Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061422\
Data File : BN020160.D
Acq On : 14 Jun 2022 17:10
Operator : CG/JU
Sample : PB145484BSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB145484BSD

Quant Time: Jun 15 01:24:15 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 16:17:22 2022
Response via : Initial Calibration

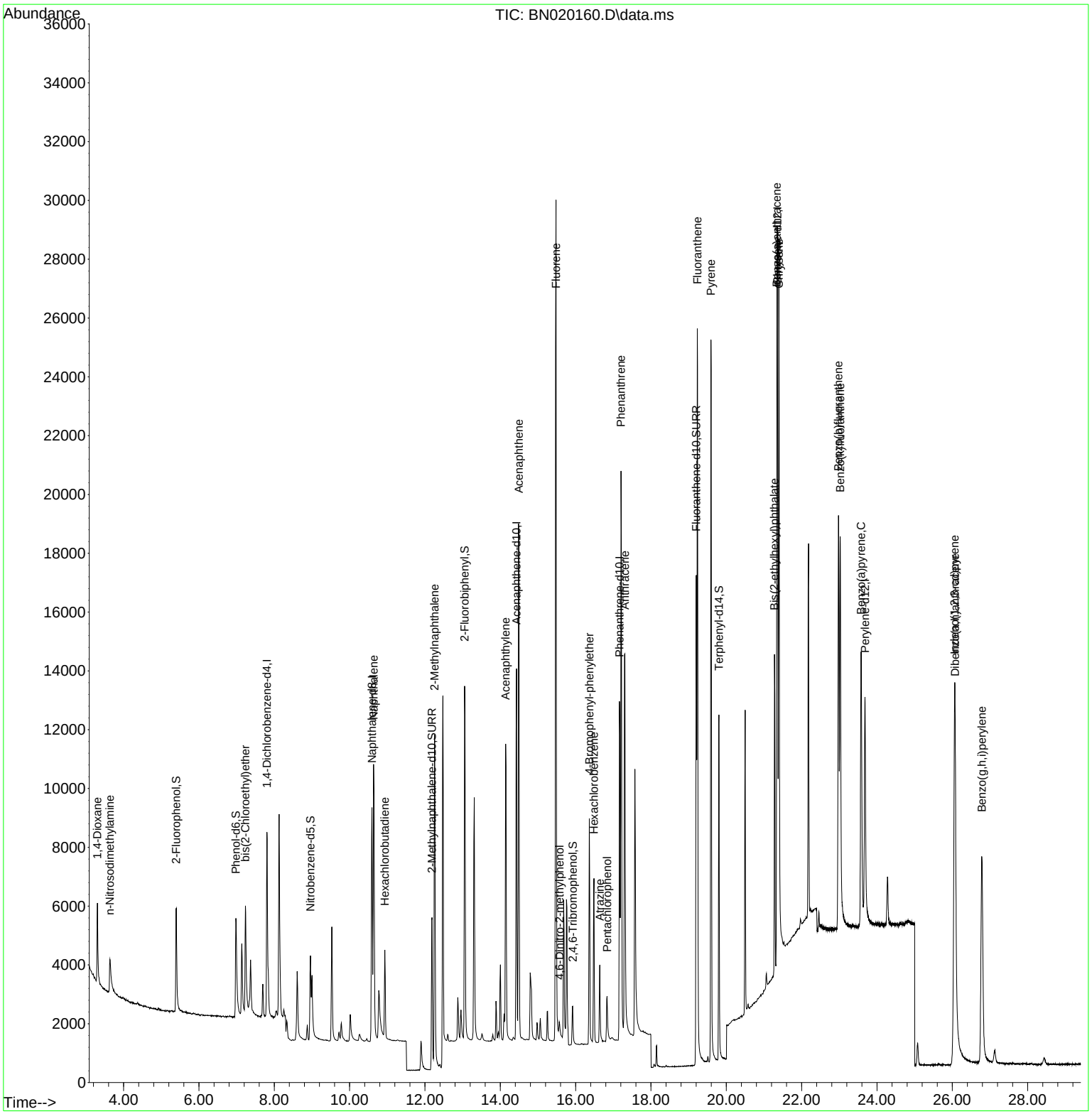
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.804	152	3667	0.400	ng		0.00
7) Naphthalene-d8	10.594	136	11905	0.400	ng		0.00
13) Acenaphthene-d10	14.431	164	7723	0.400	ng		0.00
19) Phenanthrene-d10	17.164	188	17538	0.400	ng		#-0.01
29) Chrysene-d12	21.360	240	15053	0.400	ng		0.00
35) Perylene-d12	23.682	264	12133	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.399	112	3764	0.373	ng		0.00
5) Phenol-d6	6.981	99	4161	0.361	ng		0.00
8) Nitrobenzene-d5	8.961	82	3052	0.358	ng		0.00
11) 2-Methylnaphthalene-d10	12.185	152	8226	0.387	ng		0.00
14) 2,4,6-Tribromophenol	15.923	330	909	0.309	ng		0.00
15) 2-Fluorobiphenyl	13.052	172	12272	0.394	ng		0.00
27) Fluoranthene-d10	19.202	212	19765	0.363	ng		0.00
31) Terphenyl-d14	19.805	244	14359	0.393	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.304	88	1715	0.397	ng		96
3) n-Nitrosodimethylamine	3.637	42	1388	0.343	ng	#	89
6) bis(2-Chloroethyl)ether	7.233	93	3581	0.358	ng		99
9) Naphthalene	10.637	128	13967	0.388	ng		99
10) Hexachlorobutadiene	10.936	225	2476	0.389	ng	#	100
12) 2-Methylnaphthalene	12.257	142	9517	0.383	ng		99
16) Acenaphthylene	14.142	152	13151	0.361	ng		99
17) Acenaphthene	14.495	154	9946	0.389	ng		97
18) Fluorene	15.479	166	13193	0.384	ng		100
20) 4,6-Dinitro-2-methylph...	15.575	198	548	0.342	ng	#	70
21) 4-Bromophenyl-phenylether	16.364	248	3754	0.365	ng		97
22) Hexachlorobenzene	16.487	284	4261	0.377	ng		100
23) Atrazine	16.641	200	2495	0.332	ng		97
24) Pentachlorophenol	16.836	266	1152	0.285	ng		95
25) Phenanthrene	17.205	178	22348	0.372	ng		100
26) Anthracene	17.308	178	18009	0.352	ng		100
28) Fluoranthene	19.232	202	24625	0.365	ng		99
30) Pyrene	19.594	202	25289	0.389	ng		100
32) Benzo(a)anthracene	21.342	228	20673	0.368	ng		98
33) Chrysene	21.395	228	22153	0.366	ng		98
34) Bis(2-ethylhexyl)phtha...	21.279	149	10683	0.321	ng		99
36) Indeno(1,2,3-cd)pyrene	26.059	276	19565	0.383	ng		99
37) Benzo(b)fluoranthene	22.978	252	18876	0.382	ng	#	87
38) Benzo(k)fluoranthene	23.024	252	19563	0.391	ng	#	89
39) Benzo(a)pyrene	23.577	252	15820	0.382	ng	#	75
40) Dibenzo(a,h)anthracene	26.077	278	15851	0.387	ng		96
41) Benzo(g,h,i)perylene	26.781	276	17178	0.383	ng		98

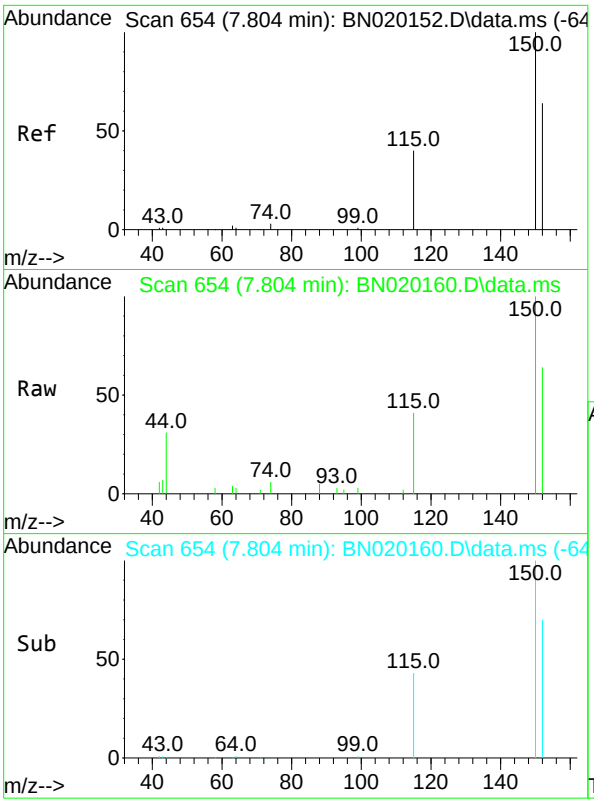
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061422\
Data File : BN020160.D
Acq On : 14 Jun 2022 17:10
Operator : CG/JU
Sample : PB145484BSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB145484BSD

Quant Time: Jun 15 01:24:15 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 16:17:22 2022
Response via : Initial Calibration



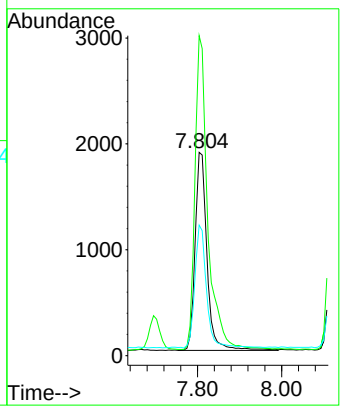


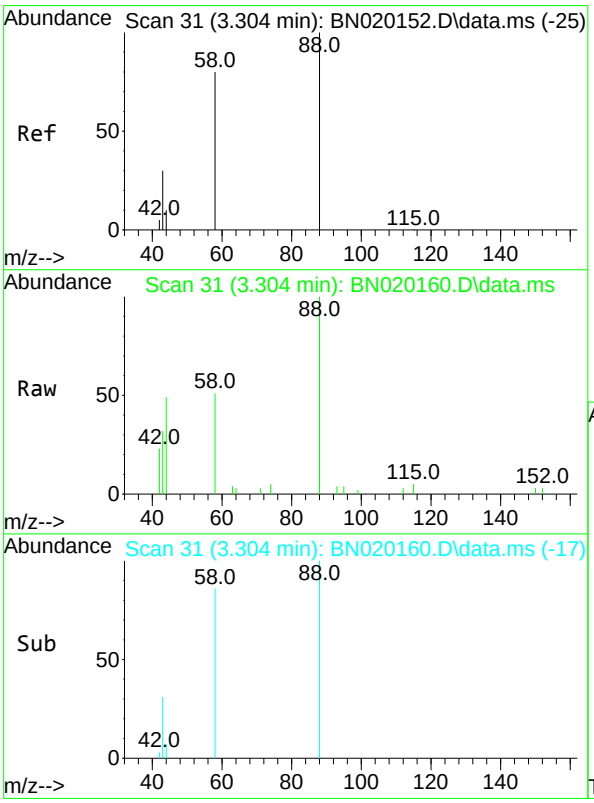
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.804 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN020160.D
Acq: 14 Jun 2022 17:10

Instrument :
BNA_N
ClientSampleId :
PB145484BSD

Tgt Ion:152 Resp: 3667

Ion	Ratio	Lower	Upper
152	100		
150	157.4	127.9	191.9
115	64.2	51.4	77.2

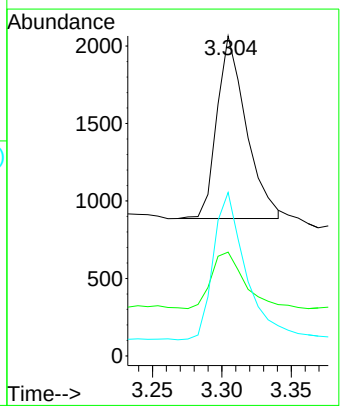


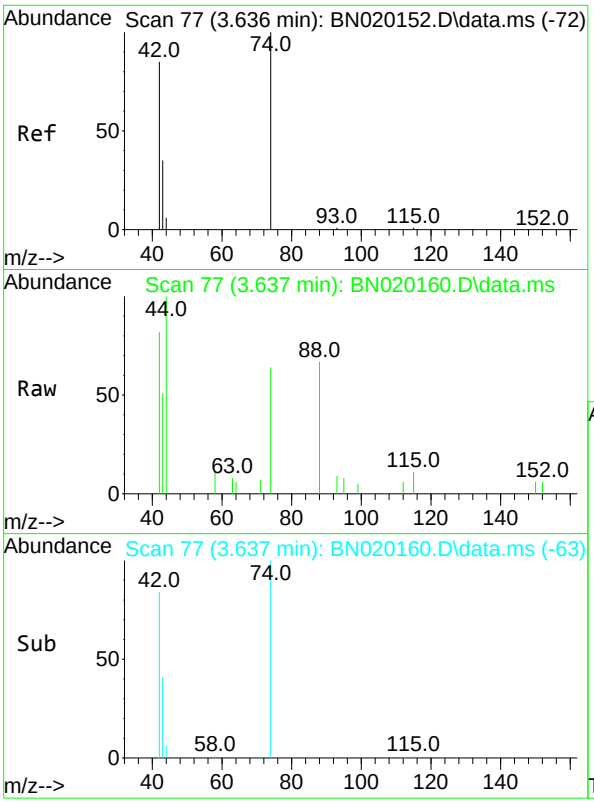


#2
1,4-Dioxane
Concen: 0.397 ng
RT: 3.304 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN020160.D
Acq: 14 Jun 2022 17:10

