Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061422\
Data File : BN020152.D
Acq On : 14 Jun 2022 11:30
Operator : CG/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: Jun 14 16:00:56 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN061422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 14 15:58:25 2022
Response via : Initial Calibration

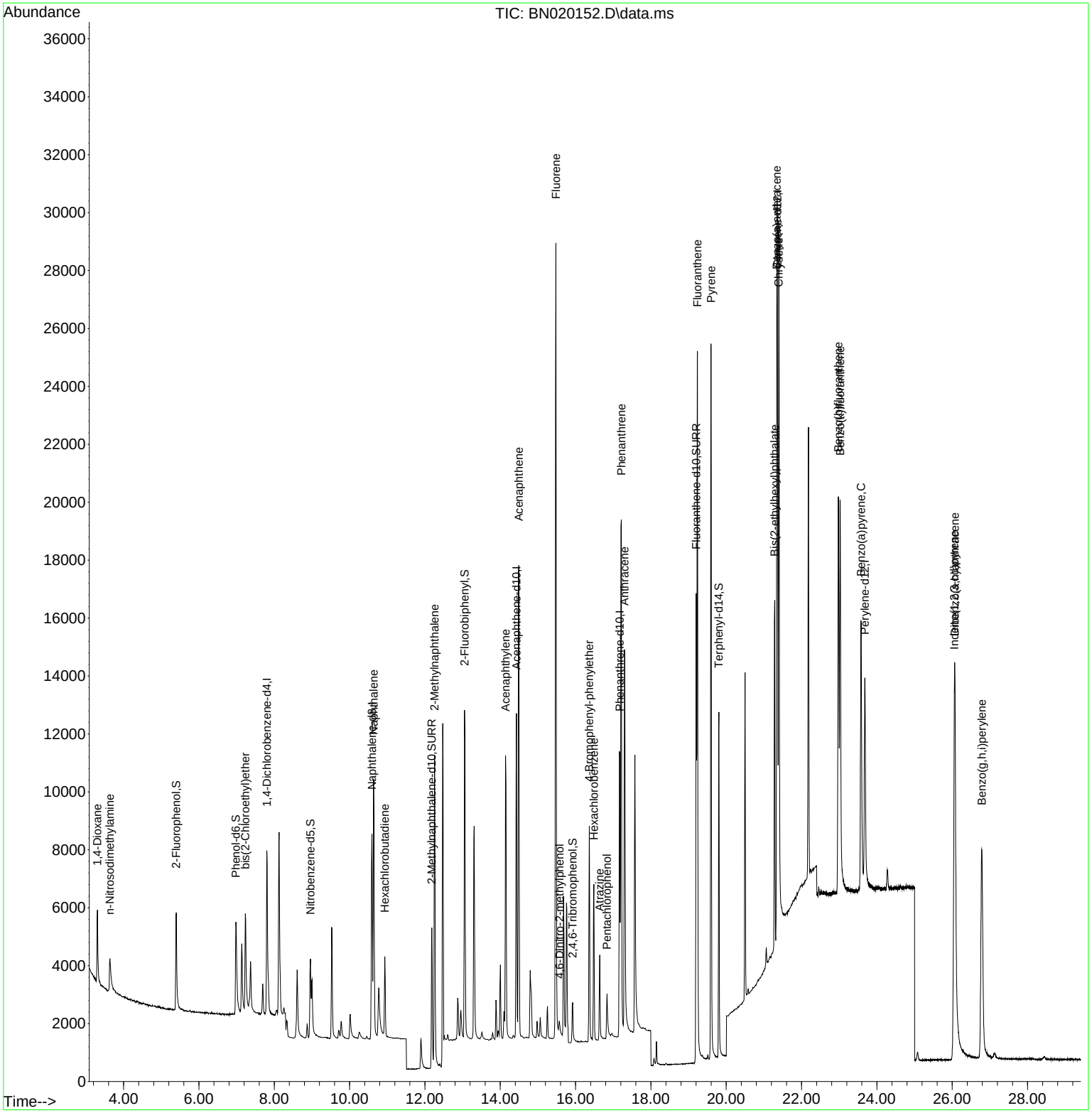
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.804	152	3206	0.400	ng		0.00
7) Naphthalene-d8	10.594	136	10328	0.400	ng		0.00
13) Acenaphthene-d10	14.431	164	6863	0.400	ng		0.00
19) Phenanthrene-d10	17.174	188	15680	0.400	ng		0.00
29) Chrysene-d12	21.359	240	13828	0.400	ng		0.00
35) Perylene-d12	23.679	264	11653	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.399	112	3589	0.407	ng		0.00
5) Phenol-d6	6.980	99	3944	0.392	ng		0.00
8) Nitrobenzene-d5	8.961	82	2868	0.386	ng		0.00
11) 2-Methylnaphthalene-d10	12.181	152	7612	0.413	ng		0.00
14) 2,4,6-Tribromophenol	15.923	330	944	0.361	ng		0.00
15) 2-Fluorobiphenyl	13.052	172	11381	0.411	ng		0.00
27) Fluoranthene-d10	19.202	212	19443	0.399	ng		0.00
31) Terphenyl-d14	19.805	244	14028	0.418	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.304	88	1673	0.443	ng		93
3) n-Nitrosodimethylamine	3.636	42	1310	0.370	ng		84
6) bis(2-Chloroethyl)ether	7.233	93	3412	0.390	ng		97
9) Naphthalene	10.637	128	12812	0.411	ng		99
10) Hexachlorobutadiene	10.936	225	2263	0.410	ng	#	99
12) 2-Methylnaphthalene	12.257	142	8853	0.411	ng		99
16) Acenaphthylene	14.142	152	12475	0.385	ng		99
17) Acenaphthene	14.495	154	9318	0.410	ng		97
18) Fluorene	15.479	166	12734	0.417	ng		100
20) 4,6-Dinitro-2-methylph...	15.575	198	529	0.375	ng	#	65
21) 4-Bromophenyl-phenylether	16.364	248	3638	0.396	ng		97
22) Hexachlorobenzene	16.487	284	4039	0.400	ng		98
23) Atrazine	16.641	200	2509	0.374	ng		97
24) Pentachlorophenol	16.836	266	1193	0.335	ng		98
25) Phenanthrene	17.215	178	21513	0.401	ng		100
26) Anthracene	17.297	178	17850	0.390	ng		100
28) Fluoranthene	19.236	202	23913	0.396	ng		99
30) Pyrene	19.598	202	24899	0.417	ng		100
32) Benzo(a)anthracene	21.342	228	20249	0.392	ng		98
33) Chrysene	21.395	228	22942	0.413	ng		98
34) Bis(2-ethylhexyl)phtha...	21.288	149	12395	0.405	ng	#	100
36) Indeno(1,2,3-cd)pyrene	26.056	276	20072	0.409	ng		100
37) Benzo(b)fluoranthene	22.977	252	18960	0.400	ng	#	86
38) Benzo(k)fluoranthene	23.024	252	19741	0.412	ng	#	86
39) Benzo(a)pyrene	23.580	252	16357	0.411	ng	#	79
40) Dibenzo(a,h)anthracene	26.074	278	16233	0.412	ng	#	94
41) Benzo(g,h,i)perylene	26.784	276	17844	0.414	ng		98

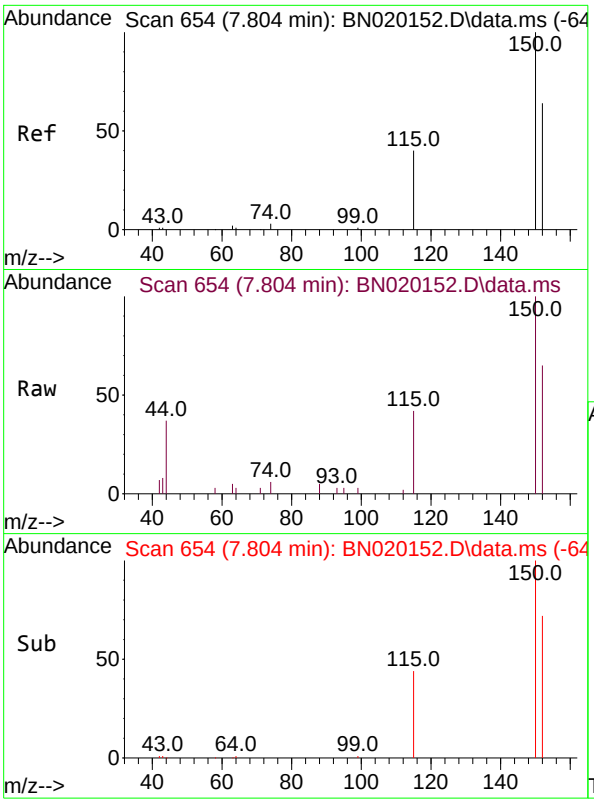
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061422\
Data File : BN020152.D
Acq On : 14 Jun 2022 11:30
Operator : CG/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: Jun 14 16:00:56 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN061422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 14 15:58:25 2022
Response via : Initial Calibration



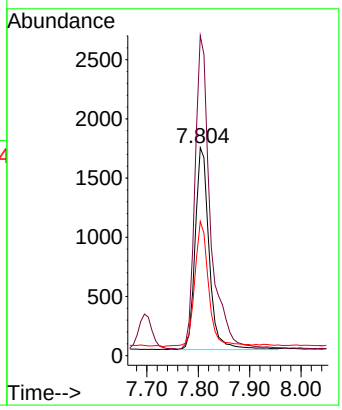


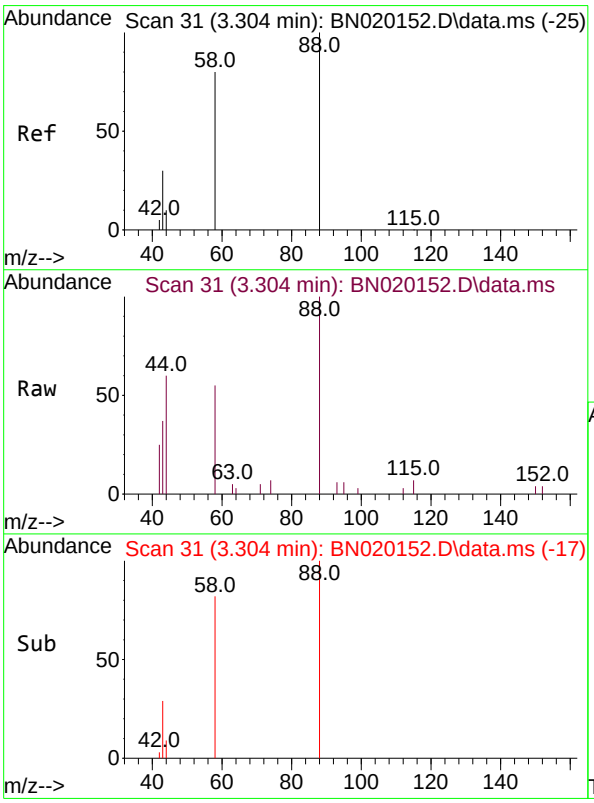
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.804 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN020152.D
Acq: 14 Jun 2022 11:30

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 3206

Ion	Ratio	Lower	Upper
152	100		
150	153.9	127.9	191.9
115	64.5	51.4	77.2

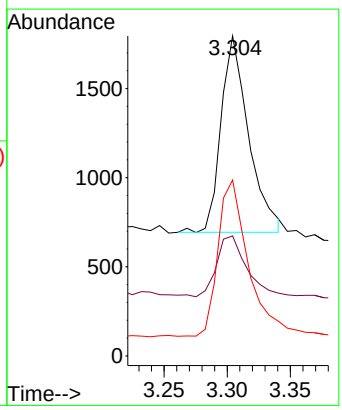


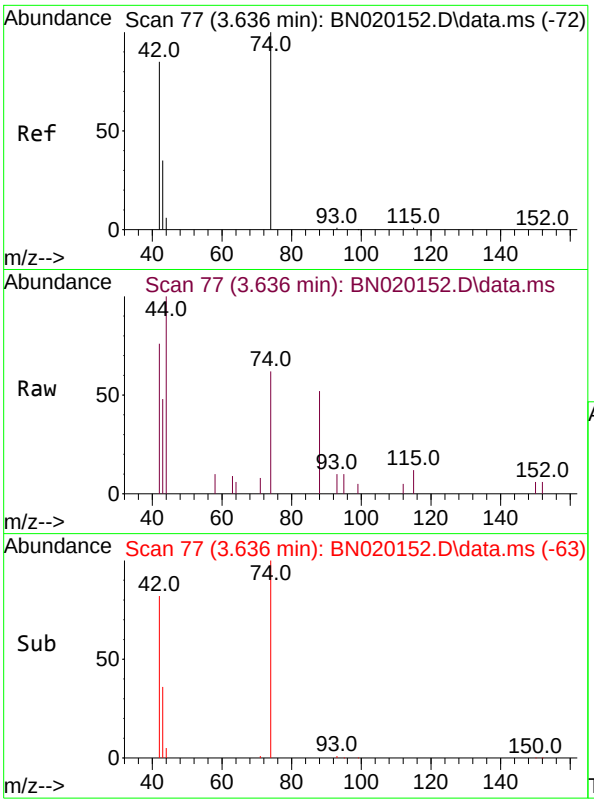


#2
1,4-Dioxane
Concen: 0.443 ng
RT: 3.304 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN020152.D
Acq: 14 Jun 2022 11:30

