Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031222\
Data File : BN018930.D
Acq On : 11 Mar 2022 18:06
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN031222

Quant Time: Mar 11 23:21:14 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 11 23:19:11 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.898	152	5262	0.400	ng		0.00
7) Naphthalene-d8	10.701	136	13679	0.400	ng	#	0.00
13) Acenaphthene-d10	14.527	164	7925	0.400	ng		0.00
19) Phenanthrene-d10	17.267	188	16498	0.400	ng		0.00
29) Chrysene-d12	21.449	240	12040	0.400	ng		0.00
35) Perylene-d12	23.837	264	10359	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.449	112	5089	0.385	ng		0.00
5) Phenol-d6	7.053	99	5787	0.375	ng		0.00
8) Nitrobenzene-d5	9.046	82	4028	0.355	ng		0.00
11) 2-Methylnaphthalene-d10	12.291	152	8589	0.381	ng		0.00
14) 2,4,6-Tribromophenol	16.015	330	1357	0.328	ng		0.00
15) 2-Fluorobiphenyl	13.159	172	13646	0.396	ng		0.00
27) Fluoranthene-d10	19.295	212	17472	0.374	ng		0.00
31) Terphenyl-d14	19.889	244	10295	0.385	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.304	88	2518	0.405	ng		99
3) n-Nitrosodimethylamine	3.629	42	2720	0.379	ng		99
6) bis(2-Chloroethyl)ether	7.313	93	6104	0.399	ng		99
9) Naphthalene	10.754	128	15744	0.398	ng		99
10) Hexachlorobutadiene	11.053	225	3668	0.407	ng	#	100
12) 2-Methylnaphthalene	12.363	142	10953	0.410	ng		98
16) Acenaphthylene	14.249	152	14029	0.369	ng		100
17) Acenaphthene	14.591	154	10045	0.381	ng		98
18) Fluorene	15.575	166	13024	0.386	ng		99
20) 4,6-Dinitro-2-methylph...	15.650	198	970	0.344	ng		95
21) 4-Bromophenyl-phenylether	16.456	248	4344	0.387	ng	#	80
22) Hexachlorobenzene	16.579	284	5391	0.406	ng		100
23) Atrazine	16.723	200	2450	0.326	ng		96
24) Pentachlorophenol	16.928	266	1080	0.274	ng		97
25) Phenanthrene	17.308	178	21949	0.395	ng		100
26) Anthracene	17.400	178	18243	0.378	ng		100
28) Fluoranthene	19.329	202	22489	0.382	ng		99
30) Pyrene	19.687	202	22428	0.387	ng		100
32) Benzo(a)anthracene	21.431	228	17729	0.372	ng		99
33) Chrysene	21.485	228	20283	0.404	ng		100
34) Bis(2-ethylhexyl)phtha...	21.360	149	7067	0.328	ng	#	99
36) Indeno(1,2,3-cd)pyrene	26.311	276	19747	0.411	ng		99
37) Benzo(b)fluoranthene	23.109	252	17961	0.385	ng		98
38) Benzo(k)fluoranthene	23.156	252	17688	0.382	ng		99
39) Benzo(a)pyrene	23.732	252	14785	0.394	ng		97
40) Dibenzo(a,h)anthracene	26.328	278	15177	0.411	ng		99
41) Benzo(g,h,i)perylene	27.071	276	16536	0.398	ng		99

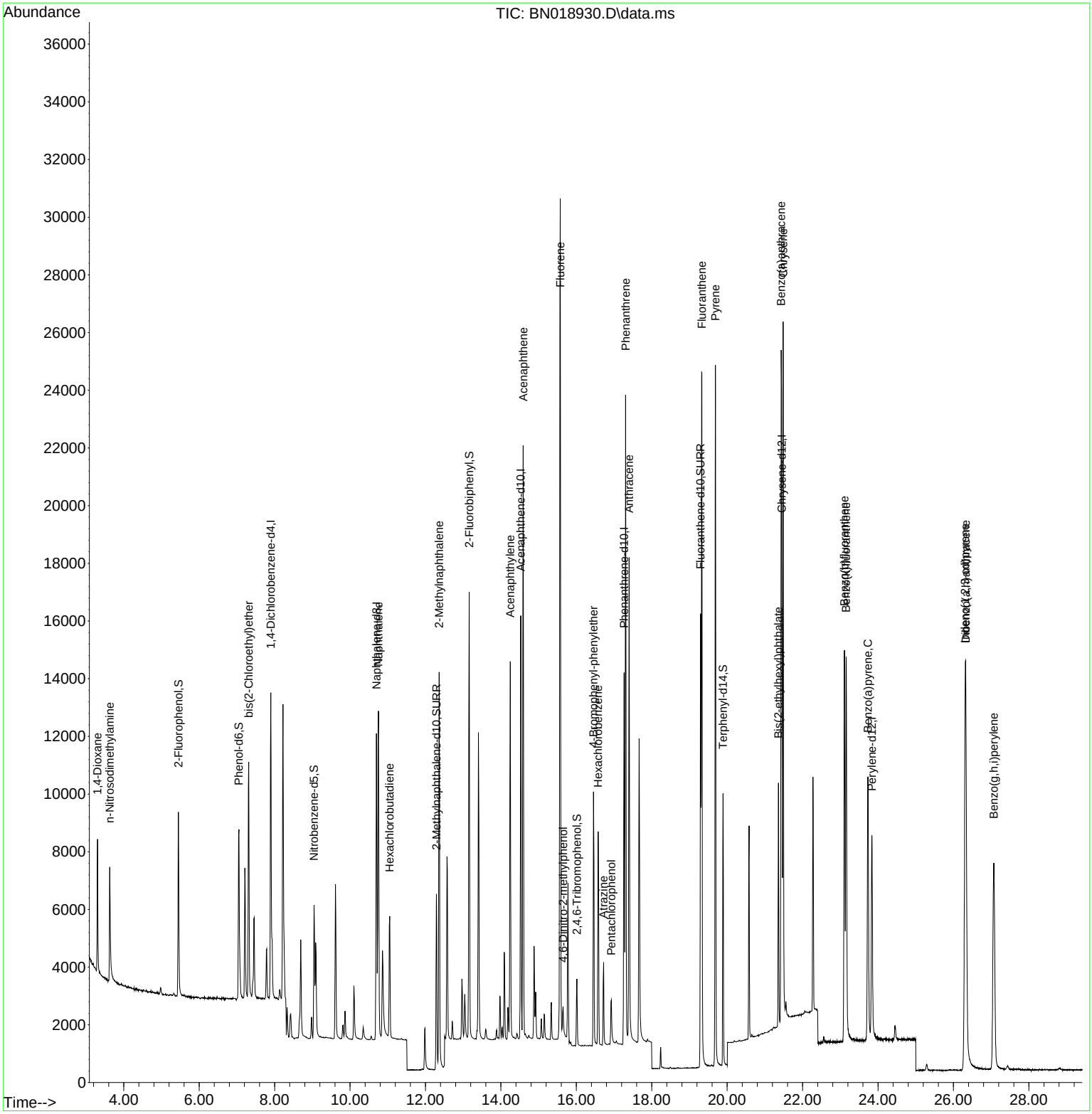
(#) = qualifier out of range (m) = manual integration (+) = signals summed

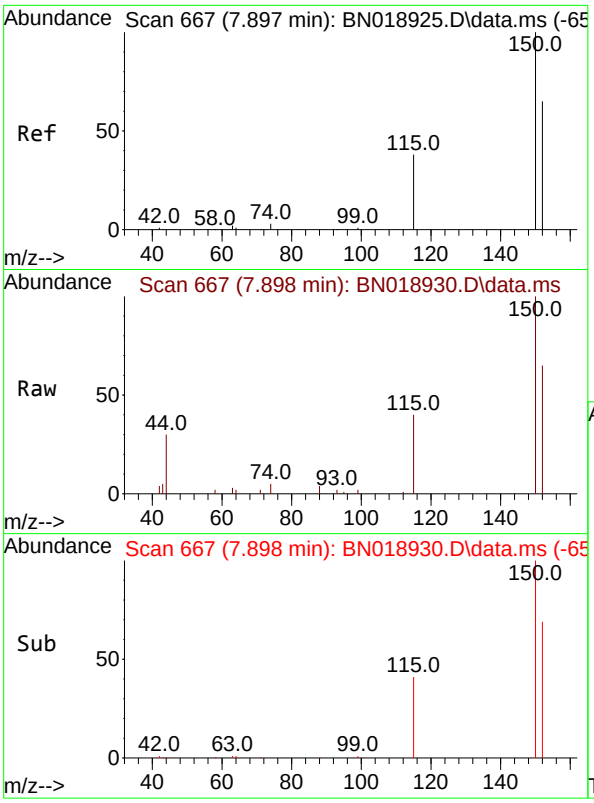
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031222\
Data File : BN018930.D
Acq On : 11 Mar 2022 18:06
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN031222

Quant Time: Mar 11 23:21:14 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 11 23:19:11 2022
Response via : Initial Calibration



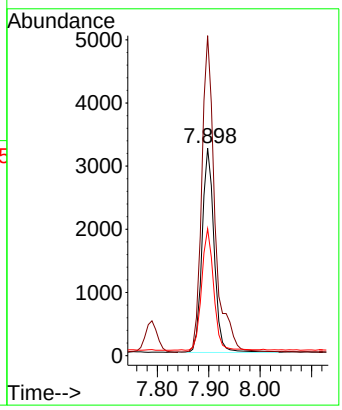


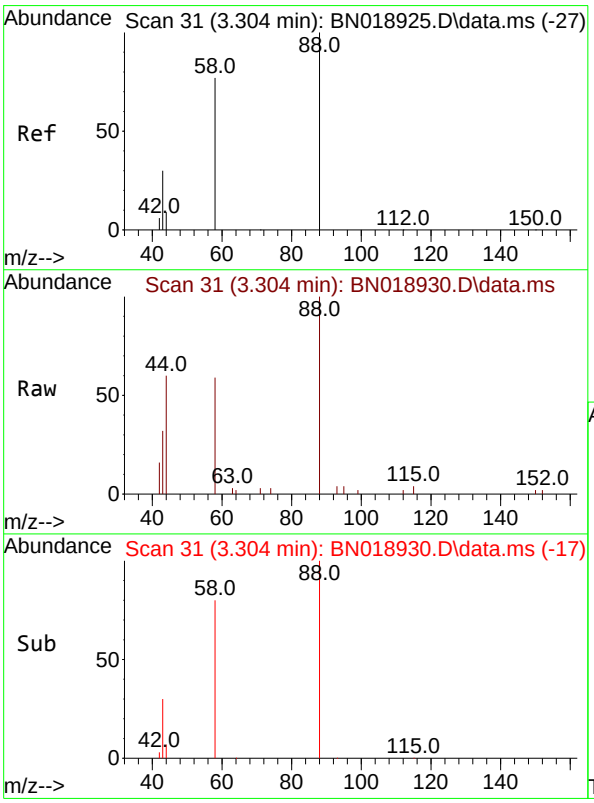
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.898 min Scan# 6
Delta R.T. 0.001 min
Lab File: BN018930.D
Acq: 11 Mar 2022 18:06

Instrument :
BNA_N
ClientSampleId :
ICVBN031222

Tgt Ion:152 Resp: 5262

Ion	Ratio	Lower	Upper
152	100		
150	154.2	123.9	185.9
115	61.1	48.2	72.4

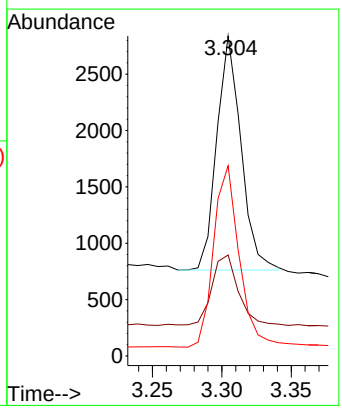


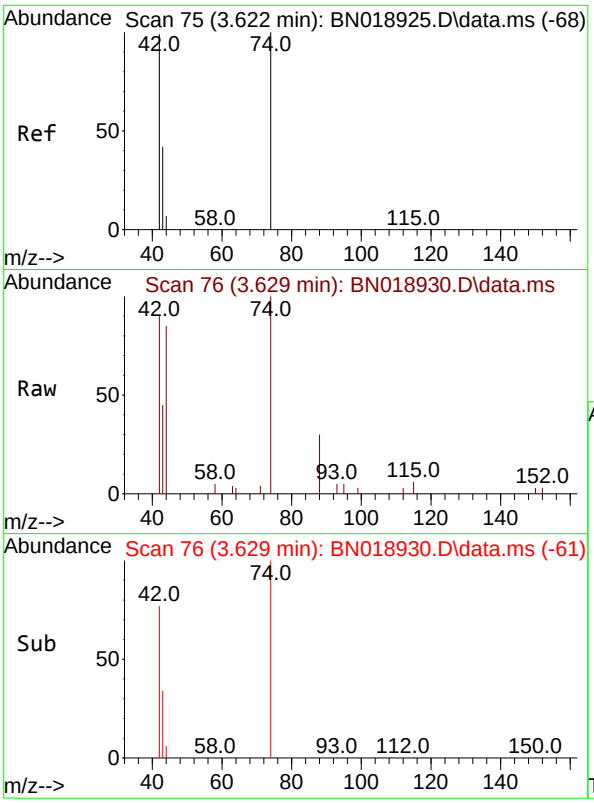


#2
1,4-Dioxane
Concen: 0.405 ng
RT: 3.304 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN018930.D
Acq: 11 Mar 2022 18:06

