Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062222\
Data File : BN020344.D
Acq On : 22 Jun 2022 15:36
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN062222

Quant Time: Jun 23 02:31:42 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 15:57:15 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.797	152	917	0.400	ng		0.00
7) Naphthalene-d8	10.584	136	3207	0.400	ng	#	0.00
13) Acenaphthene-d10	14.420	164	2570	0.400	ng		0.00
19) Phenanthrene-d10	17.164	188	6767	0.400	ng		0.00
29) Chrysene-d12	21.351	240	9033	0.400	ng	#	0.00
35) Perylene-d12	23.662	264	9831	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.406	112	1030	0.383	ng		0.00
5) Phenol-d6	7.017	99	1246	0.360	ng		0.00
8) Nitrobenzene-d5	8.961	82	835	0.373	ng		0.00
11) 2-Methylnaphthalene-d10	12.174	152	2320	0.389	ng		0.00
14) 2,4,6-Tribromophenol	15.913	330	457	0.374	ng		0.00
15) 2-Fluorobiphenyl	13.052	172	3444	0.375	ng		0.00
27) Fluoranthene-d10	19.194	212	9227	0.389	ng		0.00
31) Terphenyl-d14	19.792	244	6761	0.376	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.290	88	410	0.364	ng		91
3) n-Nitrosodimethylamine	3.637	42	318	0.332	ng	#	81
6) bis(2-Chloroethyl)ether	7.226	93	998	0.371	ng		90
9) Naphthalene	10.626	128	3764	0.394	ng	#	94
10) Hexachlorobutadiene	10.925	225	623	0.387	ng	#	98
12) 2-Methylnaphthalene	12.246	142	2694	0.384	ng		98
16) Acenaphthylene	14.132	152	4462	0.370	ng		100
17) Acenaphthene	14.474	154	3299	0.393	ng		98
18) Fluorene	15.468	166	4672	0.387	ng		100
20) 4,6-Dinitro-2-methylph...	15.575	198	392	0.393	ng	#	57
21) 4-Bromophenyl-phenylether	16.354	248	1375	0.368	ng		95
22) Hexachlorobenzene	16.477	284	1604	0.381	ng		98
23) Atrazine	16.631	200	1015	0.365	ng		90
24) Pentachlorophenol	16.836	266	642	0.346	ng		96
25) Phenanthrene	17.205	178	8655	0.372	ng		99
26) Anthracene	17.297	178	7288	0.363	ng		100
28) Fluoranthene	19.223	202	11617	0.378	ng		99
30) Pyrene	19.582	202	12283	0.368	ng		99
32) Benzo(a)anthracene	21.333	228	11482	0.354	ng		98
33) Chrysene	21.387	228	14548	0.394	ng		99
34) Bis(2-ethylhexyl)phtha...	21.270	149	5190	0.349	ng	#	98
36) Indeno(1,2,3-cd)pyrene	26.030	276	18536	0.384	ng		98
37) Benzo(b)fluoranthene	22.960	252	14369	0.370	ng		96
38) Benzo(k)fluoranthene	23.007	252	14852	0.371	ng		95
39) Benzo(a)pyrene	23.559	252	12802	0.378	ng		94
40) Dibenzo(a,h)anthracene	26.050	278	14899	0.388	ng		97
41) Benzo(g,h,i)perylene	26.752	276	16878	0.394	ng		99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062222\
Data File : BN020344.D
Acq On : 22 Jun 2022 15:36
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
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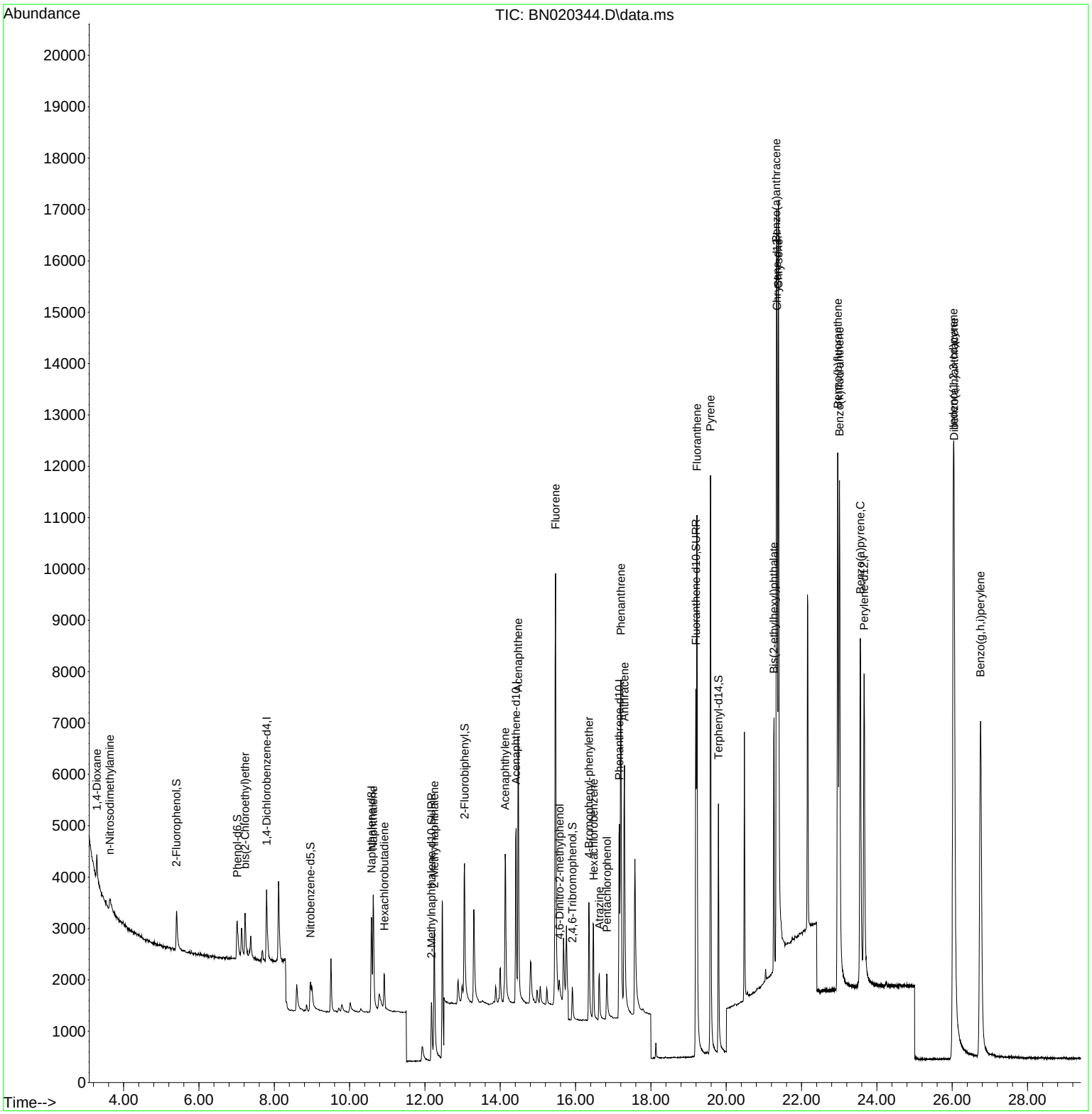
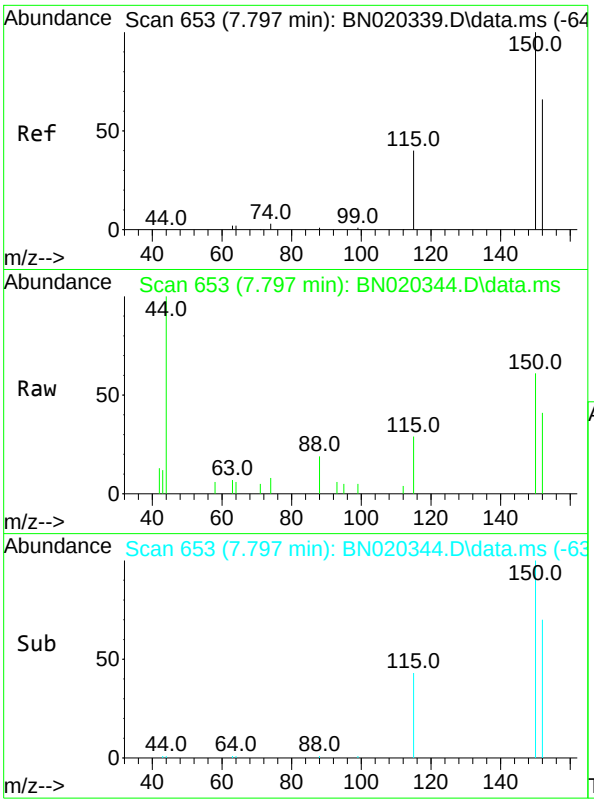
Quant Time: Jun 23 02:31:42 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 15:57:15 2022
Response via : Initial Calibration



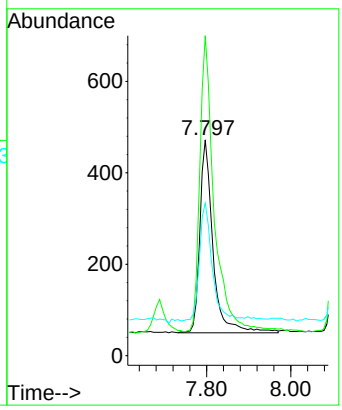


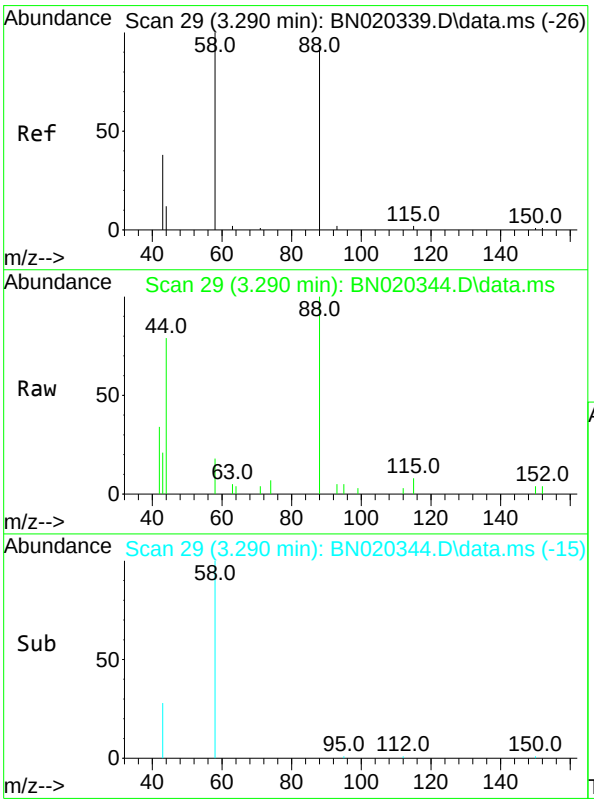
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.797 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN020344.D
Acq: 22 Jun 2022 15:36

Instrument :
BNA_N
ClientSampleId :
ICVBN062222

Tgt Ion:152 Resp: 917

Ion	Ratio	Lower	Upper
152	100		
150	148.3	127.9	191.9
115	70.8	51.4	77.2

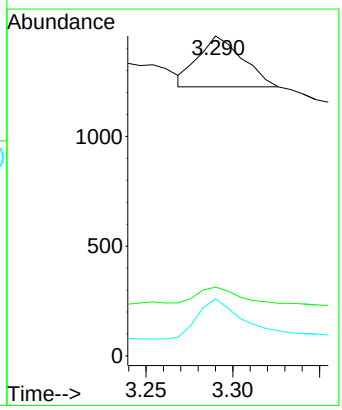


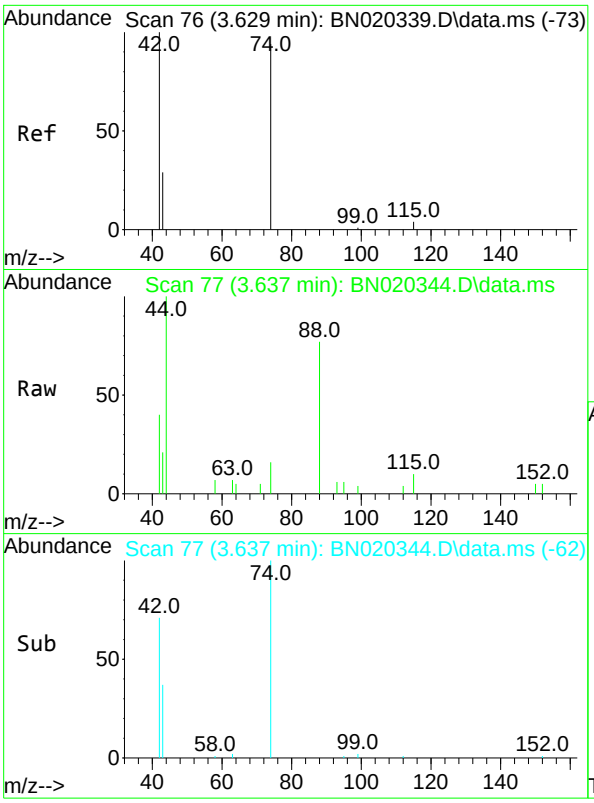


#2
1,4-Dioxane
Concen: 0.364 ng
RT: 3.290 min Scan# 29
Delta R.T. 0.000 min
Lab File: BN020344.D
Acq: 22 Jun 2022 15:36

