Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040622\
Data File : BN019369.D
Acq On : 06 Apr 2022 13:59
Operator : CG/JU
Sample : N2258-10MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TW-E5MS

Quant Time: Apr 07 05:28:11 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN040422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 04 17:40:00 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.825	152	2965	0.400	ng		0.00
7) Naphthalene-d8	10.626	136	9849	0.400	ng	#	0.00
13) Acenaphthene-d10	14.463	164	7080	0.400	ng		0.00
19) Phenanthrene-d10	17.205	188	16364	0.400	ng	#	0.00
29) Chrysene-d12	21.386	240	15327	0.400	ng	#	0.00
35) Perylene-d12	23.741	264	13501	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.384	112	1401	0.176	ng		0.00
5) Phenol-d6	6.995	99	1114	0.117	ng		0.00
8) Nitrobenzene-d5	8.982	82	2142	0.239	ng		0.00
11) 2-Methylnaphthalene-d10	12.219	152	5347	0.309	ng		0.00
14) 2,4,6-Tribromophenol	15.954	330	1518	0.353	ng		0.00
15) 2-Fluorobiphenyl	13.095	172	8097	0.275	ng		0.00
27) Fluoranthene-d10	19.236	212	21239	0.403	ng		0.00
31) Terphenyl-d14	19.830	244	12468	0.374	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.218	88	507	0.143	ng	#	74
3) n-Nitrosodimethylamine	3.543	42	984	0.210	ng	#	73
6) bis(2-Chloroethyl)ether	7.240	93	2887	0.300	ng		97
9) Naphthalene	10.680	128	8749	0.301	ng		98
10) Hexachlorobutadiene	10.979	225	1684	0.266	ng	#	99
12) 2-Methylnaphthalene	12.291	142	6314	0.313	ng		97
16) Acenaphthylene	14.185	152	11169	0.318	ng		99
17) Acenaphthene	14.527	154	7137	0.305	ng		99
18) Fluorene	15.511	166	10125	0.328	ng		100
20) 4,6-Dinitro-2-methylph...	15.596	198	423	0.141	ng	#	41
21) 4-Bromophenyl-phenylether	16.395	248	3545	0.322	ng	#	85
22) Hexachlorobenzene	16.518	284	4276	0.331	ng		99
23) Atrazine	16.661	200	3188	0.350	ng		97
24) Pentachlorophenol	16.866	266	2918	0.582	ng		98
25) Phenanthrene	17.246	178	19619	0.357	ng		99
26) Anthracene	17.338	178	17396	0.360	ng		99
28) Fluoranthene	19.265	202	24831	0.381	ng		99
30) Pyrene	19.628	202	27409	0.384	ng		99
32) Benzo(a)anthracene	21.369	228	20809	0.367	ng		98
33) Chrysene	21.422	228	20731	0.329	ng		99
34) Bis(2-ethylhexyl)phtha...	21.306	149	25388	0.602	ng		100
36) Indeno(1,2,3-cd)pyrene	26.167	276	12244	0.217	ng		95
37) Benzo(b)fluoranthene	23.024	252	16666	0.315	ng		97
38) Benzo(k)fluoranthene	23.071	252	16781	0.304	ng	#	96
39) Benzo(a)pyrene	23.635	252	16681	0.351	ng		95
40) Dibenzo(a,h)anthracene	26.182	278	8973	0.205	ng	#	90
41) Benzo(g,h,i)perylene	26.904	276	12844	0.245	ng		98

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

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Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 04 17:40:00 2022
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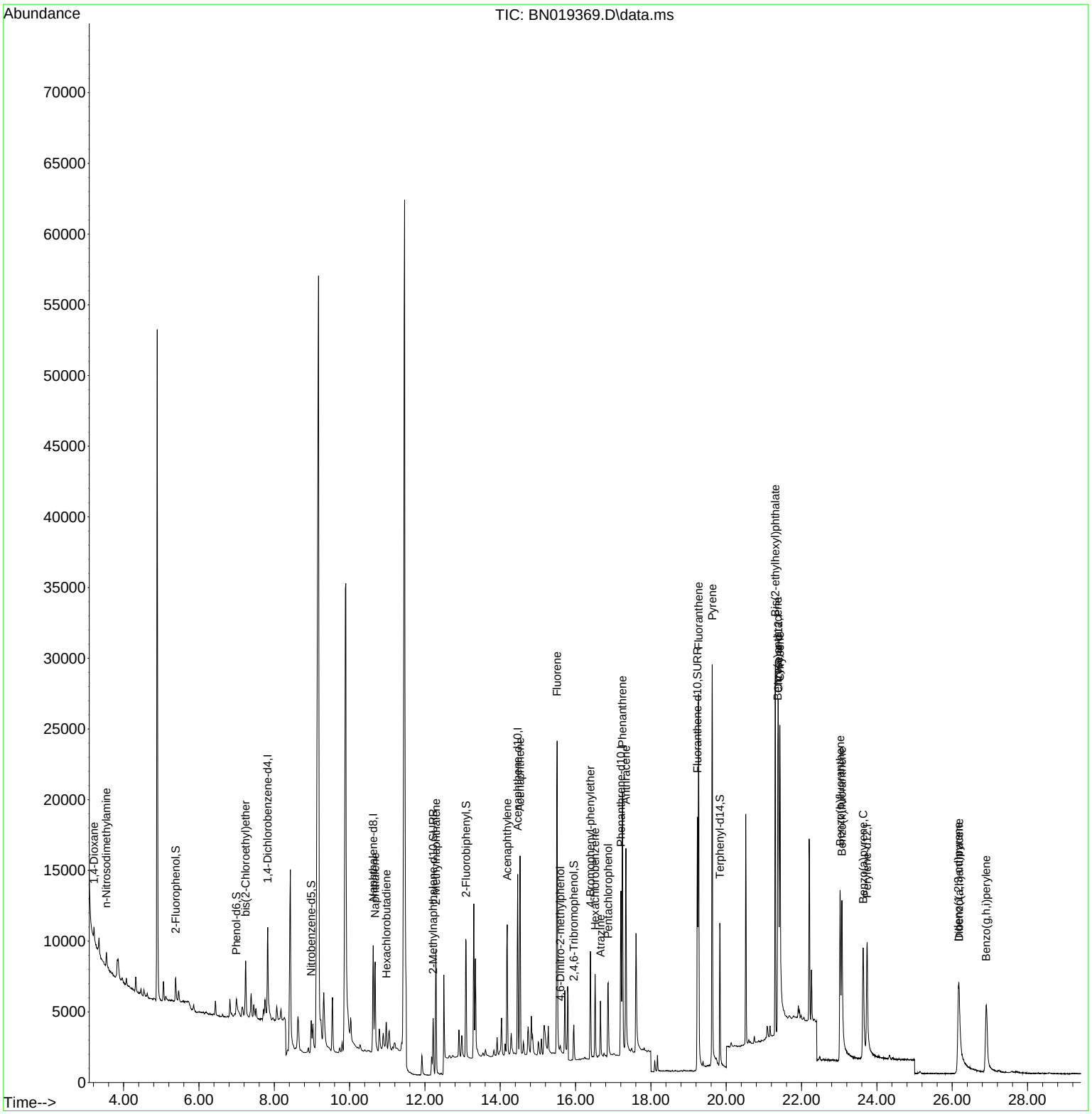
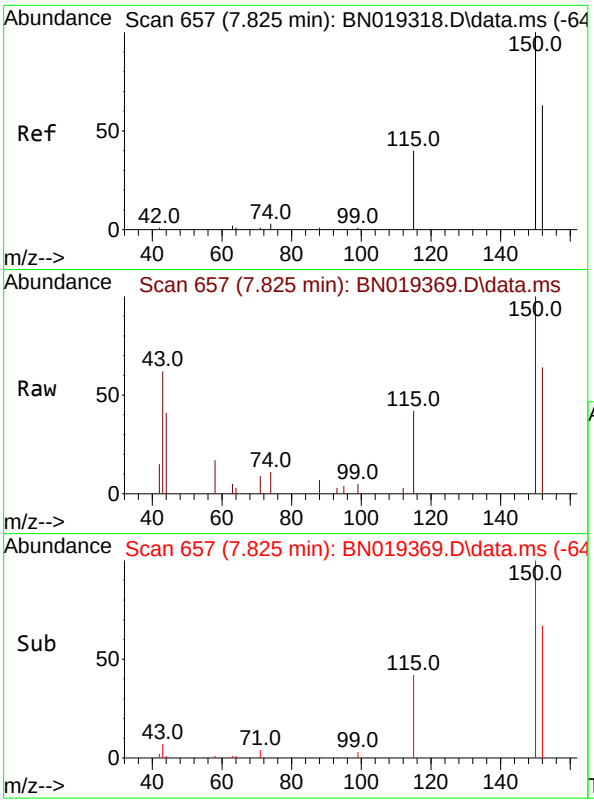


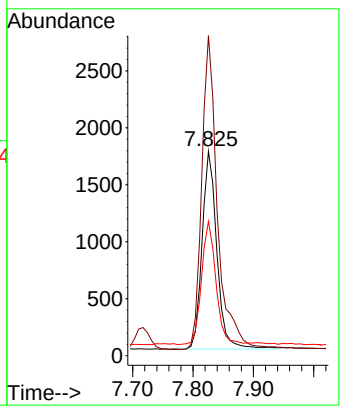


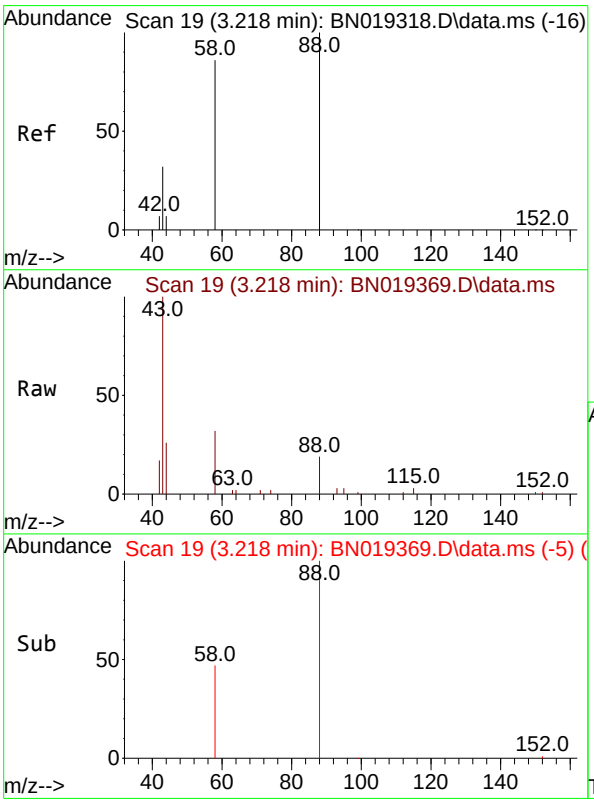
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.825 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN019369.D
Acq: 06 Apr 2022 13:59

Instrument :
BNA_N
ClientSampleId :
TW-E5MS

Tgt Ion:152 Resp: 2965

Ion	Ratio	Lower	Upper
152	100		
150	156.6	123.9	185.9
115	65.8	48.2	72.4

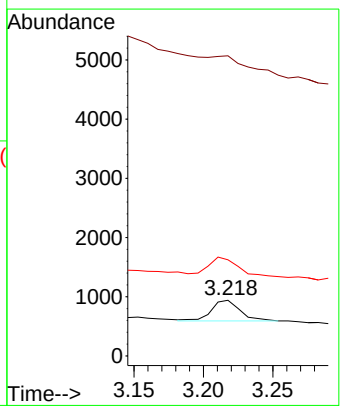


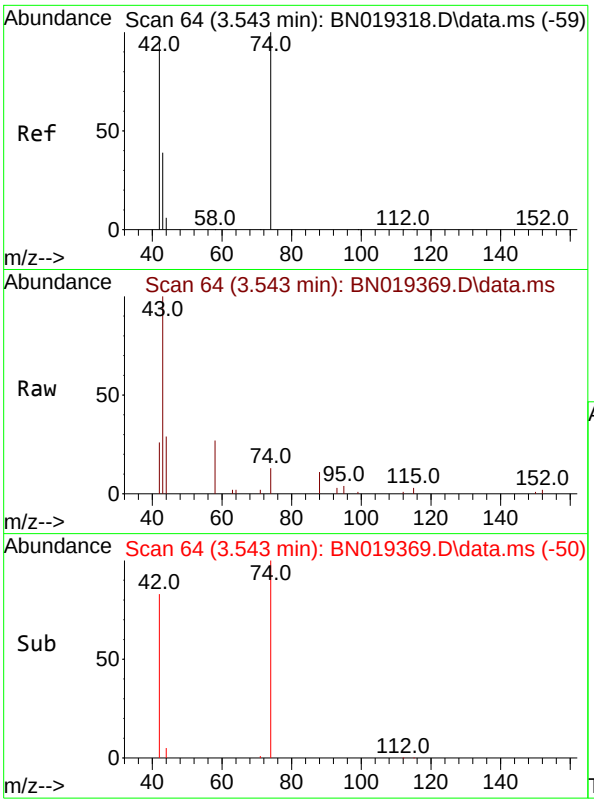


#2
1,4-Dioxane
Concen: 0.143 ng
RT: 3.218 min Scan# 19
Delta R.T. 0.000 min
Lab File: BN019369.D
Acq: 06 Apr 2022 13:59

