Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062222\
Data File : BN020338.D
Acq On : 22 Jun 2022 12:00
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Jun 22 13:18:56 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 13:17:14 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.797	152	910	0.400	ng	0.00
7) Naphthalene-d8	10.584	136	3281	0.400	ng	# 0.00
13) Acenaphthene-d10	14.420	164	2704	0.400	ng	0.00
19) Phenanthrene-d10	17.164	188	6780	0.400	ng	# 0.00
29) Chrysene-d12	21.351	240	8472	0.400	ng	0.00
35) Perylene-d12	23.659	264	9245	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	565	0.225	ng	0.00
5) Phenol-d6	7.017	99	663	0.232	ng	0.00
8) Nitrobenzene-d5	8.961	82	434	0.185	ng	0.00
11) 2-Methylnaphthalene-d10	12.178	152	1131	0.193	ng	0.00
14) 2,4,6-Tribromophenol	15.923	330	243	0.236	ng	0.01
15) 2-Fluorobiphenyl	13.052	172	1797	0.165	ng	0.00
27) Fluoranthene-d10	19.194	212	4704	0.223	ng	0.00
31) Terphenyl-d14	19.796	244	3418	0.166	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	293	0.273	ng	# 74
3) n-Nitrosodimethylamine	3.637	42	193	0.192	ng	97
6) bis(2-Chloroethyl)ether	7.226	93	541	0.218	ng	94
9) Naphthalene	10.626	128	1953	0.197	ng	# 87
10) Hexachlorobutadiene	10.914	225	329	0.187	ng	# 98
12) 2-Methylnaphthalene	12.250	142	1360	0.199	ng	# 94
16) Acenaphthylene	14.142	152	2354	0.184	ng	99
17) Acenaphthene	14.484	154	1735	0.194	ng	96
18) Fluorene	15.468	166	2482	0.206	ng	99
20) 4,6-Dinitro-2-methylph...	15.586	198	162	0.265	ng	# 6
21) 4-Bromophenyl-phenylether	16.364	248	727	0.183	ng	91
22) Hexachlorobenzene	16.477	284	844	0.193	ng	99
23) Atrazine	16.631	200	535	0.184	ng	# 85
24) Pentachlorophenol	16.836	266	322	0.206	ng	95
25) Phenanthrene	17.205	178	4508	0.194	ng	98
26) Anthracene	17.297	178	3741	0.189	ng	99
28) Fluoranthene	19.223	202	5920	0.227	ng	99
30) Pyrene	19.586	202	6331	0.173	ng	99
32) Benzo(a)anthracene	21.333	228	5650	0.179	ng	97
33) Chrysene	21.386	228	7064	0.208	ng	98
34) Bis(2-ethylhexyl)phtha...	21.261	149	2817	0.150	ng	# 100
36) Indeno(1,2,3-cd)pyrene	26.030	276	8414	0.216	ng	98
37) Benzo(b)fluoranthene	22.960	252	6939	0.184	ng	# 86
38) Benzo(k)fluoranthene	23.007	252	7018	0.184	ng	# 86
39) Benzo(a)pyrene	23.559	252	6005	0.190	ng	# 78
40) Dibenzo(a,h)anthracene	26.050	278	6441	0.206	ng	# 92
41) Benzo(g,h,i)perylene	26.752	276	7759	0.227	ng	96

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

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Misc :
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Instrument :
BNA_N
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Quant Time: Jun 22 13:18:56 2022
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 13:17:14 2022
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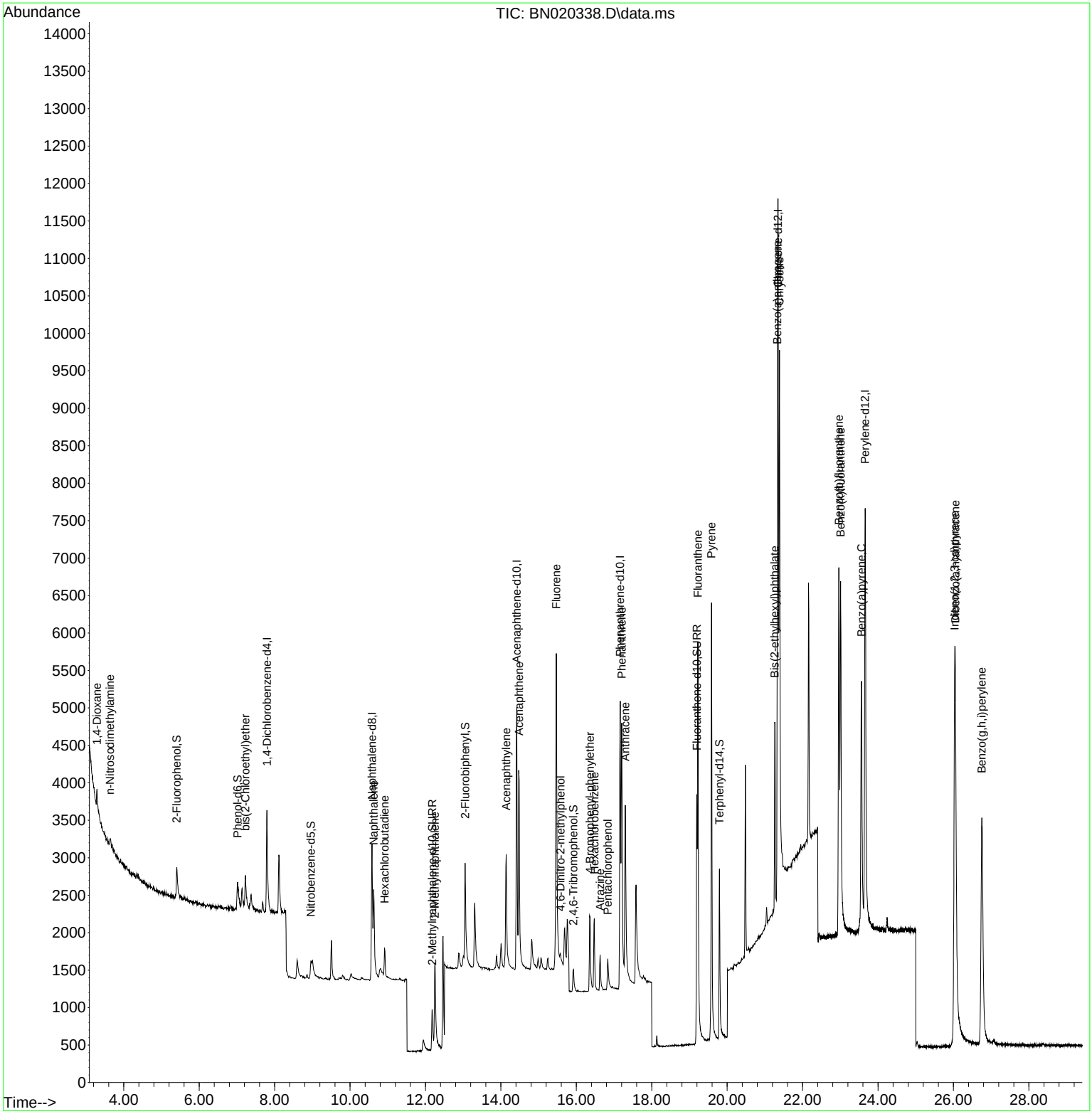
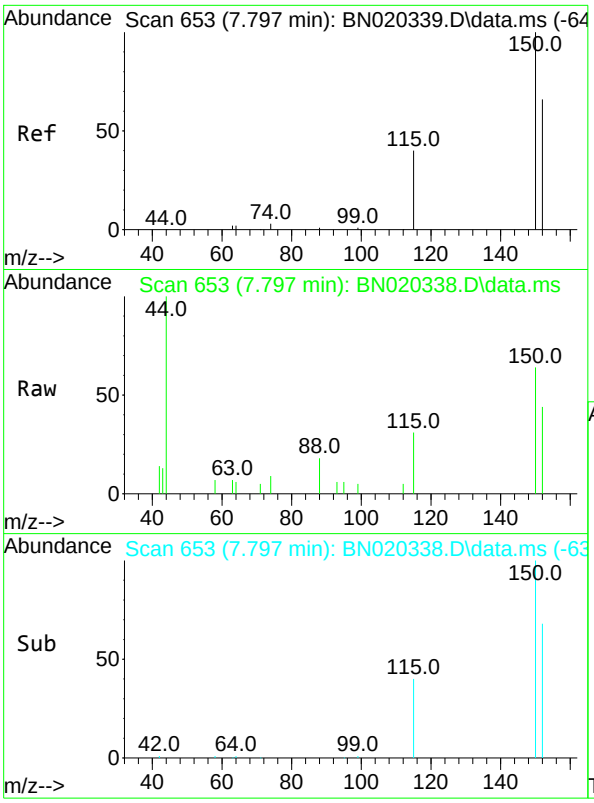


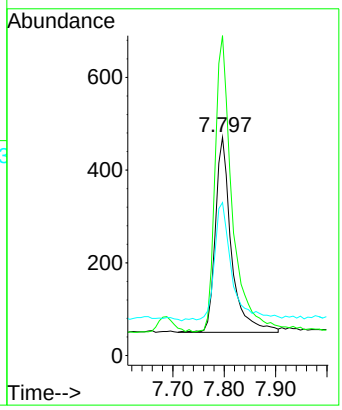


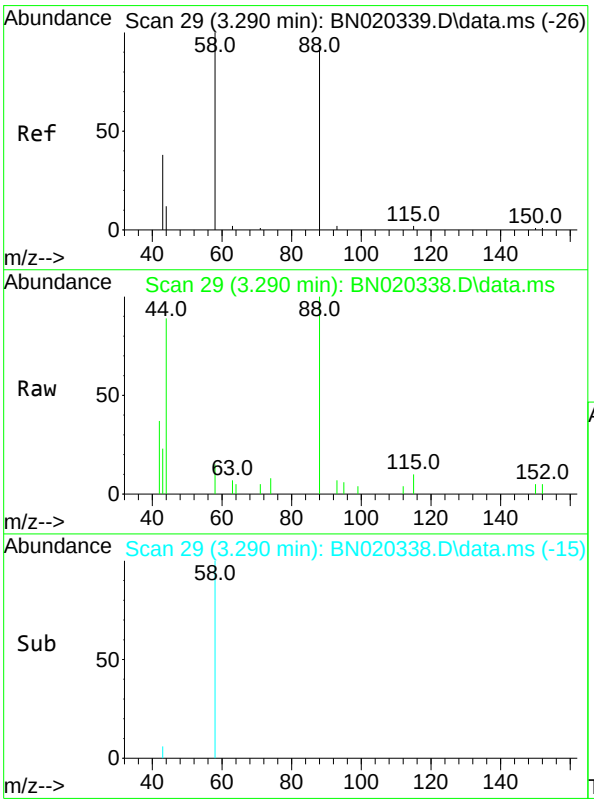
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.797 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN020338.D
Acq: 22 Jun 2022 12:00

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 910

Ion	Ratio	Lower	Upper
152	100		
150	146.5	127.9	191.9
115	70.1	51.4	77.2

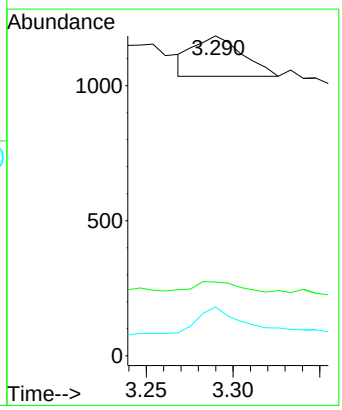


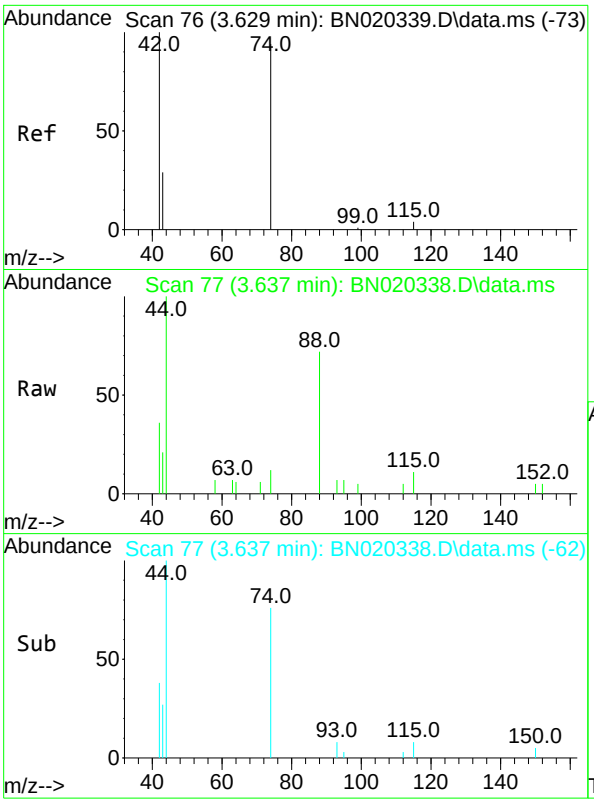


#2
1,4-Dioxane
Concen: 0.273 ng
RT: 3.290 min Scan# 29
Delta R.T. 0.000 min
Lab File: BN020338.D
Acq: 22 Jun 2022 12:00