Tgt Ion: 88 Resp: 410

Ion	Ratio	Lower	Upper
88	100		
43	32.9	30.2	45.2
58	82.2	73.0	109.6



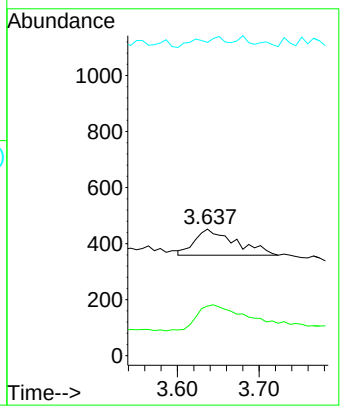


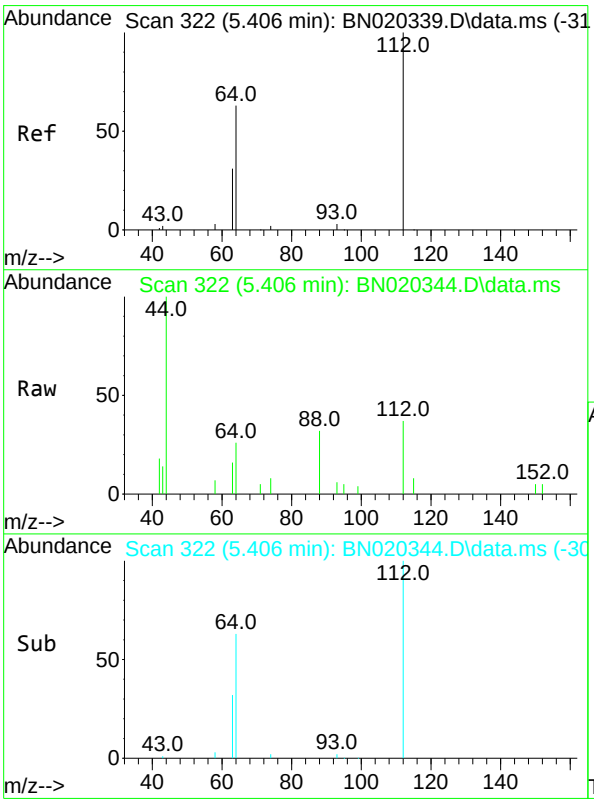
#3
n-Nitrosodimethylamine
Concen: 0.332 ng
RT: 3.637 min Scan# 7
Delta R.T. 0.007 min
Lab File: BN020344.D
Acq: 22 Jun 2022 15:36

Instrument :
BNA_N
ClientSampleId :
ICVBN062222

Tgt Ion: 42 Resp: 318

Ion	Ratio	Lower	Upper
42	100		
74	125.8	84.0	126.0
44	9.4	9.8	14.8#

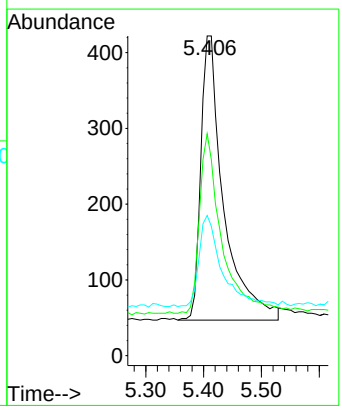


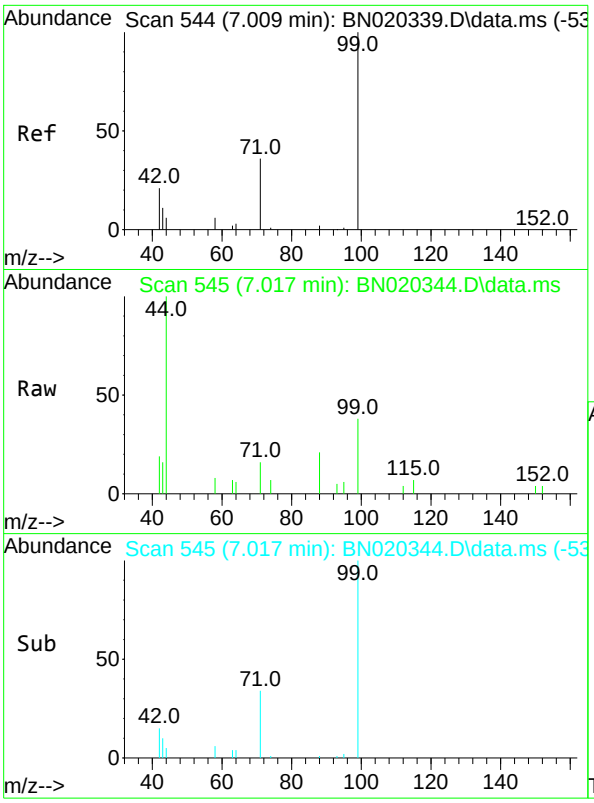


#4
2-Fluorophenol
Concen: 0.383 ng
RT: 5.406 min Scan# 322
Delta R.T. 0.000 min
Lab File: BN020344.D
Acq: 22 Jun 2022 15:36

Tgt Ion:112 Resp: 1030

Ion	Ratio	Lower	Upper
112	100		
64	61.0	49.1	73.7
63	32.1	26.3	39.5



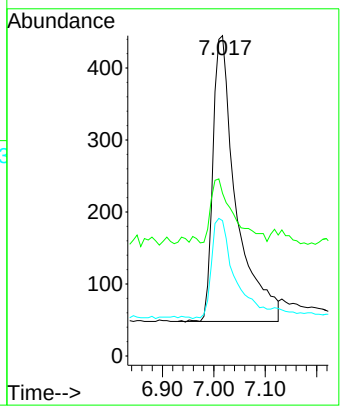


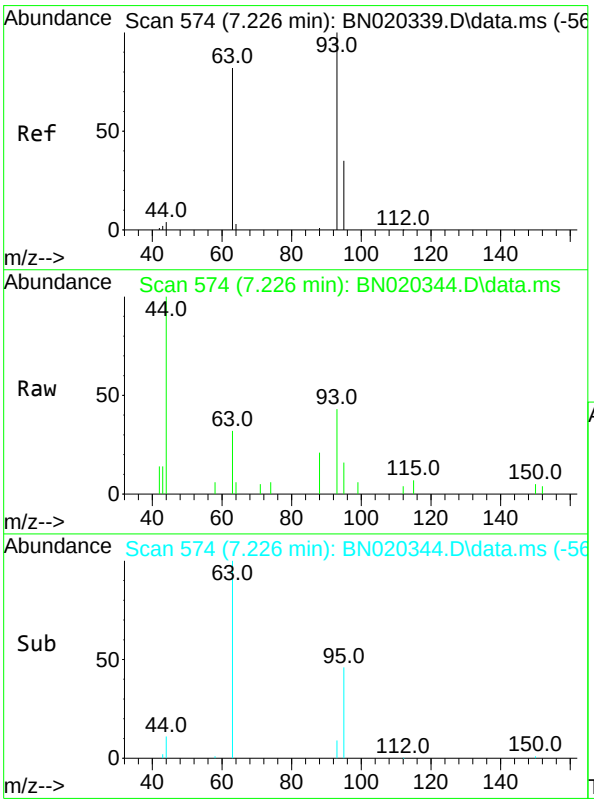
#5
Phenol-d6
Concen: 0.360 ng
RT: 7.017 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN020344.D
Acq: 22 Jun 2022 15:36

Instrument :
BNA_N
ClientSampleId :
ICVBN062222

Tgt Ion: 99 Resp: 1246

Ion	Ratio	Lower	Upper
99	100		
42	21.5	19.3	28.9
71	35.3	27.5	41.3

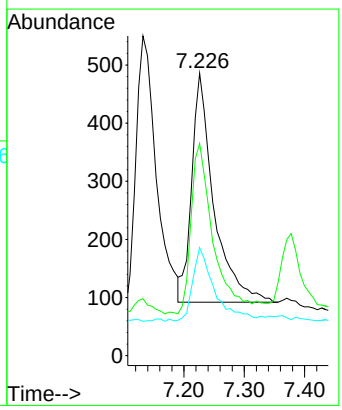


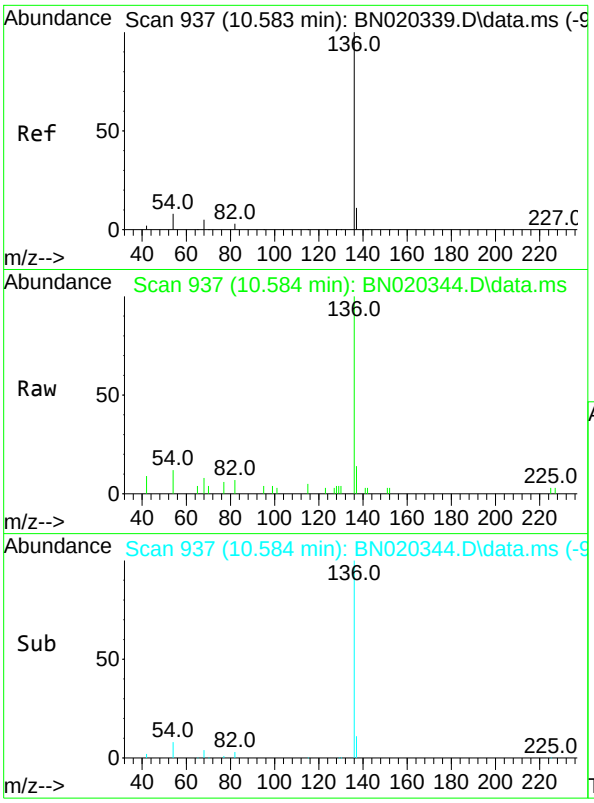


#6
bis(2-Chloroethyl)ether
Concen: 0.371 ng
RT: 7.226 min Scan# 574
Delta R.T. 0.000 min
Lab File: BN020344.D
Acq: 22 Jun 2022 15:36

Tgt Ion: 93 Resp: 998

Ion	Ratio	Lower	Upper
93	100		
63	73.2	67.4	101.0
95	31.3	26.5	39.7



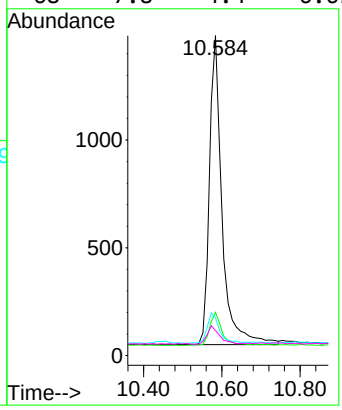


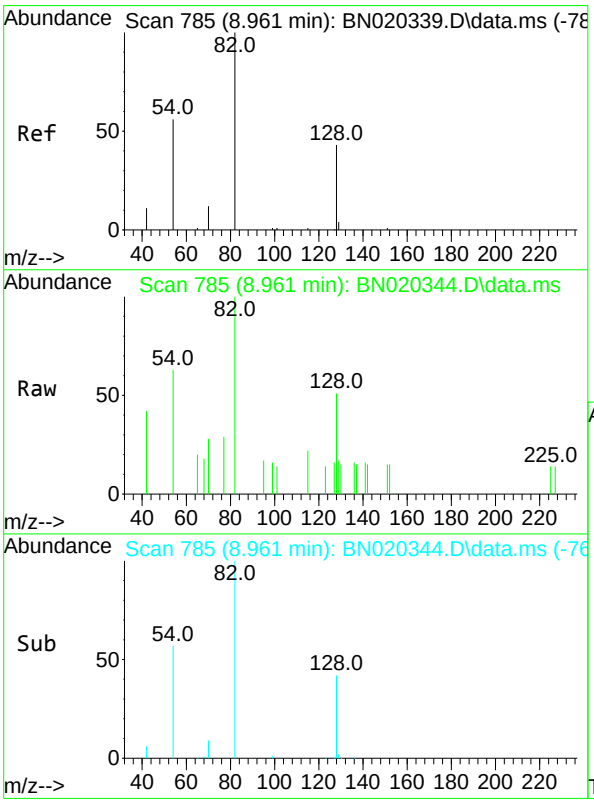
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.584 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN020344.D
Acq: 22 Jun 2022 15:36

Instrument :
BNA_N
ClientSampleId :
ICVBN062222

Tgt Ion:136 Resp: 3207

Ion	Ratio	Lower	Upper
136	100		
137	13.5	9.0	13.6
54	11.8	6.2	9.2#
68	7.8	4.4	6.6#