Tgt Ion: 88 Resp: 2518

Ion	Ratio	Lower	Upper
88	100		
43	32.9	24.6	37.0
58	81.8	65.4	98.2



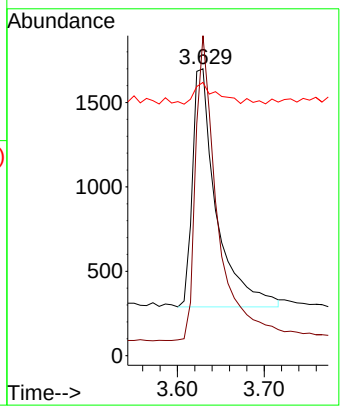


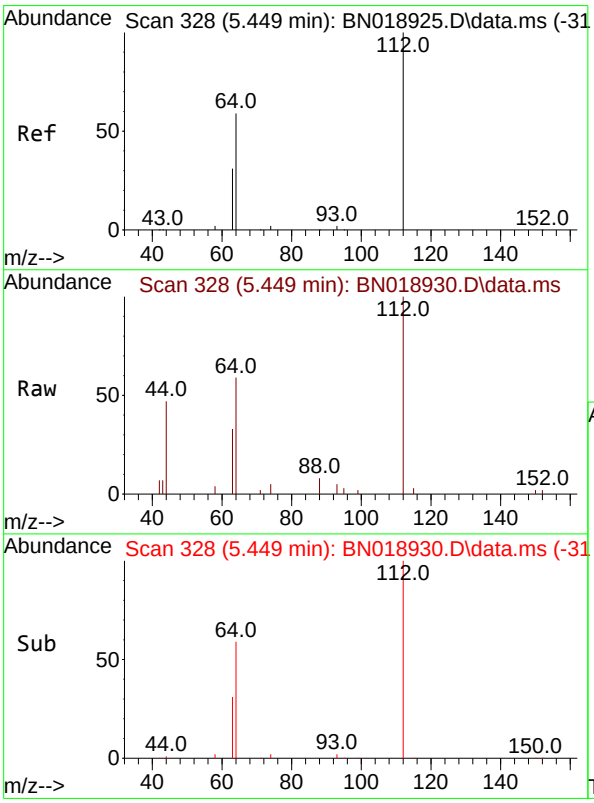
#3
n-Nitrosodimethylamine
Concen: 0.379 ng
RT: 3.629 min Scan# 7
Delta R.T. 0.008 min
Lab File: BN018930.D
Acq: 11 Mar 2022 18:06

Instrument :
BNA_N
ClientSampleId :
ICVBN031222

Tgt Ion: 42 Resp: 2720

Ion	Ratio	Lower	Upper
42	100		
74	119.8	96.9	145.3
44	8.4	7.3	10.9

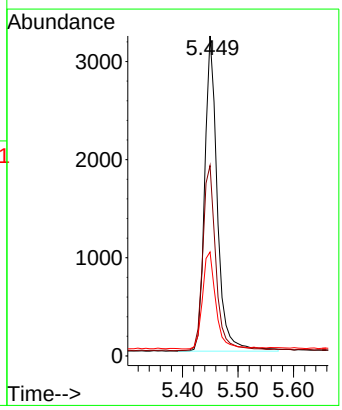


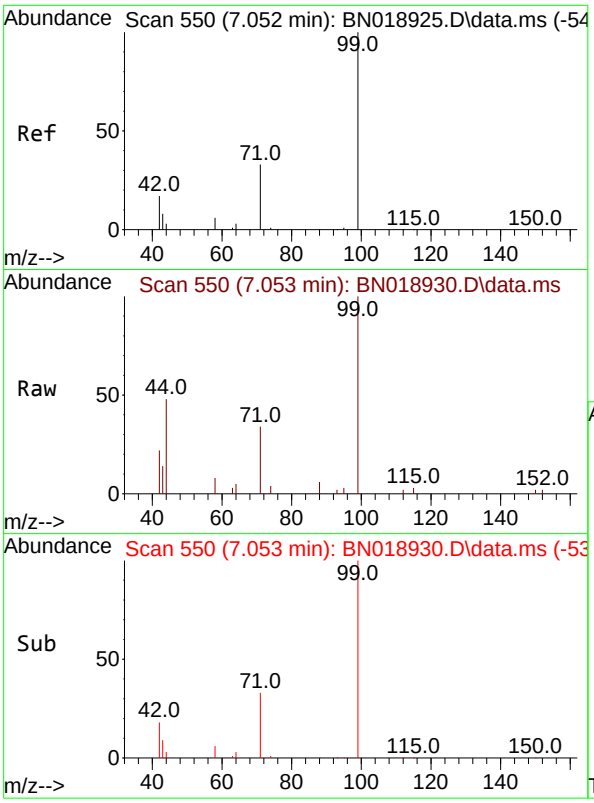


#4
2-Fluorophenol
Concen: 0.385 ng
RT: 5.449 min Scan# 328
Delta R.T. 0.000 min
Lab File: BN018930.D
Acq: 11 Mar 2022 18:06

Tgt Ion:112 Resp: 5089

Ion	Ratio	Lower	Upper
112	100		
64	61.1	47.8	71.8
63	32.3	25.7	38.5



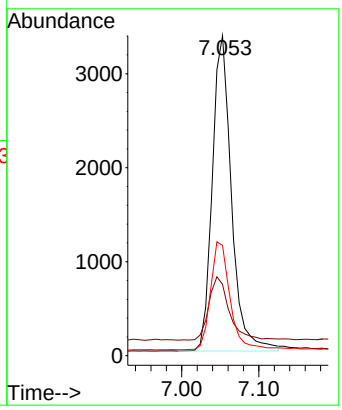


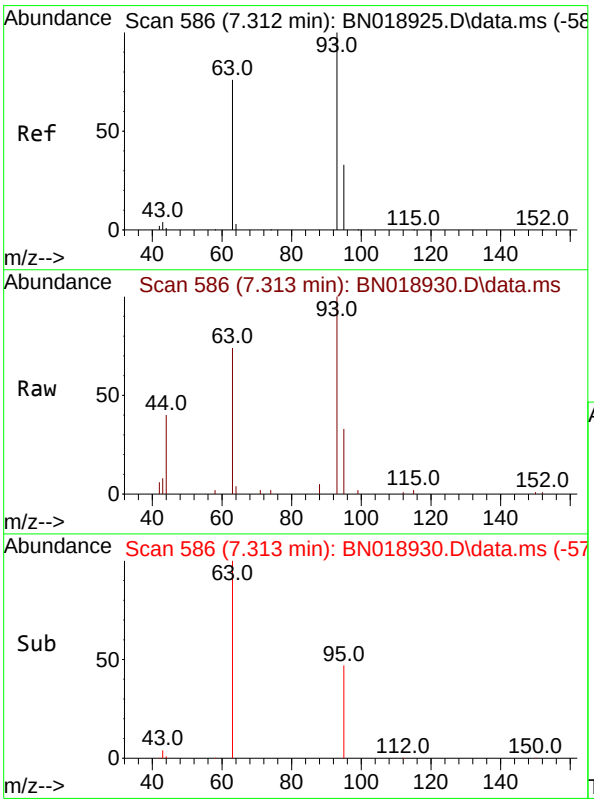
#5
Phenol-d6
Concen: 0.375 ng
RT: 7.053 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN018930.D
Acq: 11 Mar 2022 18:06

Instrument :
BNA_N
ClientSampleId :
ICVBN031222

Tgt Ion: 99 Resp: 5787

Ion	Ratio	Lower	Upper
99	100		
42	21.5	16.2	24.4
71	34.8	27.7	41.5

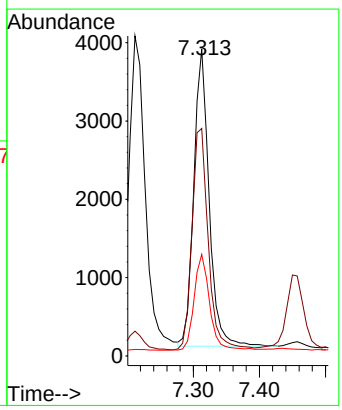


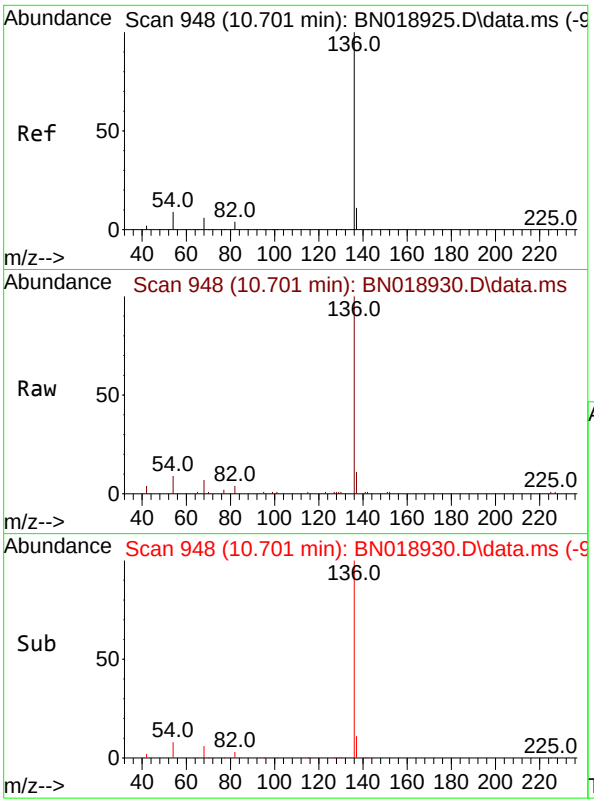


#6
bis(2-Chloroethyl)ether
Concen: 0.399 ng
RT: 7.313 min Scan# 586
Delta R.T. 0.000 min
Lab File: BN018930.D
Acq: 11 Mar 2022 18:06

Tgt Ion: 93 Resp: 6104

Ion	Ratio	Lower	Upper
93	100		
63	79.6	62.8	94.2
95	32.8	26.2	39.4



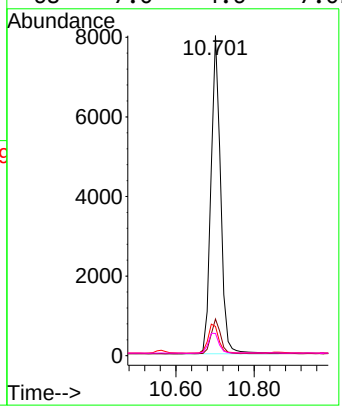


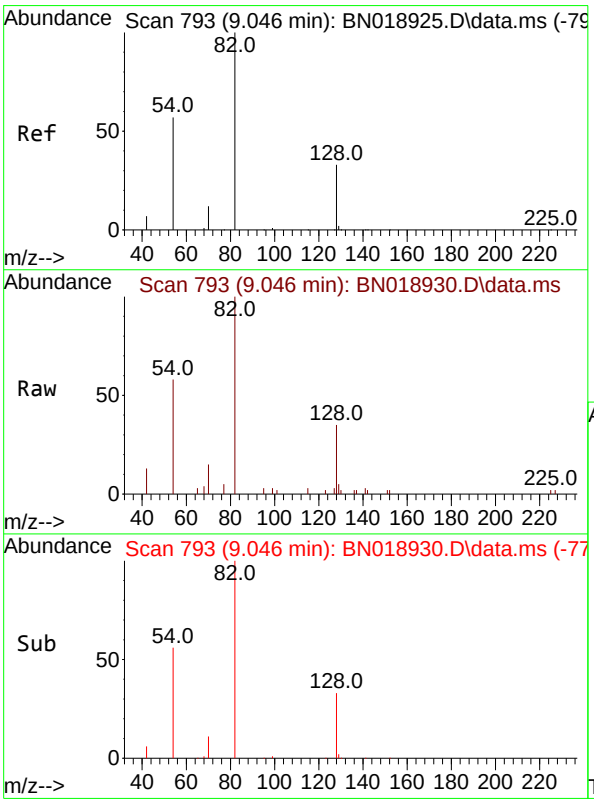
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.701 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN018930.D
Acq: 11 Mar 2022 18:06

Instrument :
BNA_N
ClientSampleId :
ICVBN031222

Tgt Ion:136 Resp: 13679

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.4
54	9.2	5.8	8.6#
68	7.0	4.6	7.0#

