:202 Resp: 21162

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	25.0
203	17.5	14.2	21.2



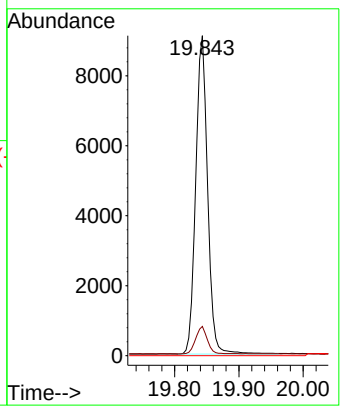


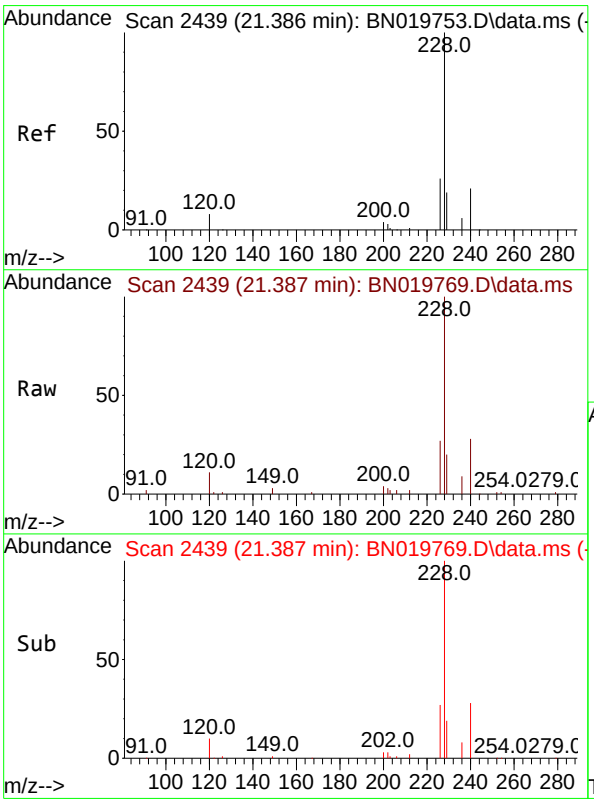
#31
Terphenyl-d14
Concen: 0.355 ng
RT: 19.843 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN019769.D
Acq: 13 May 2022 15:05

