Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100223\
Data File : BN027993.D
Acq On : 02 Oct 2023 18:42
Operator : MA/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Oct 02 19:11:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 02 18:49:22 2023
Response via : Initial Calibration

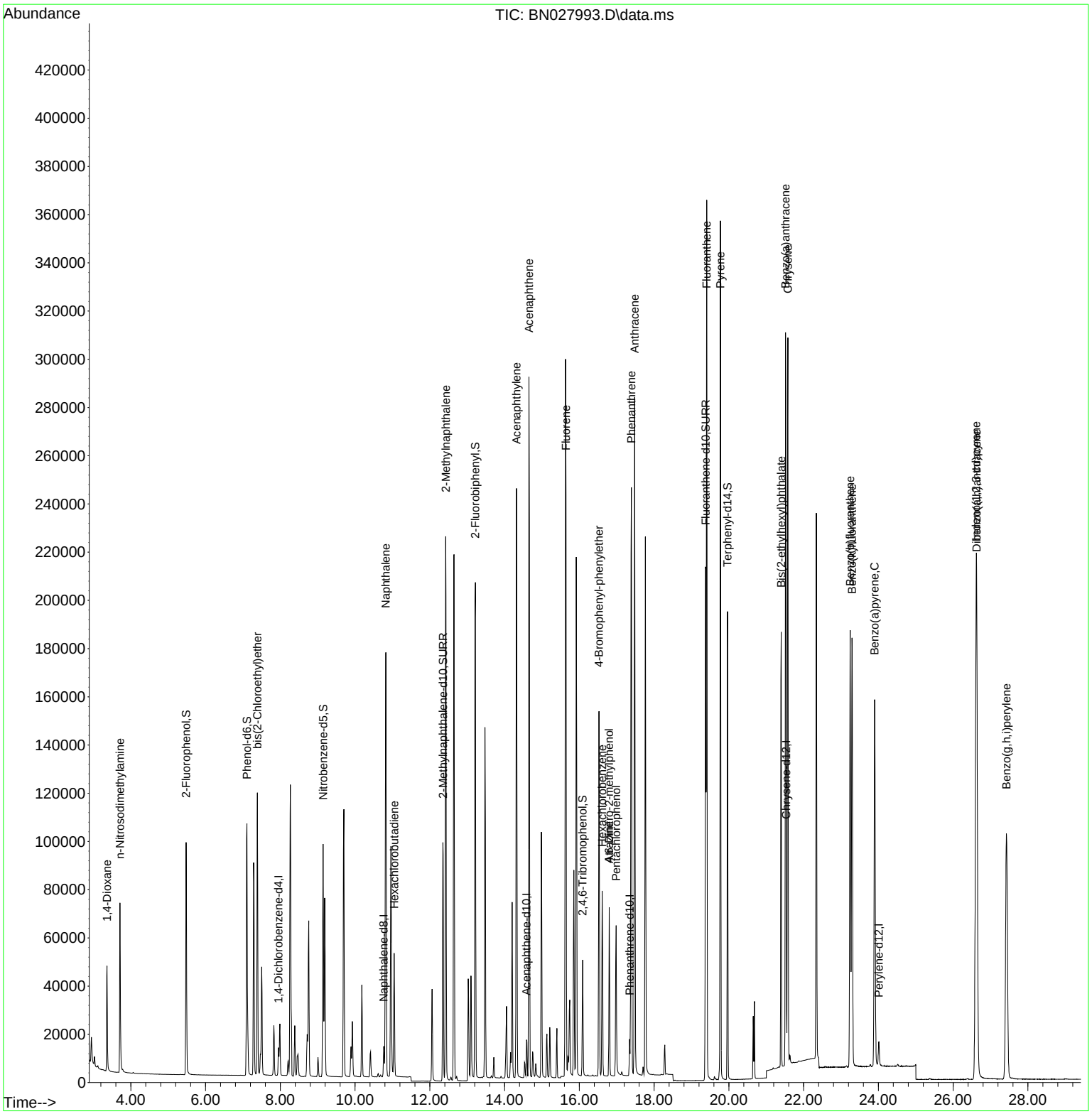
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.950	152	5522	0.400	ng		0.00
7) Naphthalene-d8	10.767	136	16432	0.400	ng		0.00
13) Acenaphthene-d10	14.587	164	9691	0.400	ng		-0.01
19) Phenanthrene-d10	17.343	188	19284	0.400	ng		0.00
29) Chrysene-d12	21.533	240	15055	0.400	ng		0.00
35) Perylene-d12	24.013	264	14441	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.480	112	75558	4.526	ng		0.00
5) Phenol-d6	7.105	99	99518	4.754	ng		0.00
8) Nitrobenzene-d5	9.144	82	76418	5.551	ng		0.00
11) 2-Methylnaphthalene-d10	12.351	152	129209	5.362	ng		0.00
14) 2,4,6-Tribromophenol	16.090	330	25278	5.830	ng		0.00
15) 2-Fluorobiphenyl	13.218	172	188784	5.479	ng		0.00
27) Fluoranthene-d10	19.379	212	243400	5.030	ng		0.00
31) Terphenyl-d14	19.964	244	189264	5.459	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.364	88	29287	4.217	ng		97
3) n-Nitrosodimethylamine	3.711	42	34596	4.856	ng	#	98
6) bis(2-Chloroethyl)ether	7.387	93	82824	4.940	ng		100
9) Naphthalene	10.821	128	222473	5.282	ng		98
10) Hexachlorobutadiene	11.045	225	39073	5.215	ng	#	99
12) 2-Methylnaphthalene	12.426	142	156800	5.329	ng		99
16) Acenaphthylene	14.320	152	240847	5.727	ng		100
17) Acenaphthene	14.651	154	145709	5.383	ng		100
18) Fluorene	15.643	166	186841	5.302	ng		100
20) 4,6-Dinitro-2-methylph...	16.797	198	1312	4.773	ng	#	43
21) 4-Bromophenyl-phenylether	16.524	248	56910	5.787	ng		94
22) Hexachlorobenzene	16.611	284	56504	5.422	ng		98
23) Atrazine	16.797	200	49441	5.752	ng		96
24) Pentachlorophenol	16.983	266	32512	6.898	ng		94
25) Phenanthrene	17.393	178	281359	5.487	ng		99
26) Anthracene	17.480	178	278161	5.788	ng		100
28) Fluoranthene	19.407	202	300207	5.004	ng		100
30) Pyrene	19.774	202	306569	5.658	ng		100
32) Benzo(a)anthracene	21.515	228	272020	5.365	ng		99
33) Chrysene	21.578	228	262147	5.365	ng		99
34) Bis(2-ethylhexyl)phtha...	21.399	149	168196	4.620	ng		100
36) Indeno(1,2,3-cd)pyrene	26.615	276	287341	6.102	ng		99
37) Benzo(b)fluoranthene	23.244	252	240564	5.185	ng	#	87
38) Benzo(k)fluoranthene	23.294	252	248904	5.308	ng	#	87
39) Benzo(a)pyrene	23.899	252	235756	5.408	ng	#	83
40) Dibenzo(a,h)anthracene	26.630	278	235123	6.104	ng	#	88
41) Benzo(g,h,i)perylene	27.425	276	243133	6.158	ng		94

