Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102722\
Data File : BN022346.D
Acq On : 26 Oct 2022 22:08
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN102722

Quant Time: Oct 27 07:21:44 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 27 07:14:22 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.942	152	3282	0.400	ng		0.00
7) Naphthalene-d8	10.773	136	9988	0.400	ng		0.00
13) Acenaphthene-d10	14.614	164	5577	0.400	ng		0.00
19) Phenanthrene-d10	17.366	188	12149	0.400	ng	#	0.00
29) Chrysene-d12	21.573	240	9540	0.400	ng	#	0.00
35) Perylene-d12	24.034	264	7775	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.472	112	3322	0.380	ng		0.00
5) Phenol-d6	7.104	99	4100	0.374	ng		0.00
8) Nitrobenzene-d5	9.118	82	3211	0.372	ng		0.00
11) 2-Methylnaphthalene-d10	12.364	152	5971	0.381	ng		0.00
14) 2,4,6-Tribromophenol	16.112	330	860	0.359	ng		0.00
15) 2-Fluorobiphenyl	13.235	172	9305	0.390	ng		0.00
27) Fluoranthene-d10	19.407	212	12874	0.384	ng		0.00
31) Terphenyl-d14	20.001	244	10240	0.412	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.291	88	1834	0.399	ng		99
3) n-Nitrosodimethylamine	3.638	42	1872	0.383	ng	#	98
6) bis(2-Chloroethyl)ether	7.364	93	4100	0.390	ng		100
9) Naphthalene	10.816	128	11679	0.391	ng		100
10) Hexachlorobutadiene	11.094	225	2006	0.396	ng	#	100
12) 2-Methylnaphthalene	12.077	142	2015	0.339	ng		99
16) Acenaphthylene	14.336	152	9904	0.367	ng		100
17) Acenaphthene	14.678	154	7095	0.385	ng		100
18) Fluorene	15.662	166	9831	0.383	ng		97
20) 4,6-Dinitro-2-methylph...	15.752	198	594	0.306	ng		83
21) 4-Bromophenyl-phenylether	16.559	248	2782	0.379	ng	#	84
22) Hexachlorobenzene	16.671	284	3277	0.390	ng		99
23) Atrazine	16.832	200	2163	0.353	ng		95
24) Pentachlorophenol	17.019	266	1058	0.304	ng		100
25) Phenanthrene	17.403	178	15853	0.381	ng		100
26) Anthracene	17.503	178	12777	0.364	ng		100
28) Fluoranthene	19.436	202	17399	0.385	ng		100
30) Pyrene	19.803	202	17628	0.402	ng		100
32) Benzo(a)anthracene	21.555	228	14092	0.375	ng		99
33) Chrysene	21.608	228	15443	0.393	ng		100
34) Bis(2-ethylhexyl)phtha...	21.474	149	13397	0.518	ng		99
36) Indeno(1,2,3-cd)pyrene	26.616	276	13840	0.360	ng		100
37) Benzo(b)fluoranthene	23.277	252	14160	0.398	ng		99
38) Benzo(k)fluoranthene	23.324	252	13532	0.382	ng		100
39) Benzo(a)pyrene	23.923	252	11080	0.383	ng		99
40) Dibenzo(a,h)anthracene	26.636	278	10757	0.359	ng		99
41) Benzo(g,h,i)perylene	27.411	276	11335	0.358	ng		99

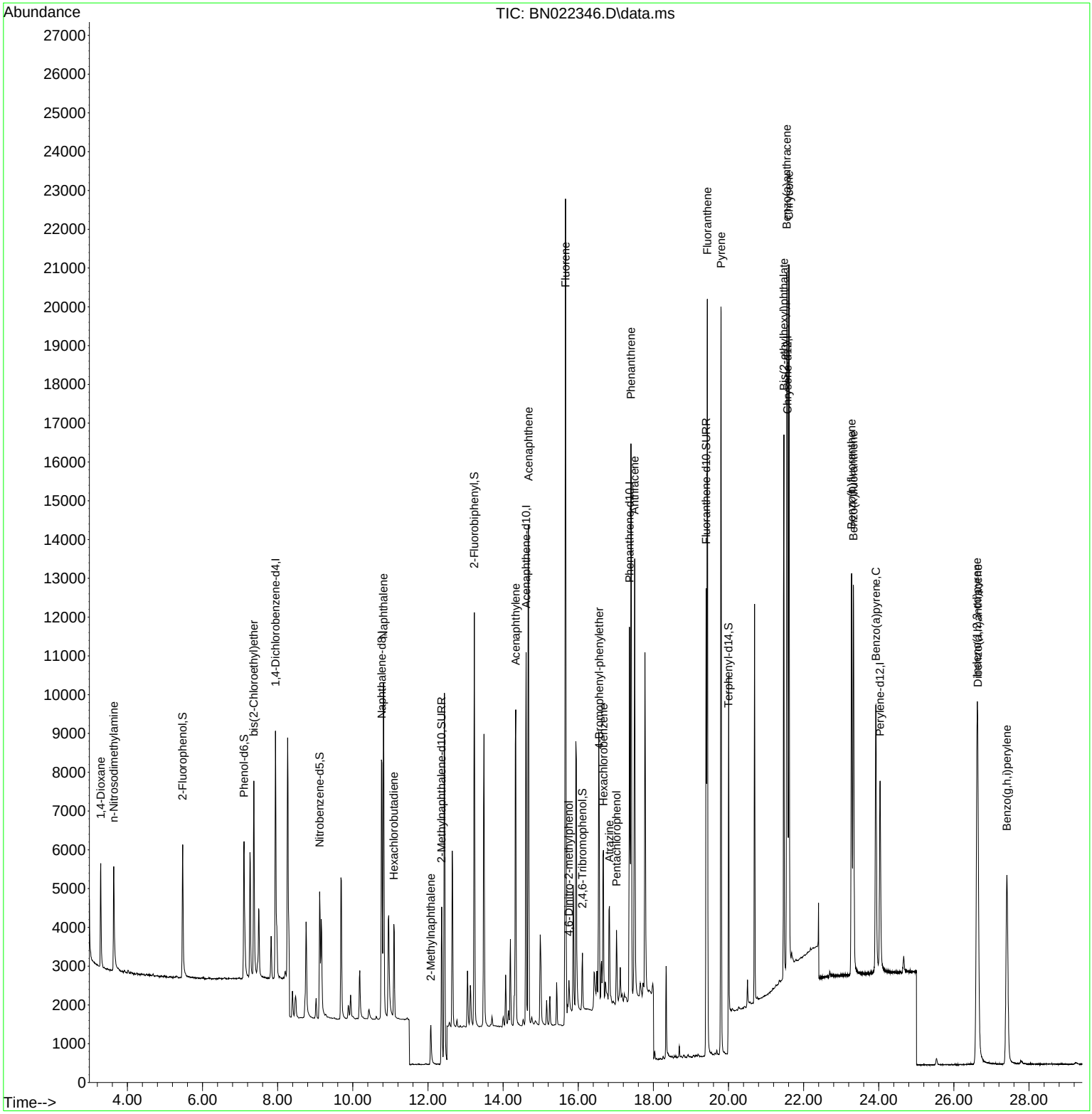
(#) = qualifier out of range (m) = manual integration (+) = signals summed

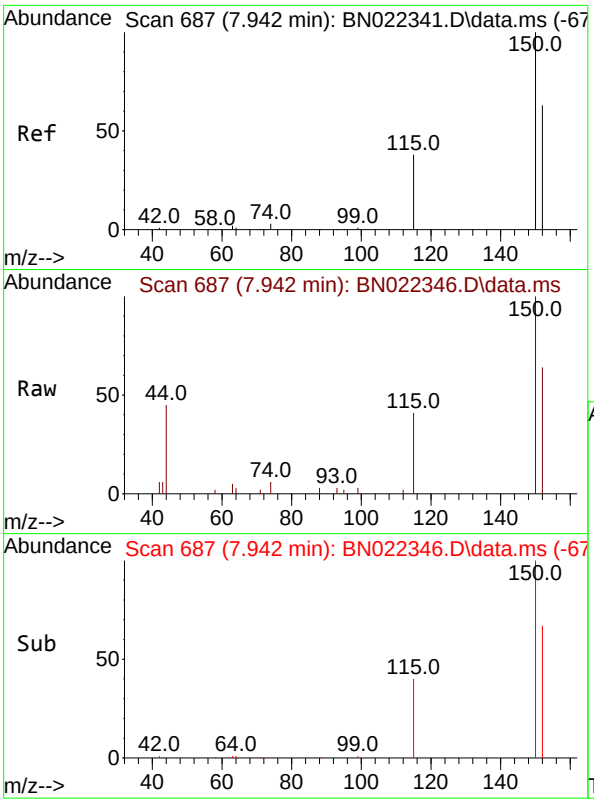
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102722\
Data File : BN022346.D
Acq On : 26 Oct 2022 22:08
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN102722

Quant Time: Oct 27 07:21:44 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 27 07:14:22 2022
Response via : Initial Calibration



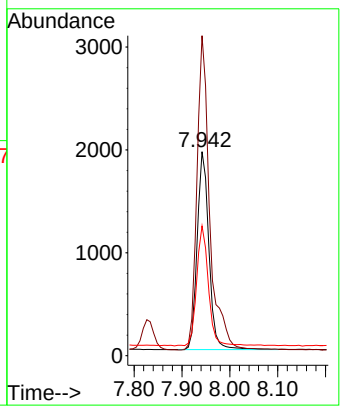


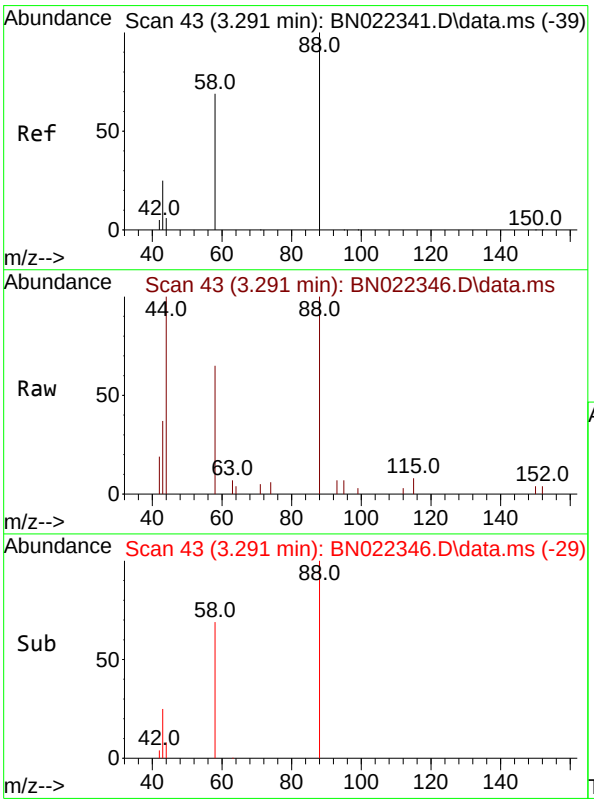
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.942 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN022346.D
Acq: 26 Oct 2022 22:08

Instrument :
BNA_N
ClientSampleId :
ICVBN102722

Tgt Ion:152 Resp: 3282

Ion	Ratio	Lower	Upper
152	100		
150	156.9	125.2	187.8
115	63.6	52.0	78.0

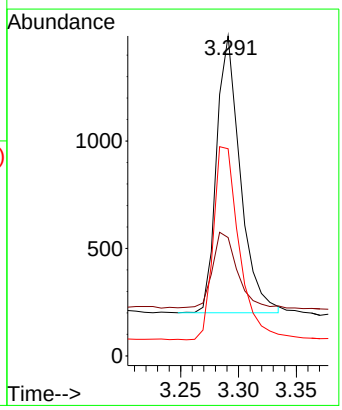


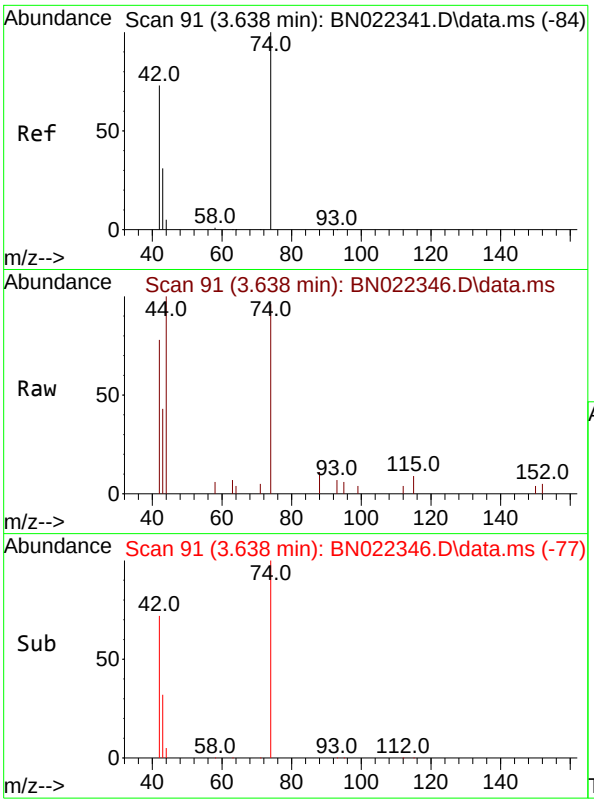


#2
1,4-Dioxane
Concen: 0.399 ng
RT: 3.291 min Scan# 43
Delta R.T. -0.000 min
Lab File: BN022346.D
Acq: 26 Oct 2022 22:08