Tgt Ion: 88 Resp: 293

Ion	Ratio	Lower	Upper
88	100		
43	22.9	30.2	45.2#
58	65.5	73.0	109.6#



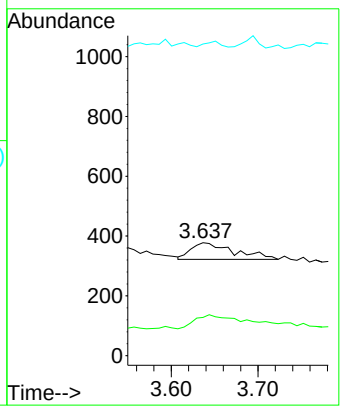


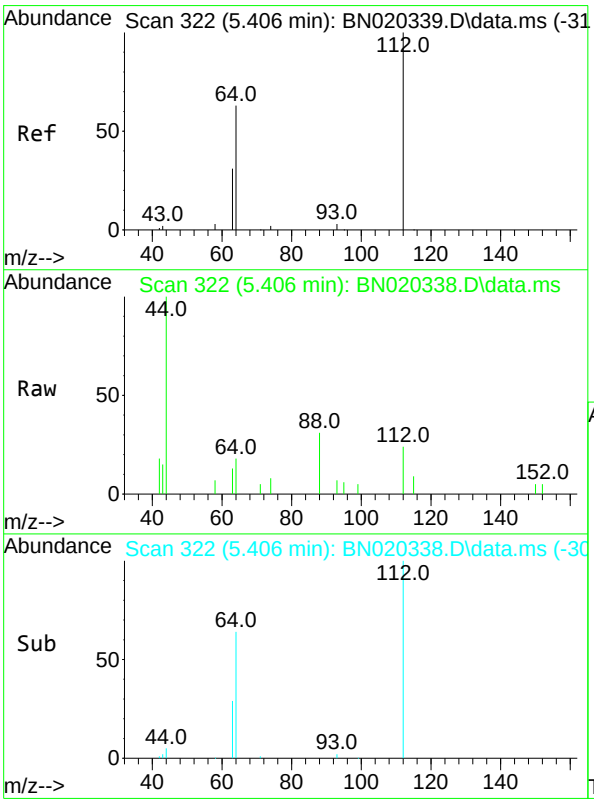
#3
n-Nitrosodimethylamine
Concen: 0.192 ng
RT: 3.637 min Scan# 7
Delta R.T. 0.007 min
Lab File: BN020338.D
Acq: 22 Jun 2022 12:00

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 193

Ion	Ratio	Lower	Upper
42	100		
74	102.1	84.0	126.0
44	11.4	9.8	14.8

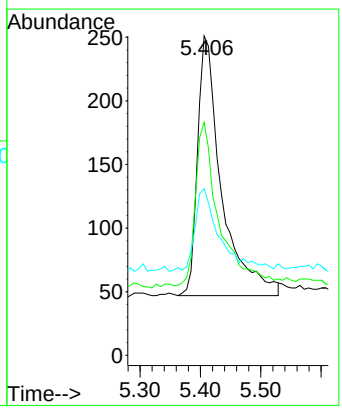


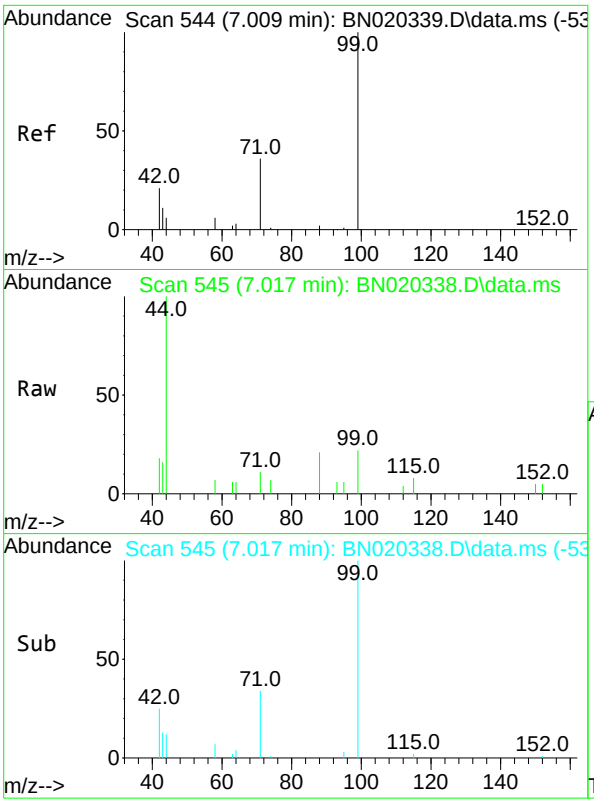


#4
2-Fluorophenol
Concen: 0.225 ng
RT: 5.406 min Scan# 322
Delta R.T. 0.000 min
Lab File: BN020338.D
Acq: 22 Jun 2022 12:00

Tgt Ion:112 Resp: 565

Ion	Ratio	Lower	Upper
112	100		
64	61.9	49.1	73.7
63	32.6	26.3	39.5



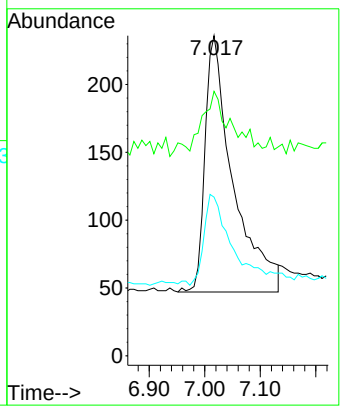


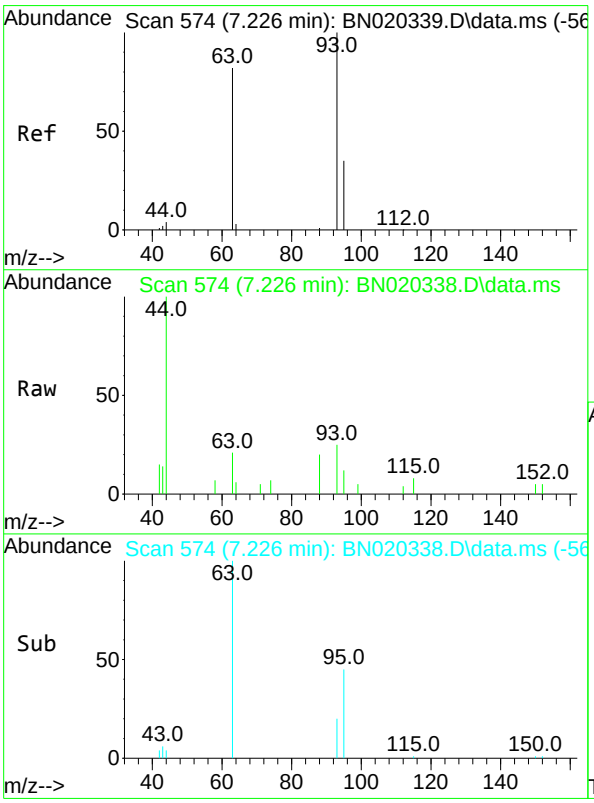
#5
Phenol-d6
Concen: 0.232 ng
RT: 7.017 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN020338.D
Acq: 22 Jun 2022 12:00

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 663

Ion	Ratio	Lower	Upper
99	100		
42	23.5	19.3	28.9
71	34.5	27.5	41.3

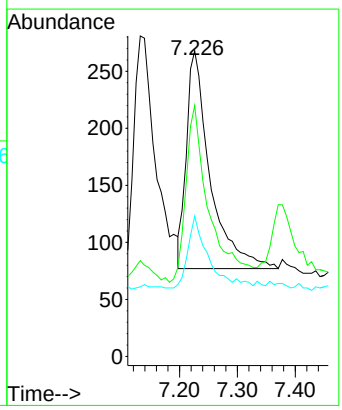


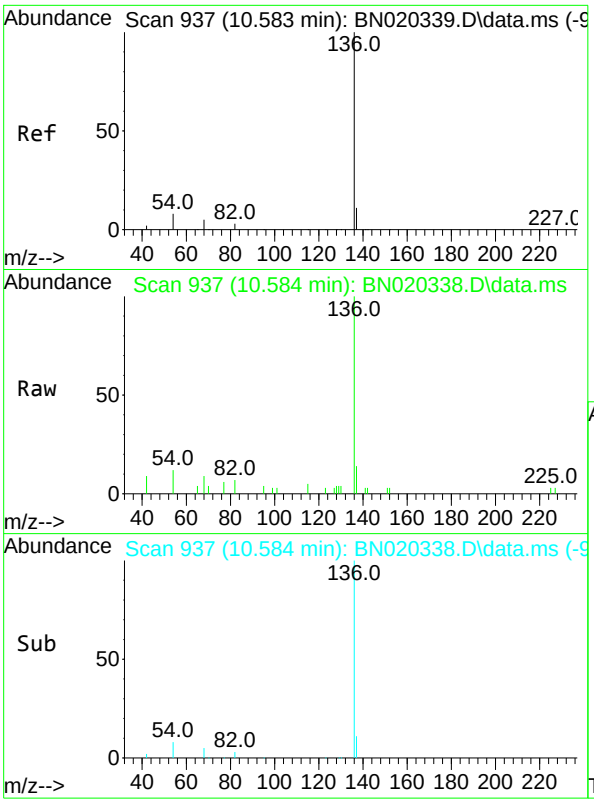


#6
bis(2-Chloroethyl)ether
Concen: 0.218 ng
RT: 7.226 min Scan# 574
Delta R.T. 0.000 min
Lab File: BN020338.D
Acq: 22 Jun 2022 12:00

Tgt Ion: 93 Resp: 541

Ion	Ratio	Lower	Upper
93	100		
63	80.4	67.4	101.0
95	26.6	26.5	39.7



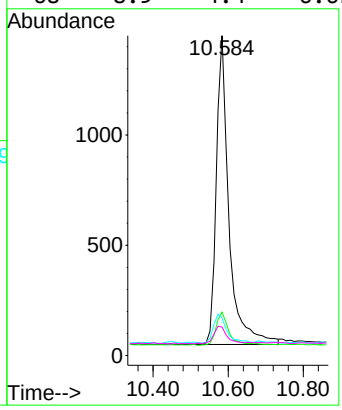


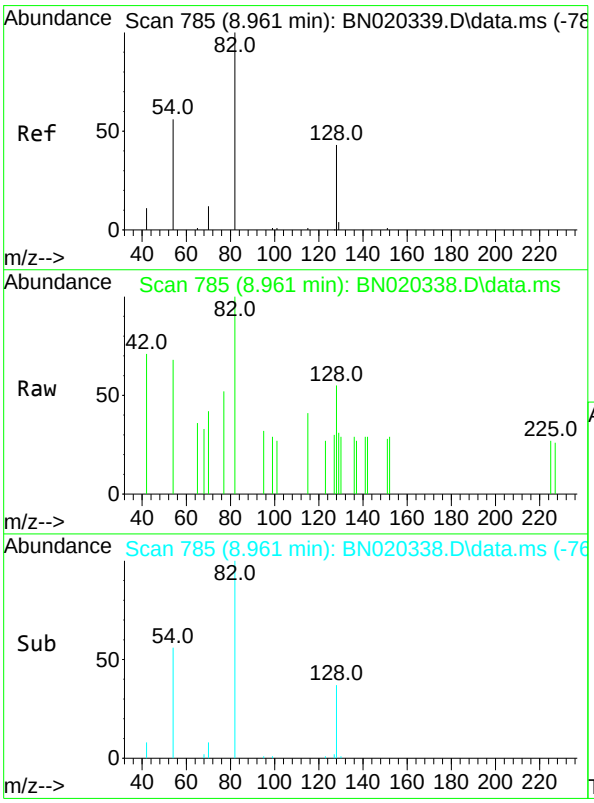
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.584 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN020338.D
Acq: 22 Jun 2022 12:00

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 3281

Ion	Ratio	Lower	Upper
136	100		
137	13.6	9.0	13.6#
54	11.7	6.2	9.2#
68	8.9	4.4	6.6#