Tgt Ion: 88 Resp: 1715

Ion	Ratio	Lower	Upper
88	100		
43	35.0	30.2	45.2
58	88.3	73.0	109.6



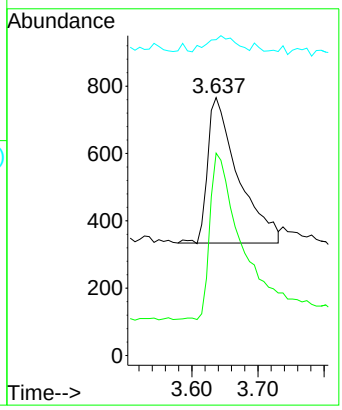


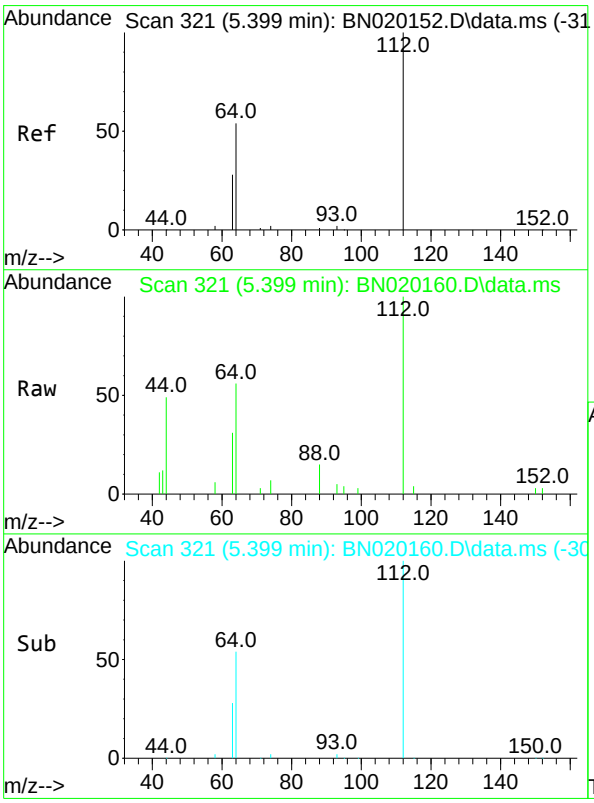
#3
n-Nitrosodimethylamine
Concen: 0.343 ng
RT: 3.637 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN020160.D
Acq: 14 Jun 2022 17:10

Instrument :
BNA_N
ClientSampleId :
PB145484BSD

Tgt Ion: 42 Resp: 1388

Ion	Ratio	Lower	Upper
42	100		
74	116.9	84.0	126.0
44	9.8	9.8	14.8#

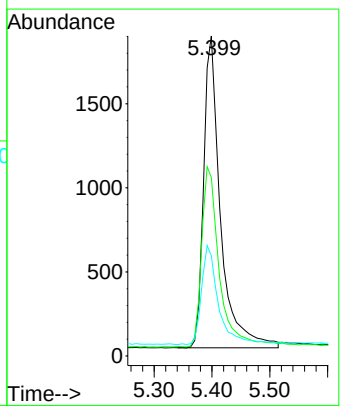


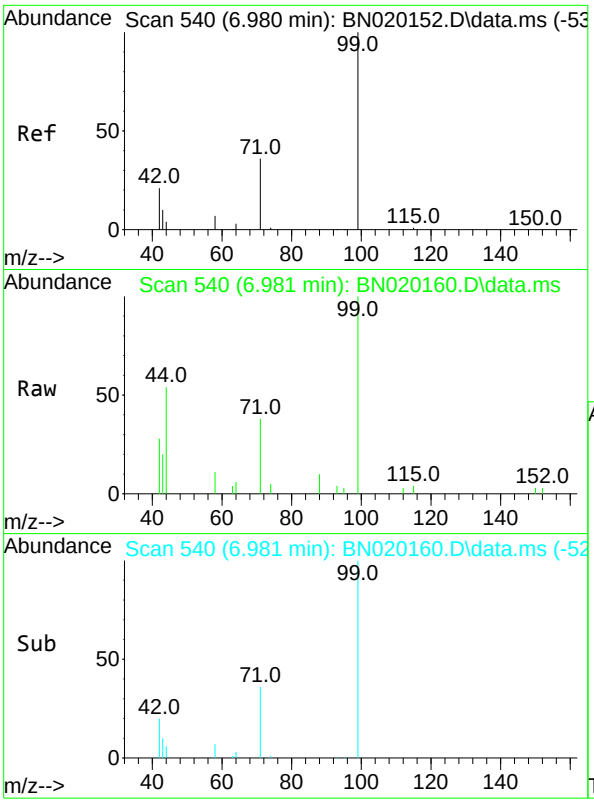


#4
2-Fluorophenol
Concen: 0.373 ng
RT: 5.399 min Scan# 321
Delta R.T. 0.000 min
Lab File: BN020160.D
Acq: 14 Jun 2022 17:10

Tgt Ion:112 Resp: 3764

Ion	Ratio	Lower	Upper
112	100		
64	60.6	49.1	73.7
63	32.2	26.3	39.5



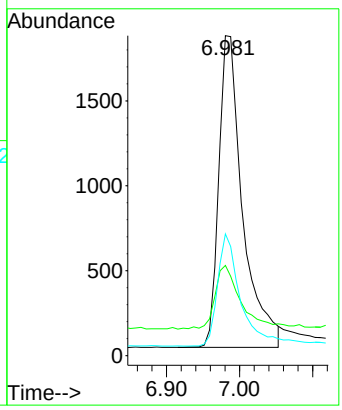


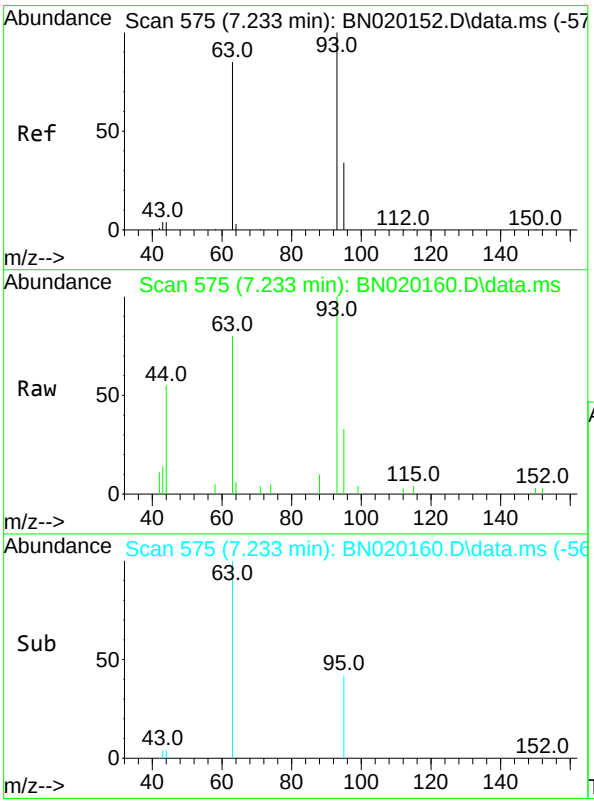
#5
Phenol-d6
Concen: 0.361 ng
RT: 6.981 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN020160.D
Acq: 14 Jun 2022 17:10

Instrument :
BNA_N
ClientSampleId :
PB145484BSD

Tgt Ion: 99 Resp: 4161

Ion	Ratio	Lower	Upper
99	100		
42	21.5	19.3	28.9
71	34.1	27.5	41.3

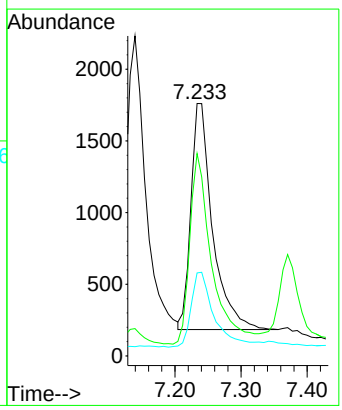


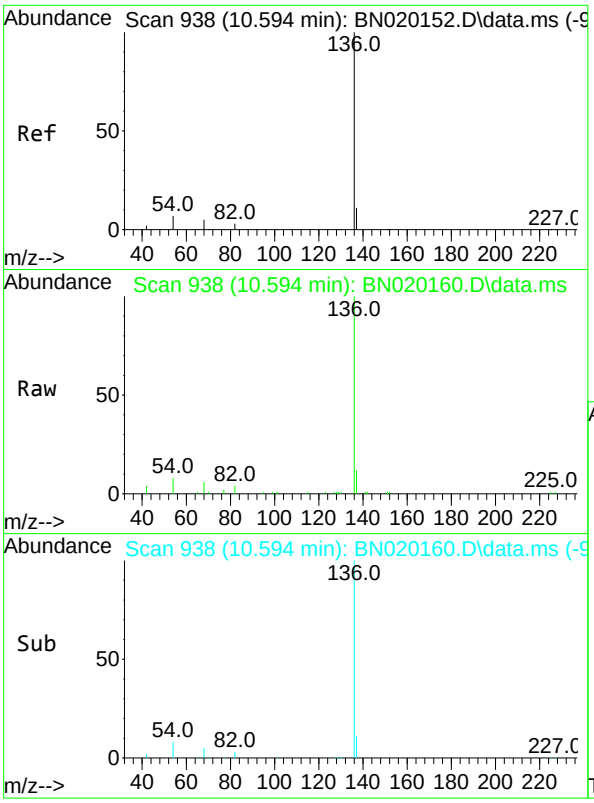


#6
bis(2-Chloroethyl)ether
Concen: 0.358 ng
RT: 7.233 min Scan# 575
Delta R.T. 0.000 min
Lab File: BN020160.D
Acq: 14 Jun 2022 17:10

Tgt Ion: 93 Resp: 3581

Ion	Ratio	Lower	Upper
93	100		
63	84.6	67.4	101.0
95	35.4	26.5	39.7



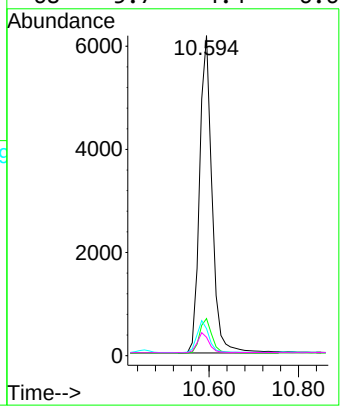


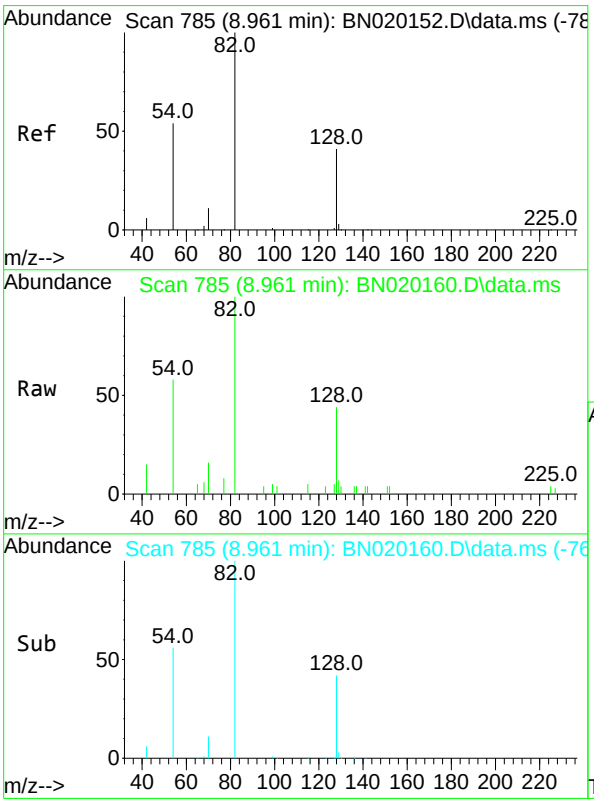
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.594 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN020160.D
Acq: 14 Jun 2022 17:10

Instrument :
BNA_N
ClientSampleId :
PB145484BSD

Tgt Ion:136 Resp: 11905

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.6
54	8.5	6.2	9.2
68	5.7	4.4	6.6

