Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062722\
Data File : BN020503.D
Acq On : 27 Jun 2022 17:31
Operator : CG/JU
Sample : PB145588BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB145588BS

Quant Time: Jun 28 01:28:40 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 27 02:03:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.739	152	2659	0.400	ng		0.00
7) Naphthalene-d8	10.519	136	8246	0.400	ng		# 0.00
13) Acenaphthene-d10	14.367	164	5069	0.400	ng		0.00
19) Phenanthrene-d10	17.113	188	10910	0.400	ng		0.00
29) Chrysene-d12	21.306	240	9250	0.400	ng		# 0.00
35) Perylene-d12	23.589	264	7364	0.400	ng		#-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.348	112	2638	0.357	ng		0.00
5) Phenol-d6	6.944	99	3333	0.378	ng		0.00
8) Nitrobenzene-d5	8.897	82	2327	0.348	ng		0.00
11) 2-Methylnaphthalene-d10	12.117	152	4989	0.353	ng		0.00
14) 2,4,6-Tribromophenol	15.861	330	624	0.327	ng		0.00
15) 2-Fluorobiphenyl	12.998	172	7311	0.349	ng		0.00
27) Fluoranthene-d10	19.147	212	10950	0.338	ng		0.00
31) Terphenyl-d14	19.746	244	7915	0.358	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.232	88	1257	0.361	ng		92
3) n-Nitrosodimethylamine	3.564	42	995	0.313	ng	#	95
6) bis(2-Chloroethyl)ether	7.168	93	2621	0.345	ng		99
9) Naphthalene	10.573	128	8800	0.357	ng		99
10) Hexachlorobutadiene	10.861	225	1570	0.350	ng	#	98
12) 2-Methylnaphthalene	12.193	142	5898	0.360	ng		98
16) Acenaphthylene	14.089	152	8230	0.338	ng		98
17) Acenaphthene	14.431	154	5774	0.348	ng		96
18) Fluorene	15.415	166	7585	0.351	ng		100
20) 4,6-Dinitro-2-methylph...	15.521	198	379	0.403	ng	#	63
21) 4-Bromophenyl-phenylether	16.313	248	2163	0.341	ng	#	86
22) Hexachlorobenzene	16.425	284	2394	0.341	ng		98
23) Atrazine	16.579	200	1509	0.302	ng		96
24) Pentachlorophenol	16.784	266	626	0.462	ng		100
25) Phenanthrene	17.154	178	12571	0.342	ng		100
26) Anthracene	17.246	178	10499	0.331	ng		99
28) Fluoranthene	19.177	202	13714	0.342	ng		100
30) Pyrene	19.539	202	14137	0.361	ng		100
32) Benzo(a)anthracene	21.288	228	10950	0.331	ng		98
33) Chrysene	21.342	228	12764	0.349	ng		99
34) Bis(2-ethylhexyl)phtha...	21.225	149	5892	0.316	ng		98
36) Indeno(1,2,3-cd)pyrene	25.922	276	10002	0.305	ng		99
37) Benzo(b)fluoranthene	22.942	252	11639	0.410	ng		96
38) Benzo(k)fluoranthene	22.942	252	10659	0.353	ng		95
39) Benzo(a)pyrene	23.489	252	9018	0.366	ng	#	72
40) Dibenzo(a,h)anthracene	25.933	278	7807	0.297	ng		96
41) Benzo(g,h,i)perylene	26.632	276	8504	0.296	ng		98

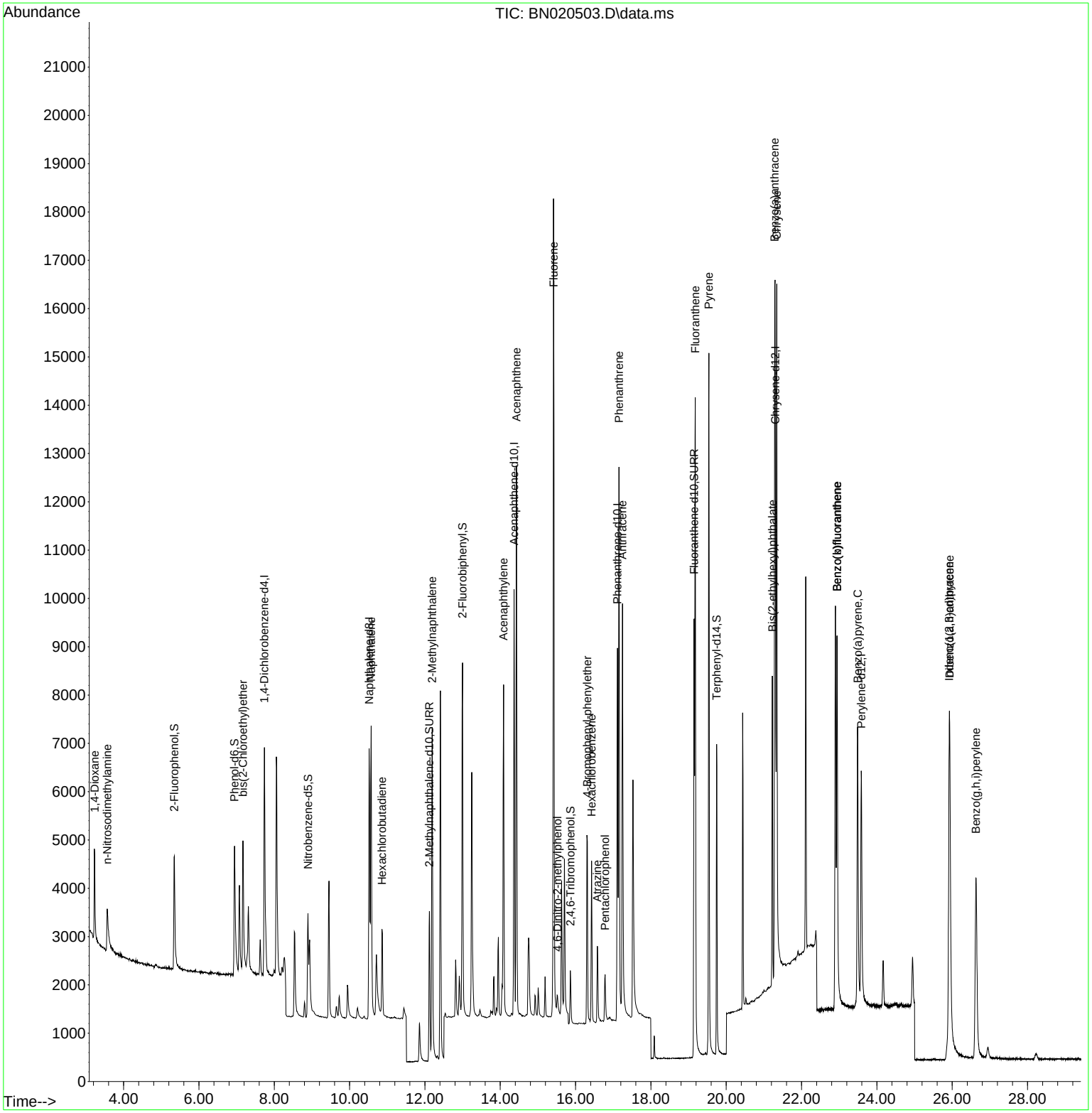
(#) = qualifier out of range (m) = manual integration (+) = signals summed

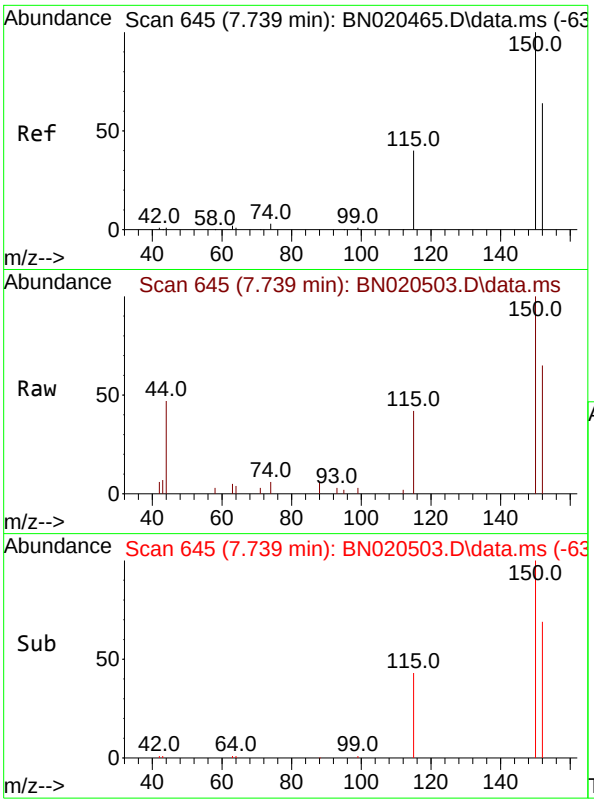
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062722\
Data File : BN020503.D
Acq On : 27 Jun 2022 17:31
Operator : CG/JU
Sample : PB145588BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB145588BS

Quant Time: Jun 28 01:28:40 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 27 02:03:21 2022
Response via : Initial Calibration



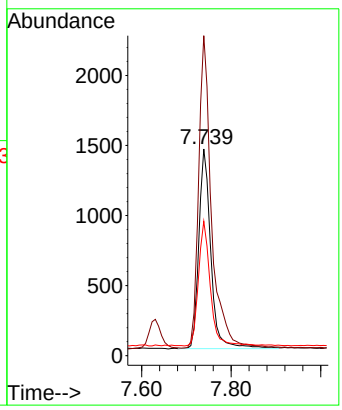


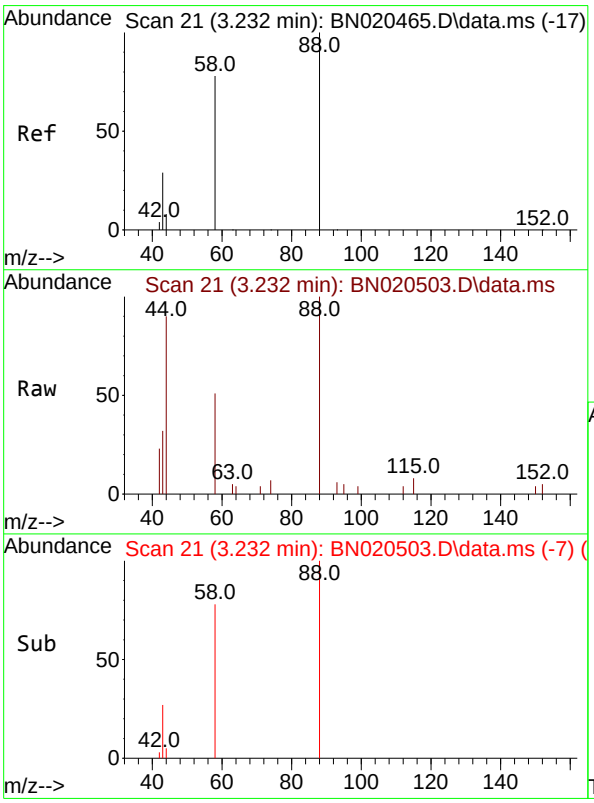
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.739 min Scan# 64
Delta R.T. -0.000 min
Lab File: BN020503.D
Acq: 27 Jun 2022 17:31

Instrument :
BNA_N
ClientSampleId :
PB145588BS

Tgt Ion:152 Resp: 2659

Ion	Ratio	Lower	Upper
152	100		
150	154.8	127.9	191.9
115	65.0	51.4	77.2

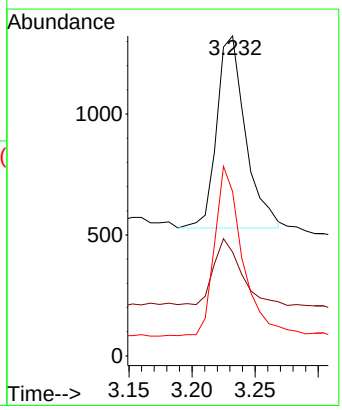


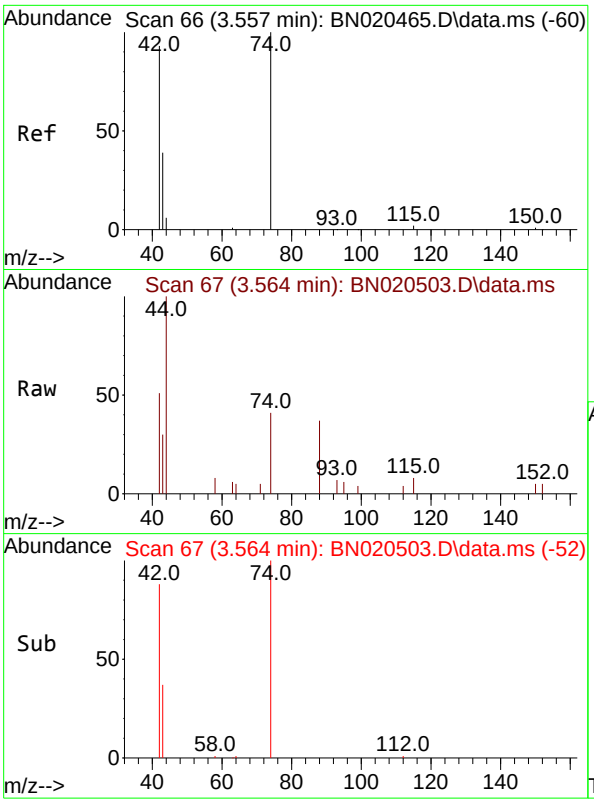


#2
1,4-Dioxane
Concen: 0.361 ng
RT: 3.232 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN020503.D
Acq: 27 Jun 2022 17:31