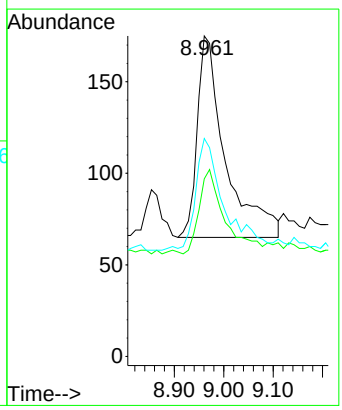


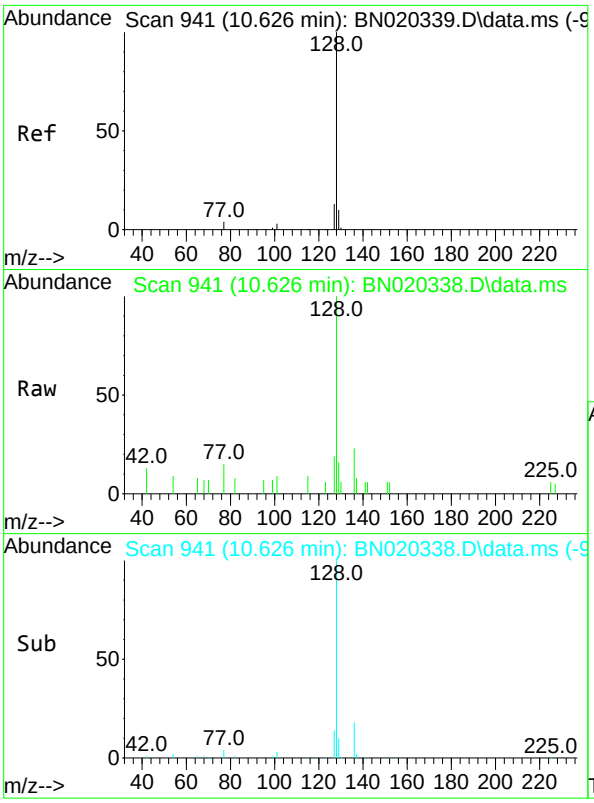


#8
Nitrobenzene-d5
Concen: 0.185 ng
RT: 8.961 min Scan# 785
Delta R.T. 0.000 min
Lab File: BN020338.D
Acq: 22 Jun 2022 12:00

Tgt Ion: 82 Resp: 434

Ion	Ratio	Lower	Upper
82	100		
128	55.4	35.0	52.6#
54	68.0	46.2	69.4



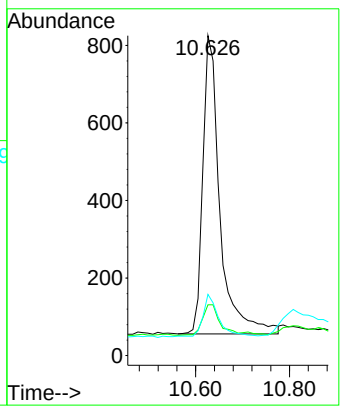


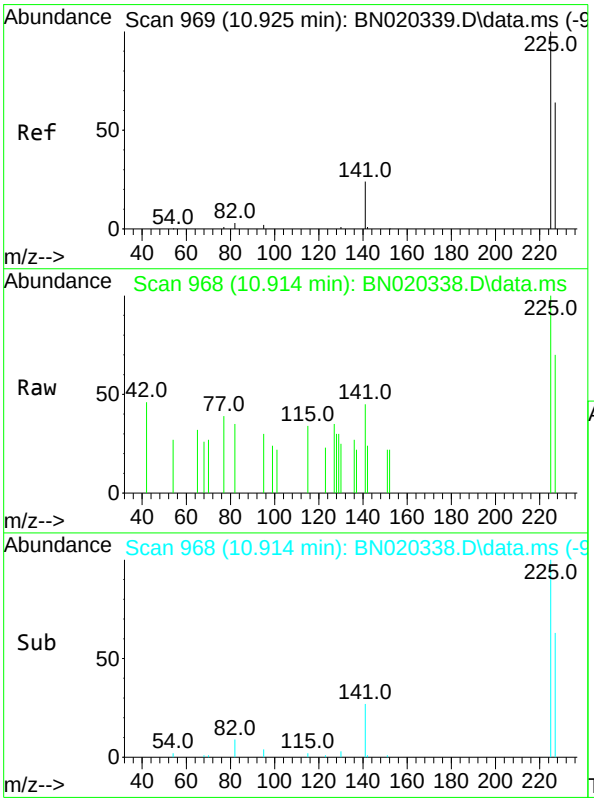
#9
Naphthalene
Concen: 0.197 ng
RT: 10.626 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN020338.D
Acq: 22 Jun 2022 12:00

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 1953

Ion	Ratio	Lower	Upper
128	100		
129	15.9	8.9	13.3#
127	19.2	10.8	16.2#

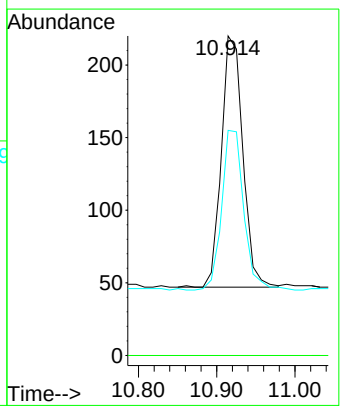


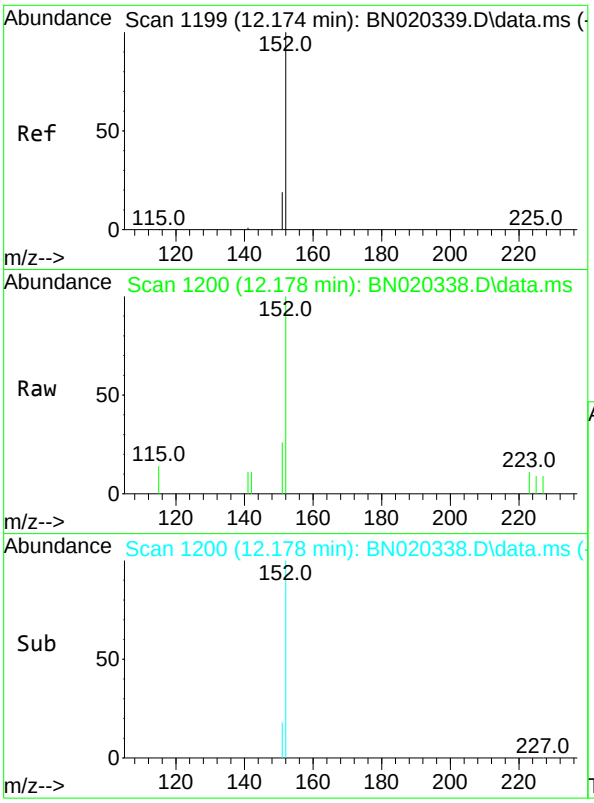


#10
Hexachlorobutadiene
Concen: 0.187 ng
RT: 10.914 min Scan# 968
Delta R.T. -0.011 min
Lab File: BN020338.D
Acq: 22 Jun 2022 12:00

Tgt Ion:225 Resp: 329

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	65.0	50.9	76.3



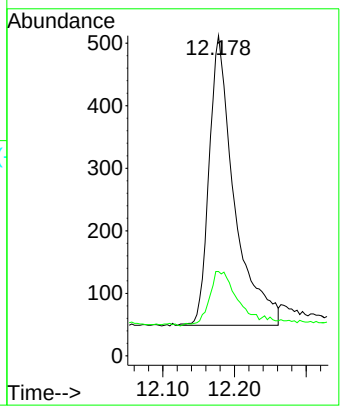


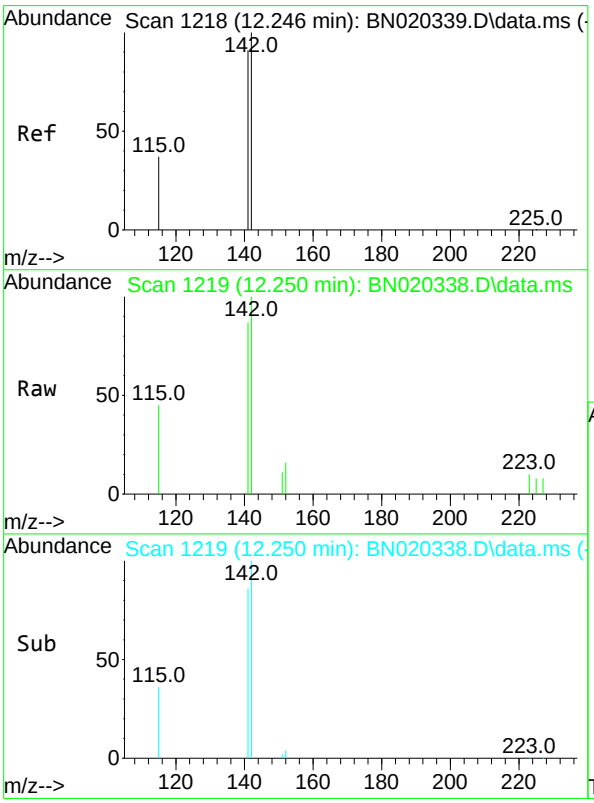
#11
2-Methylnaphthalene-d10
Concen: 0.193 ng
RT: 12.178 min Scan# 1
Delta R.T. 0.004 min
Lab File: BN020338.D
Acq: 22 Jun 2022 12:00

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 1131

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.2	24.4

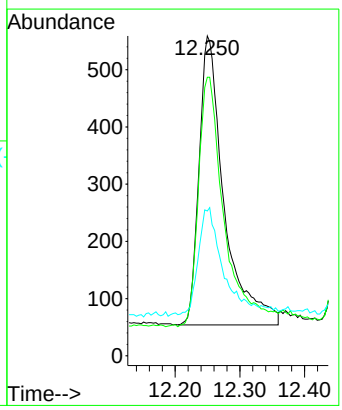


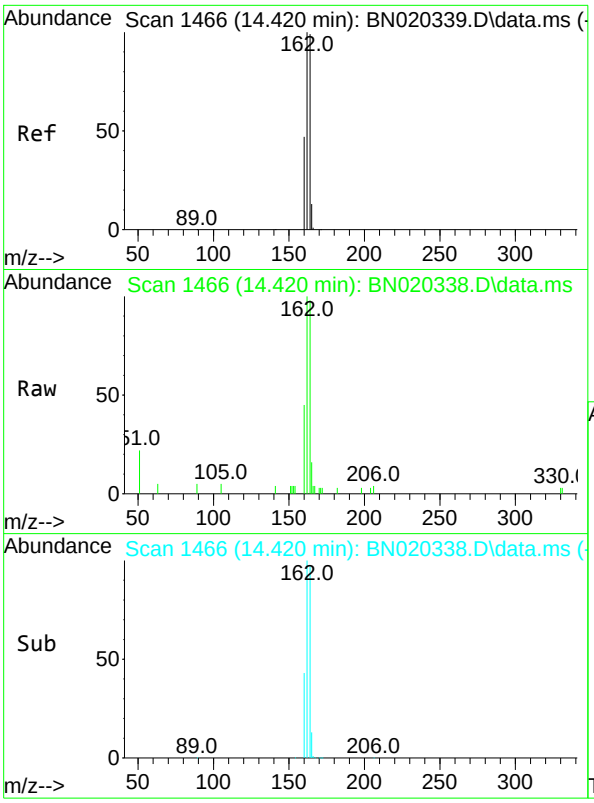


#12
2-Methylnaphthalene
Concen: 0.199 ng
RT: 12.250 min Scan# 1219
Delta R.T. 0.004 min
Lab File: BN020338.D
Acq: 22 Jun 2022 12:00

Tgt Ion:142 Resp: 1360

Ion	Ratio	Lower	Upper
142	100		
141	87.1	71.6	107.4
115	45.3	29.8	44.8#



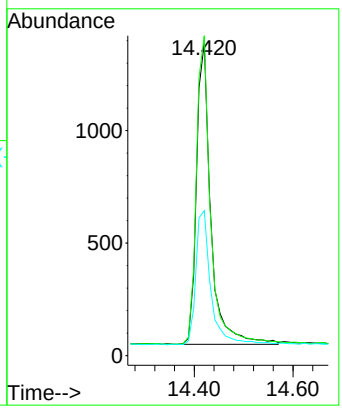


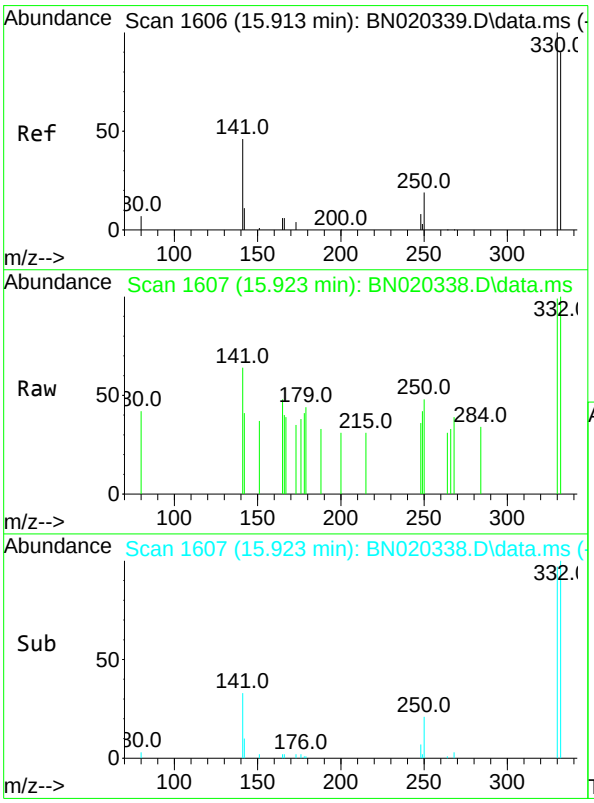
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.420 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN020338.D
Acq: 22 Jun 2022 12:00