Tgt Ion: 88 Resp: 1673

Ion	Ratio	Lower	Upper
88	100		
43	31.2	30.2	45.2
58	85.8	73.0	109.6



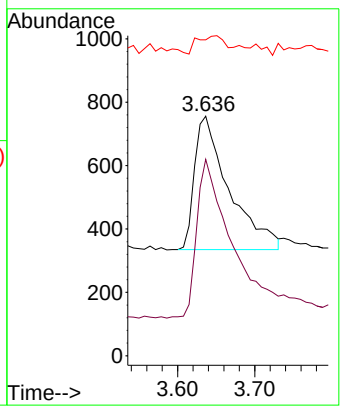


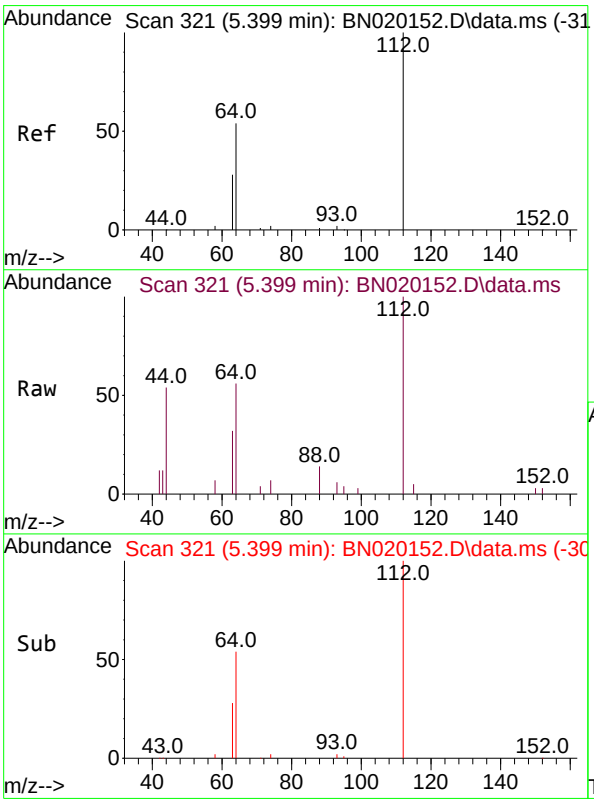
#3
n-Nitrosodimethylamine
Concen: 0.370 ng
RT: 3.636 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN020152.D
Acq: 14 Jun 2022 11:30

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 42 Resp: 1310

Ion	Ratio	Lower	Upper
42	100		
74	122.7	84.0	126.0
44	11.3	9.8	14.8

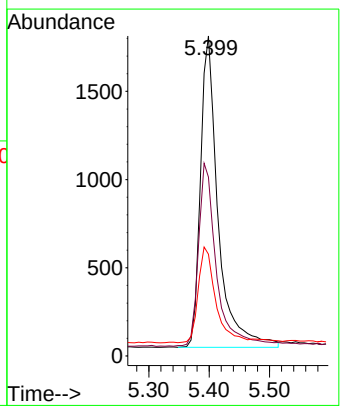


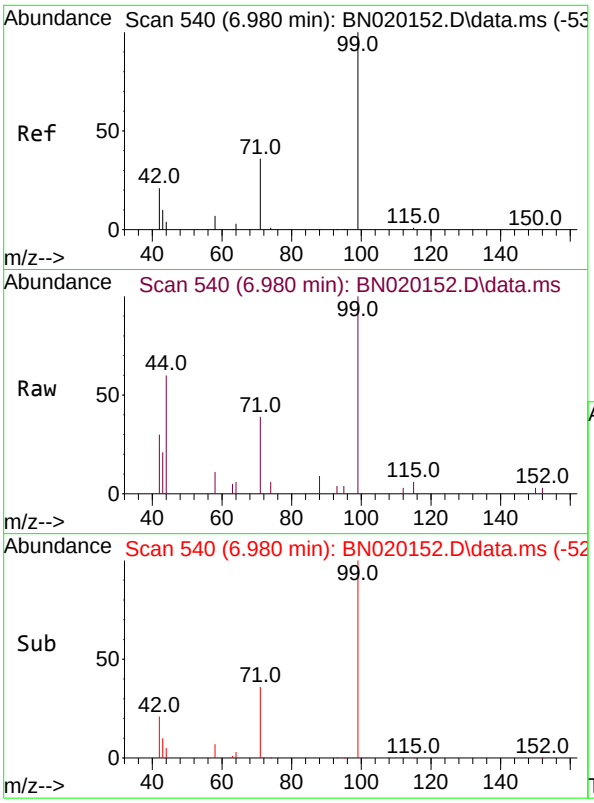


#4
2-Fluorophenol
Concen: 0.407 ng
RT: 5.399 min Scan# 321
Delta R.T. 0.000 min
Lab File: BN020152.D
Acq: 14 Jun 2022 11:30

Tgt Ion:112 Resp: 3589

Ion	Ratio	Lower	Upper
112	100		
64	60.0	49.1	73.7
63	30.4	26.3	39.5



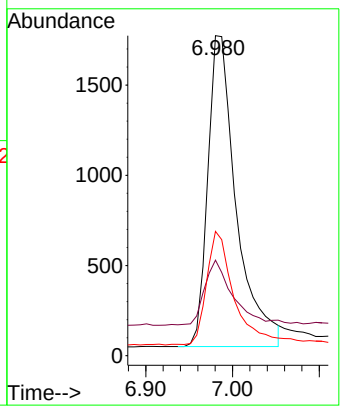


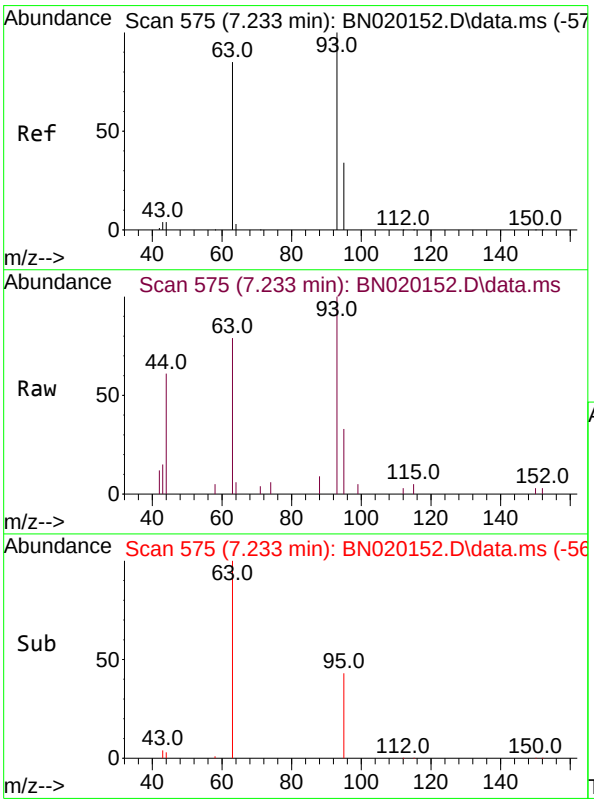
#5
Phenol-d6
Concen: 0.392 ng
RT: 6.980 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN020152.D
Acq: 14 Jun 2022 11:30

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 99 Resp: 3944

Ion	Ratio	Lower	Upper
99	100		
42	20.6	19.3	28.9
71	34.9	27.5	41.3

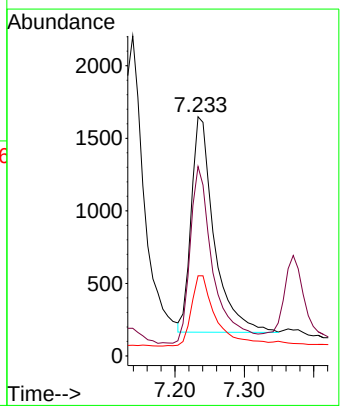


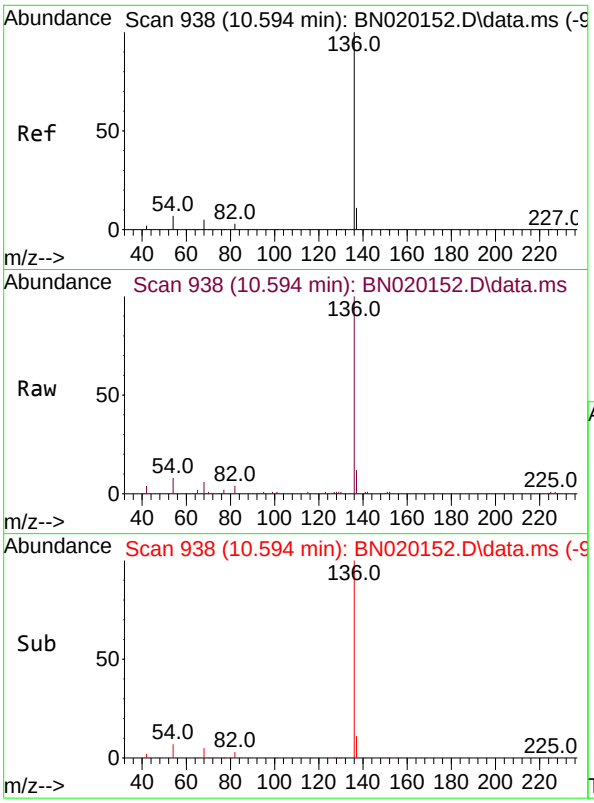


#6
bis(2-Chloroethyl)ether
Concen: 0.390 ng
RT: 7.233 min Scan# 575
Delta R.T. 0.000 min
Lab File: BN020152.D
Acq: 14 Jun 2022 11:30

Tgt Ion: 93 Resp: 3412

Ion	Ratio	Lower	Upper
93	100		
63	81.8	67.4	101.0
95	35.1	26.5	39.7



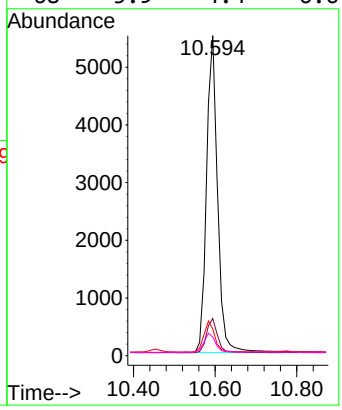


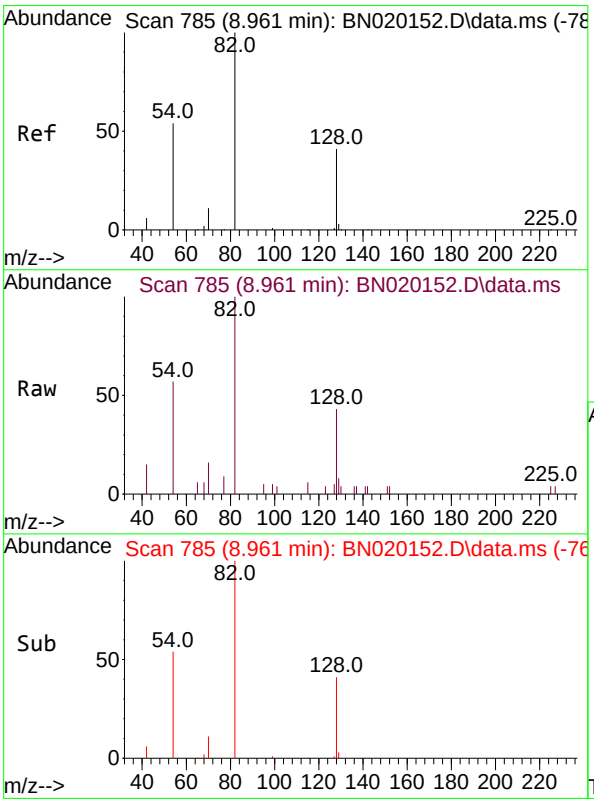
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.594 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN020152.D
Acq: 14 Jun 2022 11:30

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:136 Resp: 10328

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.6
54	8.3	6.2	9.2
68	5.9	4.4	6.6