Tgt Ion: 88 Resp: 1257

Ion	Ratio	Lower	Upper
88	100		
43	32.3	30.2	45.2
58	84.7	73.0	109.6



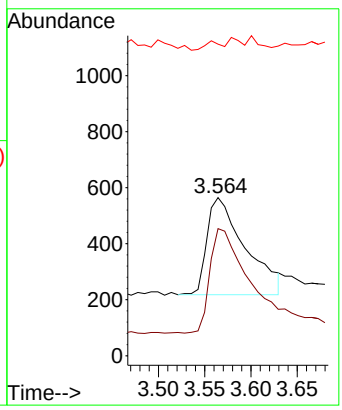


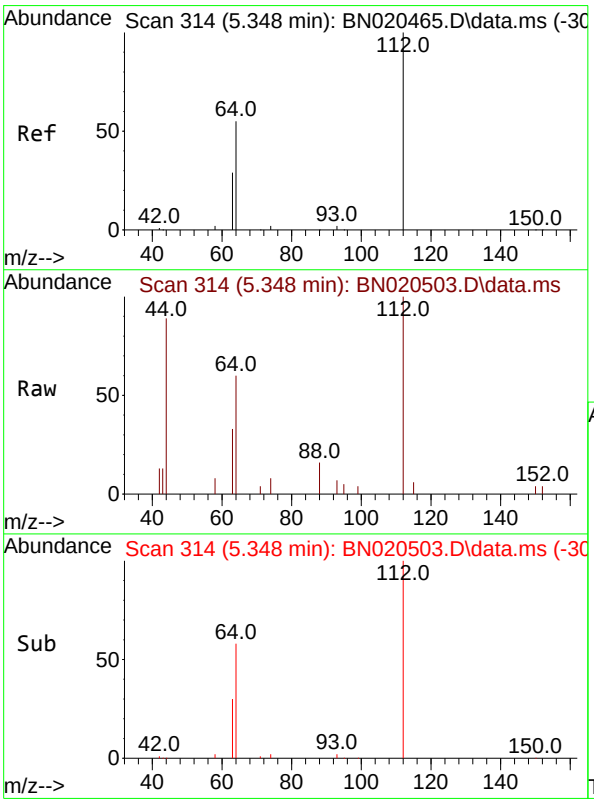
#3
n-Nitrosodimethylamine
Concen: 0.313 ng
RT: 3.564 min Scan# 6
Delta R.T. 0.007 min
Lab File: BN020503.D
Acq: 27 Jun 2022 17:31

Instrument :
BNA_N
ClientSampleId :
PB145588BS

Tgt Ion: 42 Resp: 995

Ion	Ratio	Lower	Upper
42	100		
74	108.6	84.0	126.0
44	3.8	9.8	14.8#

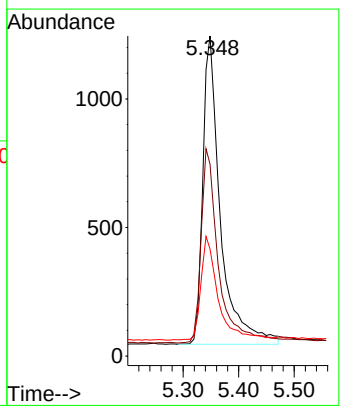


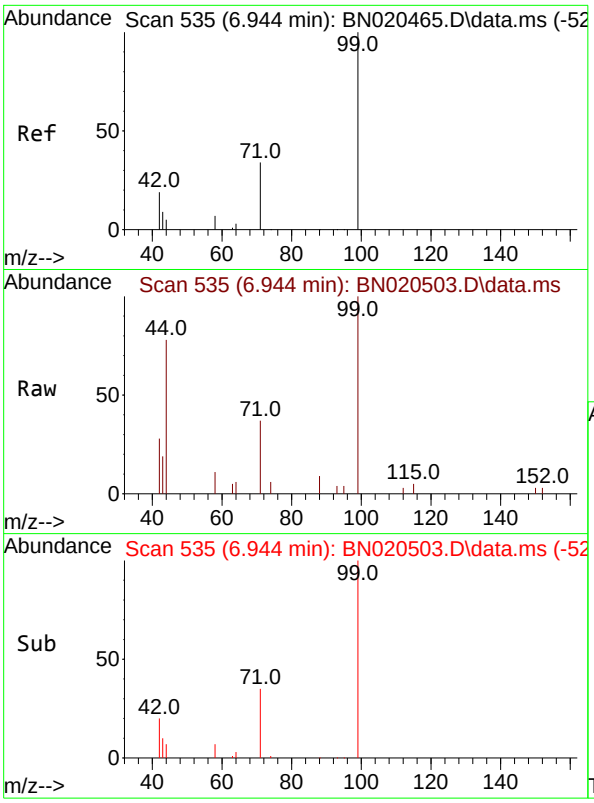


#4
2-Fluorophenol
Concen: 0.357 ng
RT: 5.348 min Scan# 314
Delta R.T. -0.000 min
Lab File: BN020503.D
Acq: 27 Jun 2022 17:31

Tgt Ion:112 Resp: 2638

Ion	Ratio	Lower	Upper
112	100		
64	62.4	49.1	73.7
63	33.1	26.3	39.5



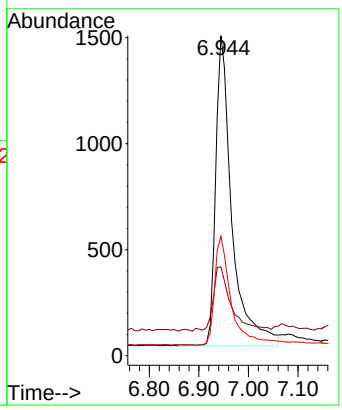


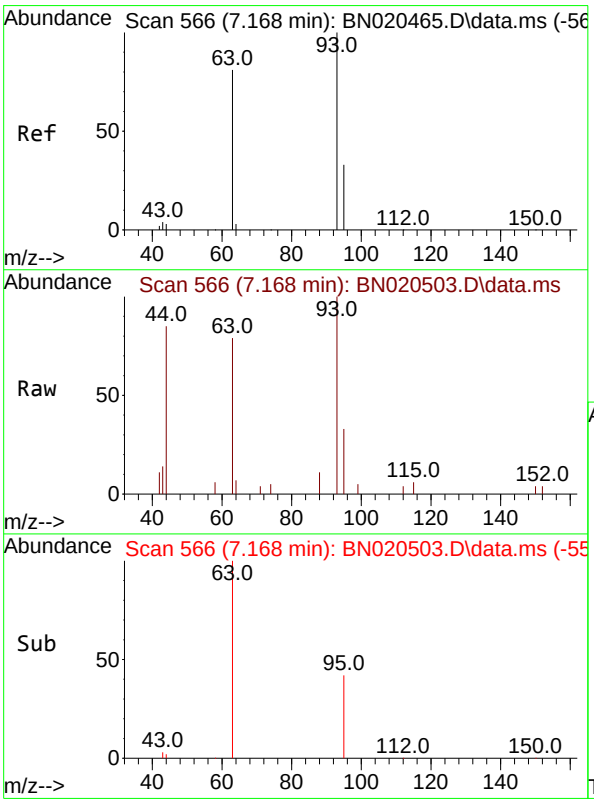
#5
Phenol-d6
Concen: 0.378 ng
RT: 6.944 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN020503.D
Acq: 27 Jun 2022 17:31

Instrument :
BNA_N
ClientSampleId :
PB145588BS

Tgt Ion: 99 Resp: 3333

Ion	Ratio	Lower	Upper
99	100		
42	22.7	19.3	28.9
71	35.3	27.5	41.3

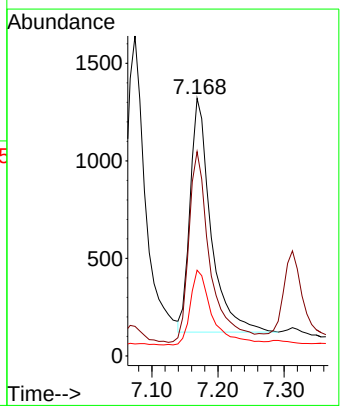


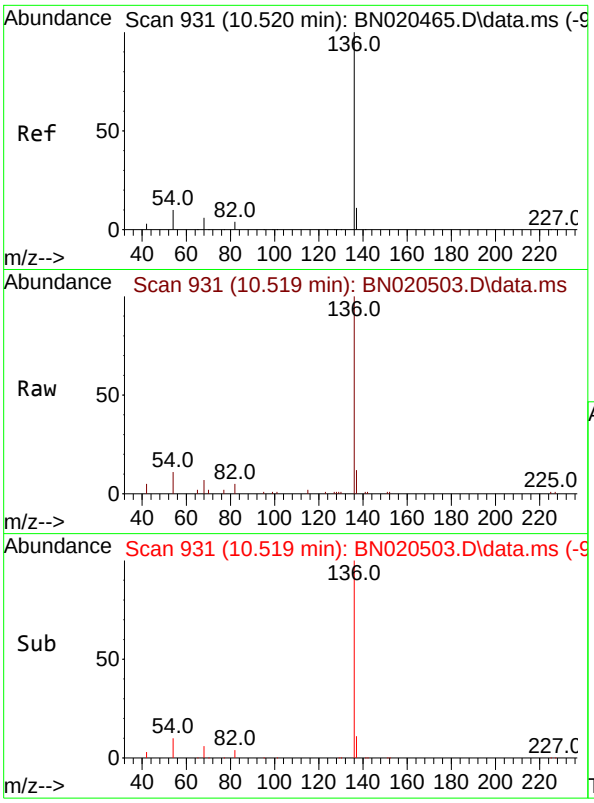


#6
bis(2-Chloroethyl)ether
Concen: 0.345 ng
RT: 7.168 min Scan# 566
Delta R.T. -0.000 min
Lab File: BN020503.D
Acq: 27 Jun 2022 17:31

Tgt Ion: 93 Resp: 2621

Ion	Ratio	Lower	Upper
93	100		
63	84.8	67.4	101.0
95	33.7	26.5	39.7



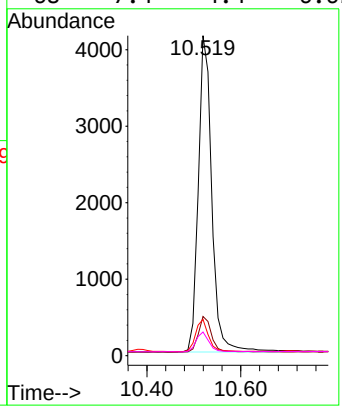


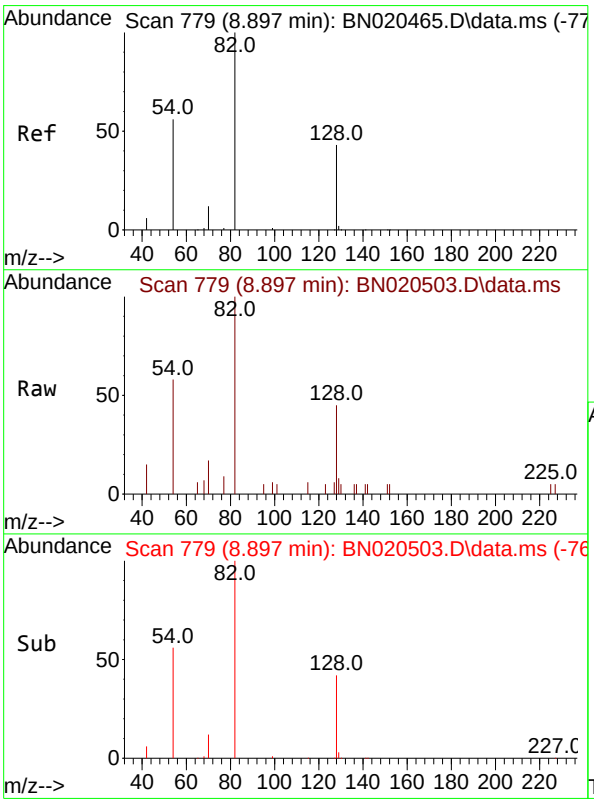
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.519 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN020503.D
Acq: 27 Jun 2022 17:31

Instrument :
BNA_N
ClientSampleId :
PB145588BS

Tgt Ion:136 Resp: 8246

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.0	13.6
54	11.4	6.2	9.2#
68	7.4	4.4	6.6#