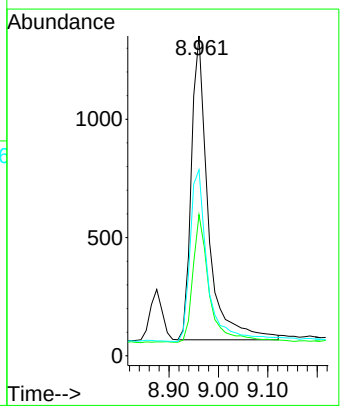


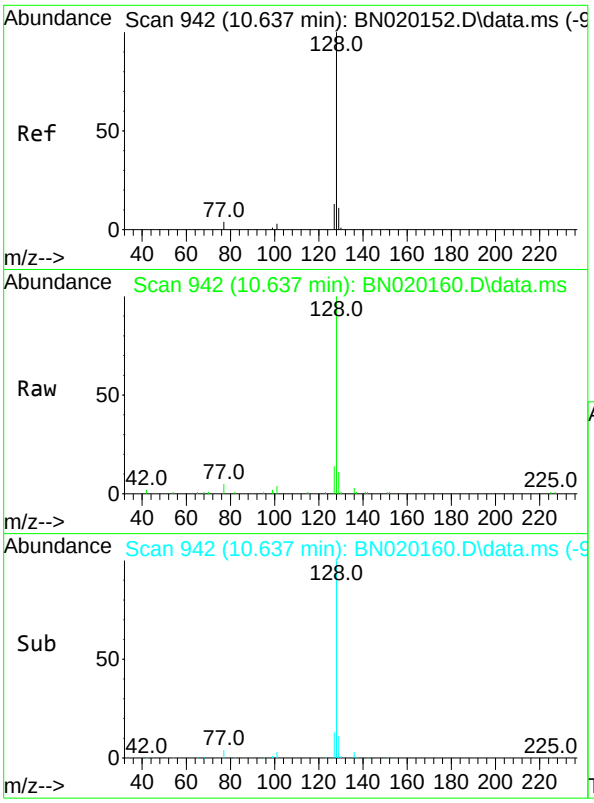


#8
Nitrobenzene-d5
Concen: 0.358 ng
RT: 8.961 min Scan# 785
Delta R.T. 0.000 min
Lab File: BN020160.D
Acq: 14 Jun 2022 17:10

Tgt Ion: 82 Resp: 3052

Ion	Ratio	Lower	Upper
82	100		
128	44.2	35.0	52.6
54	58.2	46.2	69.4



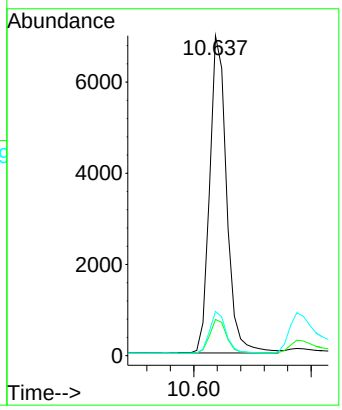


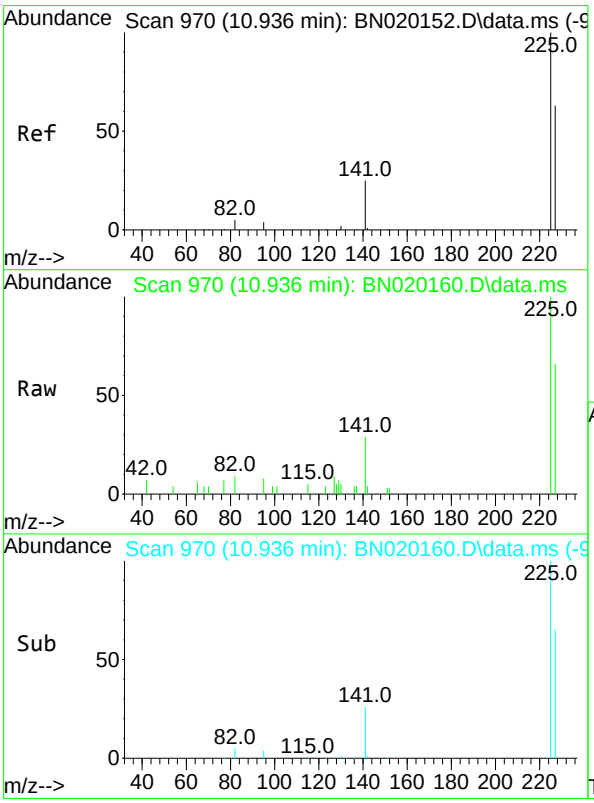
#9
Naphthalene
Concen: 0.388 ng
RT: 10.637 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN020160.D
Acq: 14 Jun 2022 17:10

Instrument :
BNA_N
ClientSampleId :
PB145484BSD

Tgt Ion:128 Resp: 13967

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.9	13.3
127	13.9	10.8	16.2

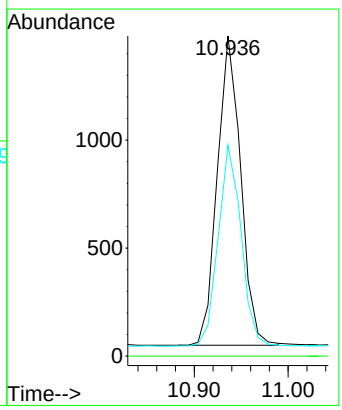


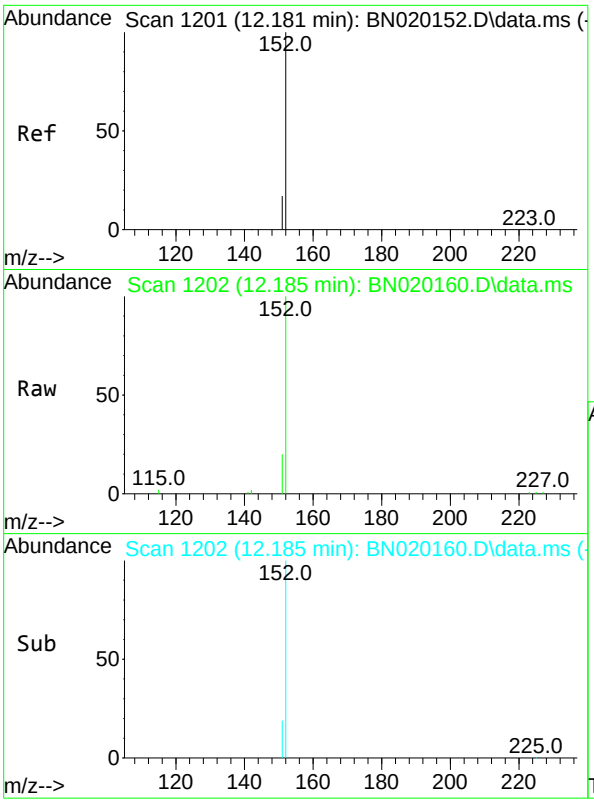


#10
Hexachlorobutadiene
Concen: 0.389 ng
RT: 10.936 min Scan# 970
Delta R.T. 0.000 min
Lab File: BN020160.D
Acq: 14 Jun 2022 17:10

Tgt Ion:225 Resp: 2476

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	50.9	76.3



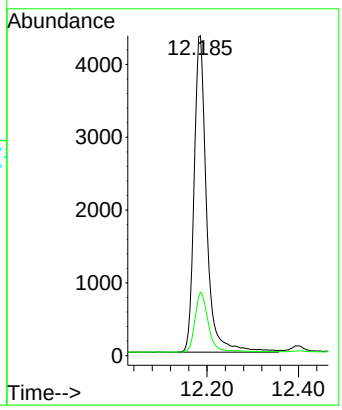


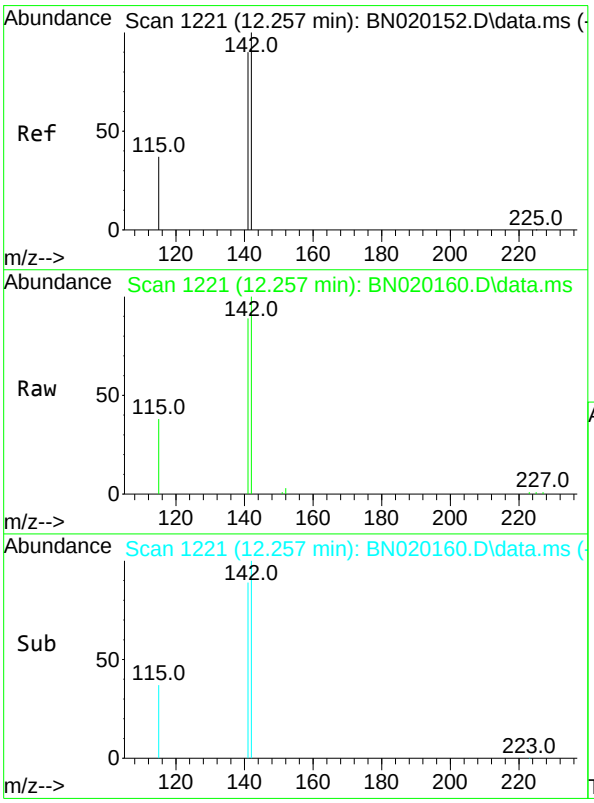
#11
2-Methylnaphthalene-d10
Concen: 0.387 ng
RT: 12.185 min Scan# 1
Delta R.T. 0.004 min
Lab File: BN020160.D
Acq: 14 Jun 2022 17:10

Instrument :
BNA_N
ClientSampleId :
PB145484BSD

Tgt Ion:152 Resp: 8226

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.2	24.4

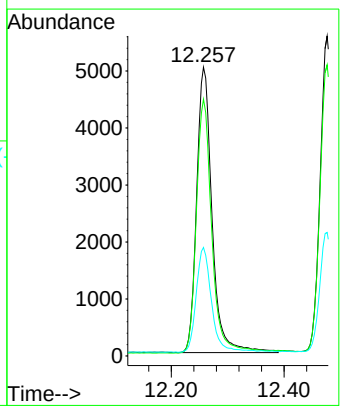


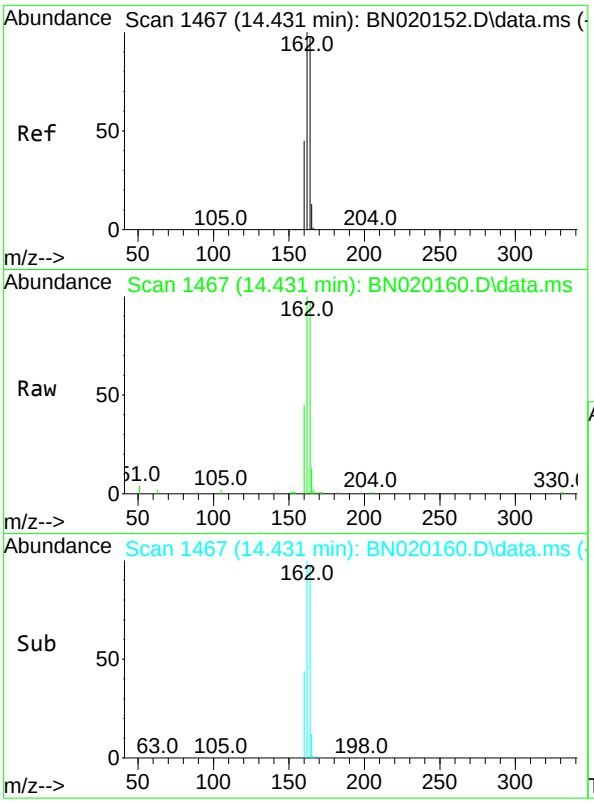


#12
2-Methylnaphthalene
Concen: 0.383 ng
RT: 12.257 min Scan# 1221
Delta R.T. 0.000 min
Lab File: BN020160.D
Acq: 14 Jun 2022 17:10

Tgt Ion:142 Resp: 9517

Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.6	107.4
115	37.6	29.8	44.8



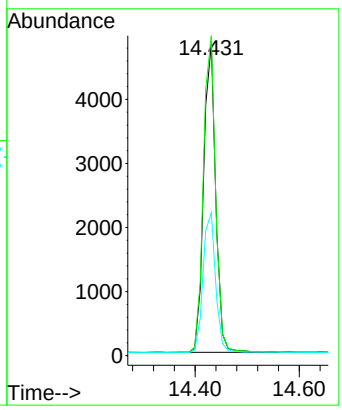


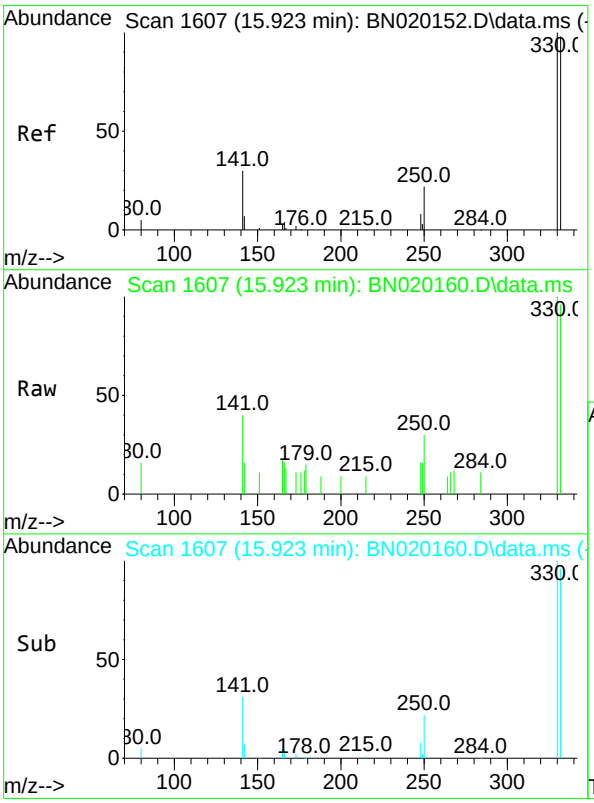
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.431 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN020160.D
Acq: 14 Jun 2022 17:10