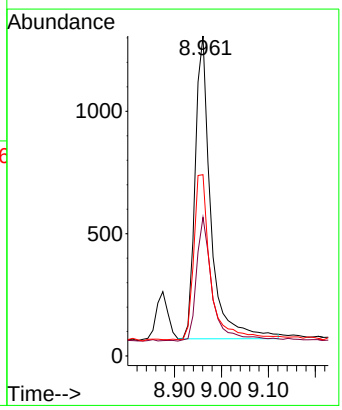


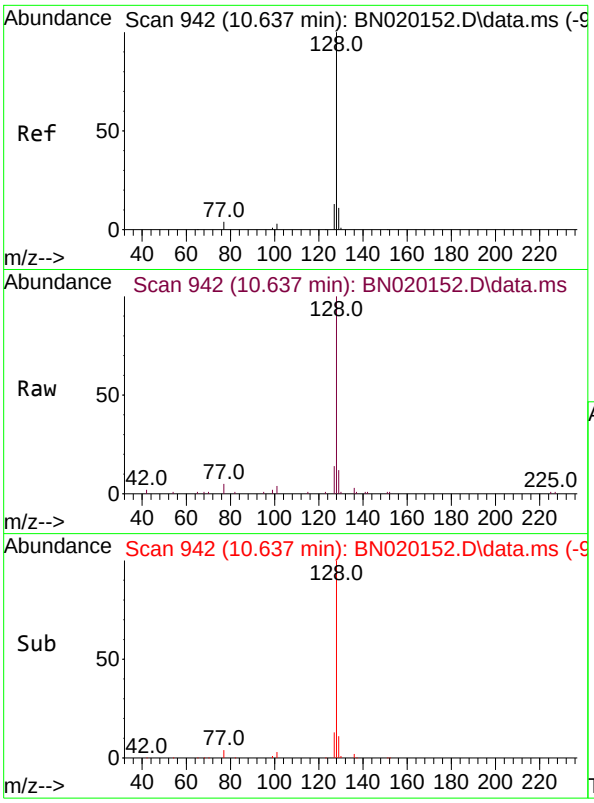


#8
Nitrobenzene-d5
Concen: 0.386 ng
RT: 8.961 min Scan# 785
Delta R.T. 0.000 min
Lab File: BN020152.D
Acq: 14 Jun 2022 11:30

Tgt Ion: 82 Resp: 2868

Ion	Ratio	Lower	Upper
82	100		
128	43.3	35.0	52.6
54	56.7	46.2	69.4



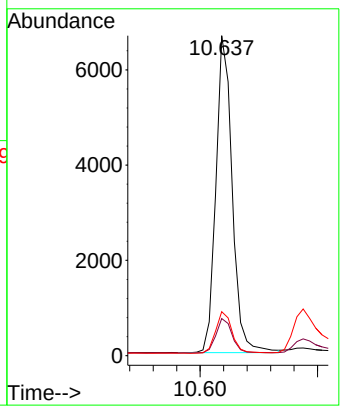


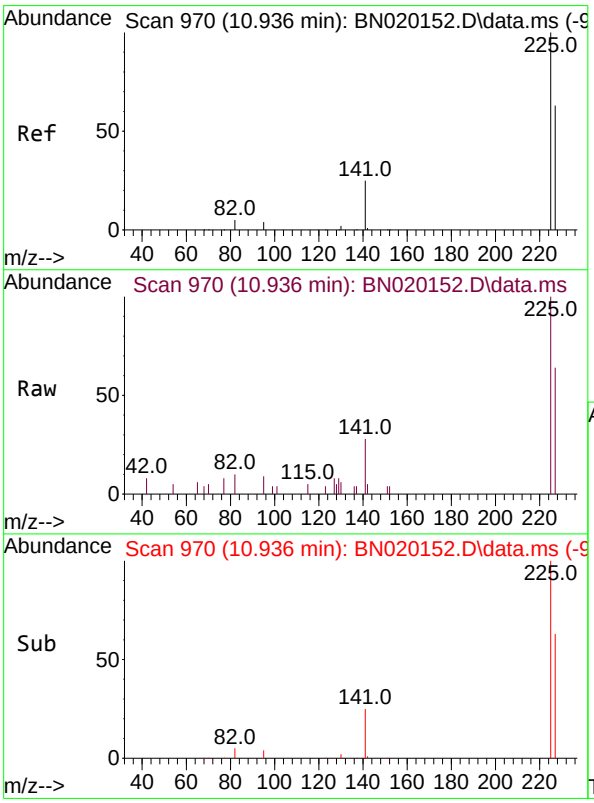
#9
Naphthalene
Concen: 0.411 ng
RT: 10.637 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN020152.D
Acq: 14 Jun 2022 11:30

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:128 Resp: 12812

Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.9	13.3
127	13.8	10.8	16.2

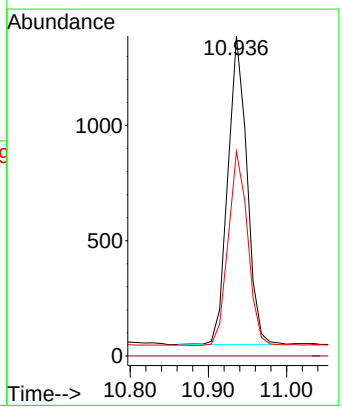


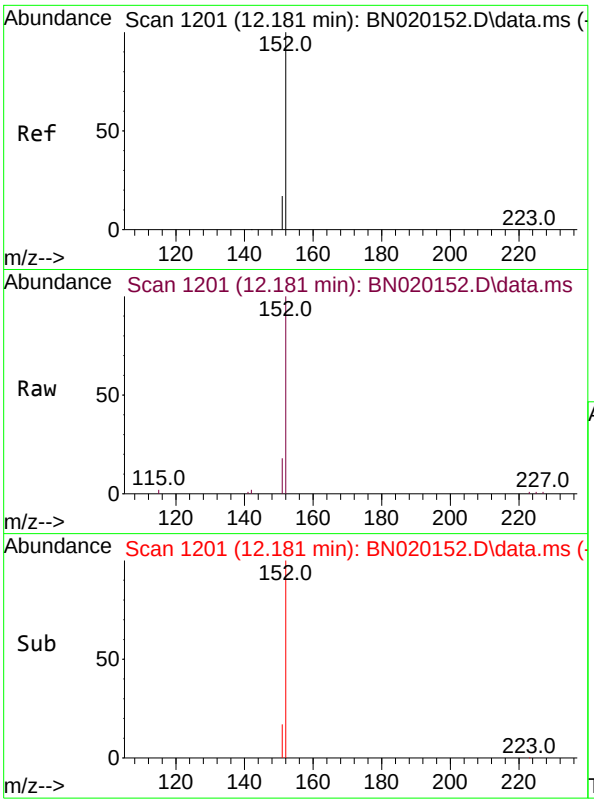


#10
Hexachlorobutadiene
Concen: 0.410 ng
RT: 10.936 min Scan# 970
Delta R.T. 0.000 min
Lab File: BN020152.D
Acq: 14 Jun 2022 11:30

Tgt Ion:225 Resp: 2263

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.4	50.9	76.3



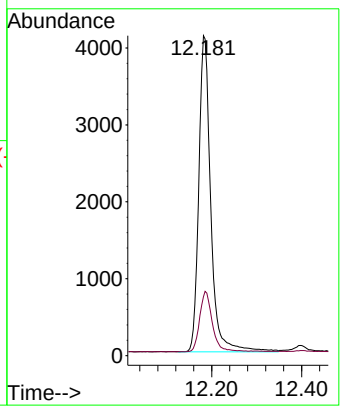


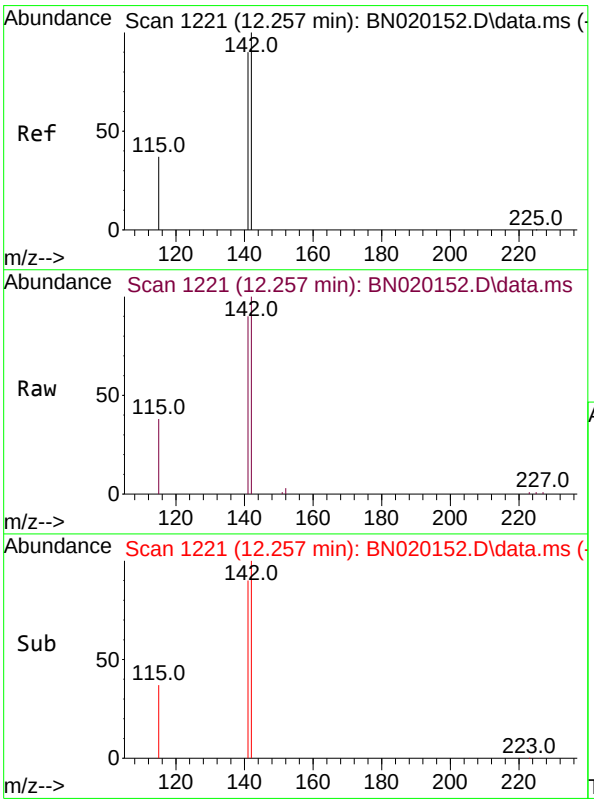
#11
2-Methylnaphthalene-d10
Concen: 0.413 ng
RT: 12.181 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN020152.D
Acq: 14 Jun 2022 11:30

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 7612

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.4

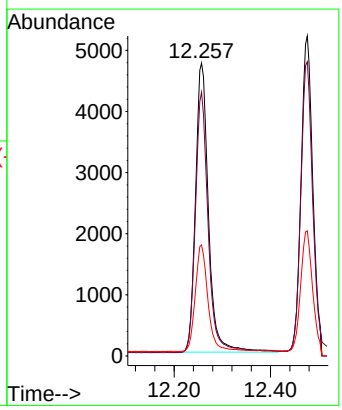


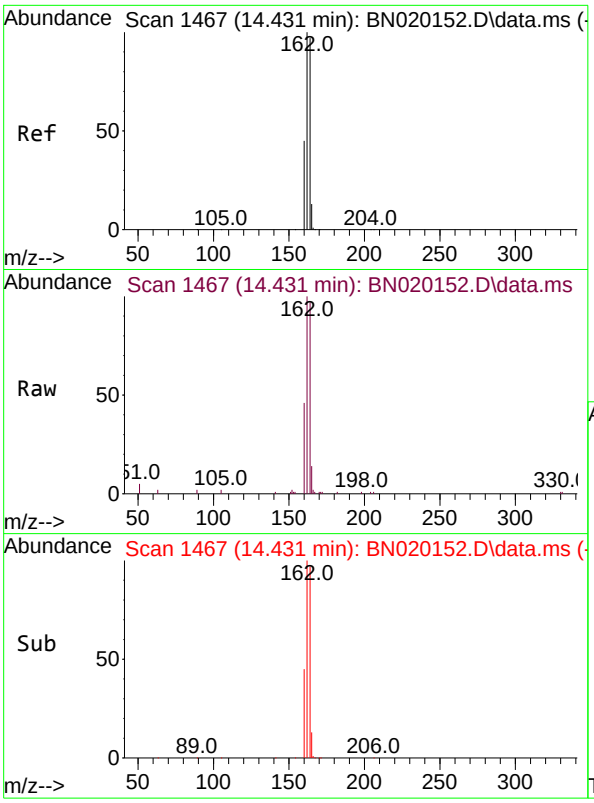


#12
2-Methylnaphthalene
Concen: 0.411 ng
RT: 12.257 min Scan# 1221
Delta R.T. 0.000 min
Lab File: BN020152.D
Acq: 14 Jun 2022 11:30

Tgt Ion:142 Resp: 8853

Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.6	107.4
115	37.9	29.8	44.8



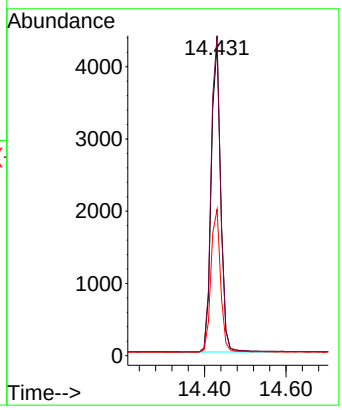


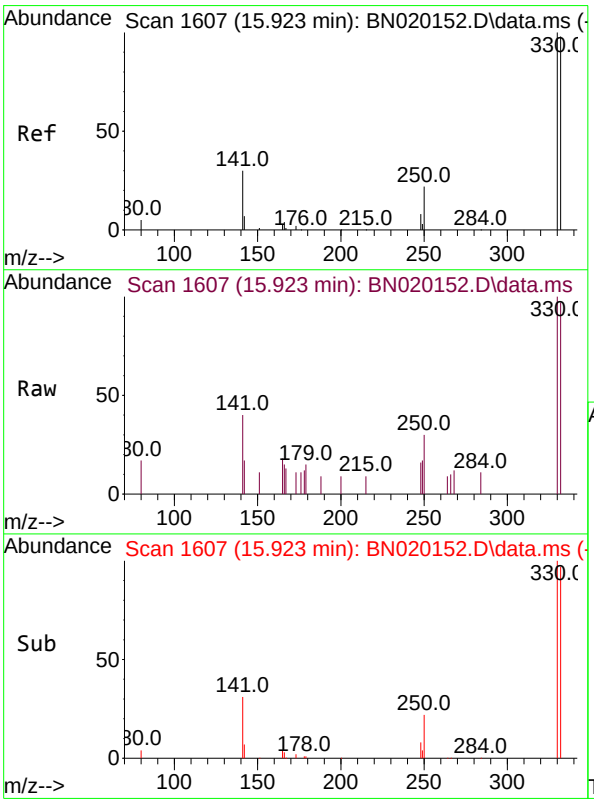
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.431 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN020152.D
Acq: 14 Jun 2022 11:30