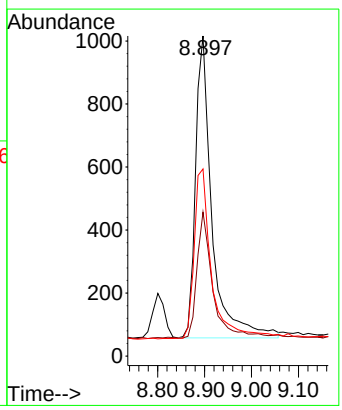


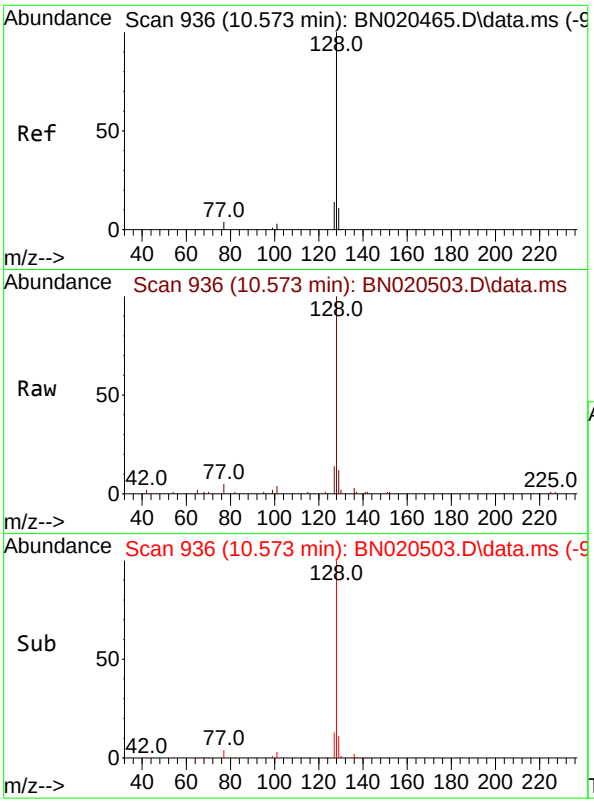


#8
Nitrobenzene-d5
Concen: 0.348 ng
RT: 8.897 min Scan# 779
Delta R.T. -0.000 min
Lab File: BN020503.D
Acq: 27 Jun 2022 17:31

Tgt Ion: 82 Resp: 2327

Ion	Ratio	Lower	Upper
82	100		
128	45.0	35.0	52.6
54	58.5	46.2	69.4



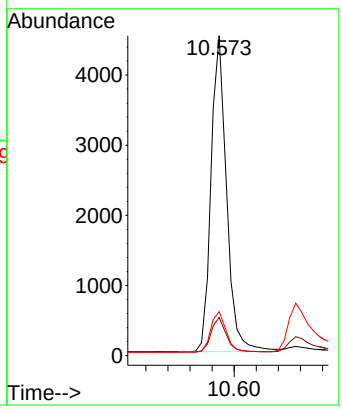


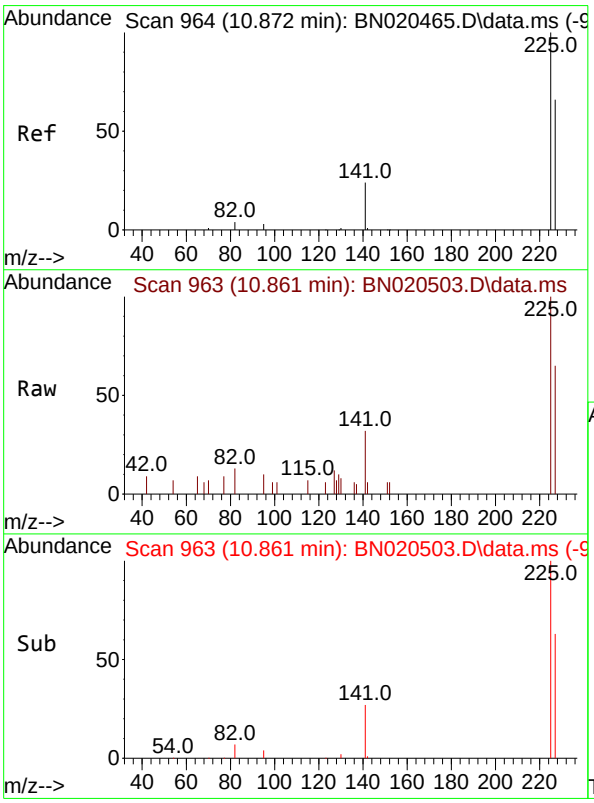
#9
Naphthalene
Concen: 0.357 ng
RT: 10.573 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN020503.D
Acq: 27 Jun 2022 17:31

Instrument :
BNA_N
ClientSampleId :
PB145588BS

Tgt Ion:128 Resp: 8800

Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.9	13.3
127	13.8	10.8	16.2

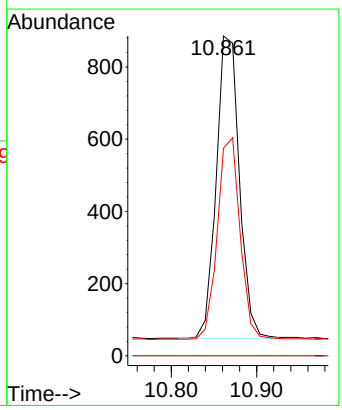


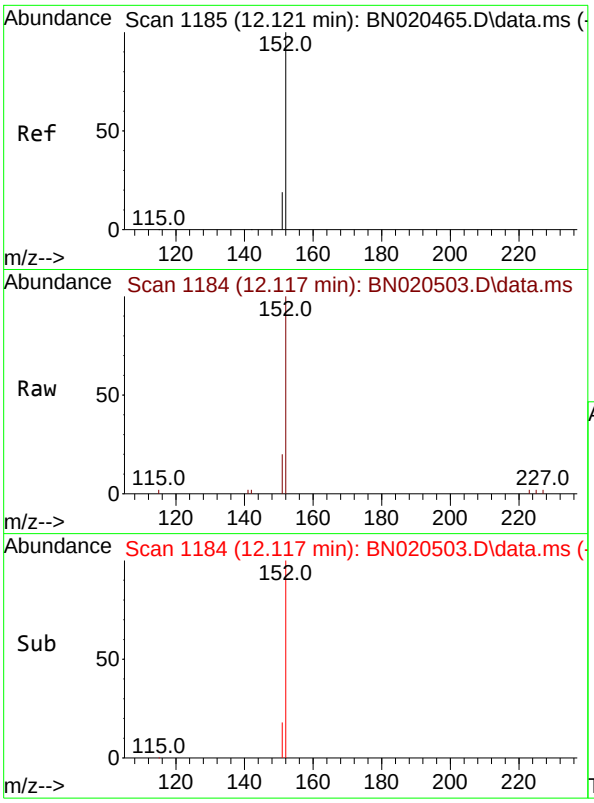


#10
Hexachlorobutadiene
Concen: 0.350 ng
RT: 10.861 min Scan# 963
Delta R.T. -0.011 min
Lab File: BN020503.D
Acq: 27 Jun 2022 17:31

Tgt Ion:225 Resp: 1570

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	65.5	50.9	76.3



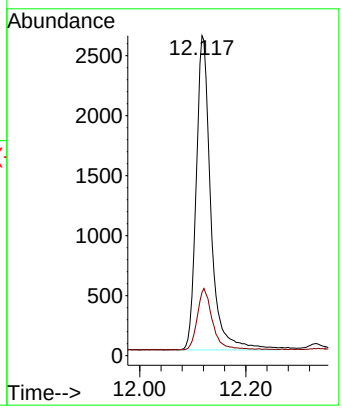


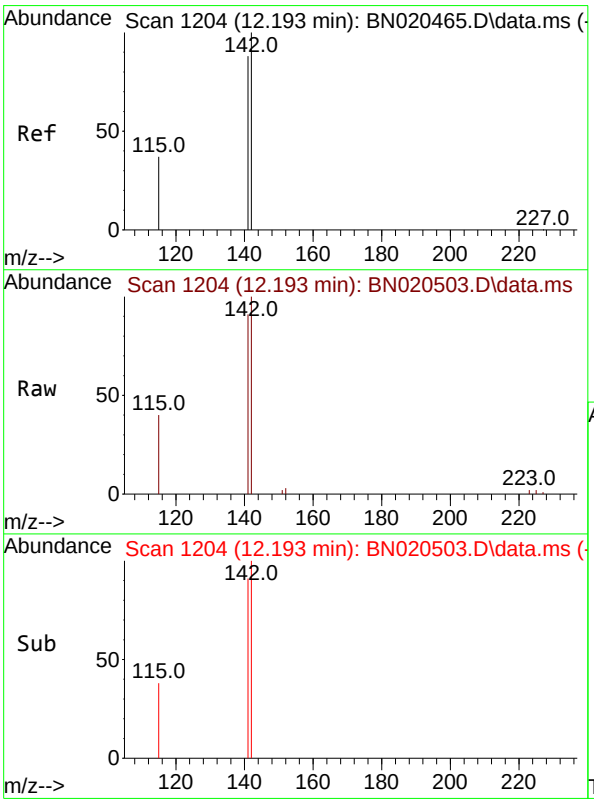
#11
2-Methylnaphthalene-d10
Concen: 0.353 ng
RT: 12.117 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN020503.D
Acq: 27 Jun 2022 17:31

Instrument :
BNA_N
ClientSampleId :
PB145588BS

Tgt Ion:152 Resp: 4989

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.4

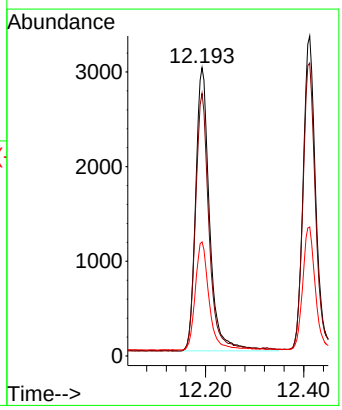


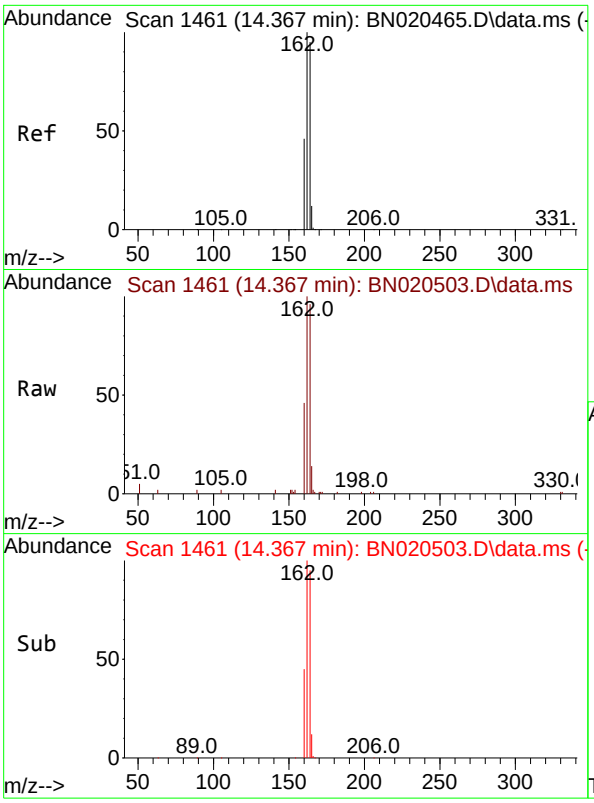


#12
2-Methylnaphthalene
Concen: 0.360 ng
RT: 12.193 min Scan# 1204
Delta R.T. -0.000 min
Lab File: BN020503.D
Acq: 27 Jun 2022 17:31

Tgt Ion:142 Resp: 5898

Ion	Ratio	Lower	Upper
142	100		
141	91.1	71.6	107.4
115	39.6	29.8	44.8



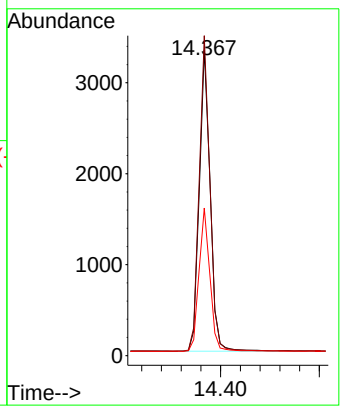


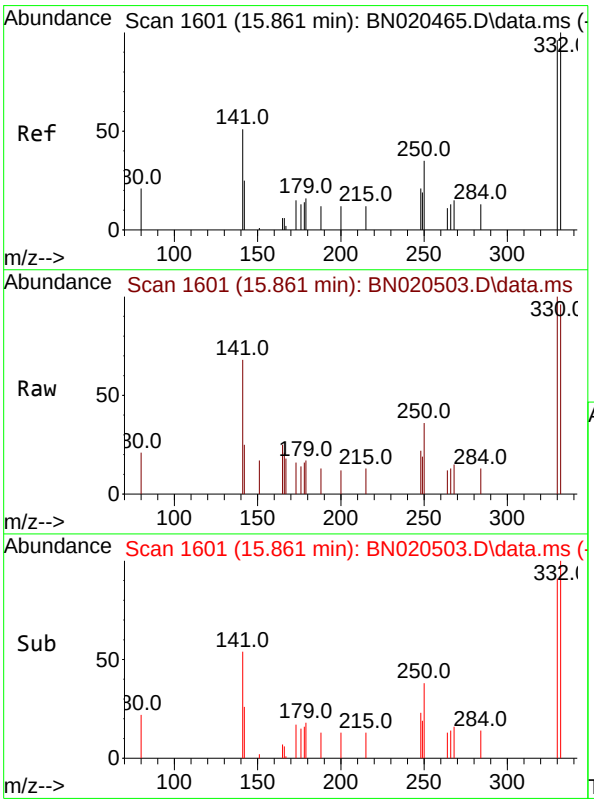
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.367 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN020503.D
Acq: 27 Jun 2022 17:31