Instrument :
BNA_N
ClientSampleId :
PB144707BS

Tgt Ion:244 Resp: 11695

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.1	10.7
122	0.0	0.0	0.0

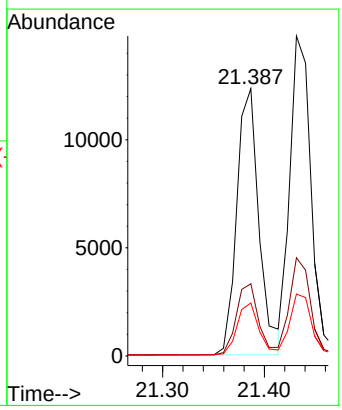


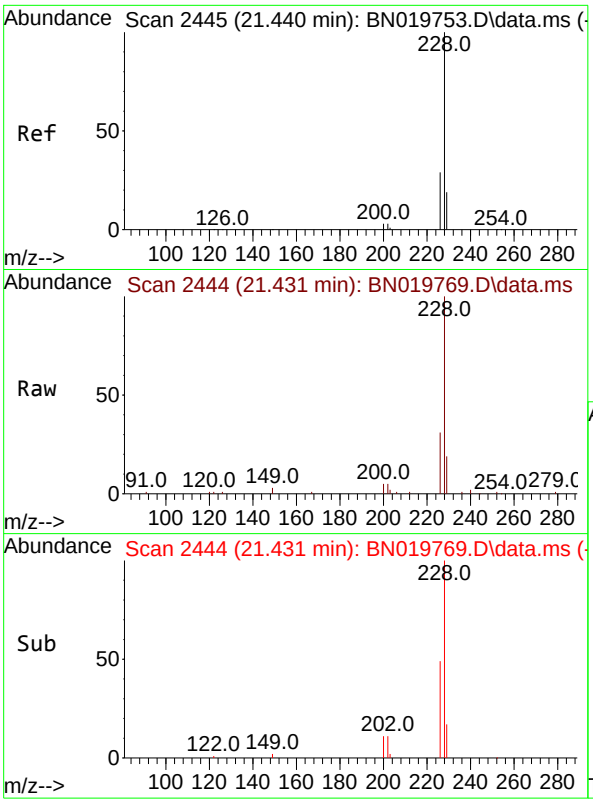


#32
Benzo(a)anthracene
Concen: 0.368 ng
RT: 21.387 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BN019769.D
Acq: 13 May 2022 15:05

Tgt Ion:228 Resp: 18713

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.2	31.8
229	19.8	15.6	23.4



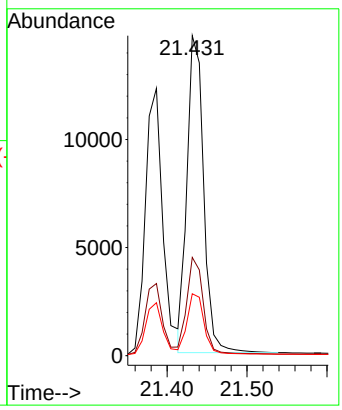


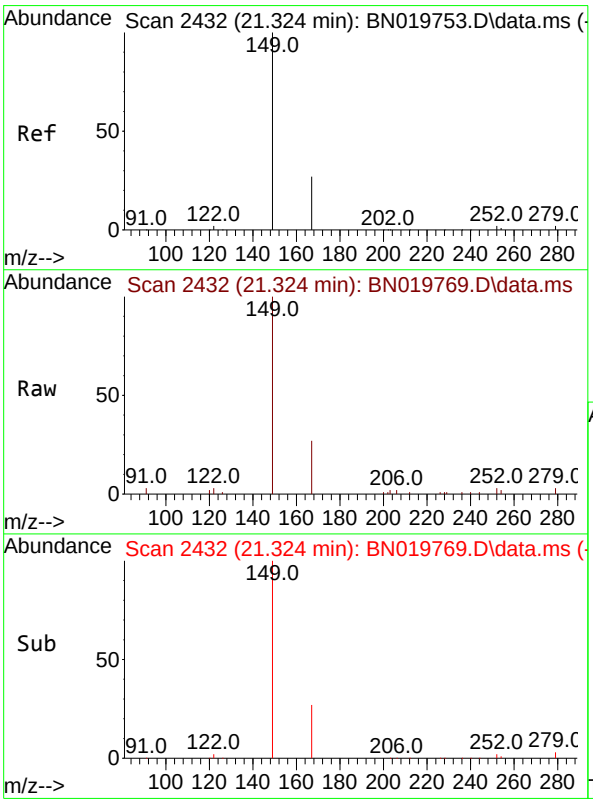
#33
Chrysene
Concen: 0.372 ng
RT: 21.431 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN019769.D
Acq: 13 May 2022 15:05