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:164 Resp: 6863

Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.1	123.1
160	47.0	38.6	58.0

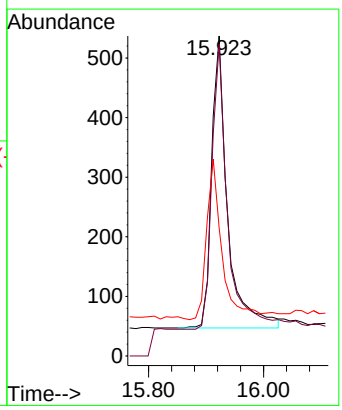


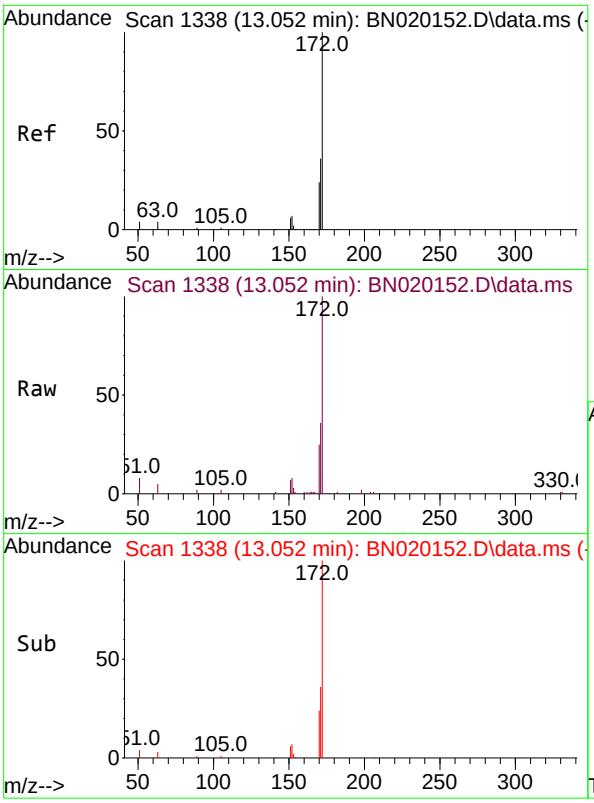


#14
2,4,6-Tribromophenol
Concen: 0.361 ng
RT: 15.923 min Scan# 1607
Delta R.T. 0.000 min
Lab File: BN020152.D
Acq: 14 Jun 2022 11:30

Tgt Ion:330 Resp: 944

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.6	116.4
141	53.8	41.0	61.4



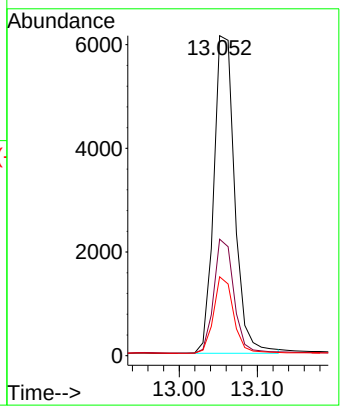


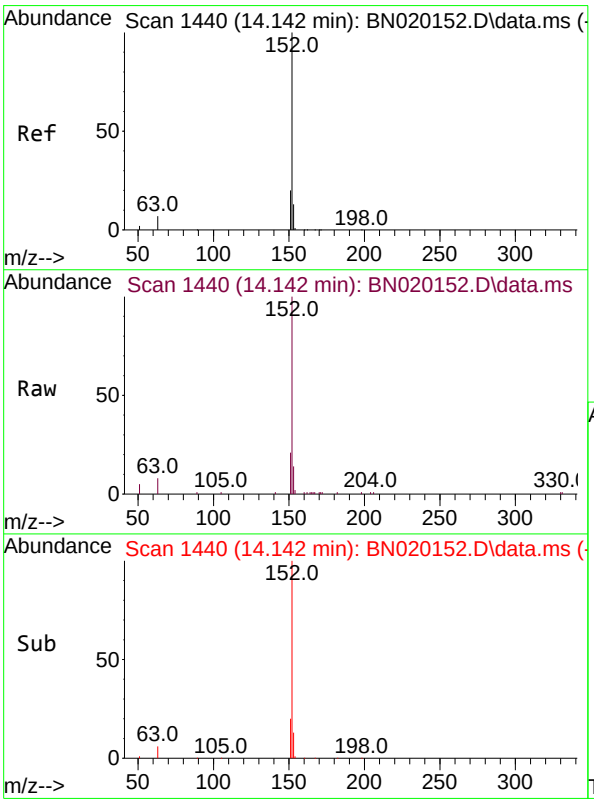
#15
2-Fluorobiphenyl
Concen: 0.411 ng
RT: 13.052 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN020152.D
Acq: 14 Jun 2022 11:30

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:172 Resp: 11381

Ion	Ratio	Lower	Upper
172	100		
171	36.4	27.2	40.8
170	24.7	18.2	27.4

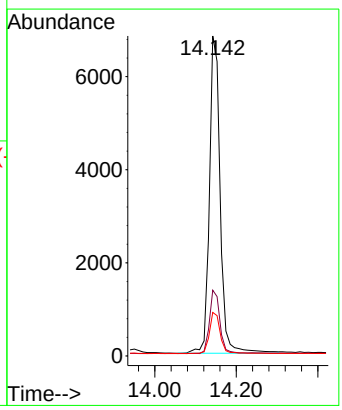


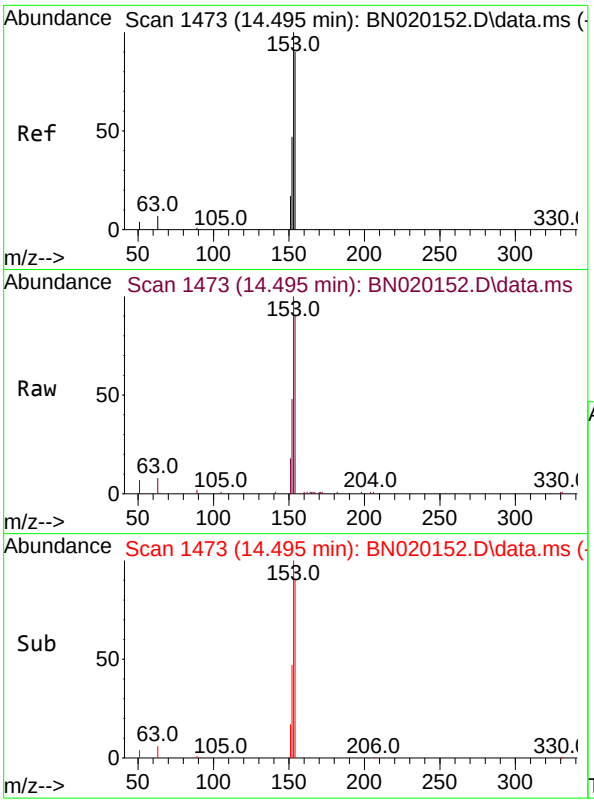


#16
Acenaphthylene
Concen: 0.385 ng
RT: 14.142 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BN020152.D
Acq: 14 Jun 2022 11:30

Tgt Ion:152 Resp: 12475

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.2	24.4
153	13.0	10.7	16.1



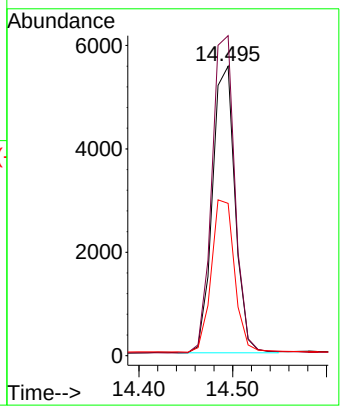


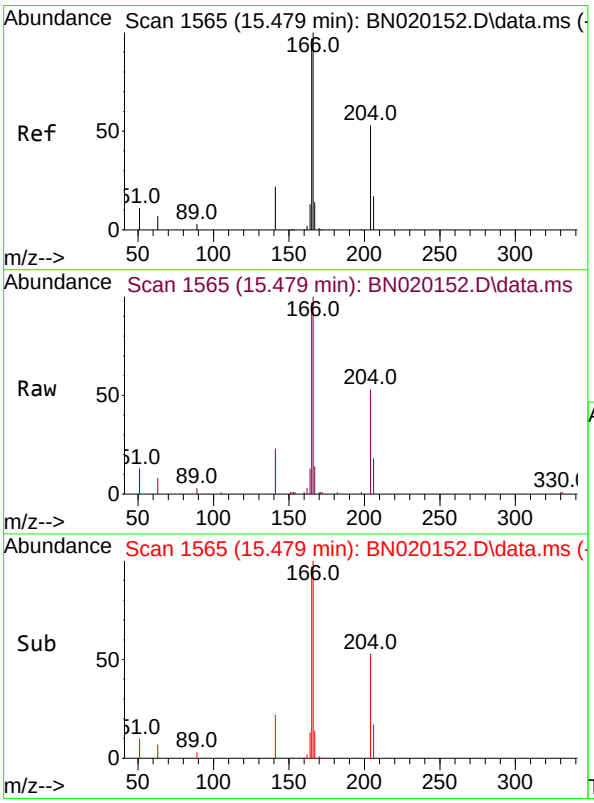
#17
Acenaphthene
Concen: 0.410 ng
RT: 14.495 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN020152.D
Acq: 14 Jun 2022 11:30

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:154 Resp: 9318

Ion	Ratio	Lower	Upper
154	100		
153	113.6	87.5	131.3
152	54.6	43.8	65.6

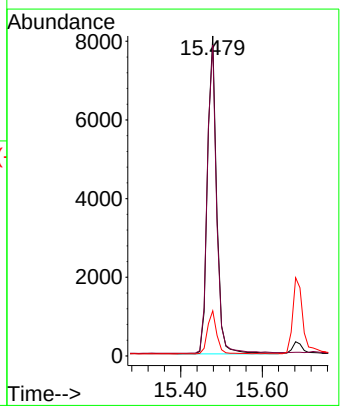


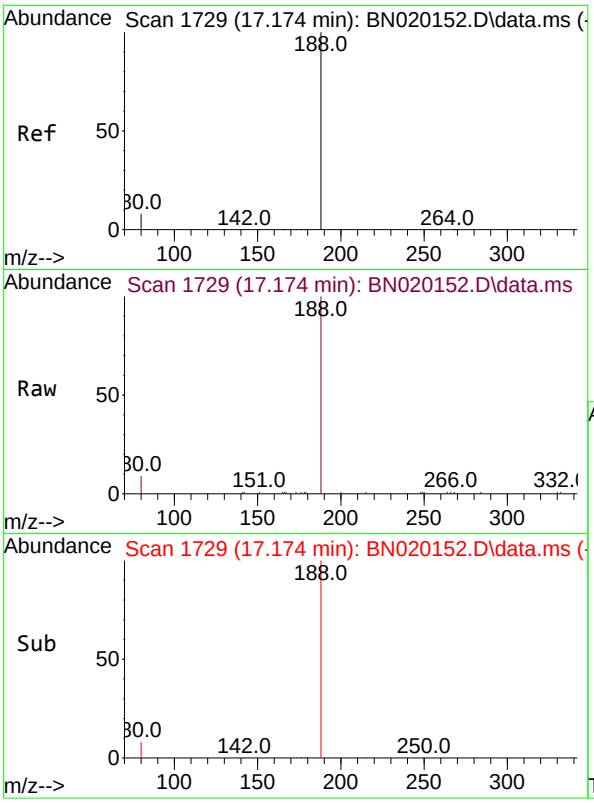


#18
Fluorene
Concen: 0.417 ng
RT: 15.479 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BN020152.D
Acq: 14 Jun 2022 11:30