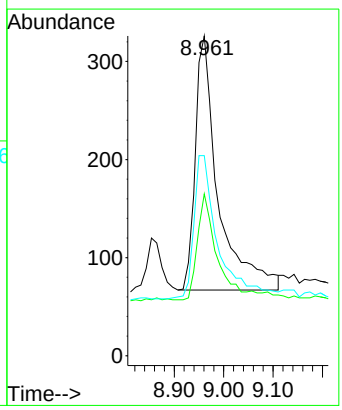


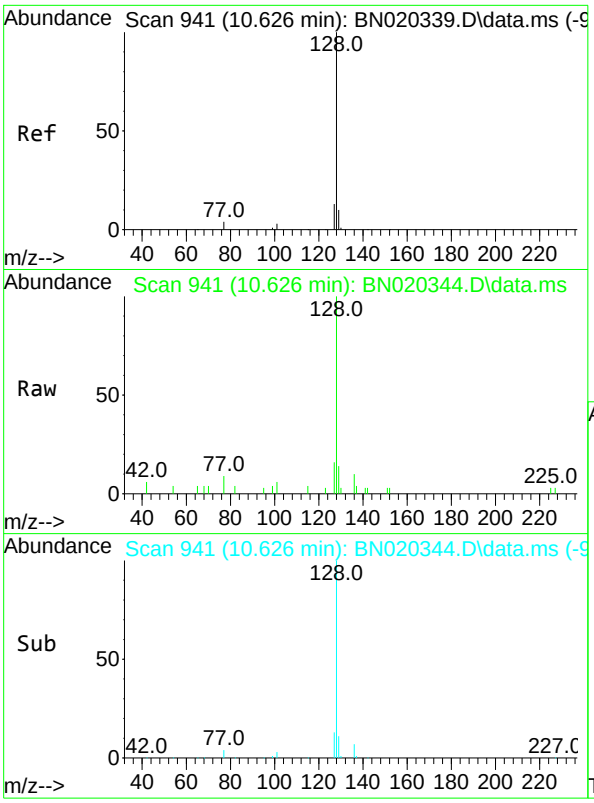


#8
Nitrobenzene-d5
Concen: 0.373 ng
RT: 8.961 min Scan# 785
Delta R.T. 0.000 min
Lab File: BN020344.D
Acq: 22 Jun 2022 15:36

Tgt Ion: 82 Resp: 835

Ion	Ratio	Lower	Upper
82	100		
128	50.6	35.0	52.6
54	62.6	46.2	69.4



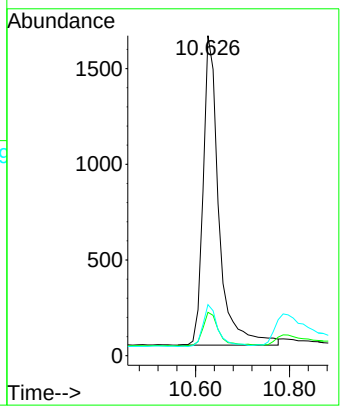


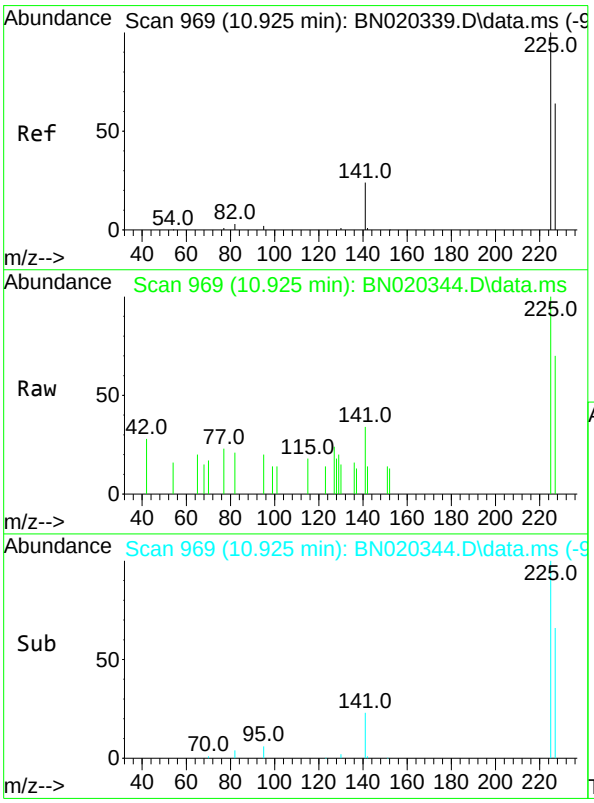
#9
Naphthalene
Concen: 0.394 ng
RT: 10.626 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN020344.D
Acq: 22 Jun 2022 15:36

Instrument :
BNA_N
ClientSampleId :
ICVBN062222

Tgt Ion:128 Resp: 3764

Ion	Ratio	Lower	Upper
128	100		
129	13.6	8.9	13.3#
127	16.0	10.8	16.2

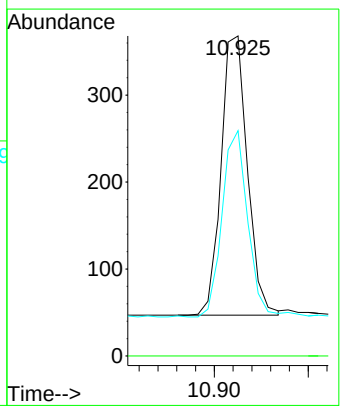


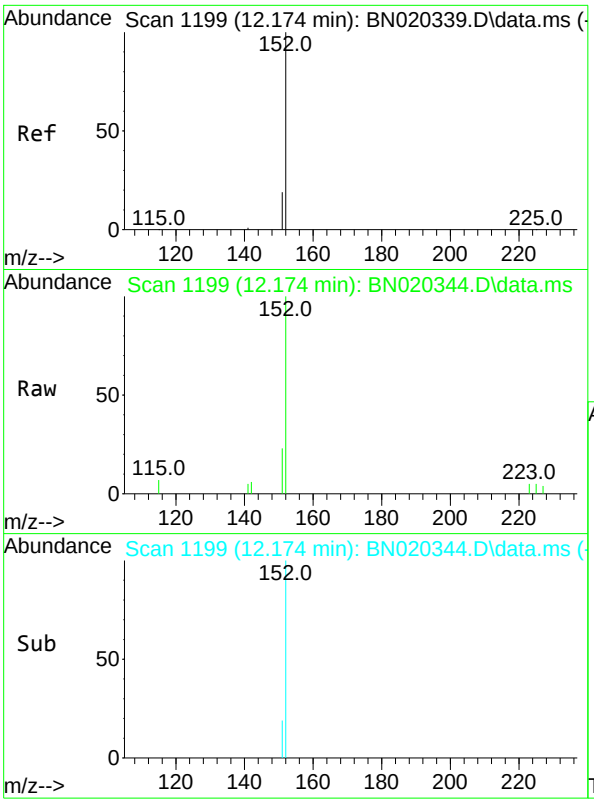


#10
Hexachlorobutadiene
Concen: 0.387 ng
RT: 10.925 min Scan# 969
Delta R.T. 0.000 min
Lab File: BN020344.D
Acq: 22 Jun 2022 15:36

Tgt Ion:225 Resp: 623

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.8	50.9	76.3



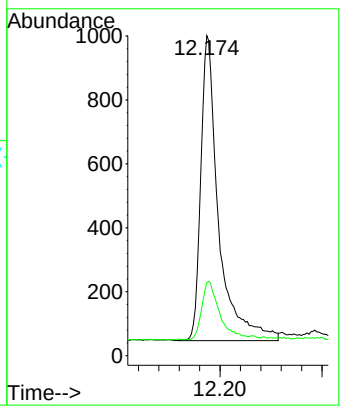


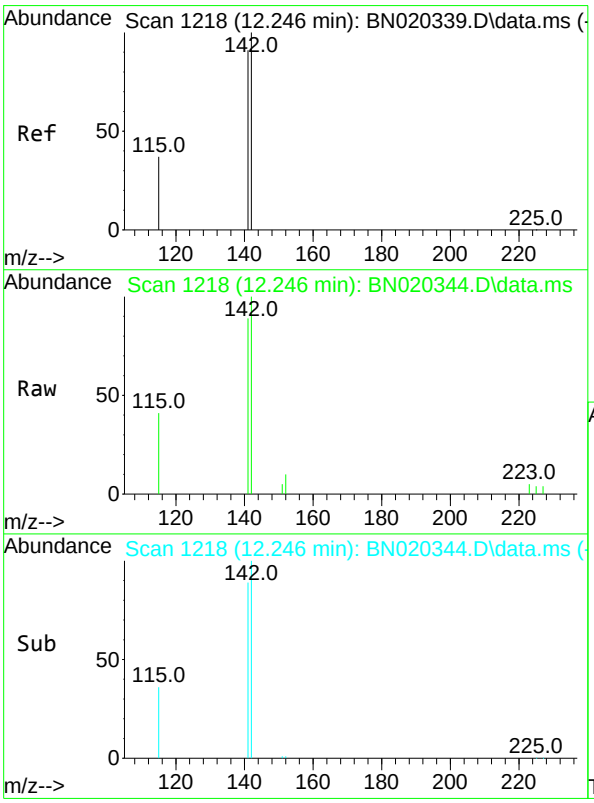
#11
2-Methylnaphthalene-d10
Concen: 0.389 ng
RT: 12.174 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN020344.D
Acq: 22 Jun 2022 15:36

Instrument :
BNA_N
ClientSampleId :
ICVBN062222

Tgt Ion:152 Resp: 2320

Ion	Ratio	Lower	Upper
152	100		
151	19.1	16.2	24.4

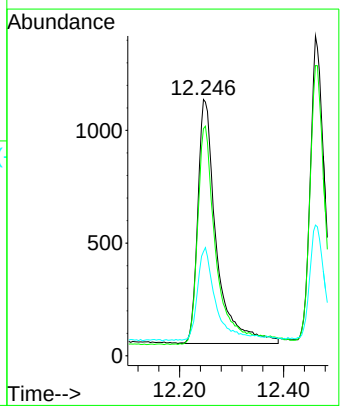


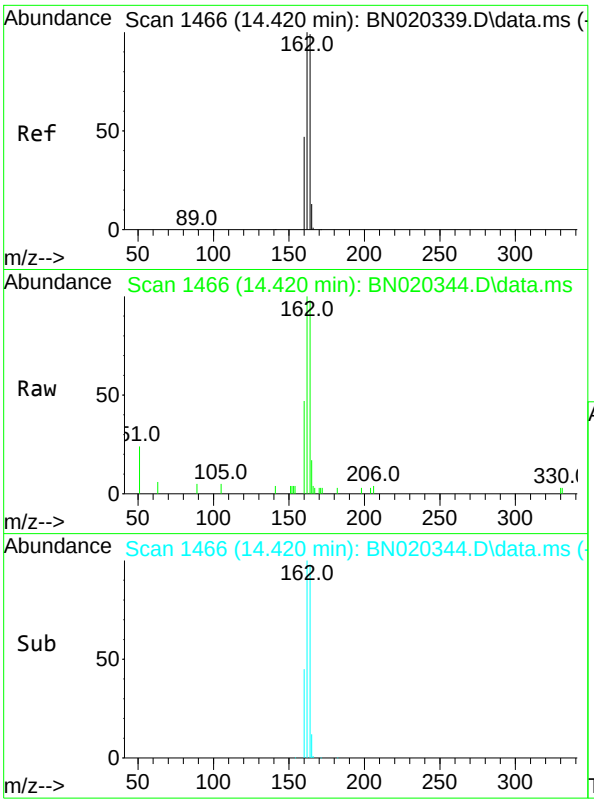


#12
2-Methylnaphthalene
Concen: 0.384 ng
RT: 12.246 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BN020344.D
Acq: 22 Jun 2022 15:36

Tgt Ion:142 Resp: 2694

Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.6	107.4
115	40.6	29.8	44.8



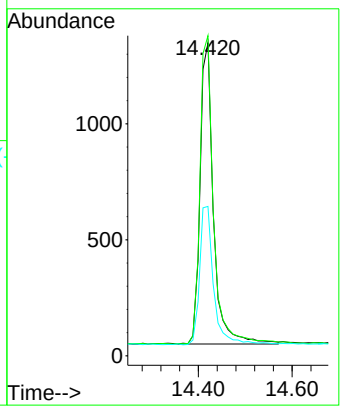


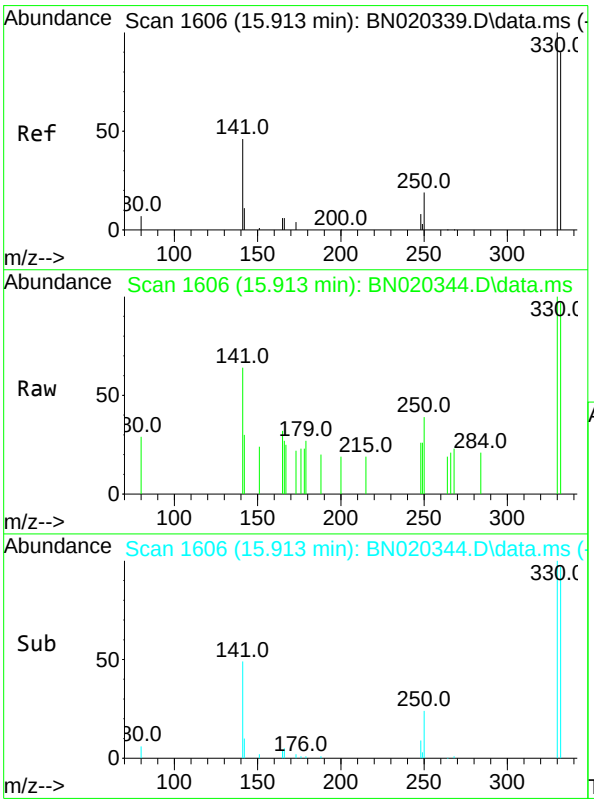
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.420 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN020344.D
Acq: 22 Jun 2022 15:36