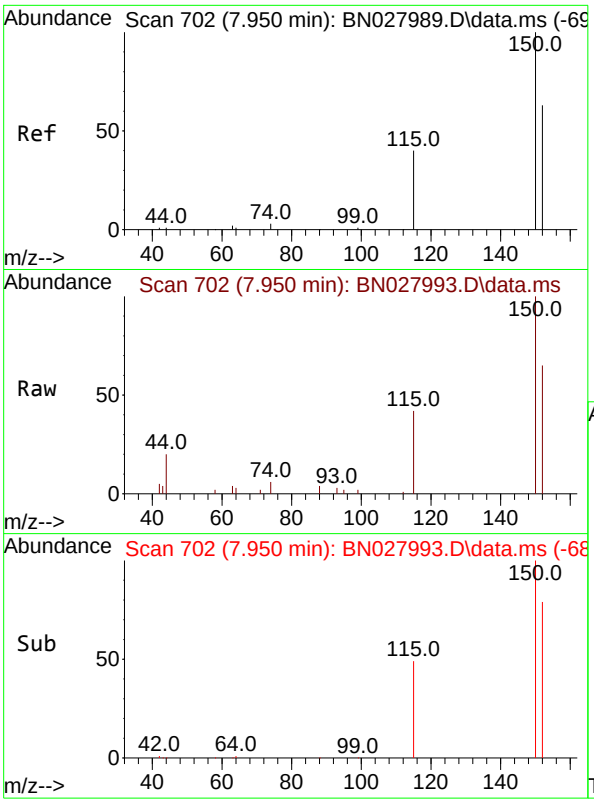
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100223\
Data File : BN027993.D
Acq On : 02 Oct 2023 18:42
Operator : MA/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Oct 02 19:11:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 02 18:49:22 2023
Response via : Initial Calibration



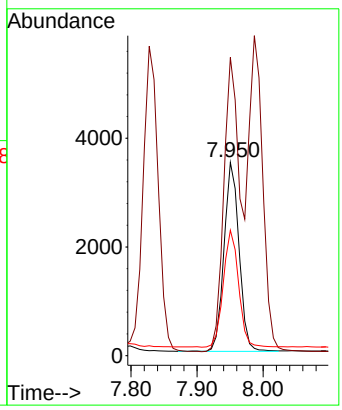


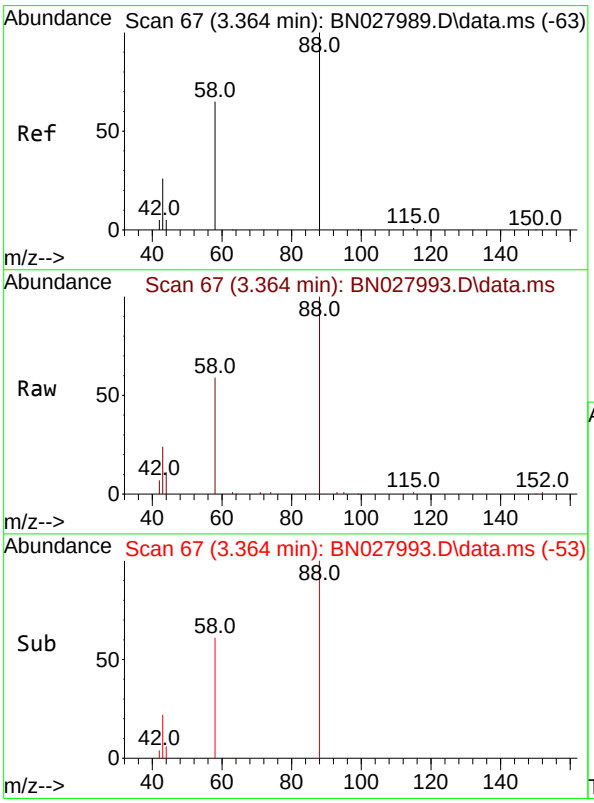
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.950 min Scan# 7(
Delta R.T. 0.000 min
Lab File: BN027993.D
Acq: 02 Oct 2023 18:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:152 Resp: 5522

Ion	Ratio	Lower	Upper
152	100		
150	154.3	125.6	188.4
115	64.9	54.8	82.2

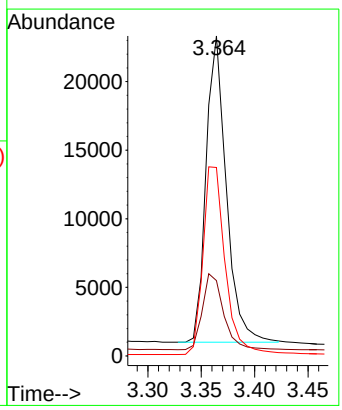


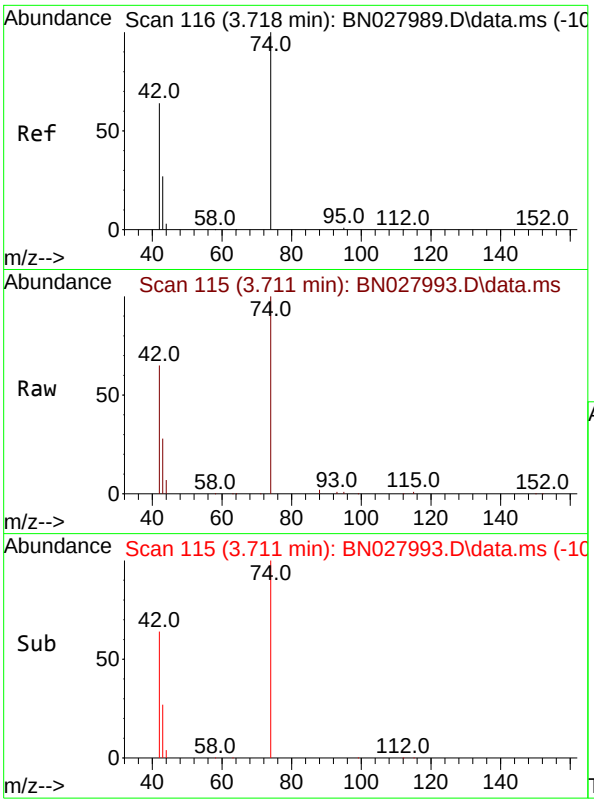


#2
1,4-Dioxane
Concen: 4.217 ng
RT: 3.364 min Scan# 67
Delta R.T. -0.000 min
Lab File: BN027993.D
Acq: 02 Oct 2023 18:42

Tgt Ion: 88 Resp: 29287

Ion	Ratio	Lower	Upper
88	100		
43	26.1	24.6	36.8
58	67.6	53.8	80.6



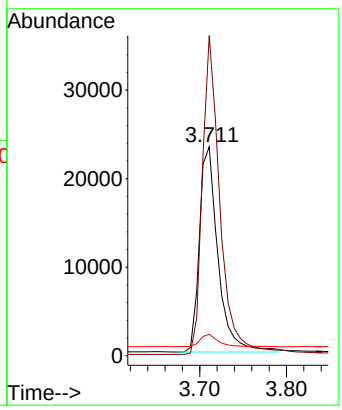


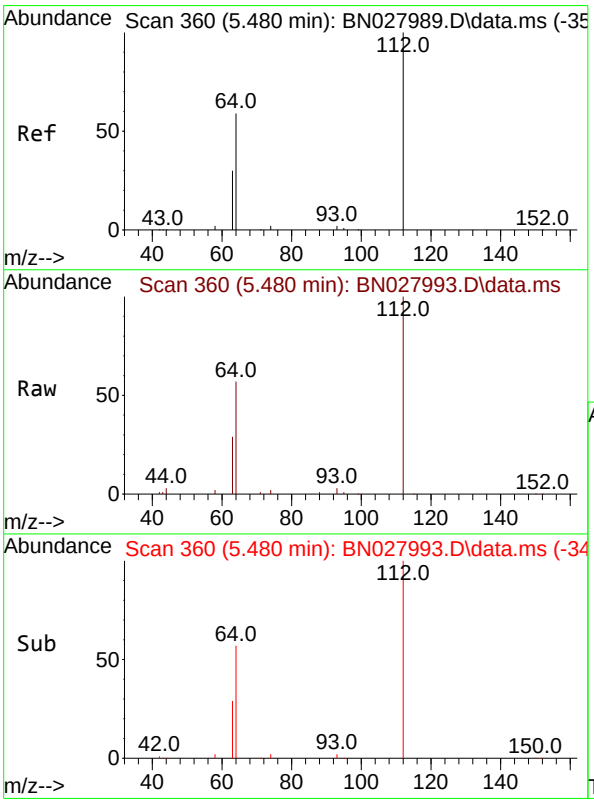
#3
n-Nitrosodimethylamine
Concen: 4.856 ng
RT: 3.711 min Scan# 11
Delta R.T. -0.007 min
Lab File: BN027993.D
Acq: 02 Oct 2023 18:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion: 42 Resp: 34596