Instrument :
BNA_N
ClientSampleId :
PB145588BS

Tgt Ion:164 Resp: 5069

Ion	Ratio	Lower	Upper
164	100		
162	104.7	82.1	123.1
160	48.3	38.6	58.0

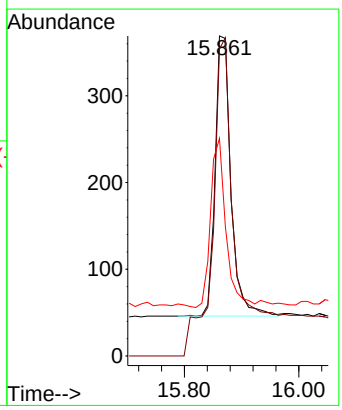


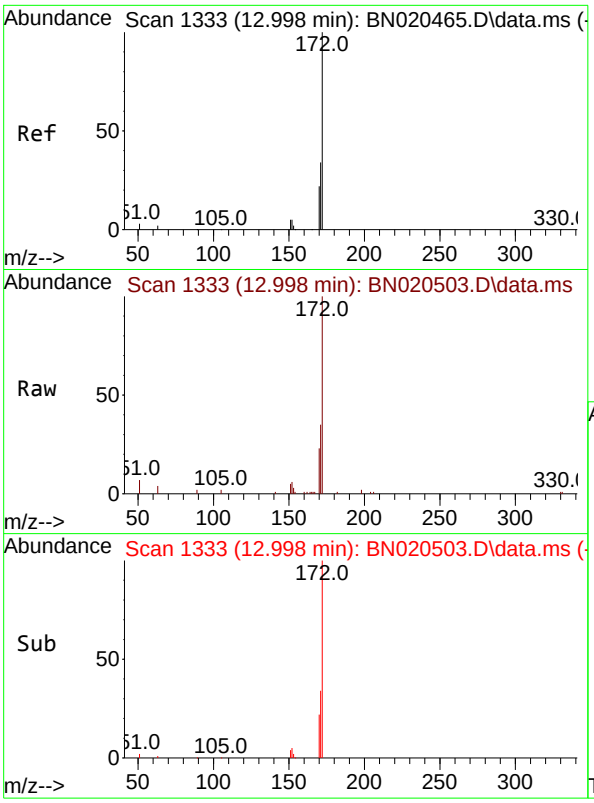


#14
2,4,6-Tribromophenol
Concen: 0.327 ng
RT: 15.861 min Scan# 1601
Delta R.T. -0.000 min
Lab File: BN020503.D
Acq: 27 Jun 2022 17:31

Tgt Ion:330 Resp: 624

Ion	Ratio	Lower	Upper
330	100		
332	169.1	77.6	116.4#
141	58.2	41.0	61.4



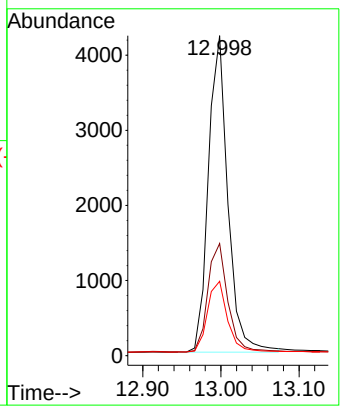


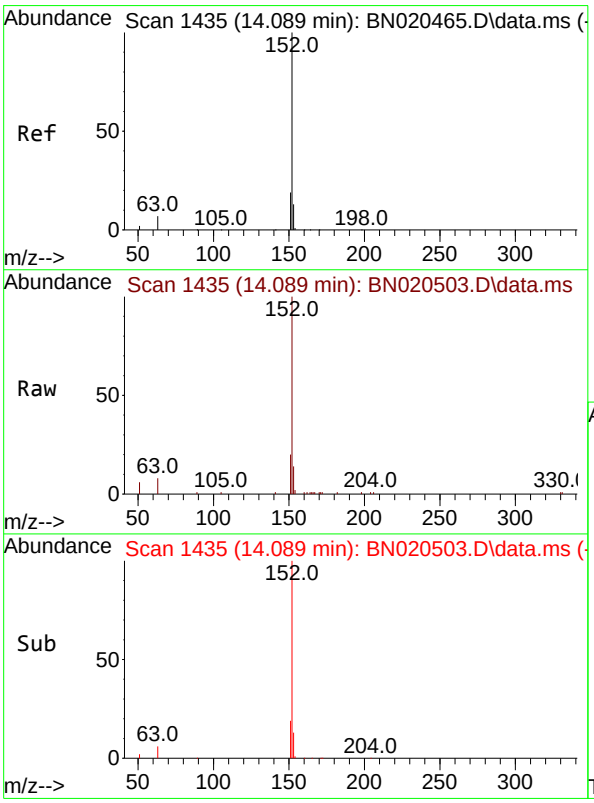
#15
2-Fluorobiphenyl
Concen: 0.349 ng
RT: 12.998 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN020503.D
Acq: 27 Jun 2022 17:31

Instrument :
BNA_N
ClientSampleId :
PB145588BS

Tgt Ion:172 Resp: 7311

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.2	40.8
170	23.3	18.2	27.4

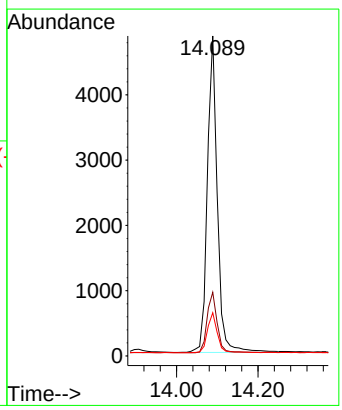


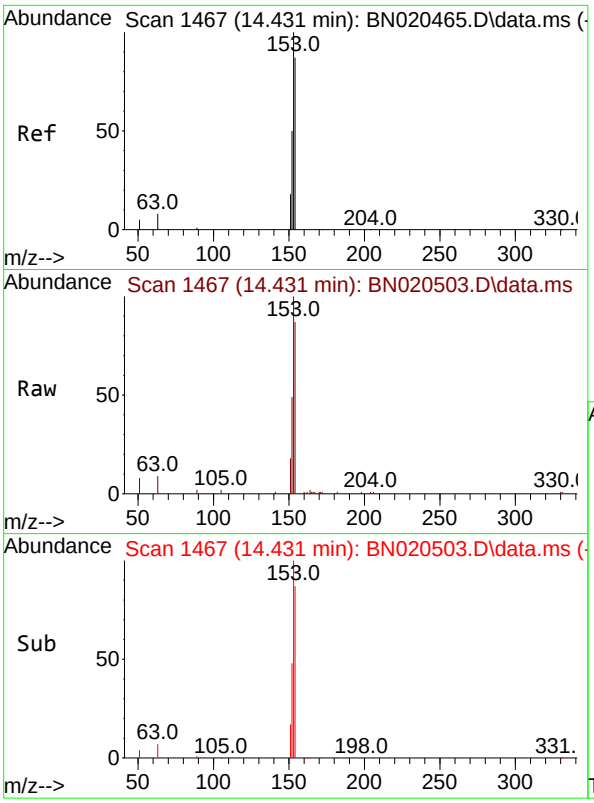


#16
Acenaphthylene
Concen: 0.338 ng
RT: 14.089 min Scan# 1435
Delta R.T. -0.000 min
Lab File: BN020503.D
Acq: 27 Jun 2022 17:31

Tgt Ion:152 Resp: 8230

Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.2	24.4
153	12.6	10.7	16.1



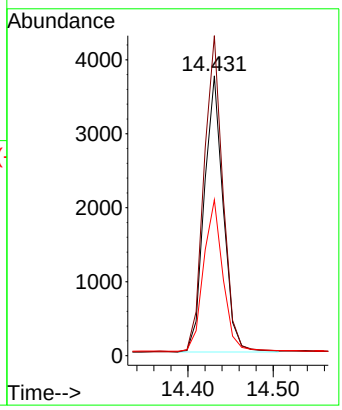


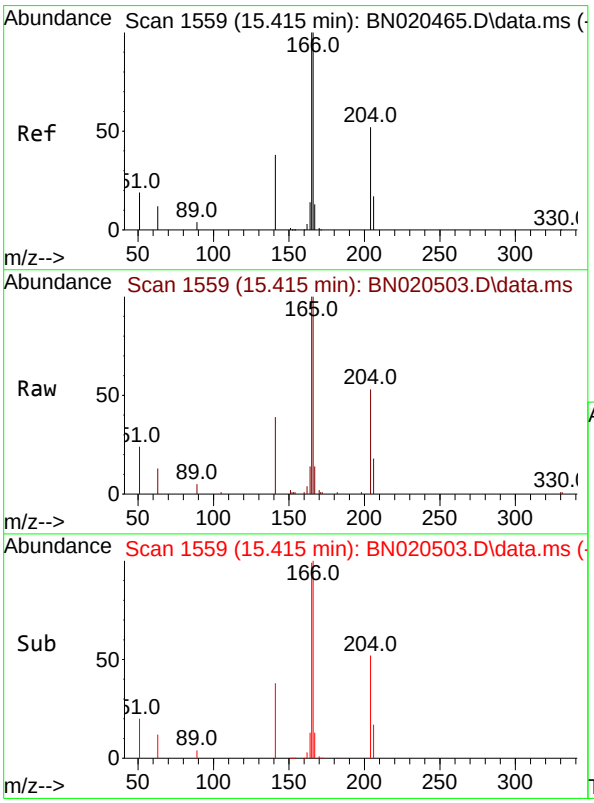
#17
Acenaphthene
Concen: 0.348 ng
RT: 14.431 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN020503.D
Acq: 27 Jun 2022 17:31

Instrument :
BNA_N
ClientSampleId :
PB145588BS

Tgt Ion:154 Resp: 5774

Ion	Ratio	Lower	Upper
154	100		
153	114.9	87.5	131.3
152	56.3	43.8	65.6

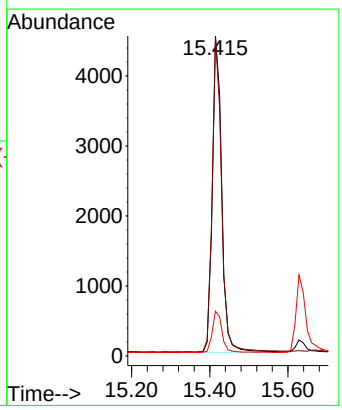


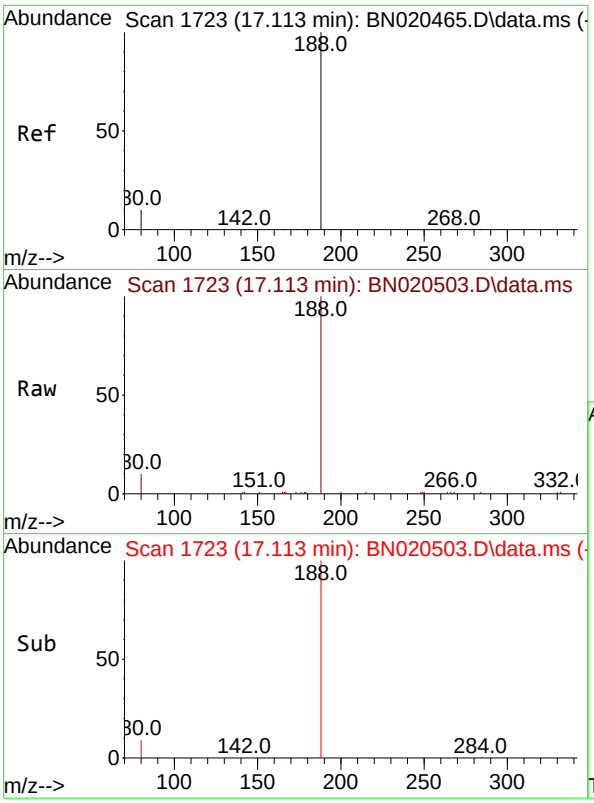


#18
Fluorene
Concen: 0.351 ng
RT: 15.415 min Scan# 1559
Delta R.T. -0.000 min
Lab File: BN020503.D
Acq: 27 Jun 2022 17:31