Instrument :
BNA_N
ClientSampleId :
ICVBN062222

Tgt Ion:164 Resp: 2570

Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.1	123.1
160	47.7	38.6	58.0

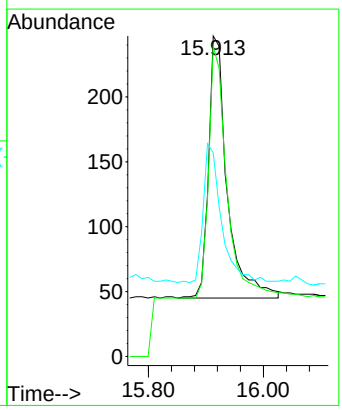


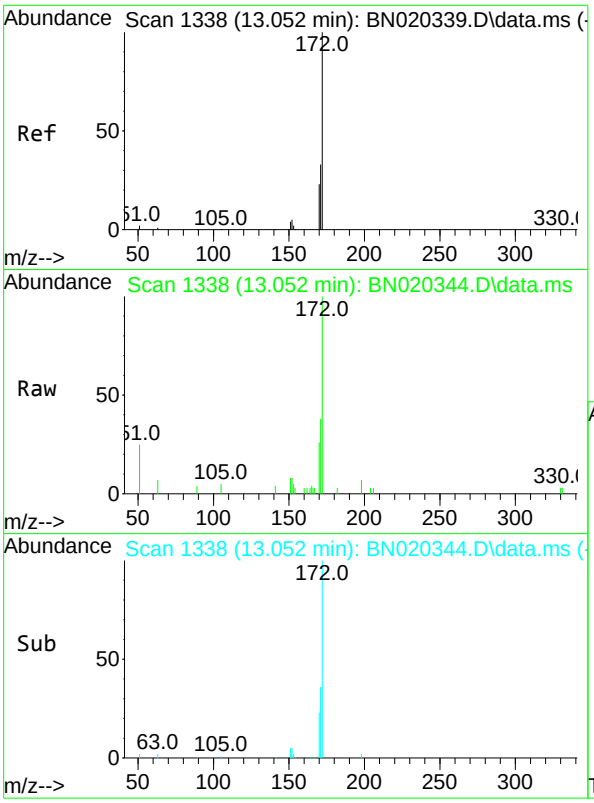


#14
2,4,6-Tribromophenol
Concen: 0.374 ng
RT: 15.913 min Scan# 1606
Delta R.T. 0.000 min
Lab File: BN020344.D
Acq: 22 Jun 2022 15:36

Tgt Ion:330 Resp: 457

Ion	Ratio	Lower	Upper
330	100		
332	93.7	77.6	116.4
141	51.6	41.0	61.4



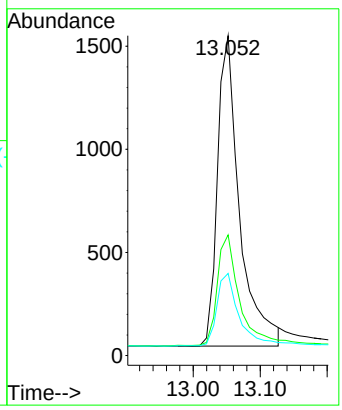


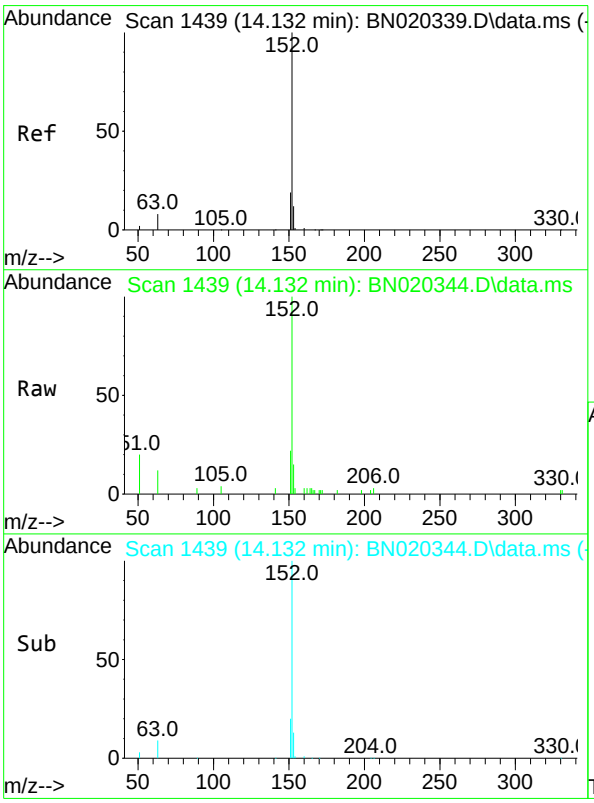
#15
2-Fluorobiphenyl
Concen: 0.375 ng
RT: 13.052 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN020344.D
Acq: 22 Jun 2022 15:36

Instrument :
BNA_N
ClientSampleId :
ICVBN062222

Tgt Ion:172 Resp: 3444

Ion	Ratio	Lower	Upper
172	100		
171	37.7	27.2	40.8
170	25.7	18.2	27.4

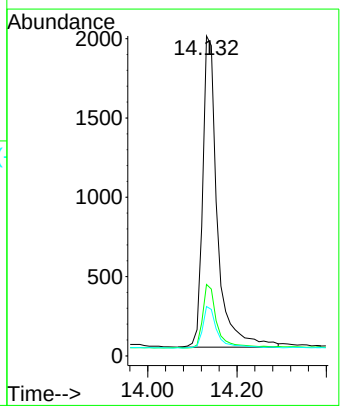


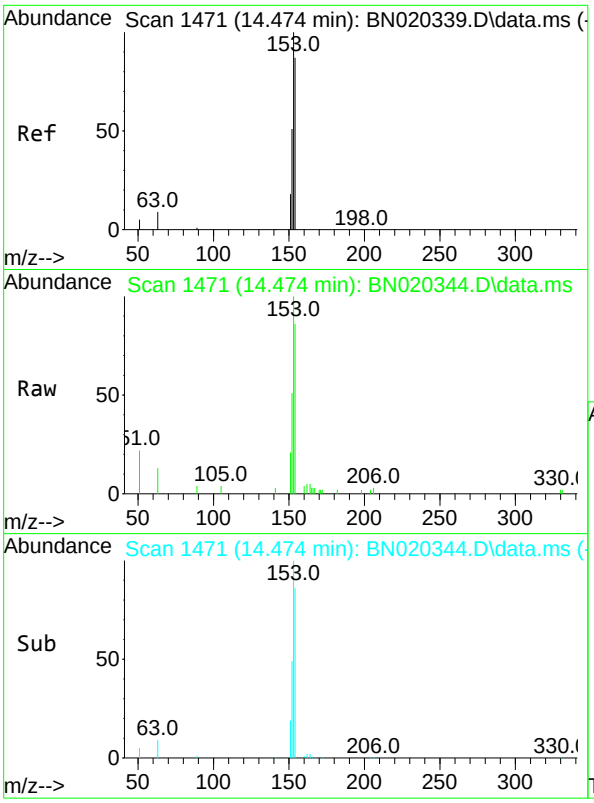


#16
Acenaphthylene
Concen: 0.370 ng
RT: 14.132 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BN020344.D
Acq: 22 Jun 2022 15:36

Tgt Ion:152 Resp: 4462

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.2	24.4
153	13.4	10.7	16.1



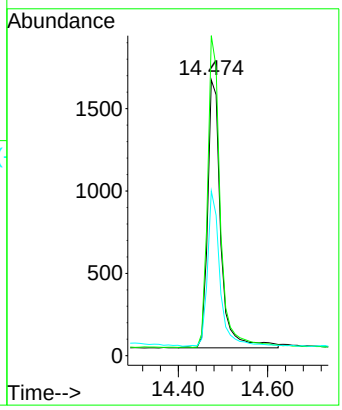


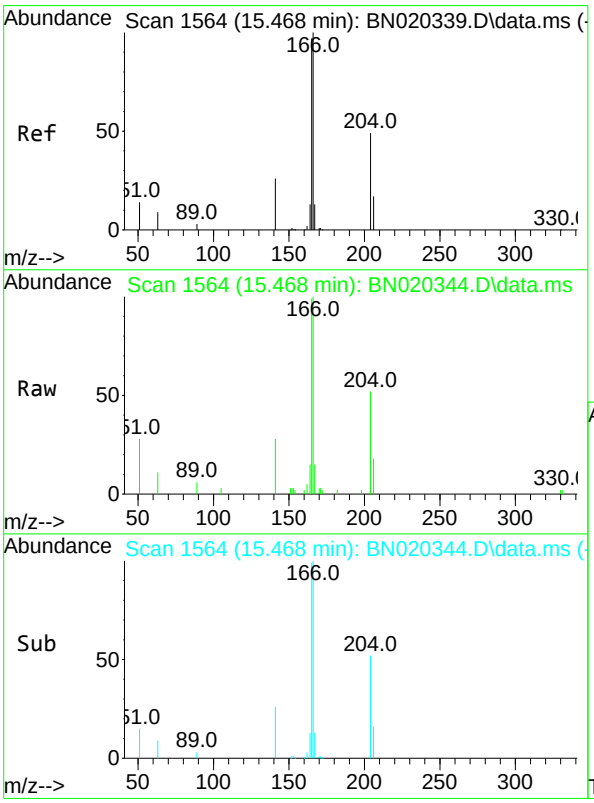
#17
Acenaphthene
Concen: 0.393 ng
RT: 14.474 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN020344.D
Acq: 22 Jun 2022 15:36

Instrument :
BNA_N
ClientSampleId :
ICVBN062222

Tgt Ion:154 Resp: 3299

Ion	Ratio	Lower	Upper
154	100		
153	112.5	87.5	131.3
152	54.7	43.8	65.6

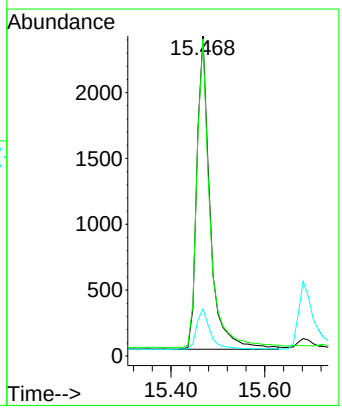


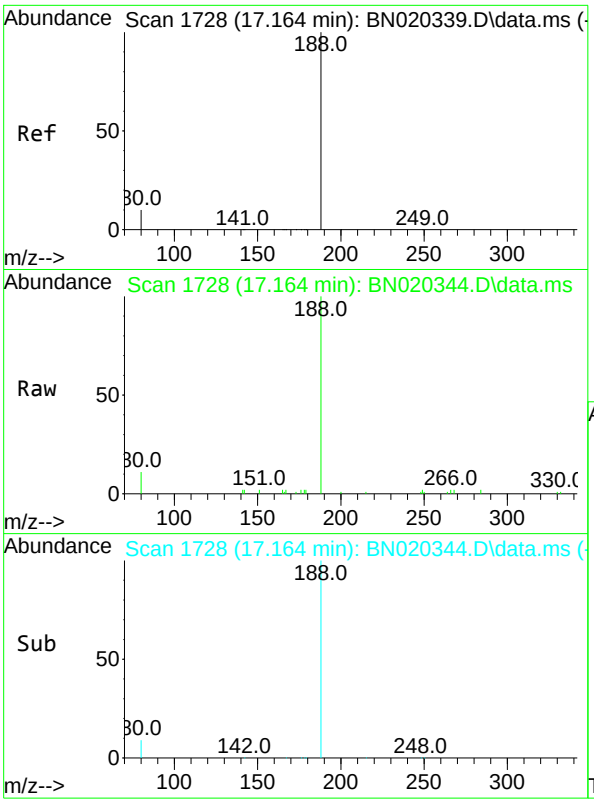


#18
Fluorene
Concen: 0.387 ng
RT: 15.468 min Scan# 1564
Delta R.T. 0.000 min
Lab File: BN020344.D
Acq: 22 Jun 2022 15:36