Tgt Ion: 88 Resp: 1834

Ion	Ratio	Lower	Upper
88	100		
43	27.9	22.6	33.8
58	76.1	59.7	89.5



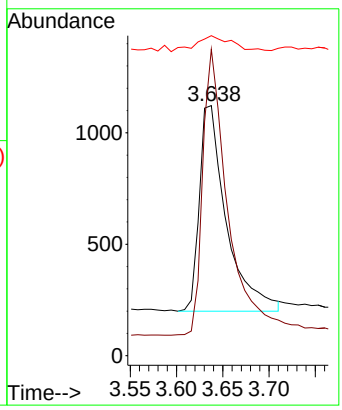


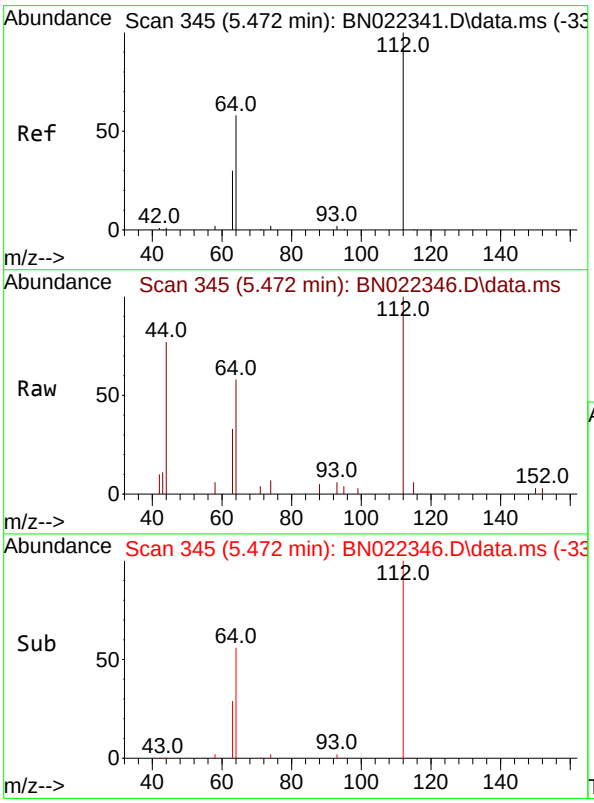
#3
n-Nitrosodimethylamine
Concen: 0.383 ng
RT: 3.638 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN022346.D
Acq: 26 Oct 2022 22:08

Instrument :
BNA_N
ClientSampleId :
ICVBN102722

Tgt Ion: 42 Resp: 1872

Ion	Ratio	Lower	Upper
42	100		
74	130.1	105.6	158.4
44	10.7	7.1	10.7#

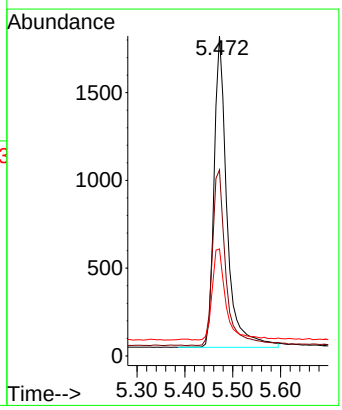


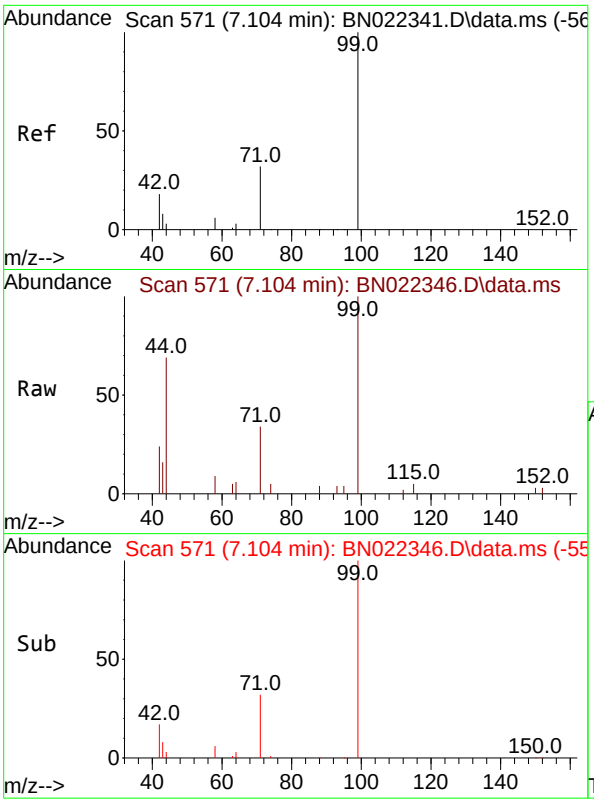


#4
2-Fluorophenol
Concen: 0.380 ng
RT: 5.472 min Scan# 345
Delta R.T. -0.000 min
Lab File: BN022346.D
Acq: 26 Oct 2022 22:08

Tgt Ion:112 Resp: 3322

Ion	Ratio	Lower	Upper
112	100		
64	58.2	47.0	70.4
63	31.0	24.5	36.7



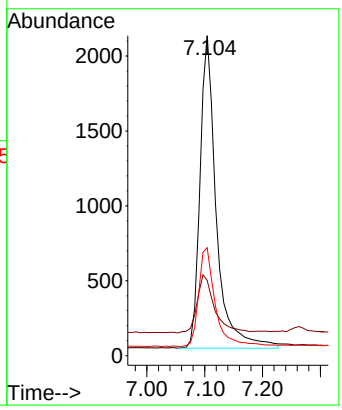


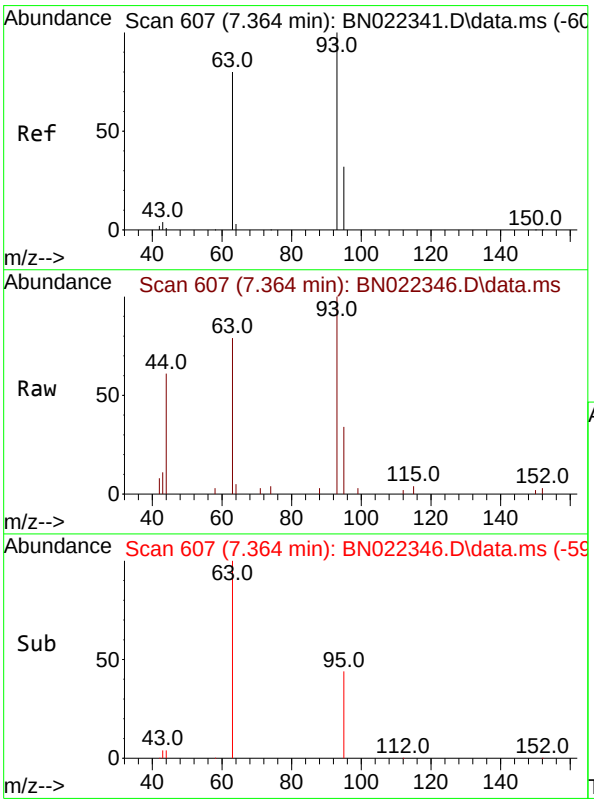
#5
Phenol-d6
Concen: 0.374 ng
RT: 7.104 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN022346.D
Acq: 26 Oct 2022 22:08

Instrument :
BNA_N
ClientSampleId :
ICVBN102722

Tgt Ion: 99 Resp: 4100

Ion	Ratio	Lower	Upper
99	100		
42	19.7	16.3	24.5
71	32.8	26.1	39.1

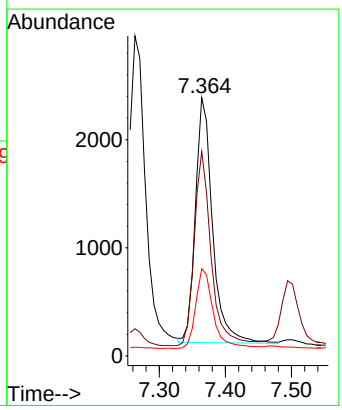


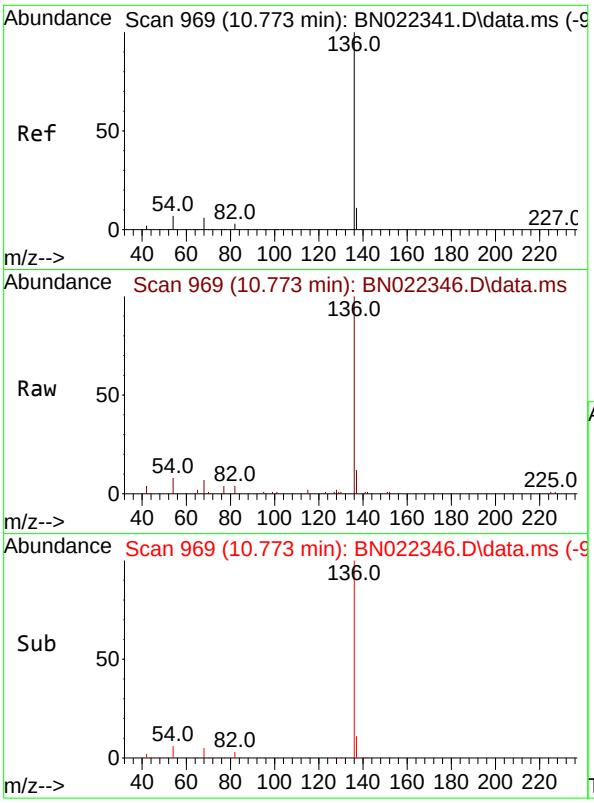


#6
bis(2-Chloroethyl)ether
Concen: 0.390 ng
RT: 7.364 min Scan# 607
Delta R.T. -0.000 min
Lab File: BN022346.D
Acq: 26 Oct 2022 22:08

Tgt Ion: 93 Resp: 4100

Ion	Ratio	Lower	Upper
93	100		
63	78.3	62.6	93.8
95	33.3	26.1	39.1



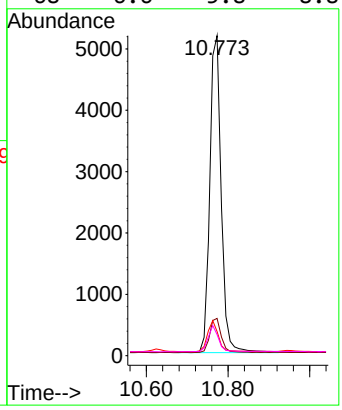


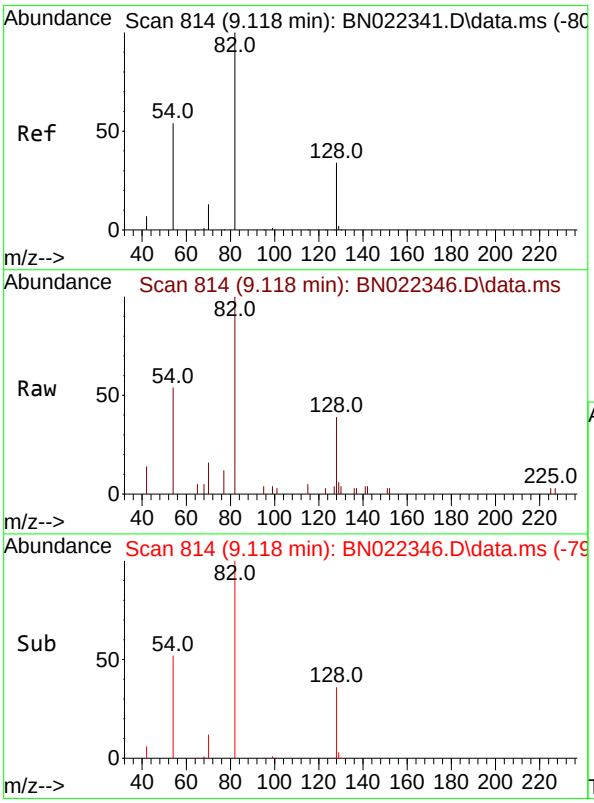
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.773 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN022346.D
Acq: 26 Oct 2022 22:08

Instrument :
BNA_N
ClientSampleId :
ICVBN102722

Tgt Ion:136 Resp: 9988

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.4	14.2
54	7.6	6.5	9.7
68	6.6	5.8	8.8