Tgt Ion:166 Resp: 7585

Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.6	118.0
167	13.4	10.8	16.2



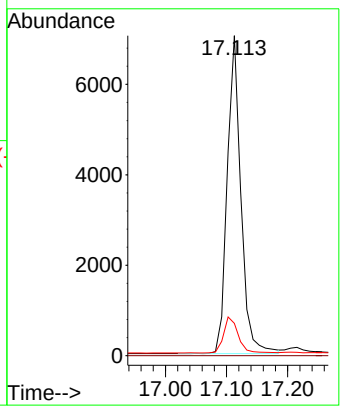


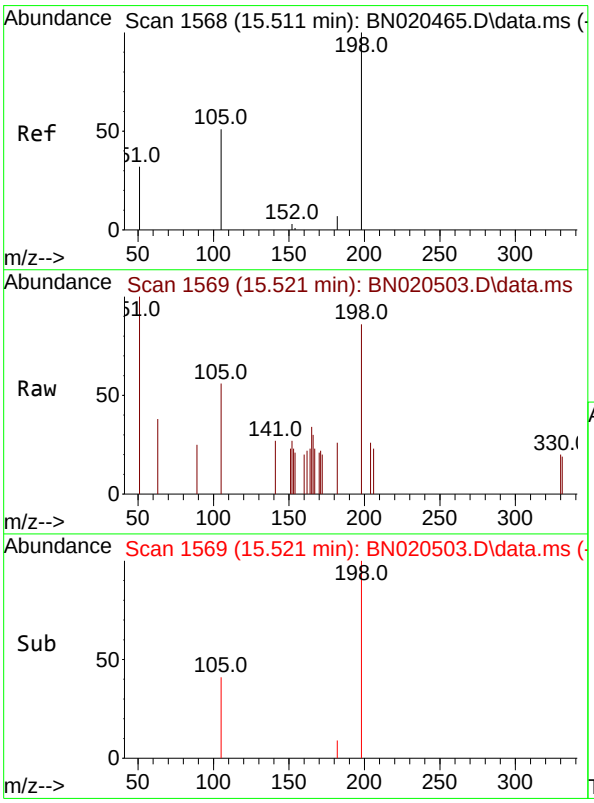
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.113 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN020503.D
Acq: 27 Jun 2022 17:31

Instrument :
BNA_N
ClientSampleId :
PB145588BS

Tgt Ion:188 Resp: 10910

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.1	7.4	11.2

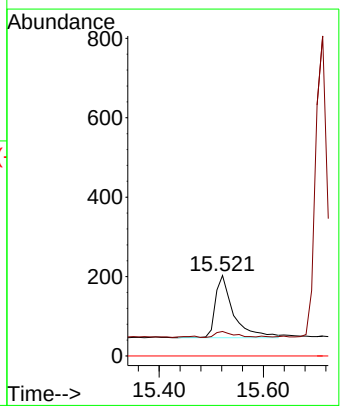


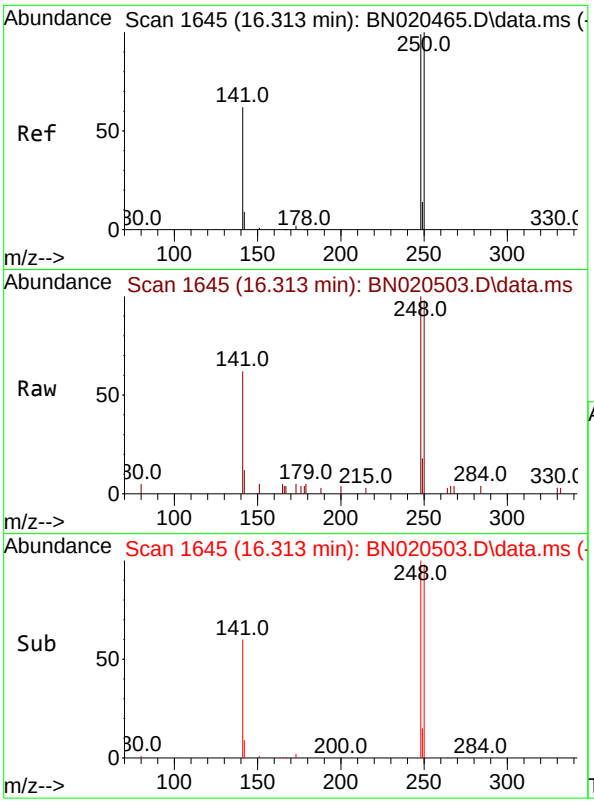


#20
4,6-Dinitro-2-methylphenol
Concen: 0.403 ng
RT: 15.521 min Scan# 1569
Delta R.T. 0.010 min
Lab File: BN020503.D
Acq: 27 Jun 2022 17:31

Tgt Ion:198 Resp: 379

Ion	Ratio	Lower	Upper
198	100		
182	30.5	12.1	18.1#
77	0.0	0.0	0.0



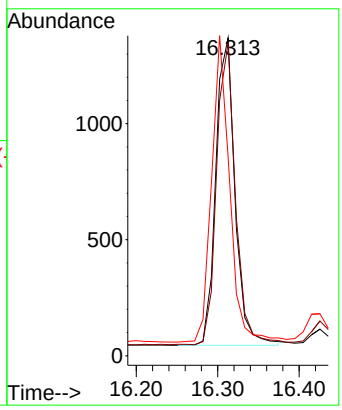


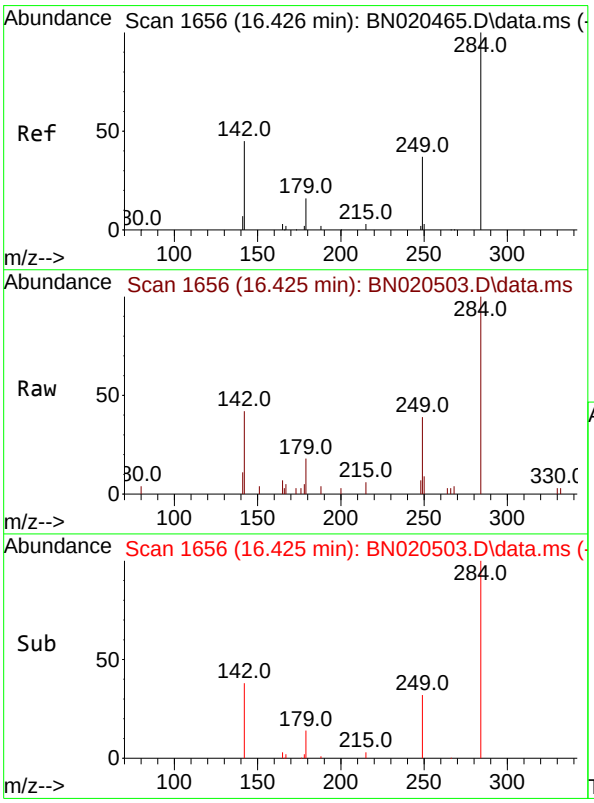
#21
4-Bromophenyl-phenylether
Concen: 0.341 ng
RT: 16.313 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN020503.D
Acq: 27 Jun 2022 17:31

Instrument :
BNA_N
ClientSampleId :
PB145588BS

Tgt Ion:248 Resp: 2163

Ion	Ratio	Lower	Upper
248	100		
250	98.4	75.3	112.9
141	62.5	67.3	100.9#

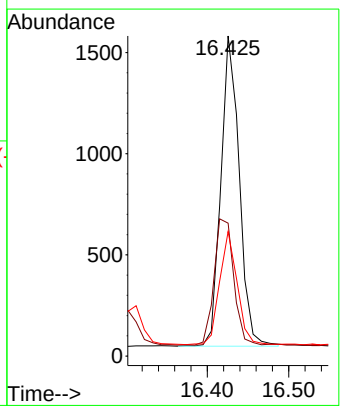


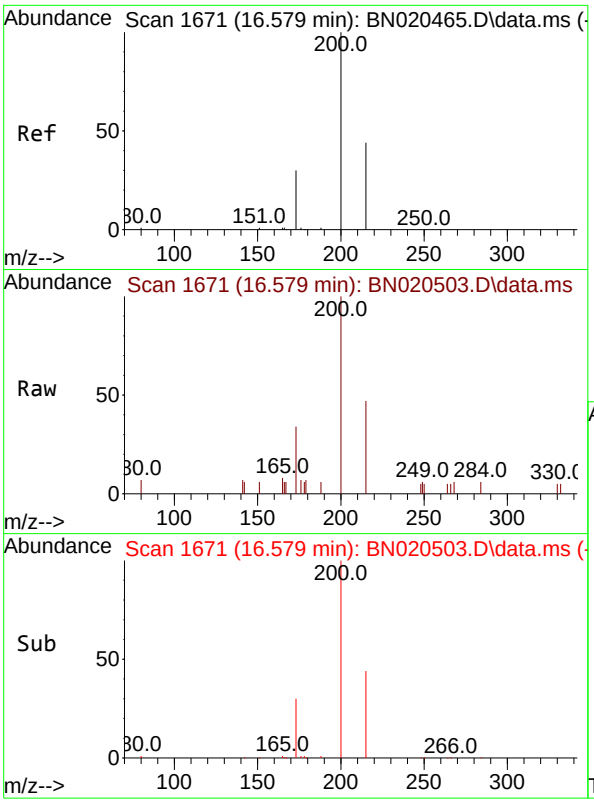


#22
Hexachlorobenzene
Concen: 0.341 ng
RT: 16.425 min Scan# 1656
Delta R.T. -0.000 min
Lab File: BN020503.D
Acq: 27 Jun 2022 17:31

Tgt Ion:284 Resp: 2394

Ion	Ratio	Lower	Upper
284	100		
142	43.7	35.2	52.8
249	34.9	26.6	40.0



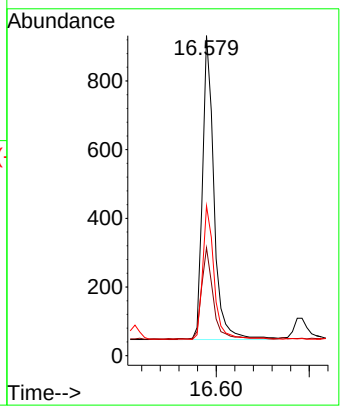


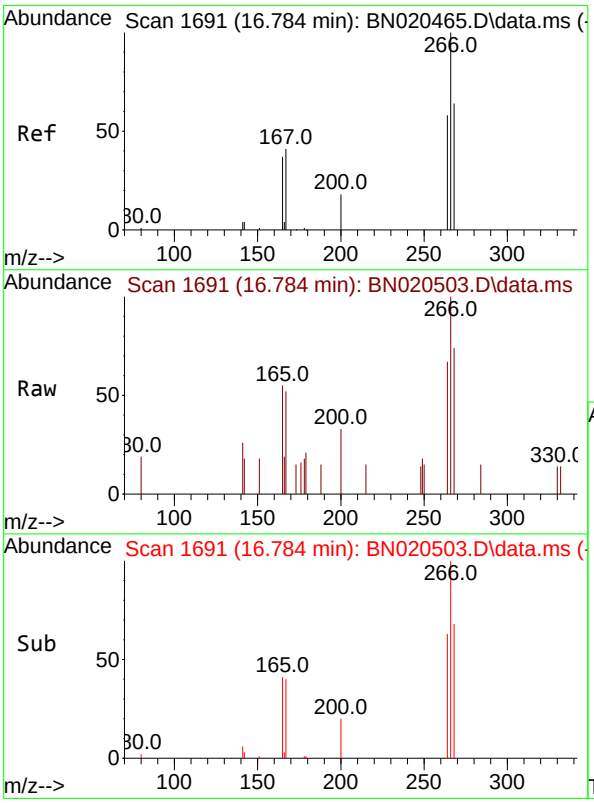
#23
Atrazine
Concen: 0.302 ng
RT: 16.579 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN020503.D
Acq: 27 Jun 2022 17:31

Instrument :
BNA_N
ClientSampleId :
PB145588BS

Tgt Ion:200 Resp: 1509

Ion	Ratio	Lower	Upper
200	100		
173	33.7	23.6	35.4
215	46.8	36.6	54.8

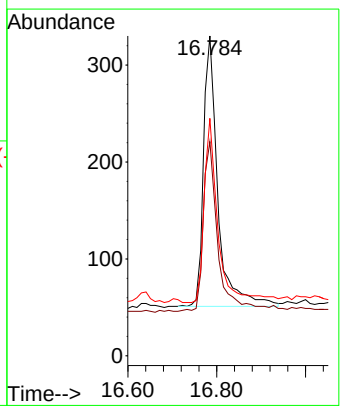


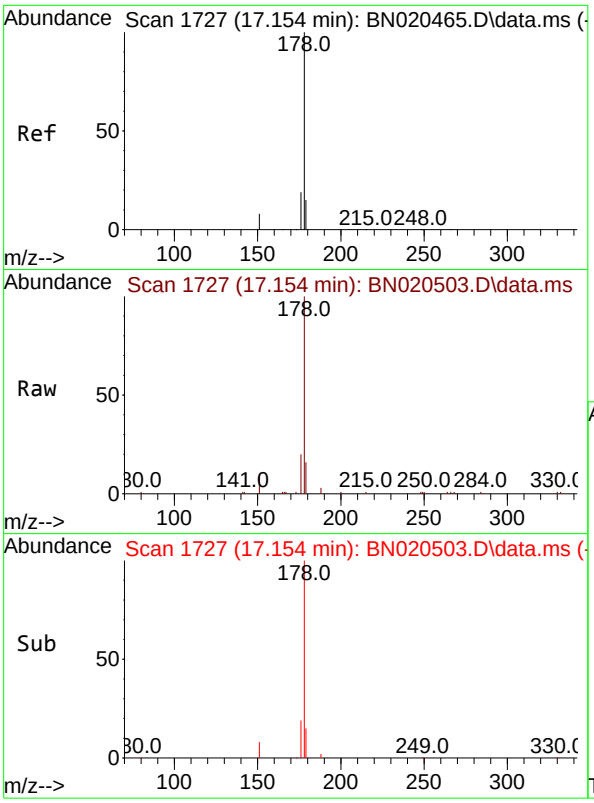


#24
Pentachlorophenol
Concen: 0.462 ng
RT: 16.784 min Scan# 1691
Delta R.T. 0.000 min
Lab File: BN020503.D
Acq: 27 Jun 2022 17:31