Instrument :
BNA_N
ClientSampleId :
PB145484BSD

Tgt Ion:164 Resp: 7723

Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.1	123.1
160	45.9	38.6	58.0

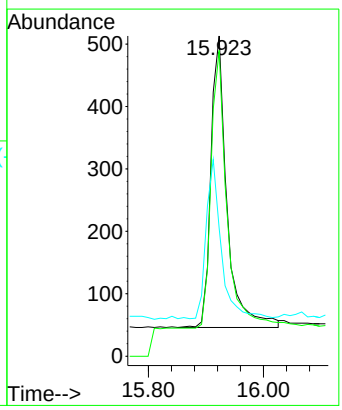


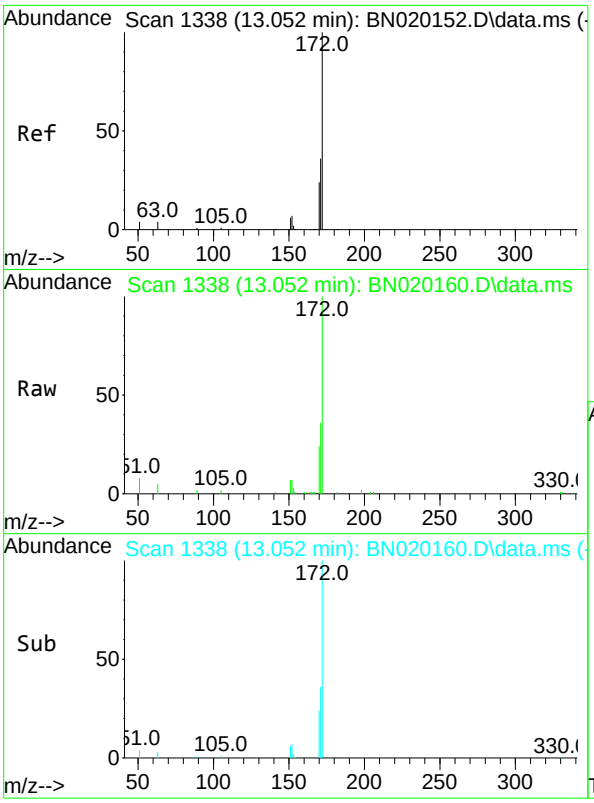


#14
2,4,6-Tribromophenol
Concen: 0.309 ng
RT: 15.923 min Scan# 1607
Delta R.T. 0.000 min
Lab File: BN020160.D
Acq: 14 Jun 2022 17:10

Tgt Ion:330 Resp: 909

Ion	Ratio	Lower	Upper
330	100		
332	94.1	77.6	116.4
141	51.5	41.0	61.4



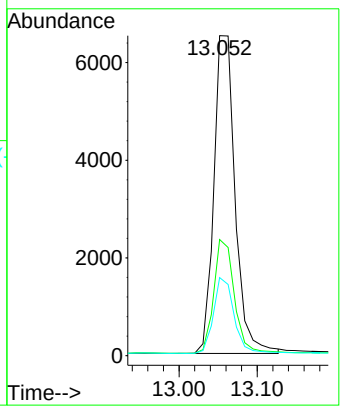


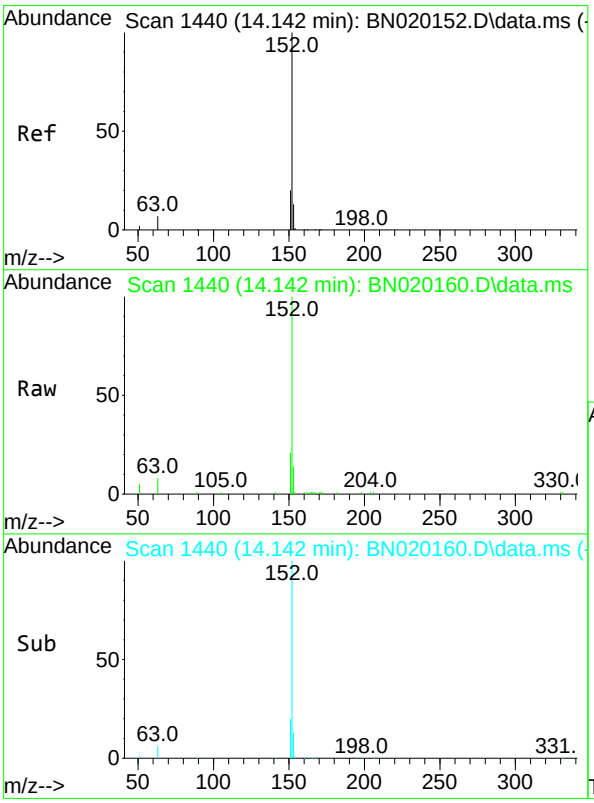
#15
2-Fluorobiphenyl
Concen: 0.394 ng
RT: 13.052 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN020160.D
Acq: 14 Jun 2022 17:10

Instrument :
BNA_N
ClientSampleId :
PB145484BSD

Tgt Ion:172 Resp: 12272

Ion	Ratio	Lower	Upper
172	100		
171	36.3	27.2	40.8
170	24.4	18.2	27.4

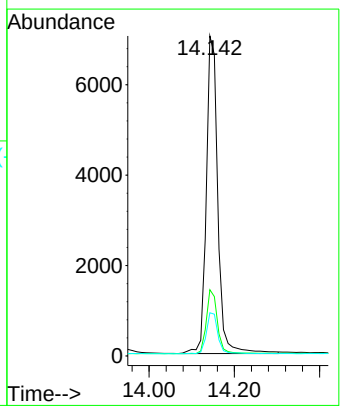


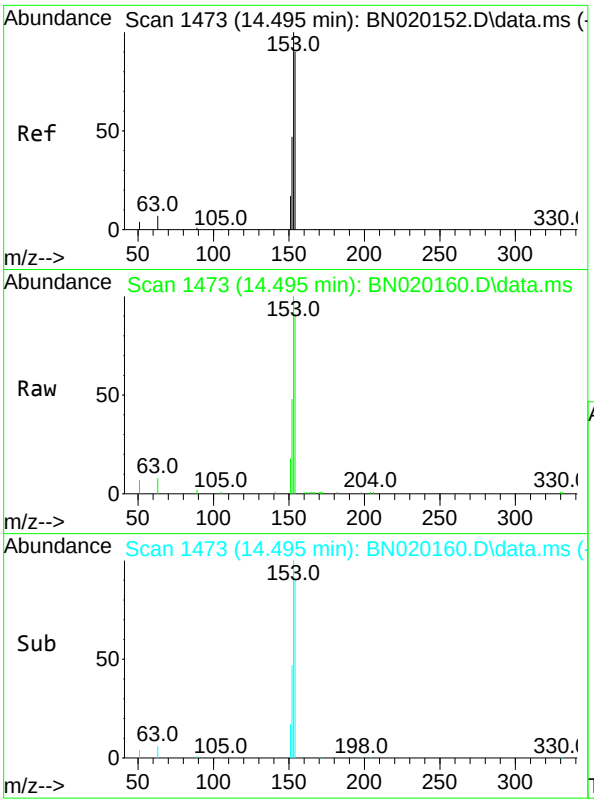


#16
Acenaphthylene
Concen: 0.361 ng
RT: 14.142 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BN020160.D
Acq: 14 Jun 2022 17:10

Tgt Ion:152 Resp: 13151

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.2	24.4
153	13.1	10.7	16.1



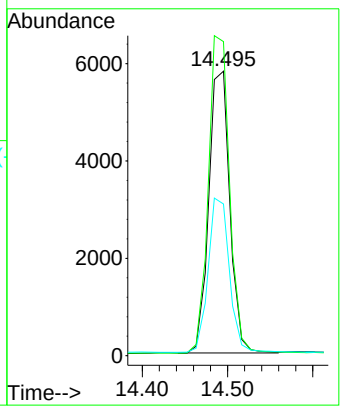


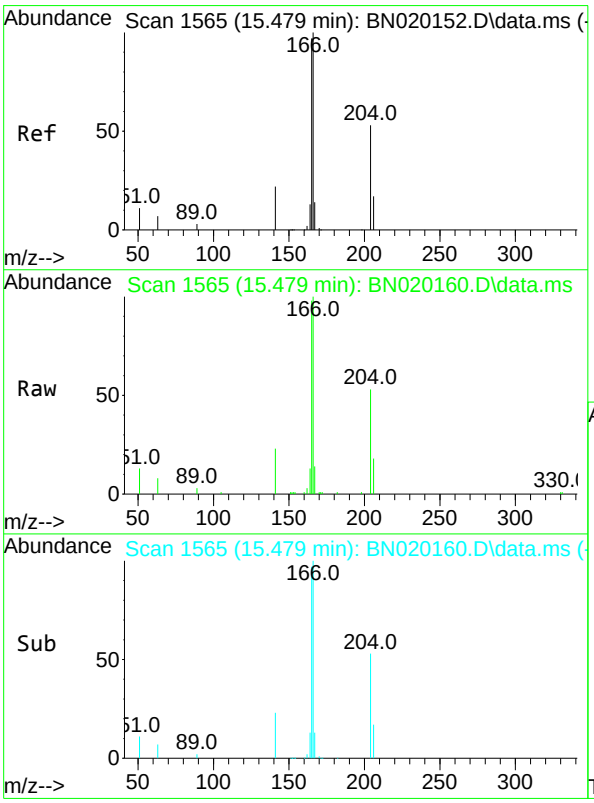
#17
Acenaphthene
Concen: 0.389 ng
RT: 14.495 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN020160.D
Acq: 14 Jun 2022 17:10

Instrument :
BNA_N
ClientSampleId :
PB145484BSD

Tgt Ion:154 Resp: 9946

Ion	Ratio	Lower	Upper
154	100		
153	113.9	87.5	131.3
152	55.4	43.8	65.6

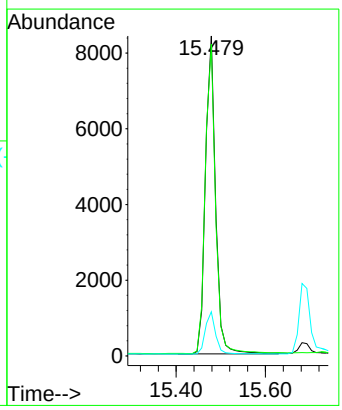


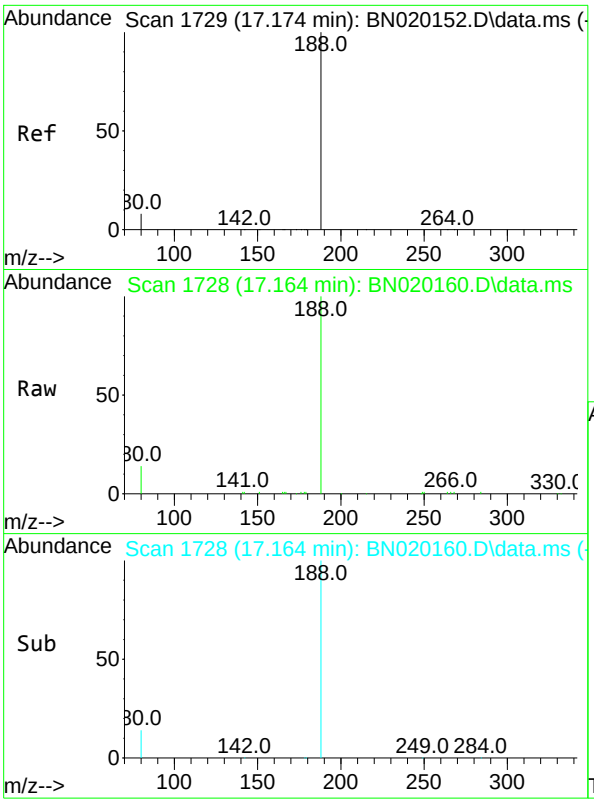


#18
Fluorene
Concen: 0.384 ng
RT: 15.479 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BN020160.D
Acq: 14 Jun 2022 17:10

Tgt Ion:166 Resp: 13193

Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.6	118.0
167	13.6	10.8	16.2





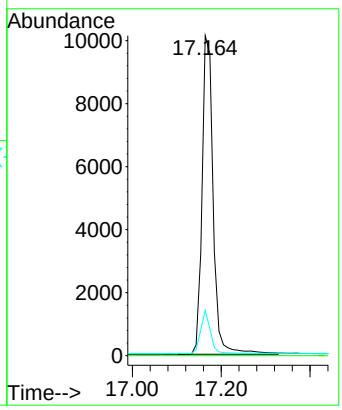
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.164 min Scan# 1