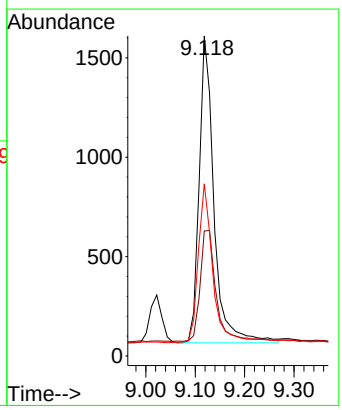


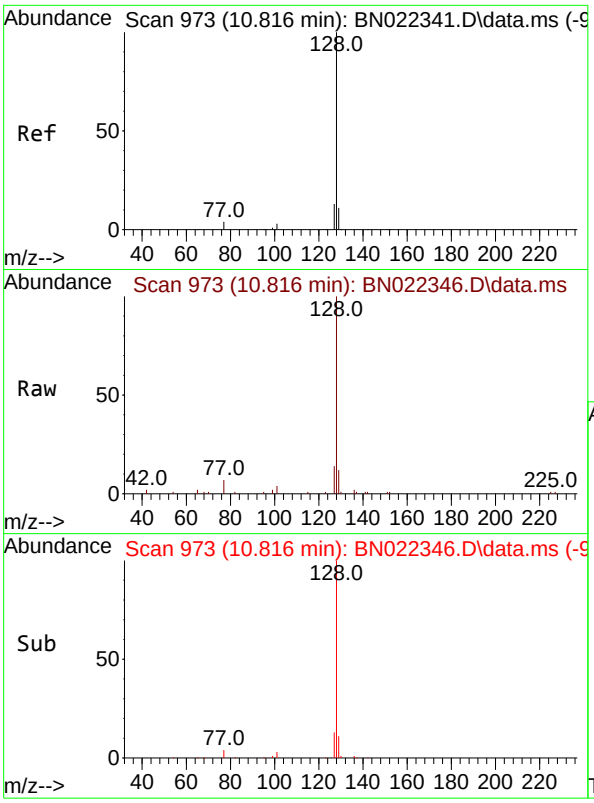


#8
Nitrobenzene-d5
Concen: 0.372 ng
RT: 9.118 min Scan# 814
Delta R.T. -0.000 min
Lab File: BN022346.D
Acq: 26 Oct 2022 22:08

Tgt Ion: 82 Resp: 3211

Ion	Ratio	Lower	Upper
82	100		
128	39.1	30.5	45.7
54	53.8	45.2	67.8



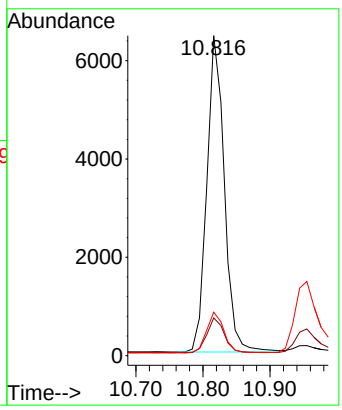


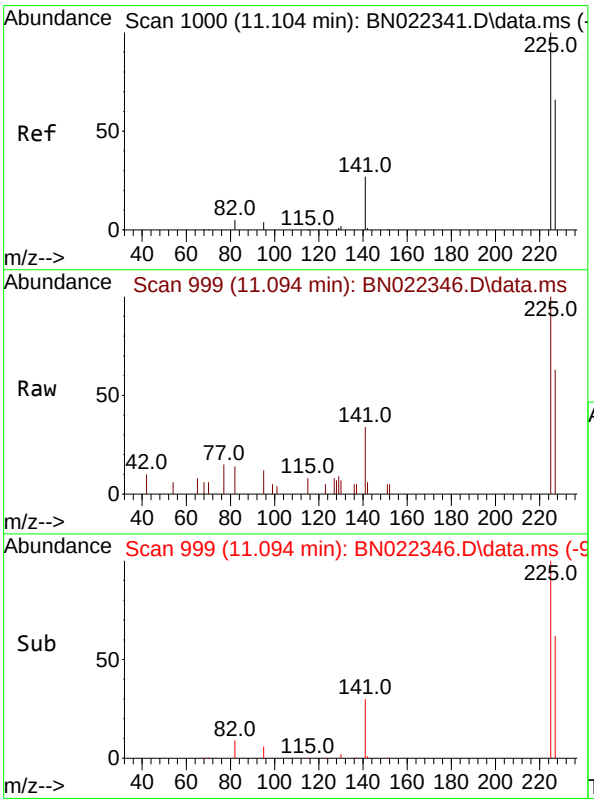
#9
Naphthalene
Concen: 0.391 ng
RT: 10.816 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN022346.D
Acq: 26 Oct 2022 22:08

Instrument :
BNA_N
ClientSampleId :
ICVBN102722

Tgt Ion:128 Resp: 11679

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.4	14.2
127	13.6	11.0	16.6

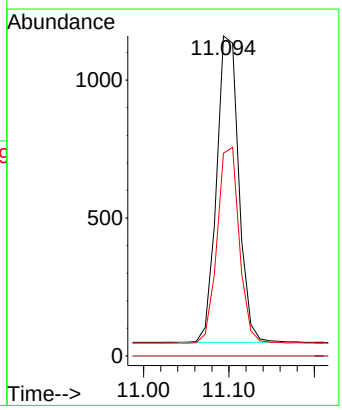


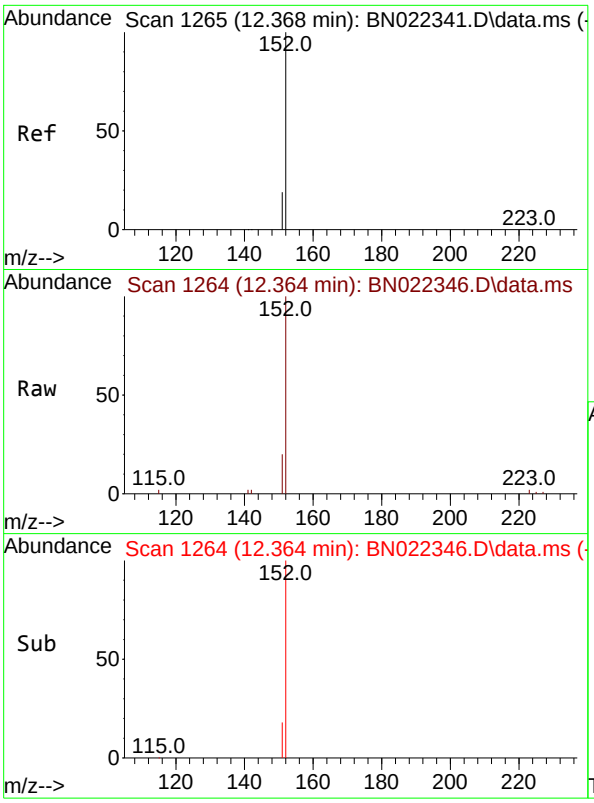


#10
Hexachlorobutadiene
Concen: 0.396 ng
RT: 11.094 min Scan# 999
Delta R.T. -0.011 min
Lab File: BN022346.D
Acq: 26 Oct 2022 22:08

Tgt Ion:225 Resp: 2006

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	51.3	76.9



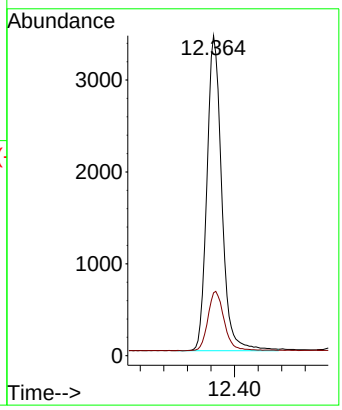


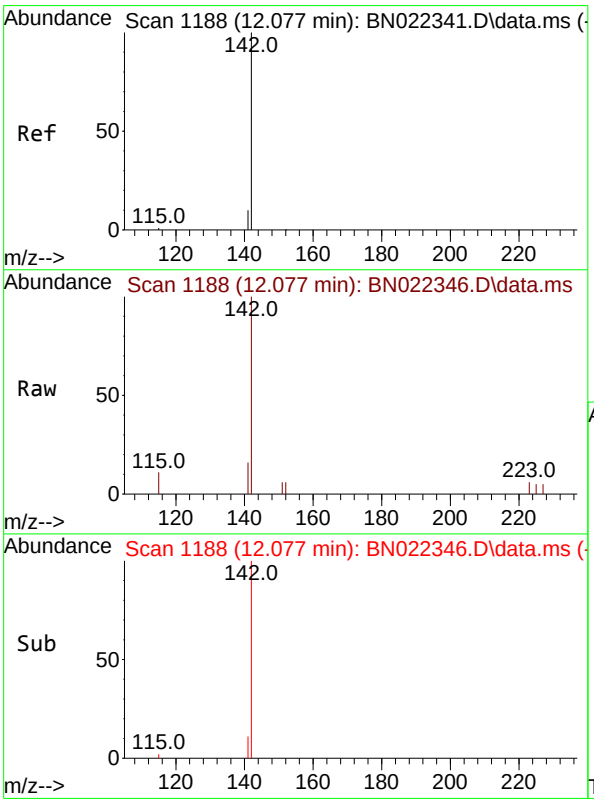
#11
2-Methylnaphthalene-d10
Concen: 0.381 ng
RT: 12.364 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN022346.D
Acq: 26 Oct 2022 22:08

Instrument :
BNA_N
ClientSampleId :
ICVBN102722

Tgt Ion:152 Resp: 5971

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.7	25.1

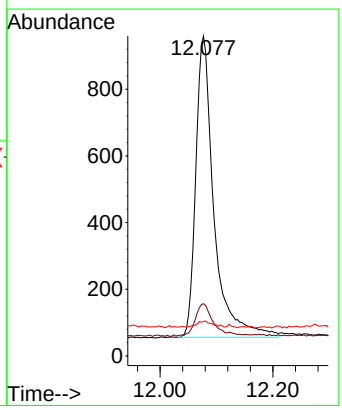


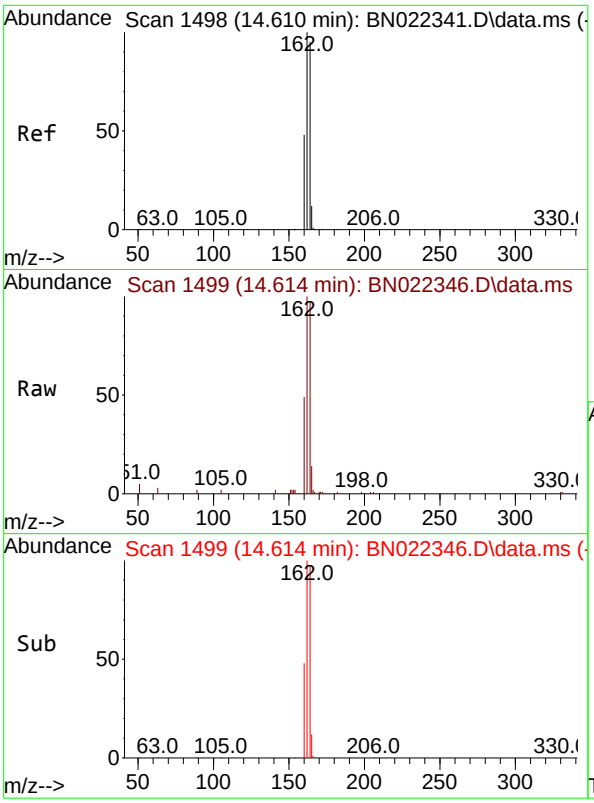


#12
2-Methylnaphthalene
Concen: 0.339 ng
RT: 12.077 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BN022346.D
Acq: 26 Oct 2022 22:08

Tgt Ion:142 Resp: 2015

Ion	Ratio	Lower	Upper
142	100		
141	16.4	13.0	19.4
115	10.7	9.1	13.7



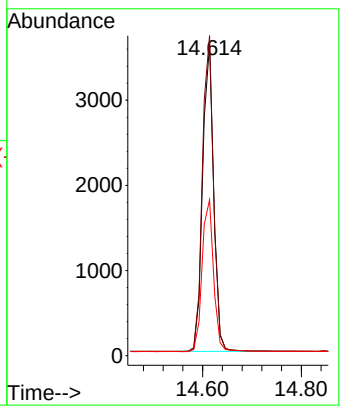


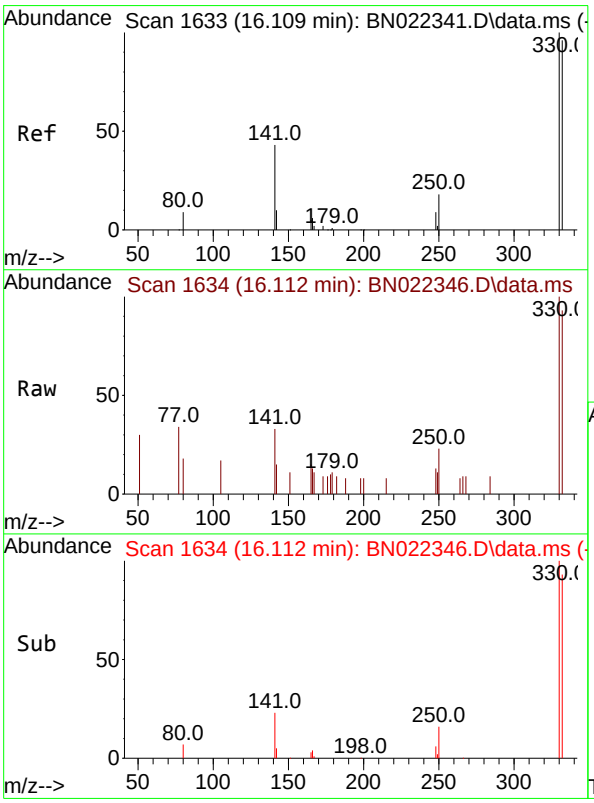
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.614 min Scan# 14
Delta R.T. 0.004 min
Lab File: BN022346.D
Acq: 26 Oct 2022 22:08