Ion	Ratio	Lower	Upper
42	100		
74	147.2	115.9	173.9
44	6.0	8.0	12.0#

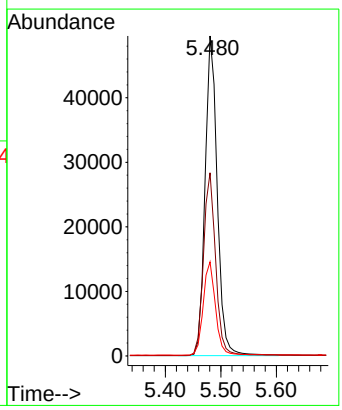


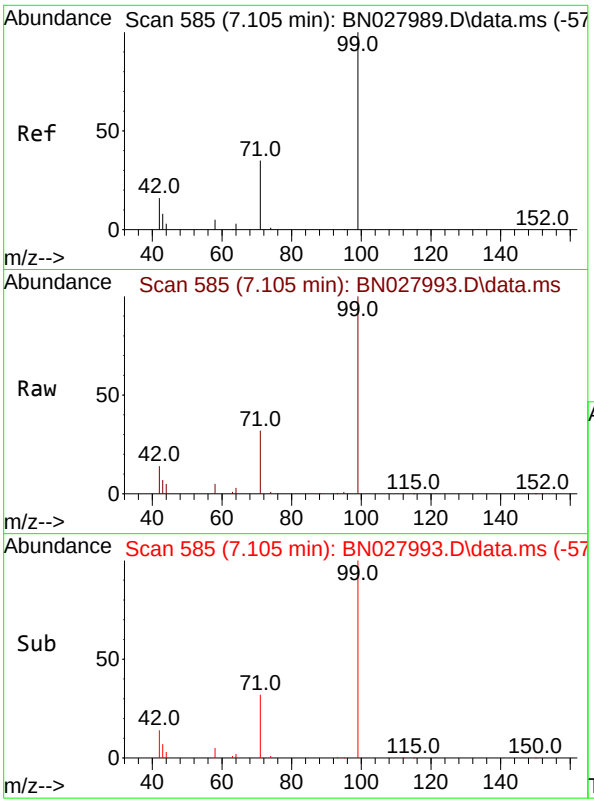


#4
2-Fluorophenol
Concen: 4.526 ng
RT: 5.480 min Scan# 360
Delta R.T. -0.000 min
Lab File: BN027993.D
Acq: 02 Oct 2023 18:42

Tgt Ion:112 Resp: 75558

Ion	Ratio	Lower	Upper
112	100		
64	57.2	45.0	67.6
63	29.5	23.4	35.0



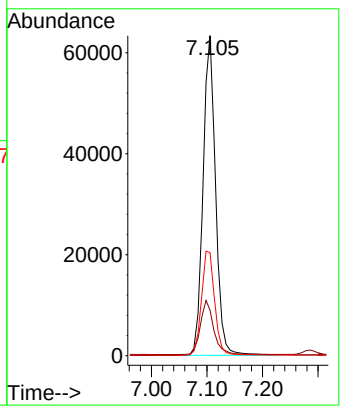


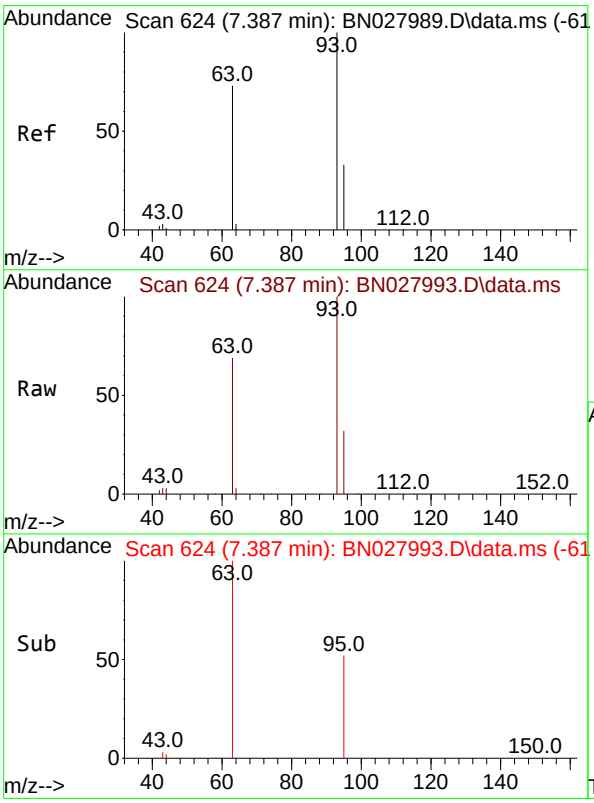
#5
Phenol-d6
Concen: 4.754 ng
RT: 7.105 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN027993.D
Acq: 02 Oct 2023 18:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion: 99 Resp: 99518

Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.6	22.0
71	34.3	28.3	42.5

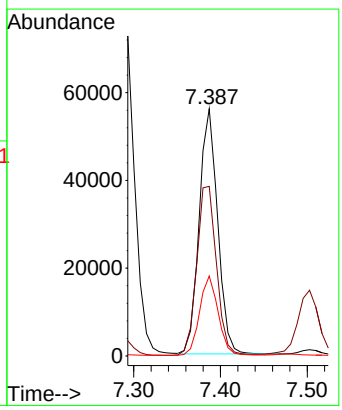


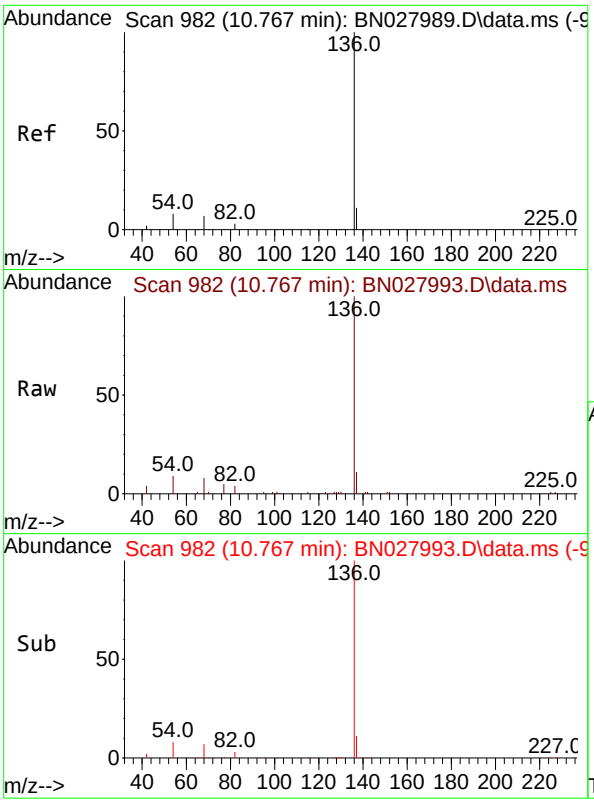


#6
bis(2-Chloroethyl)ether
Concen: 4.940 ng
RT: 7.387 min Scan# 624
Delta R.T. -0.000 min
Lab File: BN027993.D
Acq: 02 Oct 2023 18:42