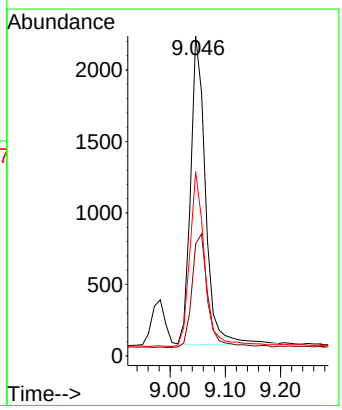


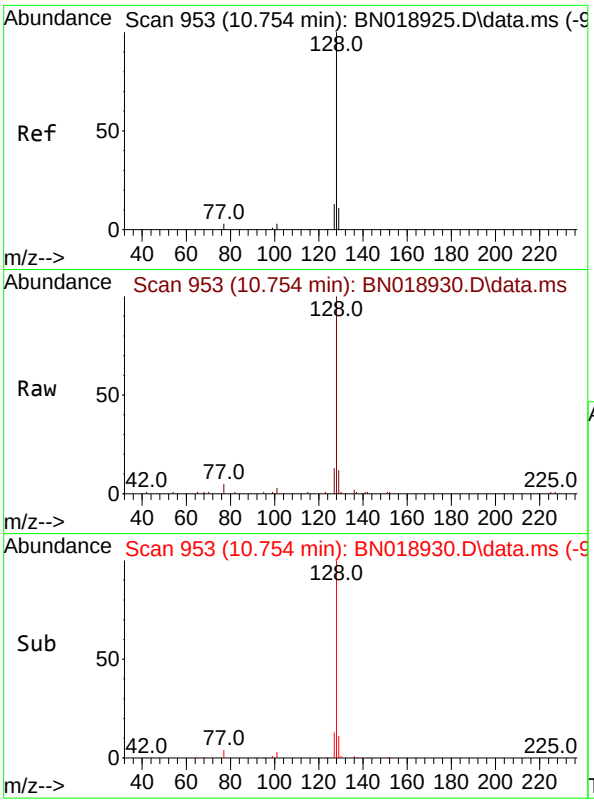


#8
Nitrobenzene-d5
Concen: 0.355 ng
RT: 9.046 min Scan# 793
Delta R.T. 0.000 min
Lab File: BN018930.D
Acq: 11 Mar 2022 18:06

Tgt Ion: 82 Resp: 4028

Ion	Ratio	Lower	Upper
82	100		
128	35.0	33.0	49.6
54	57.6	42.5	63.7



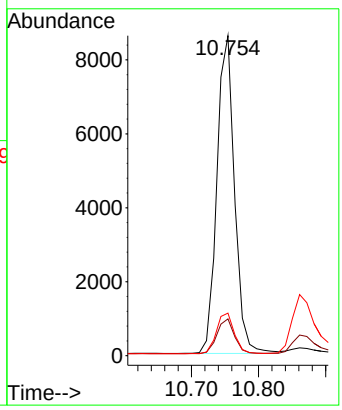


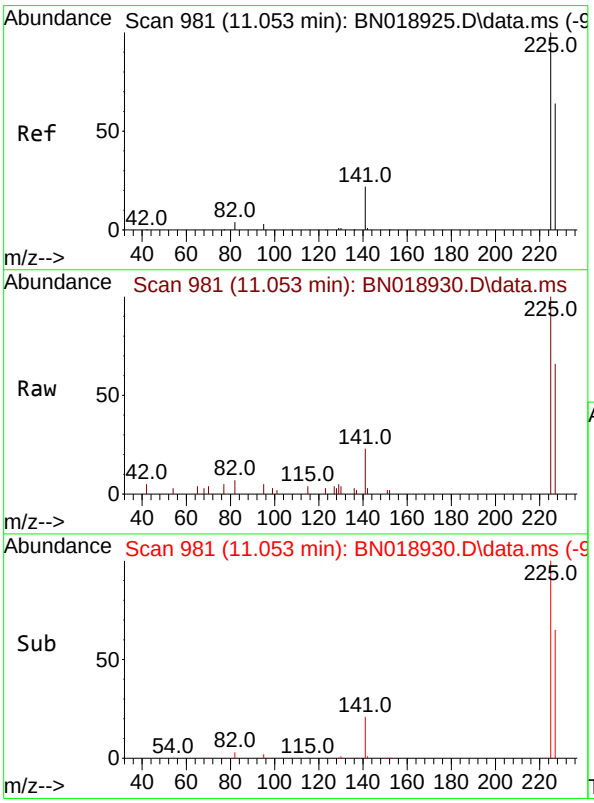
#9
Naphthalene
Concen: 0.398 ng
RT: 10.754 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN018930.D
Acq: 11 Mar 2022 18:06

Instrument :
BNA_N
ClientSampleId :
ICVBN031222

Tgt Ion:128 Resp: 15744

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.4
127	13.3	10.7	16.1

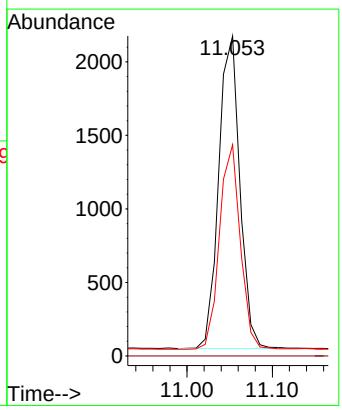


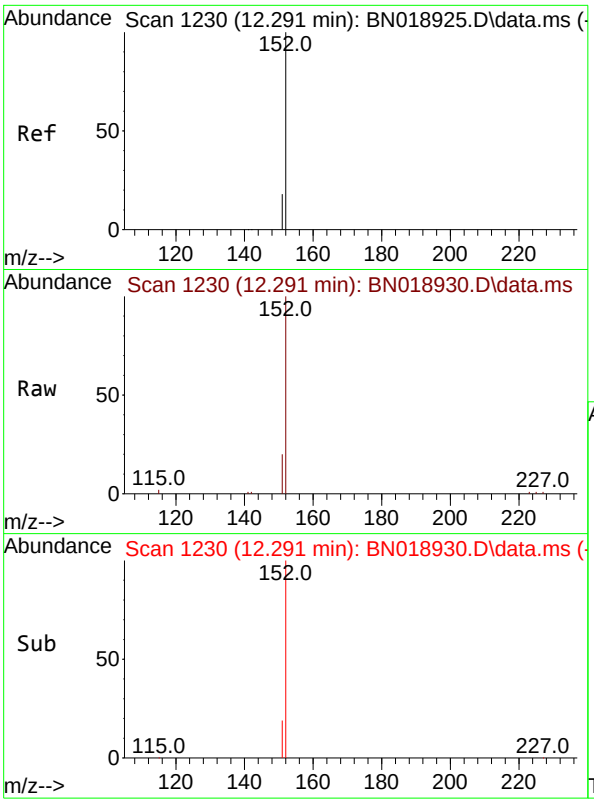


#10
Hexachlorobutadiene
Concen: 0.407 ng
RT: 11.053 min Scan# 981
Delta R.T. 0.000 min
Lab File: BN018930.D
Acq: 11 Mar 2022 18:06

Tgt Ion:225 Resp: 3668

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.0	51.0	76.6



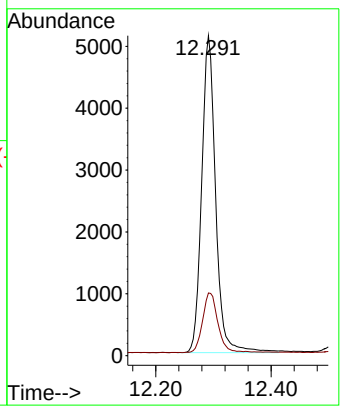


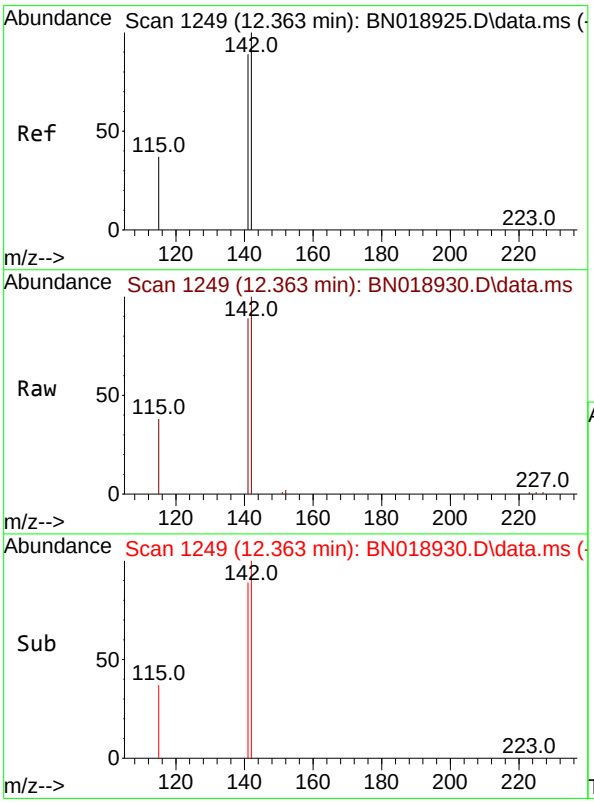
#11
2-Methylnaphthalene-d10
Concen: 0.381 ng
RT: 12.291 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018930.D
Acq: 11 Mar 2022 18:06

Instrument :
BNA_N
ClientSampleId :
ICVBN031222

Tgt Ion:152 Resp: 8589

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.5	24.7

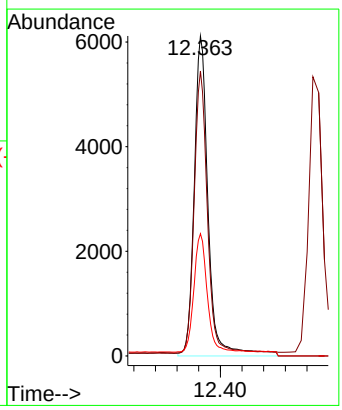


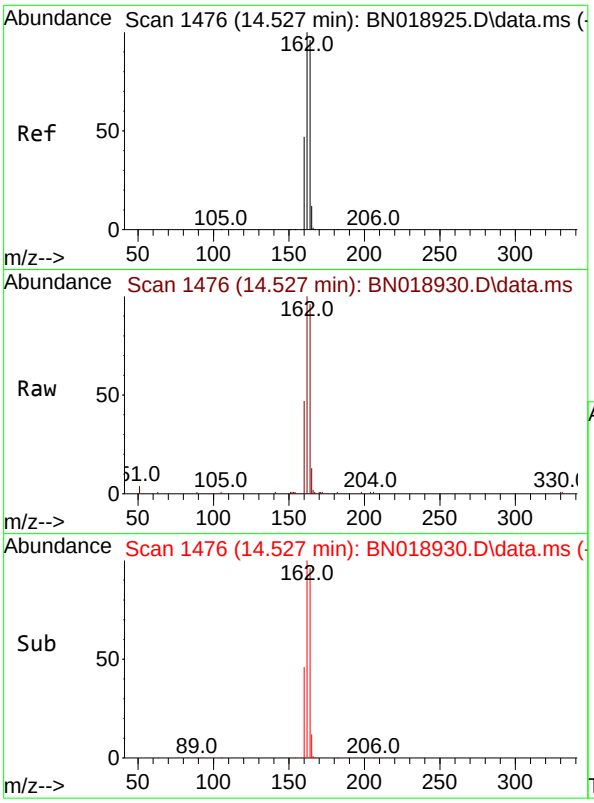


#12
2-Methylnaphthalene
Concen: 0.410 ng
RT: 12.363 min Scan# 1249
Delta R.T. 0.000 min
Lab File: BN018930.D
Acq: 11 Mar 2022 18:06

Tgt Ion:142 Resp: 10953

Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.0	105.0
115	38.2	29.8	44.8



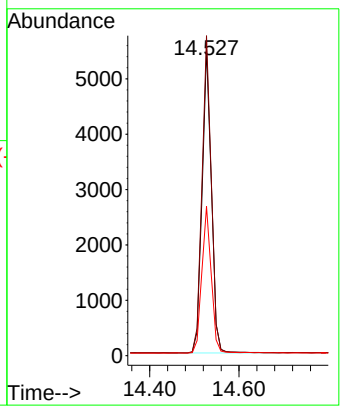


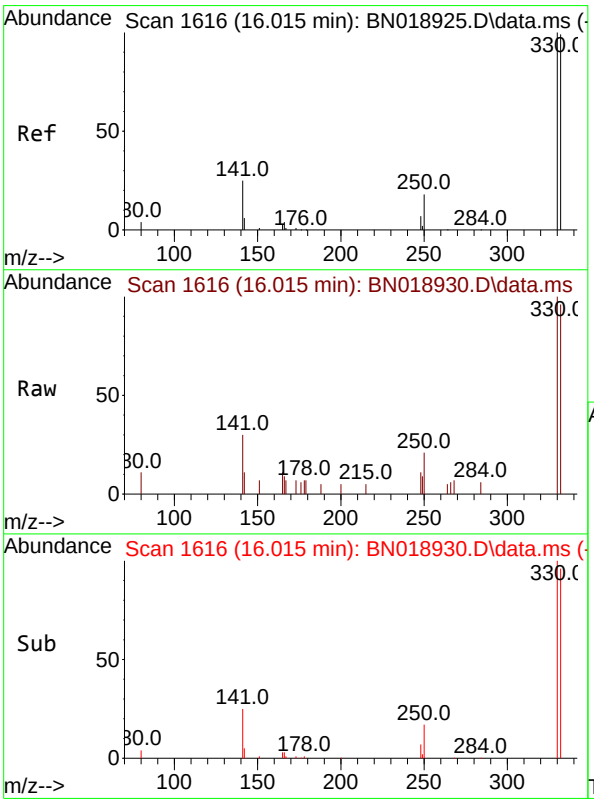
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.527 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN018930.D
Acq: 11 Mar 2022 18:06