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 2704

Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.1	123.1
160	46.4	38.6	58.0

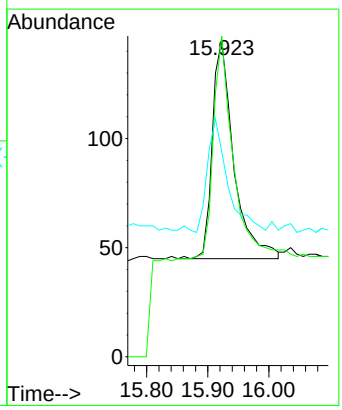


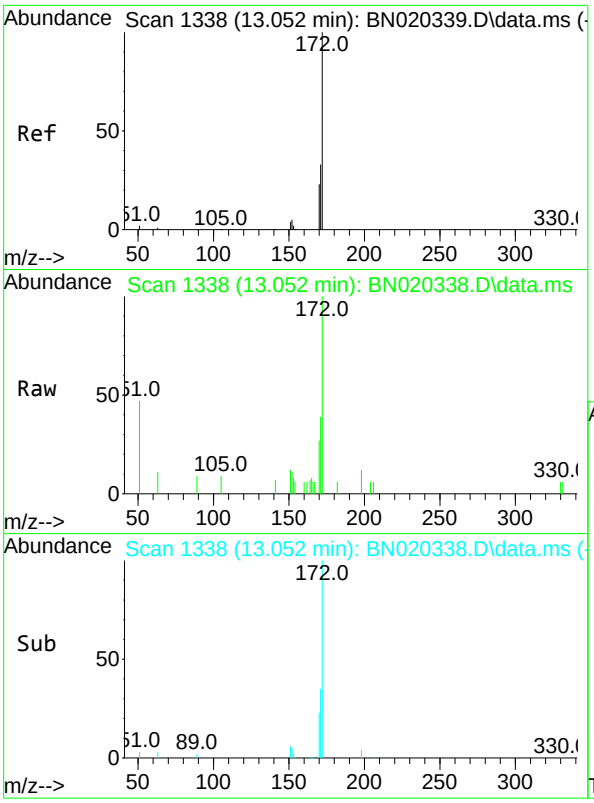


#14
2,4,6-Tribromophenol
Concen: 0.236 ng
RT: 15.923 min Scan# 1607
Delta R.T. 0.010 min
Lab File: BN020338.D
Acq: 22 Jun 2022 12:00

Tgt Ion:330 Resp: 243

Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.6	116.4
141	46.9	41.0	61.4



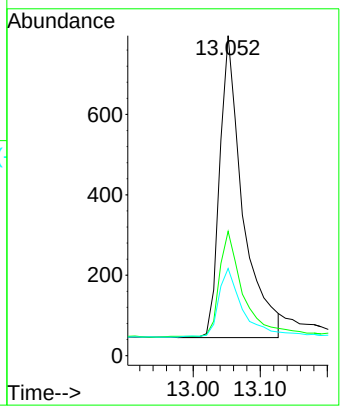


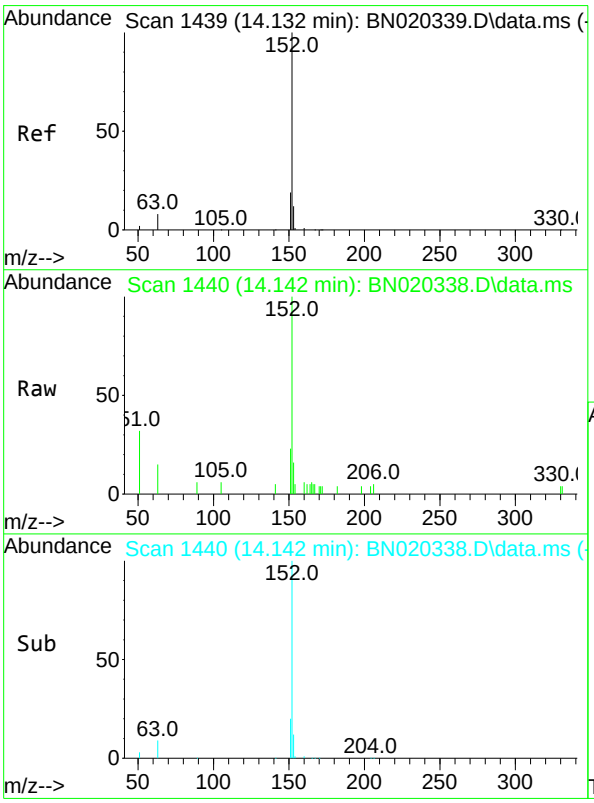
#15
2-Fluorobiphenyl
Concen: 0.165 ng
RT: 13.052 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN020338.D
Acq: 22 Jun 2022 12:00

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 1797

Ion	Ratio	Lower	Upper
172	100		
171	38.8	27.2	40.8
170	27.3	18.2	27.4

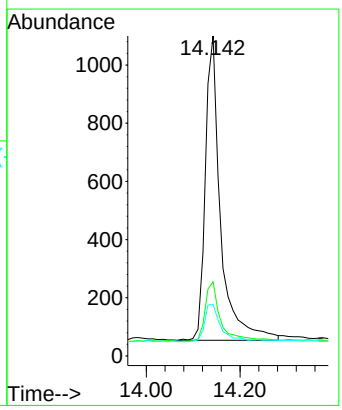


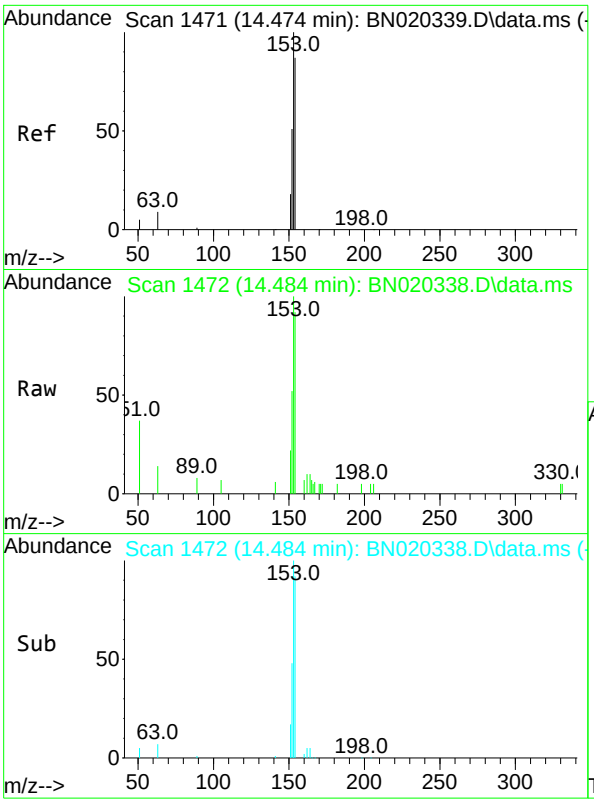


#16
Acenaphthylene
Concen: 0.184 ng
RT: 14.142 min Scan# 1440
Delta R.T. 0.011 min
Lab File: BN020338.D
Acq: 22 Jun 2022 12:00

Tgt Ion:152 Resp: 2354

Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.2	24.4
153	13.1	10.7	16.1



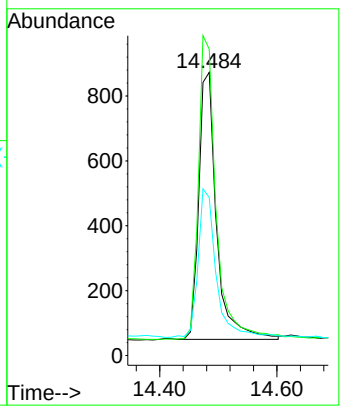


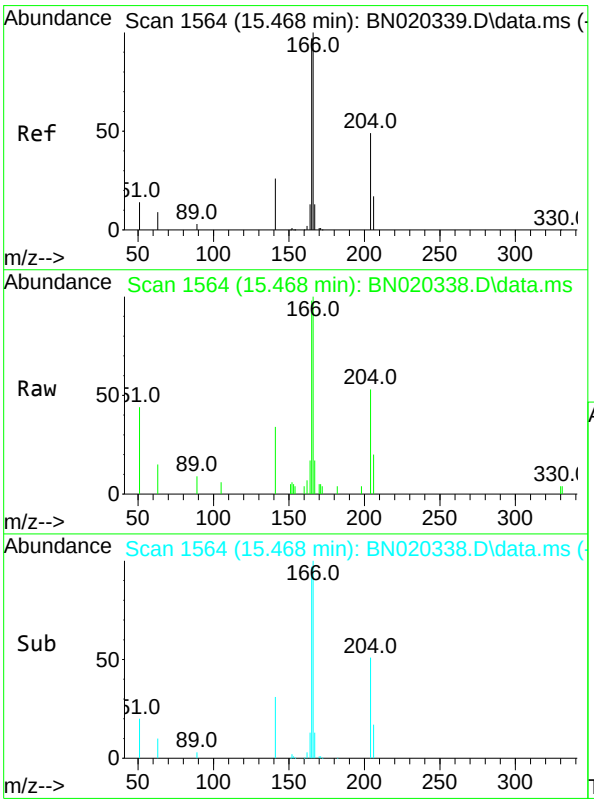
#17
Acenaphthene
Concen: 0.194 ng
RT: 14.484 min Scan# 14
Delta R.T. 0.011 min
Lab File: BN020338.D
Acq: 22 Jun 2022 12:00

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 1735

Ion	Ratio	Lower	Upper
154	100		
153	114.9	87.5	131.3
152	56.7	43.8	65.6

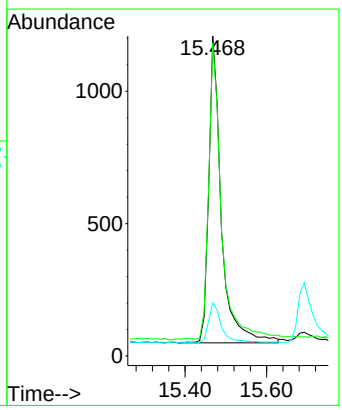


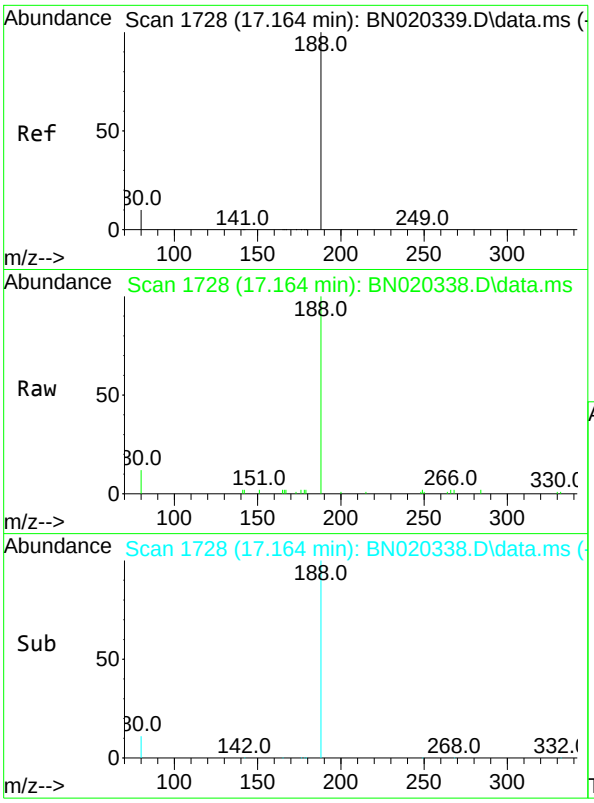


#18
Fluorene
Concen: 0.206 ng
RT: 15.468 min Scan# 1564
Delta R.T. 0.000 min
Lab File: BN020338.D
Acq: 22 Jun 2022 12:00