Tgt Ion: 93 Resp: 82824

Ion	Ratio	Lower	Upper
93	100		
63	73.7	58.8	88.2
95	32.5	26.6	39.8



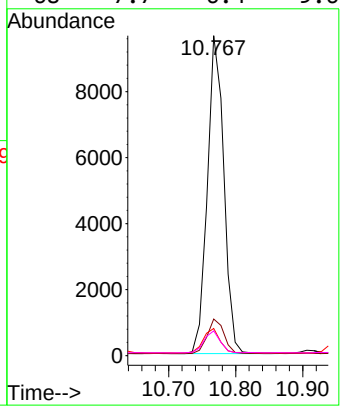


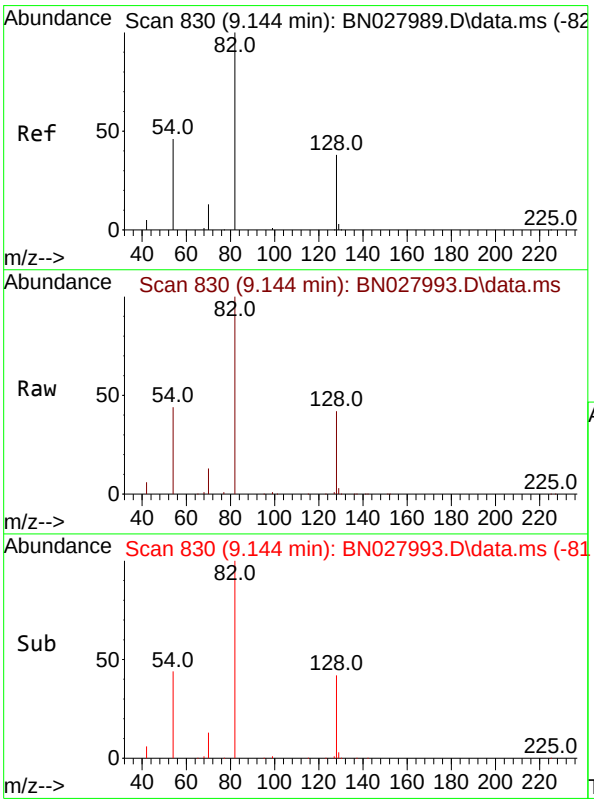
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.767 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN027993.D
Acq: 02 Oct 2023 18:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:136 Resp: 16432

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.4	14.0
54	8.5	7.0	10.6
68	7.7	6.4	9.6

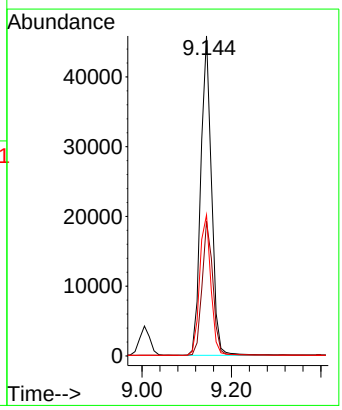


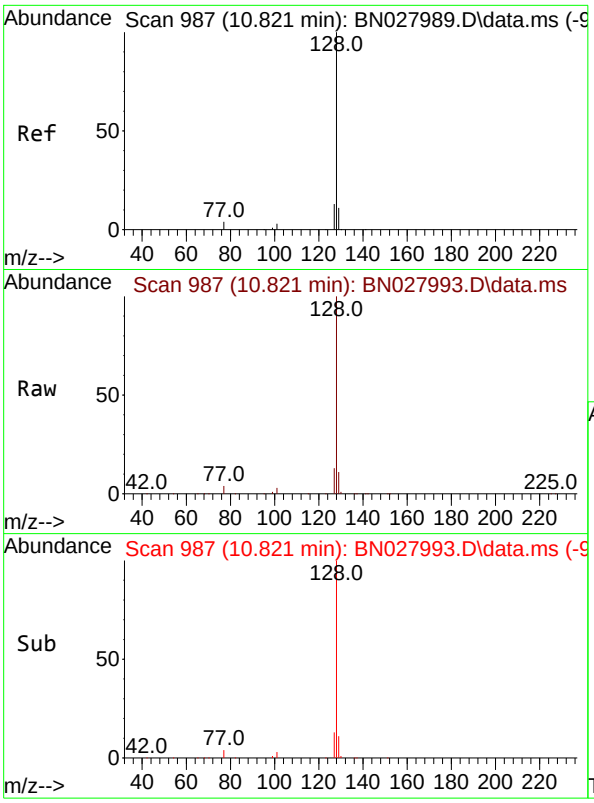


#8
Nitrobenzene-d5
Concen: 5.551 ng
RT: 9.144 min Scan# 830
Delta R.T. -0.000 min
Lab File: BN027993.D
Acq: 02 Oct 2023 18:42

Tgt Ion: 82 Resp: 76418

Ion	Ratio	Lower	Upper
82	100		
128	42.1	32.7	49.1
54	44.1	38.7	58.1



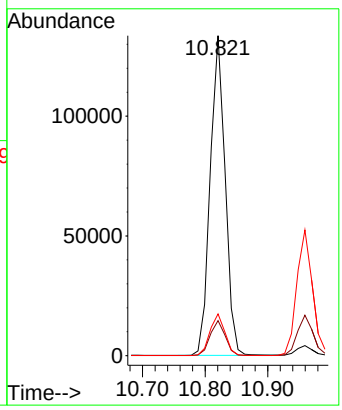


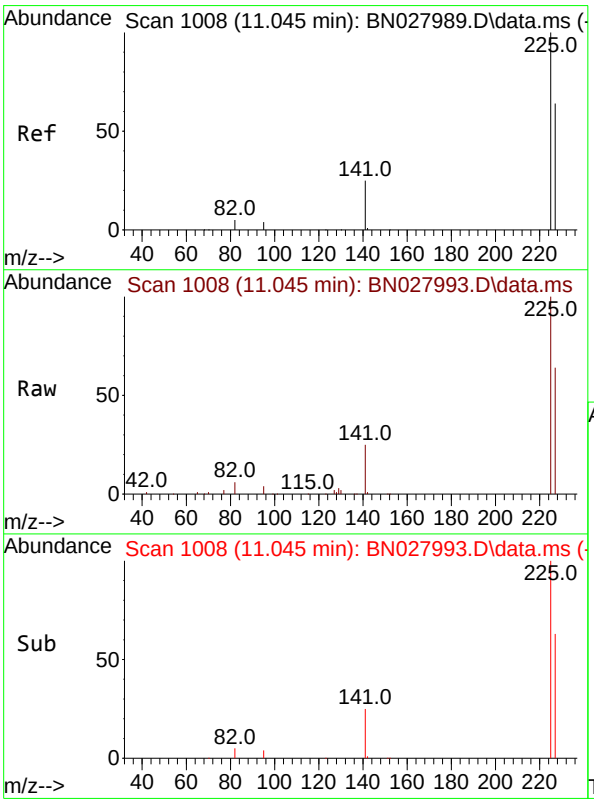
#9
Naphthalene
Concen: 5.282 ng
RT: 10.821 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN027993.D
Acq: 02 Oct 2023 18:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:128 Resp: 222473

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.4	14.2
127	13.1	10.9	16.3

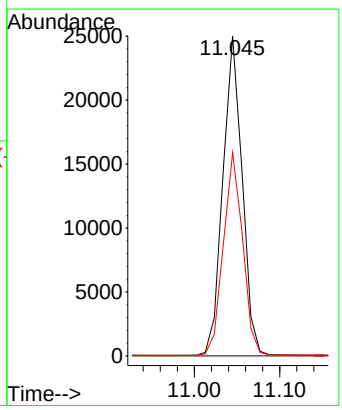


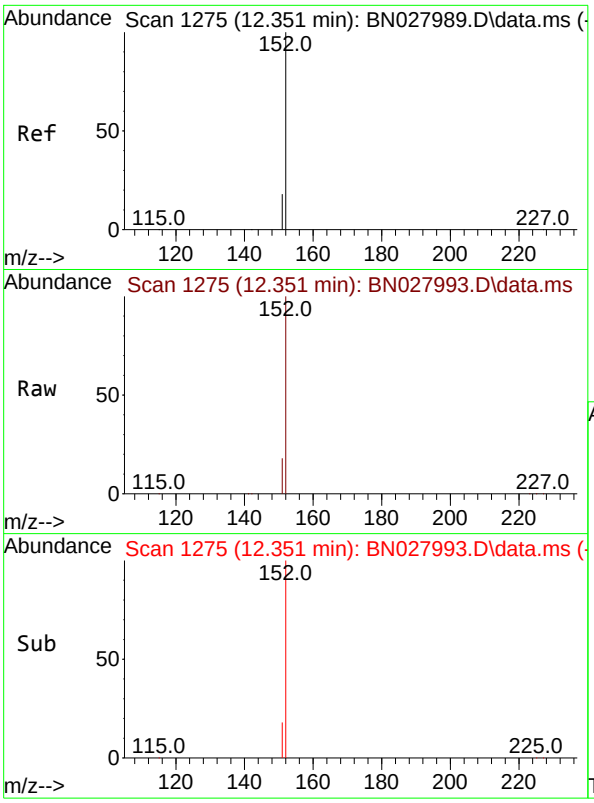


#10
Hexachlorobutadiene
Concen: 5.215 ng
RT: 11.045 min Scan# 1008
Delta R.T. -0.000 min
Lab File: BN027993.D
Acq: 02 Oct 2023 18:42