Instrument :
BNA_N
ClientSampleId :
ICVBN031222

Tgt Ion:164 Resp: 7925

Ion	Ratio	Lower	Upper
164	100		
162	104.4	85.2	127.8
160	48.7	41.5	62.3

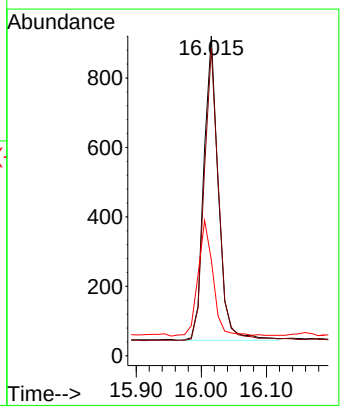


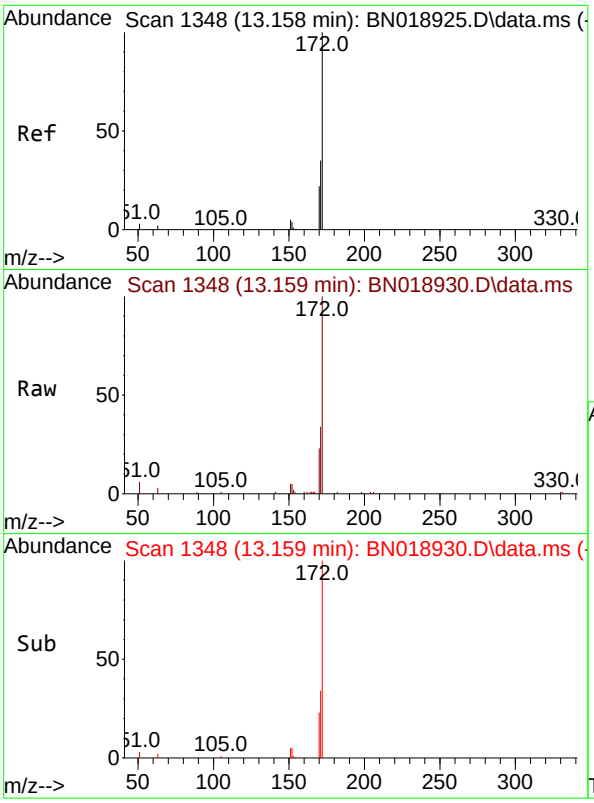


#14
2,4,6-Tribromophenol
Concen: 0.328 ng
RT: 16.015 min Scan# 1616
Delta R.T. 0.000 min
Lab File: BN018930.D
Acq: 11 Mar 2022 18:06

Tgt Ion:330 Resp: 1357

Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.8	115.2
141	39.4	32.2	48.2



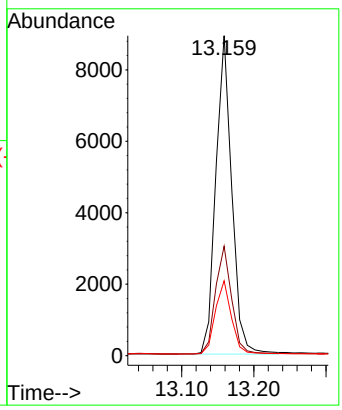


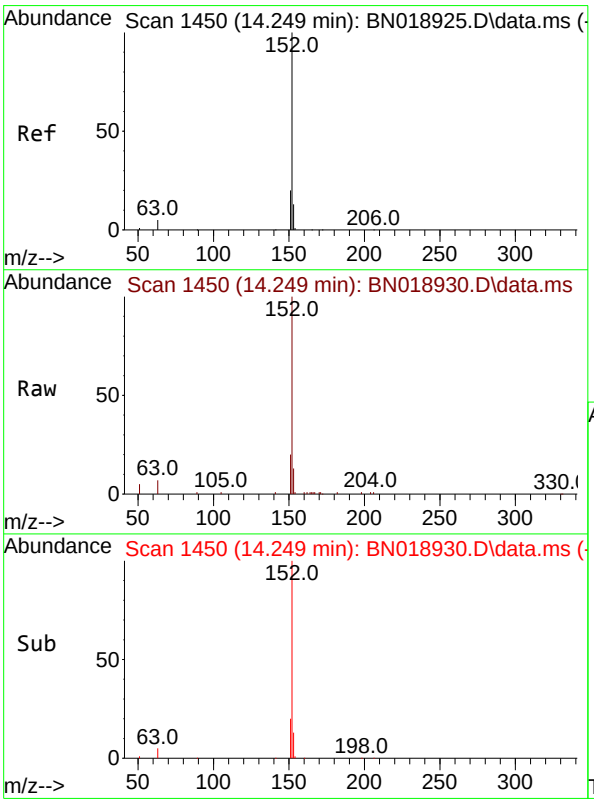
#15
2-Fluorobiphenyl
Concen: 0.396 ng
RT: 13.159 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018930.D
Acq: 11 Mar 2022 18:06

Instrument :
BNA_N
ClientSampleId :
ICVBN031222

Tgt Ion:172 Resp: 13646

Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.2	42.2
170	23.4	18.7	28.1

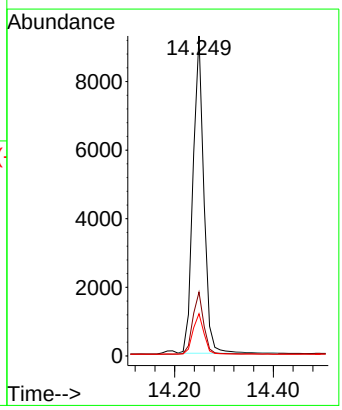


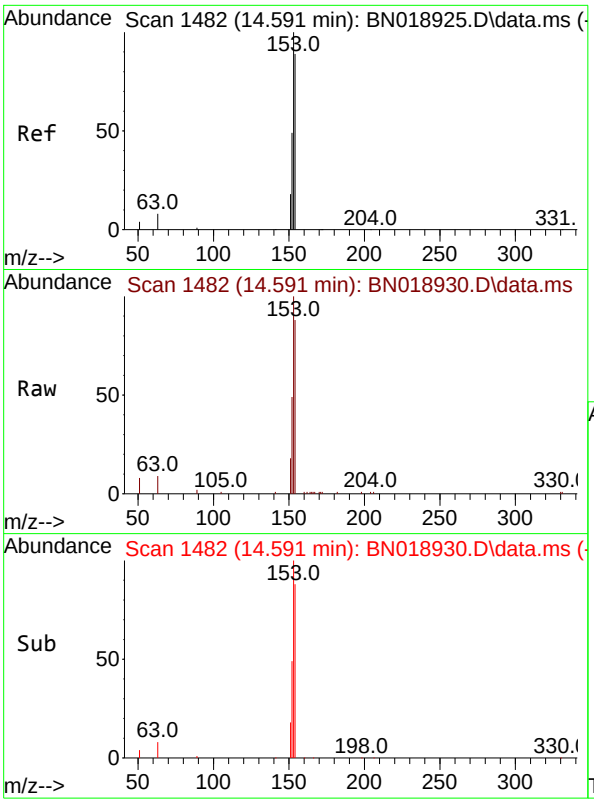


#16
Acenaphthylene
Concen: 0.369 ng
RT: 14.249 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BN018930.D
Acq: 11 Mar 2022 18:06

Tgt Ion:152 Resp: 14029

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.9	23.9
153	13.0	10.6	15.8



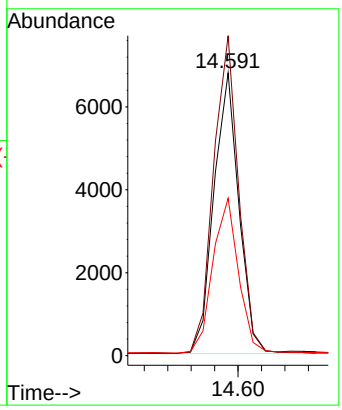


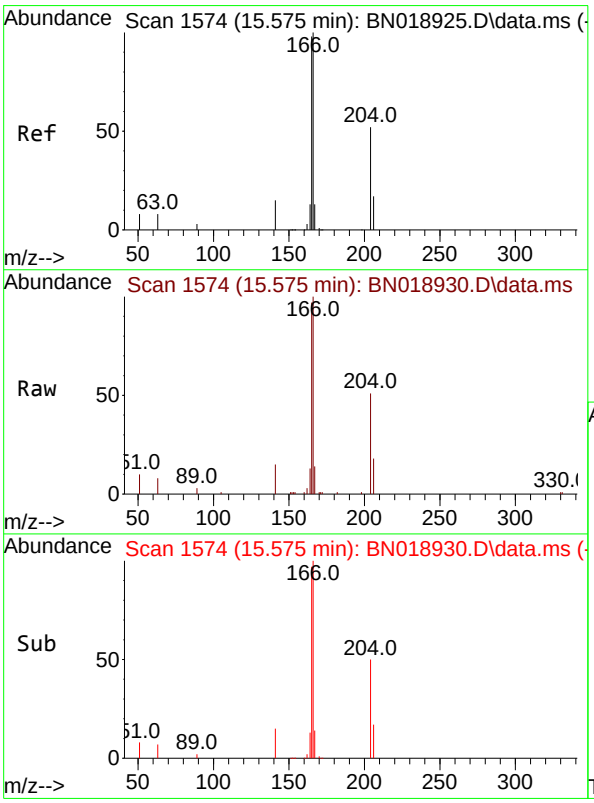
#17
Acenaphthene
Concen: 0.381 ng
RT: 14.591 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN018930.D
Acq: 11 Mar 2022 18:06

Instrument :
BNA_N
ClientSampleId :
ICVBN031222

Tgt Ion:154 Resp: 10045

Ion	Ratio	Lower	Upper
154	100		
153	114.0	89.7	134.5
152	57.0	44.7	67.1

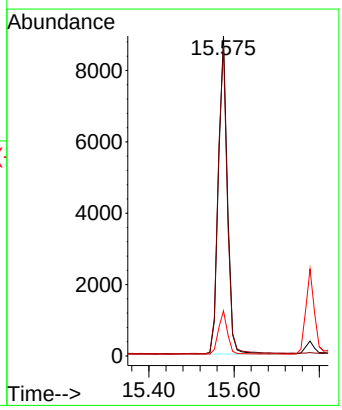


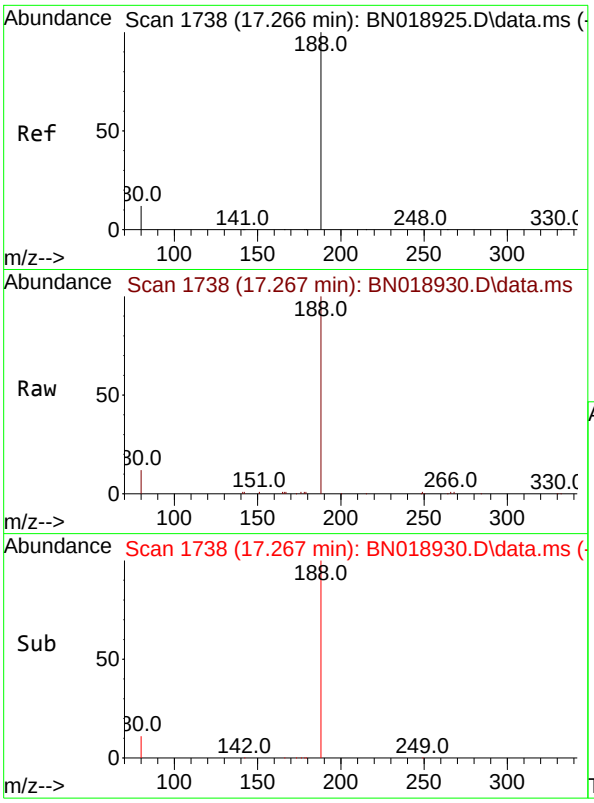


#18
Fluorene
Concen: 0.386 ng
RT: 15.575 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BN018930.D
Acq: 11 Mar 2022 18:06