Tgt Ion:166 Resp: 12734

Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.6	118.0
167	13.4	10.8	16.2



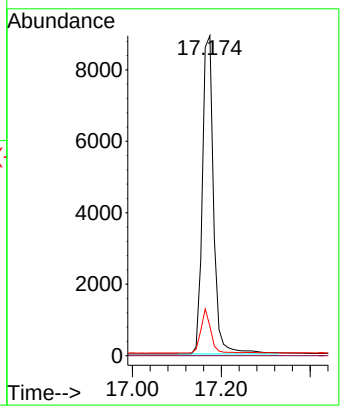


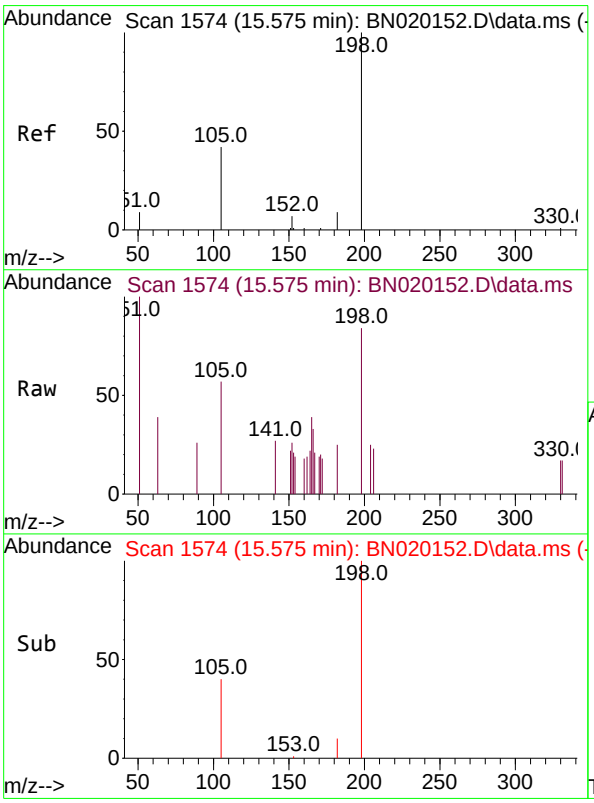
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.174 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN020152.D
Acq: 14 Jun 2022 11:30

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:188 Resp: 15680

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.2	7.4	11.2

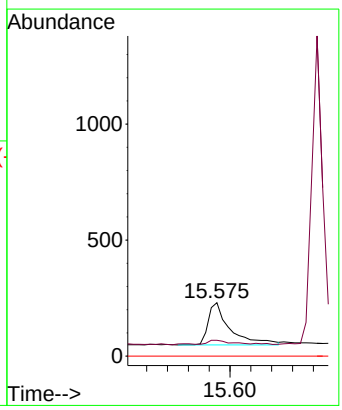


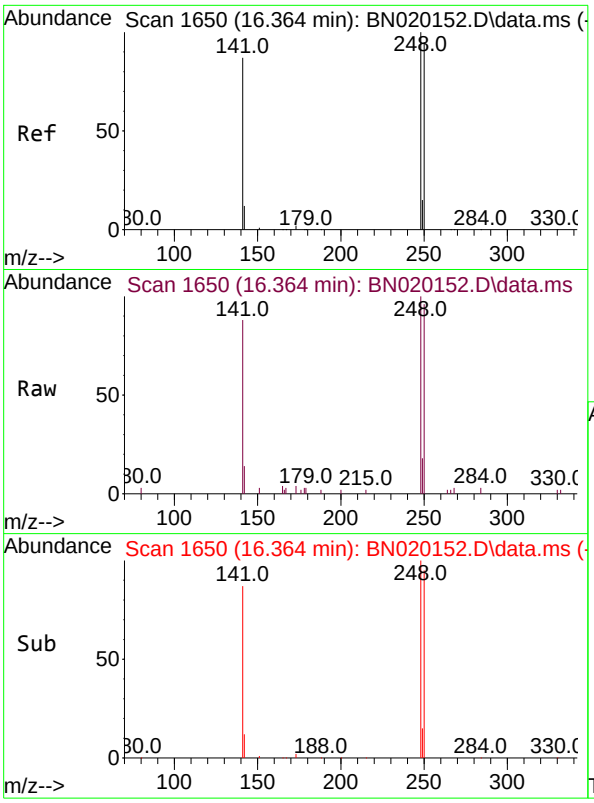


#20
4,6-Dinitro-2-methylphenol
Concen: 0.375 ng
RT: 15.575 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BN020152.D
Acq: 14 Jun 2022 11:30

Tgt Ion:198 Resp: 529

Ion	Ratio	Lower	Upper
198	100		
182	29.6	12.1	18.1#
77	0.0	0.0	0.0



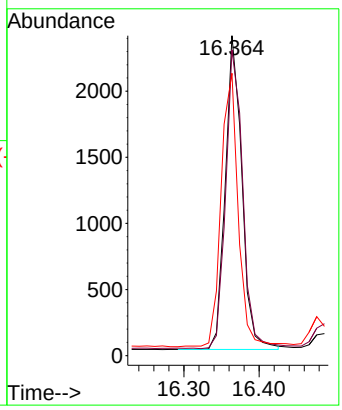


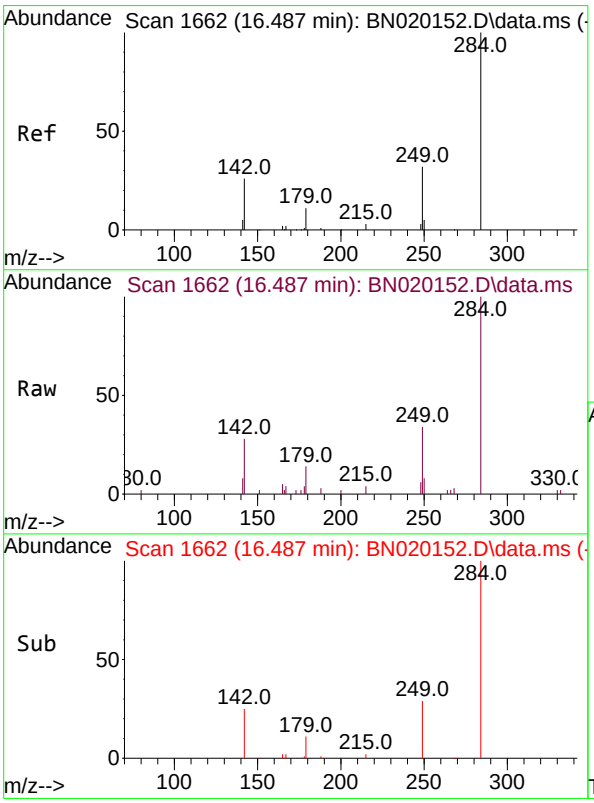
#21
4-Bromophenyl-phenylether
Concen: 0.396 ng
RT: 16.364 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN020152.D
Acq: 14 Jun 2022 11:30

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:248 Resp: 3638

Ion	Ratio	Lower	Upper
248	100		
250	95.6	75.3	112.9
141	88.3	67.3	100.9

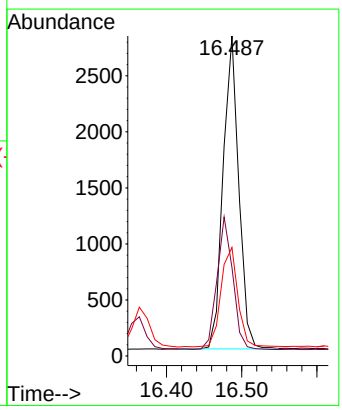


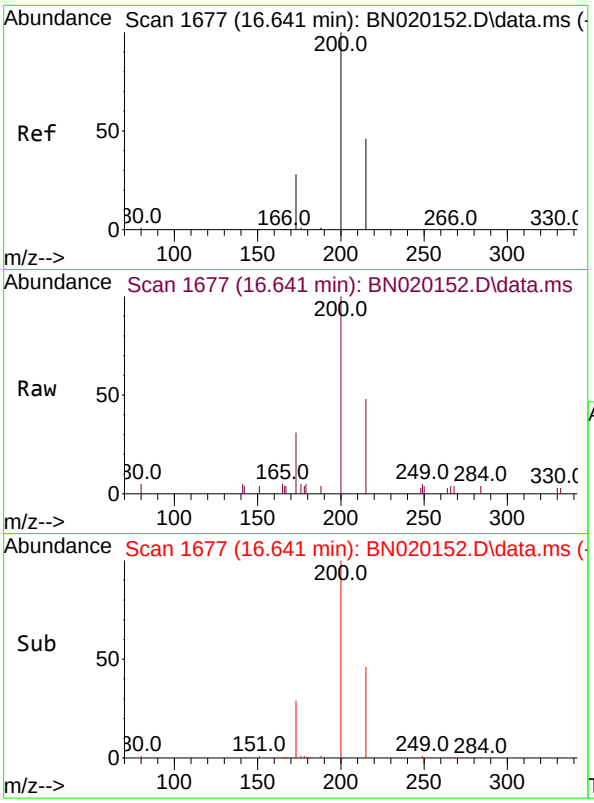


#22
Hexachlorobenzene
Concen: 0.400 ng
RT: 16.487 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BN020152.D
Acq: 14 Jun 2022 11:30

Tgt Ion:284 Resp: 4039

Ion	Ratio	Lower	Upper
284	100		
142	42.6	35.2	52.8
249	34.1	26.6	40.0



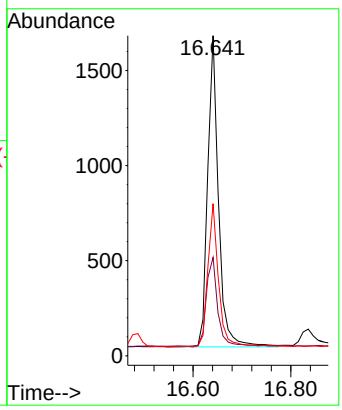


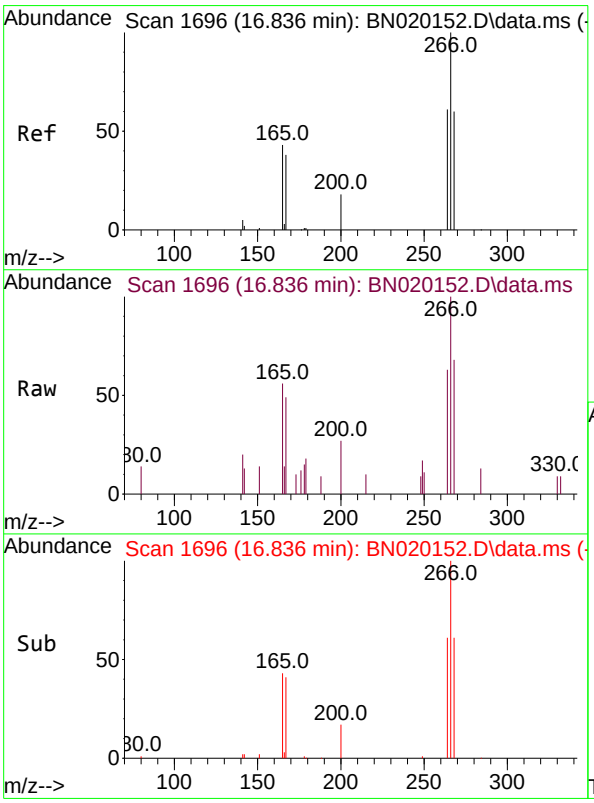
#23
Atrazine
Concen: 0.374 ng
RT: 16.641 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN020152.D
Acq: 14 Jun 2022 11:30

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:200 Resp: 2509

Ion	Ratio	Lower	Upper
200	100		
173	30.7	23.6	35.4
215	47.5	36.6	54.8

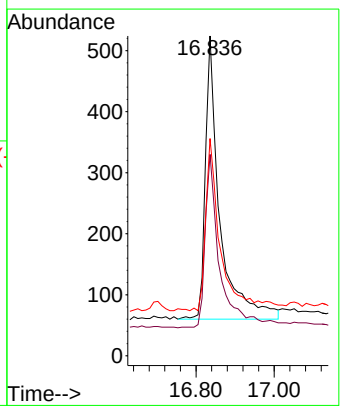


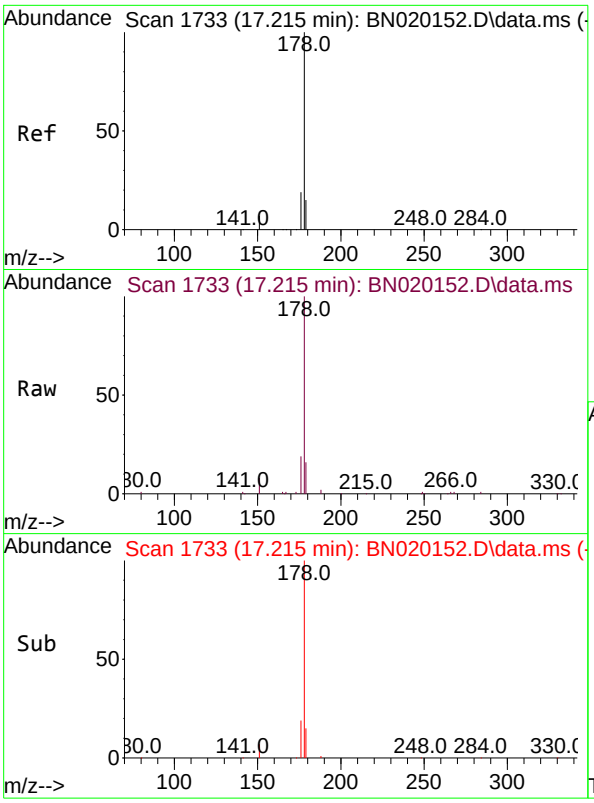


#24
Pentachlorophenol
Concen: 0.335 ng
RT: 16.836 min Scan# 1696
Delta R.T. -0.000 min
Lab File: BN020152.D
Acq: 14 Jun 2022 11:30