Tgt Ion:225 Resp: 39073

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.5	51.3	76.9



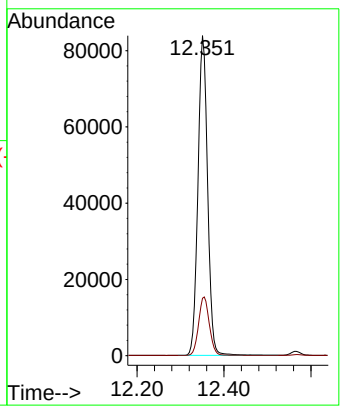


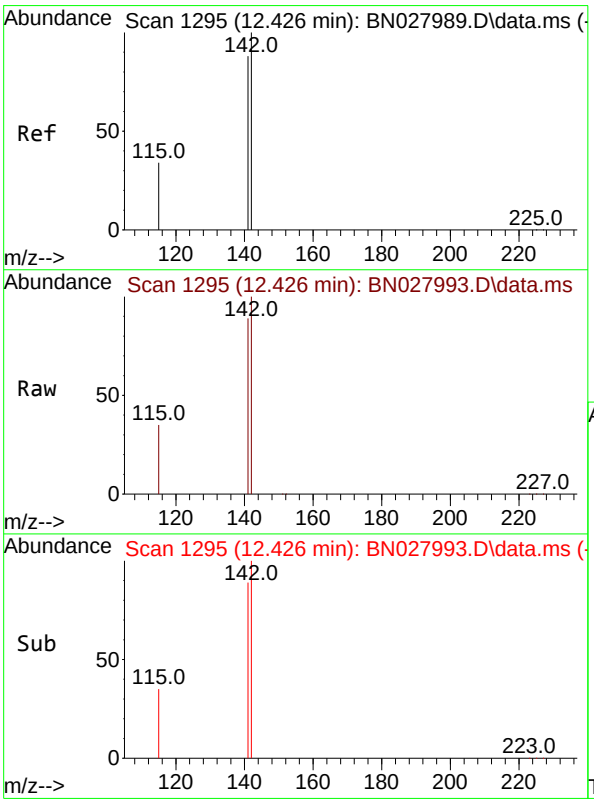
#11
2-Methylnaphthalene-d10
Concen: 5.362 ng
RT: 12.351 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN027993.D
Acq: 02 Oct 2023 18:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:152 Resp: 129209

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.5	24.7

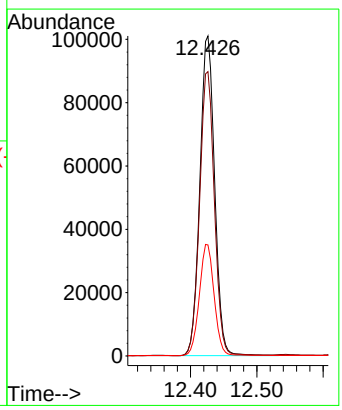


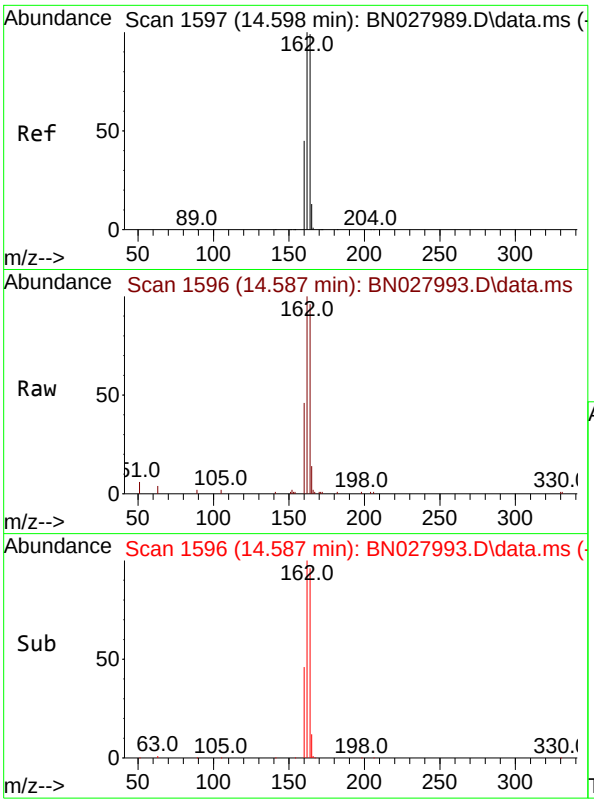


#12
2-Methylnaphthalene
Concen: 5.329 ng
RT: 12.426 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BN027993.D
Acq: 02 Oct 2023 18:42

Tgt Ion:142 Resp: 156800

Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.7	106.1
115	34.7	28.6	42.8



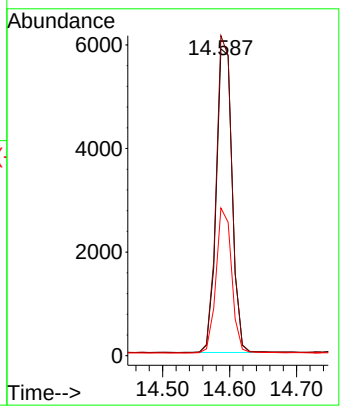


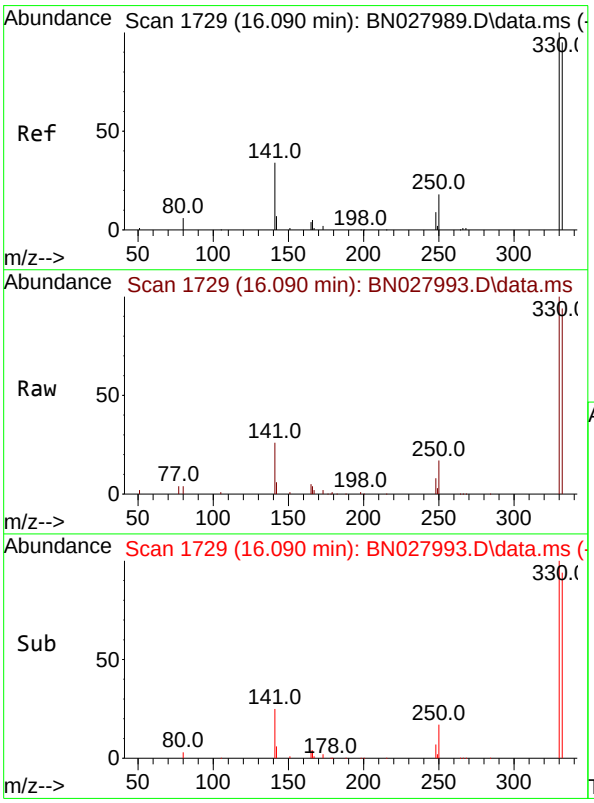
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.587 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN027993.D
Acq: 02 Oct 2023 18:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:164 Resp: 9691