Tgt Ion:166 Resp: 2482

Ion	Ratio	Lower	Upper
166	100		
165	98.9	78.6	118.0
167	13.7	10.8	16.2



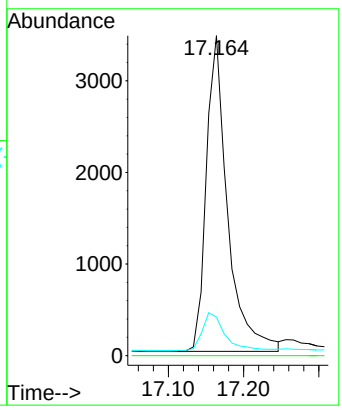


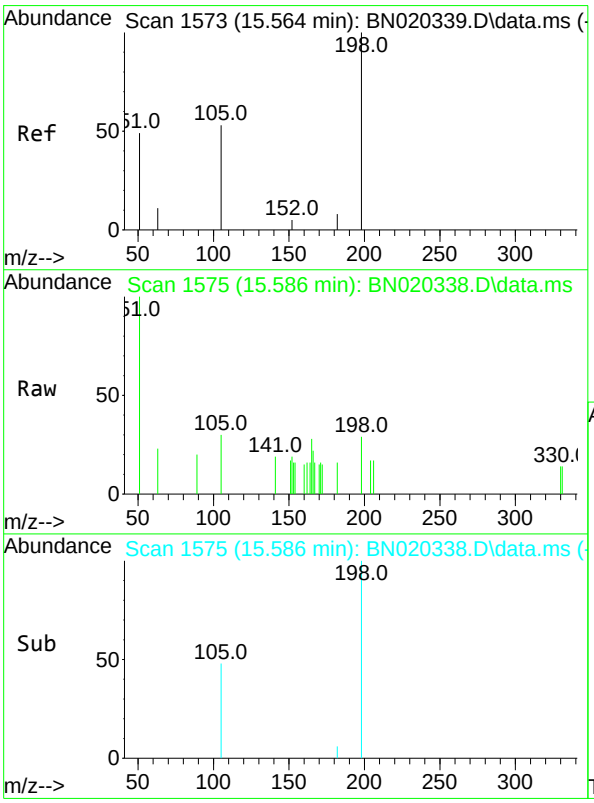
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN020338.D
Acq: 22 Jun 2022 12:00

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 6780

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.1	7.4	11.2#

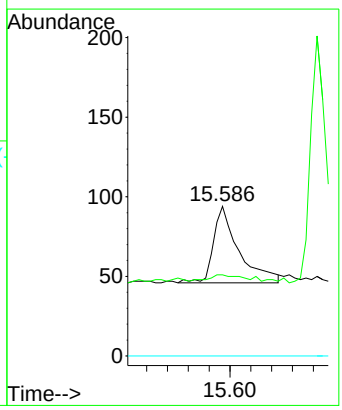


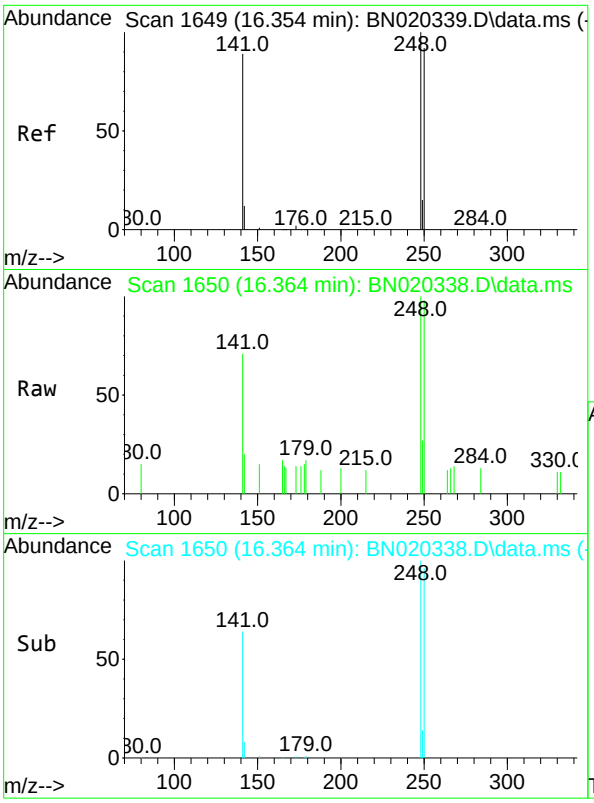


#20
4,6-Dinitro-2-methylphenol
Concen: 0.265 ng
RT: 15.586 min Scan# 1575
Delta R.T. 0.021 min
Lab File: BN020338.D
Acq: 22 Jun 2022 12:00

Tgt Ion:198 Resp: 162

Ion	Ratio	Lower	Upper
198	100		
182	54.3	12.1	18.1#
77	0.0	0.0	0.0



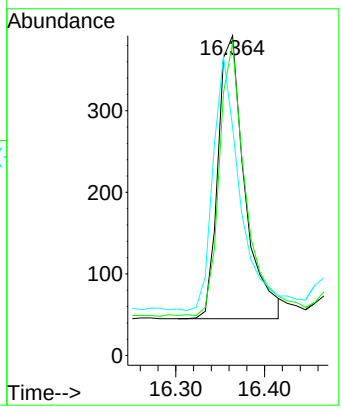


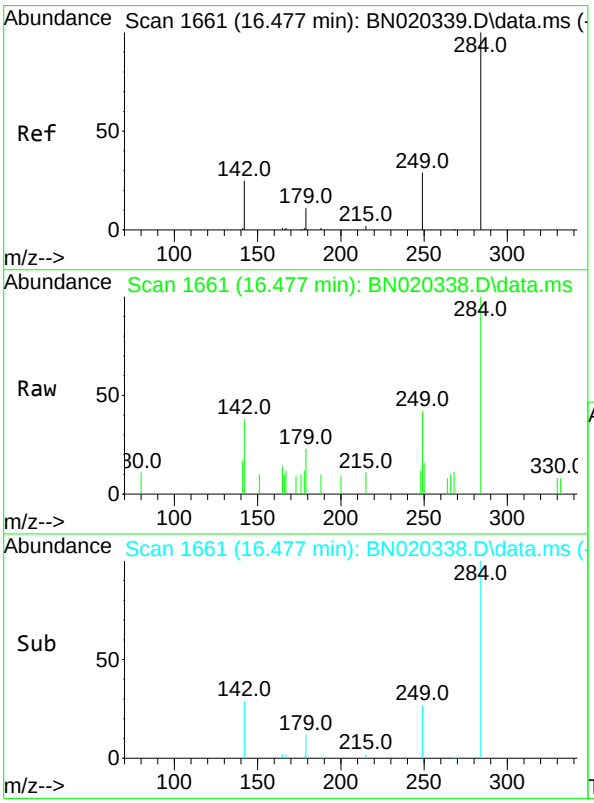
#21
4-Bromophenyl-phenylether
Concen: 0.183 ng
RT: 16.364 min Scan# 1(
Delta R.T. 0.010 min
Lab File: BN020338.D
Acq: 22 Jun 2022 12:00

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:248 Resp: 727

Ion	Ratio	Lower	Upper
248	100		
250	97.7	75.3	112.9
141	71.4	67.3	100.9

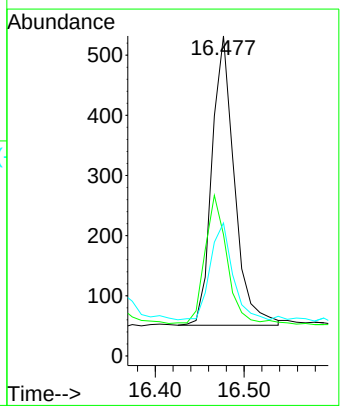


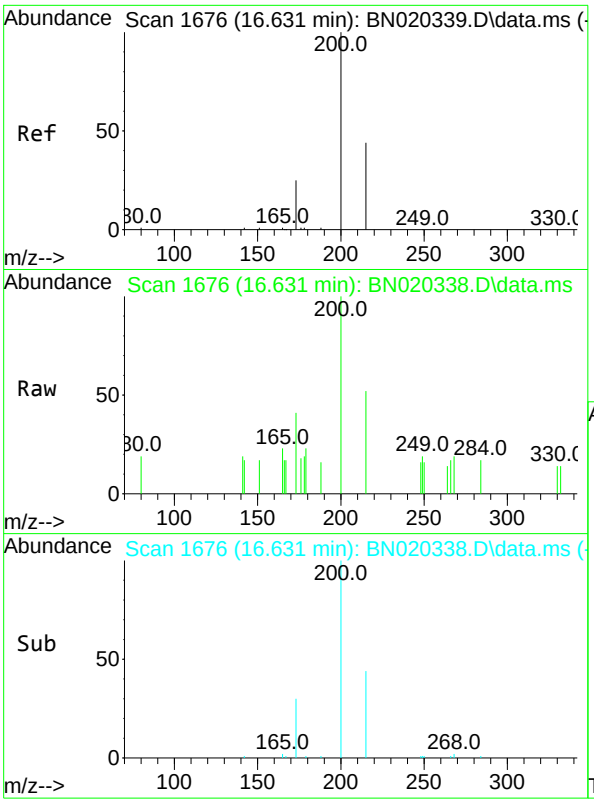


#22
Hexachlorobenzene
Concen: 0.193 ng
RT: 16.477 min Scan# 1661
Delta R.T. 0.000 min
Lab File: BN020338.D
Acq: 22 Jun 2022 12:00

Tgt Ion:284 Resp: 844

Ion	Ratio	Lower	Upper
284	100		
142	43.1	35.2	52.8
249	33.3	26.6	40.0



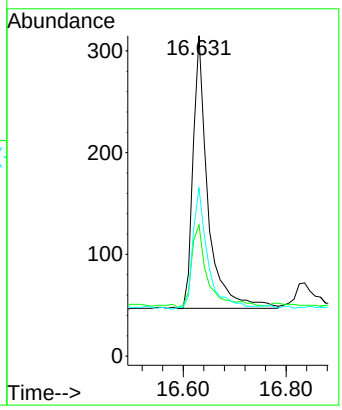


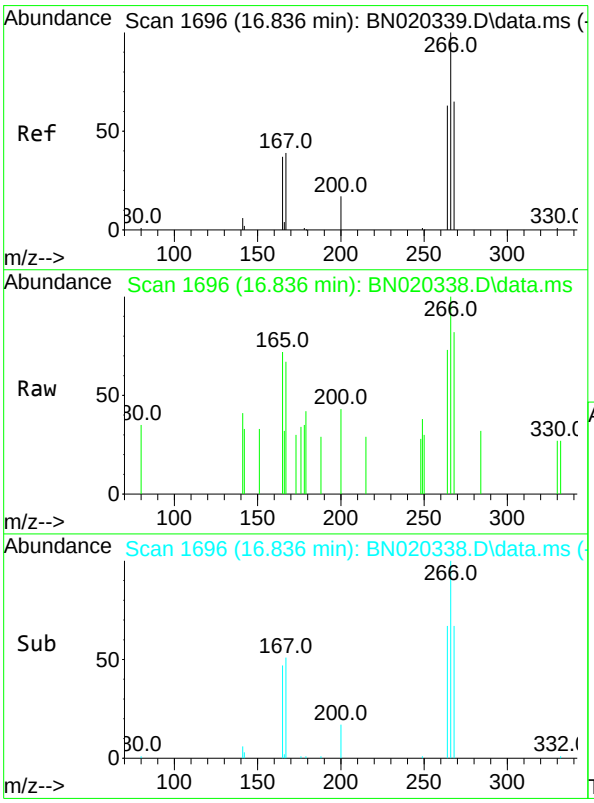
#23
Atrazine
Concen: 0.184 ng
RT: 16.631 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN020338.D
Acq: 22 Jun 2022 12:00

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:200 Resp: 535

Ion	Ratio	Lower	Upper
200	100		
173	41.0	23.6	35.4#
215	52.4	36.6	54.8

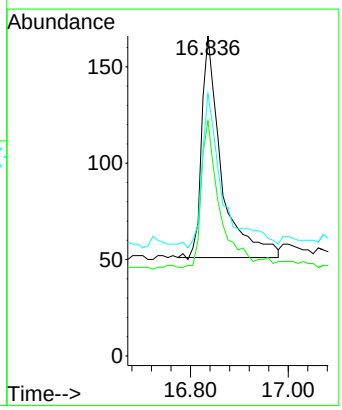


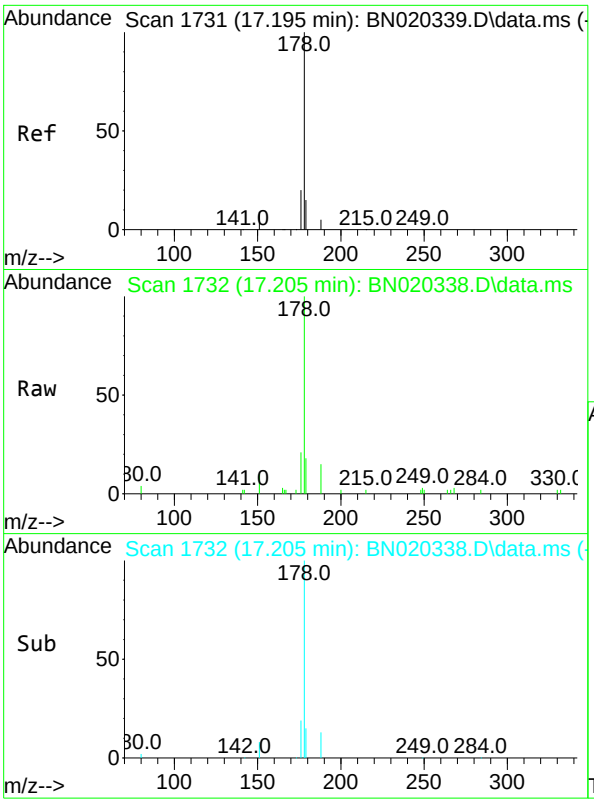


#24
Pentachlorophenol
Concen: 0.206 ng
RT: 16.836 min Scan# 1696
Delta R.T. 0.000 min
Lab File: BN020338.D
Acq: 22 Jun 2022 12:00