Tgt Ion:166 Resp: 13024

Ion	Ratio	Lower	Upper
166	100		
165	98.3	79.2	118.8
167	13.7	10.7	16.1



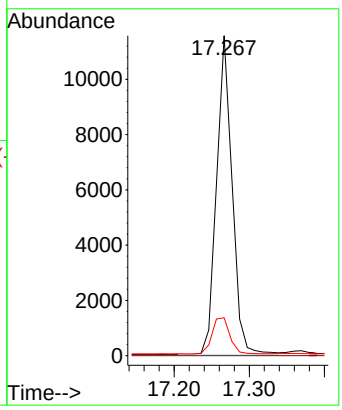


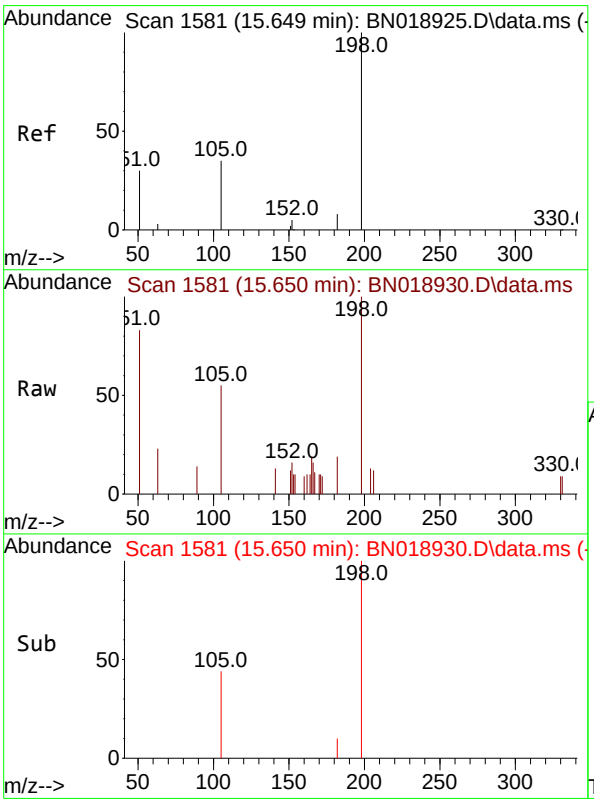
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.267 min Scan# 1
Delta R.T. 0.001 min
Lab File: BN018930.D
Acq: 11 Mar 2022 18:06

Instrument :
BNA_N
ClientSampleId :
ICVBN031222

Tgt Ion:188 Resp: 16498

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.8	11.8	17.8

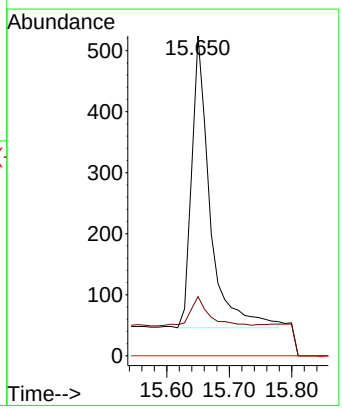


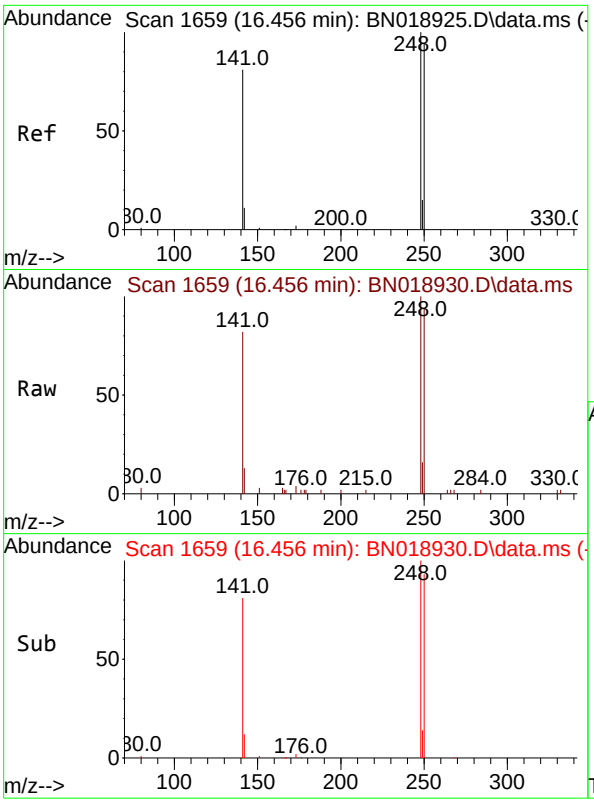


#20
4,6-Dinitro-2-methylphenol
Concen: 0.344 ng
RT: 15.650 min Scan# 1581
Delta R.T. 0.001 min
Lab File: BN018930.D
Acq: 11 Mar 2022 18:06

Tgt Ion:198 Resp: 970

Ion	Ratio	Lower	Upper
198	100		
182	18.5	13.0	19.4
77	0.0	0.0	0.0



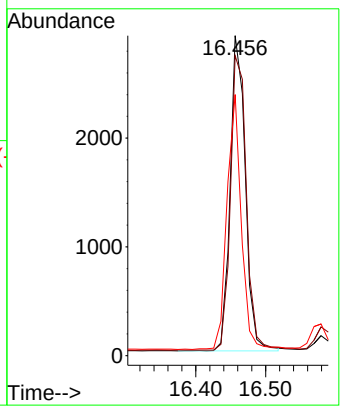


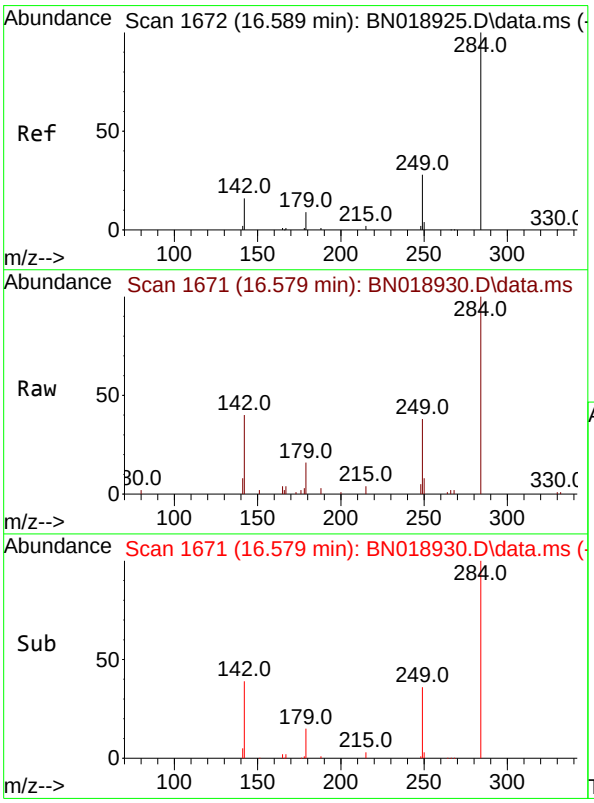
#21
4-Bromophenyl-phenylether
Concen: 0.387 ng
RT: 16.456 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018930.D
Acq: 11 Mar 2022 18:06

Instrument :
BNA_N
ClientSampleId :
ICVBN031222

Tgt Ion:248 Resp: 4344

Ion	Ratio	Lower	Upper
248	100		
250	93.7	80.7	121.1
141	81.6	39.6	59.4#

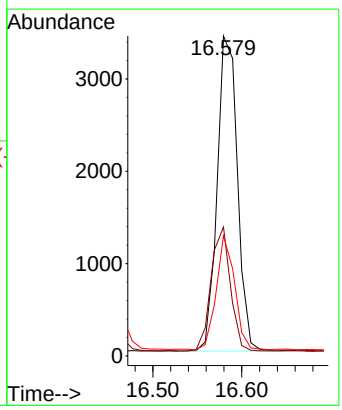


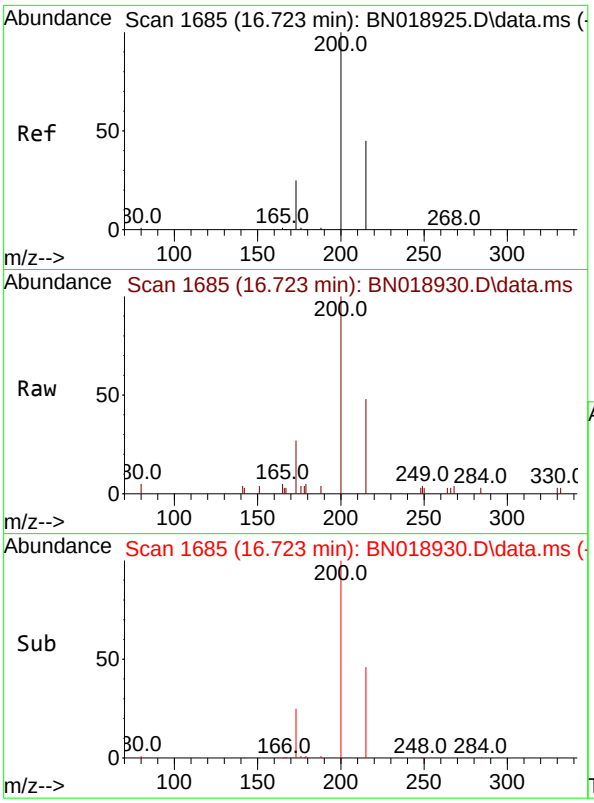


#22
Hexachlorobenzene
Concen: 0.406 ng
RT: 16.579 min Scan# 1671
Delta R.T. -0.010 min
Lab File: BN018930.D
Acq: 11 Mar 2022 18:06

Tgt Ion:284 Resp: 5391

Ion	Ratio	Lower	Upper
284	100		
142	37.5	29.8	44.8
249	32.4	26.2	39.2



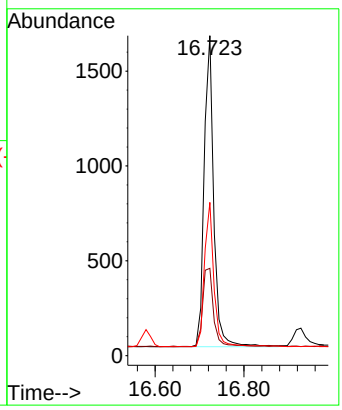


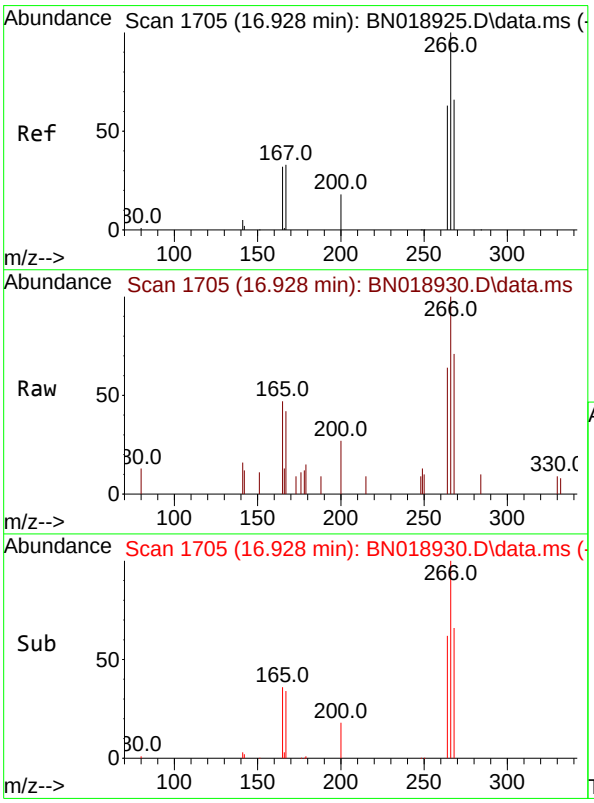
#23
Atrazine
Concen: 0.326 ng
RT: 16.723 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018930.D
Acq: 11 Mar 2022 18:06

Instrument :
BNA_N
ClientSampleId :
ICVBN031222

Tgt Ion:200 Resp: 2450

Ion	Ratio	Lower	Upper
200	100		
173	27.3	23.9	35.9
215	47.9	36.6	54.8

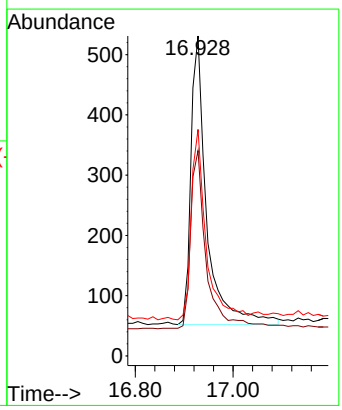


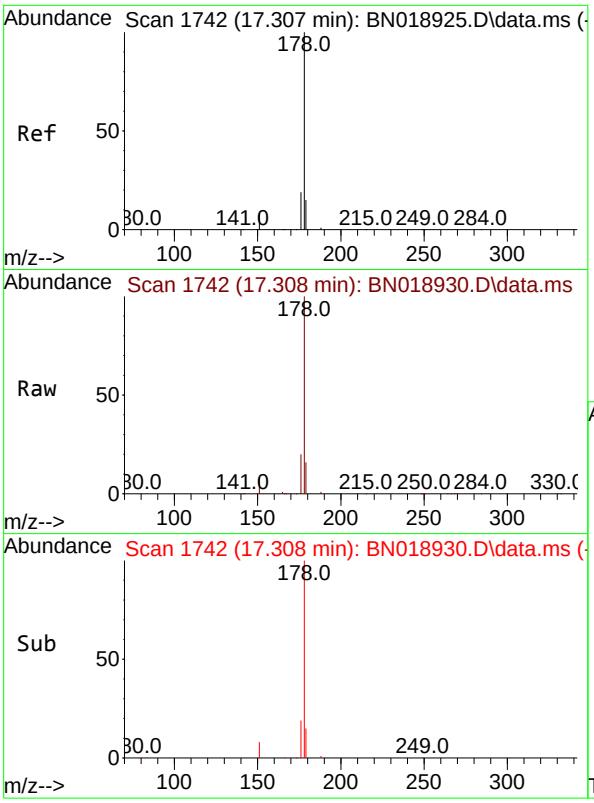


#24
Pentachlorophenol
Concen: 0.274 ng
RT: 16.928 min Scan# 1705
Delta R.T. 0.000 min
Lab File: BN018930.D
Acq: 11 Mar 2022 18:06