Tgt Ion:166 Resp: 4672

Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.6	118.0
167	13.5	10.8	16.2



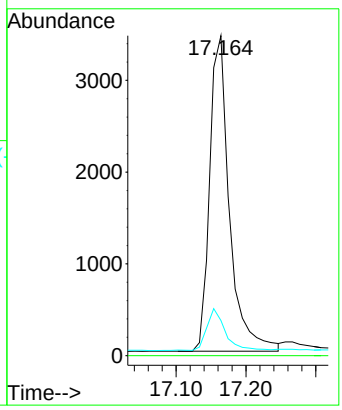


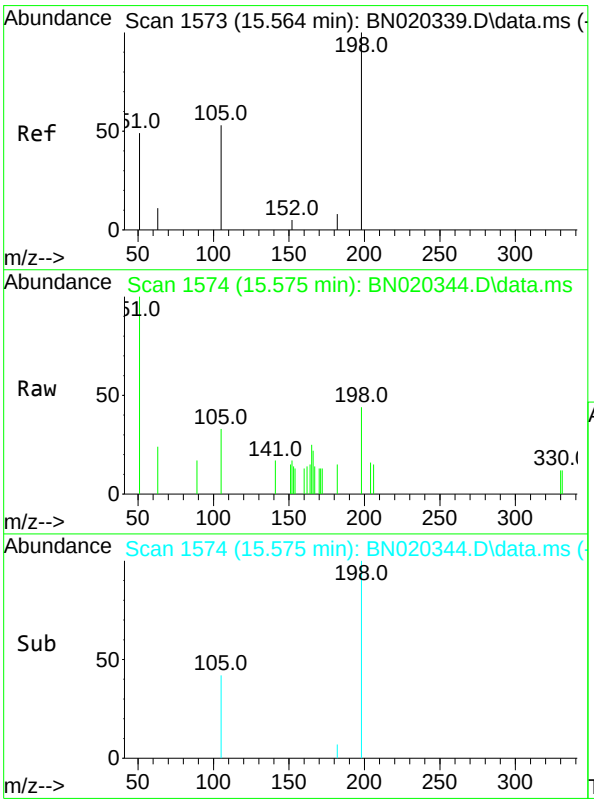
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN020344.D
Acq: 22 Jun 2022 15:36

Instrument :
BNA_N
ClientSampleId :
ICVBN062222

Tgt Ion:188 Resp: 6767

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.0	7.4	11.2

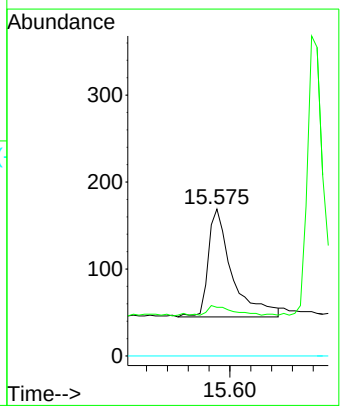


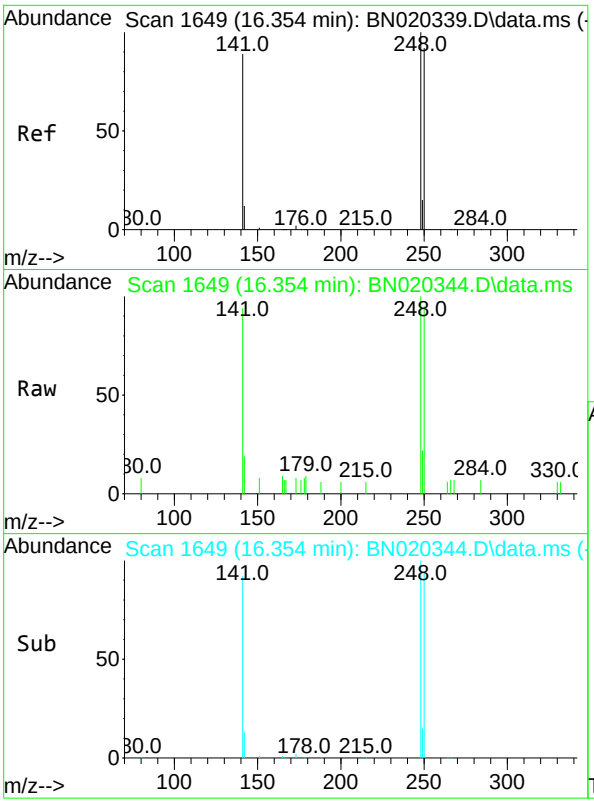


#20
4,6-Dinitro-2-methylphenol
Concen: 0.393 ng
RT: 15.575 min Scan# 1574
Delta R.T. 0.011 min
Lab File: BN020344.D
Acq: 22 Jun 2022 15:36

Tgt Ion:198 Resp: 392

Ion	Ratio	Lower	Upper
198	100		
182	33.1	12.1	18.1#
77	0.0	0.0	0.0



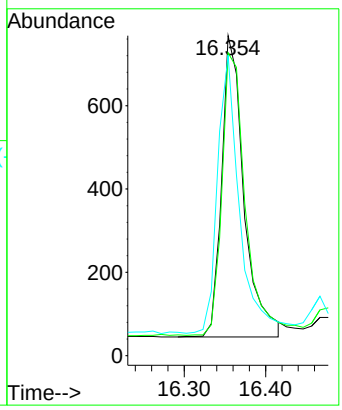


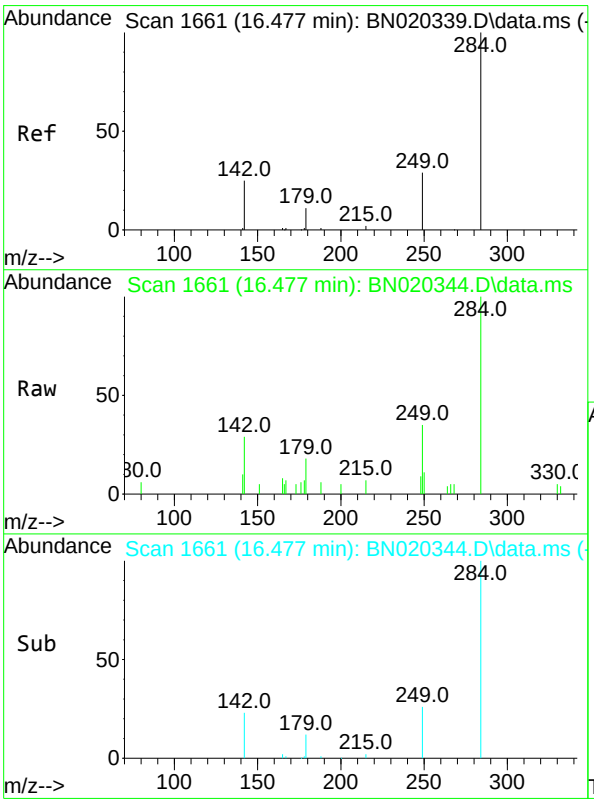
#21
4-Bromophenyl-phenylether
Concen: 0.368 ng
RT: 16.354 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN020344.D
Acq: 22 Jun 2022 15:36

Instrument :
BNA_N
ClientSampleId :
ICVBN062222

Tgt Ion:248 Resp: 1375

Ion	Ratio	Lower	Upper
248	100		
250	94.7	75.3	112.9
141	93.9	67.3	100.9

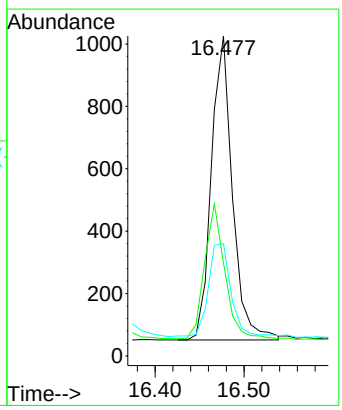


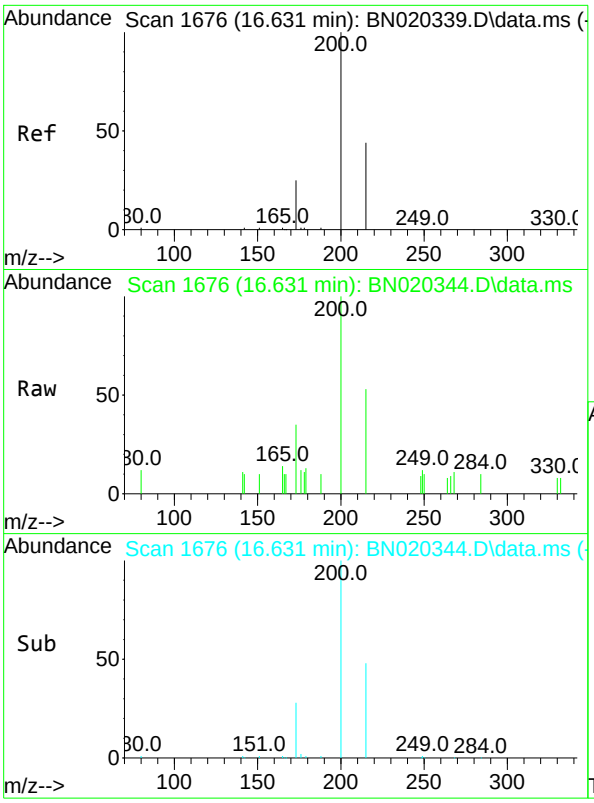


#22
Hexachlorobenzene
Concen: 0.381 ng
RT: 16.477 min Scan# 1661
Delta R.T. 0.000 min
Lab File: BN020344.D
Acq: 22 Jun 2022 15:36

Tgt Ion:284 Resp: 1604

Ion	Ratio	Lower	Upper
284	100		
142	42.3	35.2	52.8
249	32.7	26.6	40.0



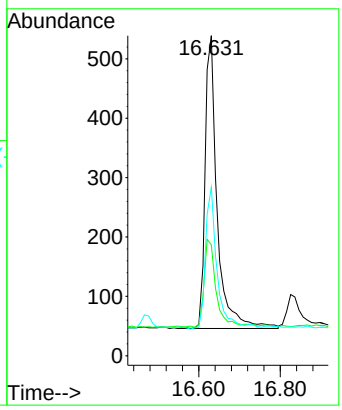


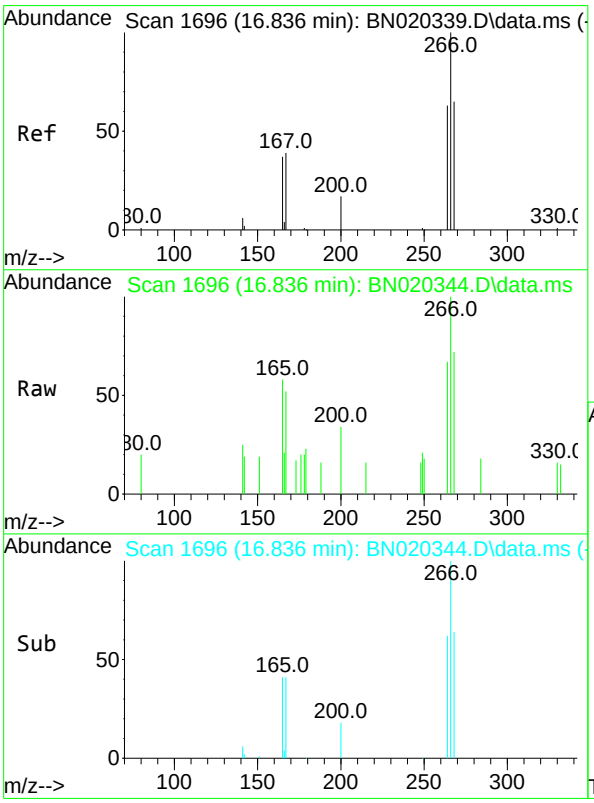
#23
Atrazine
Concen: 0.365 ng
RT: 16.631 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN020344.D
Acq: 22 Jun 2022 15:36

Instrument :
BNA_N
ClientSampleId :
ICVBN062222

Tgt Ion:200 Resp: 1015

Ion	Ratio	Lower	Upper
200	100		
173	34.7	23.6	35.4
215	52.7	36.6	54.8

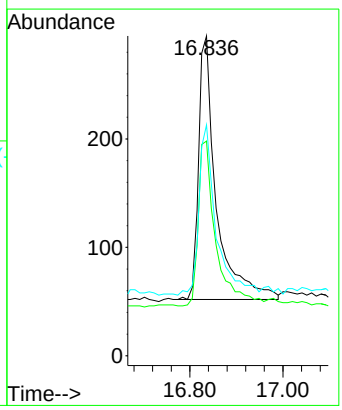


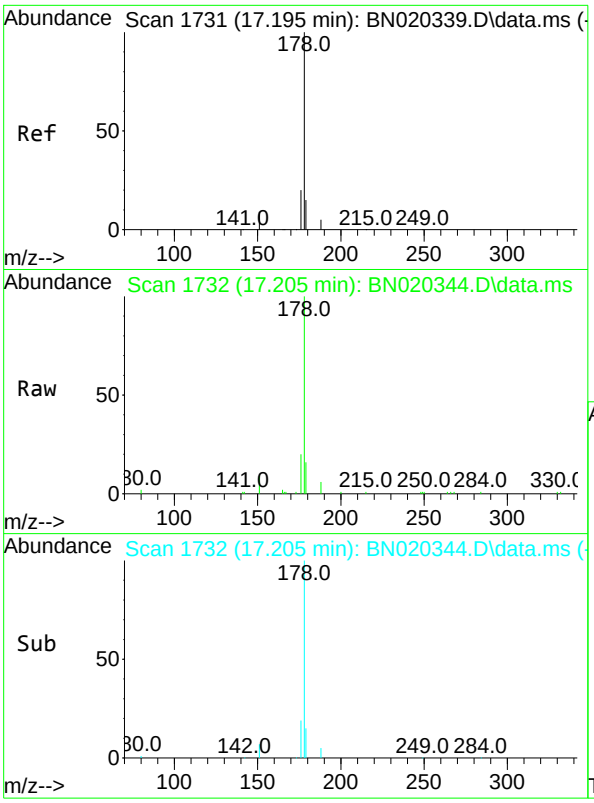


#24
Pentachlorophenol
Concen: 0.346 ng
RT: 16.836 min Scan# 1696
Delta R.T. 0.000 min
Lab File: BN020344.D
Acq: 22 Jun 2022 15:36