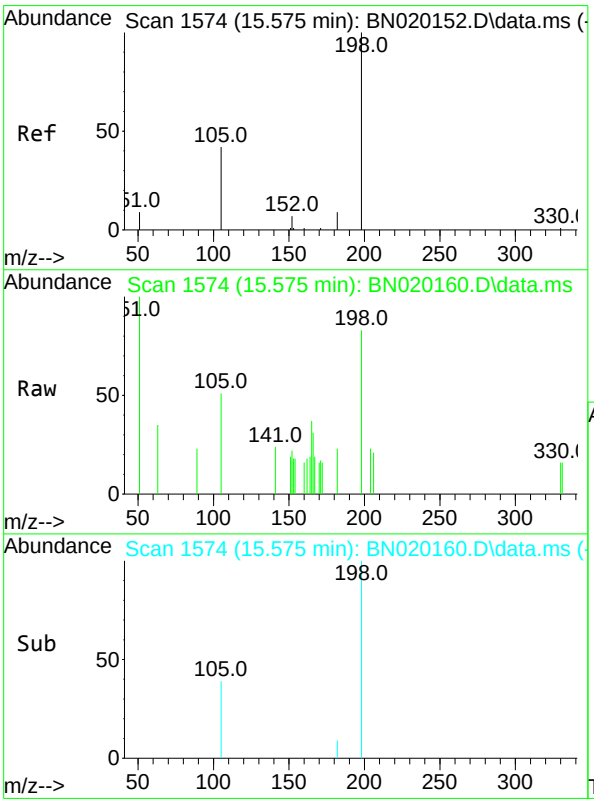
Instrument :
BNA_N
ClientSampleId :
PB145484BSD

Delta R.T. -0.010 min
Lab File: BN020160.D
Acq: 14 Jun 2022 17:10

Tgt Ion:188 Resp: 17538

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.2	7.4	11.2#

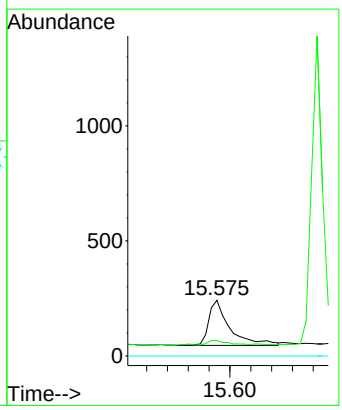


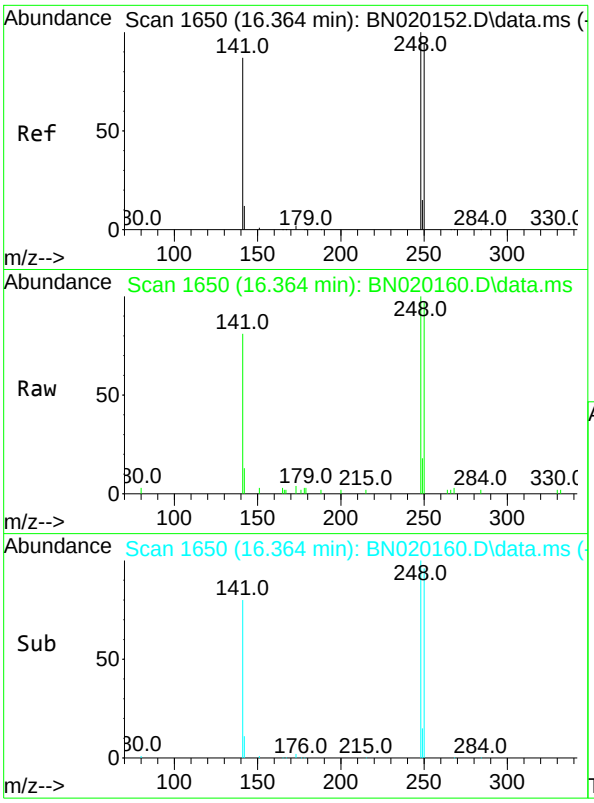


#20
4,6-Dinitro-2-methylphenol
Concen: 0.342 ng
RT: 15.575 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BN020160.D
Acq: 14 Jun 2022 17:10

Tgt Ion:198 Resp: 548

Ion	Ratio	Lower	Upper
198	100		
182	27.7	12.1	18.1#
77	0.0	0.0	0.0



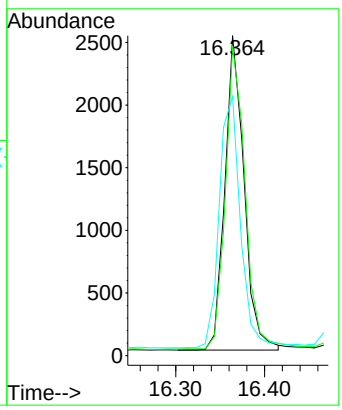


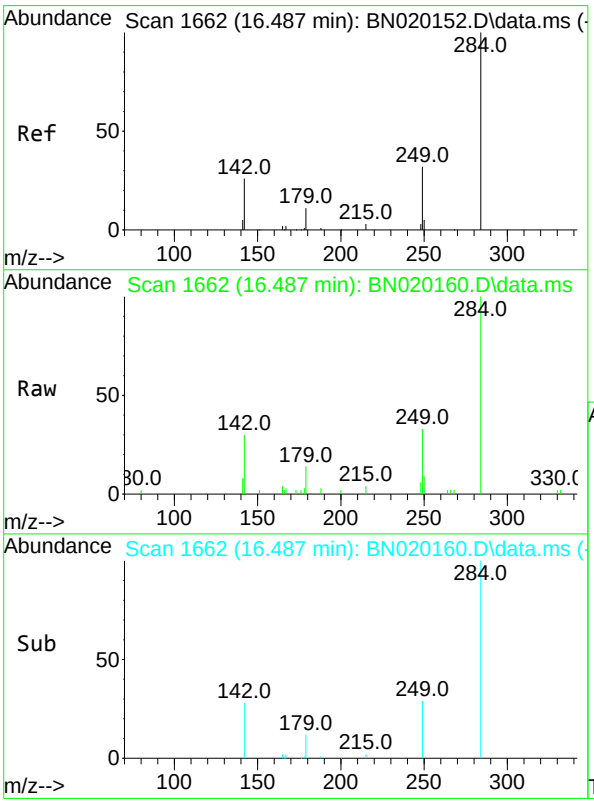
#21
4-Bromophenyl-phenylether
Concen: 0.365 ng
RT: 16.364 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN020160.D
Acq: 14 Jun 2022 17:10

Instrument :
BNA_N
ClientSampleId :
PB145484BSD

Tgt Ion:248 Resp: 3754

Ion	Ratio	Lower	Upper
248	100		
250	96.8	75.3	112.9
141	81.0	67.3	100.9

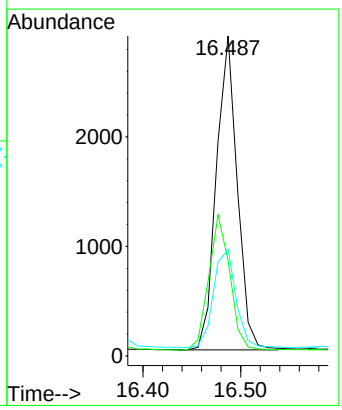


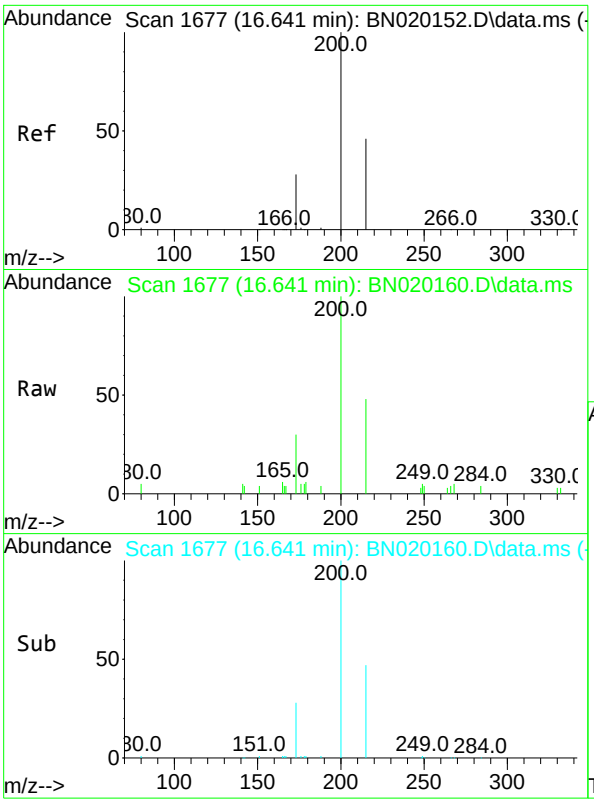


#22
Hexachlorobenzene
Concen: 0.377 ng
RT: 16.487 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BN020160.D
Acq: 14 Jun 2022 17:10

Tgt Ion:284 Resp: 4261

Ion	Ratio	Lower	Upper
284	100		
142	43.5	35.2	52.8
249	33.3	26.6	40.0



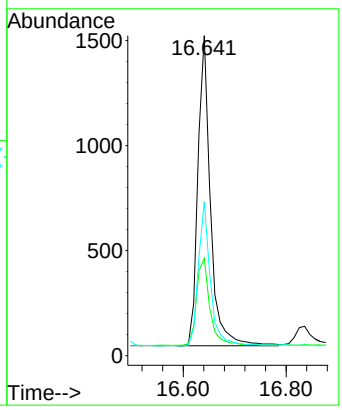


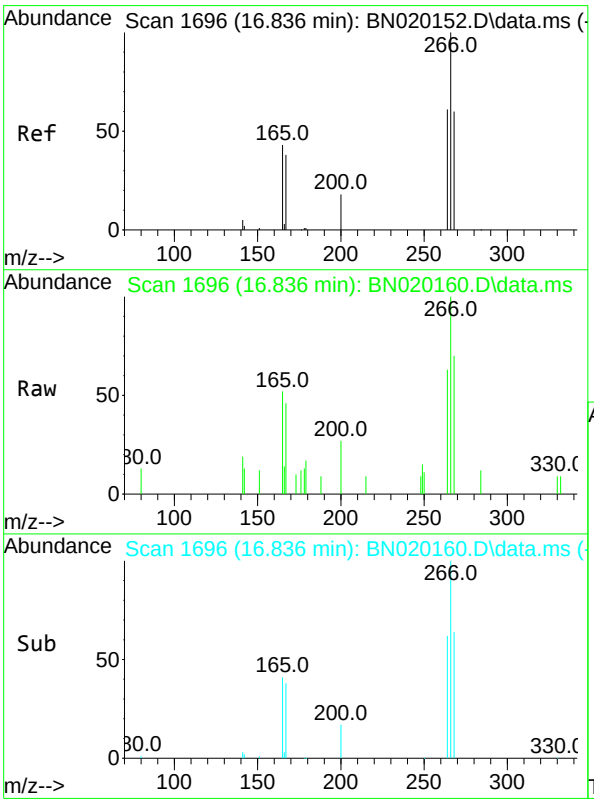
#23
Atrazine
Concen: 0.332 ng
RT: 16.641 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN020160.D
Acq: 14 Jun 2022 17:10

Instrument :
BNA_N
ClientSampleId :
PB145484BSD

Tgt Ion:200 Resp: 2495

Ion	Ratio	Lower	Upper
200	100		
173	30.4	23.6	35.4
215	48.1	36.6	54.8

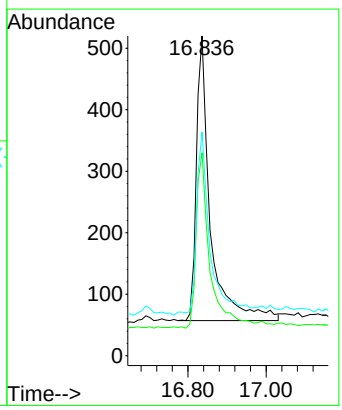


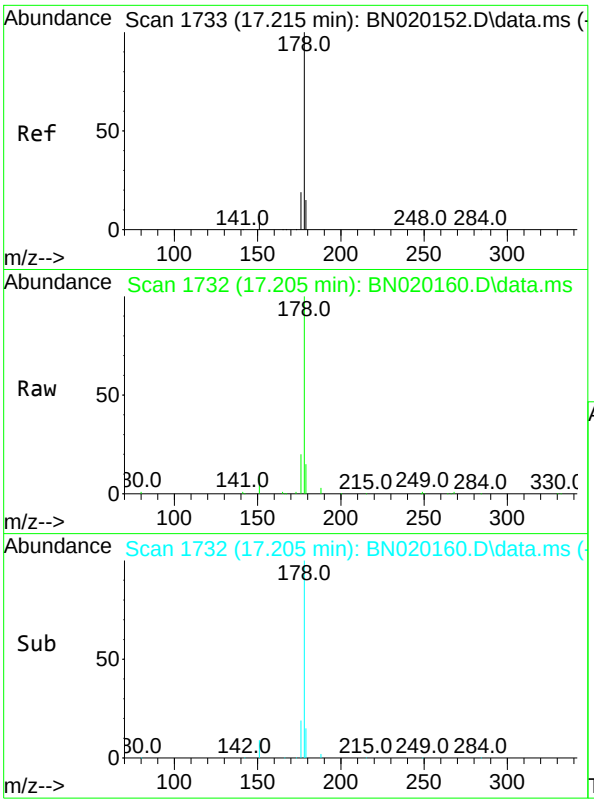


#24
Pentachlorophenol
Concen: 0.285 ng
RT: 16.836 min Scan# 1696
Delta R.T. -0.000 min
Lab File: BN020160.D
Acq: 14 Jun 2022 17:10