Instrument :
BNA_N
ClientSampleId :
ICVBN102722

Tgt Ion:164 Resp: 5577

Ion	Ratio	Lower	Upper
164	100		
162	102.7	83.9	125.9
160	50.0	41.0	61.4

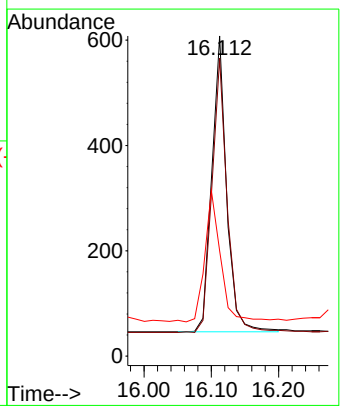


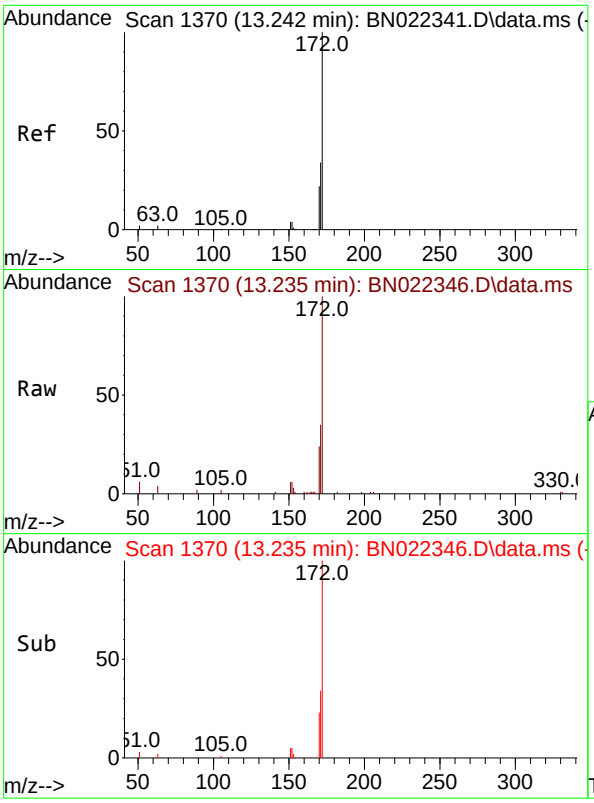


#14
2,4,6-Tribromophenol
Concen: 0.359 ng
RT: 16.112 min Scan# 1634
Delta R.T. 0.004 min
Lab File: BN022346.D
Acq: 26 Oct 2022 22:08

Tgt Ion:330 Resp: 860

Ion	Ratio	Lower	Upper
330	100		
332	95.2	78.6	118.0
141	46.6	40.2	60.4



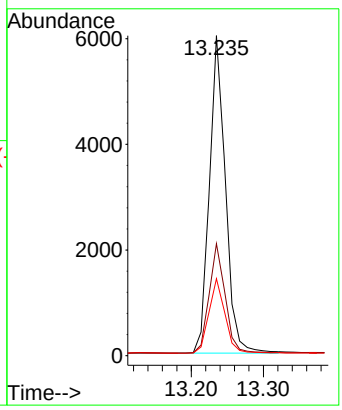


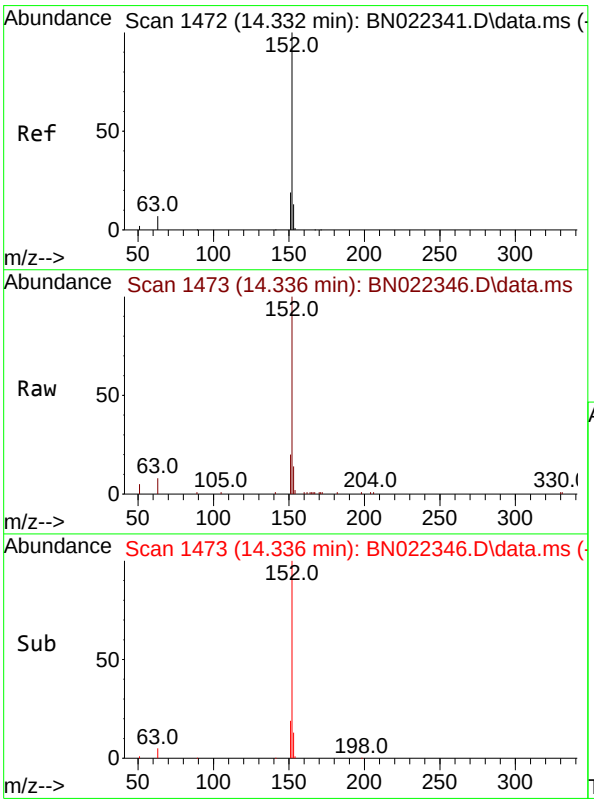
#15
2-Fluorobiphenyl
Concen: 0.390 ng
RT: 13.235 min Scan# 1
Delta R.T. -0.007 min
Lab File: BN022346.D
Acq: 26 Oct 2022 22:08

Instrument :
BNA_N
ClientSampleId :
ICVBN102722

Tgt Ion:172 Resp: 9305

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.4	41.0
170	24.0	18.5	27.7

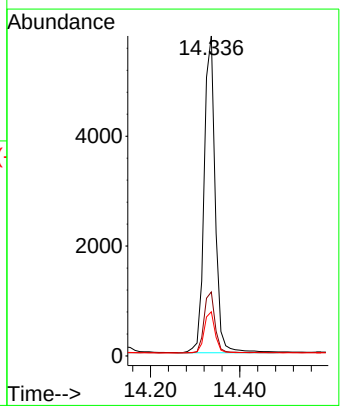


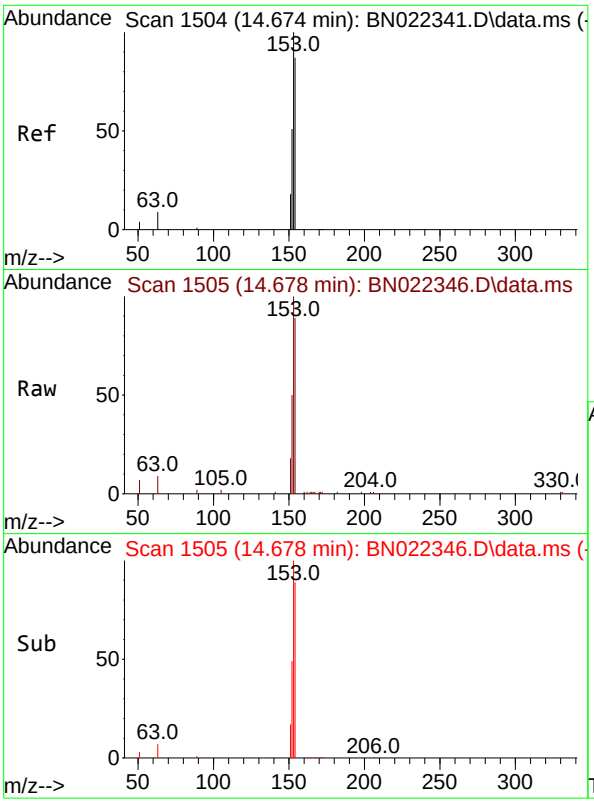


#16
Acenaphthylene
Concen: 0.367 ng
RT: 14.336 min Scan# 1473
Delta R.T. 0.004 min
Lab File: BN022346.D
Acq: 26 Oct 2022 22:08

Tgt Ion:152 Resp: 9904

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.2	22.8
153	13.1	10.3	15.5



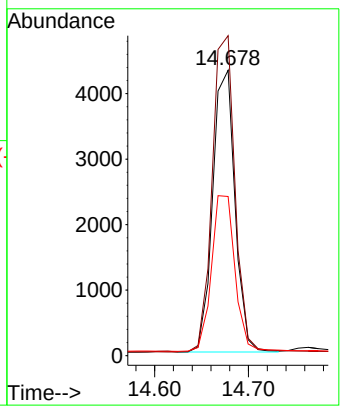


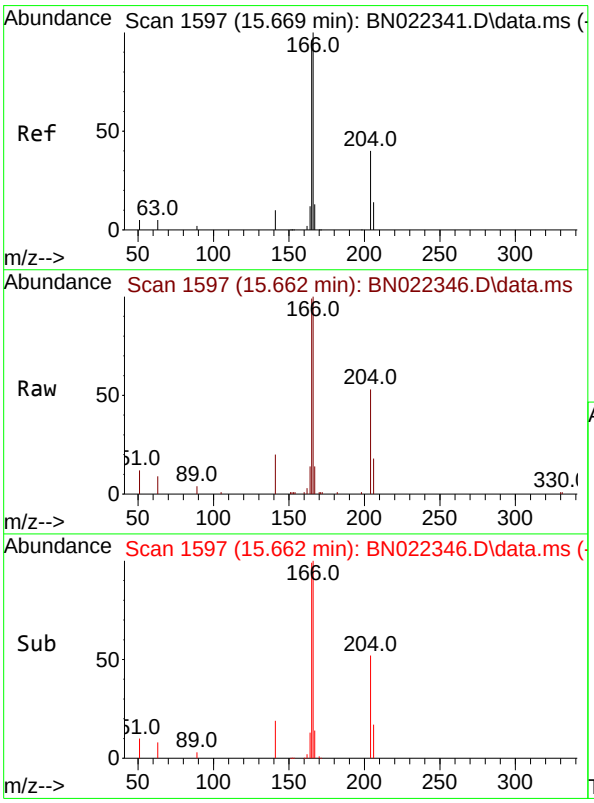
#17
Acenaphthene
Concen: 0.385 ng
RT: 14.678 min Scan# 1
Delta R.T. 0.004 min
Lab File: BN022346.D
Acq: 26 Oct 2022 22:08

Instrument :
BNA_N
ClientSampleId :
ICVBN102722

Tgt Ion:154 Resp: 7095

Ion	Ratio	Lower	Upper
154	100		
153	115.2	92.2	138.2
152	58.6	47.6	71.4

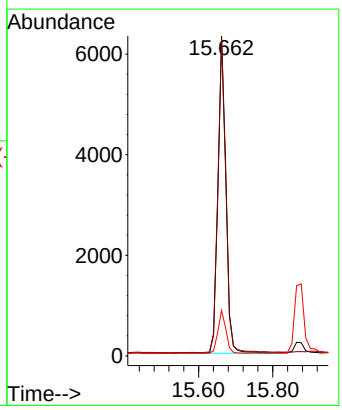


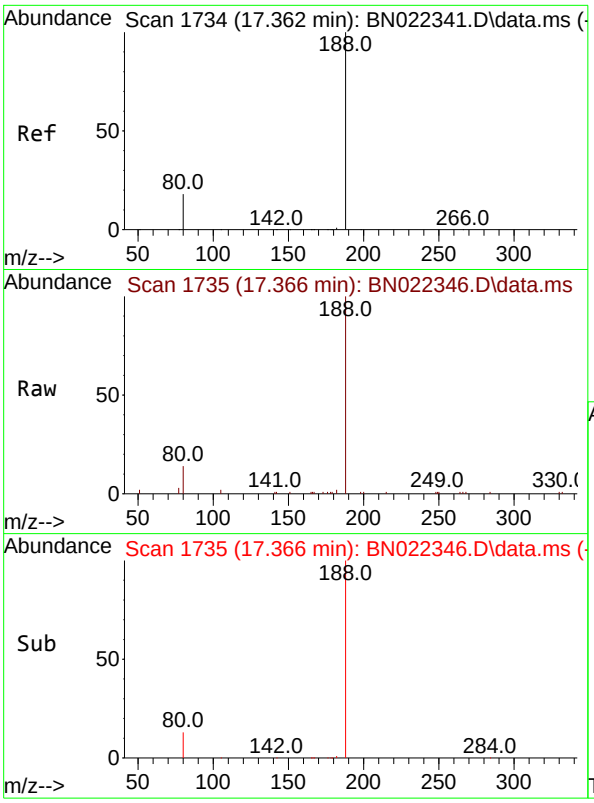


#18
Fluorene
Concen: 0.383 ng
RT: 15.662 min Scan# 1597
Delta R.T. -0.007 min
Lab File: BN022346.D
Acq: 26 Oct 2022 22:08