Tgt Ion:266 Resp: 1080

Ion	Ratio	Lower	Upper
266	100		
264	61.6	50.2	75.4
268	61.9	51.9	77.9



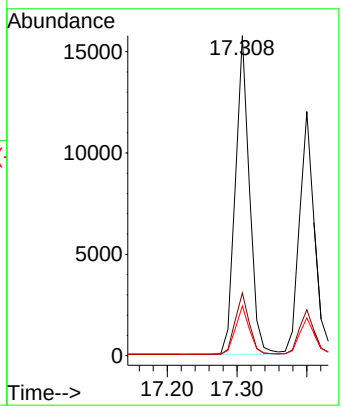


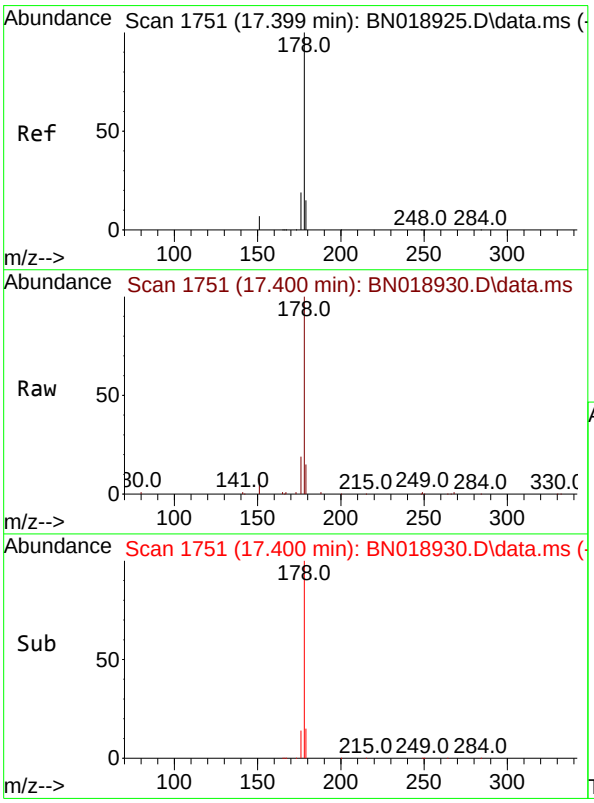
#25
Phenanthrene
Concen: 0.395 ng
RT: 17.308 min Scan# 1
Delta R.T. 0.001 min
Lab File: BN018930.D
Acq: 11 Mar 2022 18:06

Instrument :
BNA_N
ClientSampleId :
ICVBN031222

Tgt Ion:178 Resp: 21949

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.0
179	15.3	12.2	18.2

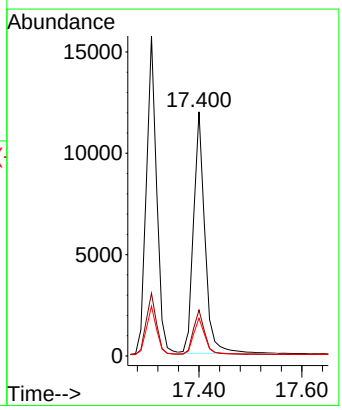


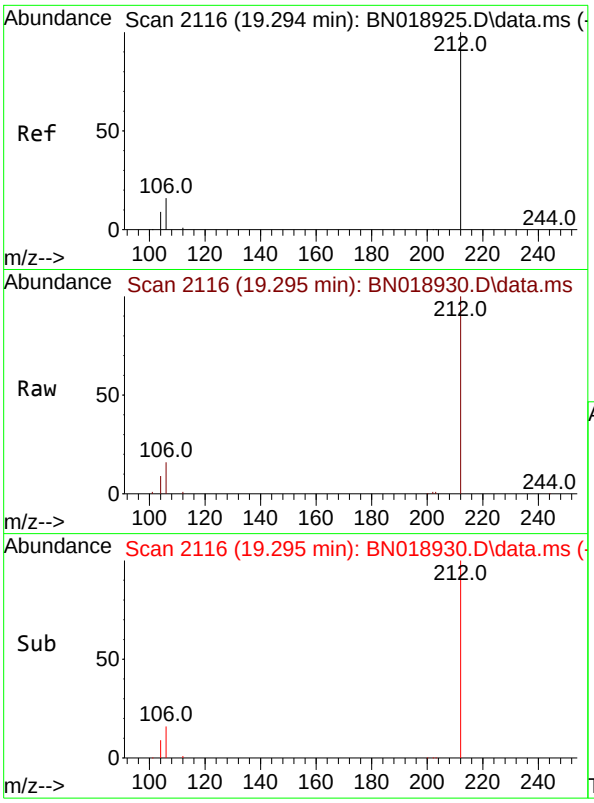


#26
Anthracene
Concen: 0.378 ng
RT: 17.400 min Scan# 1751
Delta R.T. 0.000 min
Lab File: BN018930.D
Acq: 11 Mar 2022 18:06

Tgt Ion:178 Resp: 18243

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.8	22.2
179	15.1	12.2	18.4



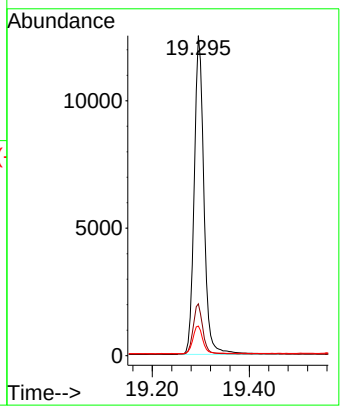


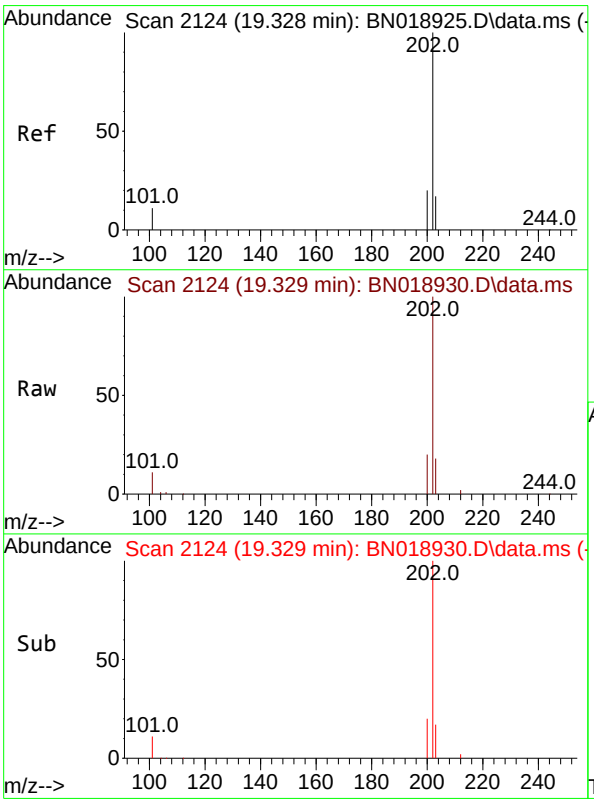
#27
Fluoranthene-d10
Concen: 0.374 ng
RT: 19.295 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN018930.D
Acq: 11 Mar 2022 18:06

Instrument :
BNA_N
ClientSampleId :
ICVBN031222

Tgt Ion:212 Resp: 17472

Ion	Ratio	Lower	Upper
212	100		
106	15.5	12.7	19.1
104	8.8	7.1	10.7

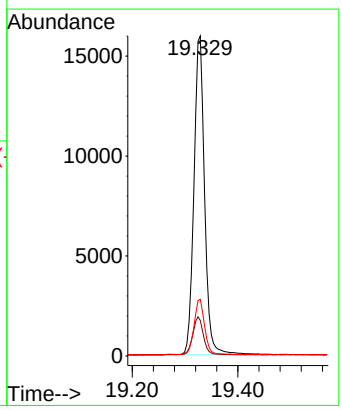


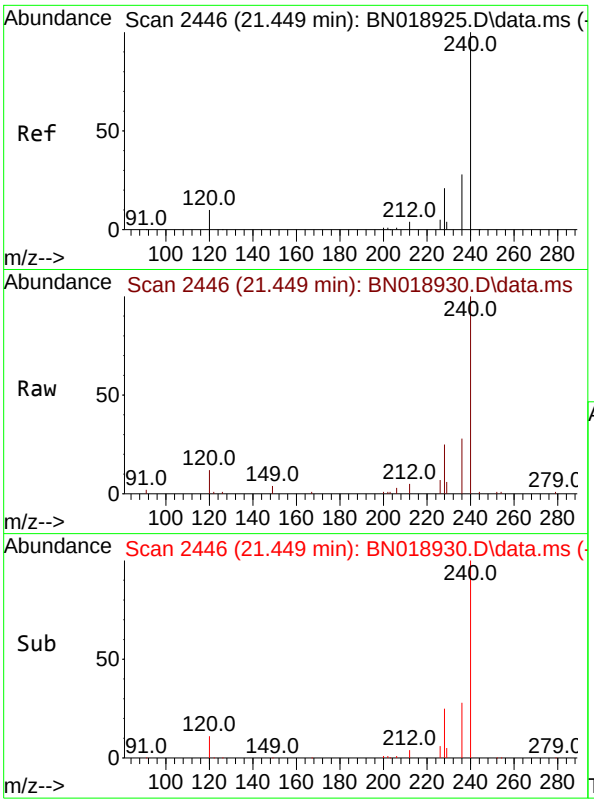


#28
Fluoranthene
Concen: 0.382 ng
RT: 19.329 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BN018930.D
Acq: 11 Mar 2022 18:06

Tgt Ion:202 Resp: 22489

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.8	14.6
203	17.0	13.7	20.5



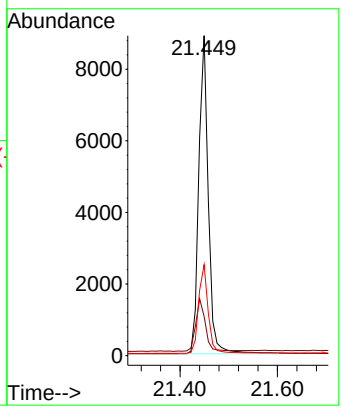


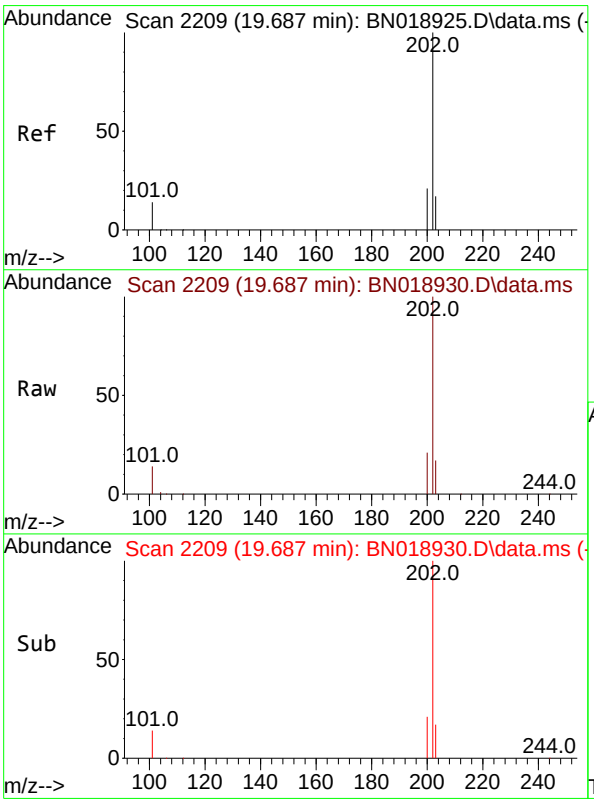
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.449 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN018930.D
Acq: 11 Mar 2022 18:06