Tgt Ion:266 Resp: 642

Ion	Ratio	Lower	Upper
266	100		
264	62.3	51.3	76.9
268	61.1	52.6	79.0



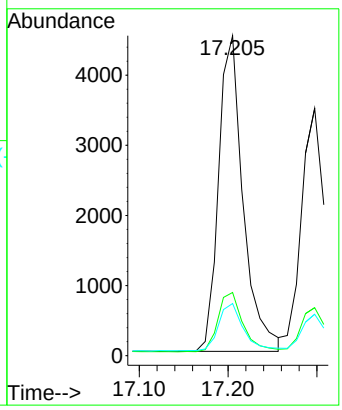


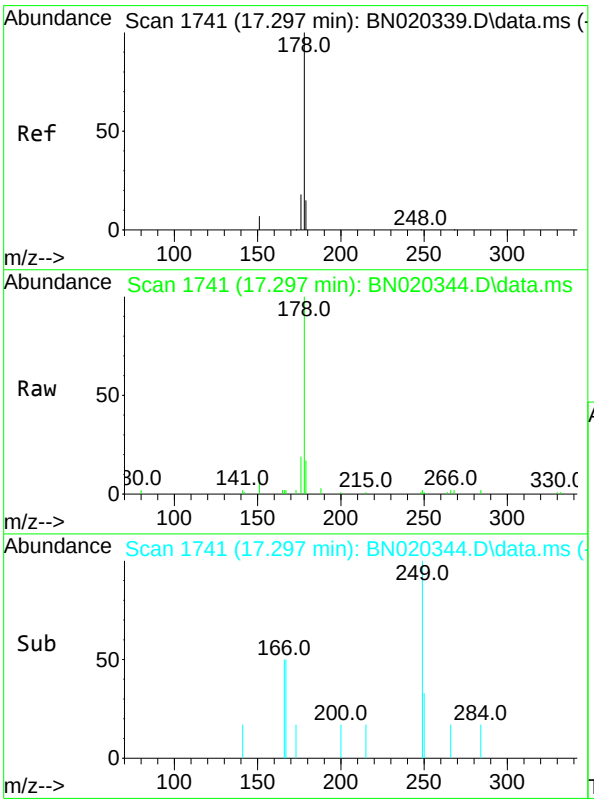
#25
Phenanthrene
Concen: 0.372 ng
RT: 17.205 min Scan# 1
Delta R.T. 0.010 min
Lab File: BN020344.D
Acq: 22 Jun 2022 15:36

Instrument :
BNA_N
ClientSampleId :
ICVBN062222

Tgt Ion:178 Resp: 8655

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	15.6	12.2	18.4

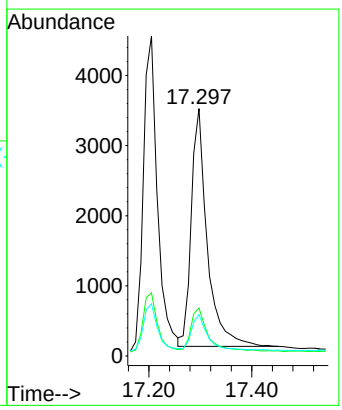


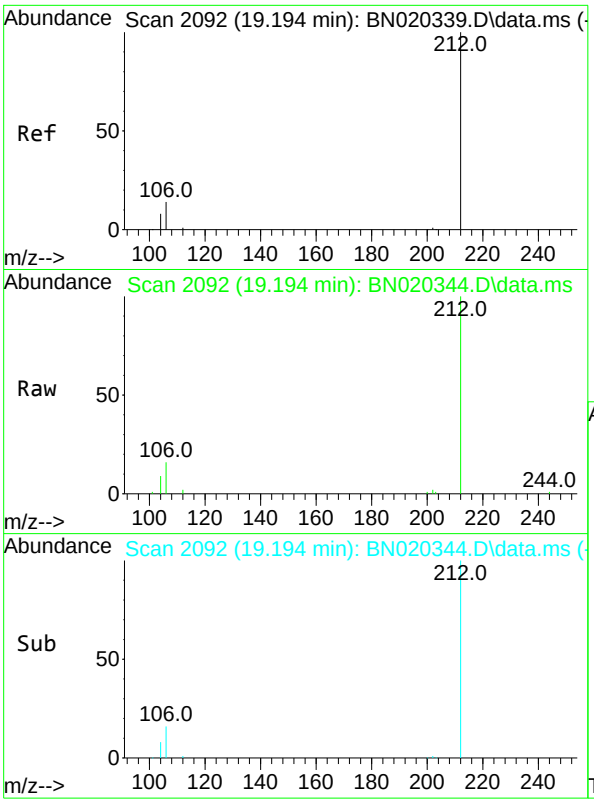


#26
Anthracene
Concen: 0.363 ng
RT: 17.297 min Scan# 1741
Delta R.T. 0.000 min
Lab File: BN020344.D
Acq: 22 Jun 2022 15:36

Tgt Ion:178 Resp: 7288

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	15.1	12.2	18.4



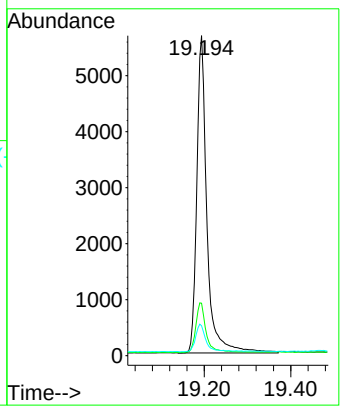


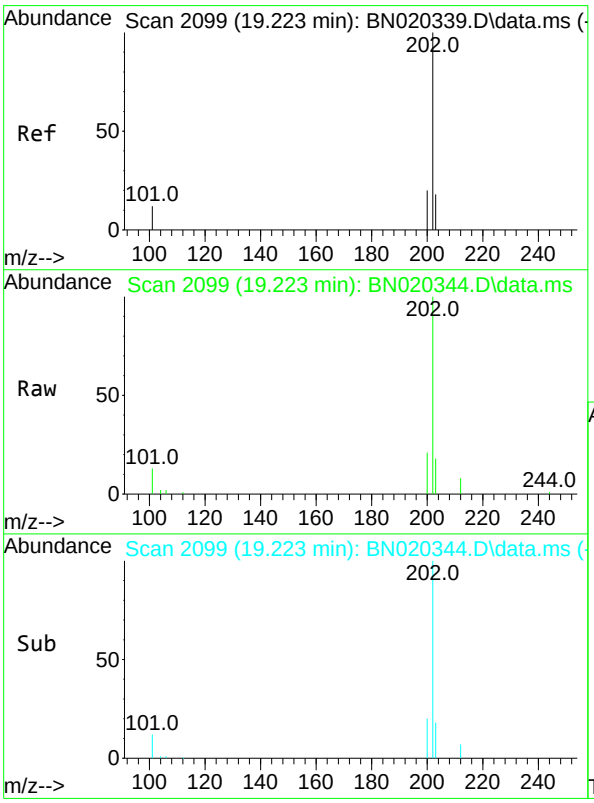
#27
Fluoranthene-d10
Concen: 0.389 ng
RT: 19.194 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN020344.D
Acq: 22 Jun 2022 15:36

Instrument :
BNA_N
ClientSampleId :
ICVBN062222

Tgt Ion:212 Resp: 9227

Ion	Ratio	Lower	Upper
212	100		
106	15.9	12.6	19.0
104	8.9	7.2	10.8

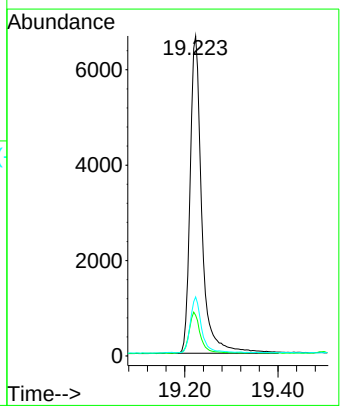


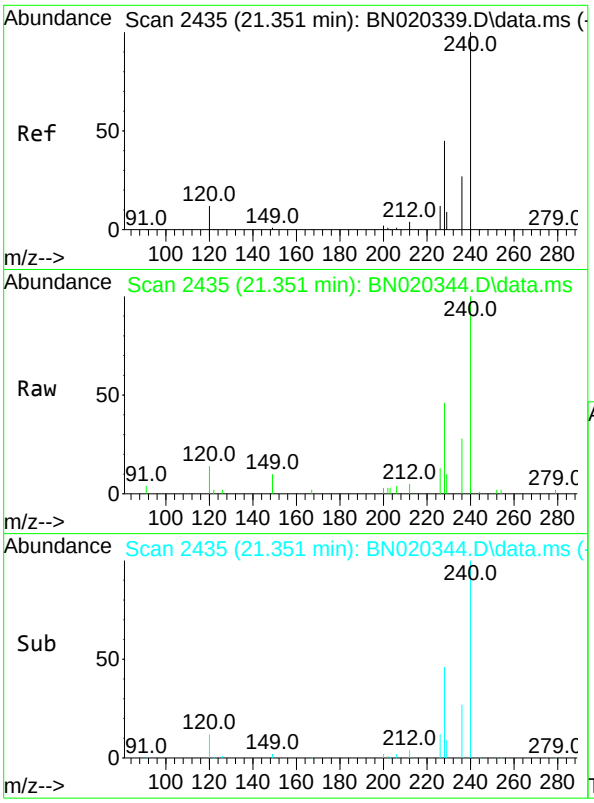


#28
Fluoranthene
Concen: 0.378 ng
RT: 19.223 min Scan# 2099
Delta R.T. 0.000 min
Lab File: BN020344.D
Acq: 22 Jun 2022 15:36

Tgt Ion:202 Resp: 11617

Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.6	14.4
203	16.6	13.5	20.3



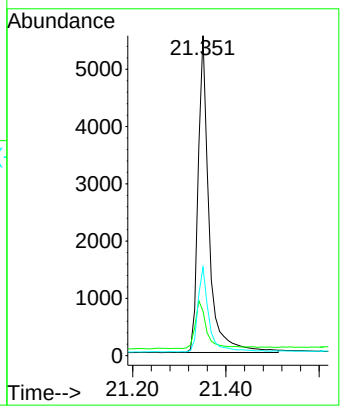


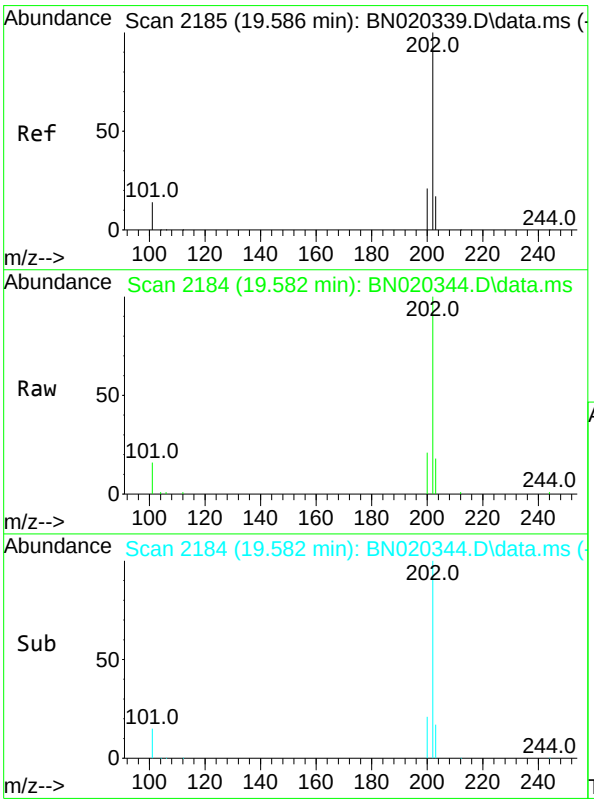
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.351 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN020344.D
Acq: 22 Jun 2022 15:36