Tgt Ion:266 Resp: 322

Ion	Ratio	Lower	Upper
266	100		
264	60.9	51.3	76.9
268	70.8	52.6	79.0



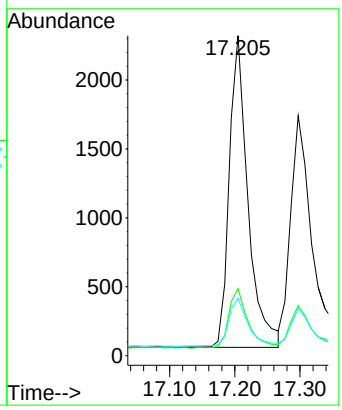


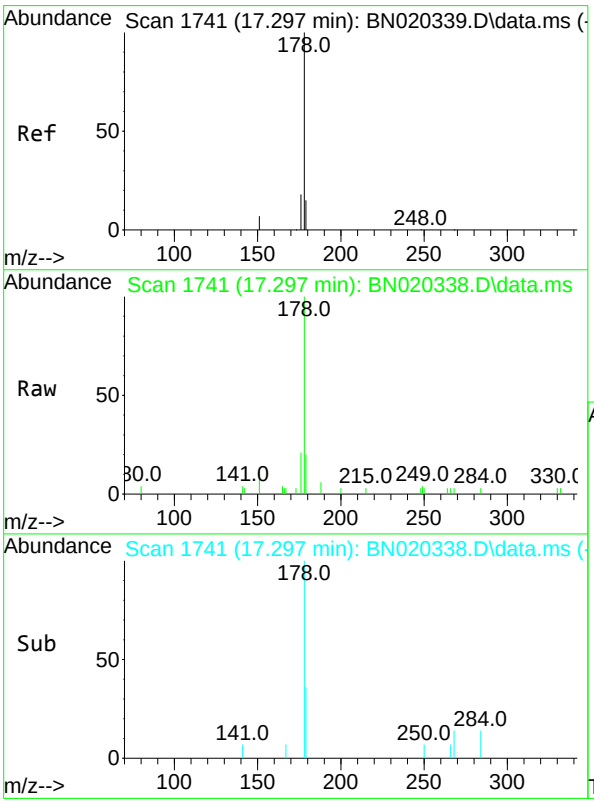
#25
Phenanthrene
Concen: 0.194 ng
RT: 17.205 min Scan# 1
Delta R.T. 0.010 min
Lab File: BN020338.D
Acq: 22 Jun 2022 12:00

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 4508

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.3	22.9
179	16.4	12.2	18.4

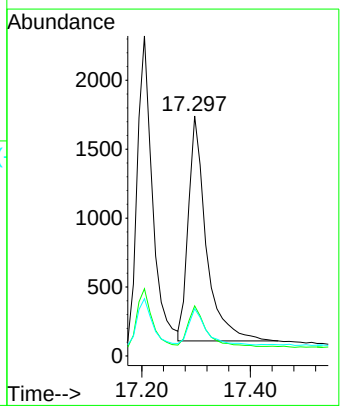


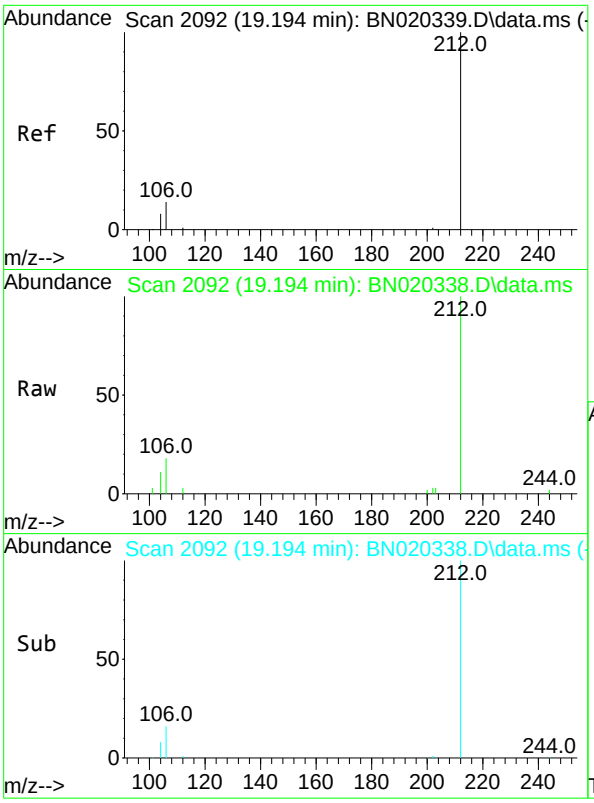


#26
Anthracene
Concen: 0.189 ng
RT: 17.297 min Scan# 1741
Delta R.T. 0.000 min
Lab File: BN020338.D
Acq: 22 Jun 2022 12:00

Tgt Ion:178 Resp: 3741

Ion	Ratio	Lower	Upper
178	100		
176	17.6	14.9	22.3
179	15.3	12.2	18.4



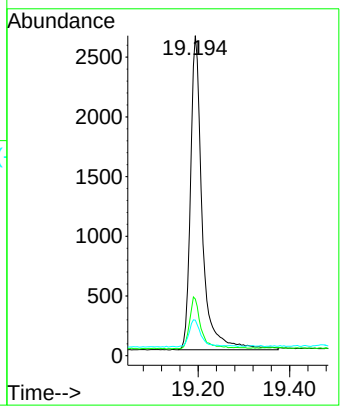


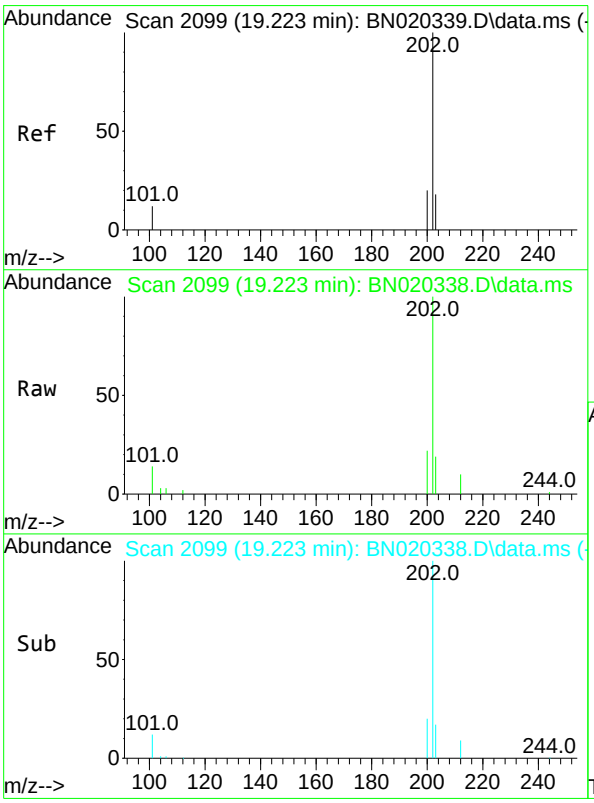
#27
Fluoranthene-d10
Concen: 0.223 ng
RT: 19.194 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN020338.D
Acq: 22 Jun 2022 12:00

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:212 Resp: 4704

Ion	Ratio	Lower	Upper
212	100		
106	15.7	12.6	19.0
104	8.7	7.2	10.8

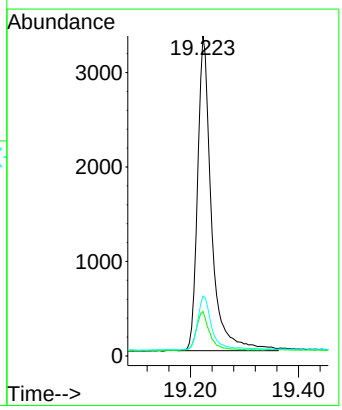


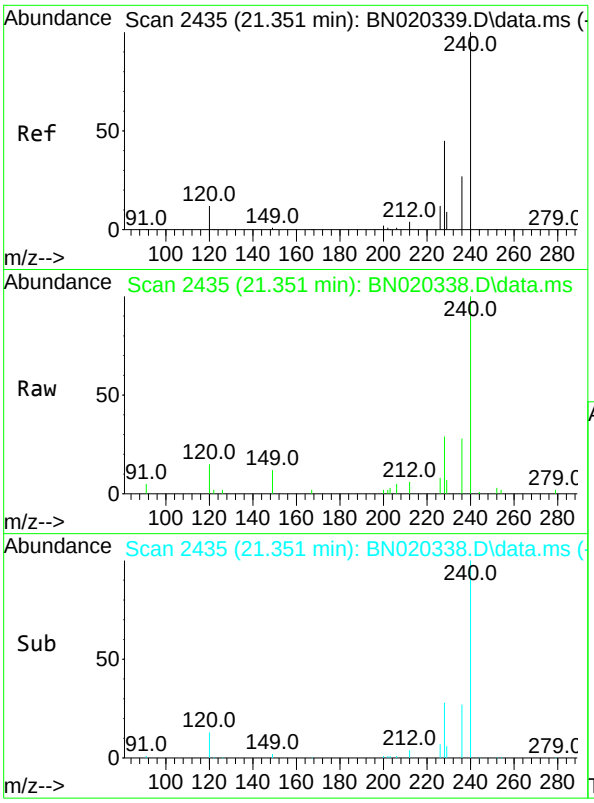


#28
Fluoranthene
Concen: 0.227 ng
RT: 19.223 min Scan# 2099
Delta R.T. 0.000 min
Lab File: BN020338.D
Acq: 22 Jun 2022 12:00

Tgt Ion:202 Resp: 5920

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.6	14.4
203	17.1	13.5	20.3



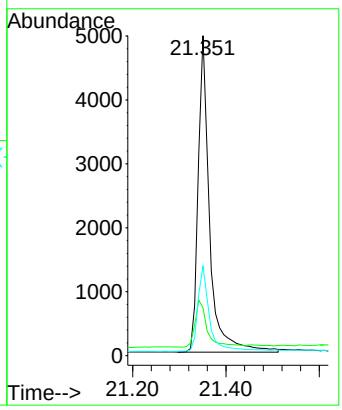


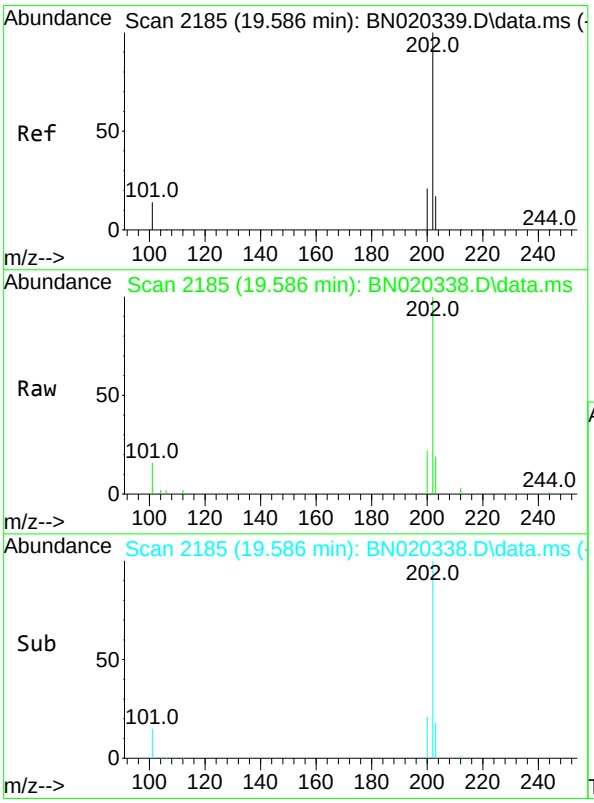
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.351 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN020338.D
Acq: 22 Jun 2022 12:00