Instrument :
BNA_N
ClientSampleId :
ICVBN031222

Tgt Ion:240 Resp: 12040

Ion	Ratio	Lower	Upper
240	100		
120	12.2	8.5	12.7
236	28.5	22.4	33.6

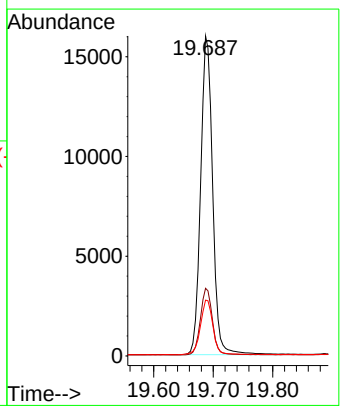


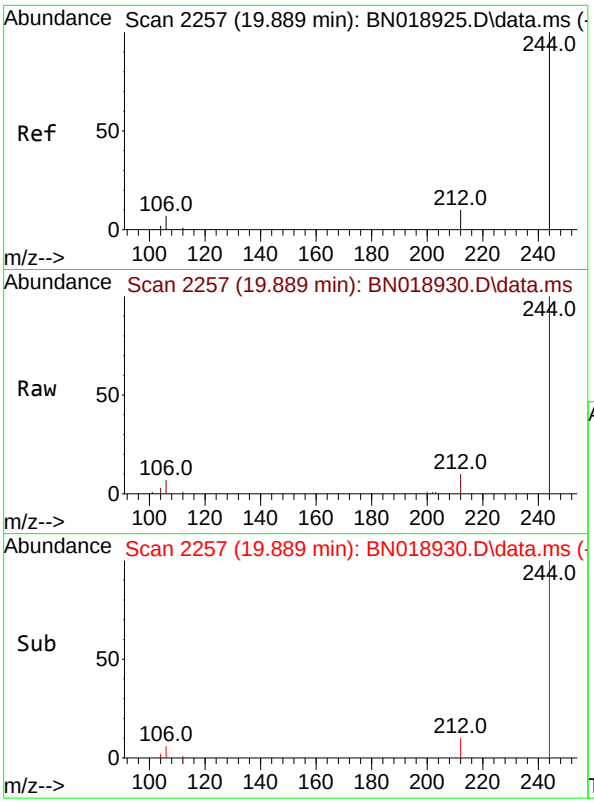


#30
Pyrene
Concen: 0.387 ng
RT: 19.687 min Scan# 2209
Delta R.T. 0.000 min
Lab File: BN018930.D
Acq: 11 Mar 2022 18:06

Tgt Ion:202 Resp: 22428

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.9	25.3
203	17.7	14.2	21.2



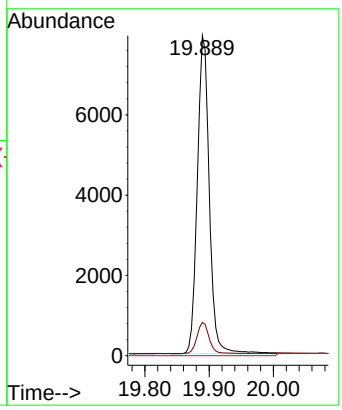


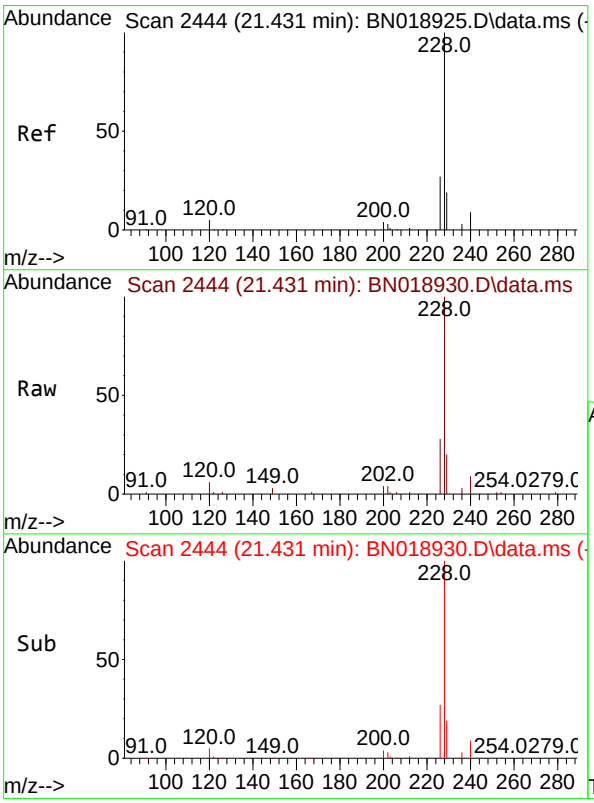
#31
Terphenyl-d14
Concen: 0.385 ng
RT: 19.889 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN018930.D
Acq: 11 Mar 2022 18:06

Instrument :
BNA_N
ClientSampleId :
ICVBN031222

Tgt Ion:244 Resp: 10295

Ion	Ratio	Lower	Upper
244	100		
212	10.4	8.2	12.4
122	0.0	0.0	0.0

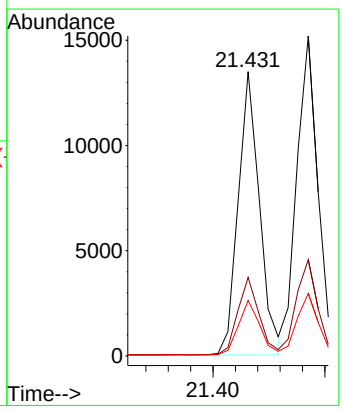


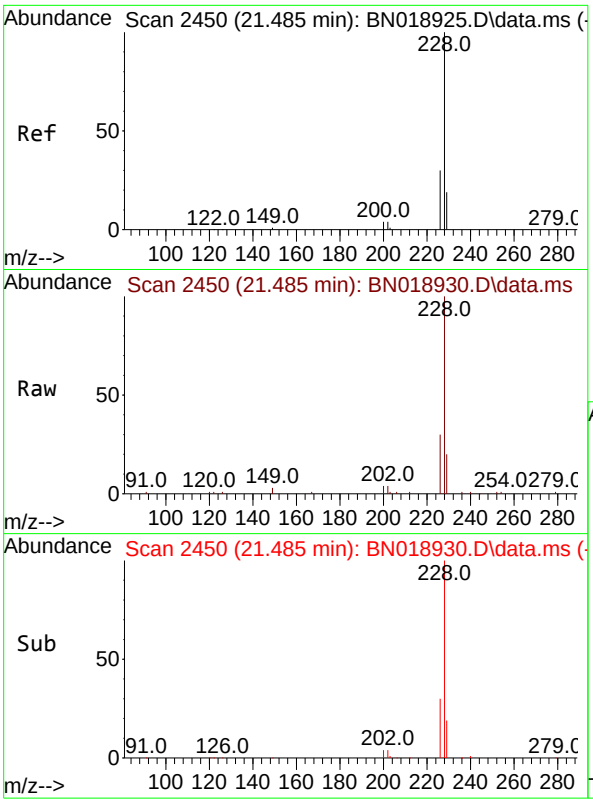


#32
Benzo(a)anthracene
Concen: 0.372 ng
RT: 21.431 min Scan# 2444
Delta R.T. 0.000 min
Lab File: BN018930.D
Acq: 11 Mar 2022 18:06

Tgt Ion:228 Resp: 17729

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.9	32.9
229	19.5	16.0	24.0



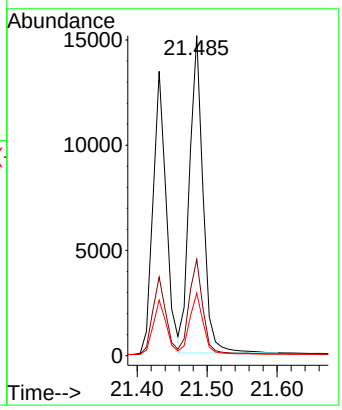


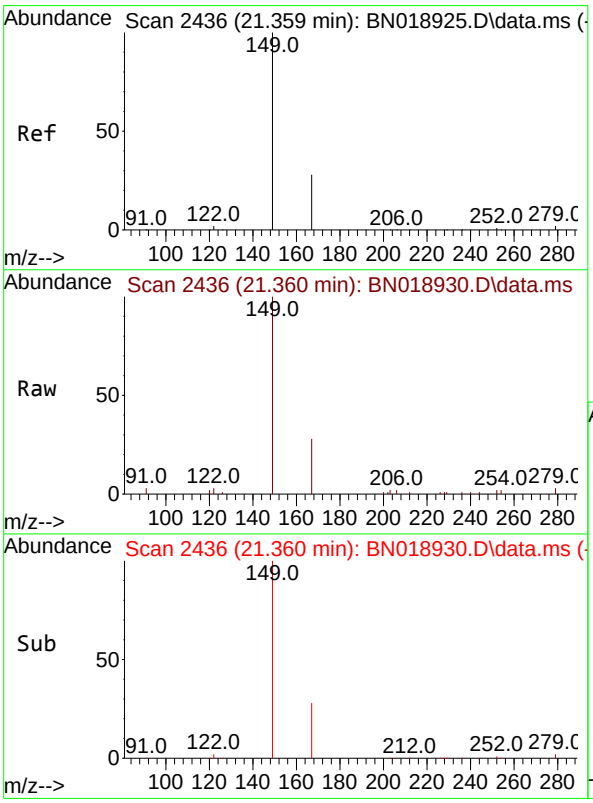
#33
Chrysene
Concen: 0.404 ng
RT: 21.485 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN018930.D
Acq: 11 Mar 2022 18:06

Instrument :
BNA_N
ClientSampleId :
ICVBN031222

Tgt Ion:228 Resp: 20283

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.0	36.0
229	19.6	15.9	23.9

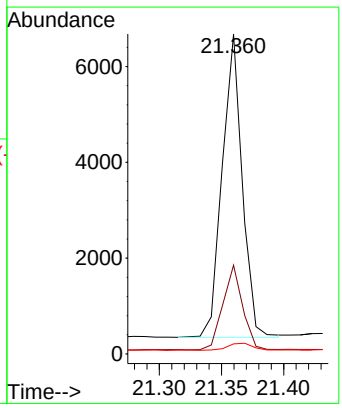


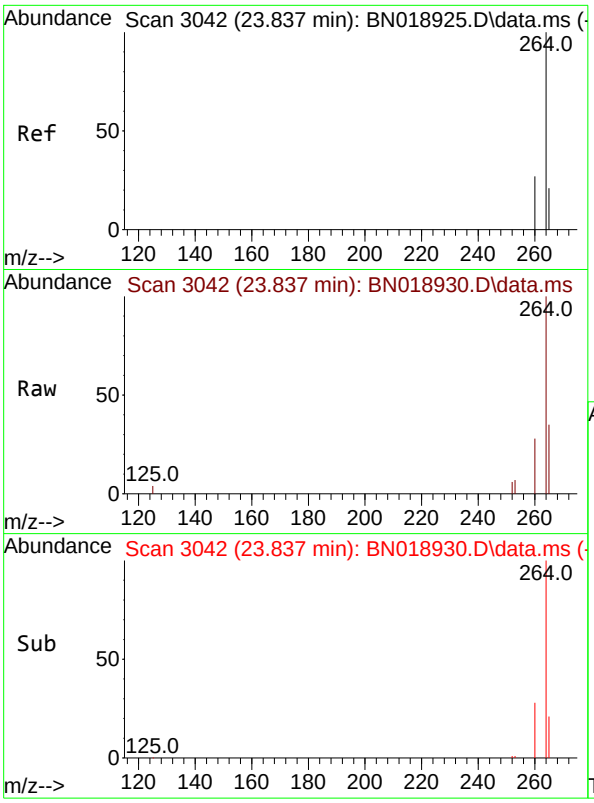


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.328 ng
RT: 21.360 min Scan# 2436
Delta R.T. 0.000 min
Lab File: BN018930.D
Acq: 11 Mar 2022 18:06

Tgt Ion:149 Resp: 7067

Ion	Ratio	Lower	Upper
149	100		
167	27.7	21.8	32.8
279	3.3	2.0	3.0#



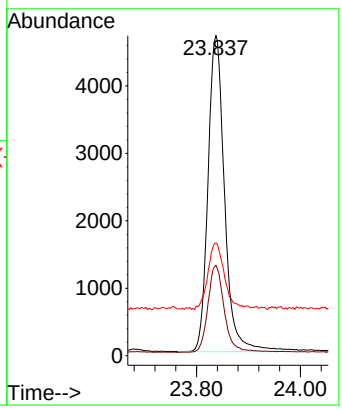


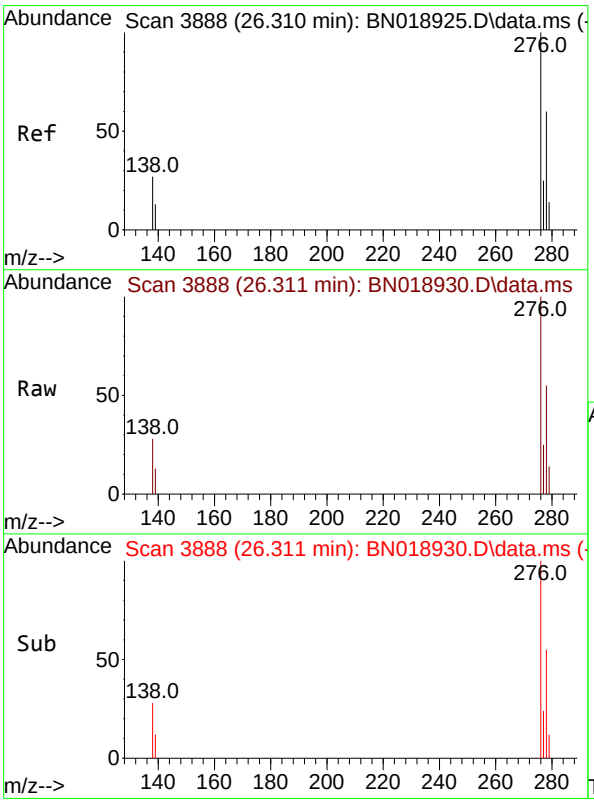
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.837 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN018930.D
Acq: 11 Mar 2022 18:06