Instrument :
BNA_N
ClientSampleId :
PB144707BS

Tgt Ion:228 Resp: 21245

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.4	35.0
229	19.4	15.7	23.5

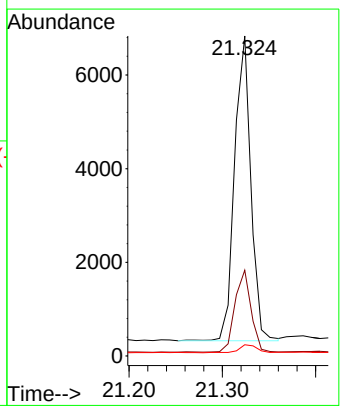


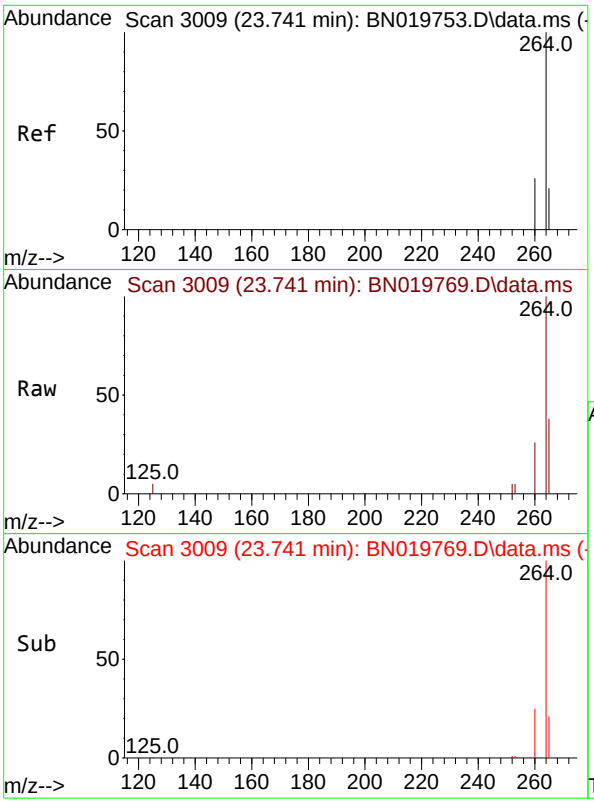


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.373 ng
RT: 21.324 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BN019769.D
Acq: 13 May 2022 15:05

Tgt Ion:149 Resp: 7906

Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.7	32.5
279	2.9	2.2	3.2



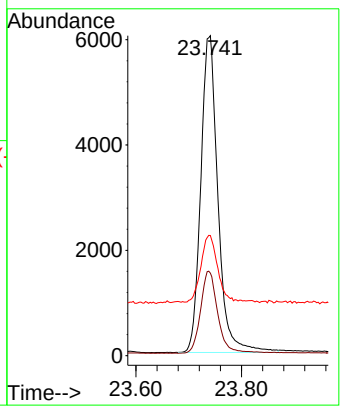


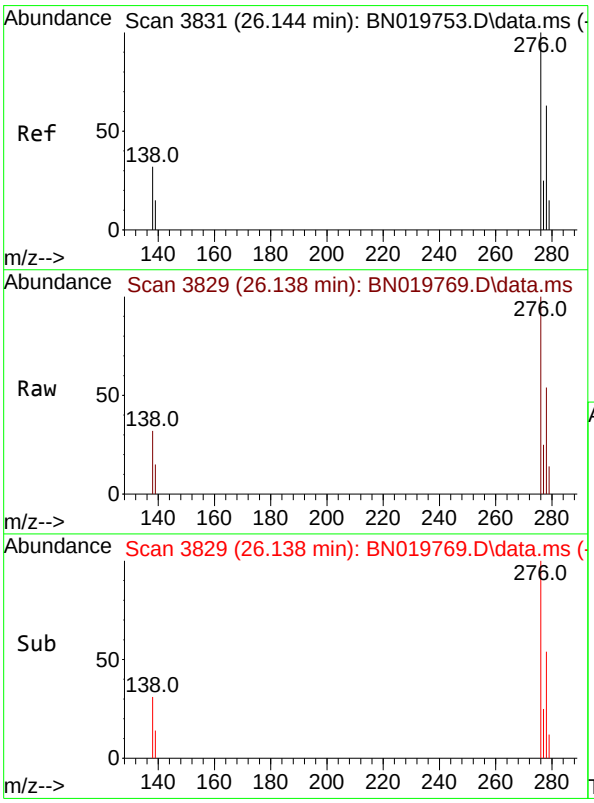
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.741 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN019769.D
Acq: 13 May 2022 15:05