Ion	Ratio	Lower	Upper
164	100		
162	104.3	80.8	121.2
160	48.1	36.4	54.6

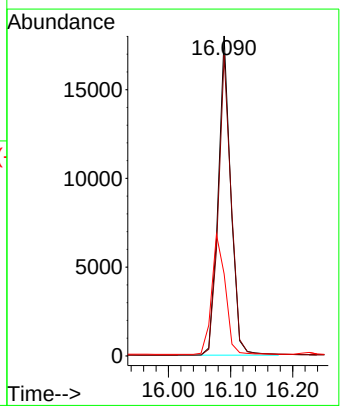


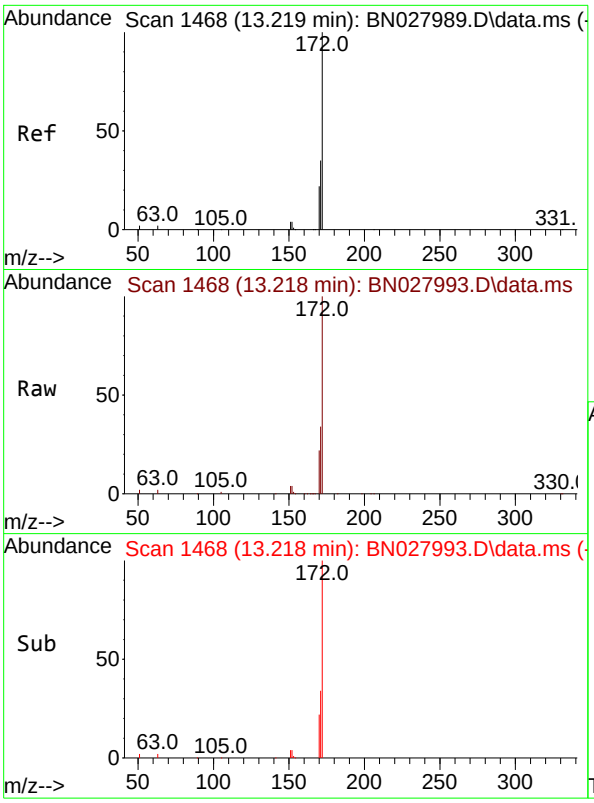


#14
2,4,6-Tribromophenol
Concen: 5.830 ng
RT: 16.090 min Scan# 1729
Delta R.T. -0.000 min
Lab File: BN027993.D
Acq: 02 Oct 2023 18:42

Tgt Ion:330 Resp: 25278

Ion	Ratio	Lower	Upper
330	100		
332	95.8	78.1	117.1
141	40.7	33.4	50.2



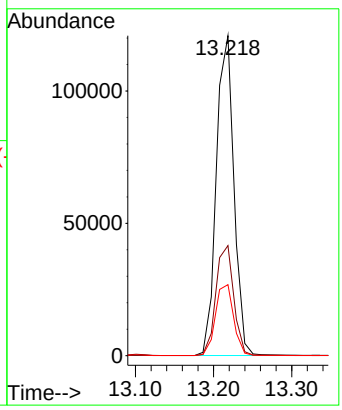


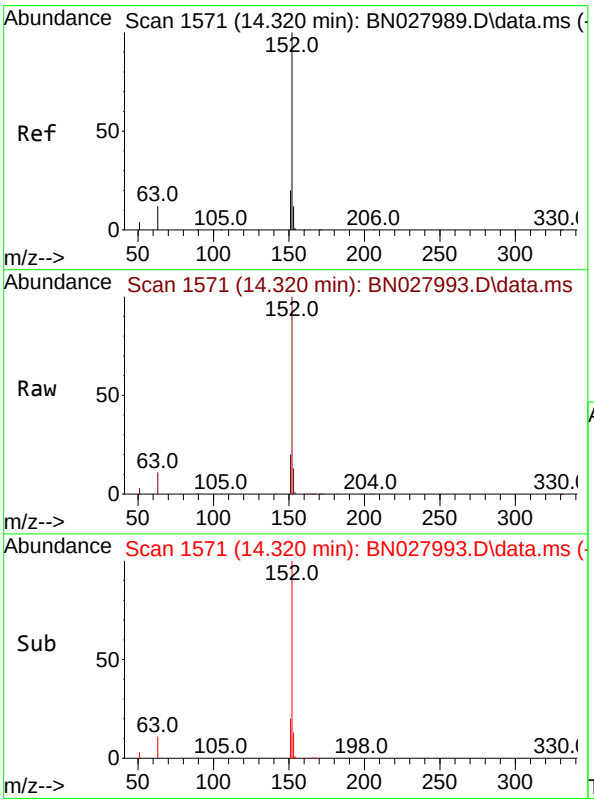
#15
2-Fluorobiphenyl
Concen: 5.479 ng
RT: 13.218 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN027993.D
Acq: 02 Oct 2023 18:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:172 Resp: 188784

Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.1	42.1
170	22.2	18.4	27.6

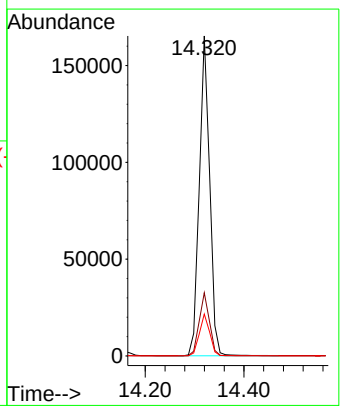


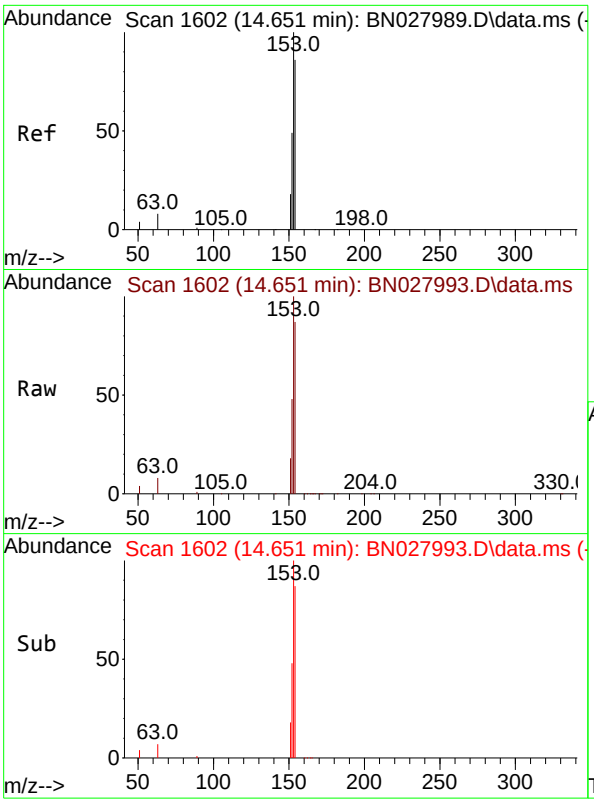


#16
Acenaphthylene
Concen: 5.727 ng
RT: 14.320 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BN027993.D
Acq: 02 Oct 2023 18:42

Tgt Ion:152 Resp: 240847

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.6
153	13.1	10.2	15.4



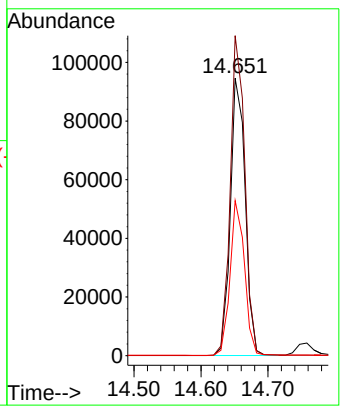


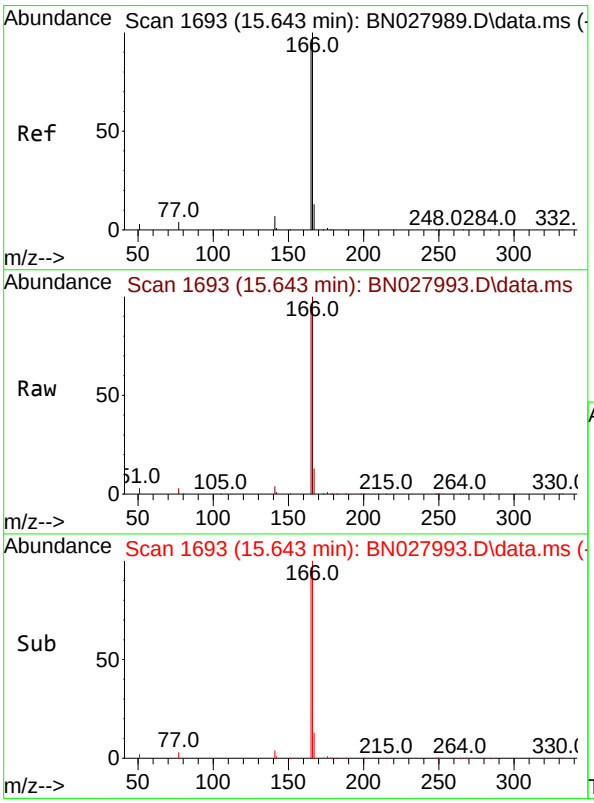
#17
Acenaphthene
Concen: 5.383 ng
RT: 14.651 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN027993.D
Acq: 02 Oct 2023 18:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:154 Resp: 145709