Tgt Ion:266 Resp: 1193

Ion	Ratio	Lower	Upper
266	100		
264	63.6	51.3	76.9
268	63.5	52.6	79.0



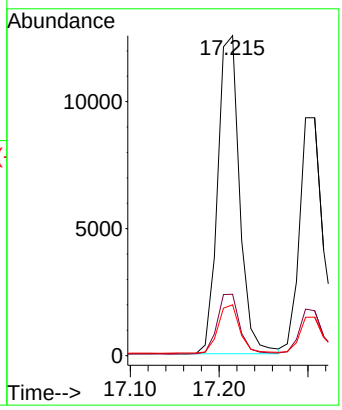


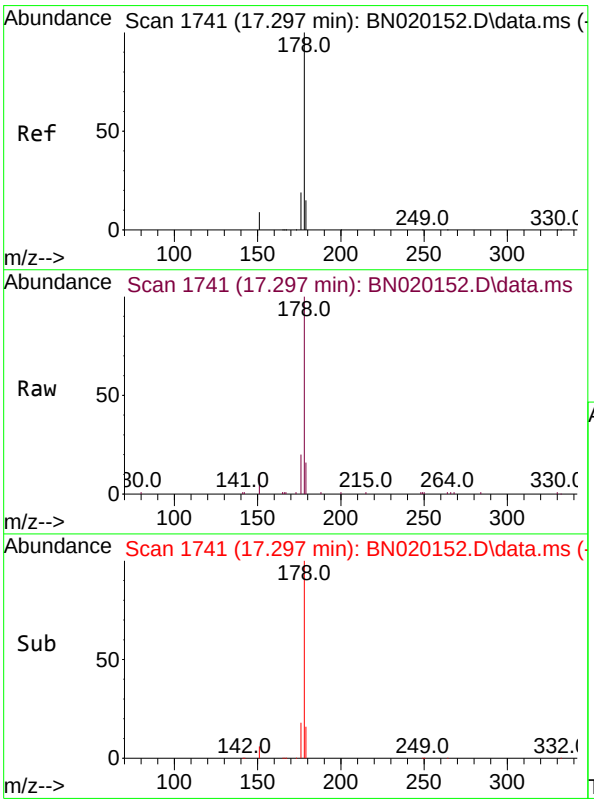
#25
Phenanthrene
Concen: 0.401 ng
RT: 17.215 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN020152.D
Acq: 14 Jun 2022 11:30

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:178 Resp: 21513

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	15.2	12.2	18.4

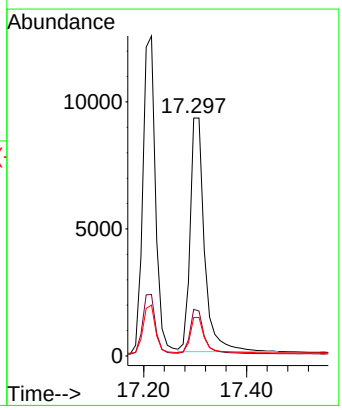


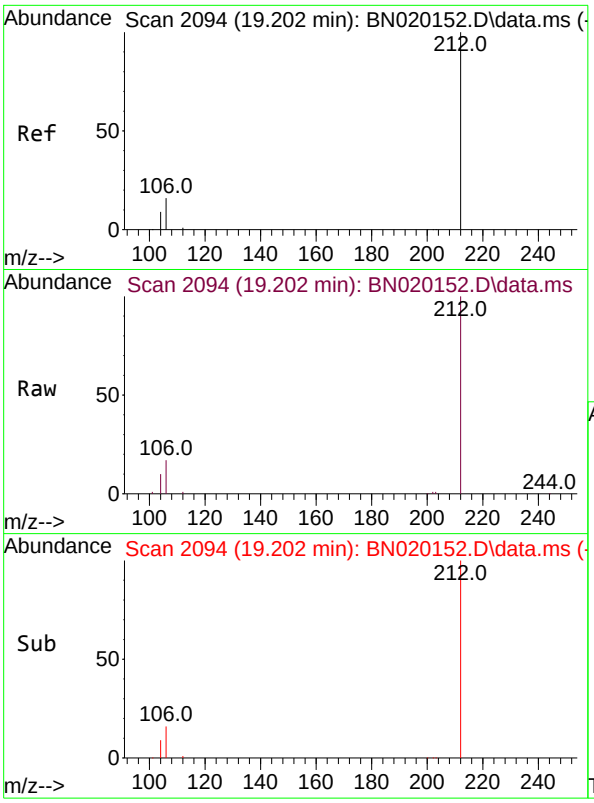


#26
Anthracene
Concen: 0.390 ng
RT: 17.297 min Scan# 1741
Delta R.T. 0.000 min
Lab File: BN020152.D
Acq: 14 Jun 2022 11:30

Tgt Ion:178 Resp: 17850

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.9	22.3
179	15.1	12.2	18.4



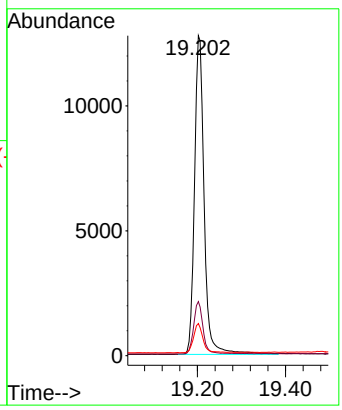


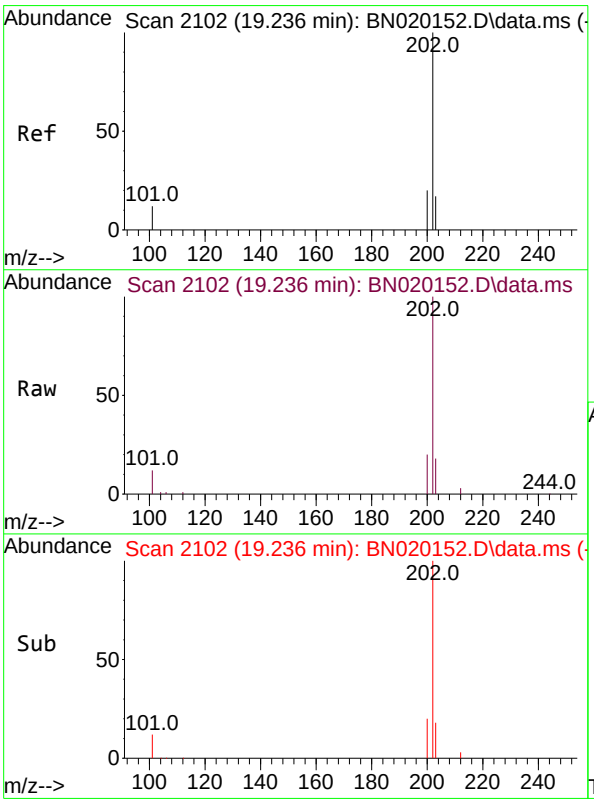
#27
Fluoranthene-d10
Concen: 0.399 ng
RT: 19.202 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN020152.D
Acq: 14 Jun 2022 11:30

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:212 Resp: 19443

Ion	Ratio	Lower	Upper
212	100		
106	16.0	12.6	19.0
104	8.9	7.2	10.8

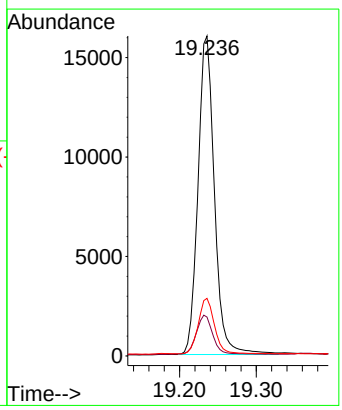


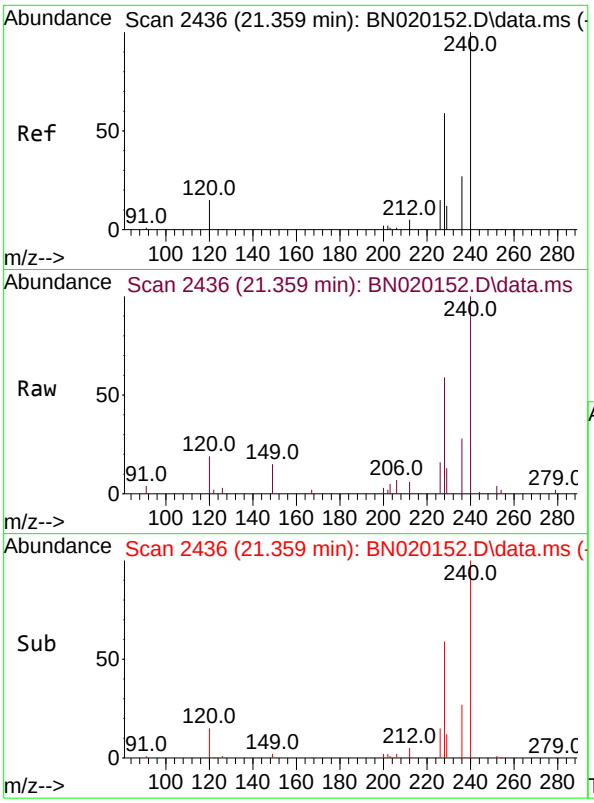


#28
Fluoranthene
Concen: 0.396 ng
RT: 19.236 min Scan# 2102
Delta R.T. 0.000 min
Lab File: BN020152.D
Acq: 14 Jun 2022 11:30

Tgt Ion:202 Resp: 23913

Ion	Ratio	Lower	Upper
202	100		
101	12.7	9.6	14.4
203	17.2	13.5	20.3



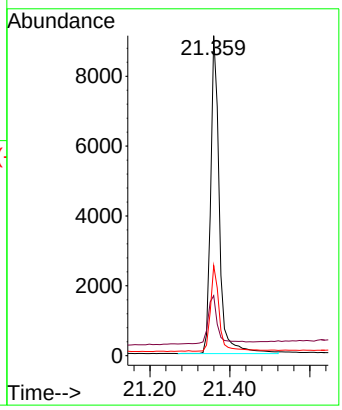


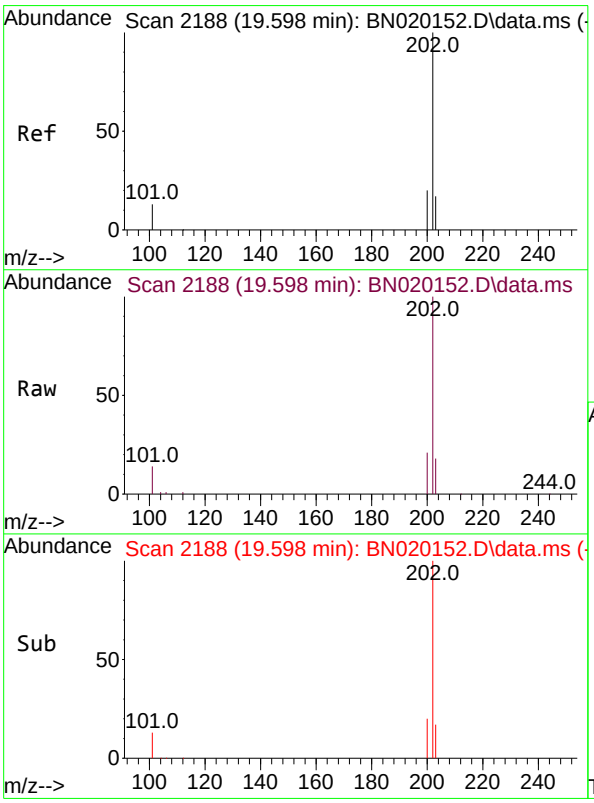
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.359 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN020152.D
Acq: 14 Jun 2022 11:30