Tgt Ion: 88 Resp: 507

Ion	Ratio	Lower	Upper
88	100		
43	0.0	24.6	37.0#
58	94.9	65.4	98.2



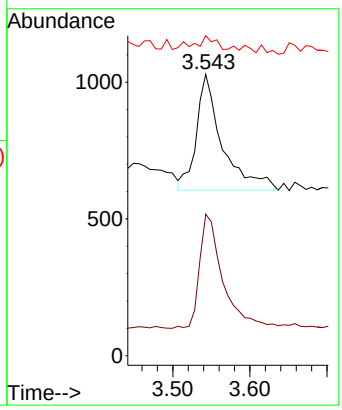


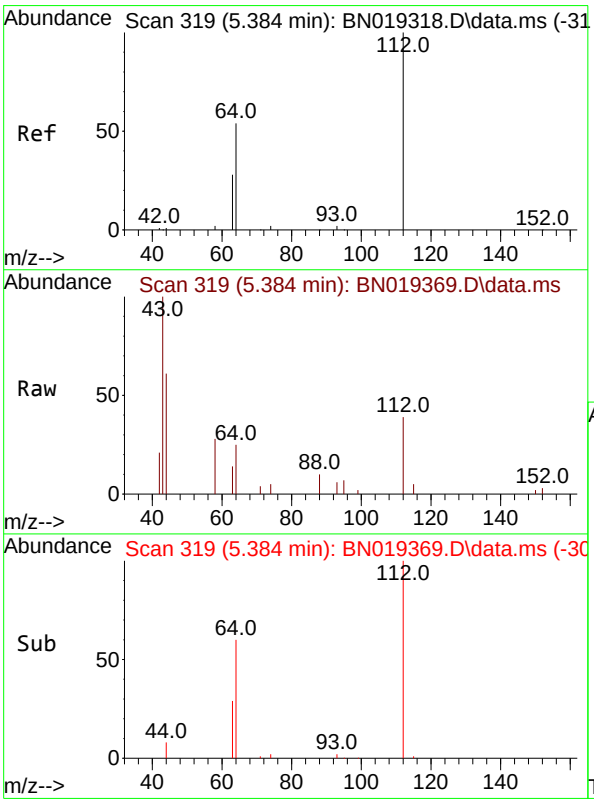
#3
n-Nitrosodimethylamine
Concen: 0.210 ng
RT: 3.543 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN019369.D
Acq: 06 Apr 2022 13:59

Instrument :
BNA_N
ClientSampleId :
TW-E5MS

Tgt Ion: 42 Resp: 984

Ion	Ratio	Lower	Upper
42	100		
74	88.9	96.9	145.3#
44	5.5	7.3	10.9#

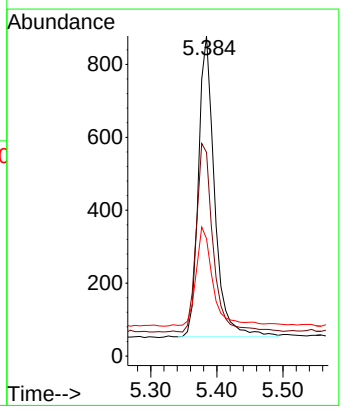


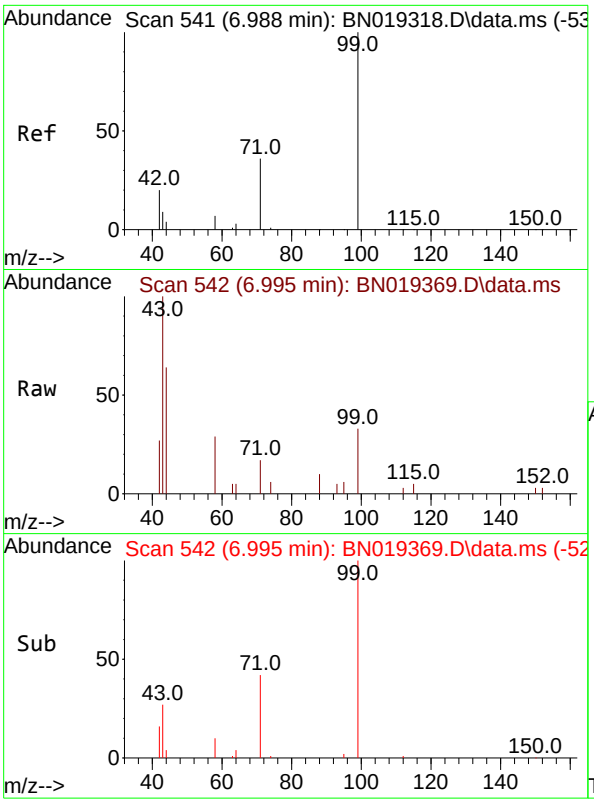


#4
2-Fluorophenol
Concen: 0.176 ng
RT: 5.384 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN019369.D
Acq: 06 Apr 2022 13:59

Tgt Ion:112 Resp: 1401

Ion	Ratio	Lower	Upper
112	100		
64	65.5	47.8	71.8
63	34.7	25.7	38.5



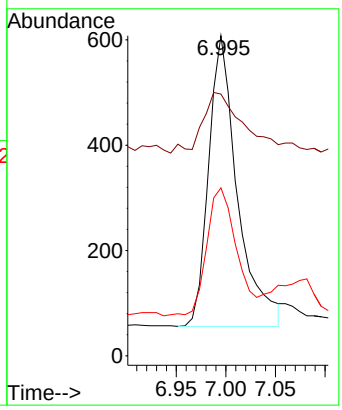


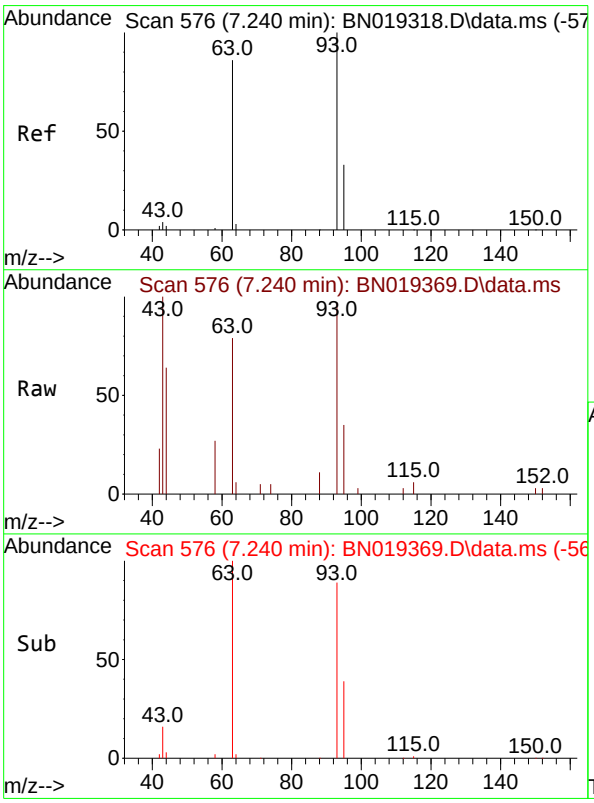
#5
Phenol-d6
Concen: 0.117 ng
RT: 6.995 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN019369.D
Acq: 06 Apr 2022 13:59

Instrument :
BNA_N
ClientSampleId :
TW-E5MS

Tgt Ion: 99 Resp: 1114

Ion	Ratio	Lower	Upper
99	100		
42	29.2	16.2	24.4#
71	44.6	27.7	41.5#

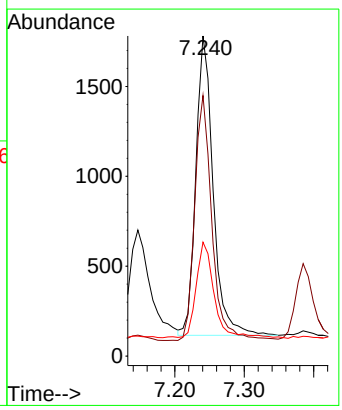


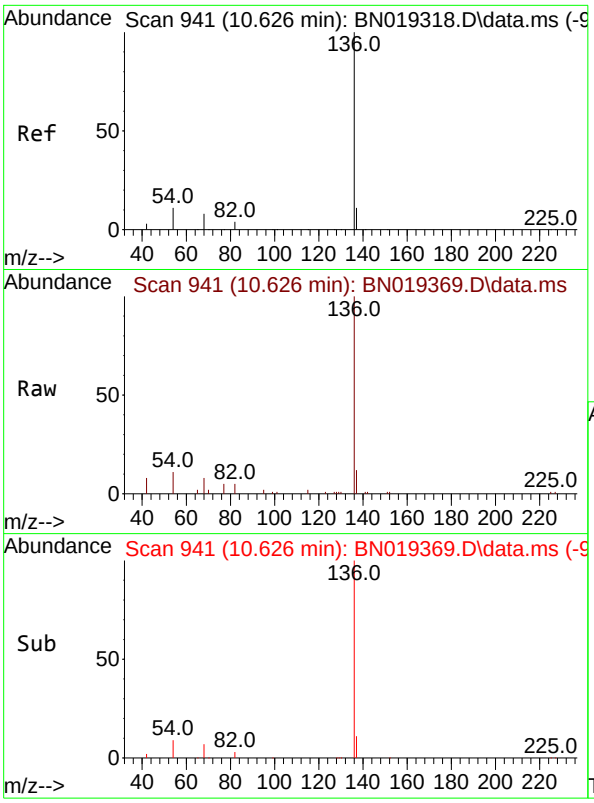


#6
bis(2-Chloroethyl)ether
Concen: 0.300 ng
RT: 7.240 min Scan# 576
Delta R.T. 0.000 min
Lab File: BN019369.D
Acq: 06 Apr 2022 13:59

Tgt Ion: 93 Resp: 2887

Ion	Ratio	Lower	Upper
93	100		
63	81.4	62.8	94.2
95	34.2	26.2	39.4



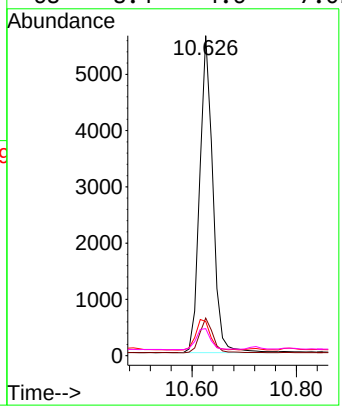


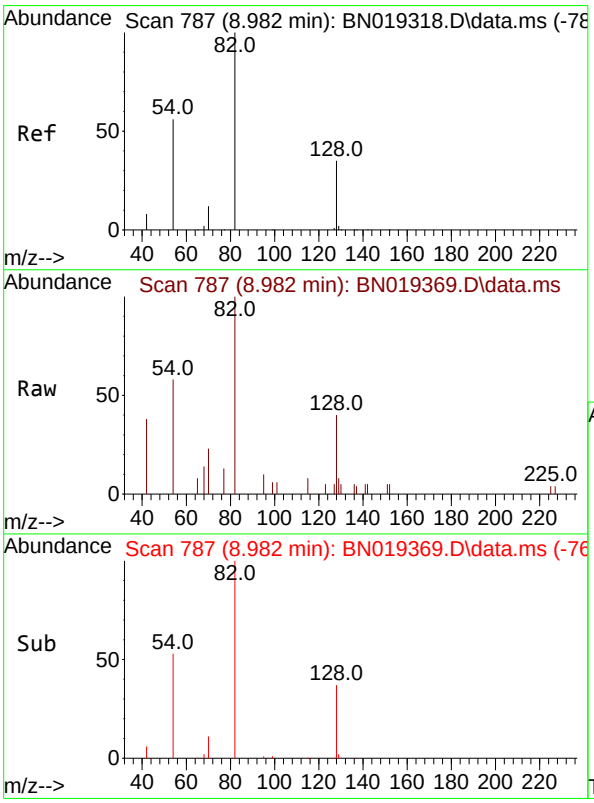
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN019369.D
Acq: 06 Apr 2022 13:59

Instrument :
BNA_N
ClientSampleId :
TW-E5MS

Tgt Ion:136 Resp: 9849

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.0	13.4
54	10.7	5.8	8.6#
68	8.4	4.6	7.0#