Instrument :
BNA_N
ClientSampleId :
PB144707BS

Tgt Ion:264 Resp: 13596

Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.9	31.3
265	37.5	28.0	42.0

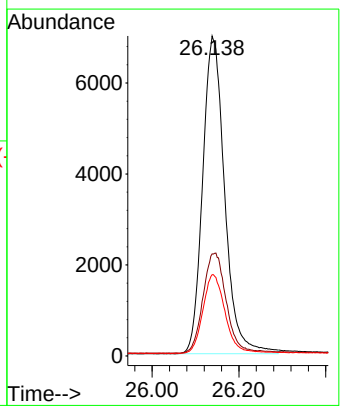


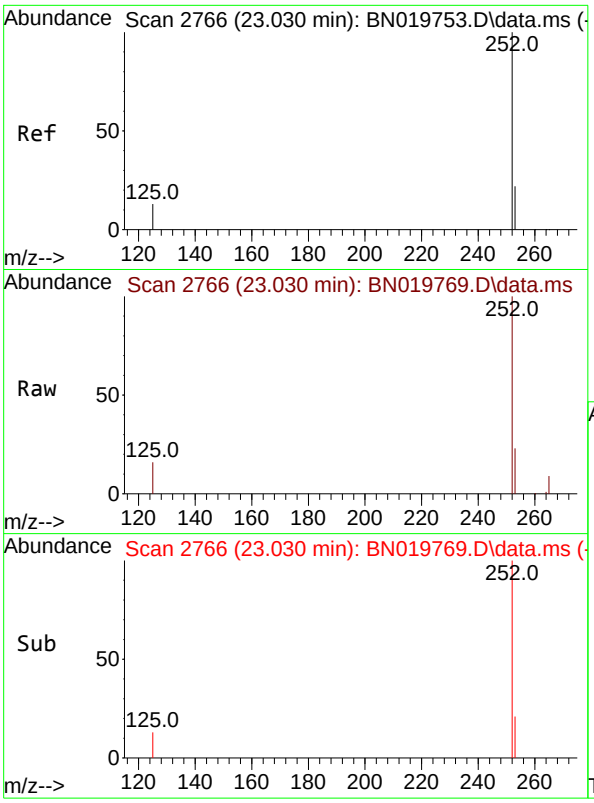


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.385 ng
RT: 26.138 min Scan# 3829
Delta R.T. -0.015 min
Lab File: BN019769.D
Acq: 13 May 2022 15:05

Tgt Ion:276 Resp: 24541

Ion	Ratio	Lower	Upper
276	100		
138	33.1	25.9	38.9
277	24.9	19.8	29.8



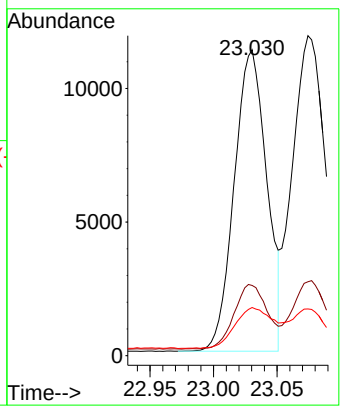


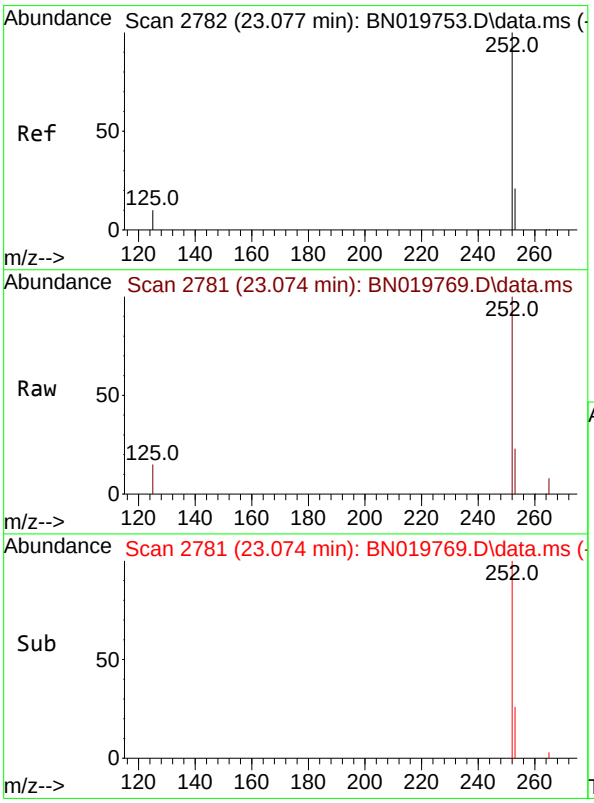
#37
Benzo(b)fluoranthene
Concen: 0.339 ng
RT: 23.030 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN019769.D
Acq: 13 May 2022 15:05