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:240 Resp: 13828

Ion	Ratio	Lower	Upper
240	100		
120	18.7	14.6	21.8
236	28.1	22.6	33.8

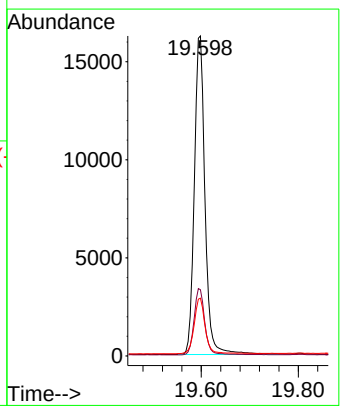


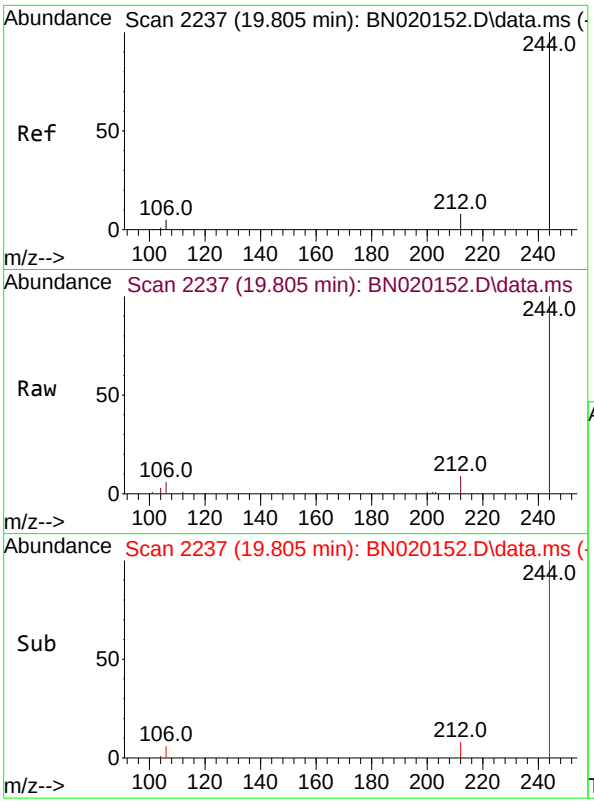


#30
Pyrene
Concen: 0.417 ng
RT: 19.598 min Scan# 2188
Delta R.T. 0.000 min
Lab File: BN020152.D
Acq: 14 Jun 2022 11:30

Tgt Ion:202 Resp: 24899

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	17.8	14.2	21.2



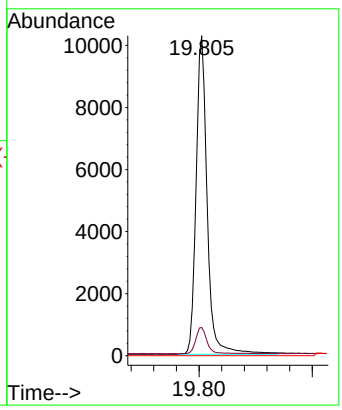


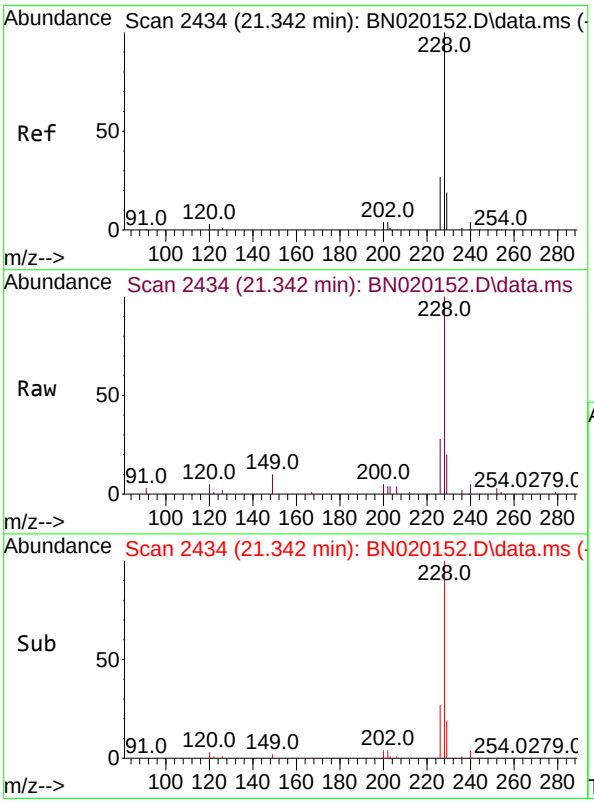
#31
Terphenyl-d14
Concen: 0.418 ng
RT: 19.805 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN020152.D
Acq: 14 Jun 2022 11:30

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:244 Resp: 14028

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.1	10.7
122	0.0	0.0	0.0

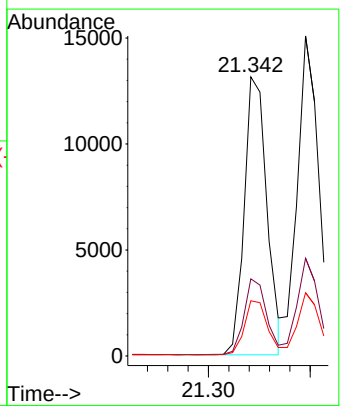


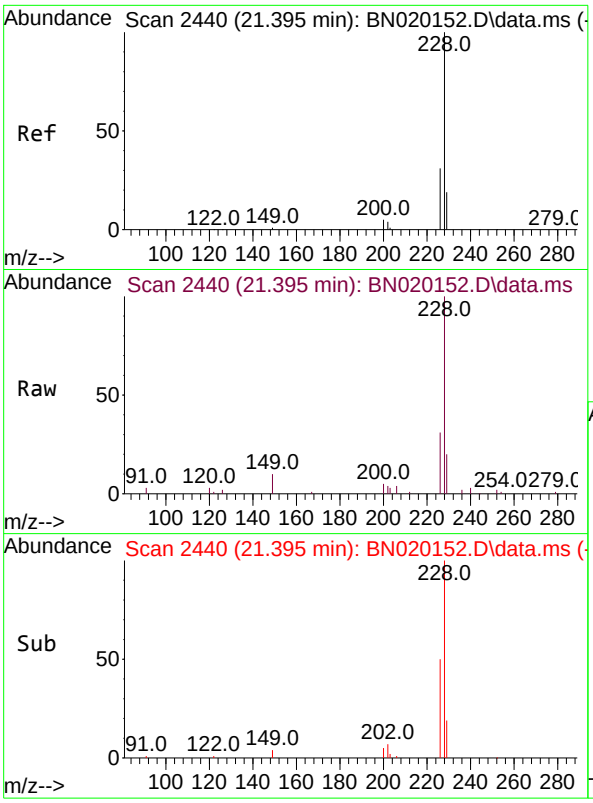


#32
Benzo(a)anthracene
Concen: 0.392 ng
RT: 21.342 min Scan# 2434
Delta R.T. 0.000 min
Lab File: BN020152.D
Acq: 14 Jun 2022 11:30

Tgt Ion:228 Resp: 20249

Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.2	31.8
229	19.8	15.6	23.4



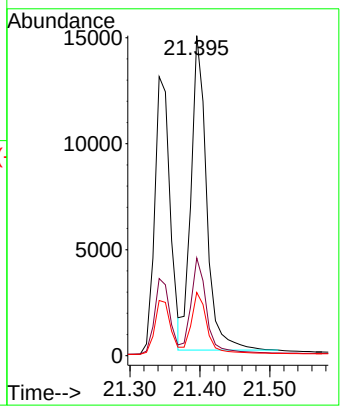


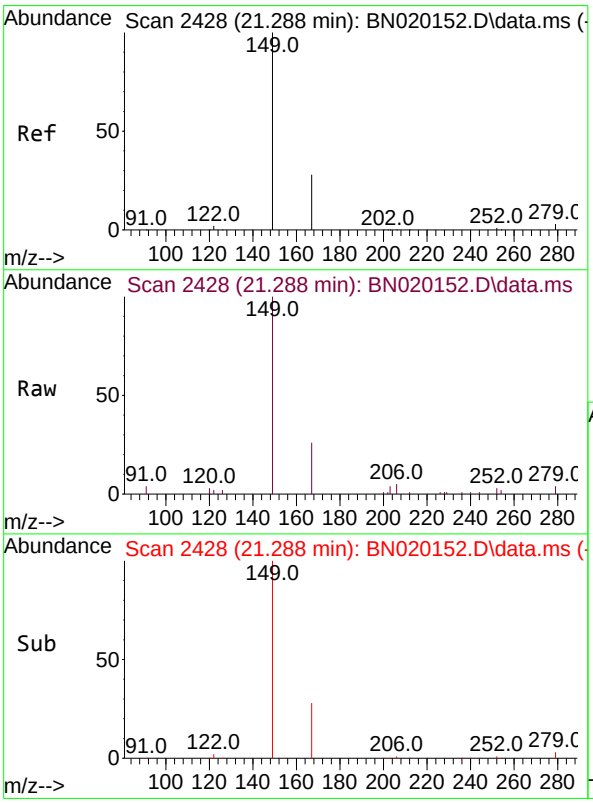
#33
Chrysene
Concen: 0.413 ng
RT: 21.395 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN020152.D
Acq: 14 Jun 2022 11:30

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:228 Resp: 22942

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.4	35.0
229	19.7	15.7	23.5

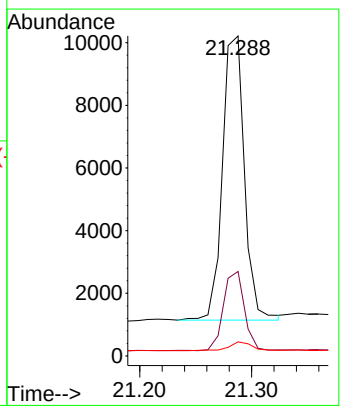


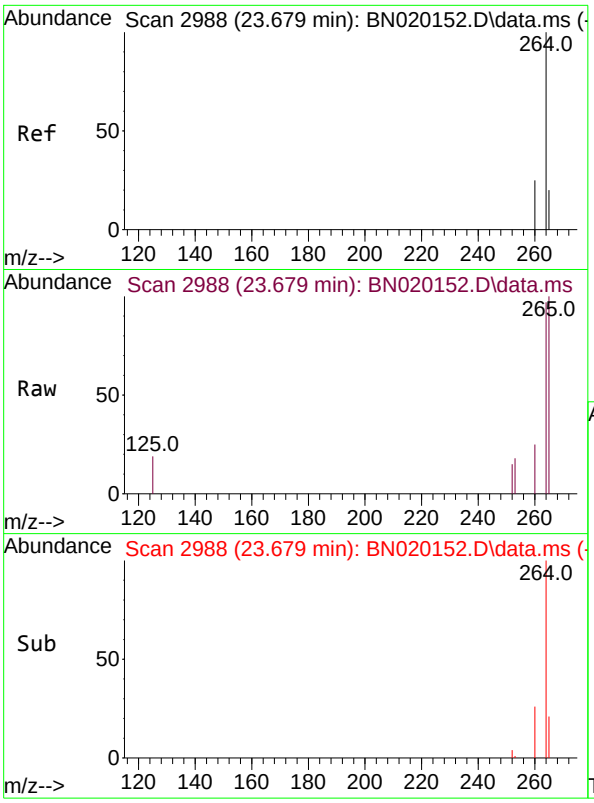


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.405 ng
RT: 21.288 min Scan# 2428
Delta R.T. 0.000 min
Lab File: BN020152.D
Acq: 14 Jun 2022 11:30

Tgt Ion:149 Resp: 12395

Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.7	32.5
279	3.3	2.2	3.2#



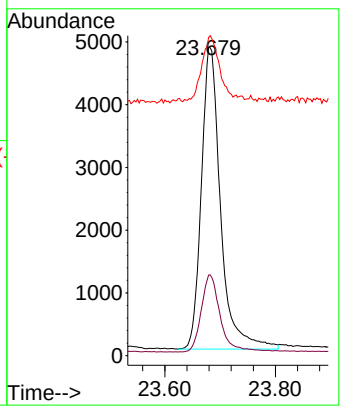


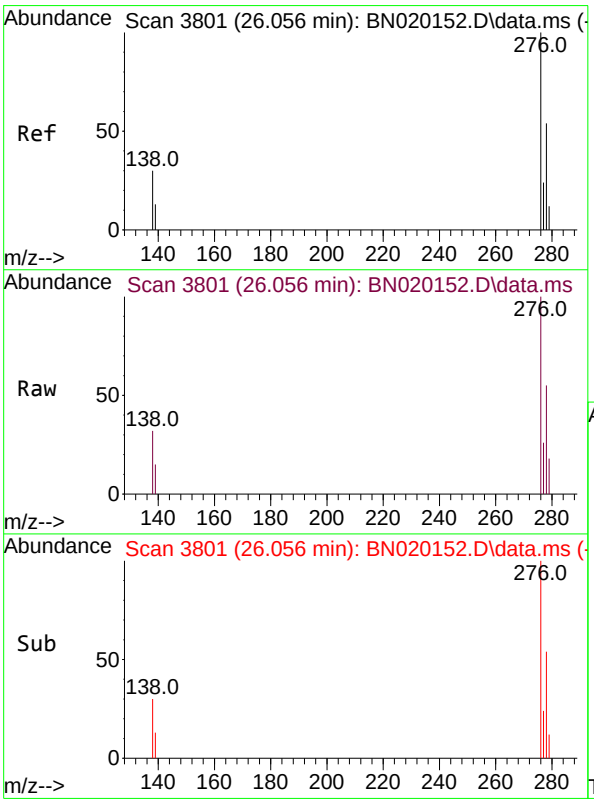
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.679 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN020152.D
Acq: 14 Jun 2022 11:30