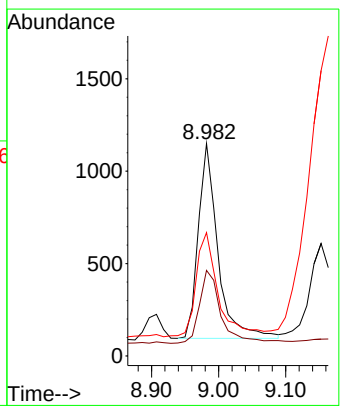


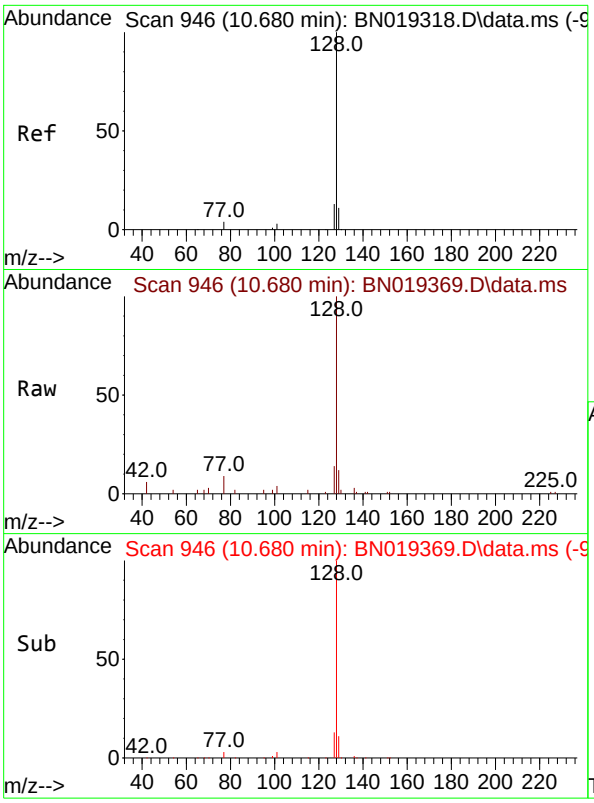


#8
Nitrobenzene-d5
Concen: 0.239 ng
RT: 8.982 min Scan# 787
Delta R.T. 0.000 min
Lab File: BN019369.D
Acq: 06 Apr 2022 13:59

Tgt Ion: 82 Resp: 2142

Ion	Ratio	Lower	Upper
82	100		
128	40.3	33.0	49.6
54	58.1	42.5	63.7



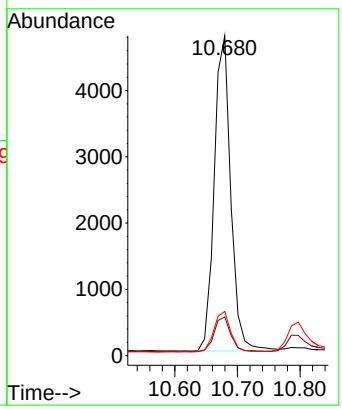


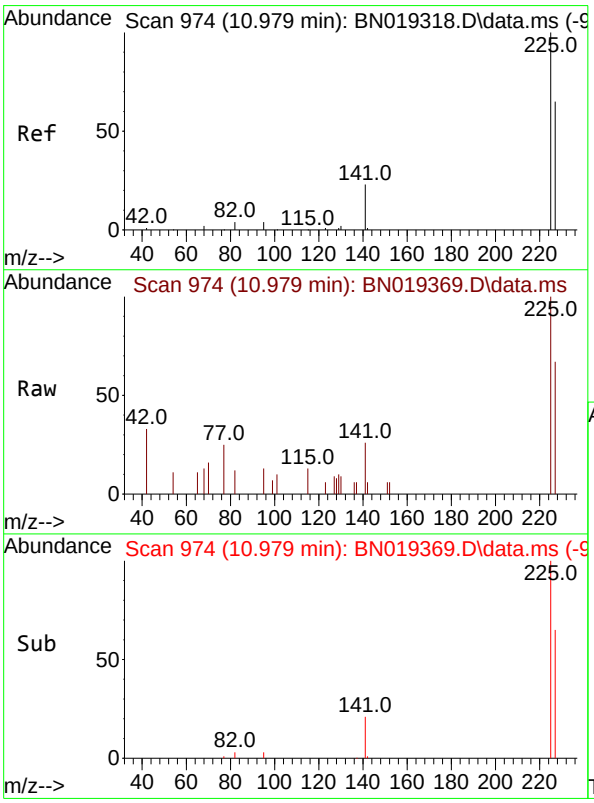
#9
Naphthalene
Concen: 0.301 ng
RT: 10.680 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN019369.D
Acq: 06 Apr 2022 13:59

Instrument :
BNA_N
ClientSampleId :
TW-E5MS

Tgt Ion:128 Resp: 8749

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.0	13.4
127	13.9	10.7	16.1

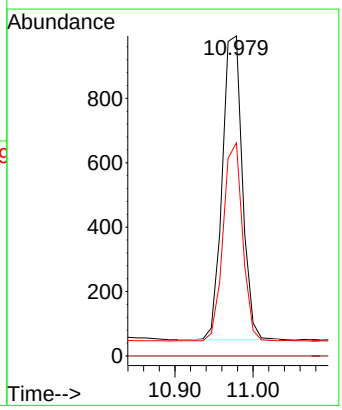


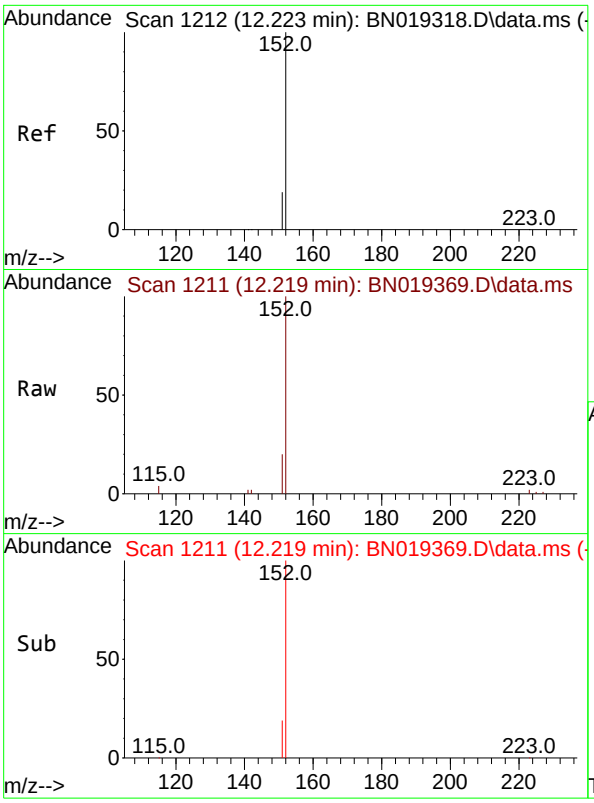


#10
Hexachlorobutadiene
Concen: 0.266 ng
RT: 10.979 min Scan# 974
Delta R.T. 0.000 min
Lab File: BN019369.D
Acq: 06 Apr 2022 13:59

Tgt Ion:225 Resp: 1684

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.9	51.0	76.6



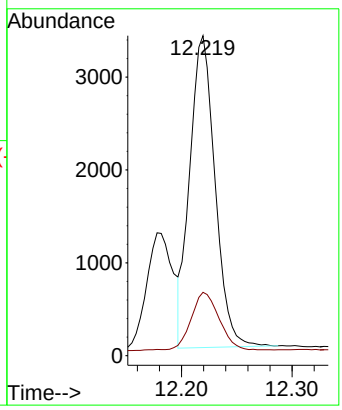


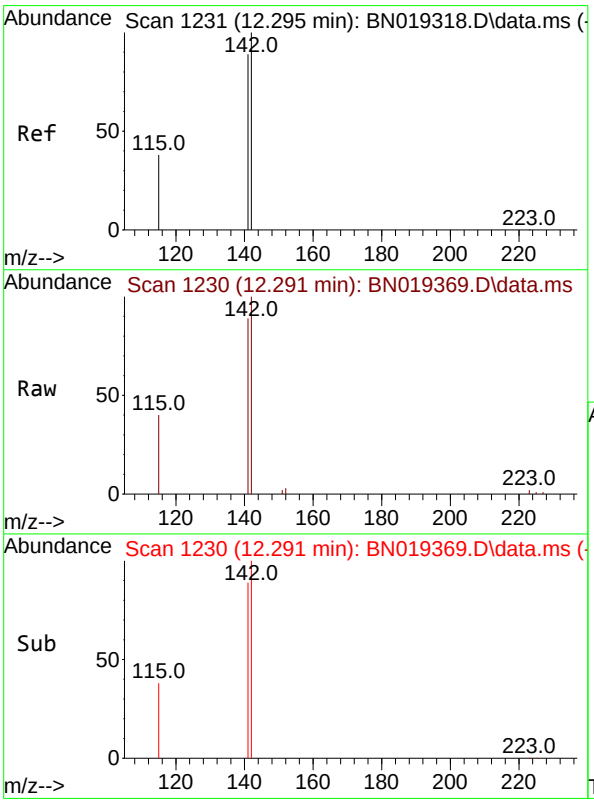
#11
2-Methylnaphthalene-d10
Concen: 0.309 ng
RT: 12.219 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN019369.D
Acq: 06 Apr 2022 13:59

Instrument :
BNA_N
ClientSampleId :
TW-E5MS

Tgt Ion:152 Resp: 5347

Ion	Ratio	Lower	Upper
152	100		
151	21.4	16.5	24.7

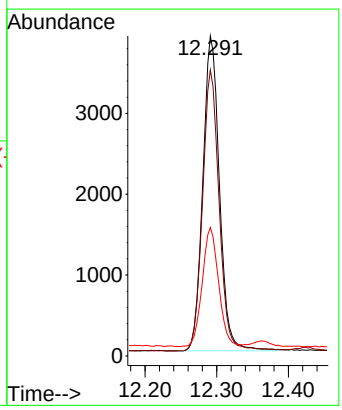


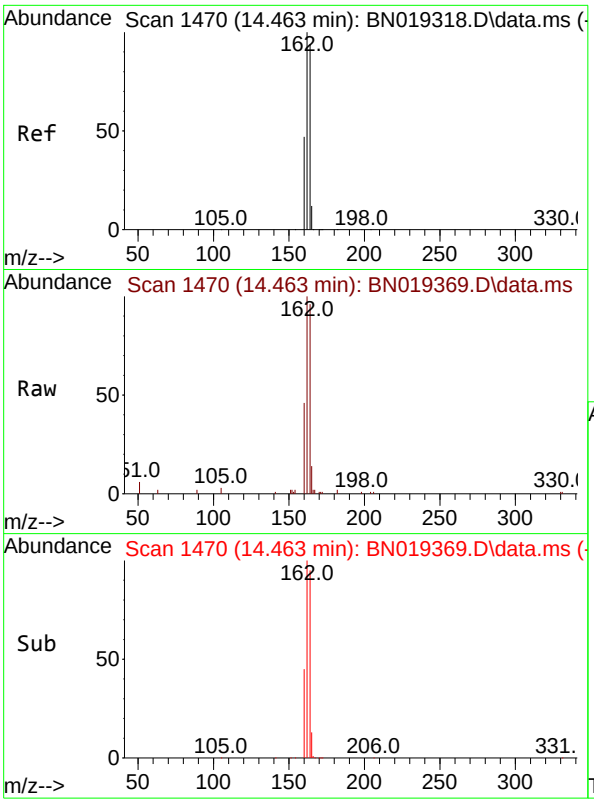


#12
2-Methylnaphthalene
Concen: 0.313 ng
RT: 12.291 min Scan# 1230
Delta R.T. -0.004 min
Lab File: BN019369.D
Acq: 06 Apr 2022 13:59

Tgt Ion:142 Resp: 6314

Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.0	105.0
115	40.2	29.8	44.8



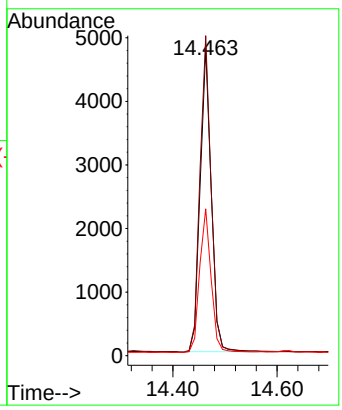


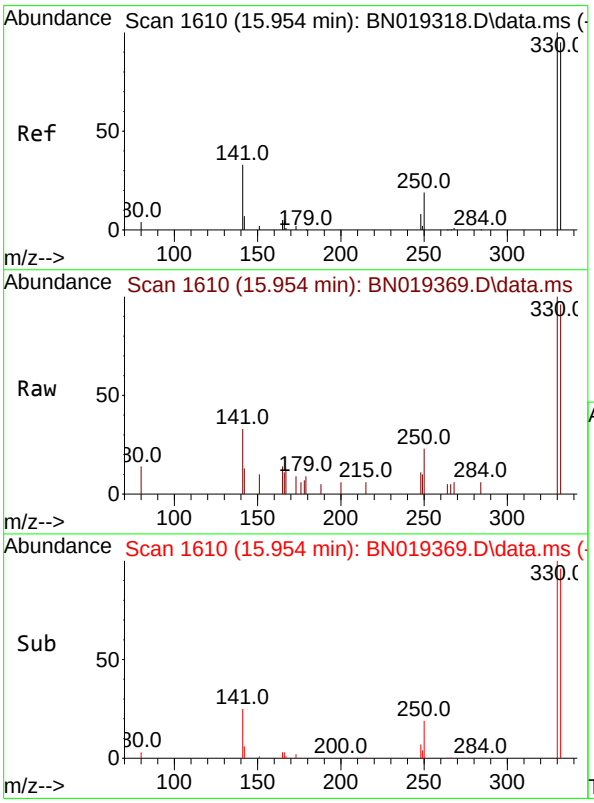
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.463 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN019369.D
Acq: 06 Apr 2022 13:59