Instrument :
BNA_N
ClientSampleId :
PB144707BS

Tgt Ion:252 Resp: 20089

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.5	27.7
125	15.7	11.4	17.0

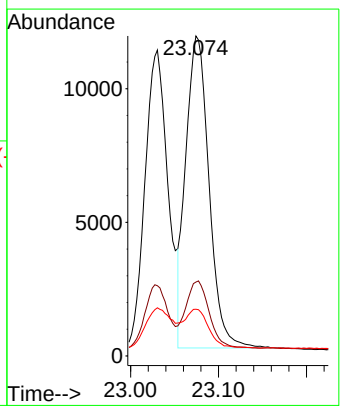


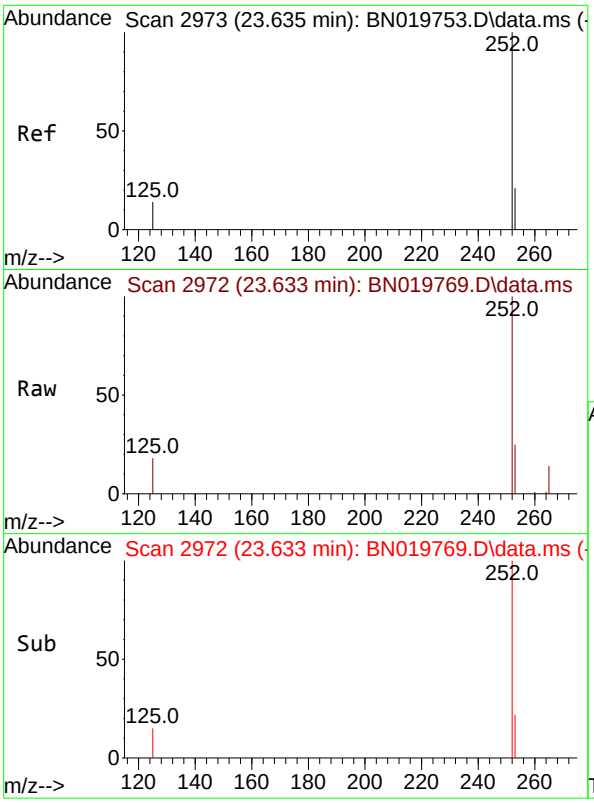


#38
Benzo(k)fluoranthene
Concen: 0.341 ng
RT: 23.074 min Scan# 2781
Delta R.T. -0.006 min
Lab File: BN019769.D
Acq: 13 May 2022 15:05