Instrument :
BNA_N
ClientSampleId :
ICVBN062222

Tgt Ion:240 Resp: 9033

Ion	Ratio	Lower	Upper
240	100		
120	13.9	14.6	21.8#
236	27.7	22.6	33.8

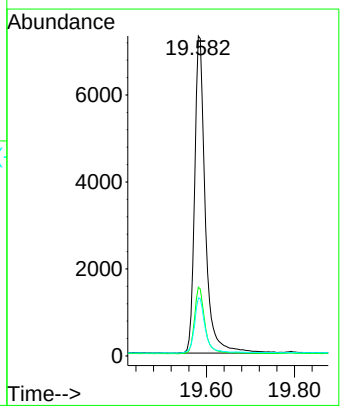


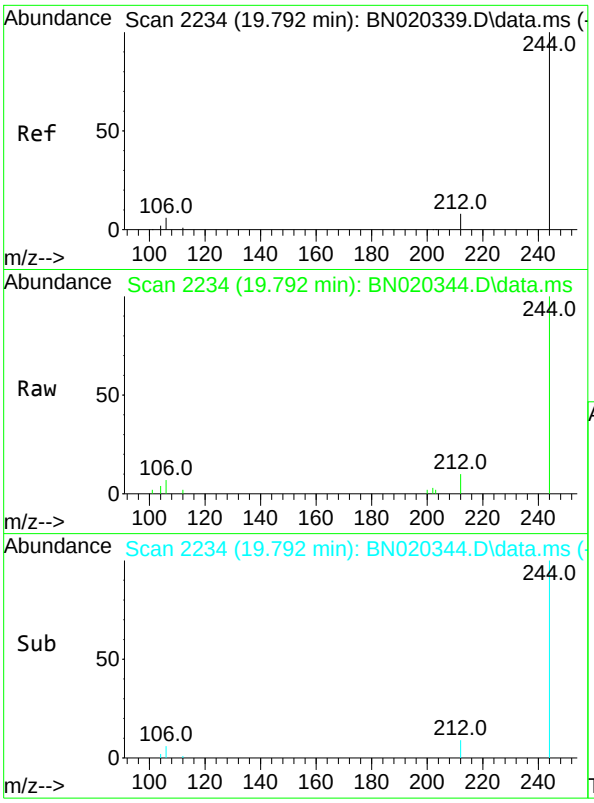


#30
Pyrene
Concen: 0.368 ng
RT: 19.582 min Scan# 2184
Delta R.T. -0.004 min
Lab File: BN020344.D
Acq: 22 Jun 2022 15:36

Tgt Ion:202 Resp: 12283

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.6	25.0
203	17.6	14.2	21.2



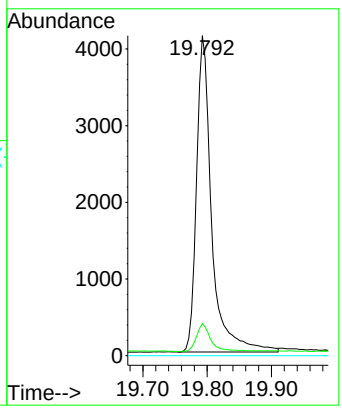


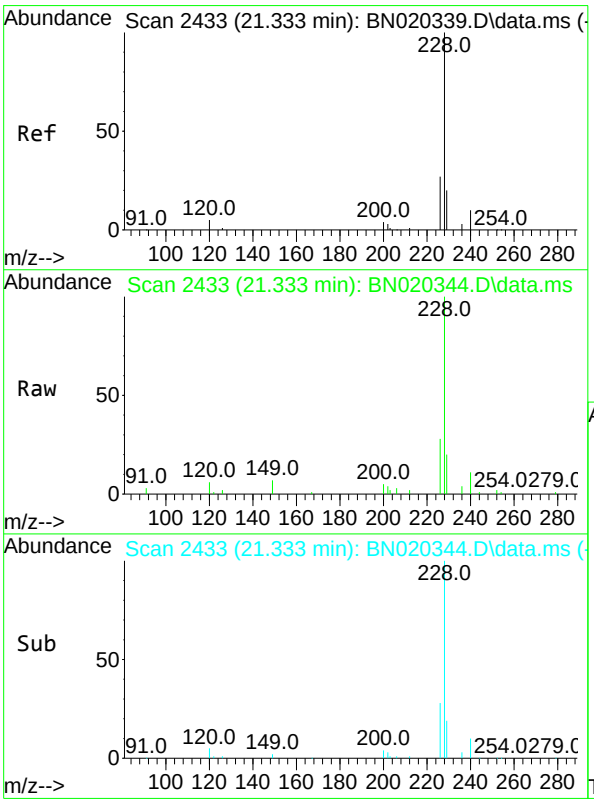
#31
Terphenyl-d14
Concen: 0.376 ng
RT: 19.792 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN020344.D
Acq: 22 Jun 2022 15:36

Instrument :
BNA_N
ClientSampleId :
ICVBN062222

Tgt Ion:244 Resp: 6761

Ion	Ratio	Lower	Upper
244	100		
212	10.0	7.1	10.7
122	0.0	0.0	0.0

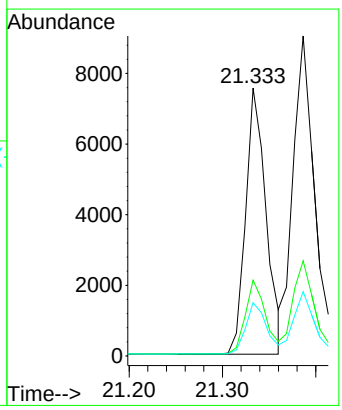


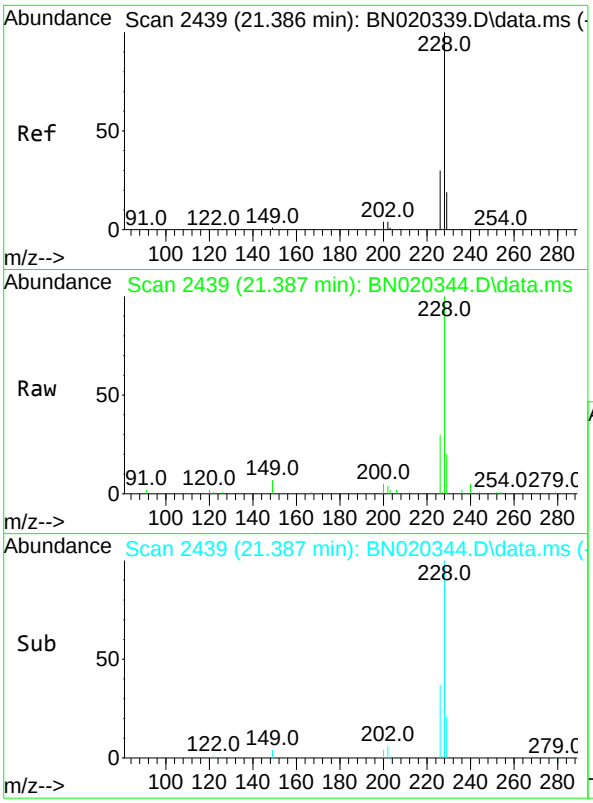


#32
Benzo(a)anthracene
Concen: 0.354 ng
RT: 21.333 min Scan# 2433
Delta R.T. 0.000 min
Lab File: BN020344.D
Acq: 22 Jun 2022 15:36

Tgt Ion:228 Resp: 11482

Ion	Ratio	Lower	Upper
228	100		
226	28.3	21.2	31.8
229	19.9	15.6	23.4



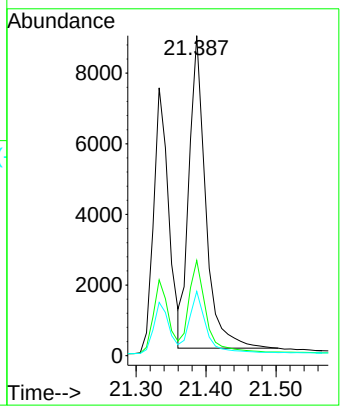


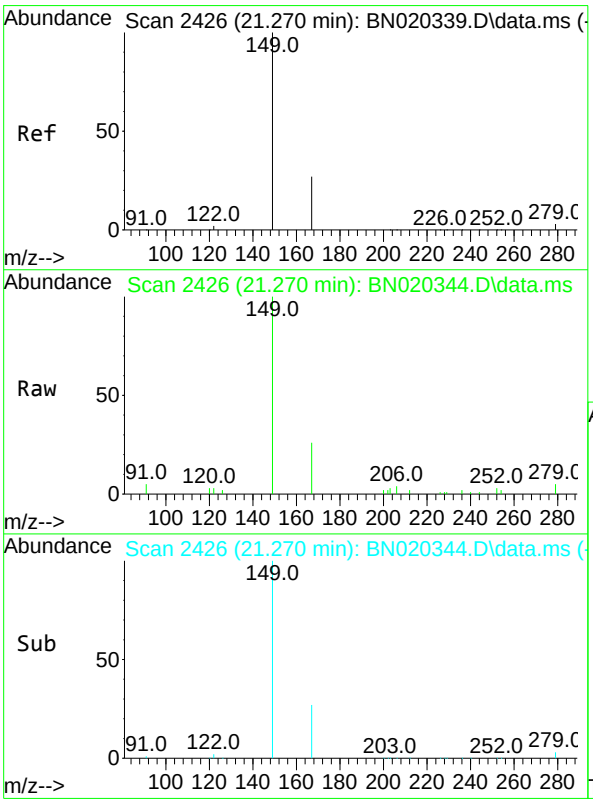
#33
Chrysene
Concen: 0.394 ng
RT: 21.387 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN020344.D
Acq: 22 Jun 2022 15:36

Instrument :
BNA_N
ClientSampleId :
ICVBN062222

Tgt Ion:228 Resp: 14548

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.4	35.0
229	20.1	15.7	23.5

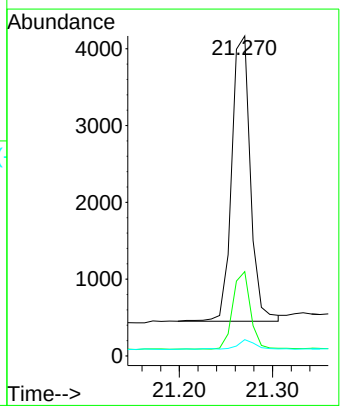


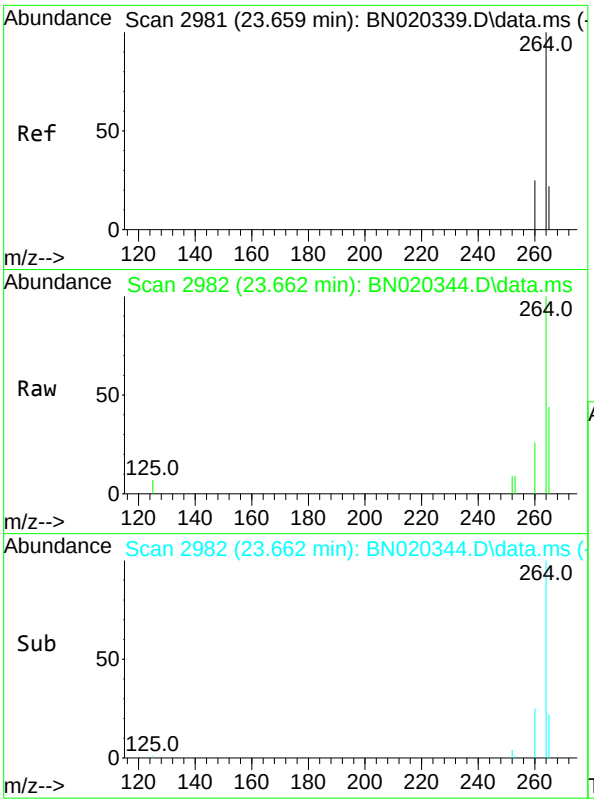


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.349 ng
RT: 21.270 min Scan# 2426
Delta R.T. 0.000 min
Lab File: BN020344.D
Acq: 22 Jun 2022 15:36

Tgt Ion:149 Resp: 5190

Ion	Ratio	Lower	Upper
149	100		
167	26.0	21.7	32.5
279	3.5	2.2	3.2#



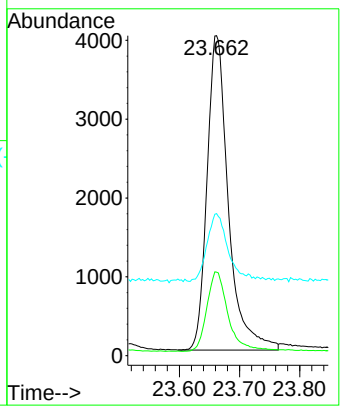


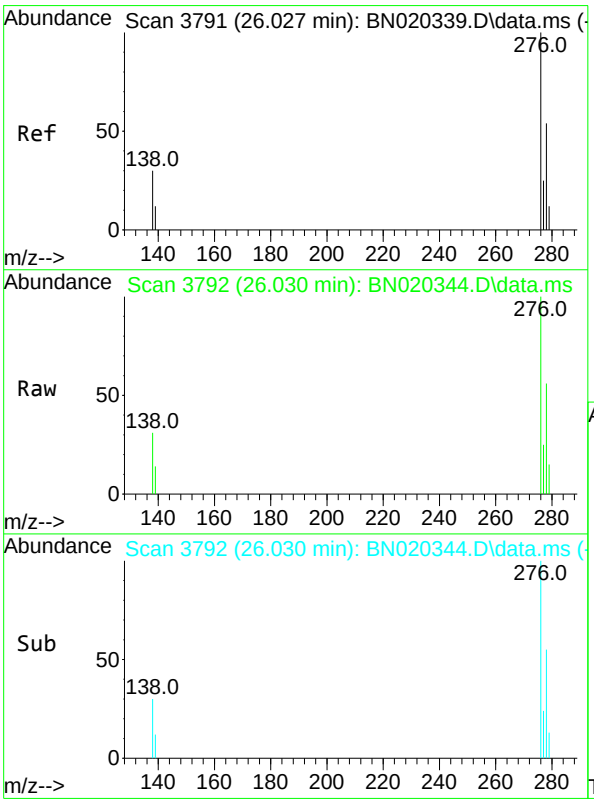
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.662 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN020344.D
Acq: 22 Jun 2022 15:36