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:240 Resp: 8472

Ion	Ratio	Lower	Upper
240	100		
120	15.0	14.6	21.8
236	28.0	22.6	33.8

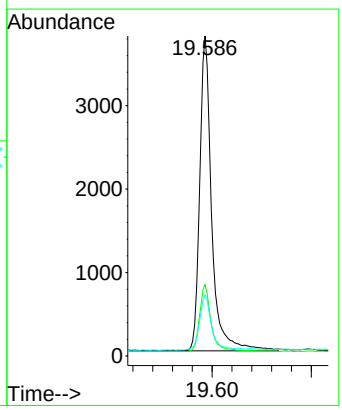


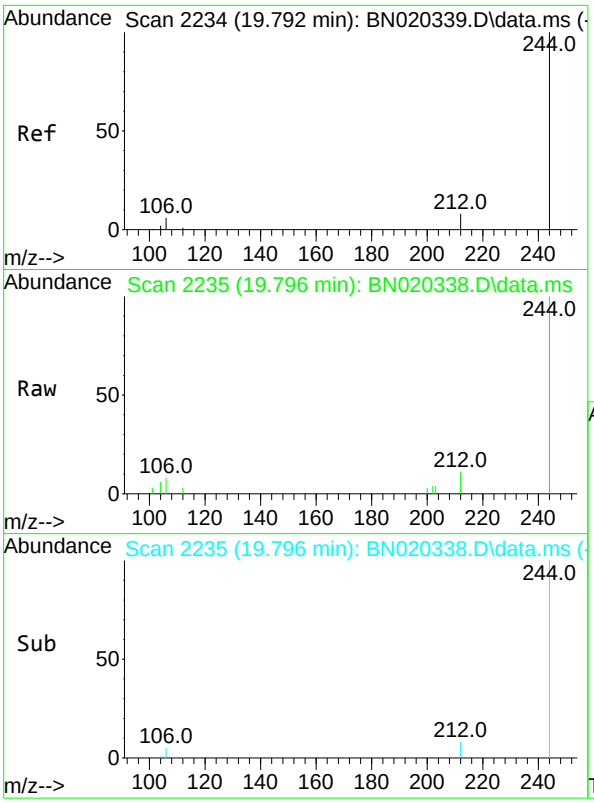


#30
Pyrene
Concen: 0.173 ng
RT: 19.586 min Scan# 2185
Delta R.T. 0.000 min
Lab File: BN020338.D
Acq: 22 Jun 2022 12:00

Tgt Ion:202 Resp: 6331

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.6	25.0
203	17.1	14.2	21.2



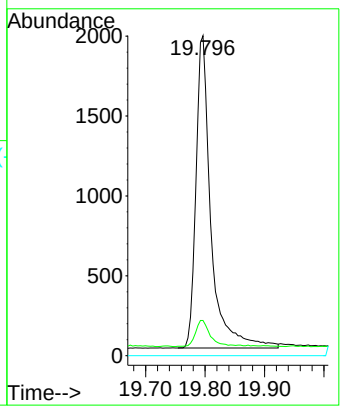


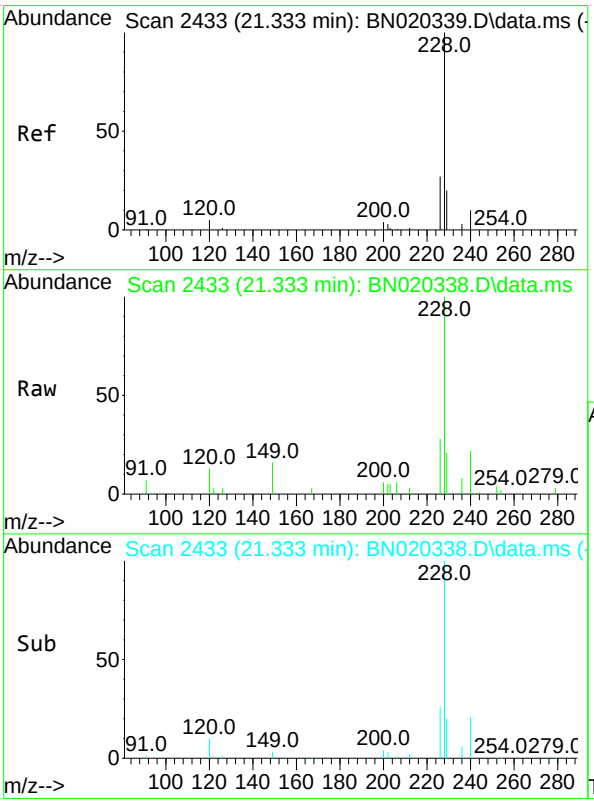
#31
Terphenyl-d14
Concen: 0.166 ng
RT: 19.796 min Scan# 2
Delta R.T. 0.004 min
Lab File: BN020338.D
Acq: 22 Jun 2022 12:00

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:244 Resp: 3418

Ion	Ratio	Lower	Upper
244	100		
212	11.0	7.1	10.7#
122	0.0	0.0	0.0

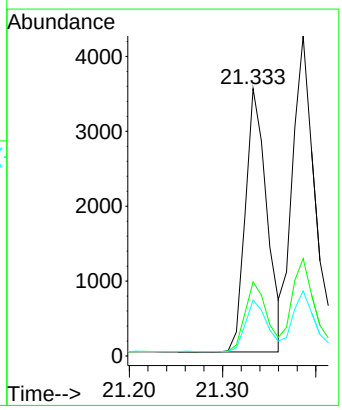


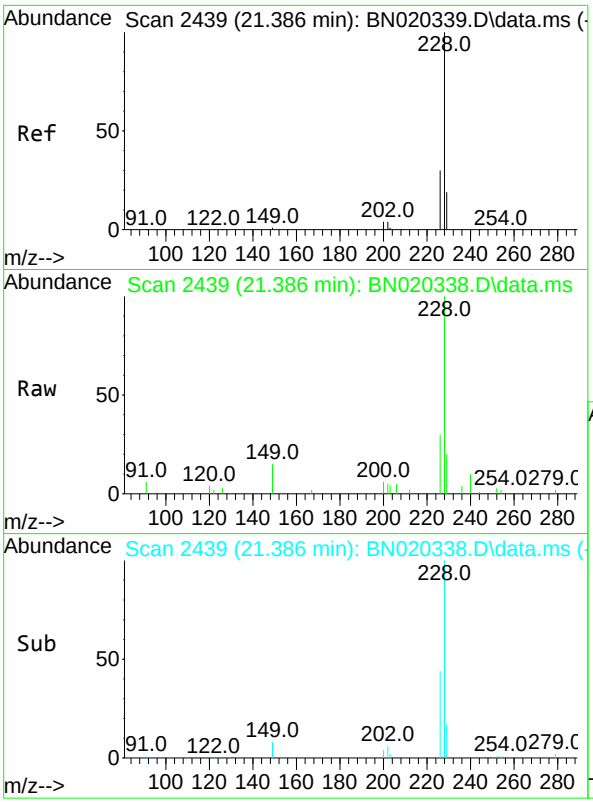


#32
Benzo(a)anthracene
Concen: 0.179 ng
RT: 21.333 min Scan# 2433
Delta R.T. 0.000 min
Lab File: BN020338.D
Acq: 22 Jun 2022 12:00

Tgt Ion:228 Resp: 5650

Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.2	31.8
229	20.9	15.6	23.4



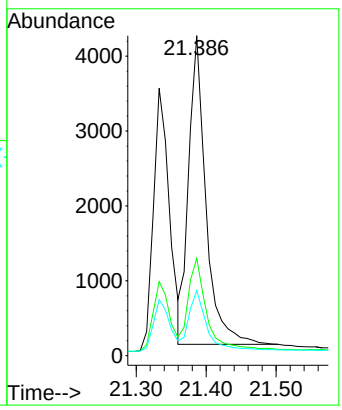


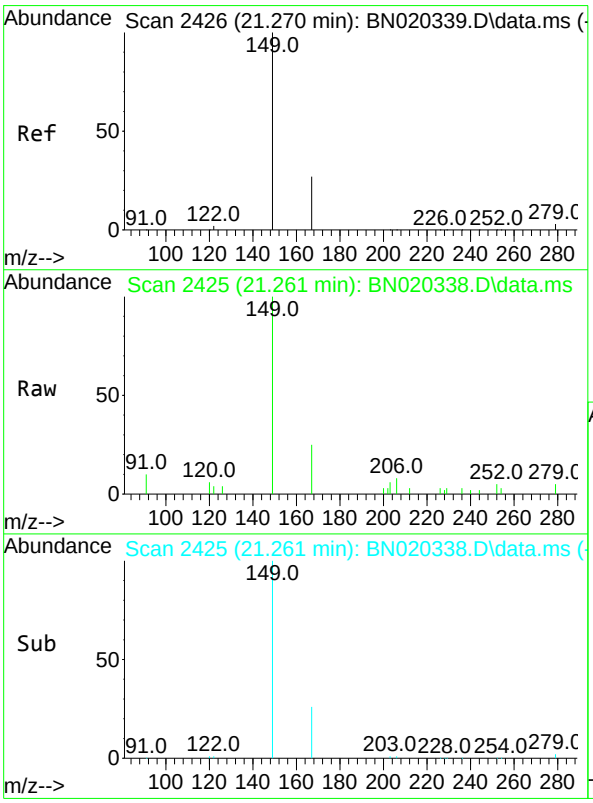
#33
Chrysene
Concen: 0.208 ng
RT: 21.386 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN020338.D
Acq: 22 Jun 2022 12:00

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 7064

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.4	35.0
229	20.4	15.7	23.5

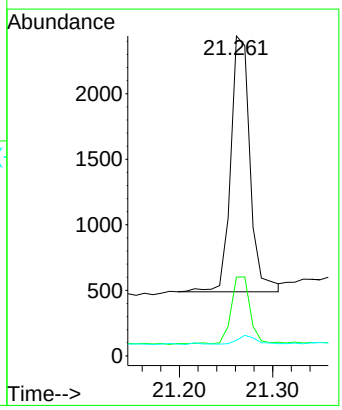


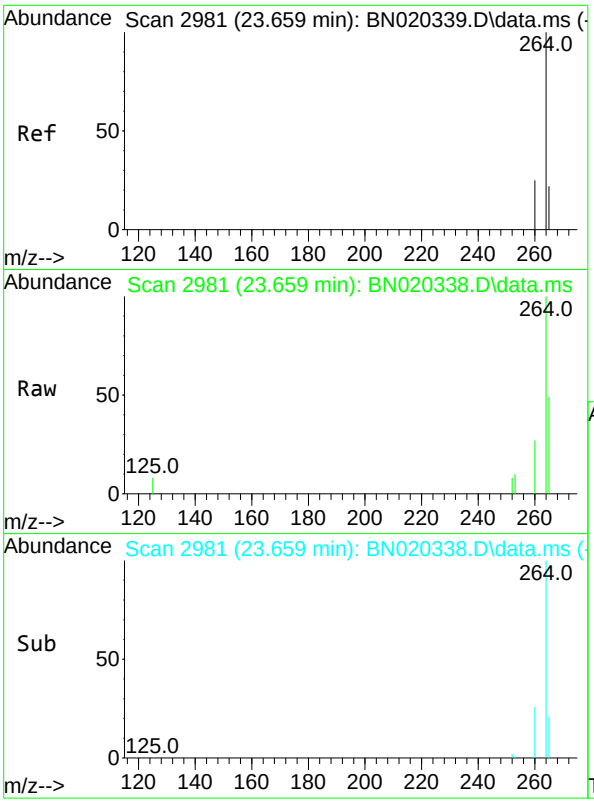


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.150 ng
RT: 21.261 min Scan# 2425
Delta R.T. -0.009 min
Lab File: BN020338.D
Acq: 22 Jun 2022 12:00

Tgt Ion:149 Resp: 2817

Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.7	32.5
279	3.4	2.2	3.2#



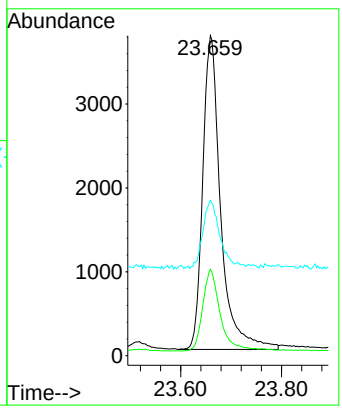


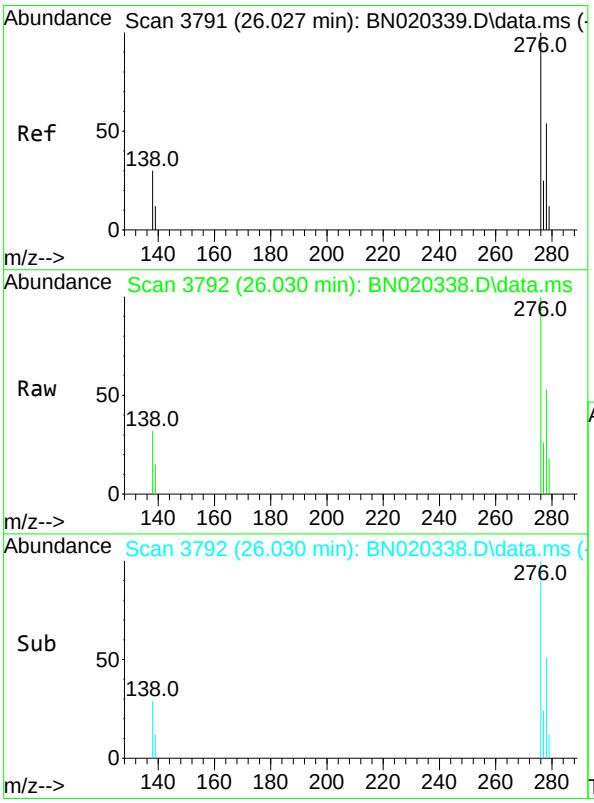
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.659 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN020338.D
Acq: 22 Jun 2022 12:00