Tgt Ion:252 Resp: 21454

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.0	27.0
125	14.6	11.0	16.4



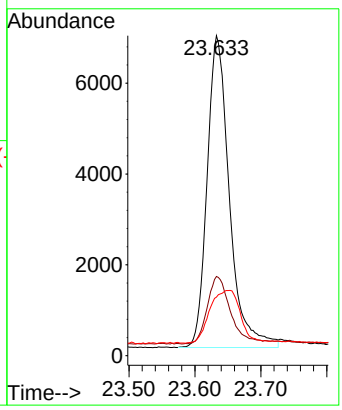


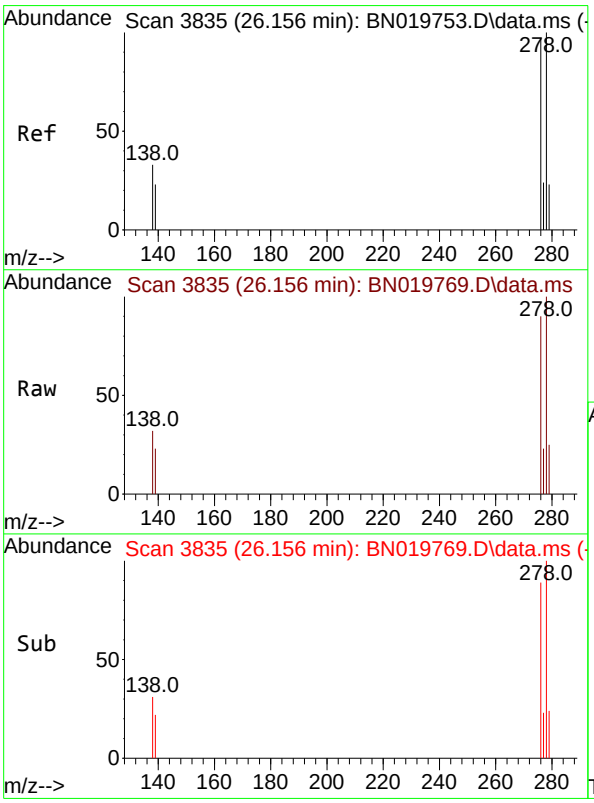
#39
Benzo(a)pyrene
Concen: 0.345 ng
RT: 23.633 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN019769.D
Acq: 13 May 2022 15:05

Instrument :
BNA_N
ClientSampleId :
PB144707BS

Tgt Ion:252 Resp: 16132

Ion	Ratio	Lower	Upper
252	100		
253	24.8	19.0	28.4
125	18.3	13.8	20.8

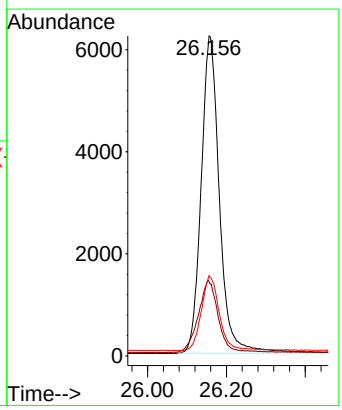


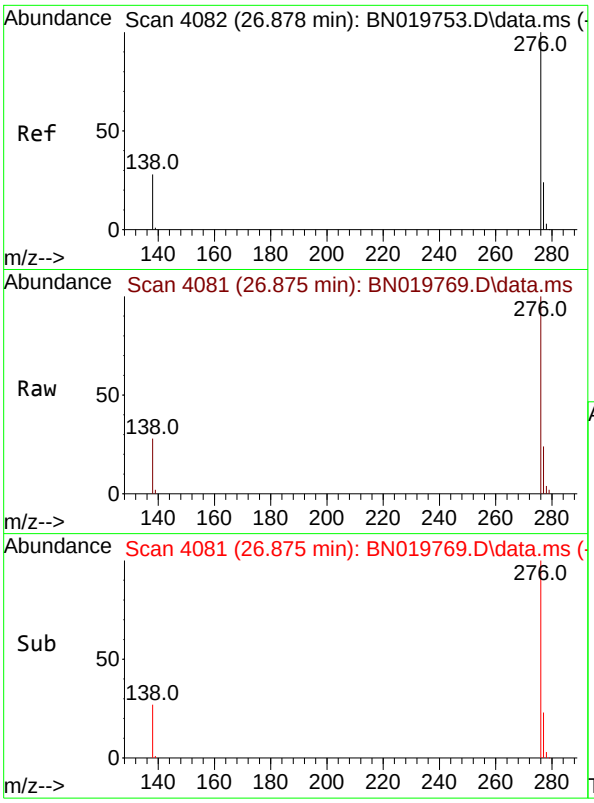


#40
Dibenzo(a,h)anthracene
Concen: 0.388 ng
RT: 26.156 min Scan# 3835
Delta R.T. -0.015 min
Lab File: BN019769.D
Acq: 13 May 2022 15:05

Tgt Ion:278 Resp: 19891

Ion	Ratio	Lower	Upper
278	100		
139	23.3	18.6	28.0
279	25.1	19.7	29.5





#41
Benzo(g,h,i)perylene
Concen: 0.376 ng
RT: 26.875 min Scan# 4
Delta R.T. -0.012 min
Lab File: BN019769.D
Acq: 13 May 2022 15:05

Instrument :
BNA_N
ClientSampleId :
PB144707BS

Tgt Ion:276 Resp: 19863

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.5	29.3
138	27.9	22.6	34.0