Tgt Ion:266 Resp: 626

Ion	Ratio	Lower	Upper
266	100		
264	64.1	51.3	76.9
268	66.3	52.6	79.0



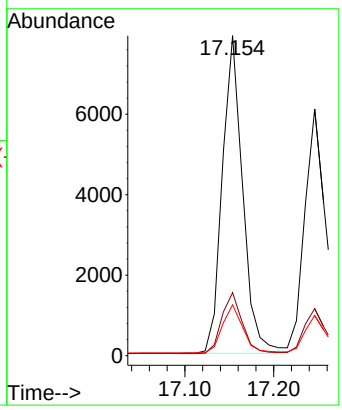


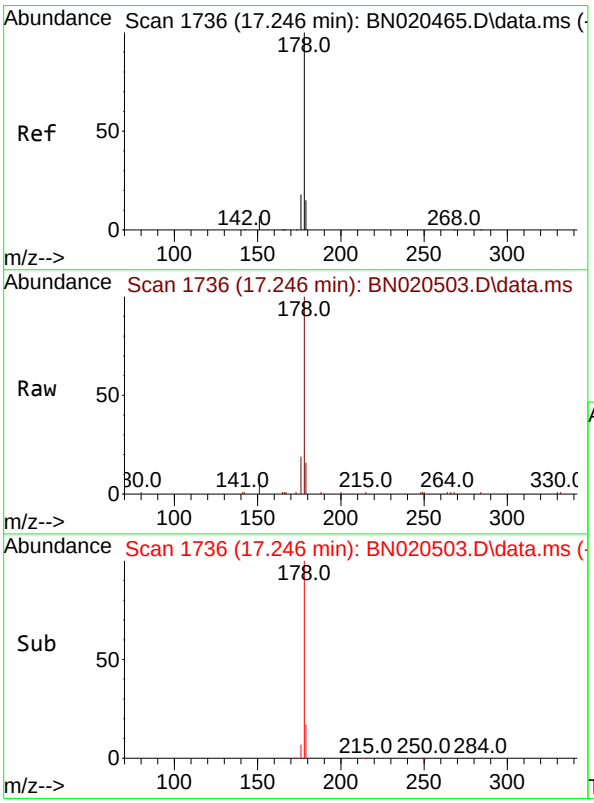
#25
Phenanthrene
Concen: 0.342 ng
RT: 17.154 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN020503.D
Acq: 27 Jun 2022 17:31

Instrument :
BNA_N
ClientSampleId :
PB145588BS

Tgt Ion:178 Resp: 12571

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.3	22.9
179	15.4	12.2	18.4

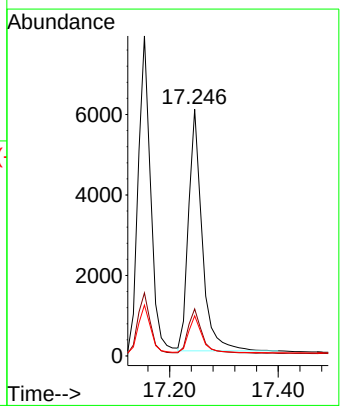


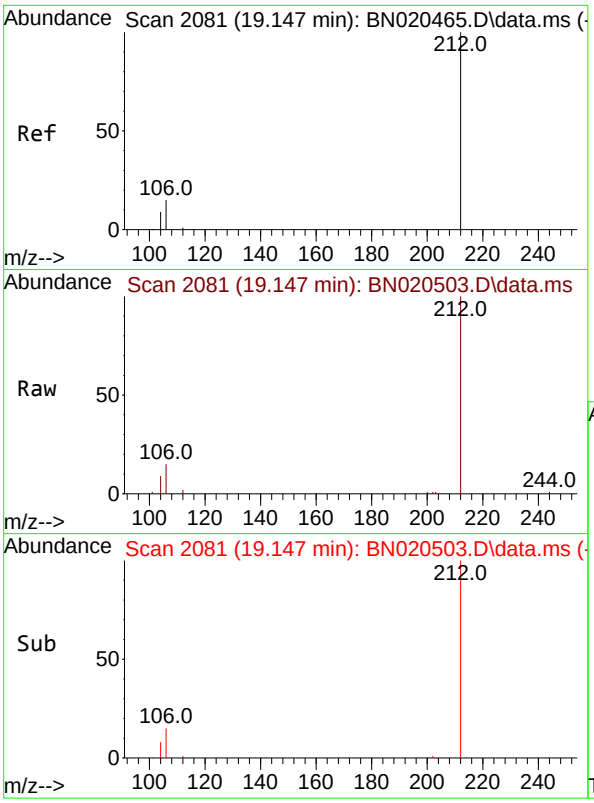


#26
Anthracene
Concen: 0.331 ng
RT: 17.246 min Scan# 1736
Delta R.T. -0.000 min
Lab File: BN020503.D
Acq: 27 Jun 2022 17:31

Tgt Ion:178 Resp: 10499

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.9	22.3
179	14.9	12.2	18.4



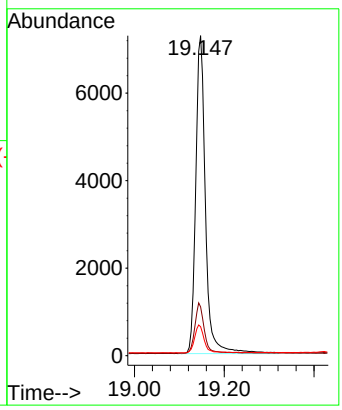


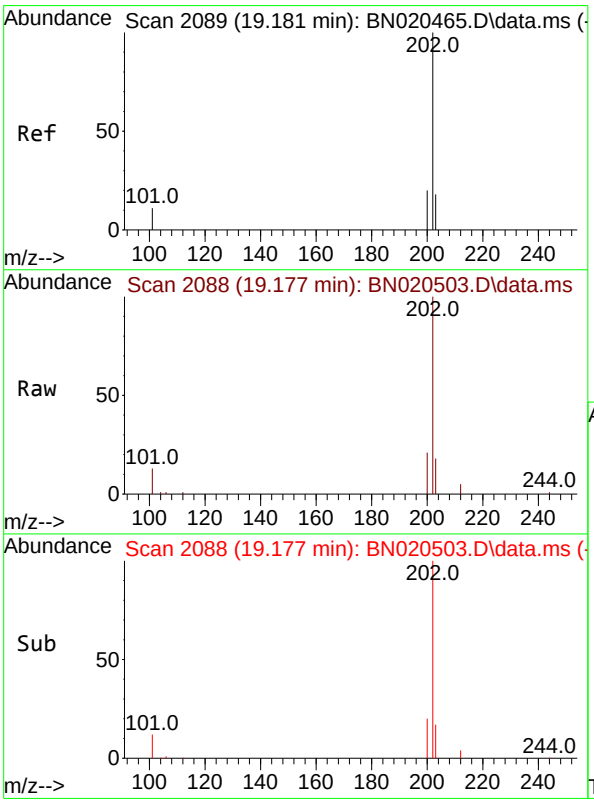
#27
Fluoranthene-d10
Concen: 0.338 ng
RT: 19.147 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN020503.D
Acq: 27 Jun 2022 17:31

Instrument :
BNA_N
ClientSampleId :
PB145588BS

Tgt Ion:212 Resp: 10950

Ion	Ratio	Lower	Upper
212	100		
106	15.2	12.6	19.0
104	8.6	7.2	10.8

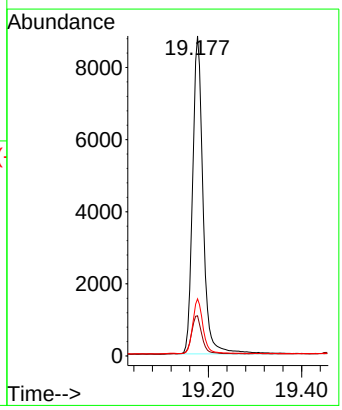


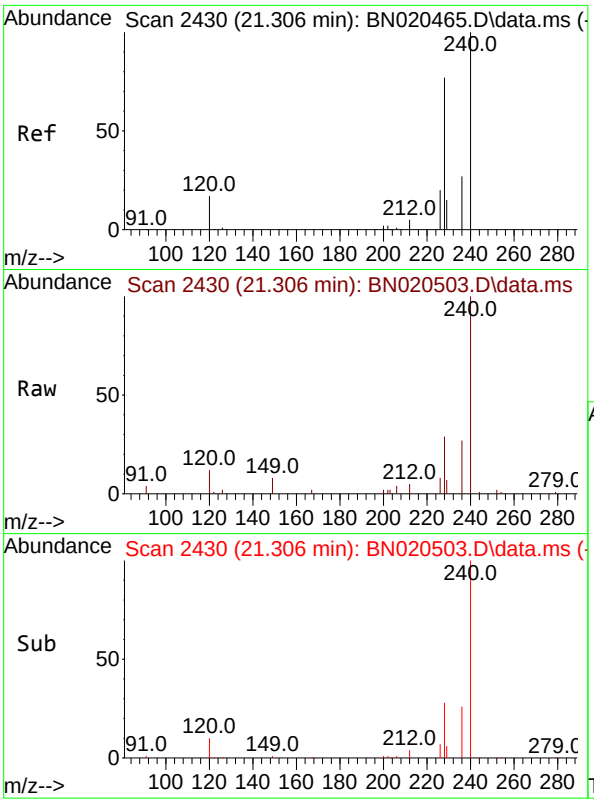


#28
Fluoranthene
Concen: 0.342 ng
RT: 19.177 min Scan# 2088
Delta R.T. -0.004 min
Lab File: BN020503.D
Acq: 27 Jun 2022 17:31

Tgt Ion:202 Resp: 13714

Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.6	14.4
203	16.8	13.5	20.3



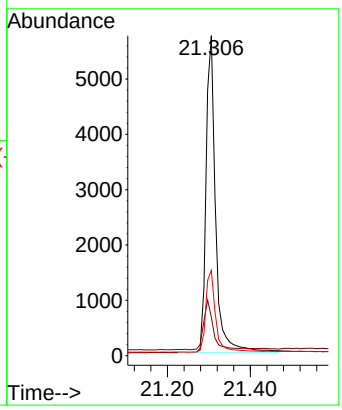


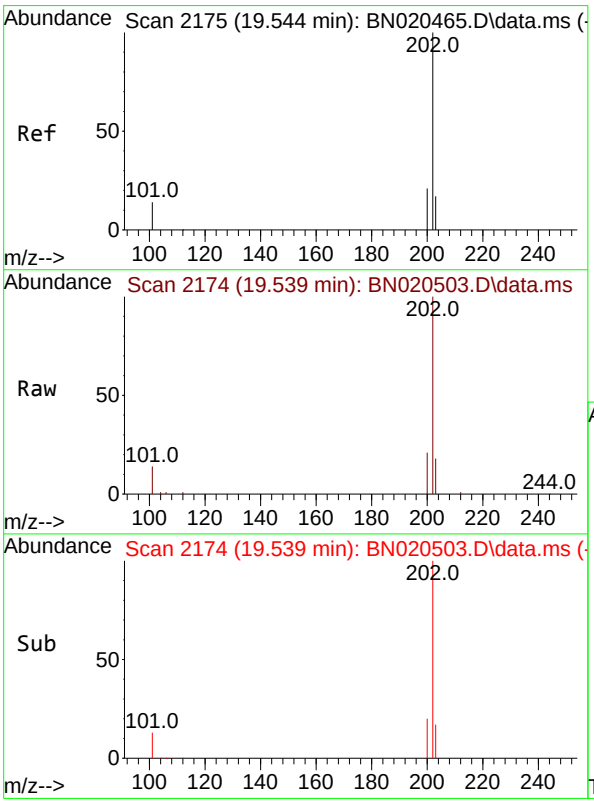
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.306 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN020503.D
Acq: 27 Jun 2022 17:31