Tgt Ion:266 Resp: 1152

Ion	Ratio	Lower	Upper
266	100		
264	58.9	51.3	76.9
268	63.5	52.6	79.0



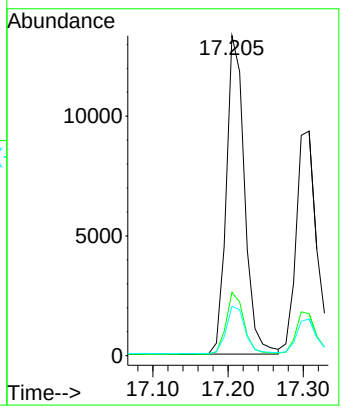


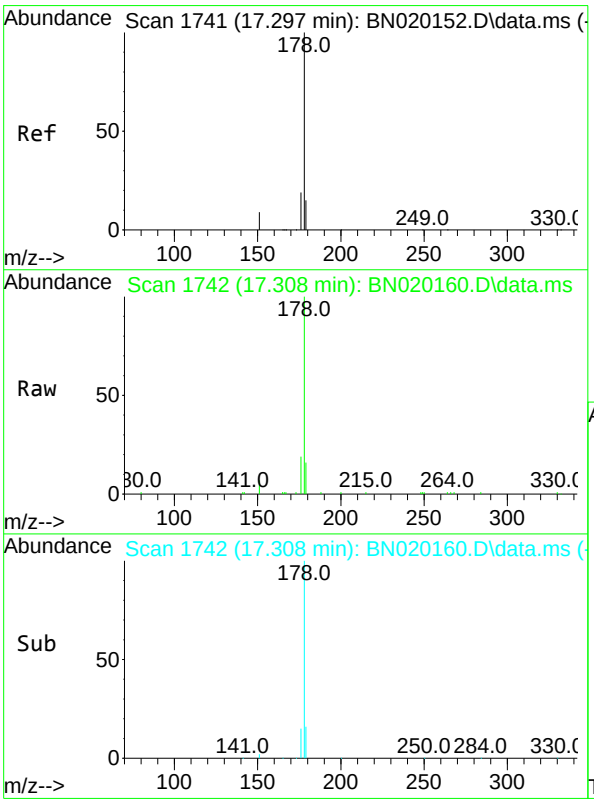
#25
Phenanthrene
Concen: 0.372 ng
RT: 17.205 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN020160.D
Acq: 14 Jun 2022 17:10

Instrument :
BNA_N
ClientSampleId :
PB145484BSD

Tgt Ion:178 Resp: 22348

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.6	12.2	18.4

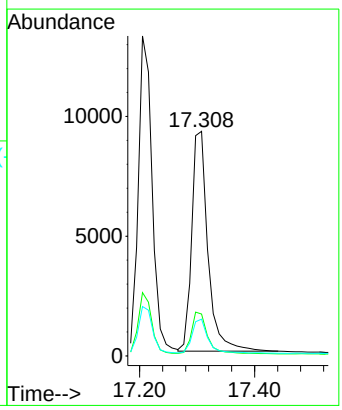


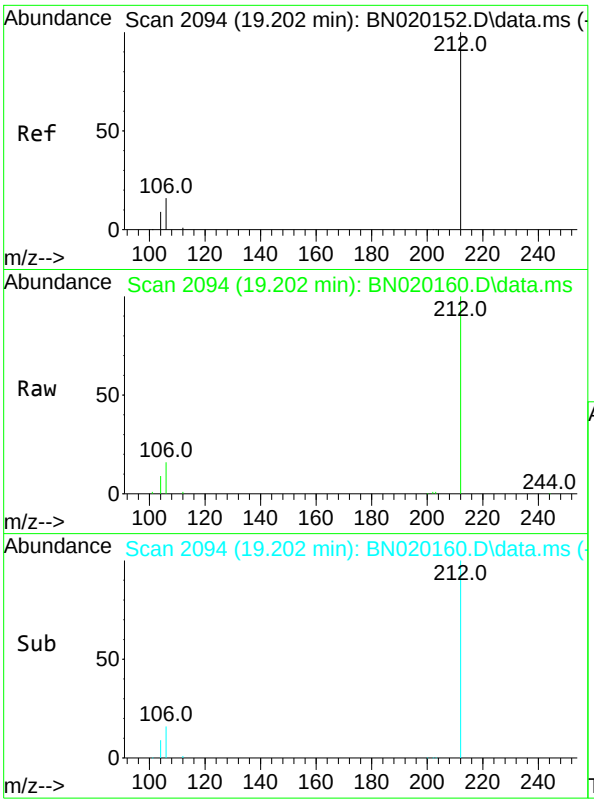


#26
Anthracene
Concen: 0.352 ng
RT: 17.308 min Scan# 1742
Delta R.T. 0.010 min
Lab File: BN020160.D
Acq: 14 Jun 2022 17:10

Tgt Ion:178 Resp: 18009

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.2	12.2	18.4



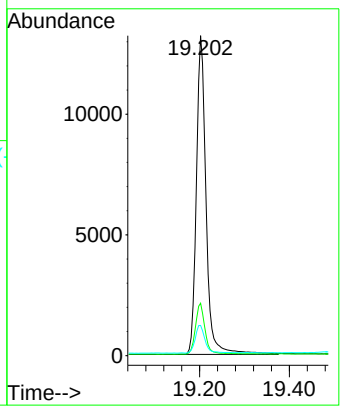


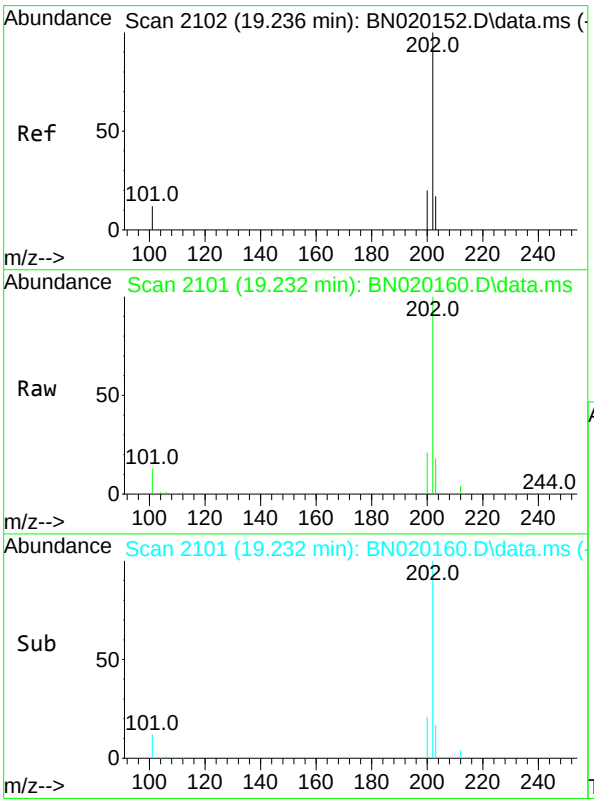
#27
Fluoranthene-d10
Concen: 0.363 ng
RT: 19.202 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN020160.D
Acq: 14 Jun 2022 17:10

Instrument :
BNA_N
ClientSampleId :
PB145484BSD

Tgt Ion:212 Resp: 19765

Ion	Ratio	Lower	Upper
212	100		
106	15.9	12.6	19.0
104	8.7	7.2	10.8

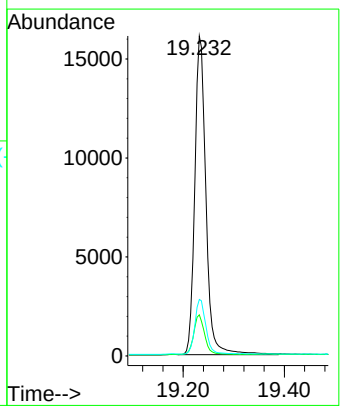


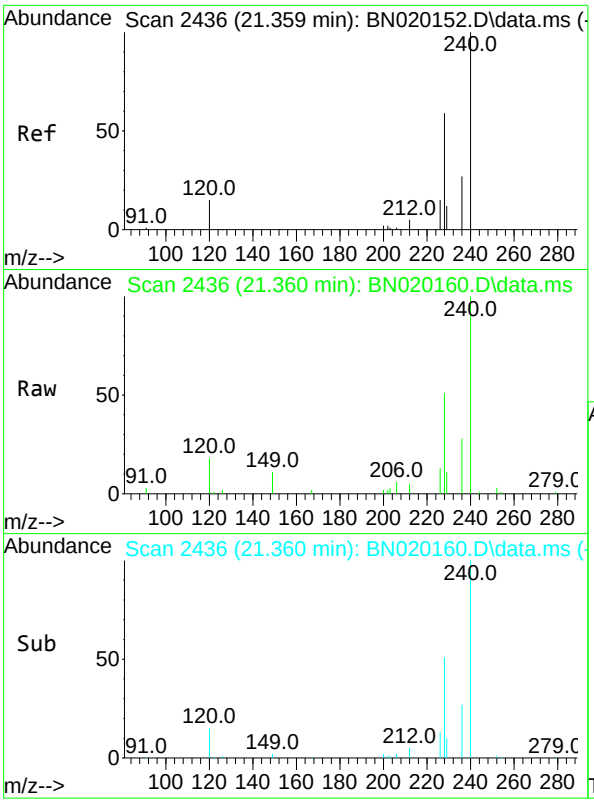


#28
Fluoranthene
Concen: 0.365 ng
RT: 19.232 min Scan# 2101
Delta R.T. -0.004 min
Lab File: BN020160.D
Acq: 14 Jun 2022 17:10

Tgt Ion:202 Resp: 24625

Ion	Ratio	Lower	Upper
202	100		
101	12.6	9.6	14.4
203	16.9	13.5	20.3



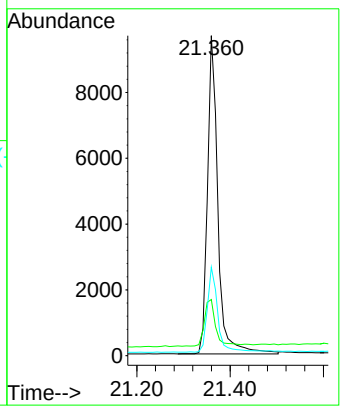


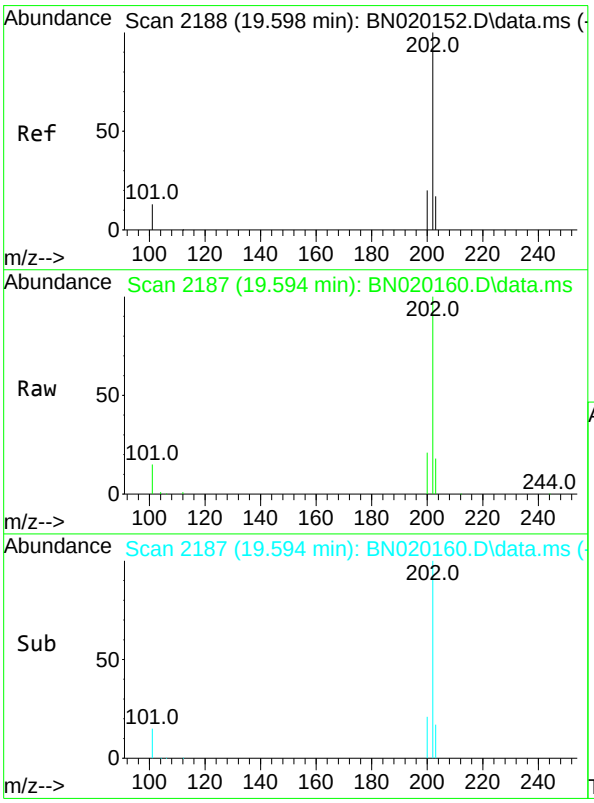
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.360 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN020160.D
Acq: 14 Jun 2022 17:10