Instrument :
BNA_N
ClientSampleId :
TW-E5MS

Tgt Ion:164 Resp: 7080

Ion	Ratio	Lower	Upper
164	100		
162	104.1	85.2	127.8
160	47.8	41.5	62.3

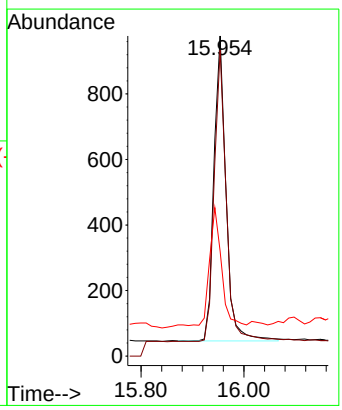


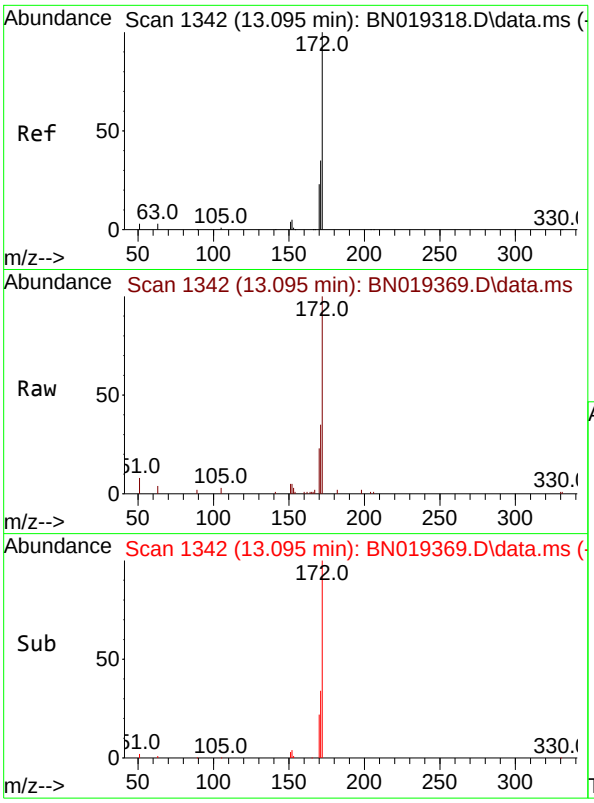


#14
2,4,6-Tribromophenol
Concen: 0.353 ng
RT: 15.954 min Scan# 1610
Delta R.T. 0.000 min
Lab File: BN019369.D
Acq: 06 Apr 2022 13:59

Tgt Ion:330 Resp: 1518

Ion	Ratio	Lower	Upper
330	100		
332	94.8	76.8	115.2
141	37.4	32.2	48.2



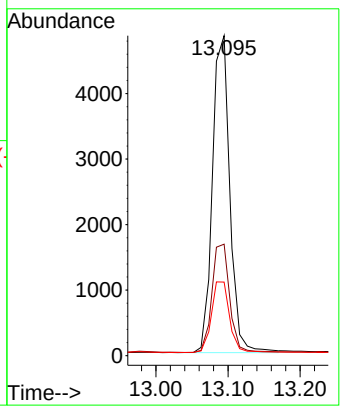


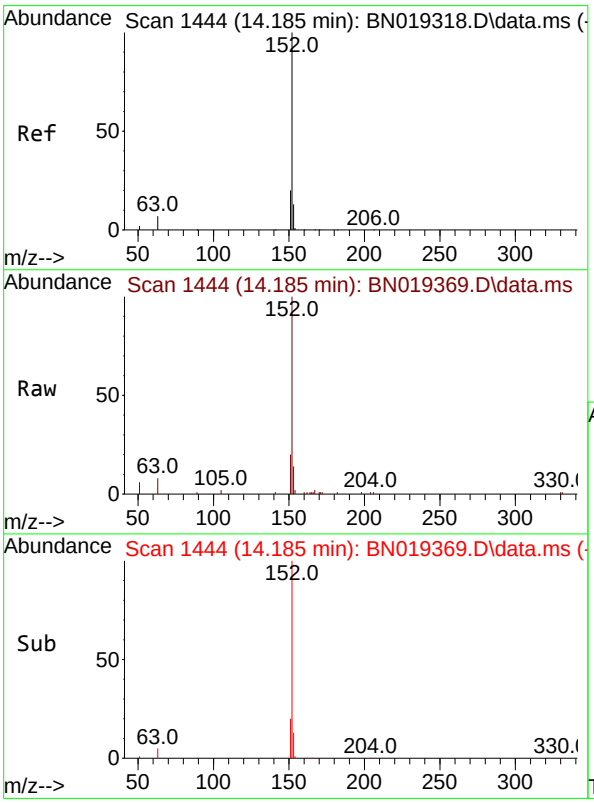
#15
2-Fluorobiphenyl
Concen: 0.275 ng
RT: 13.095 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019369.D
Acq: 06 Apr 2022 13:59

Instrument :
BNA_N
ClientSampleId :
TW-E5MS

Tgt Ion:172 Resp: 8097

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.2	42.2
170	23.0	18.7	28.1

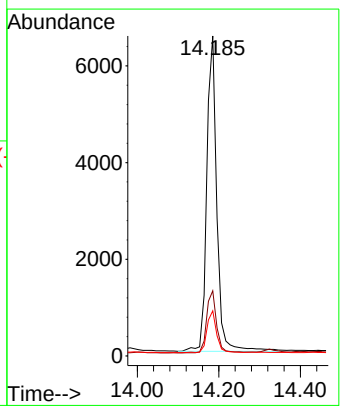


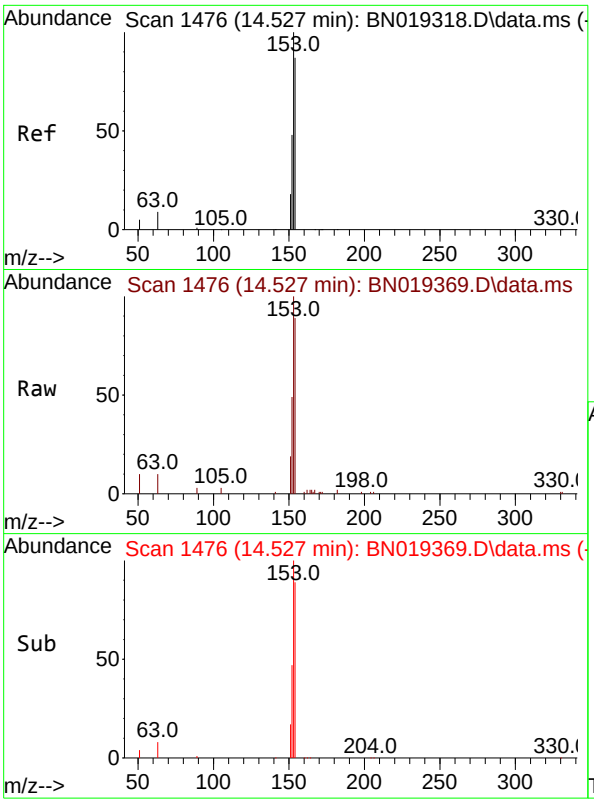


#16
Acenaphthylene
Concen: 0.318 ng
RT: 14.185 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BN019369.D
Acq: 06 Apr 2022 13:59

Tgt Ion:152 Resp: 11169

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.9	23.9
153	12.7	10.6	15.8



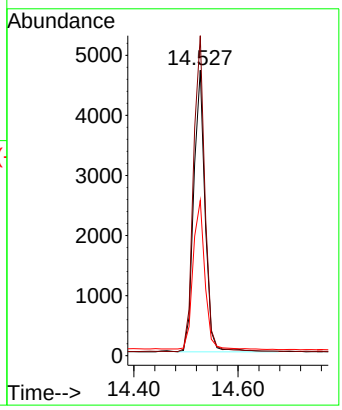


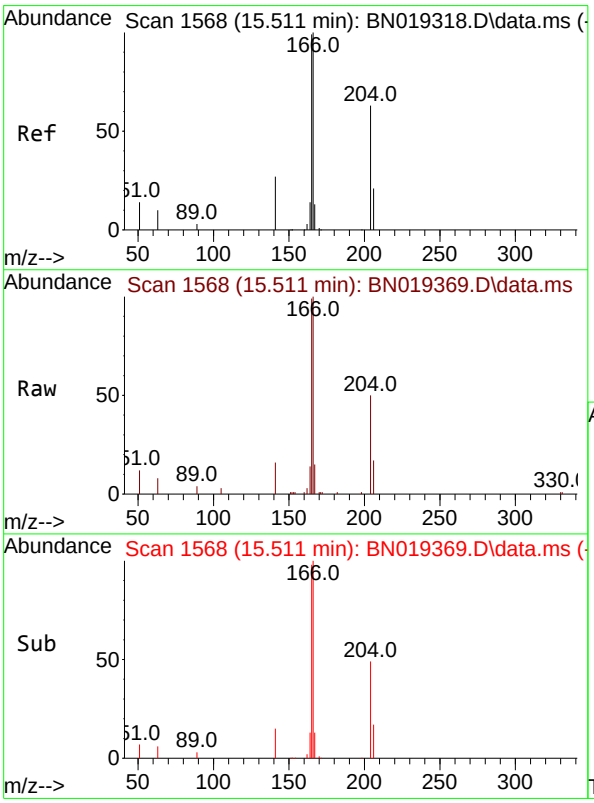
#17
Acenaphthene
Concen: 0.305 ng
RT: 14.527 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN019369.D
Acq: 06 Apr 2022 13:59

Instrument :
BNA_N
ClientSampleId :
TW-E5MS

Tgt Ion:154 Resp: 7137

Ion	Ratio	Lower	Upper
154	100		
153	113.0	89.7	134.5
152	55.6	44.7	67.1

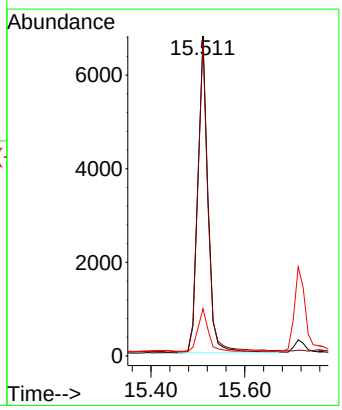


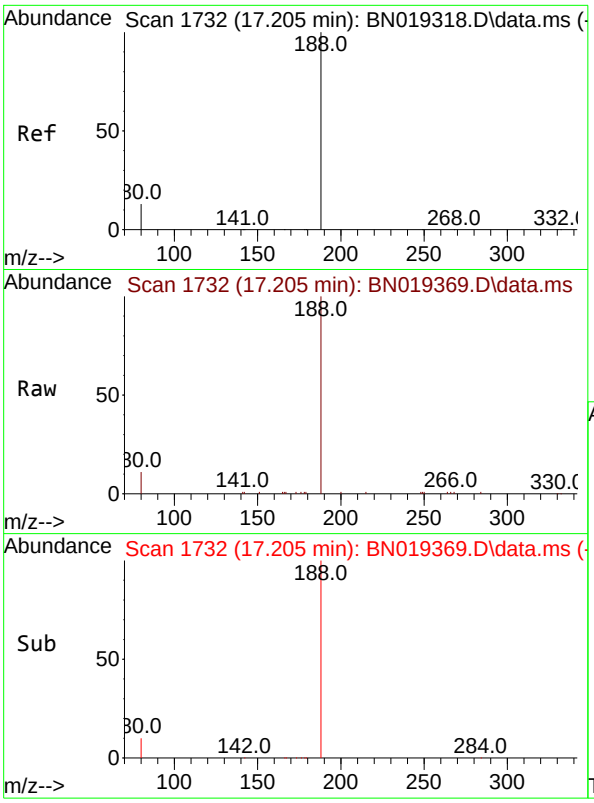


#18
Fluorene
Concen: 0.328 ng
RT: 15.511 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BN019369.D
Acq: 06 Apr 2022 13:59

Tgt Ion:166 Resp: 10125

Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.2	118.8
167	13.6	10.7	16.1





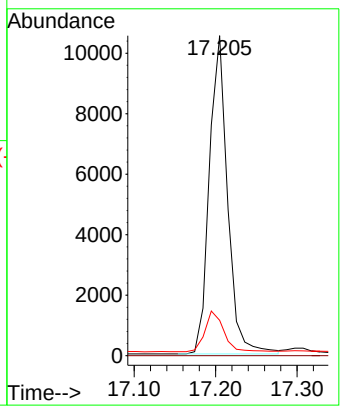
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.205 min Scan# 1