Instrument :
BNA_N
ClientSampleId :
PB145588BS

Tgt Ion:240 Resp: 9250

Ion	Ratio	Lower	Upper
240	100		
120	12.0	14.6	21.8#
236	26.7	22.6	33.8

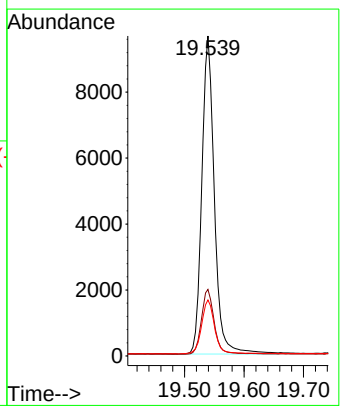


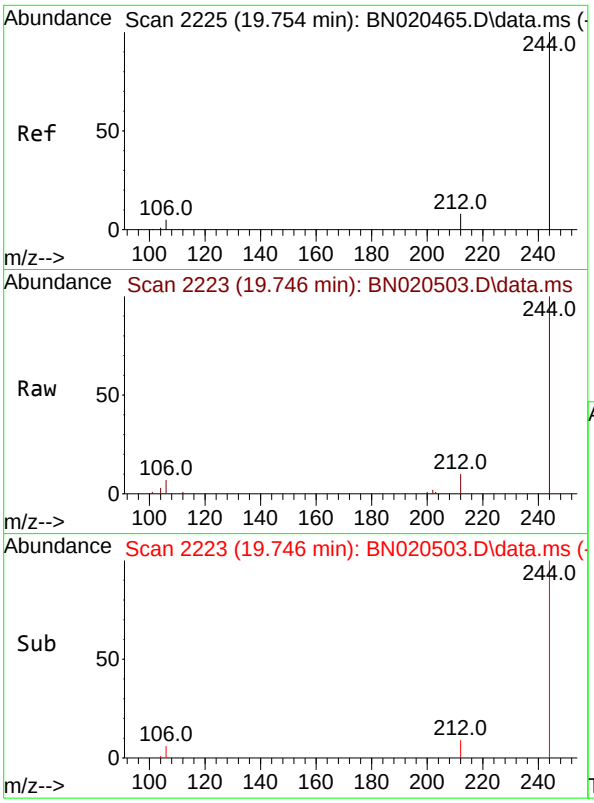


#30
Pyrene
Concen: 0.361 ng
RT: 19.539 min Scan# 2174
Delta R.T. -0.004 min
Lab File: BN020503.D
Acq: 27 Jun 2022 17:31

Tgt Ion:202 Resp: 14137

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



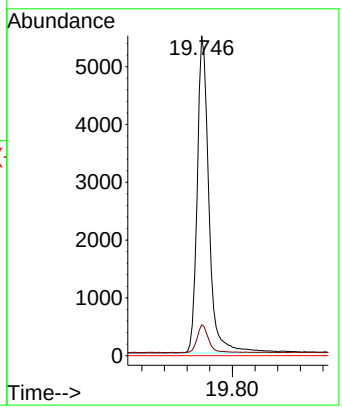


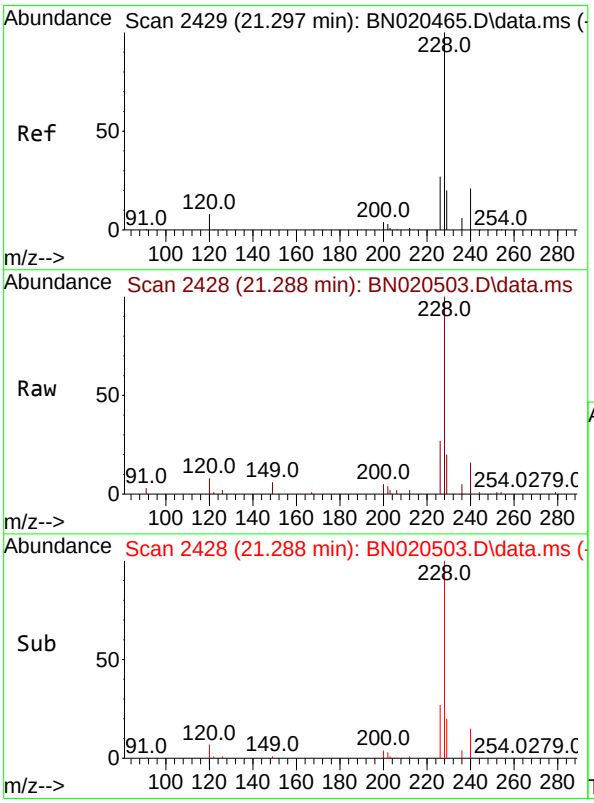
#31
Terphenyl-d14
Concen: 0.358 ng
RT: 19.746 min Scan# 2
Delta R.T. -0.008 min
Lab File: BN020503.D
Acq: 27 Jun 2022 17:31

Instrument :
BNA_N
ClientSampleId :
PB145588BS

Tgt Ion:244 Resp: 7915

Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.1	10.7
122	0.0	0.0	0.0

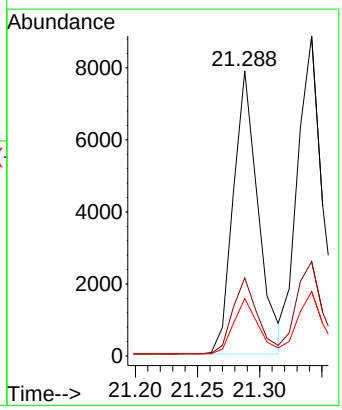


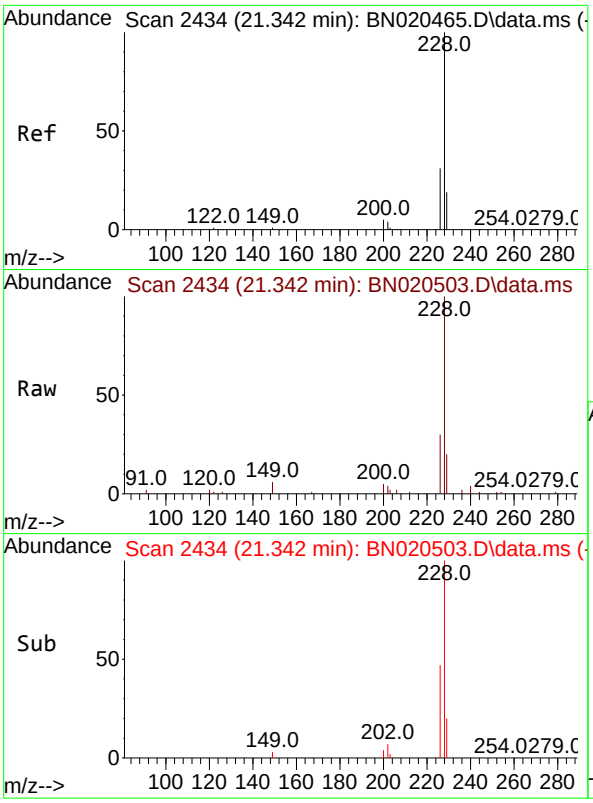


#32
Benzo(a)anthracene
Concen: 0.331 ng
RT: 21.288 min Scan# 2428
Delta R.T. -0.009 min
Lab File: BN020503.D
Acq: 27 Jun 2022 17:31

Tgt Ion:228 Resp: 10950

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.2	31.8
229	20.2	15.6	23.4



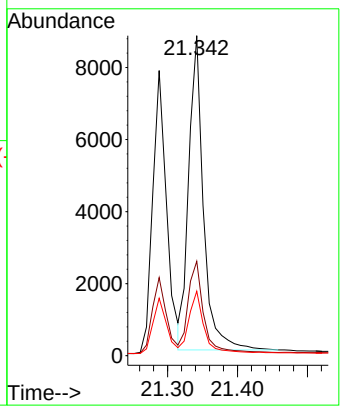


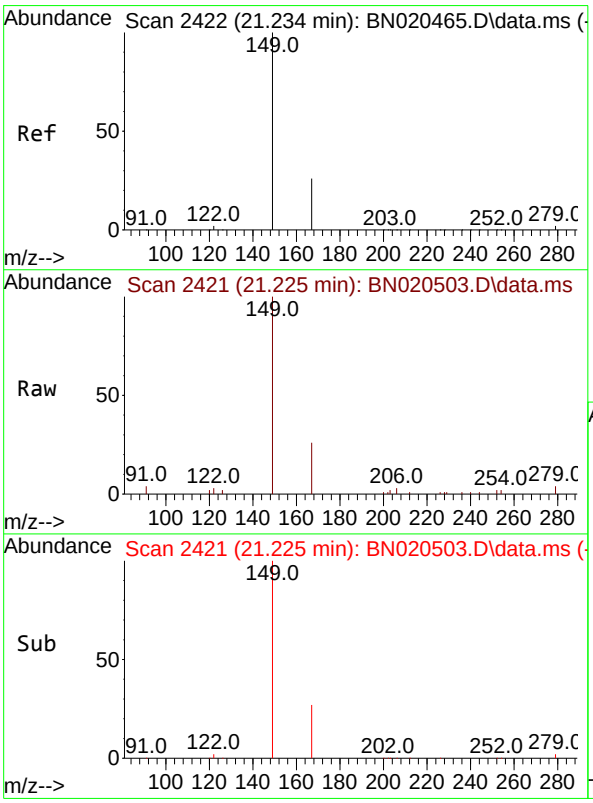
#33
Chrysene
Concen: 0.349 ng
RT: 21.342 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN020503.D
Acq: 27 Jun 2022 17:31

Instrument :
BNA_N
ClientSampleId :
PB145588BS

Tgt Ion:228 Resp: 12764

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.4	35.0
229	20.1	15.7	23.5

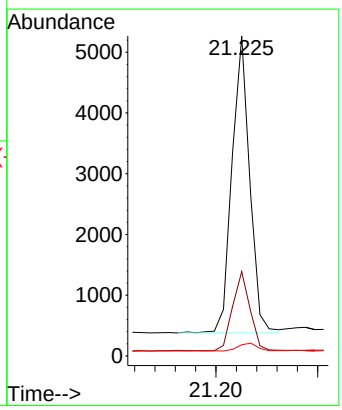


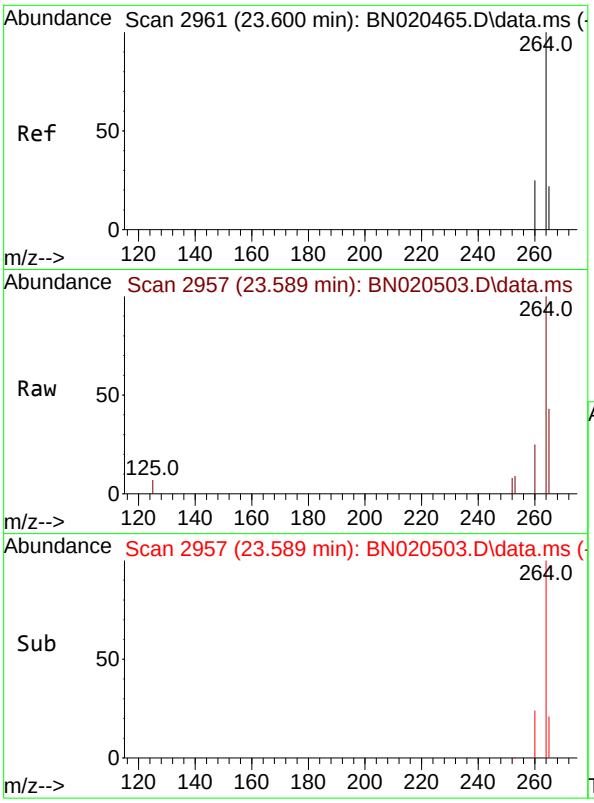


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.316 ng
RT: 21.225 min Scan# 2421
Delta R.T. -0.009 min
Lab File: BN020503.D
Acq: 27 Jun 2022 17:31

Tgt Ion:149 Resp: 5892

Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.7	32.5
279	3.0	2.2	3.2



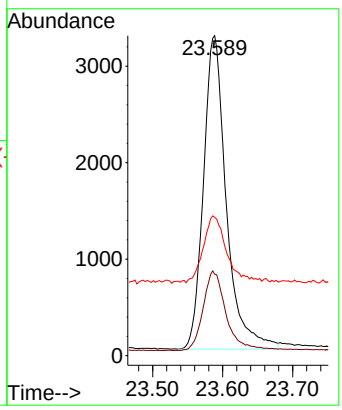


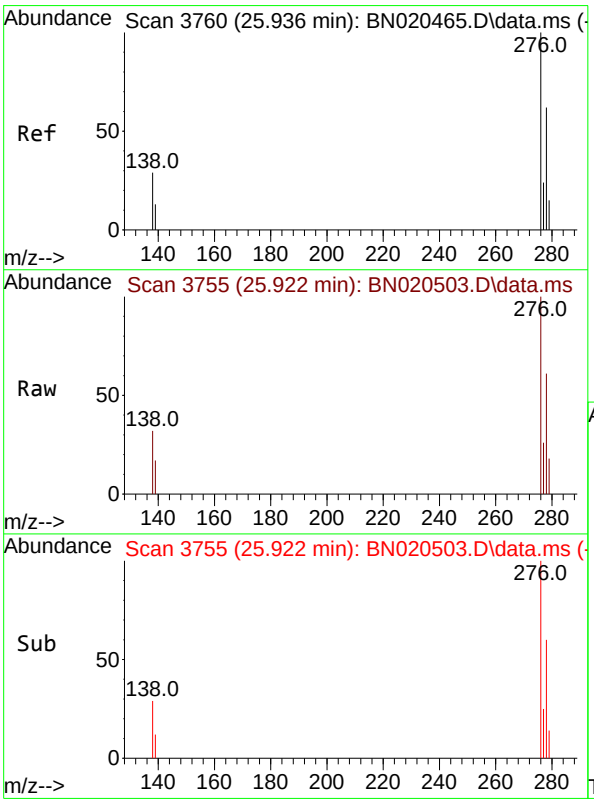
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.589 min Scan# 2
Delta R.T. -0.012 min
Lab File: BN020503.D
Acq: 27 Jun 2022 17:31