Ion	Ratio	Lower	Upper
154	100		
153	113.5	90.8	136.2
152	54.3	43.9	65.9

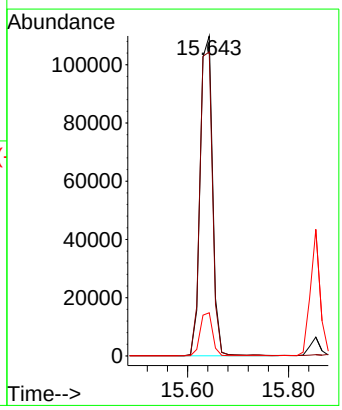


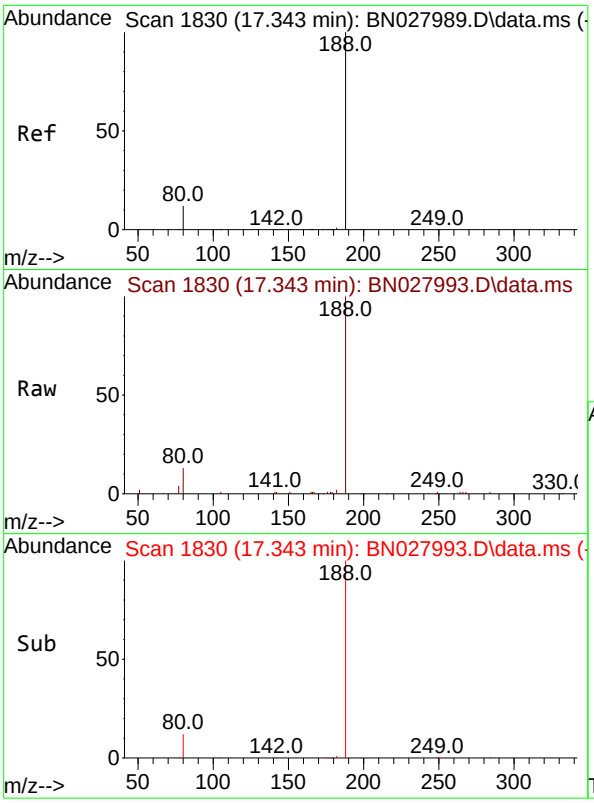


#18
Fluorene
Concen: 5.302 ng
RT: 15.643 min Scan# 1693
Delta R.T. -0.000 min
Lab File: BN027993.D
Acq: 02 Oct 2023 18:42

Tgt Ion:166 Resp: 186841

Ion	Ratio	Lower	Upper
166	100		
165	97.4	77.8	116.8
167	13.5	10.7	16.1



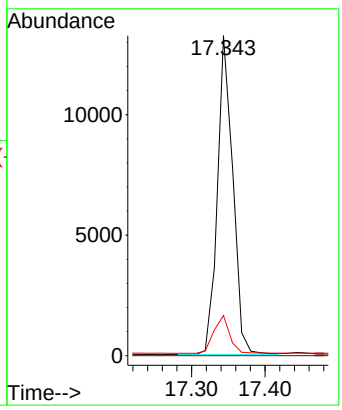


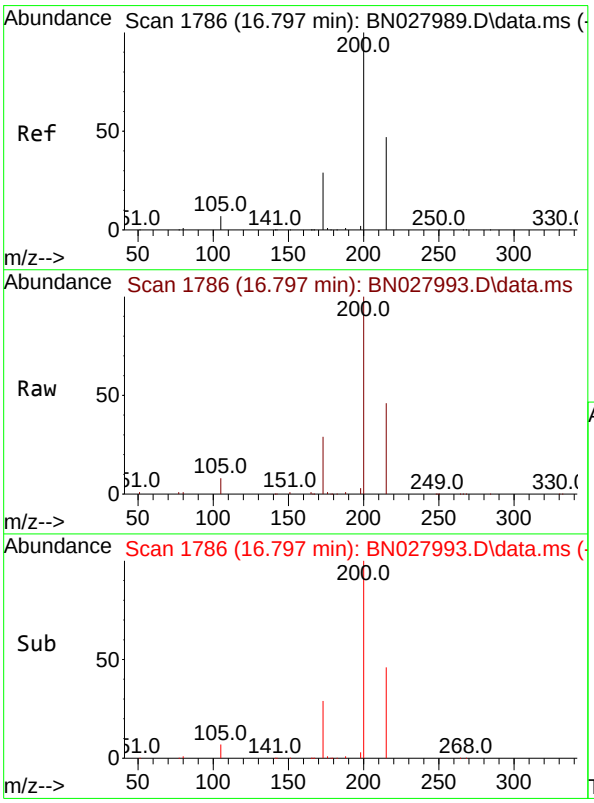
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.343 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN027993.D
Acq: 02 Oct 2023 18:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:188 Resp: 19284

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.6	10.2	15.4

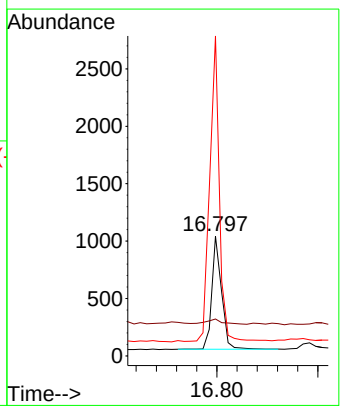


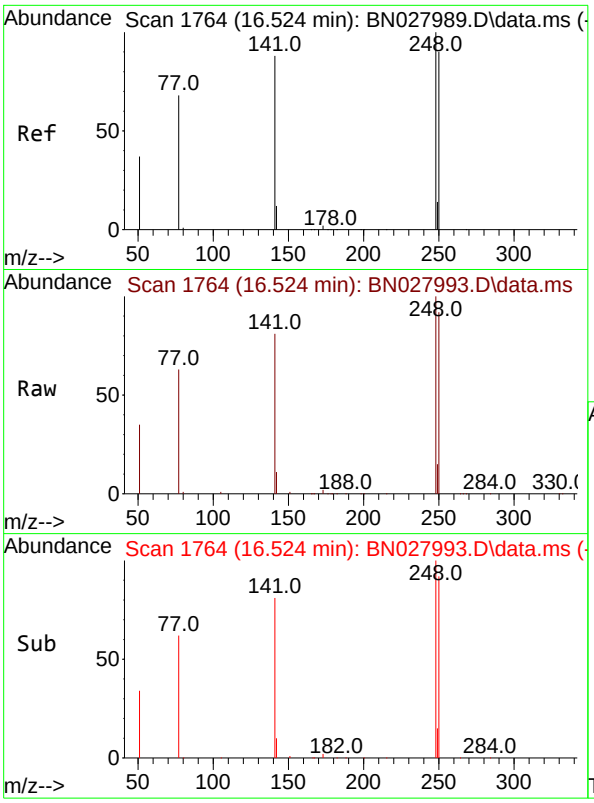


#20
4,6-Dinitro-2-methylphenol
Concen: 4.773 ng
RT: 16.797 min Scan# 1786
Delta R.T. -0.000 min
Lab File: BN027993.D
Acq: 02 Oct 2023 18:42