Tgt Ion:166 Resp: 9831

Ion	Ratio	Lower	Upper
166	100		
165	101.4	78.6	118.0
167	13.0	10.2	15.4



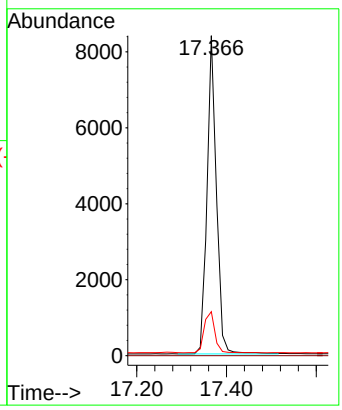


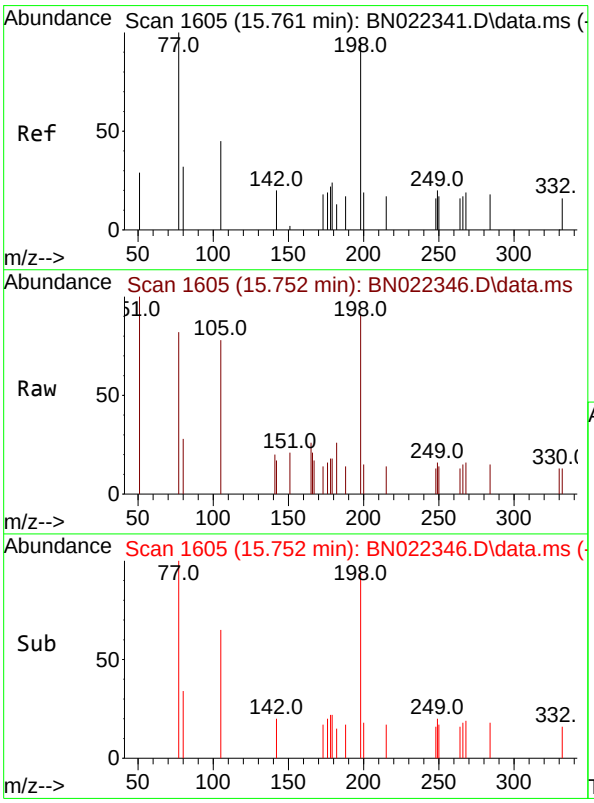
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.366 min Scan# 1
Delta R.T. 0.004 min
Lab File: BN022346.D
Acq: 26 Oct 2022 22:08

Instrument :
BNA_N
ClientSampleId :
ICVBN102722

Tgt Ion:188 Resp: 12149

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.7	15.0	22.6#

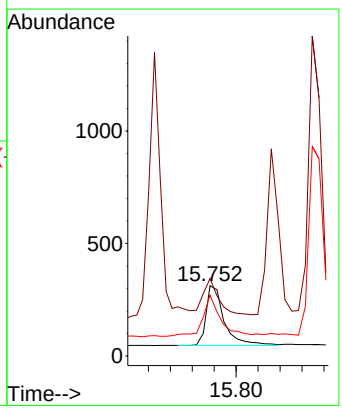


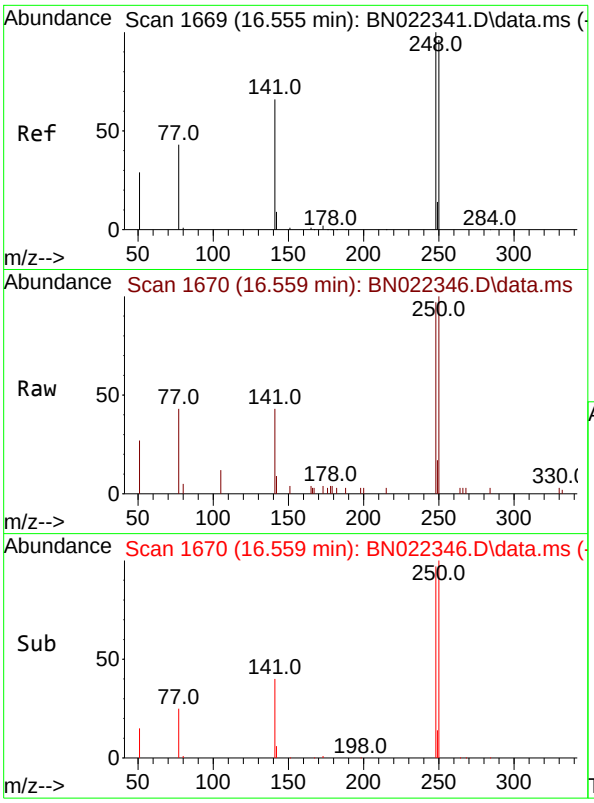


#20
4,6-Dinitro-2-methylphenol
Concen: 0.306 ng
RT: 15.752 min Scan# 1605
Delta R.T. -0.009 min
Lab File: BN022346.D
Acq: 26 Oct 2022 22:08

Tgt Ion:198 Resp: 594

Ion	Ratio	Lower	Upper
198	100		
51	110.3	74.1	111.1
105	86.5	58.8	88.2



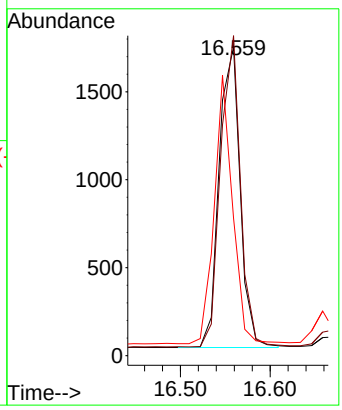


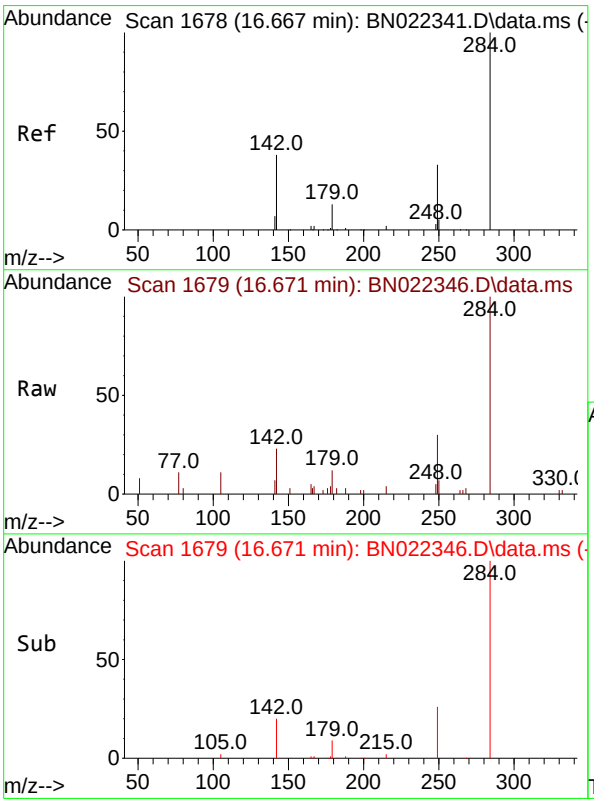
#21
4-Bromophenyl-phenylether
Concen: 0.379 ng
RT: 16.559 min Scan# 1(
Delta R.T. 0.004 min
Lab File: BN022346.D
Acq: 26 Oct 2022 22:08

Instrument :
BNA_N
ClientSampleId :
ICVBN102722

Tgt Ion:248 Resp: 2782

Ion	Ratio	Lower	Upper
248	100		
250	103.6	77.5	116.3
141	44.5	54.5	81.7#

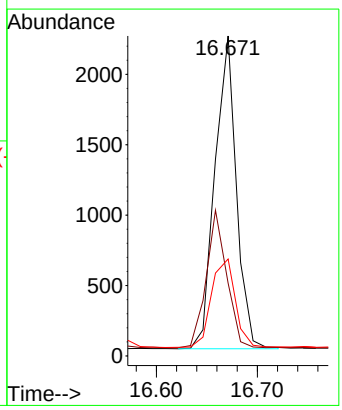


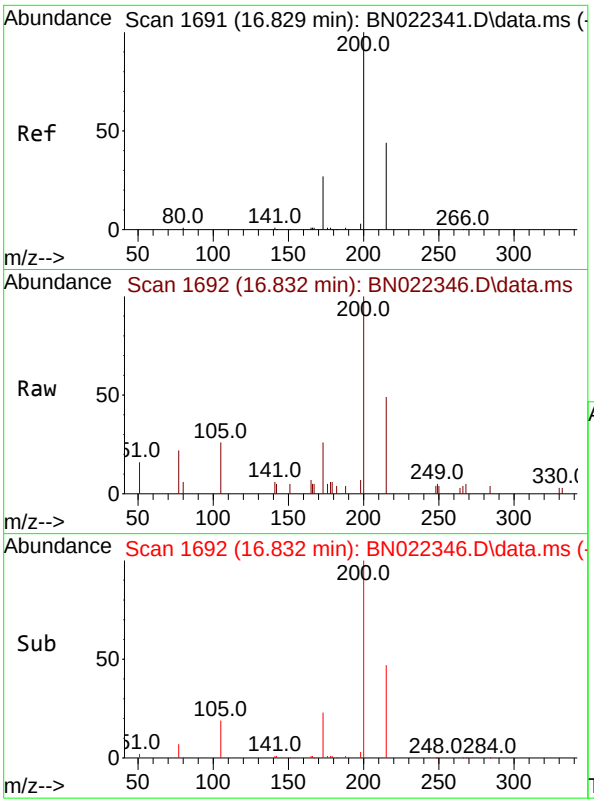


#22
Hexachlorobenzene
Concen: 0.390 ng
RT: 16.671 min Scan# 1679
Delta R.T. 0.004 min
Lab File: BN022346.D
Acq: 26 Oct 2022 22:08

Tgt Ion:284 Resp: 3277

Ion	Ratio	Lower	Upper
284	100		
142	41.7	33.8	50.8
249	31.5	25.5	38.3



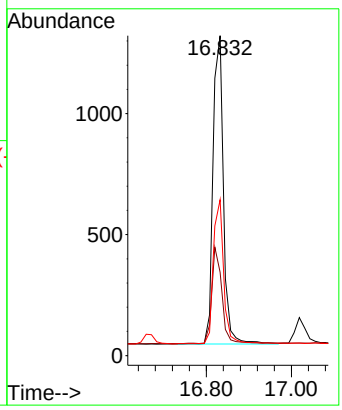


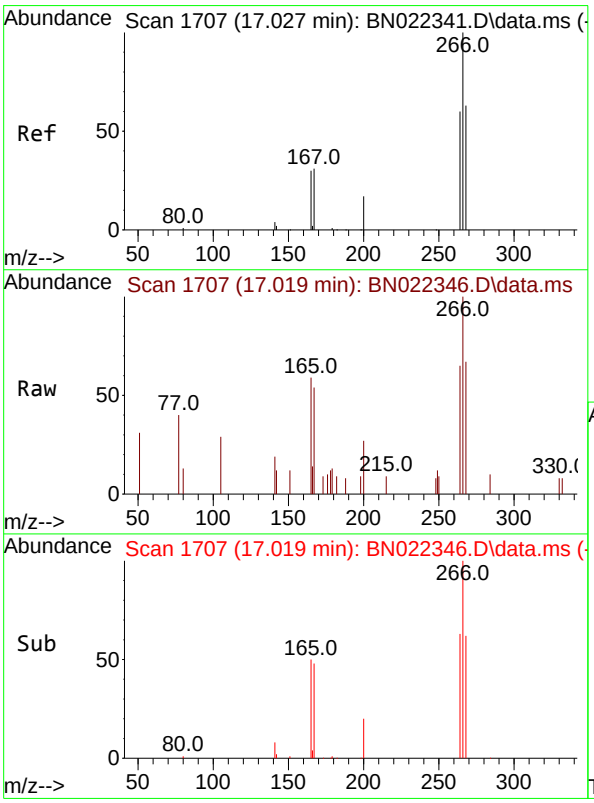
#23
Atrazine
Concen: 0.353 ng
RT: 16.832 min Scan# 1
Delta R.T. 0.004 min
Lab File: BN022346.D
Acq: 26 Oct 2022 22:08

Instrument :
BNA_N
ClientSampleId :
ICVBN102722

Tgt Ion:200 Resp: 2163

Ion	Ratio	Lower	Upper
200	100		
173	26.0	23.7	35.5
215	48.7	36.6	55.0

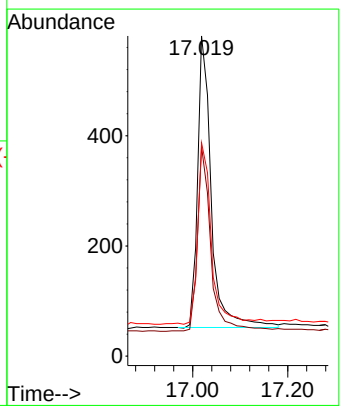


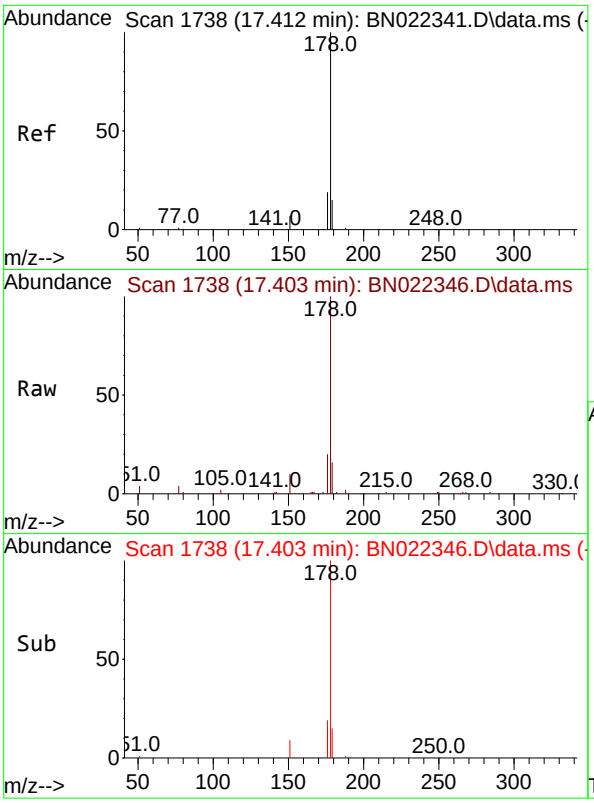


#24
Pentachlorophenol
Concen: 0.304 ng
RT: 17.019 min Scan# 1707
Delta R.T. -0.009 min
Lab File: BN022346.D
Acq: 26 Oct 2022 22:08