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:264 Resp: 9245

Ion	Ratio	Lower	Upper
264	100		
260	27.0	20.9	31.3
265	48.6	28.0	42.0#

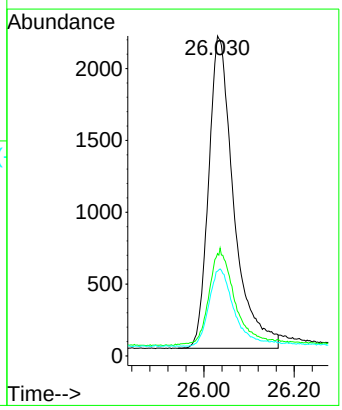


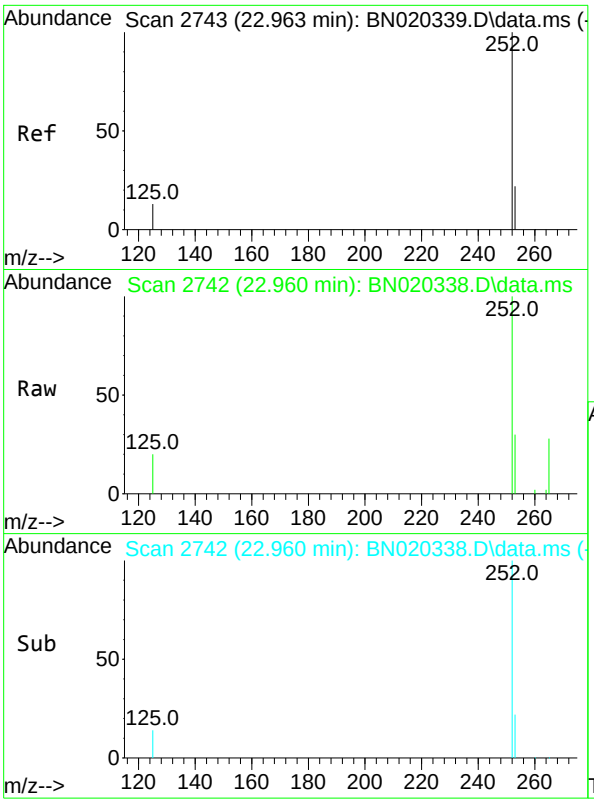


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.216 ng
RT: 26.030 min Scan# 3792
Delta R.T. 0.003 min
Lab File: BN020338.D
Acq: 22 Jun 2022 12:00

Tgt Ion:276 Resp: 8414

Ion	Ratio	Lower	Upper
276	100		
138	31.3	25.9	38.9
277	24.2	19.8	29.8



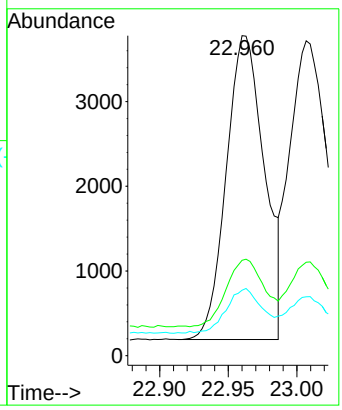


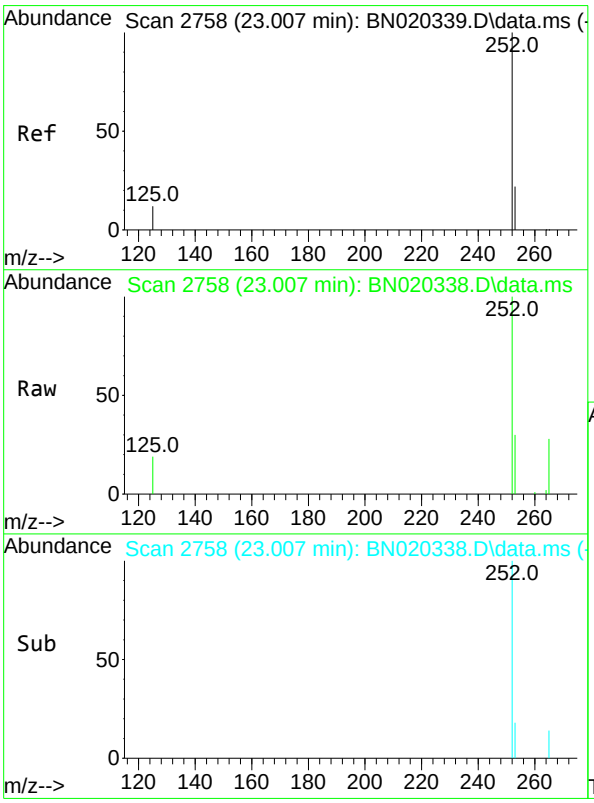
#37
Benzo(b)fluoranthene
Concen: 0.184 ng
RT: 22.960 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN020338.D
Acq: 22 Jun 2022 12:00

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 6939

Ion	Ratio	Lower	Upper
252	100		
253	29.8	18.5	27.7#
125	20.4	11.4	17.0#

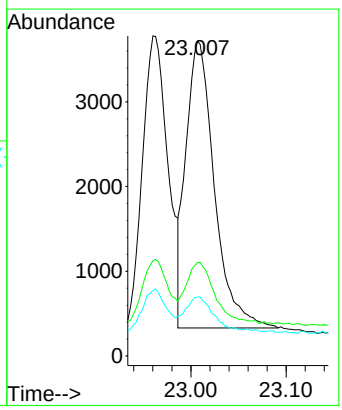


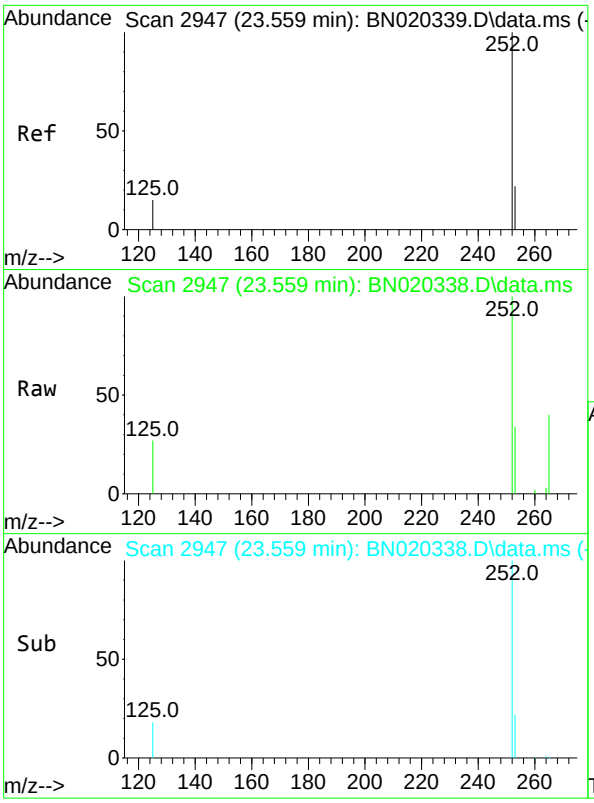


#38
Benzo(k)fluoranthene
Concen: 0.184 ng
RT: 23.007 min Scan# 2758
Delta R.T. 0.000 min
Lab File: BN020338.D
Acq: 22 Jun 2022 12:00

Tgt Ion:252 Resp: 7018

Ion	Ratio	Lower	Upper
252	100		
253	29.7	18.0	27.0#
125	18.7	11.0	16.4#



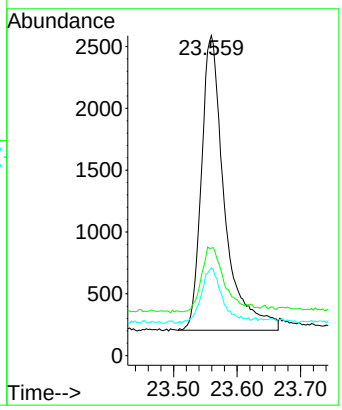


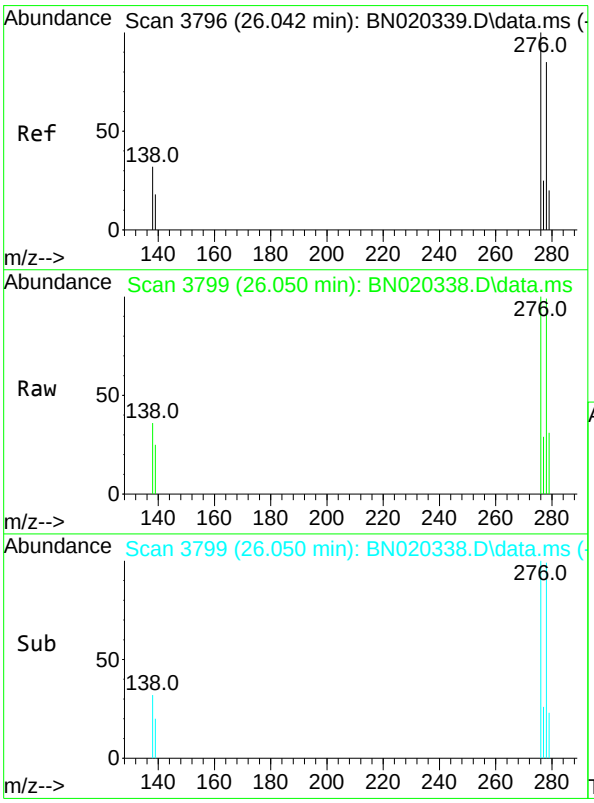
#39
Benzo(a)pyrene
Concen: 0.190 ng
RT: 23.559 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN020338.D
Acq: 22 Jun 2022 12:00

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 6005

Ion	Ratio	Lower	Upper
252	100		
253	33.6	19.0	28.4#
125	27.5	13.8	20.8#

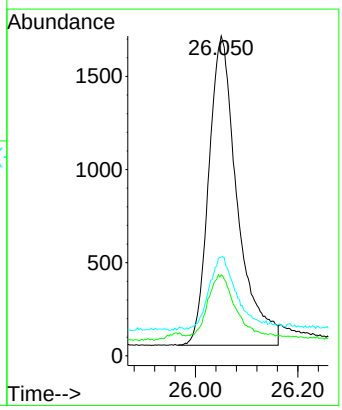


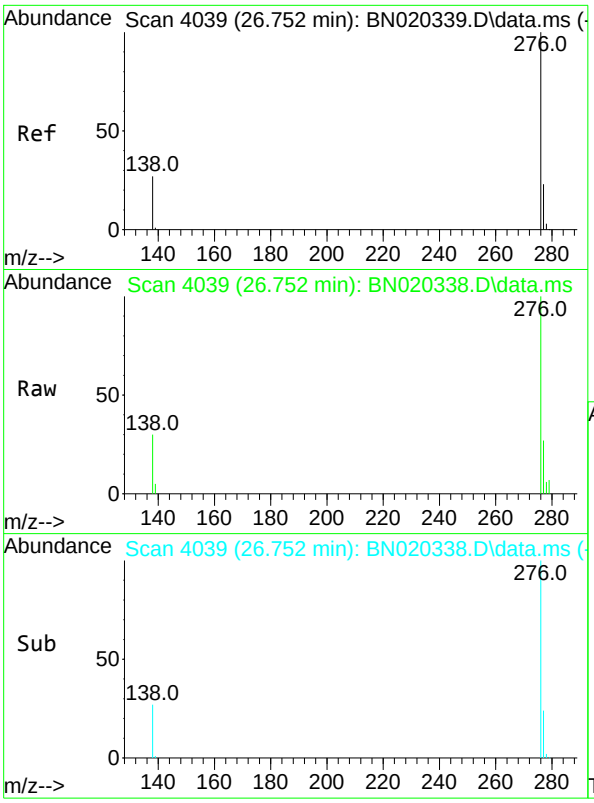


#40
Dibenzo(a,h)anthracene
Concen: 0.206 ng
RT: 26.050 min Scan# 3799
Delta R.T. 0.009 min
Lab File: BN020338.D
Acq: 22 Jun 2022 12:00

Tgt Ion:278 Resp: 6441

Ion	Ratio	Lower	Upper
278	100		
139	25.3	18.6	28.0
279	30.8	19.7	29.5#





#41
Benzo(g,h,i)perylene
Concen: 0.227 ng
RT: 26.752 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN020338.D
Acq: 22 Jun 2022 12:00

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 7759

Ion	Ratio	Lower	Upper
276	100		
277	26.7	19.5	29.3
138	30.1	22.6	34.0