Instrument :
BNA_N
ClientSampleId :
ICVBN062222

Tgt Ion:264 Resp: 9831

Ion	Ratio	Lower	Upper
264	100		
260	26.1	20.9	31.3
265	44.4	28.0	42.0#

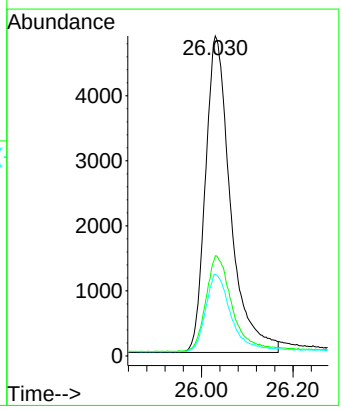


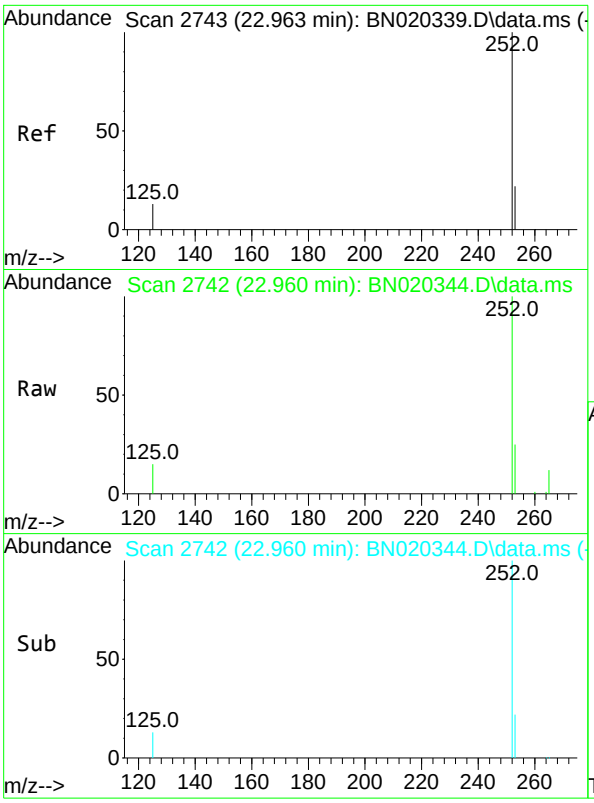


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.384 ng
RT: 26.030 min Scan# 3792
Delta R.T. 0.003 min
Lab File: BN020344.D
Acq: 22 Jun 2022 15:36

Tgt Ion:276 Resp: 18536

Ion	Ratio	Lower	Upper
276	100		
138	30.8	25.9	38.9
277	24.8	19.8	29.8



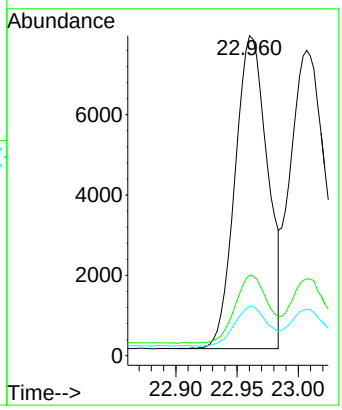


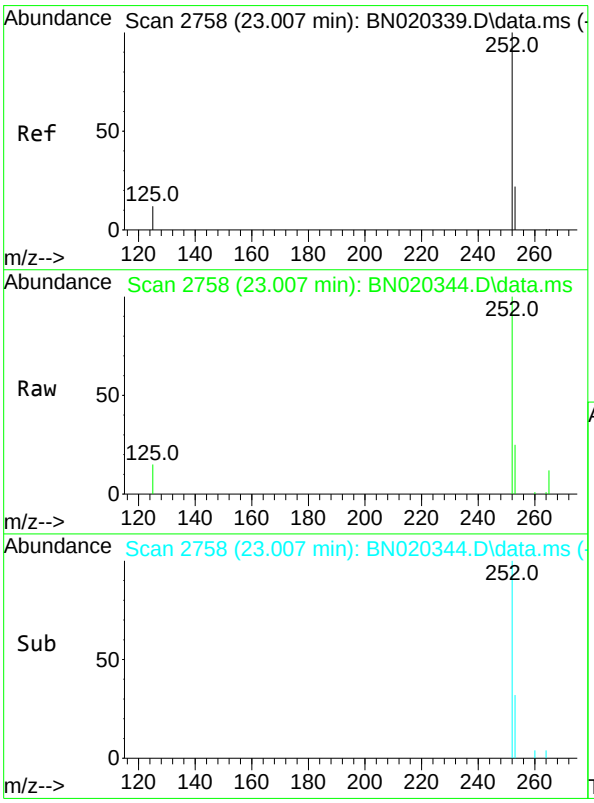
#37
Benzo(b)fluoranthene
Concen: 0.370 ng
RT: 22.960 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN020344.D
Acq: 22 Jun 2022 15:36

Instrument :
BNA_N
ClientSampleId :
ICVBN062222

Tgt Ion:252 Resp: 14369

Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.5	27.7
125	15.4	11.4	17.0

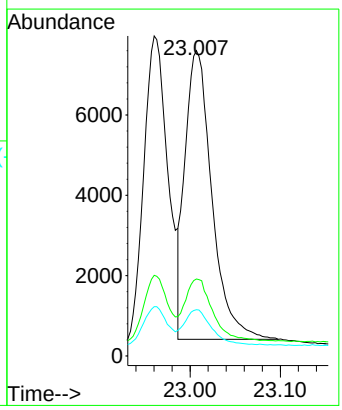


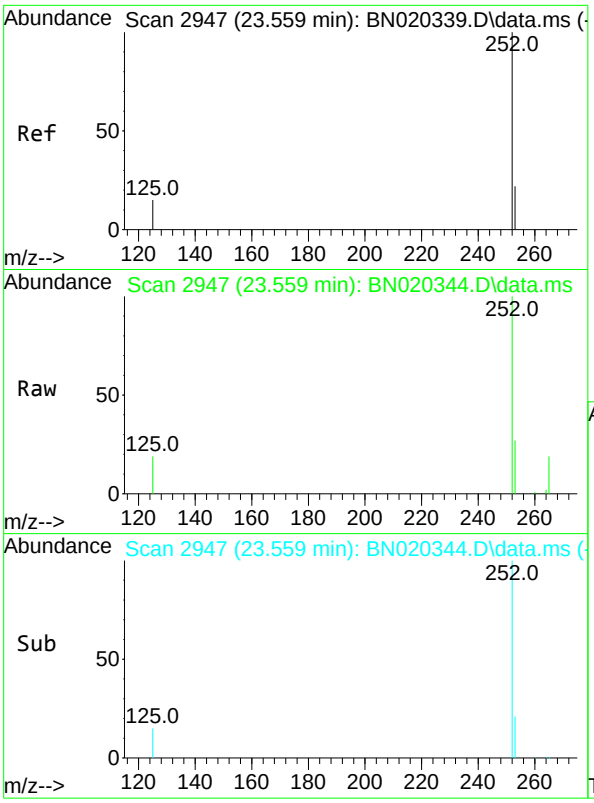


#38
Benzo(k)fluoranthene
Concen: 0.371 ng
RT: 23.007 min Scan# 2758
Delta R.T. 0.000 min
Lab File: BN020344.D
Acq: 22 Jun 2022 15:36

Tgt Ion:252 Resp: 14852

Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.0	27.0
125	15.1	11.0	16.4



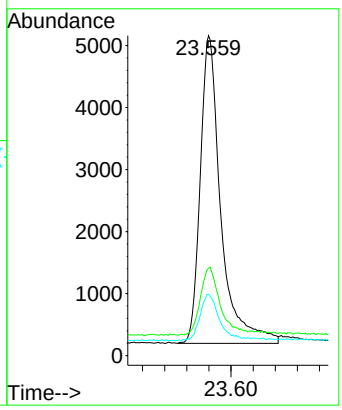


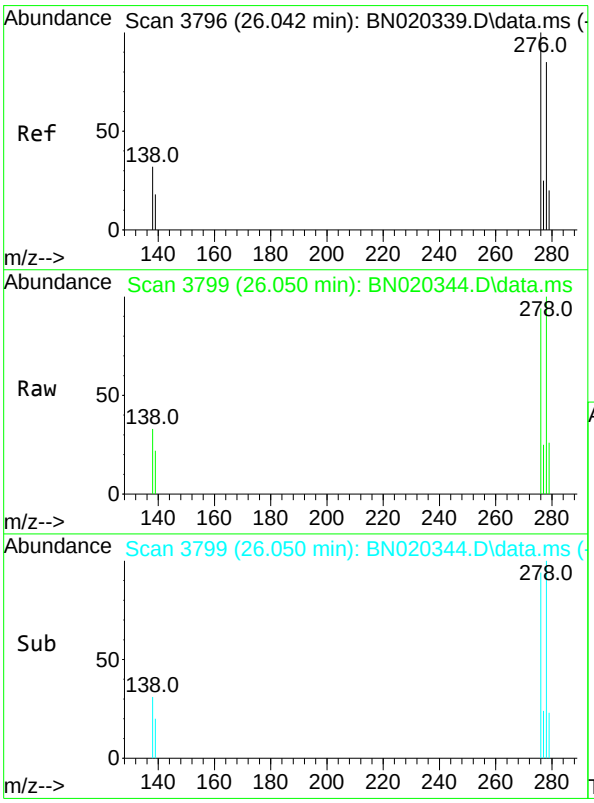
#39
Benzo(a)pyrene
Concen: 0.378 ng
RT: 23.559 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN020344.D
Acq: 22 Jun 2022 15:36

Instrument :
BNA_N
ClientSampleId :
ICVBN062222

Tgt Ion:252 Resp: 12802

Ion	Ratio	Lower	Upper
252	100		
253	27.4	19.0	28.4
125	19.1	13.8	20.8

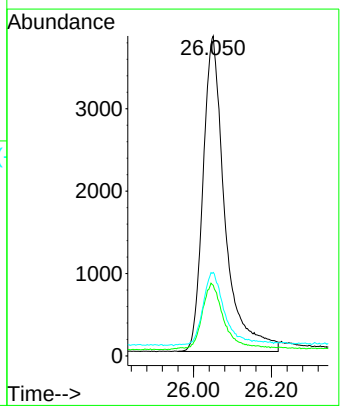


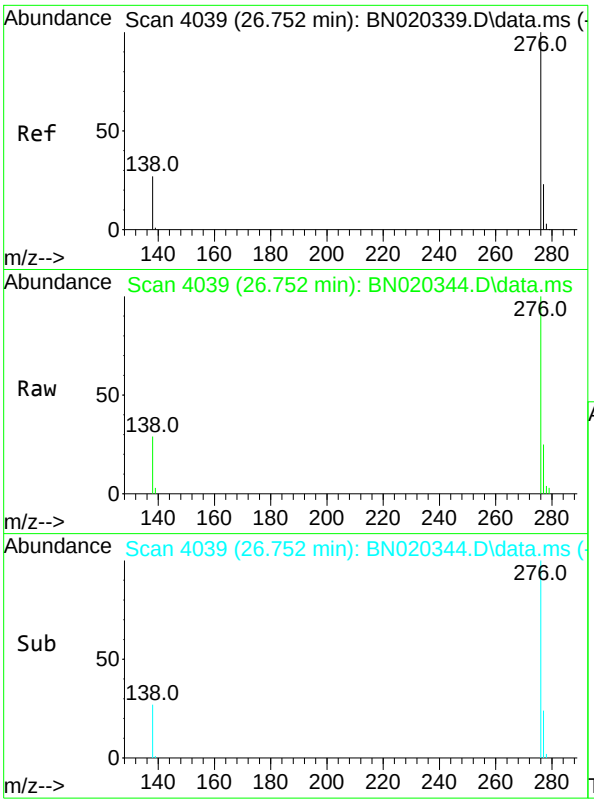


#40
Dibenzo(a,h)anthracene
Concen: 0.388 ng
RT: 26.050 min Scan# 3799
Delta R.T. 0.009 min
Lab File: BN020344.D
Acq: 22 Jun 2022 15:36

Tgt Ion:278 Resp: 14899

Ion	Ratio	Lower	Upper
278	100		
139	22.1	18.6	28.0
279	26.1	19.7	29.5





#41
Benzo(g,h,i)perylene
Concen: 0.394 ng
RT: 26.752 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN020344.D
Acq: 22 Jun 2022 15:36

Instrument :
BNA_N
ClientSampleId :
ICVBN062222

Tgt Ion:276 Resp: 16878

Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.5	29.3
138	28.6	22.6	34.0