Instrument :
BNA_N
ClientSampleId :
PB145484BSD

Tgt Ion:240 Resp: 15053

Ion	Ratio	Lower	Upper
240	100		
120	17.6	14.6	21.8
236	27.6	22.6	33.8

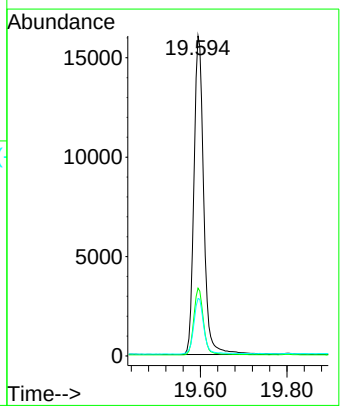


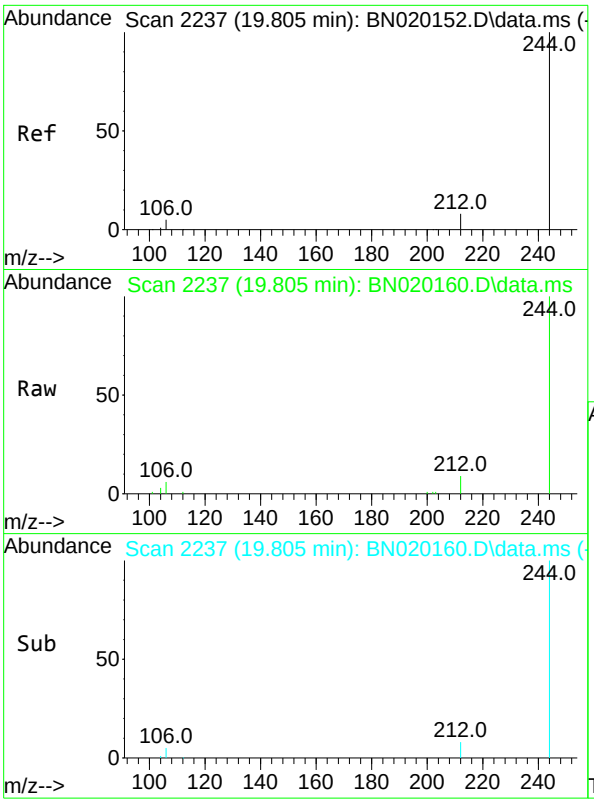


#30
Pyrene
Concen: 0.389 ng
RT: 19.594 min Scan# 2187
Delta R.T. -0.004 min
Lab File: BN020160.D
Acq: 14 Jun 2022 17:10

Tgt Ion:202 Resp: 25289

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	17.6	14.2	21.2



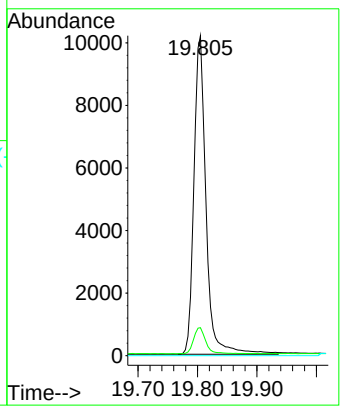


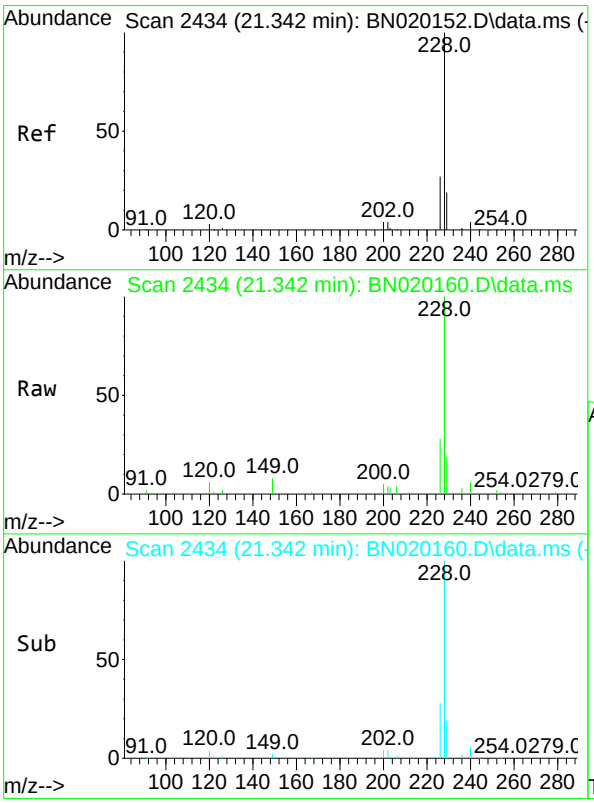
#31
Terphenyl-d14
Concen: 0.393 ng
RT: 19.805 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN020160.D
Acq: 14 Jun 2022 17:10

Instrument :
BNA_N
ClientSampleId :
PB145484BSD

Tgt Ion:244 Resp: 14359

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.1	10.7
122	0.0	0.0	0.0

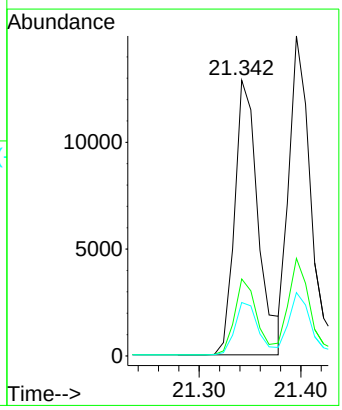


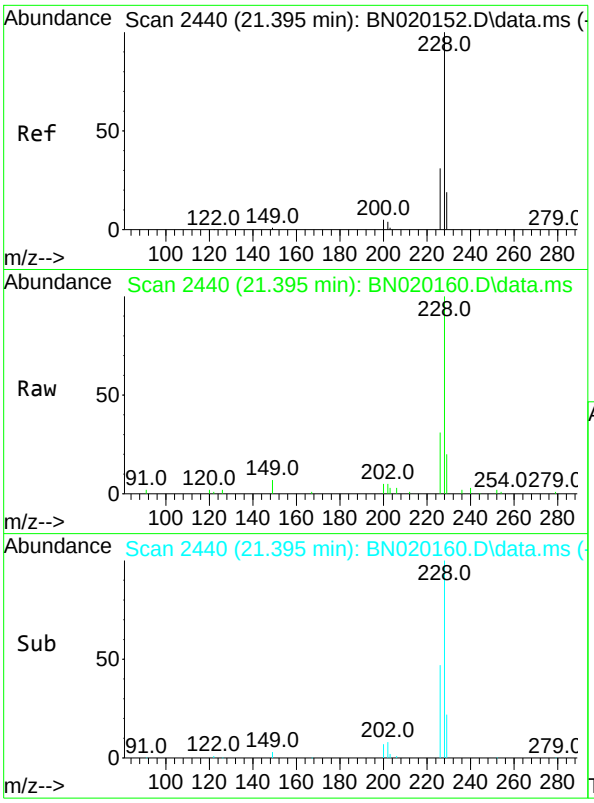


#32
Benzo(a)anthracene
Concen: 0.368 ng
RT: 21.342 min Scan# 2434
Delta R.T. 0.000 min
Lab File: BN020160.D
Acq: 14 Jun 2022 17:10

Tgt Ion:228 Resp: 20673

Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.2	31.8
229	19.4	15.6	23.4



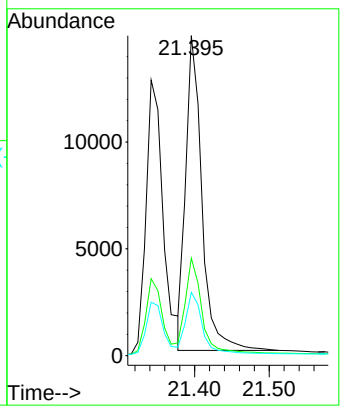


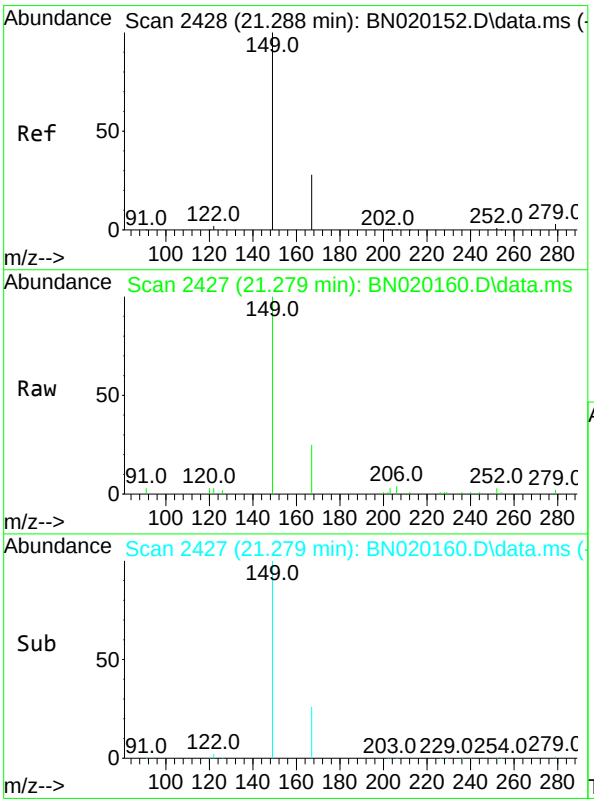
#33
Chrysene
Concen: 0.366 ng
RT: 21.395 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN020160.D
Acq: 14 Jun 2022 17:10

Instrument :
BNA_N
ClientSampleId :
PB145484BSD

Tgt Ion:228 Resp: 22153

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.4	35.0
229	19.8	15.7	23.5

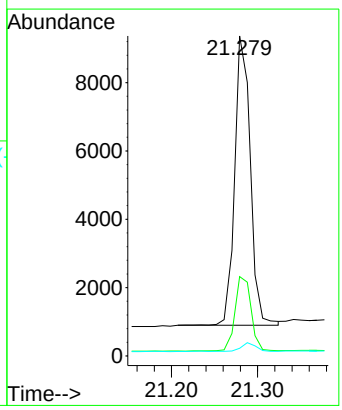


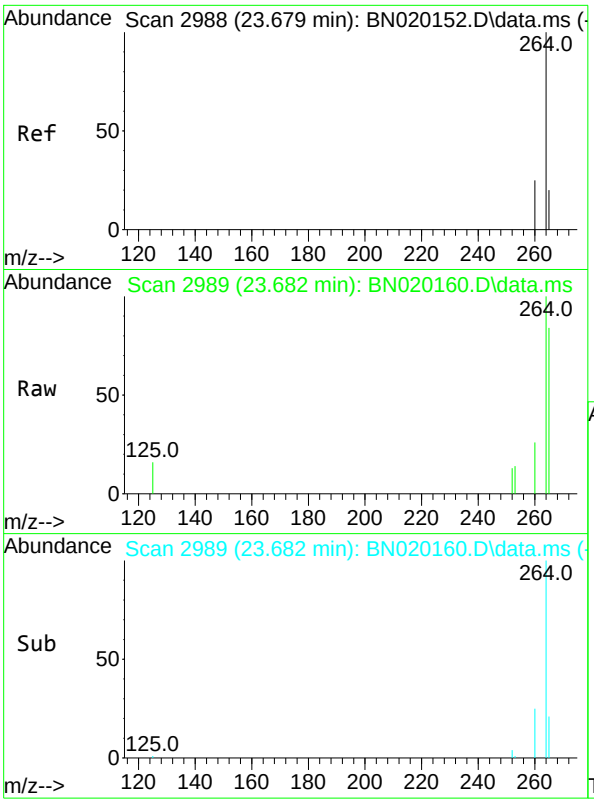


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.321 ng
RT: 21.279 min Scan# 2427
Delta R.T. -0.009 min
Lab File: BN020160.D
Acq: 14 Jun 2022 17:10

Tgt Ion:149 Resp: 10683

Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.7	32.5
279	2.9	2.2	3.2



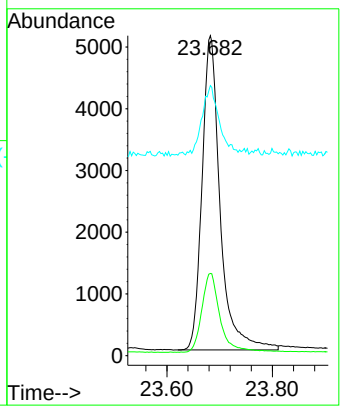


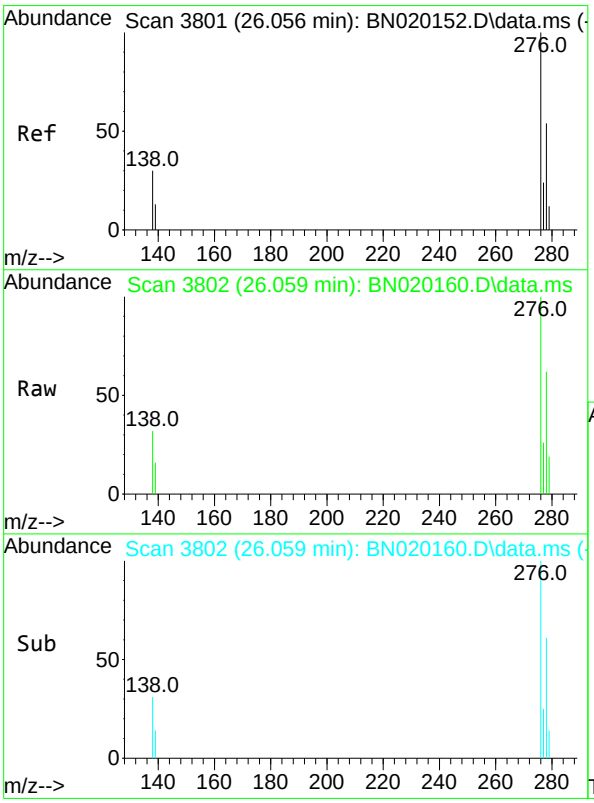
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.682 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN020160.D
Acq: 14 Jun 2022 17:10