Tgt Ion:266 Resp: 1058

Ion	Ratio	Lower	Upper
266	100		
264	61.1	49.1	73.7
268	62.4	49.6	74.4



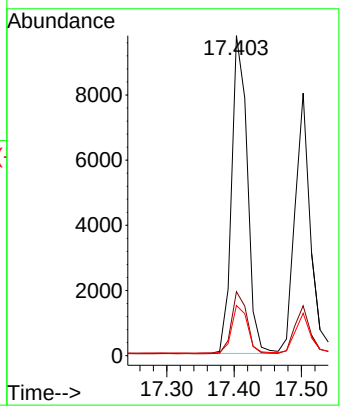


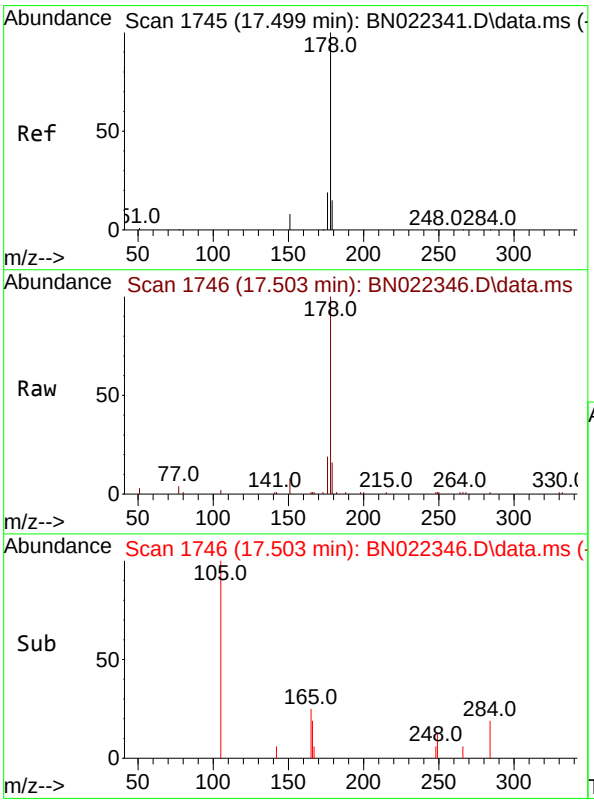
#25
Phenanthrene
Concen: 0.381 ng
RT: 17.403 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN022346.D
Acq: 26 Oct 2022 22:08

Instrument :
BNA_N
ClientSampleId :
ICVBN102722

Tgt Ion:178 Resp: 15853

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.4	12.5	18.7

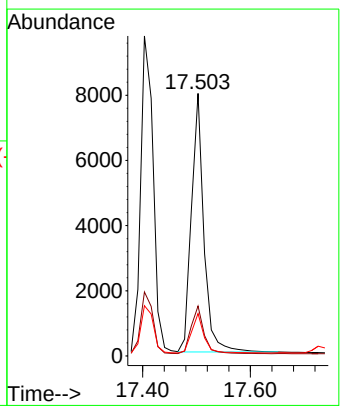


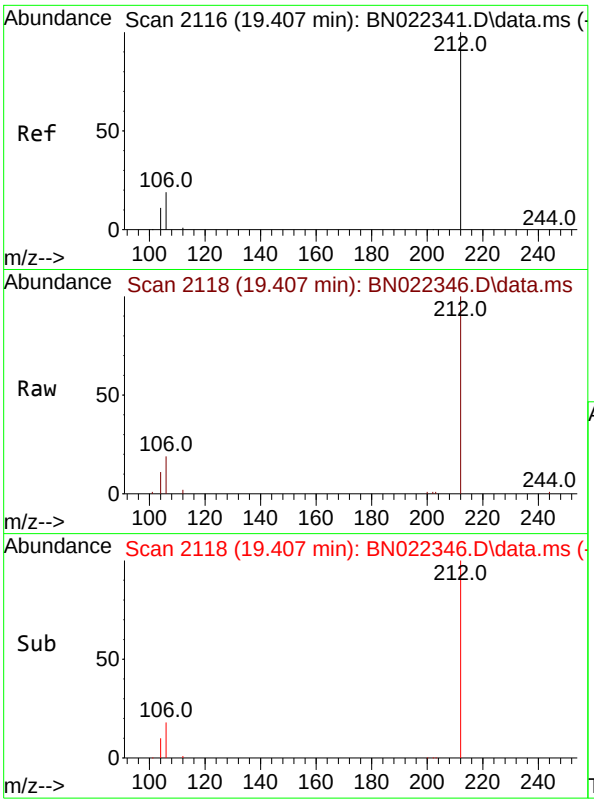


#26
Anthracene
Concen: 0.364 ng
RT: 17.503 min Scan# 1746
Delta R.T. 0.004 min
Lab File: BN022346.D
Acq: 26 Oct 2022 22:08

Tgt Ion:178 Resp: 12777

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.2	12.2	18.4



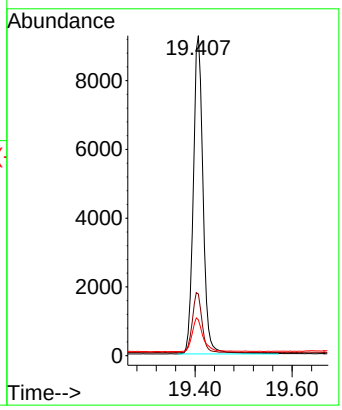


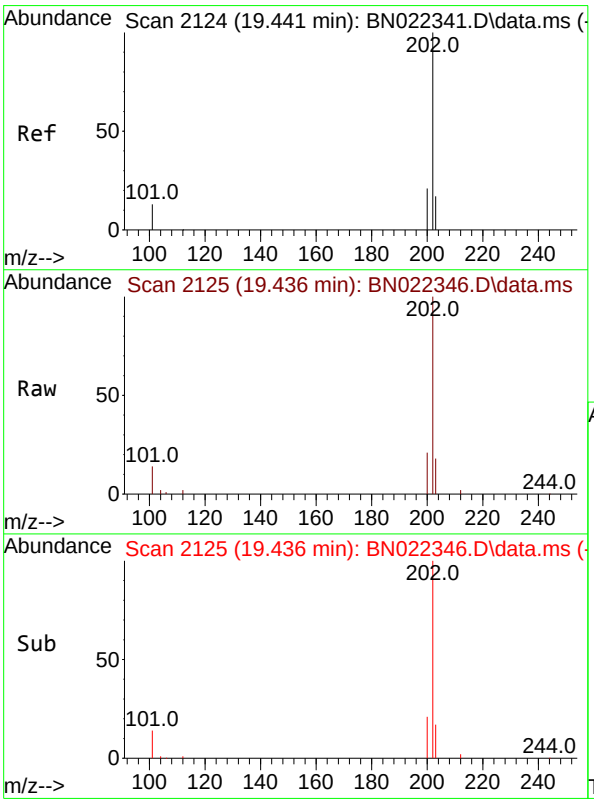
#27
Fluoranthene-d10
Concen: 0.384 ng
RT: 19.407 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN022346.D
Acq: 26 Oct 2022 22:08

Instrument :
BNA_N
ClientSampleId :
ICVBN102722

Tgt Ion:212 Resp: 12874

Ion	Ratio	Lower	Upper
212	100		
106	18.7	15.0	22.4
104	11.5	9.3	13.9

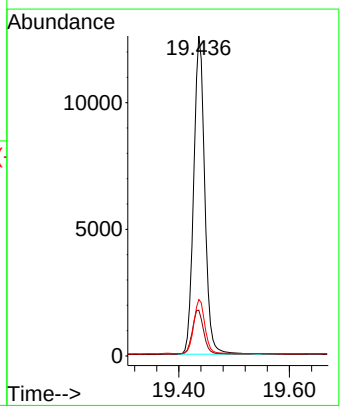


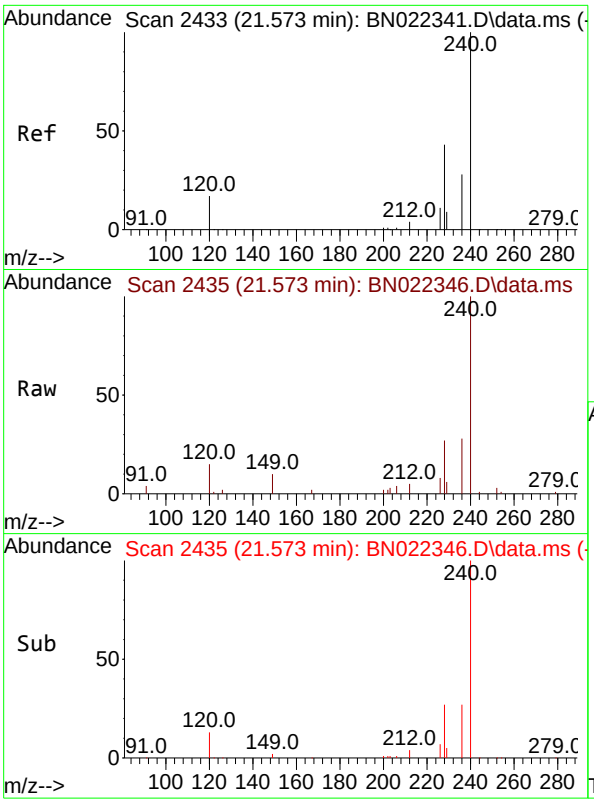


#28
Fluoranthene
Concen: 0.385 ng
RT: 19.436 min Scan# 2125
Delta R.T. -0.004 min
Lab File: BN022346.D
Acq: 26 Oct 2022 22:08

Tgt Ion:202 Resp: 17399

Ion	Ratio	Lower	Upper
202	100		
101	14.3	11.4	17.0
203	17.2	13.7	20.5



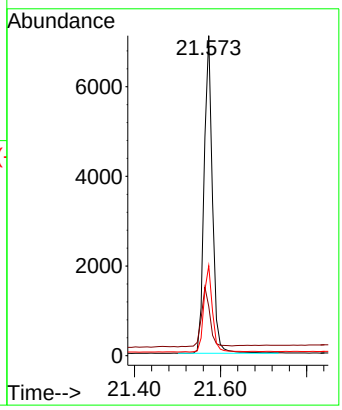


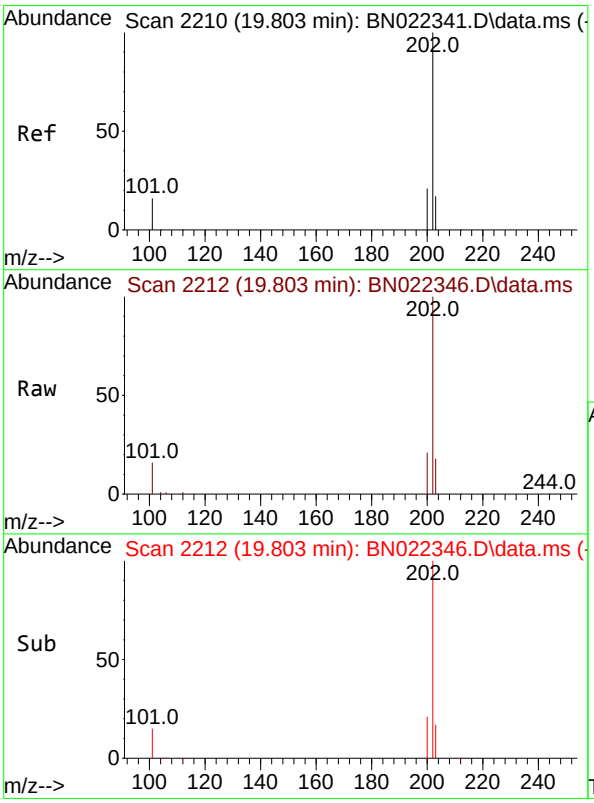
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.573 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN022346.D
Acq: 26 Oct 2022 22:08