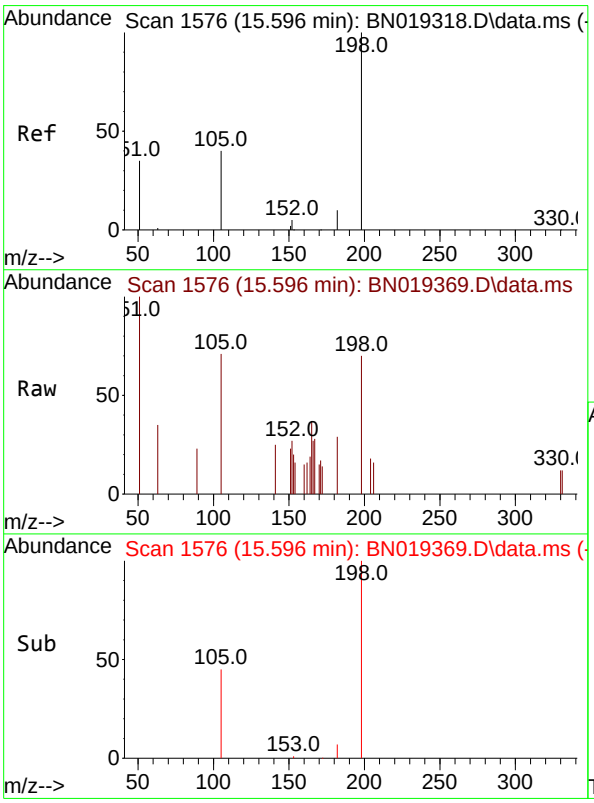
Instrument :
BNA_N
ClientSampleId :
TW-E5MS

Delta R.T. 0.000 min
Lab File: BN019369.D
Acq: 06 Apr 2022 13:59

Tgt Ion:188 Resp: 16364

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.1	11.8	17.8#

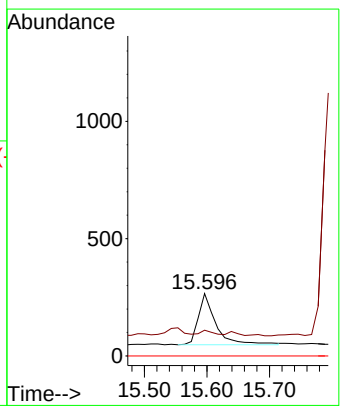


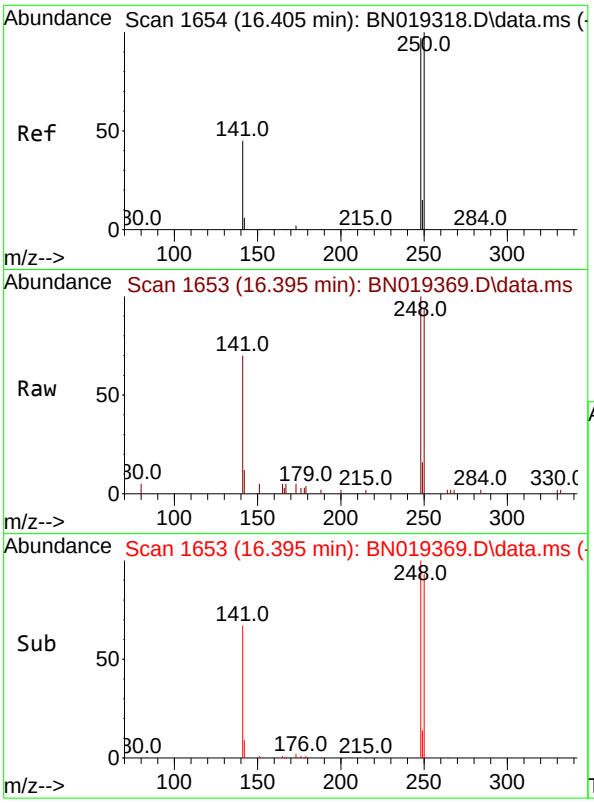


#20
4,6-Dinitro-2-methylphenol
Concen: 0.141 ng
RT: 15.596 min Scan# 1576
Delta R.T. 0.000 min
Lab File: BN019369.D
Acq: 06 Apr 2022 13:59

Tgt Ion:198 Resp: 423

Ion	Ratio	Lower	Upper
198	100		
182	41.4	13.0	19.4#
77	0.0	0.0	0.0



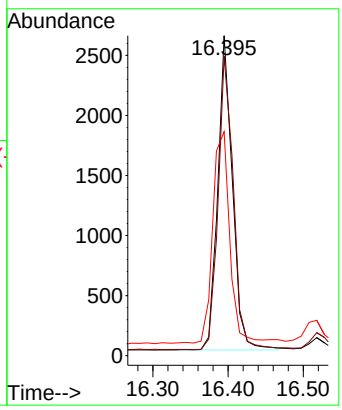


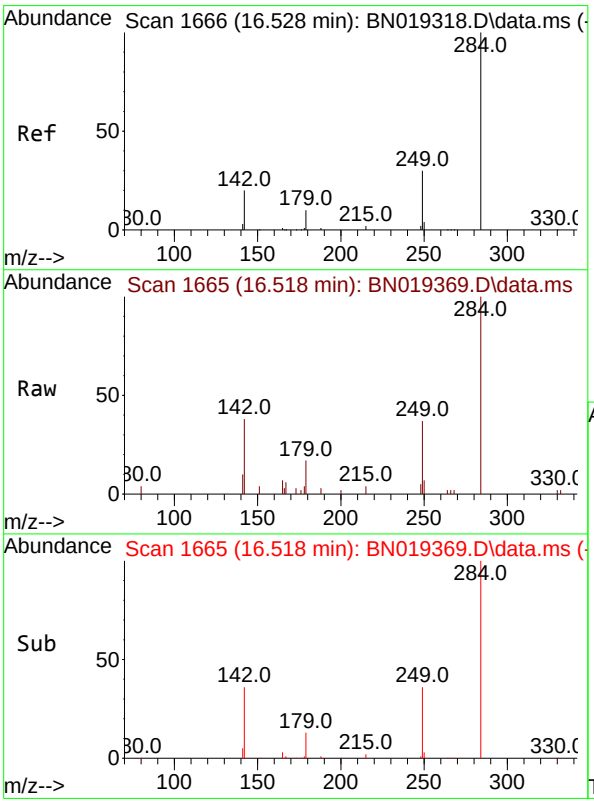
#21
4-Bromophenyl-phenylether
Concen: 0.322 ng
RT: 16.395 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN019369.D
Acq: 06 Apr 2022 13:59

Instrument :
BNA_N
ClientSampleId :
TW-E5MS

Tgt Ion:248 Resp: 3545

Ion	Ratio	Lower	Upper
248	100		
250	93.6	80.7	121.1
141	70.0	39.6	59.4#

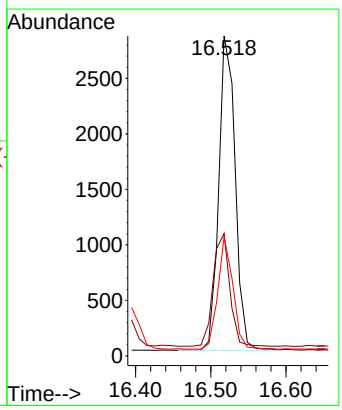


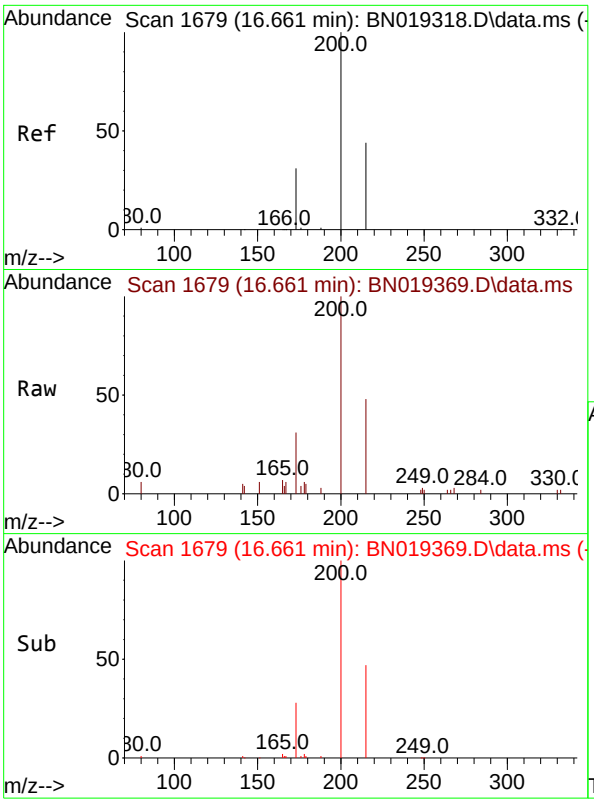


#22
Hexachlorobenzene
Concen: 0.331 ng
RT: 16.518 min Scan# 1665
Delta R.T. -0.010 min
Lab File: BN019369.D
Acq: 06 Apr 2022 13:59

Tgt Ion:284 Resp: 4276

Ion	Ratio	Lower	Upper
284	100		
142	36.3	29.8	44.8
249	33.1	26.2	39.2



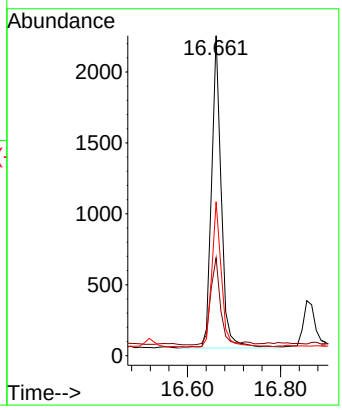


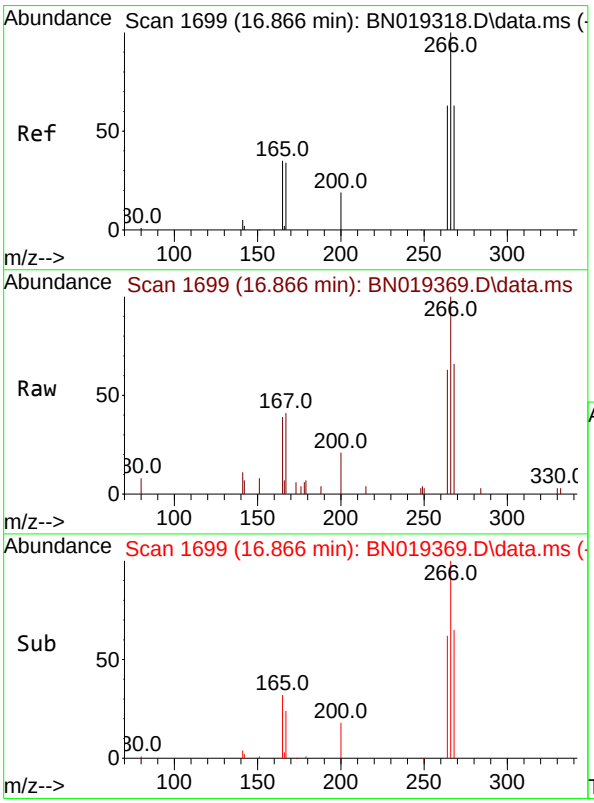
#23
Atrazine
Concen: 0.350 ng
RT: 16.661 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN019369.D
Acq: 06 Apr 2022 13:59

Instrument :
BNA_N
ClientSampleId :
TW-E5MS

Tgt Ion:200 Resp: 3188

Ion	Ratio	Lower	Upper
200	100		
173	30.6	23.9	35.9
215	48.1	36.6	54.8

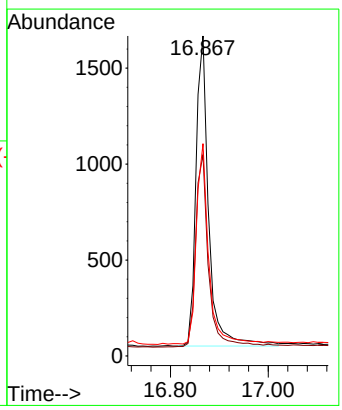


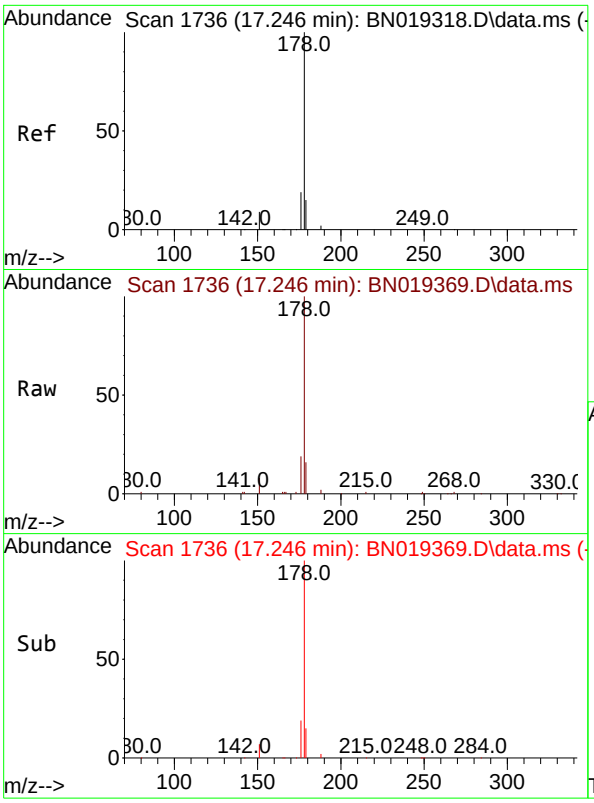


#24
Pentachlorophenol
Concen: 0.582 ng
RT: 16.866 min Scan# 1699
Delta R.T. 0.000 min
Lab File: BN019369.D
Acq: 06 Apr 2022 13:59