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:264 Resp: 11653

Ion	Ratio	Lower	Upper
264	100		
260	26.2	20.9	31.3
265	103.3	28.0	42.0#

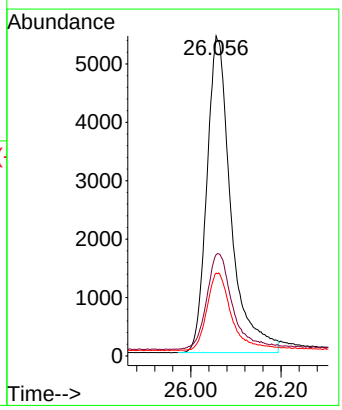


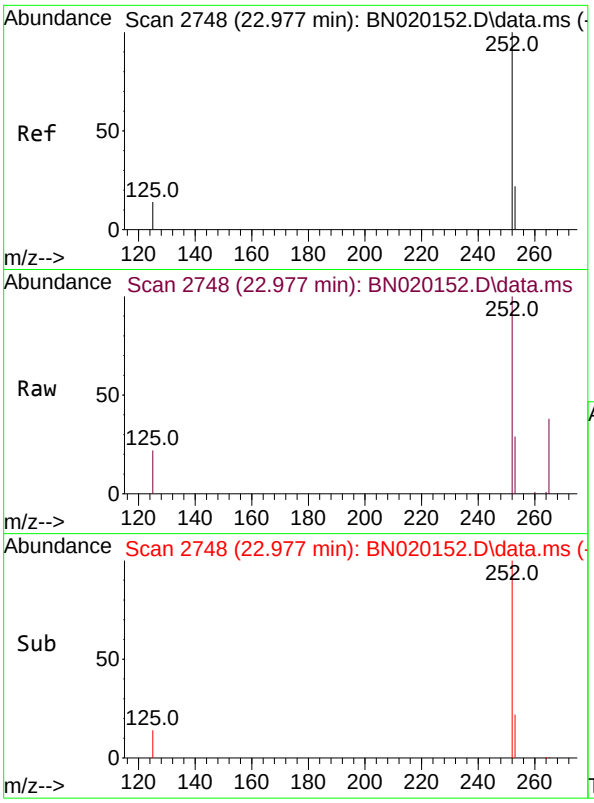


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.409 ng
RT: 26.056 min Scan# 3801
Delta R.T. 0.000 min
Lab File: BN020152.D
Acq: 14 Jun 2022 11:30

Tgt Ion:276 Resp: 20072

Ion	Ratio	Lower	Upper
276	100		
138	32.2	25.9	38.9
277	24.8	19.8	29.8



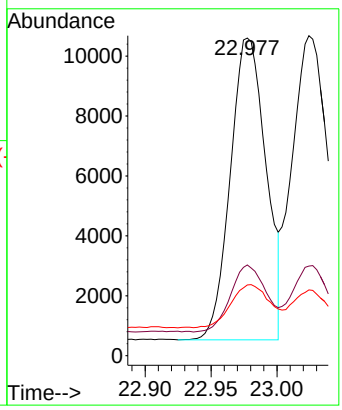


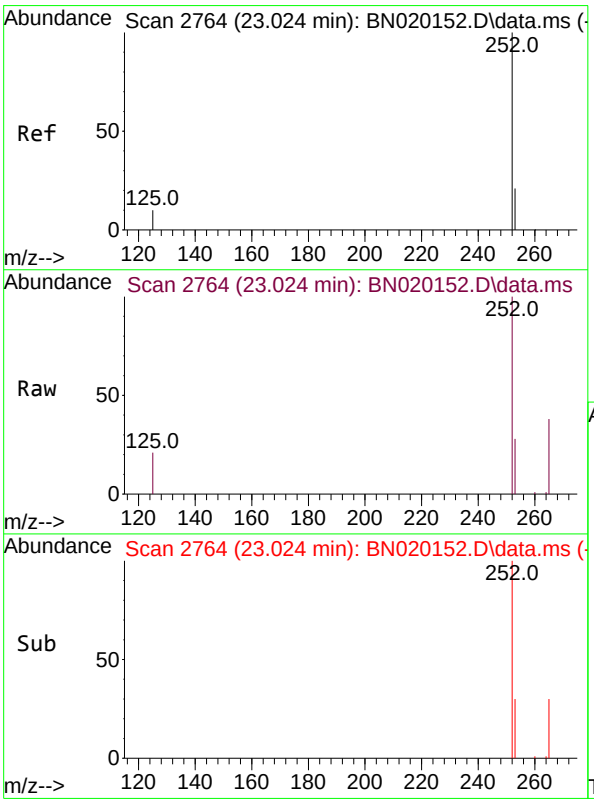
#37
Benzo(b)fluoranthene
Concen: 0.400 ng
RT: 22.977 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN020152.D
Acq: 14 Jun 2022 11:30

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 18960

Ion	Ratio	Lower	Upper
252	100		
253	28.6	18.5	27.7#
125	22.2	11.4	17.0#

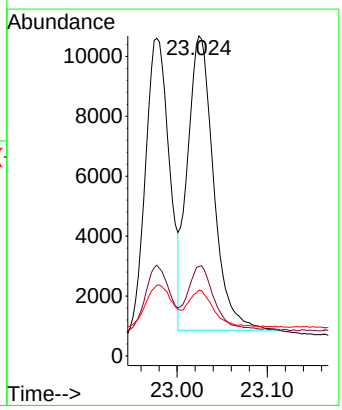


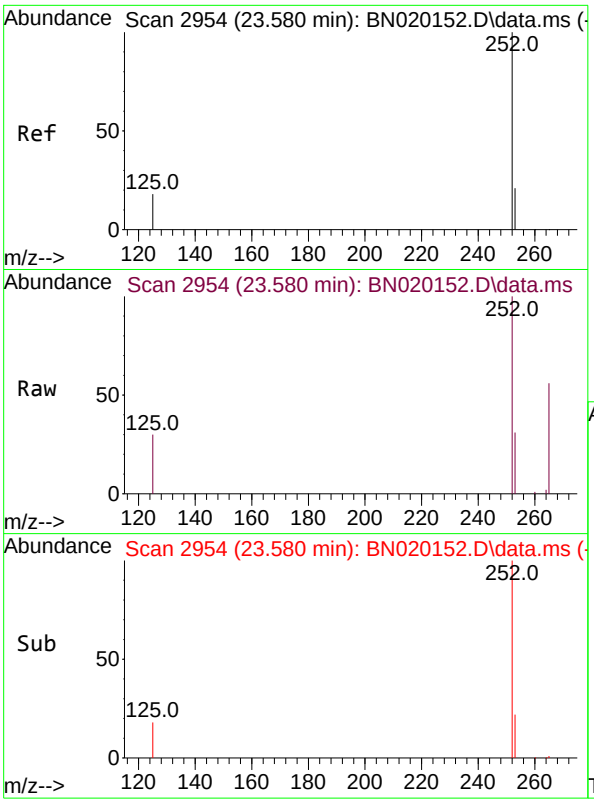


#38
Benzo(k)fluoranthene
Concen: 0.412 ng
RT: 23.024 min Scan# 2764
Delta R.T. 0.000 min
Lab File: BN020152.D
Acq: 14 Jun 2022 11:30

Tgt Ion:252 Resp: 19741

Ion	Ratio	Lower	Upper
252	100		
253	28.0	18.0	27.0#
125	20.5	11.0	16.4#



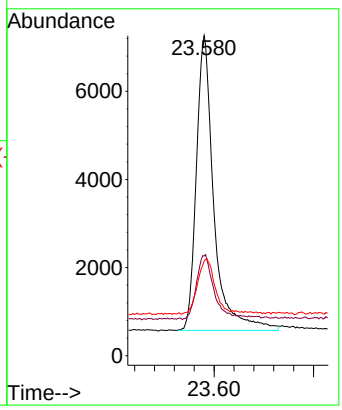


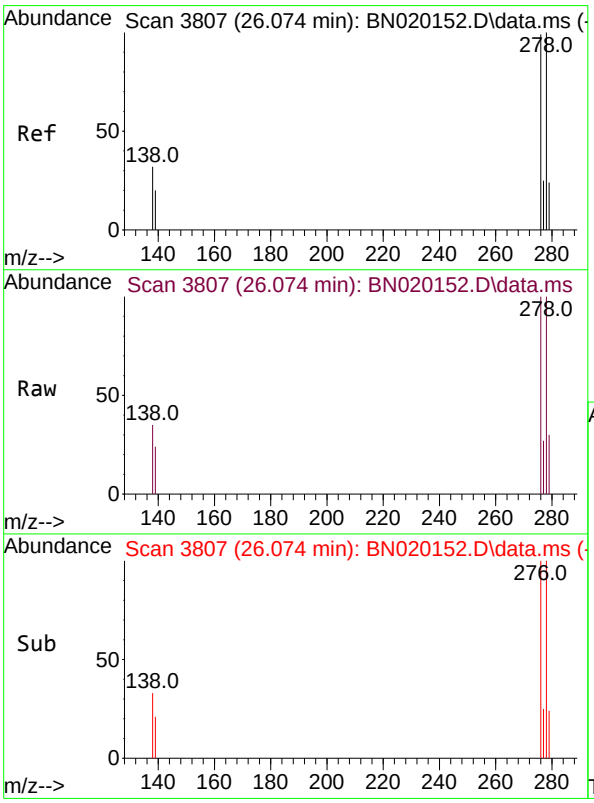
#39
Benzo(a)pyrene
Concen: 0.411 ng
RT: 23.580 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN020152.D
Acq: 14 Jun 2022 11:30

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 16357

Ion	Ratio	Lower	Upper
252	100		
253	31.1	19.0	28.4#
125	29.6	13.8	20.8#

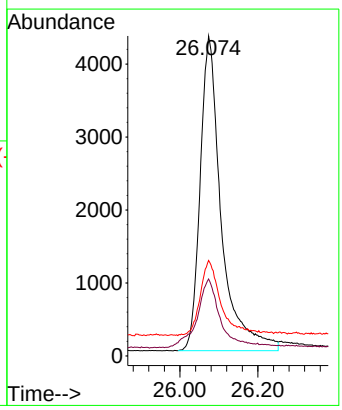


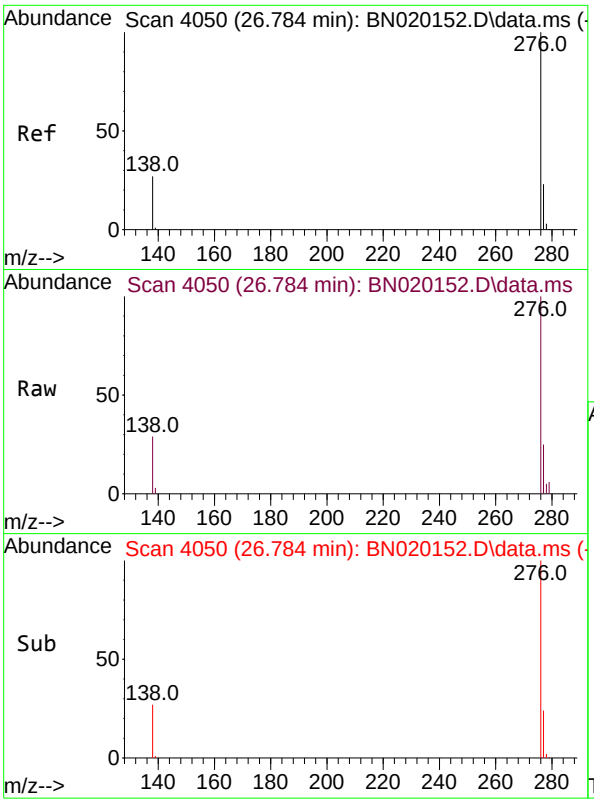


#40
Dibenzo(a,h)anthracene
Concen: 0.412 ng
RT: 26.074 min Scan# 3807
Delta R.T. 0.000 min
Lab File: BN020152.D
Acq: 14 Jun 2022 11:30

Tgt Ion:278 Resp: 16233

Ion	Ratio	Lower	Upper
278	100		
139	24.0	18.6	28.0
279	29.8	19.7	29.5#





#41
Benzo(g,h,i)perylene
Concen: 0.414 ng
RT: 26.784 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN020152.D
Acq: 14 Jun 2022 11:30

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:276 Resp: 17844

Ion	Ratio	Lower	Upper
276	100		
277	25.3	19.5	29.3
138	29.1	22.6	34.0