Instrument :
BNA_N
ClientSampleId :
PB145588BS

Tgt Ion:264 Resp: 7364

Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.9	31.3
265	43.3	28.0	42.0#

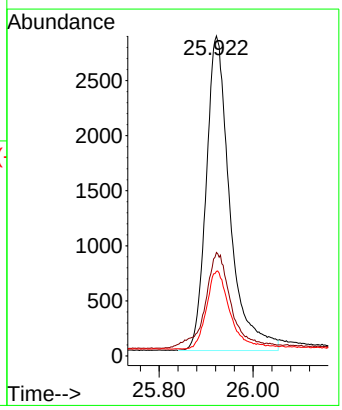


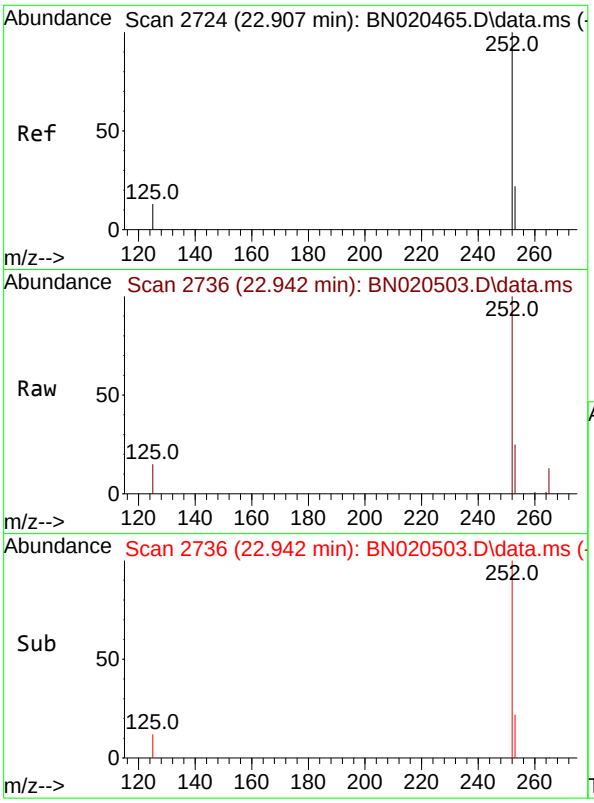


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.305 ng
RT: 25.922 min Scan# 3755
Delta R.T. -0.015 min
Lab File: BN020503.D
Acq: 27 Jun 2022 17:31

Tgt Ion:276 Resp: 10002

Ion	Ratio	Lower	Upper
276	100		
138	31.4	25.9	38.9
277	24.6	19.8	29.8



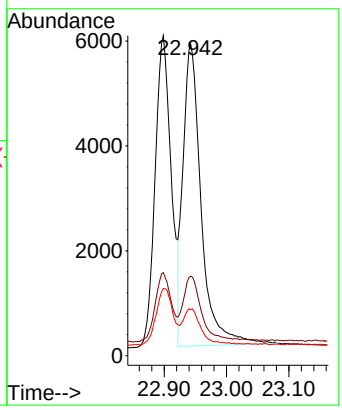


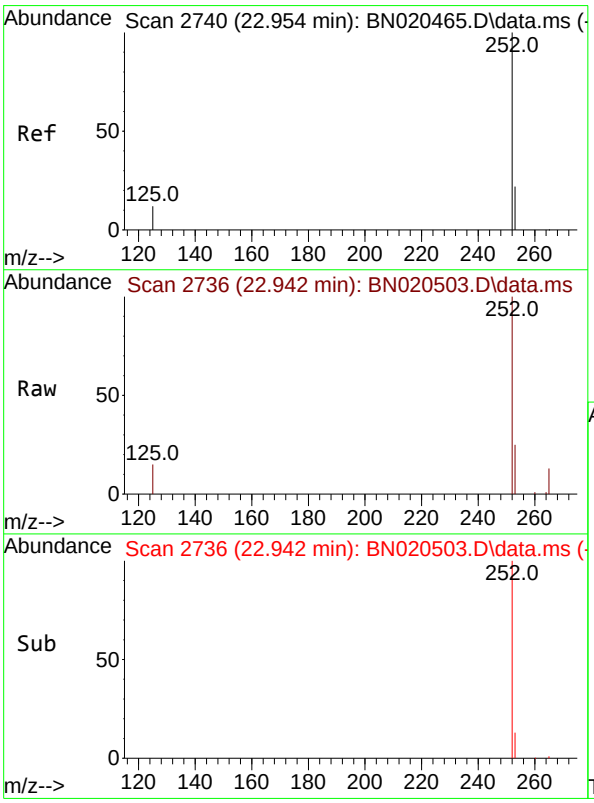
#37
Benzo(b)fluoranthene
Concen: 0.410 ng
RT: 22.942 min Scan# 2
Delta R.T. 0.035 min
Lab File: BN020503.D
Acq: 27 Jun 2022 17:31

Instrument :
BNA_N
ClientSampleId :
PB145588BS

Tgt Ion:252 Resp: 11639

Ion	Ratio	Lower	Upper
252	100		
253	25.5	18.5	27.7
125	14.8	11.4	17.0

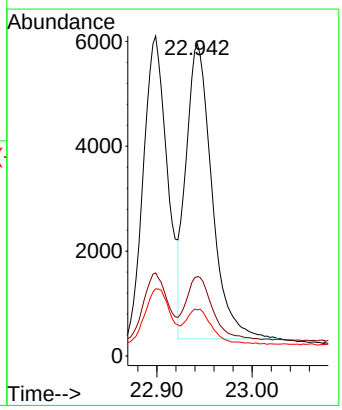


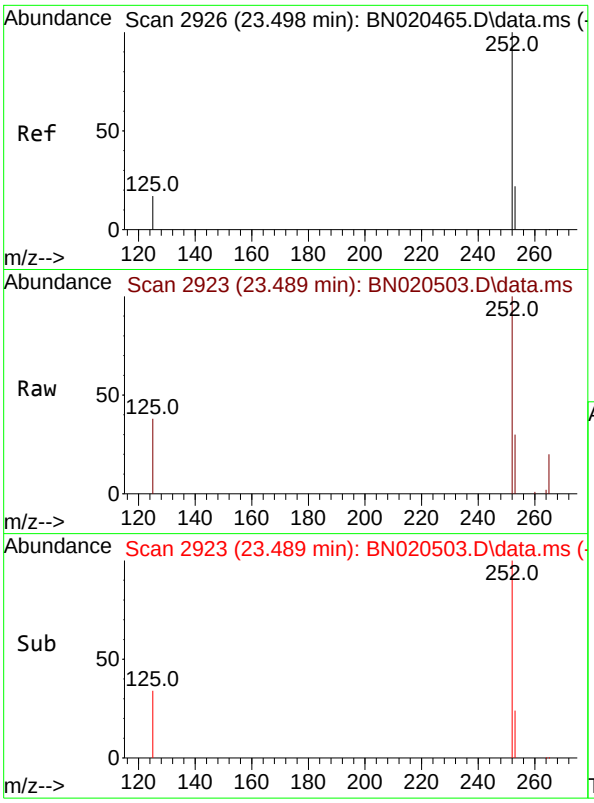


#38
Benzo(k)fluoranthene
Concen: 0.353 ng
RT: 22.942 min Scan# 2736
Delta R.T. -0.012 min
Lab File: BN020503.D
Acq: 27 Jun 2022 17:31

Tgt Ion:252 Resp: 10659

Ion	Ratio	Lower	Upper
252	100		
253	25.5	18.0	27.0
125	14.8	11.0	16.4



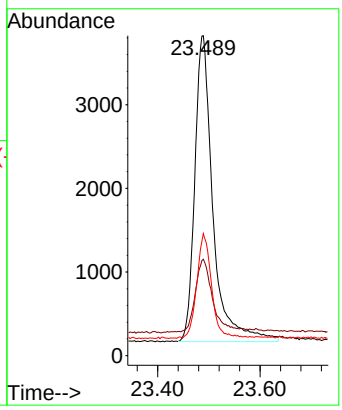


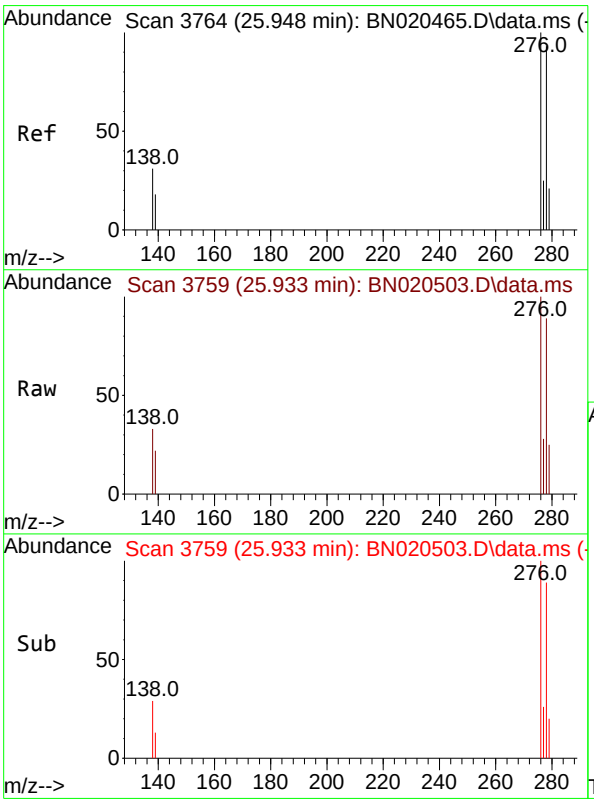
#39
Benzo(a)pyrene
Concen: 0.366 ng
RT: 23.489 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN020503.D
Acq: 27 Jun 2022 17:31

Instrument :
BNA_N
ClientSampleId :
PB145588BS

Tgt Ion:252 Resp: 9018

Ion	Ratio	Lower	Upper
252	100		
253	30.1	19.0	28.4#
125	38.1	13.8	20.8#

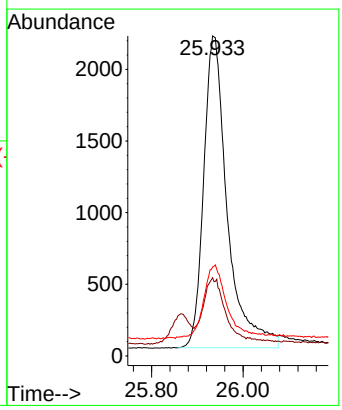


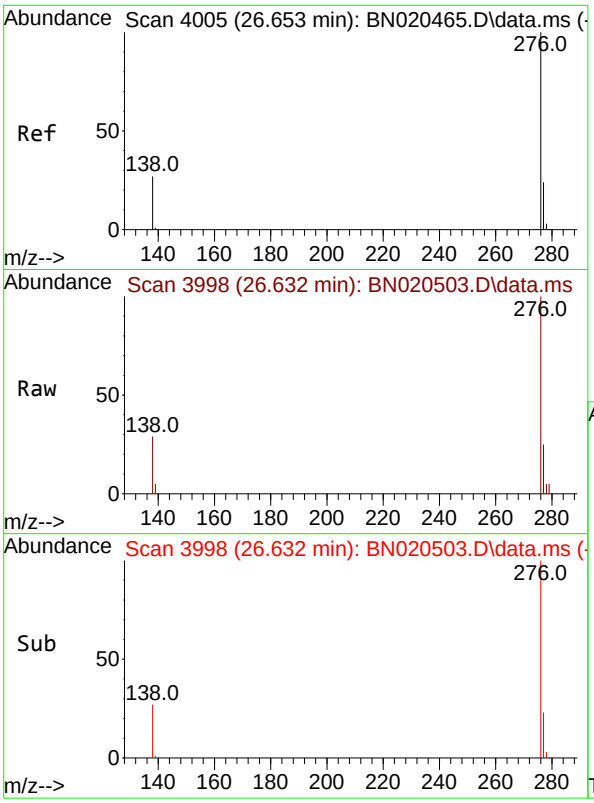


#40
Dibenzo(a,h)anthracene
Concen: 0.297 ng
RT: 25.933 min Scan# 3759
Delta R.T. -0.015 min
Lab File: BN020503.D
Acq: 27 Jun 2022 17:31

Tgt Ion:278 Resp: 7807

Ion	Ratio	Lower	Upper
278	100		
139	24.5	18.6	28.0
279	27.8	19.7	29.5





#41
Benzo(g,h,i)perylene
Concen: 0.296 ng
RT: 26.632 min Scan# 3
Delta R.T. -0.021 min
Lab File: BN020503.D
Acq: 27 Jun 2022 17:31

Instrument :
BNA_N
ClientSampleId :
PB145588BS

Tgt Ion:276 Resp: 8504

Ion	Ratio	Lower	Upper
276	100		
277	25.1	19.5	29.3
138	29.4	22.6	34.0