Tgt Ion:266 Resp: 2918

Ion	Ratio	Lower	Upper
266	100		
264	62.4	50.2	75.4
268	62.0	51.9	77.9



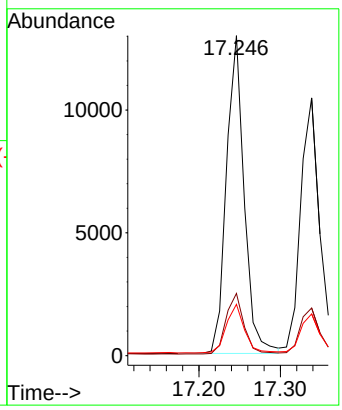


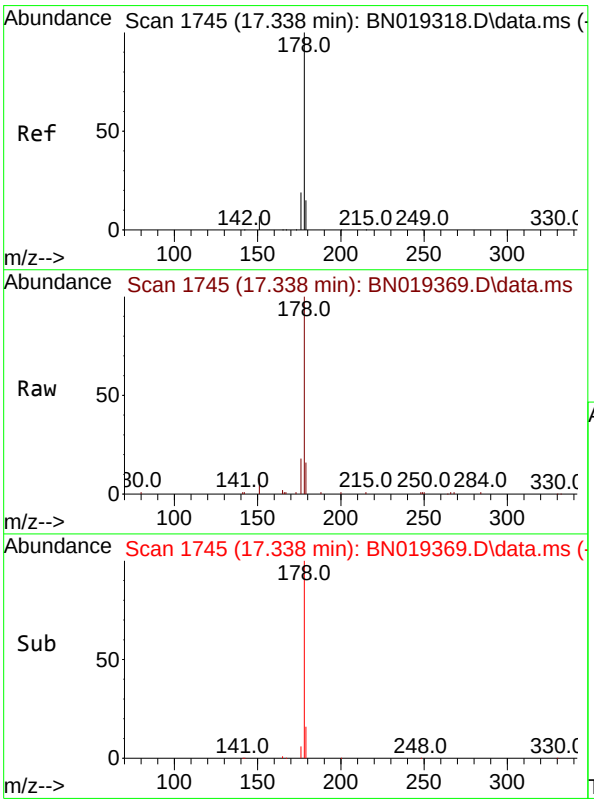
#25
Phenanthrene
Concen: 0.357 ng
RT: 17.246 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019369.D
Acq: 06 Apr 2022 13:59

Instrument :
BNA_N
ClientSampleId :
TW-E5MS

Tgt Ion:178 Resp: 19619

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	15.8	12.2	18.2

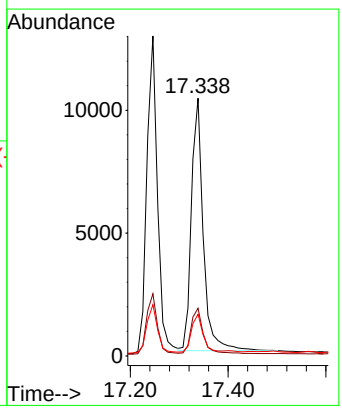


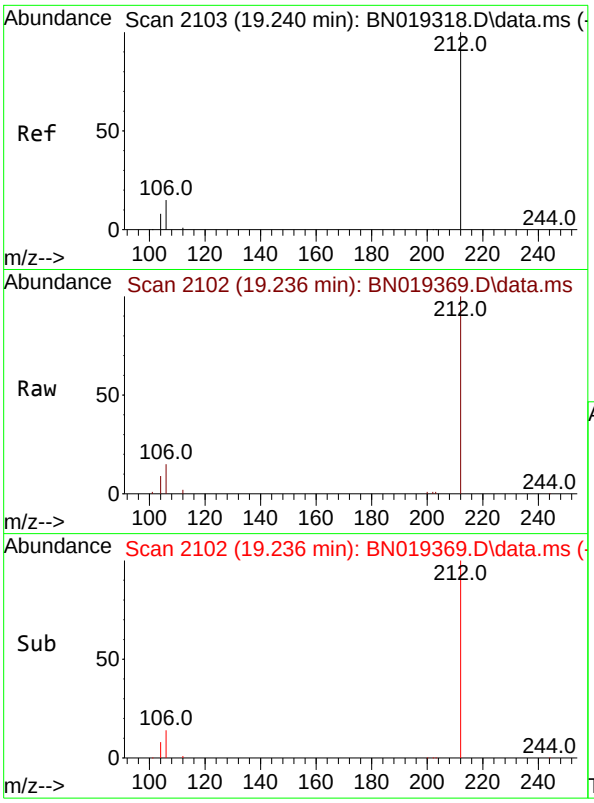


#26
Anthracene
Concen: 0.360 ng
RT: 17.338 min Scan# 1745
Delta R.T. 0.000 min
Lab File: BN019369.D
Acq: 06 Apr 2022 13:59

Tgt Ion:178 Resp: 17396

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.8	22.2
179	14.7	12.2	18.4



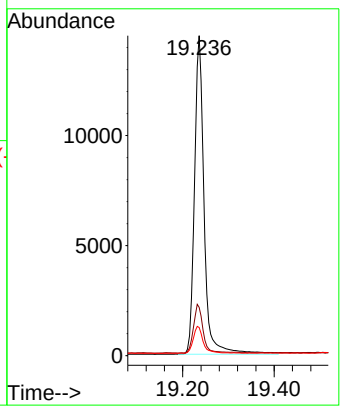


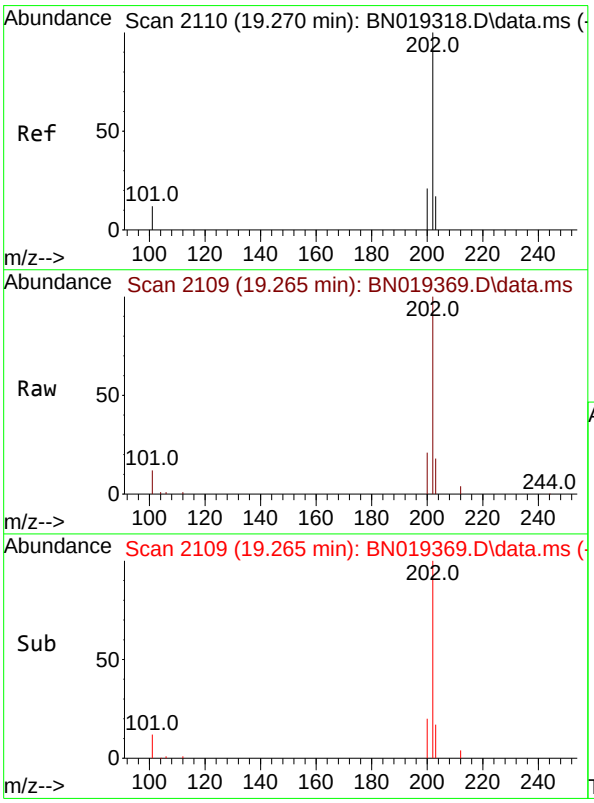
#27
Fluoranthene-d10
Concen: 0.403 ng
RT: 19.236 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN019369.D
Acq: 06 Apr 2022 13:59

Instrument :
BNA_N
ClientSampleId :
TW-E5MS

Tgt Ion:212 Resp: 21239

Ion	Ratio	Lower	Upper
212	100		
106	15.0	12.7	19.1
104	8.7	7.1	10.7

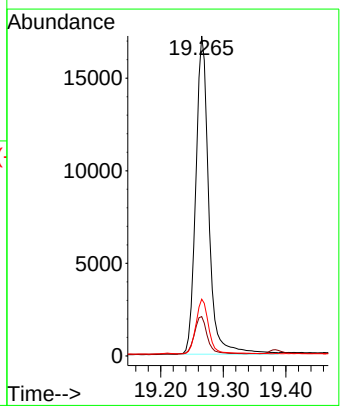


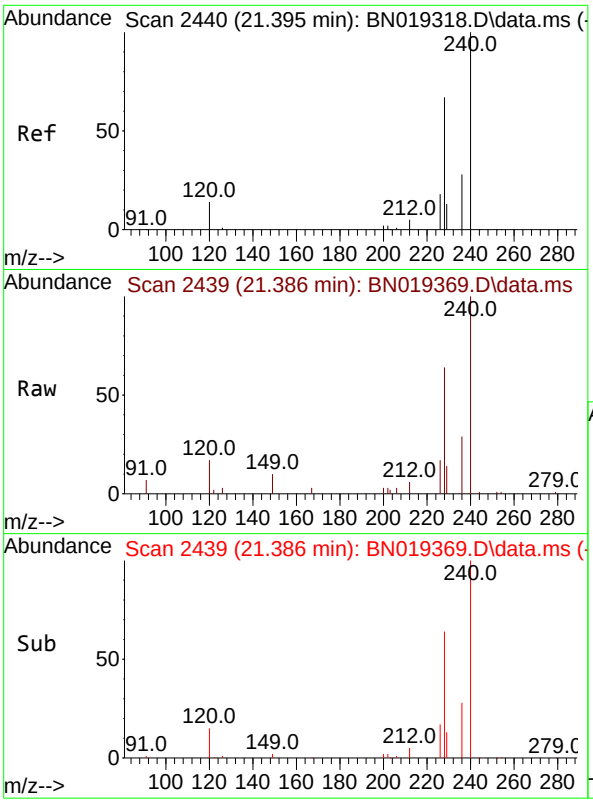


#28
Fluoranthene
Concen: 0.381 ng
RT: 19.265 min Scan# 2109
Delta R.T. -0.004 min
Lab File: BN019369.D
Acq: 06 Apr 2022 13:59

Tgt Ion:202 Resp: 24831

Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.8	14.6
203	17.0	13.7	20.5



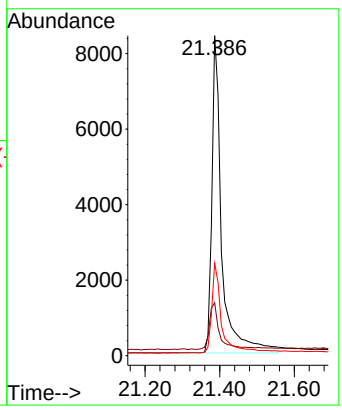


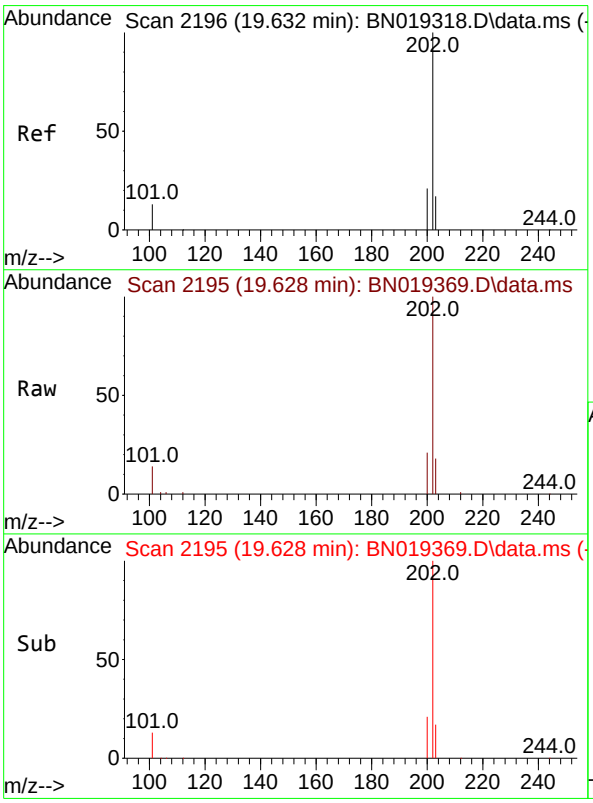
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.386 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN019369.D
Acq: 06 Apr 2022 13:59