Instrument :
BNA_N
ClientSampleId :
ICVBN031222

Tgt Ion:264 Resp: 10359

Ion	Ratio	Lower	Upper
264	100		
260	28.2	22.4	33.6
265	35.2	25.3	37.9

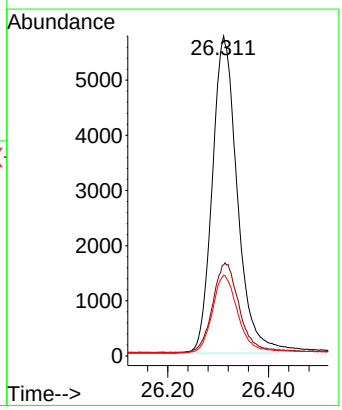


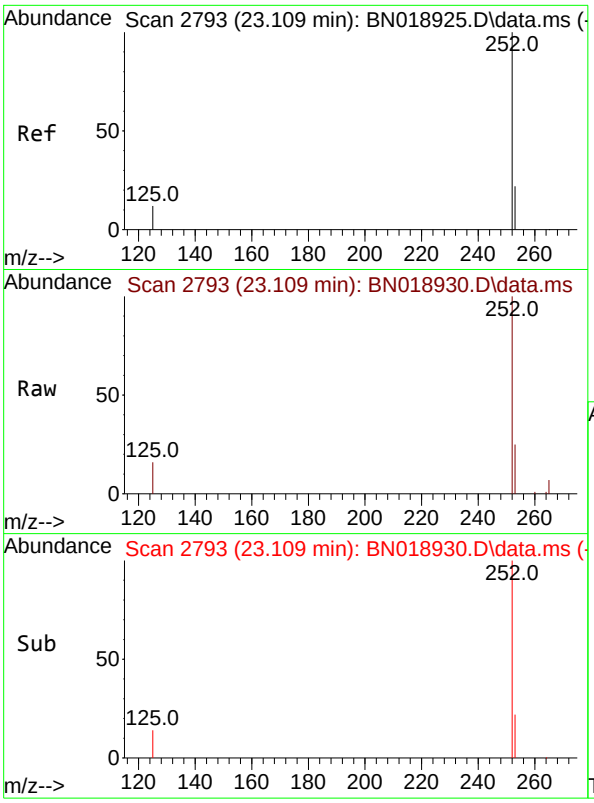


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.411 ng
RT: 26.311 min Scan# 3888
Delta R.T. 0.000 min
Lab File: BN018930.D
Acq: 11 Mar 2022 18:06

Tgt Ion:276 Resp: 19747

Ion	Ratio	Lower	Upper
276	100		
138	29.7	24.5	36.7
277	24.6	19.8	29.8



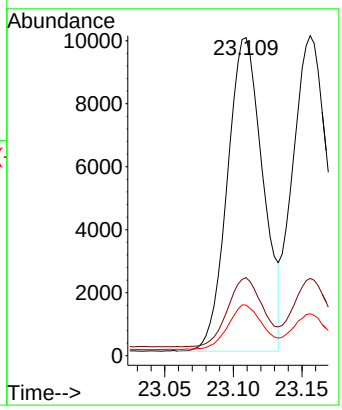


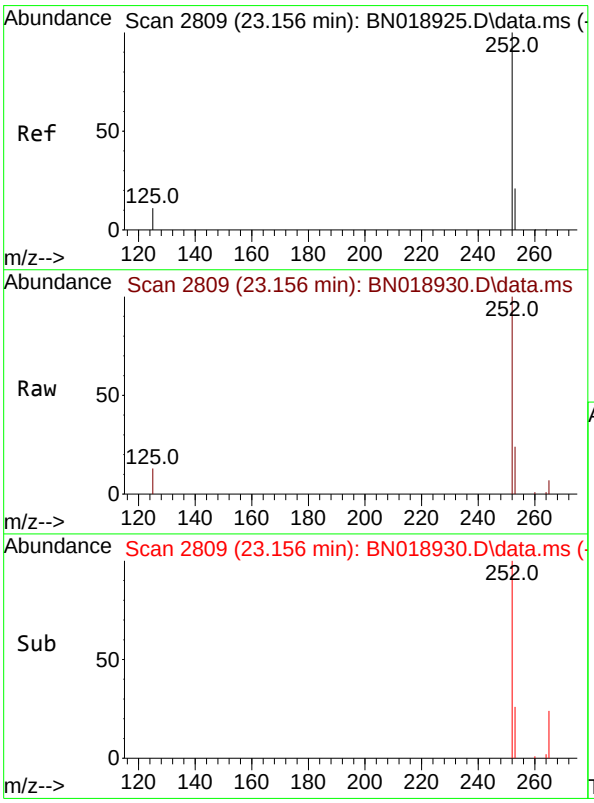
#37
Benzo(b)fluoranthene
Concen: 0.385 ng
RT: 23.109 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN018930.D
Acq: 11 Mar 2022 18:06

Instrument :
BNA_N
ClientSampleId :
ICVBN031222

Tgt Ion:252 Resp: 17961

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.9	28.3
125	16.0	12.1	18.1

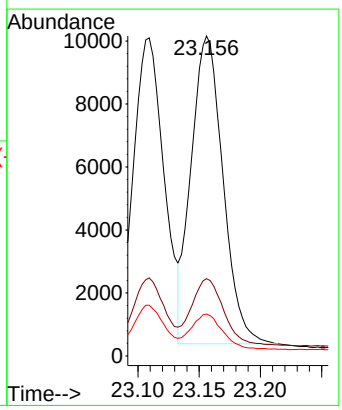


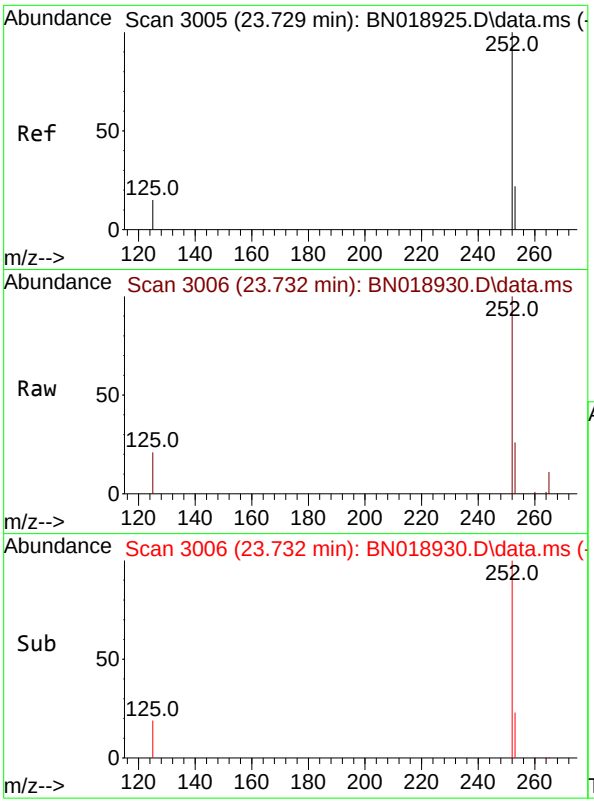


#38
Benzo(k)fluoranthene
Concen: 0.382 ng
RT: 23.156 min Scan# 2809
Delta R.T. 0.000 min
Lab File: BN018930.D
Acq: 11 Mar 2022 18:06

Tgt Ion:252 Resp: 17688

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.9	28.3
125	13.1	10.3	15.5



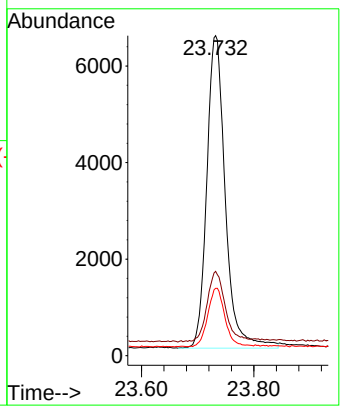


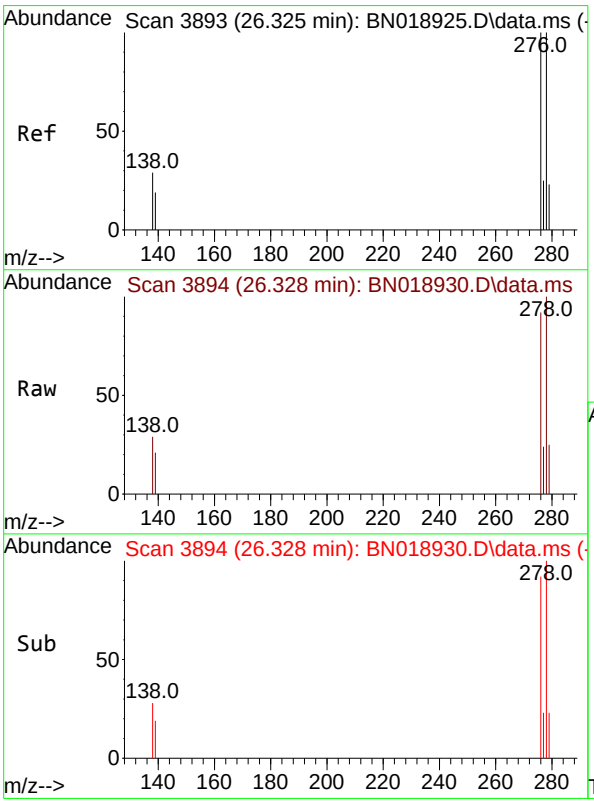
#39
Benzo(a)pyrene
Concen: 0.394 ng
RT: 23.732 min Scan# 3
Delta R.T. 0.003 min
Lab File: BN018930.D
Acq: 11 Mar 2022 18:06

Instrument :
BNA_N
ClientSampleId :
ICVBN031222

Tgt Ion:252 Resp: 14785

Ion	Ratio	Lower	Upper
252	100		
253	26.4	20.1	30.1
125	21.0	15.2	22.8

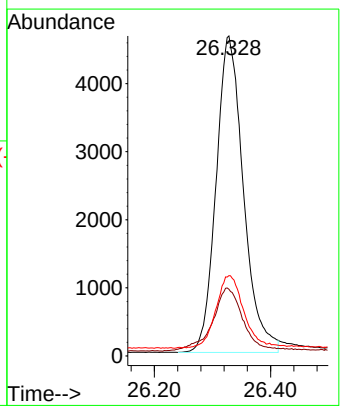


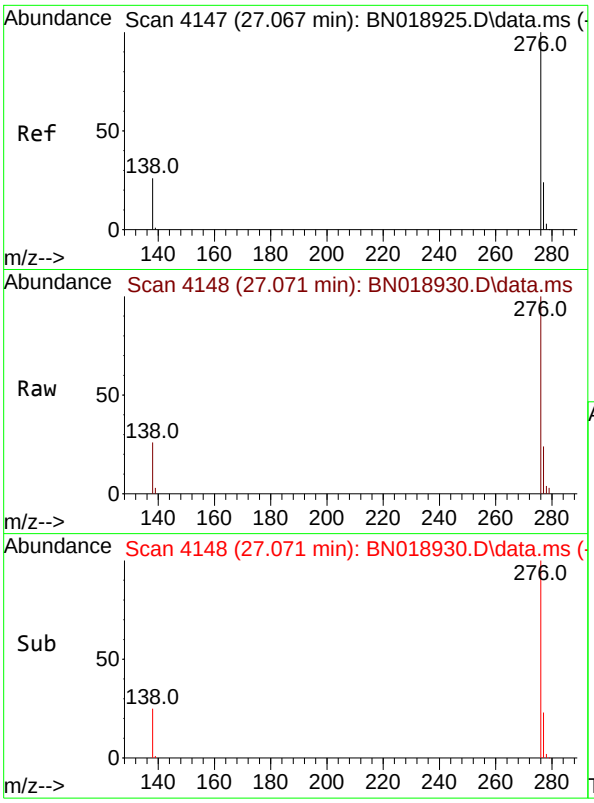


#40
Dibenzo(a,h)anthracene
Concen: 0.411 ng
RT: 26.328 min Scan# 3894
Delta R.T. 0.003 min
Lab File: BN018930.D
Acq: 11 Mar 2022 18:06

Tgt Ion:278 Resp: 15177

Ion	Ratio	Lower	Upper
278	100		
139	20.9	17.2	25.8
279	25.1	19.9	29.9





#41
Benzo(g,h,i)perylene
Concen: 0.398 ng
RT: 27.071 min Scan# 4
Delta R.T. 0.003 min
Lab File: BN018930.D
Acq: 11 Mar 2022 18:06

Instrument :
BNA_N
ClientSampleId :
ICVBN031222

Tgt Ion:276 Resp: 16536

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.4	29.0
138	25.9	21.0	31.6