Instrument :
BNA_N
ClientSampleId :
ICVBN102722

Tgt Ion:240 Resp: 9540

Ion	Ratio	Lower	Upper
240	100		
120	15.4	15.8	23.6#
236	28.1	23.2	34.8

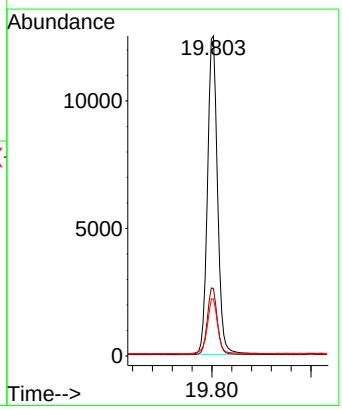


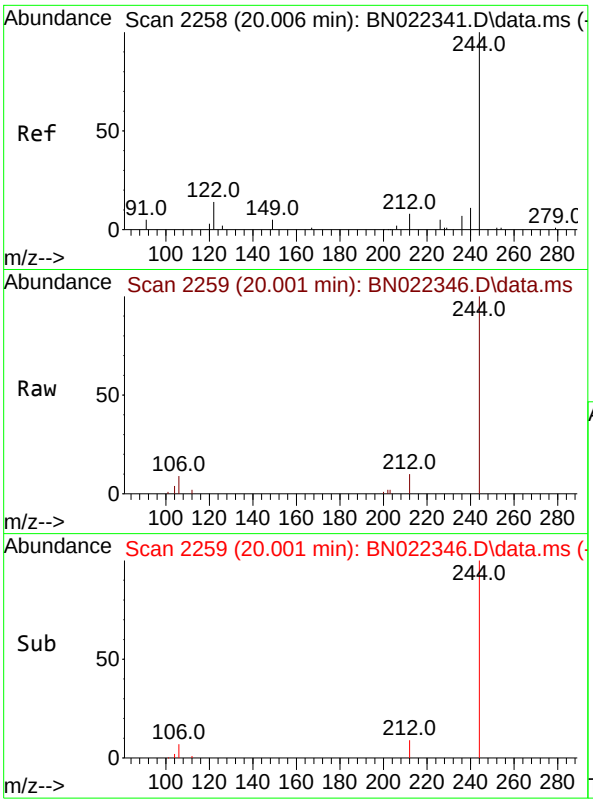


#30
Pyrene
Concen: 0.402 ng
RT: 19.803 min Scan# 2212
Delta R.T. -0.000 min
Lab File: BN022346.D
Acq: 26 Oct 2022 22:08

Tgt Ion:202 Resp: 17628

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.8	25.2
203	17.6	14.2	21.2



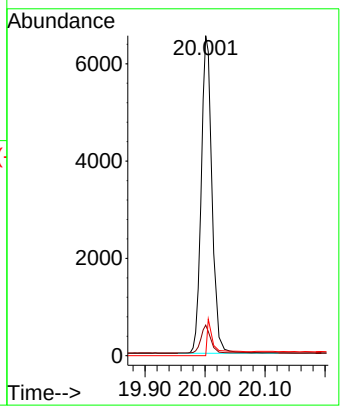


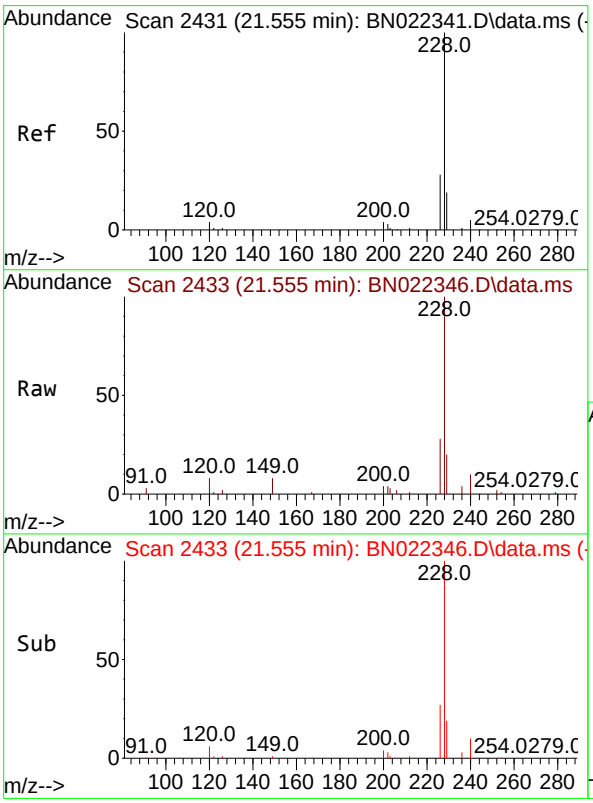
#31
Terphenyl-d14
Concen: 0.412 ng
RT: 20.001 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN022346.D
Acq: 26 Oct 2022 22:08

Instrument :
BNA_N
ClientSampleId :
ICVBN102722

Tgt Ion:244 Resp: 10240

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.0	10.4
122	0.0	11.5	17.3#

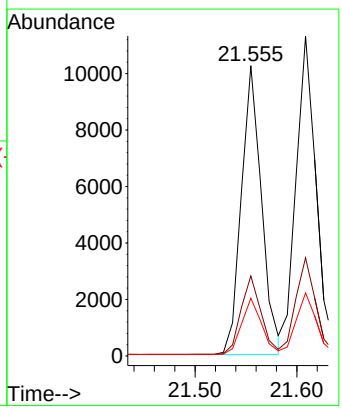


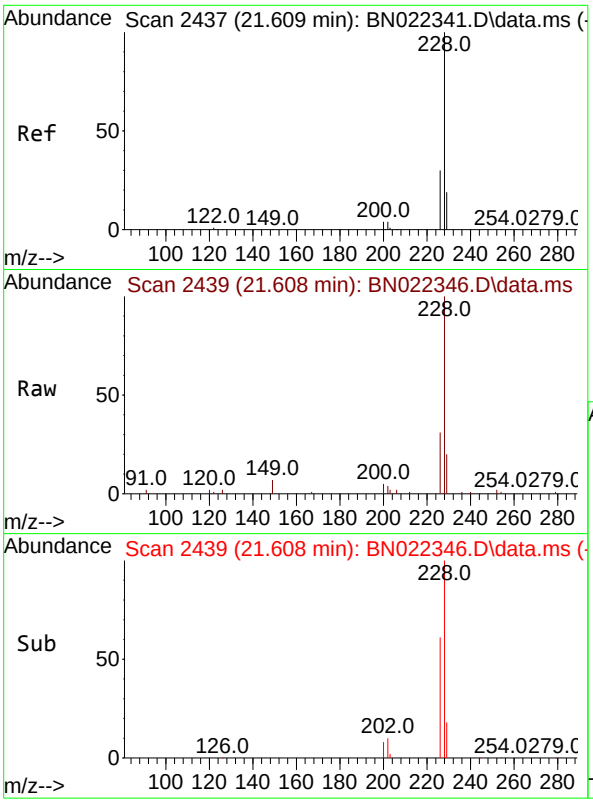


#32
Benzo(a)anthracene
Concen: 0.375 ng
RT: 21.555 min Scan# 2433
Delta R.T. -0.000 min
Lab File: BN022346.D
Acq: 26 Oct 2022 22:08

Tgt Ion:228 Resp: 14092

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	34.0
229	19.9	15.5	23.3



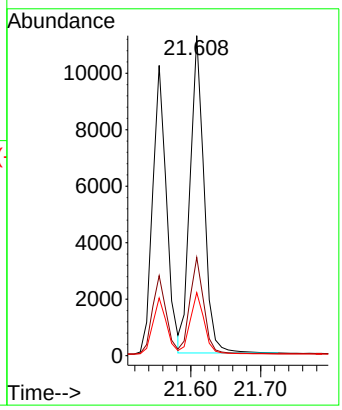


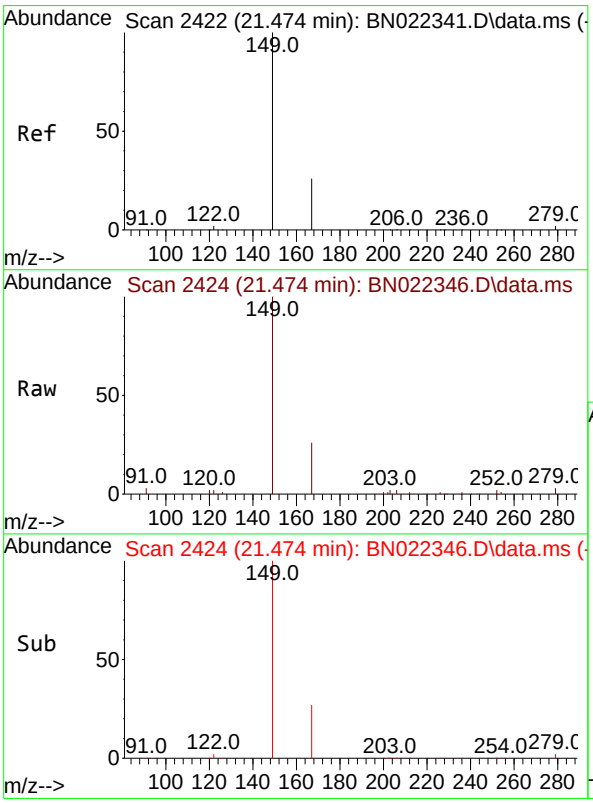
#33
Chrysene
Concen: 0.393 ng
RT: 21.608 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN022346.D
Acq: 26 Oct 2022 22:08

Instrument :
BNA_N
ClientSampleId :
ICVBN102722

Tgt Ion:228 Resp: 15443

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.5	36.7
229	19.7	15.6	23.4

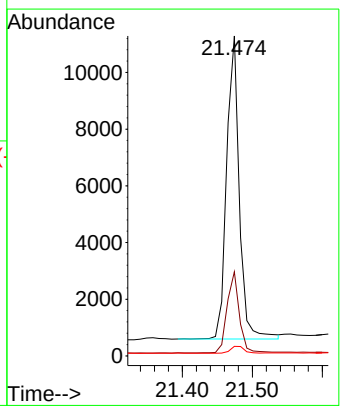


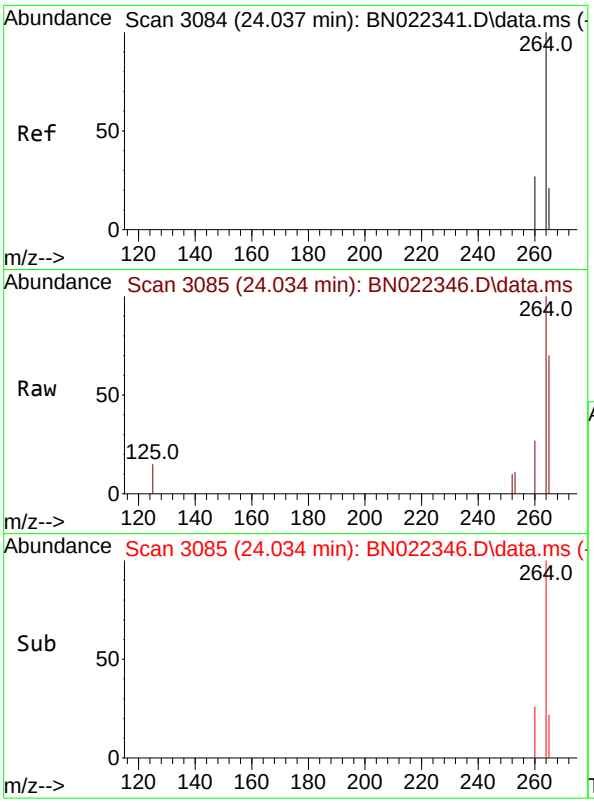


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.518 ng
RT: 21.474 min Scan# 2424
Delta R.T. 0.000 min
Lab File: BN022346.D
Acq: 26 Oct 2022 22:08

Tgt Ion:149 Resp: 13397

Ion	Ratio	Lower	Upper
149	100		
167	26.0	20.2	30.4
279	2.7	2.3	3.5



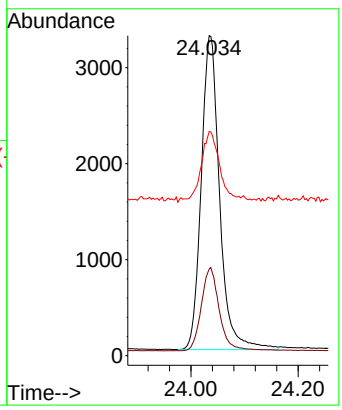


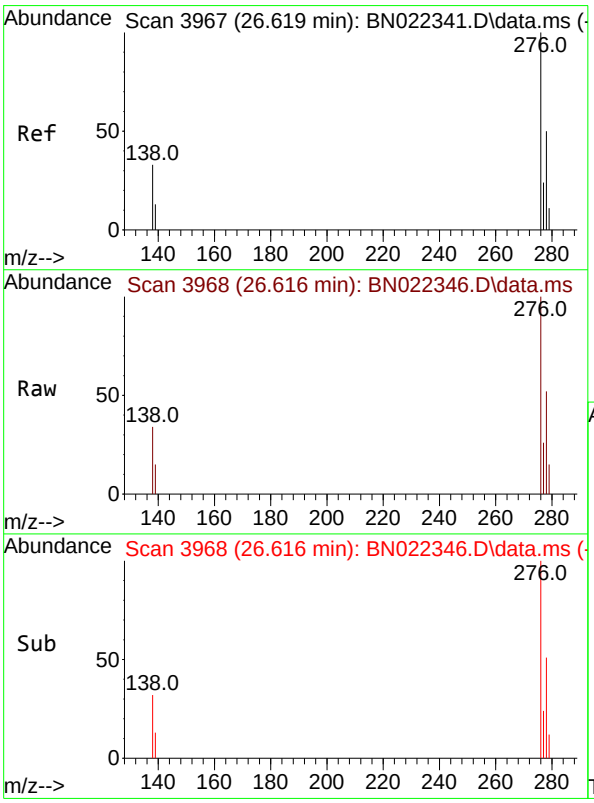
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.034 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN022346.D
Acq: 26 Oct 2022 22:08