Instrument :
BNA_N
ClientSampleId :
TW-E5MS

Tgt Ion:240 Resp: 15327

Ion	Ratio	Lower	Upper
240	100		
120	16.5	8.5	12.7#
236	28.9	22.4	33.6

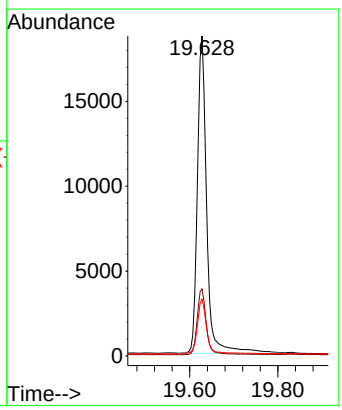


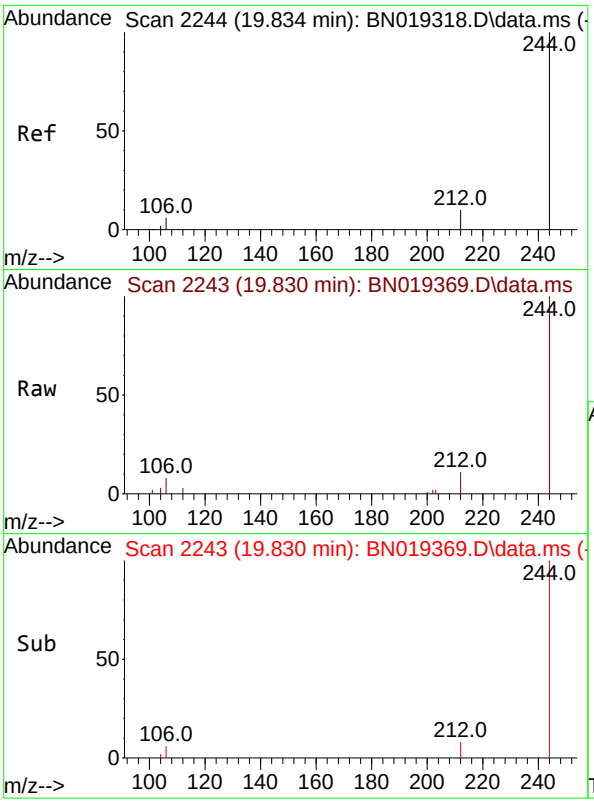


#30
Pyrene
Concen: 0.384 ng
RT: 19.628 min Scan# 2195
Delta R.T. -0.004 min
Lab File: BN019369.D
Acq: 06 Apr 2022 13:59

Tgt Ion:202 Resp: 27409

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.9	25.3
203	17.2	14.2	21.2



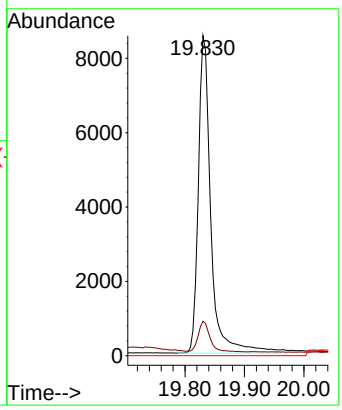


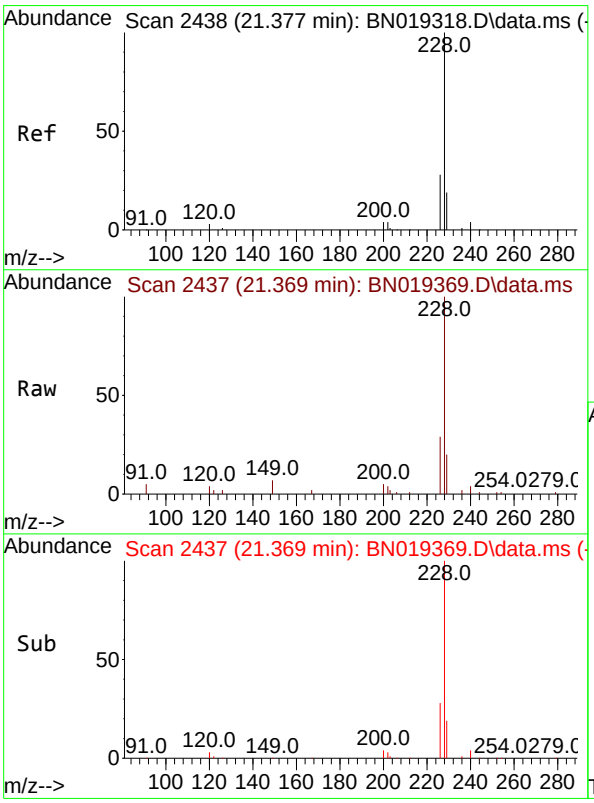
#31
Terphenyl-d14
Concen: 0.374 ng
RT: 19.830 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN019369.D
Acq: 06 Apr 2022 13:59

Instrument :
BNA_N
ClientSampleId :
TW-E5MS

Tgt Ion:244 Resp: 12468

Ion	Ratio	Lower	Upper
244	100		
212	10.8	8.2	12.4
122	0.0	0.0	0.0

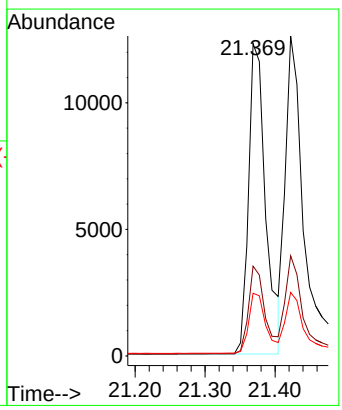


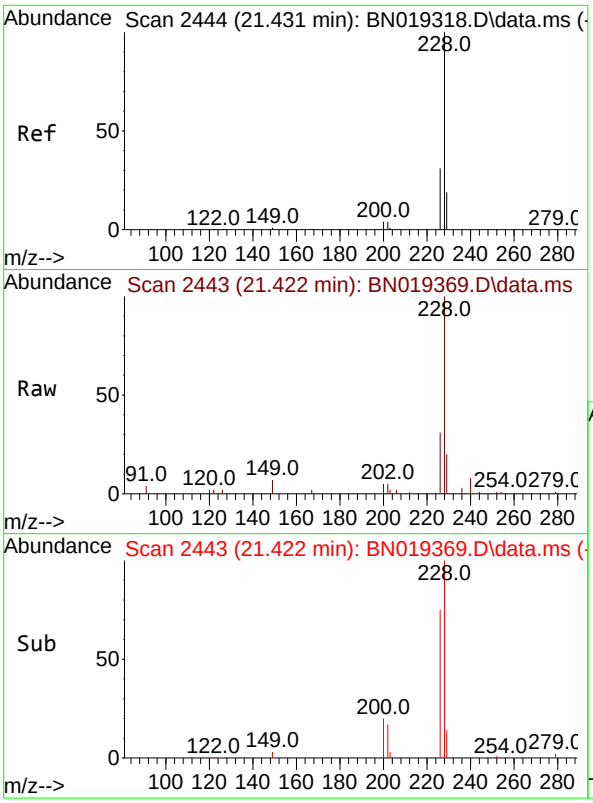


#32
Benzo(a)anthracene
Concen: 0.367 ng
RT: 21.369 min Scan# 2437
Delta R.T. -0.009 min
Lab File: BN019369.D
Acq: 06 Apr 2022 13:59

Tgt Ion:228 Resp: 20809

Ion	Ratio	Lower	Upper
228	100		
226	28.7	21.9	32.9
229	20.1	16.0	24.0



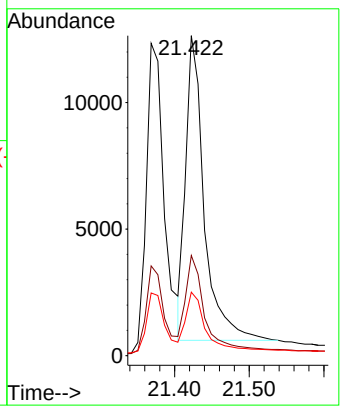


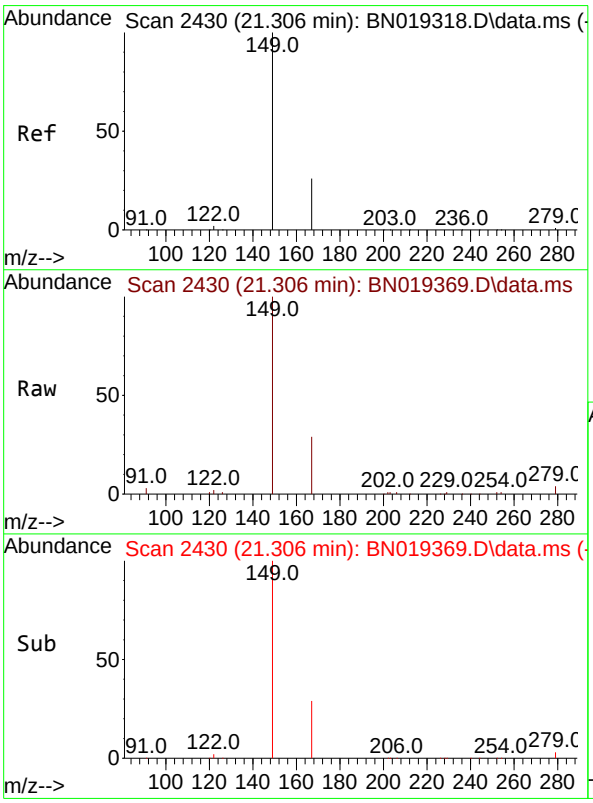
#33
Chrysene
Concen: 0.329 ng
RT: 21.422 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN019369.D
Acq: 06 Apr 2022 13:59

Instrument :
BNA_N
ClientSampleId :
TW-E5MS

Tgt Ion:228 Resp: 20731

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.0	36.0
229	19.9	15.9	23.9

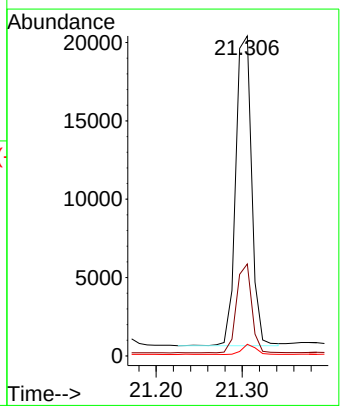


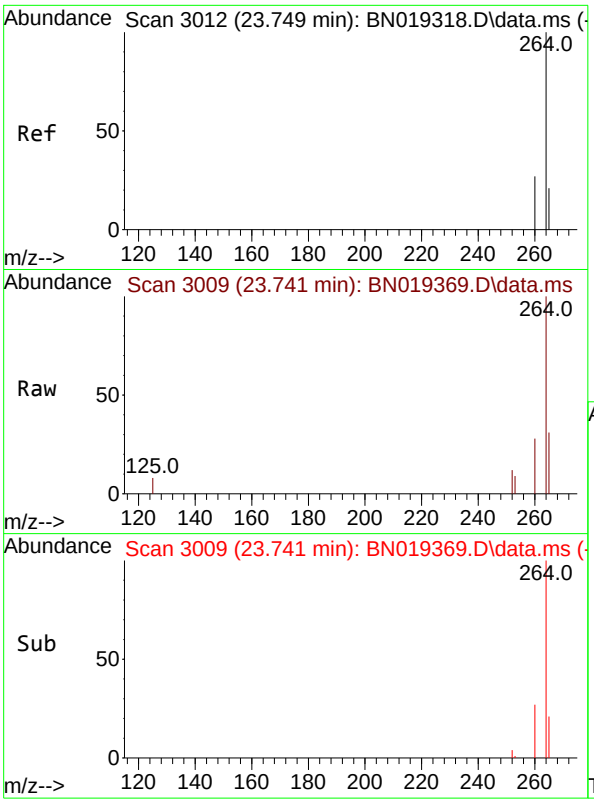


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.602 ng
RT: 21.306 min Scan# 2430
Delta R.T. 0.000 min
Lab File: BN019369.D
Acq: 06 Apr 2022 13:59

Tgt Ion:149 Resp: 25388

Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.8	32.8
279	2.9	2.0	3.0



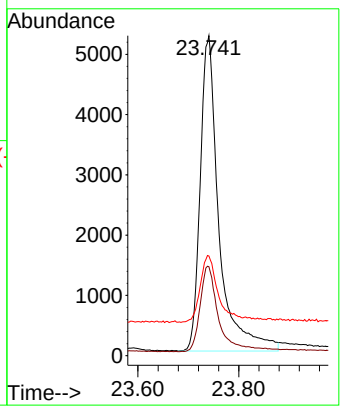


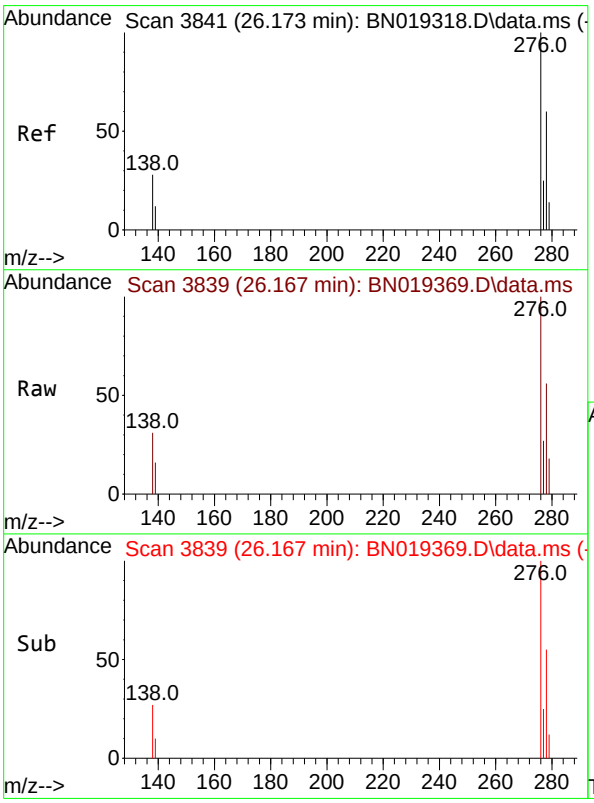
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.741 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN019369.D
Acq: 06 Apr 2022 13:59