Instrument :
BNA_N
ClientSampleId :
PB145484BSD

Tgt Ion:264 Resp: 12133

Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.9	31.3
265	84.4	28.0	42.0#

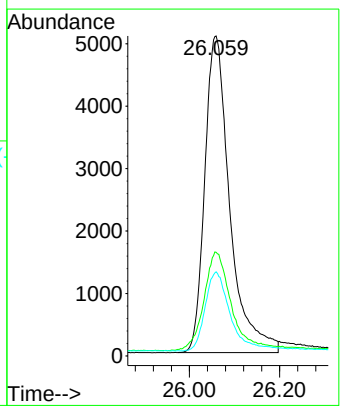


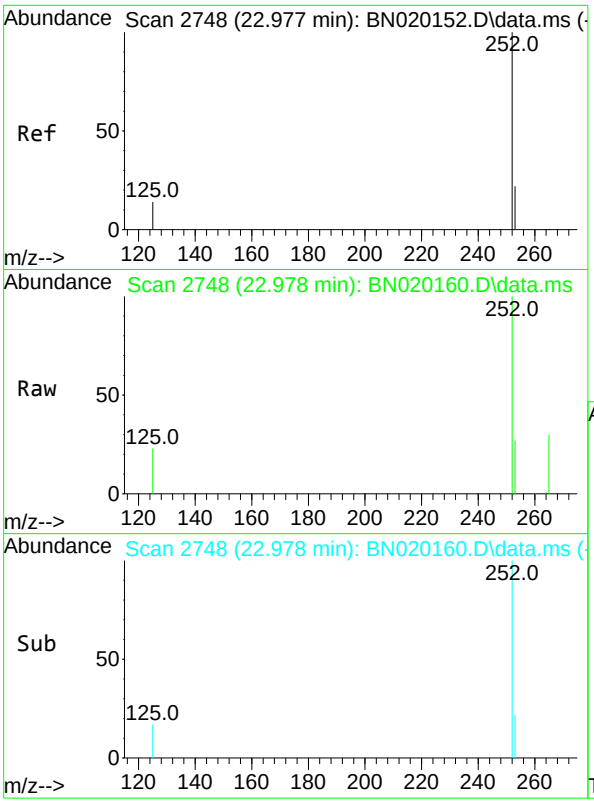


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.383 ng
RT: 26.059 min Scan# 3802
Delta R.T. 0.003 min
Lab File: BN020160.D
Acq: 14 Jun 2022 17:10

Tgt Ion:276 Resp: 19565

Ion	Ratio	Lower	Upper
276	100		
138	33.6	25.9	38.9
277	25.1	19.8	29.8



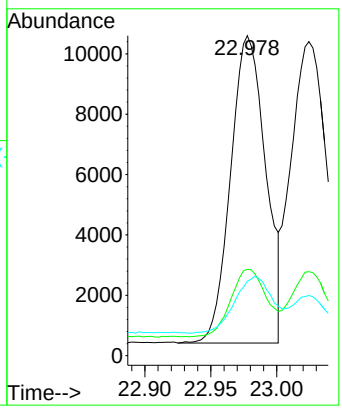


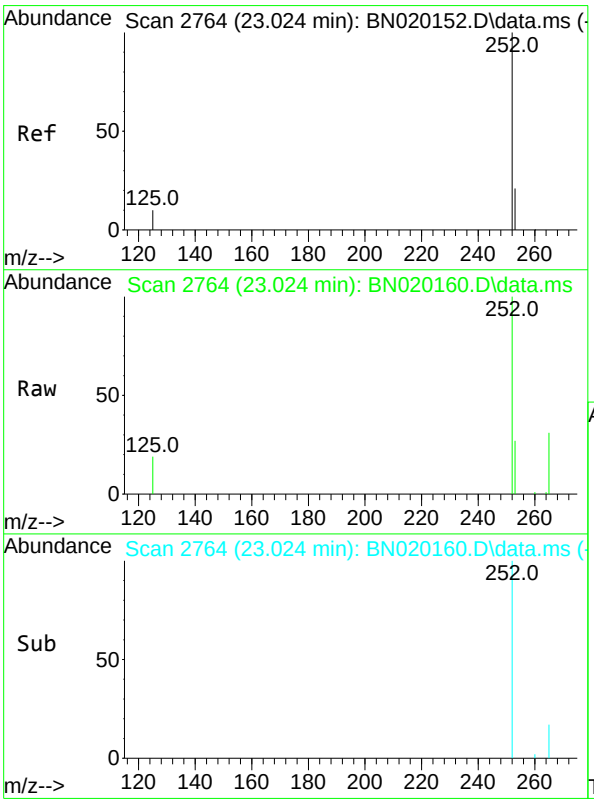
#37
Benzo(b)fluoranthene
Concen: 0.382 ng
RT: 22.978 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN020160.D
Acq: 14 Jun 2022 17:10

Instrument :
BNA_N
ClientSampleId :
PB145484BSD

Tgt Ion:252 Resp: 18876

Ion	Ratio	Lower	Upper
252	100		
253	27.0	18.5	27.7
125	23.3	11.4	17.0#

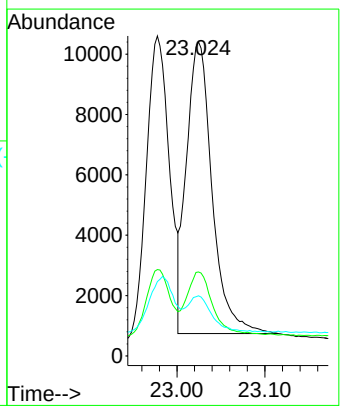


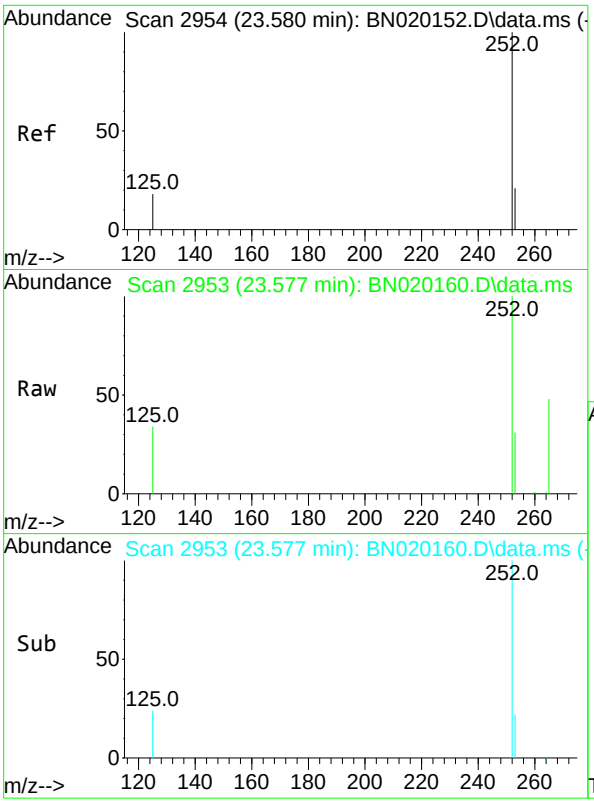


#38
Benzo(k)fluoranthene
Concen: 0.391 ng
RT: 23.024 min Scan# 2764
Delta R.T. 0.000 min
Lab File: BN020160.D
Acq: 14 Jun 2022 17:10

Tgt Ion:252 Resp: 19563

Ion	Ratio	Lower	Upper
252	100		
253	26.7	18.0	27.0
125	19.2	11.0	16.4#



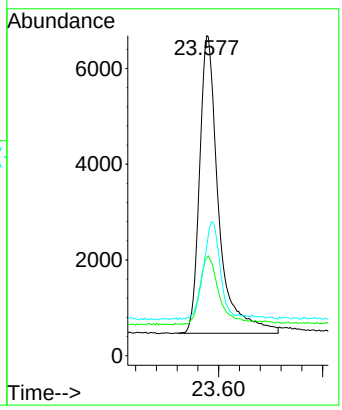


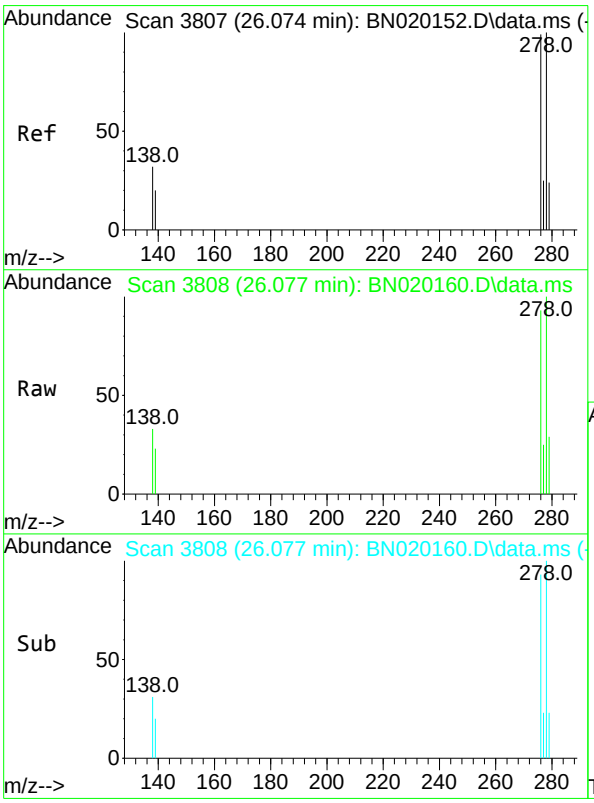
#39
Benzo(a)pyrene
Concen: 0.382 ng
RT: 23.577 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN020160.D
Acq: 14 Jun 2022 17:10

Instrument :
BNA_N
ClientSampleId :
PB145484BSD

Tgt Ion:252 Resp: 15820

Ion	Ratio	Lower	Upper
252	100		
253	30.6	19.0	28.4#
125	34.4	13.8	20.8#

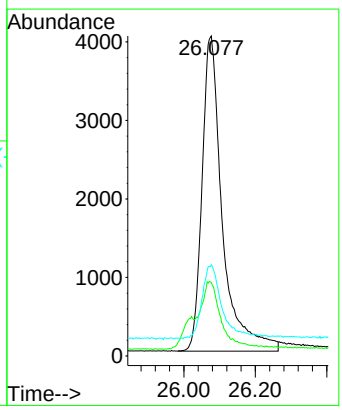


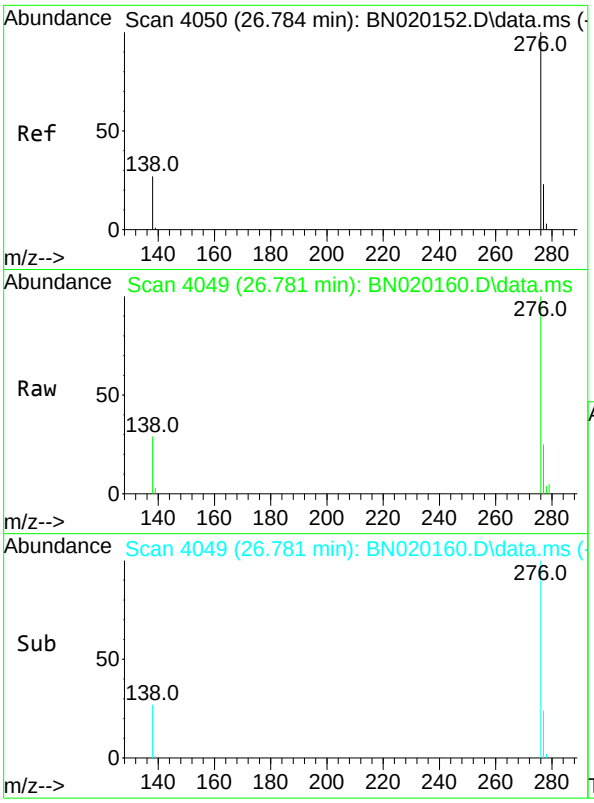


#40
Dibenzo(a,h)anthracene
Concen: 0.387 ng
RT: 26.077 min Scan# 3808
Delta R.T. 0.003 min
Lab File: BN020160.D
Acq: 14 Jun 2022 17:10

Tgt Ion:278 Resp: 15851

Ion	Ratio	Lower	Upper
278	100		
139	22.9	18.6	28.0
279	28.5	19.7	29.5





#41
Benzo(g,h,i)perylene
Concen: 0.383 ng
RT: 26.781 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN020160.D
Acq: 14 Jun 2022 17:10

Instrument :
BNA_N
ClientSampleId :
PB145484BSD

Tgt Ion:276 Resp: 17178

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