Instrument :
BNA_N
ClientSampleId :
ICVBN102722

Tgt Ion:264 Resp: 7775

Ion	Ratio	Lower	Upper
264	100		
260	27.1	22.1	33.1
265	70.0	53.0	79.4

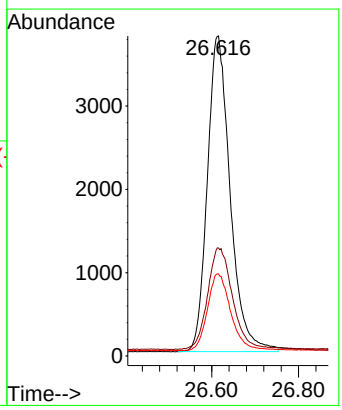


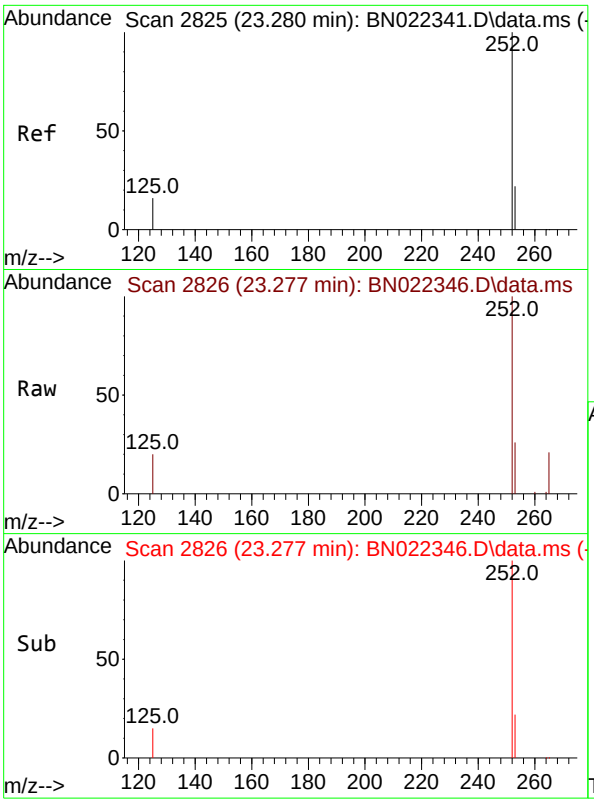


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.360 ng
RT: 26.616 min Scan# 3968
Delta R.T. -0.003 min
Lab File: BN022346.D
Acq: 26 Oct 2022 22:08

Tgt Ion:276 Resp: 13840

Ion	Ratio	Lower	Upper
276	100		
138	34.9	28.2	42.2
277	24.7	19.7	29.5



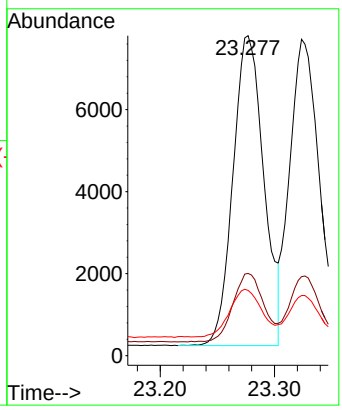


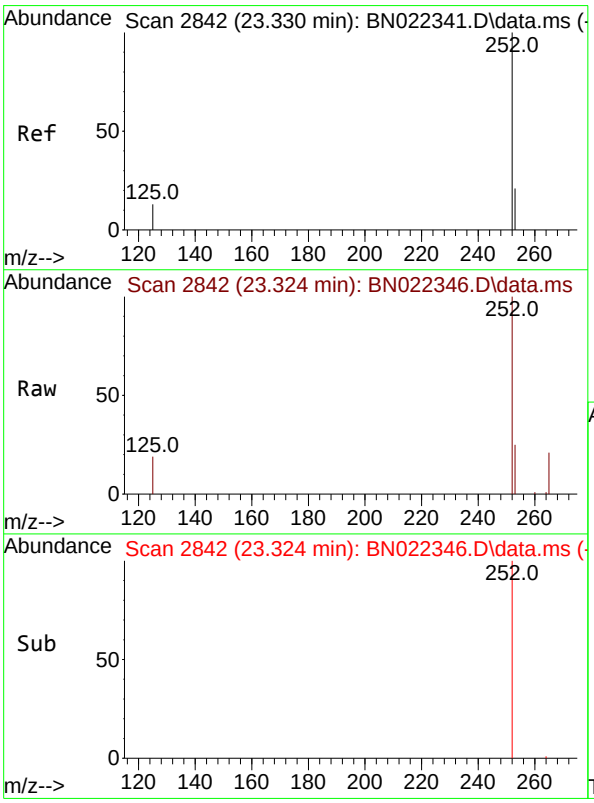
#37
Benzo(b)fluoranthene
Concen: 0.398 ng
RT: 23.277 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN022346.D
Acq: 26 Oct 2022 22:08

Instrument :
BNA_N
ClientSampleId :
ICVBN102722

Tgt Ion:252 Resp: 14160

Ion	Ratio	Lower	Upper
252	100		
253	25.7	20.4	30.6
125	20.4	16.6	25.0

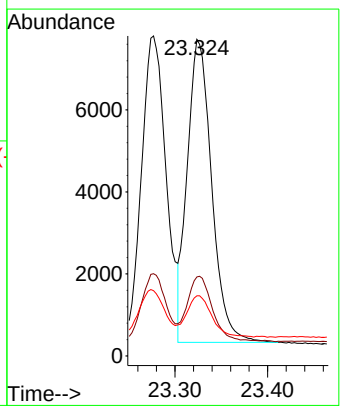


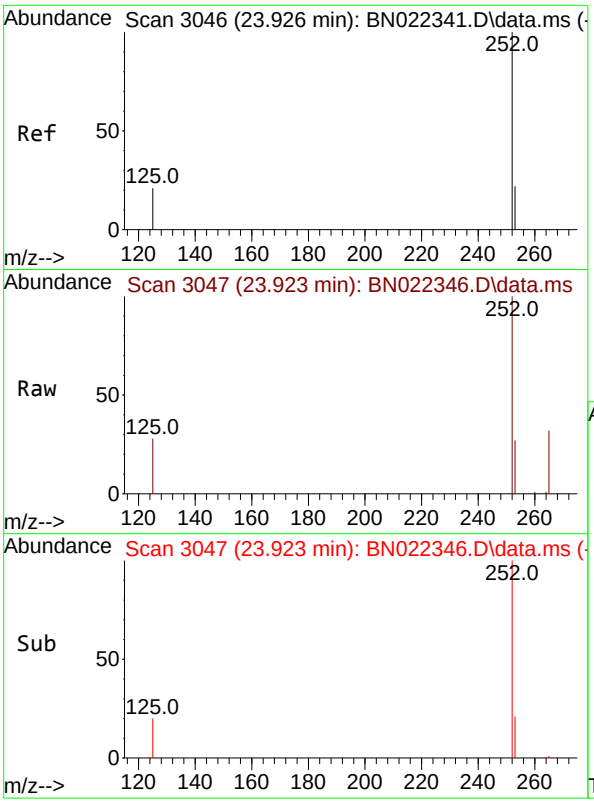


#38
Benzo(k)fluoranthene
Concen: 0.382 ng
RT: 23.324 min Scan# 2842
Delta R.T. -0.006 min
Lab File: BN022346.D
Acq: 26 Oct 2022 22:08

Tgt Ion:252 Resp: 13532

Ion	Ratio	Lower	Upper
252	100		
253	25.0	19.8	29.8
125	19.0	15.0	22.6



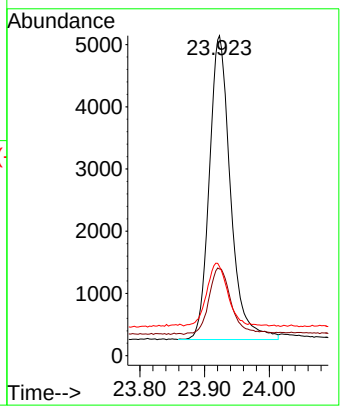


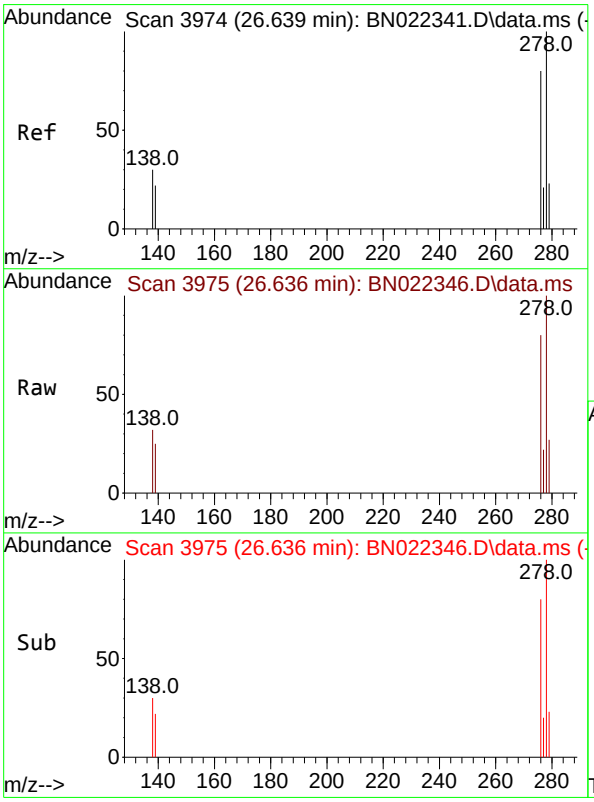
#39
Benzo(a)pyrene
Concen: 0.383 ng
RT: 23.923 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN022346.D
Acq: 26 Oct 2022 22:08

Instrument :
BNA_N
ClientSampleId :
ICVBN102722

Tgt Ion:252 Resp: 11080

Ion	Ratio	Lower	Upper
252	100		
253	27.1	21.9	32.9
125	27.8	22.9	34.3

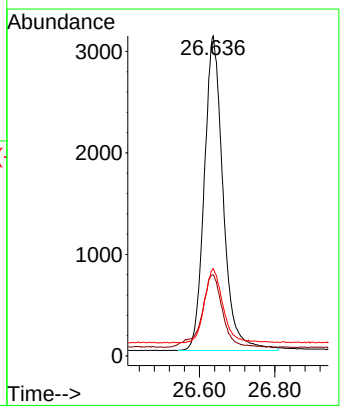


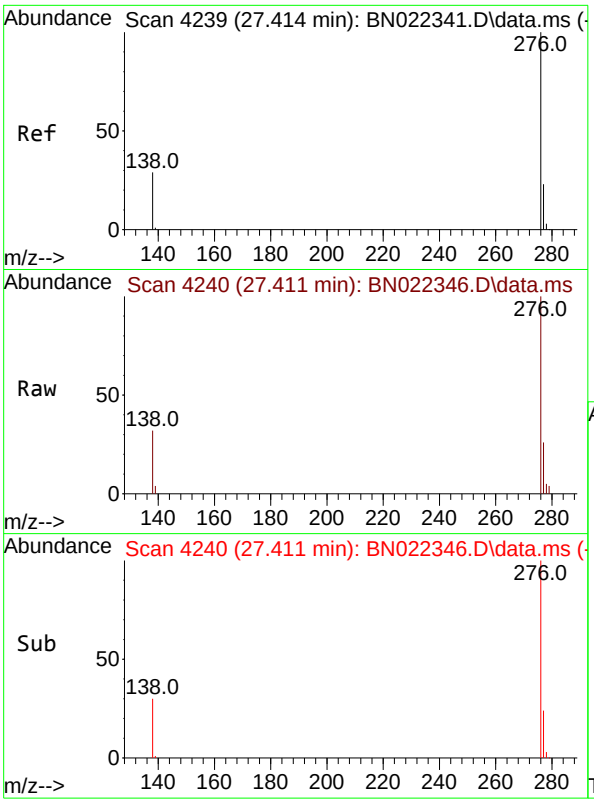


#40
Dibenzo(a,h)anthracene
Concen: 0.359 ng
RT: 26.636 min Scan# 3975
Delta R.T. -0.003 min
Lab File: BN022346.D
Acq: 26 Oct 2022 22:08

Tgt Ion:278 Resp: 10757

Ion	Ratio	Lower	Upper
278	100		
139	25.3	20.2	30.2
279	27.3	21.0	31.4





#41
Benzo(g,h,i)perylene
Concen: 0.358 ng
RT: 27.411 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN022346.D
Acq: 26 Oct 2022 22:08

Instrument :
BNA_N
ClientSampleId :
ICVBN102722

Tgt Ion:276 Resp: 11335

Ion	Ratio	Lower	Upper
276	100		
277	25.5	19.5	29.3
138	31.6	25.0	37.4