Instrument :
BNA_N
ClientSampleId :
TW-E5MS

Tgt Ion:264 Resp: 13501

Ion	Ratio	Lower	Upper
264	100		
260	27.8	22.4	33.6
265	31.1	25.3	37.9

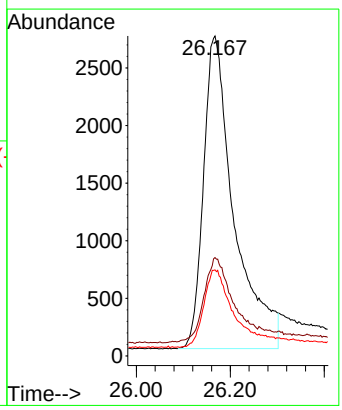


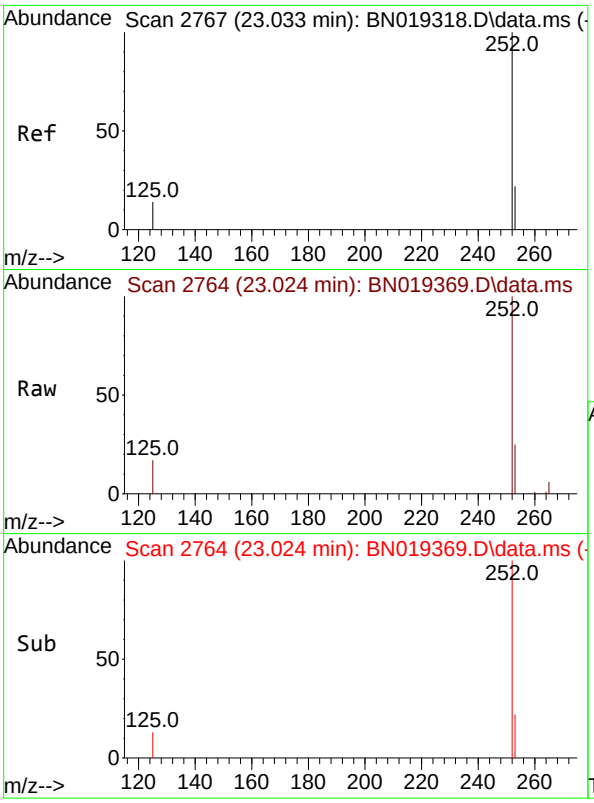


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.217 ng
RT: 26.167 min Scan# 3839
Delta R.T. -0.006 min
Lab File: BN019369.D
Acq: 06 Apr 2022 13:59

Tgt Ion:276 Resp: 12244

Ion	Ratio	Lower	Upper
276	100		
138	25.4	24.5	36.7
277	24.9	19.8	29.8



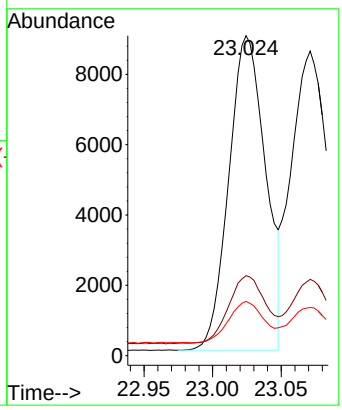


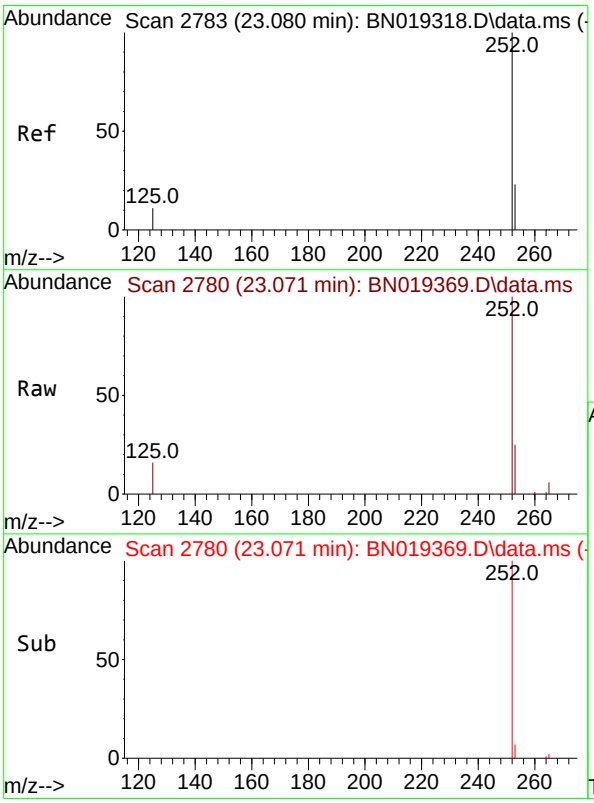
#37
Benzo(b)fluoranthene
Concen: 0.315 ng
RT: 23.024 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN019369.D
Acq: 06 Apr 2022 13:59

Instrument :
BNA_N
ClientSampleId :
TW-E5MS

Tgt Ion:252 Resp: 16666

Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.9	28.3
125	17.0	12.1	18.1

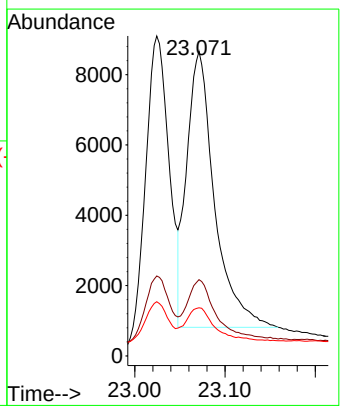


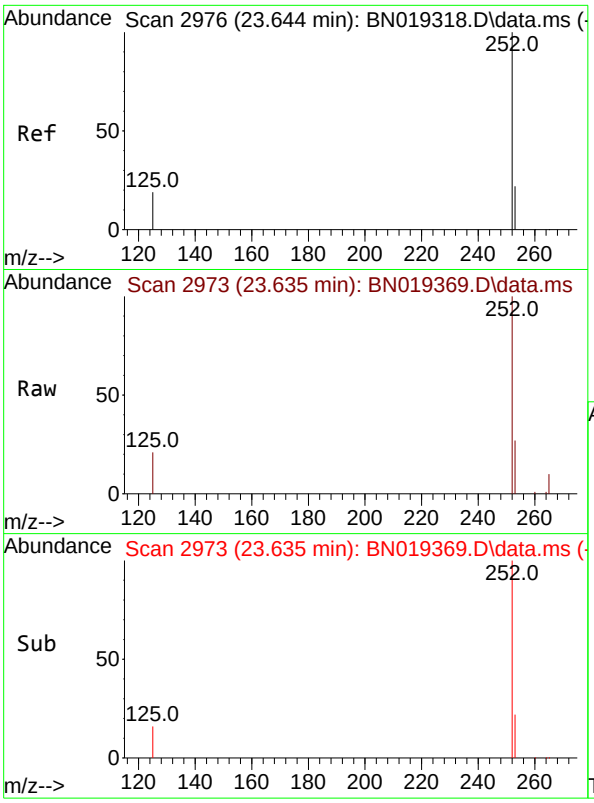


#38
Benzo(k)fluoranthene
Concen: 0.304 ng
RT: 23.071 min Scan# 2780
Delta R.T. -0.009 min
Lab File: BN019369.D
Acq: 06 Apr 2022 13:59

Tgt Ion:252 Resp: 16781

Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.9	28.3
125	15.8	10.3	15.5#



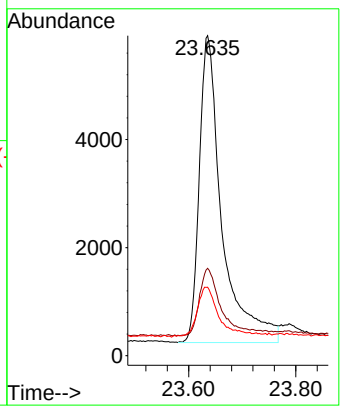


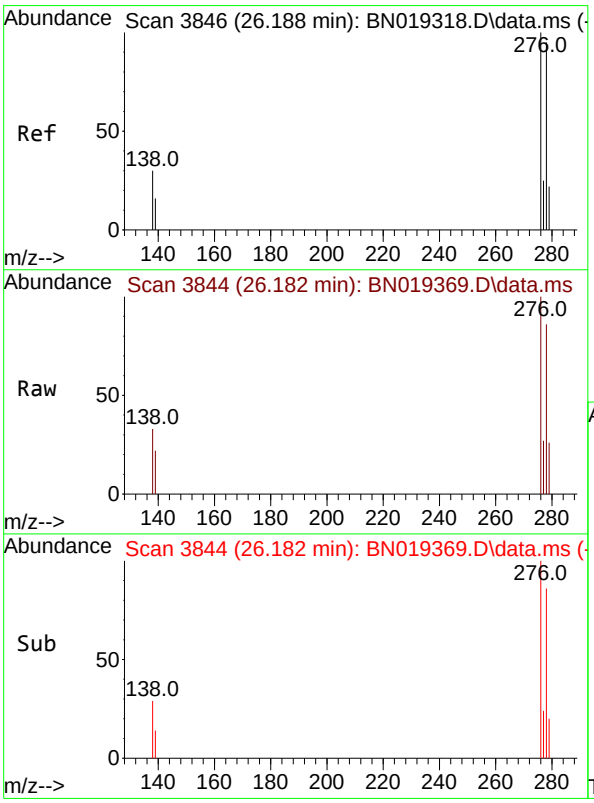
#39
Benzo(a)pyrene
Concen: 0.351 ng
RT: 23.635 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN019369.D
Acq: 06 Apr 2022 13:59

Instrument :
BNA_N
ClientSampleId :
TW-E5MS

Tgt Ion:252 Resp: 16681

Ion	Ratio	Lower	Upper
252	100		
253	27.3	20.1	30.1
125	21.4	15.2	22.8

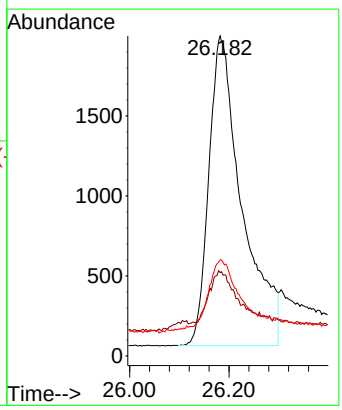


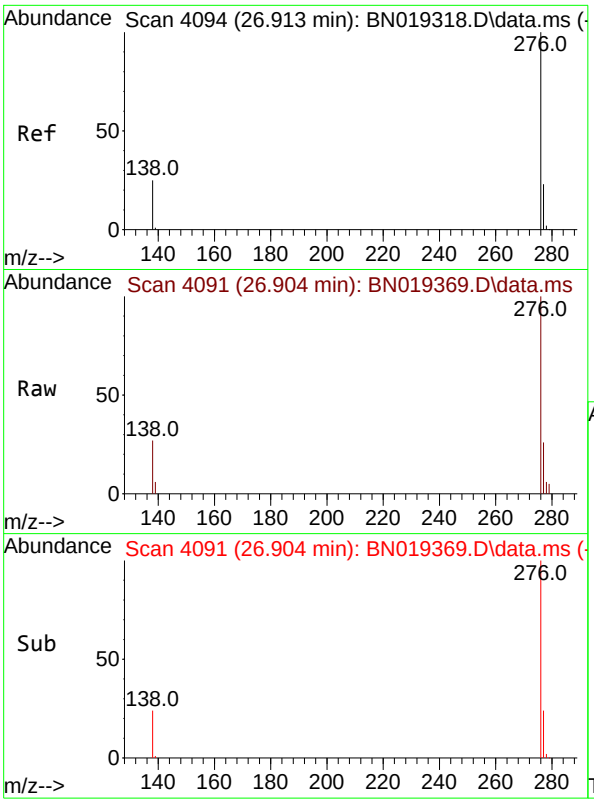


#40
Dibenzo(a,h)anthracene
Concen: 0.205 ng
RT: 26.182 min Scan# 3844
Delta R.T. -0.006 min
Lab File: BN019369.D
Acq: 06 Apr 2022 13:59

Tgt Ion:278 Resp: 8973

Ion	Ratio	Lower	Upper
278	100		
139	26.1	17.2	25.8#
279	30.0	19.9	29.9#





#41
Benzo(g,h,i)perylene
Concen: 0.245 ng
RT: 26.904 min Scan# 4
Delta R.T. -0.009 min
Lab File: BN019369.D
Acq: 06 Apr 2022 13:59

Instrument :
BNA_N
ClientSampleId :
TW-E5MS

Tgt Ion:276 Resp: 12844

Ion	Ratio	Lower	Upper
276	100		
277	25.8	19.4	29.0
138	27.0	21.0	31.6