Tgt Ion:198 Resp: 1312

Ion	Ratio	Lower	Upper
198	100		
51	30.7	180.7	271.1#
105	267.0	222.2	333.2



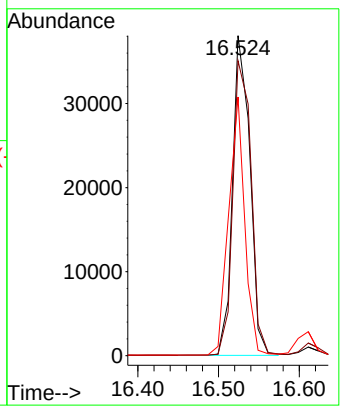


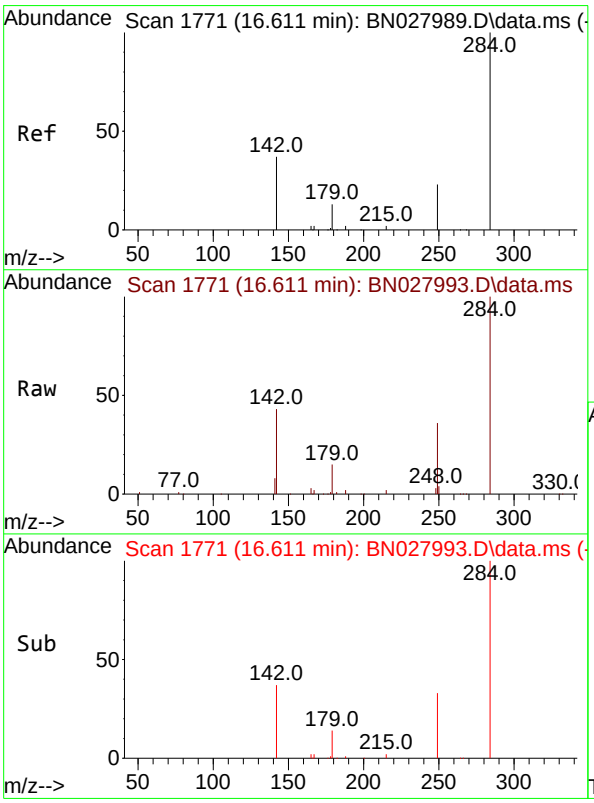
#21
4-Bromophenyl-phenylether
Concen: 5.787 ng
RT: 16.524 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN027993.D
Acq: 02 Oct 2023 18:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:248 Resp: 56910

Ion	Ratio	Lower	Upper
248	100		
250	92.1	72.3	108.5
141	80.8	71.8	107.6

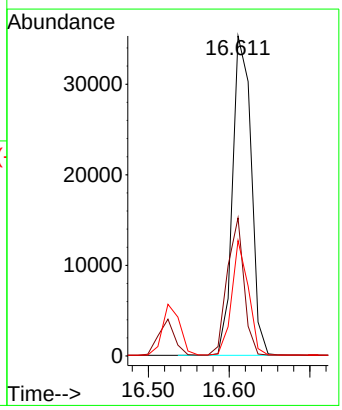


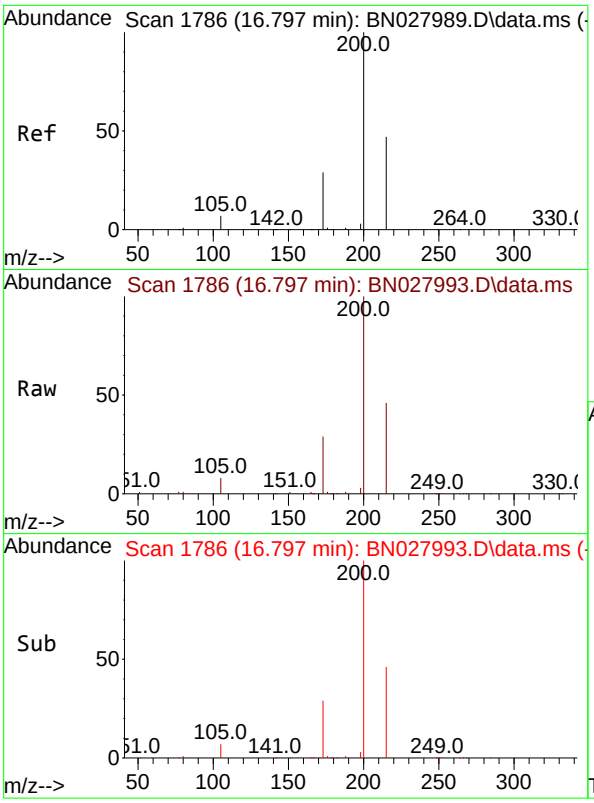


#22
Hexachlorobenzene
Concen: 5.422 ng
RT: 16.611 min Scan# 1771
Delta R.T. -0.000 min
Lab File: BN027993.D
Acq: 02 Oct 2023 18:42

Tgt Ion:284 Resp: 56504

Ion	Ratio	Lower	Upper
284	100		
142	38.7	29.9	44.9
249	32.0	25.0	37.4



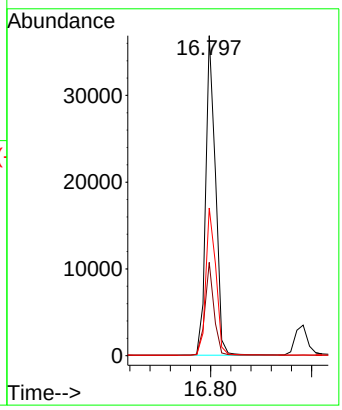


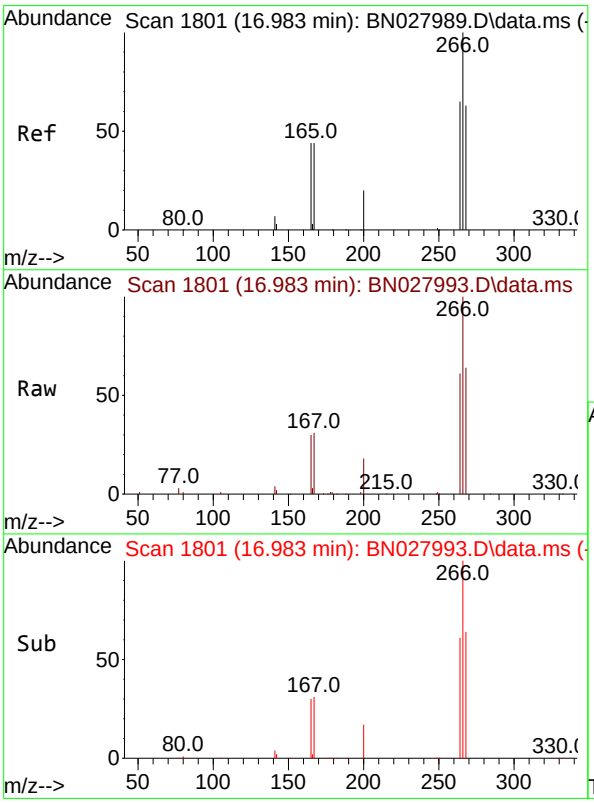
#23
Atrazine
Concen: 5.752 ng
RT: 16.797 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN027993.D
Acq: 02 Oct 2023 18:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:200 Resp: 49441

Ion	Ratio	Lower	Upper
200	100		
173	29.1	24.7	37.1
215	46.2	39.0	58.6

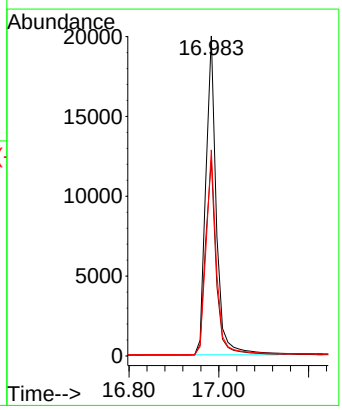


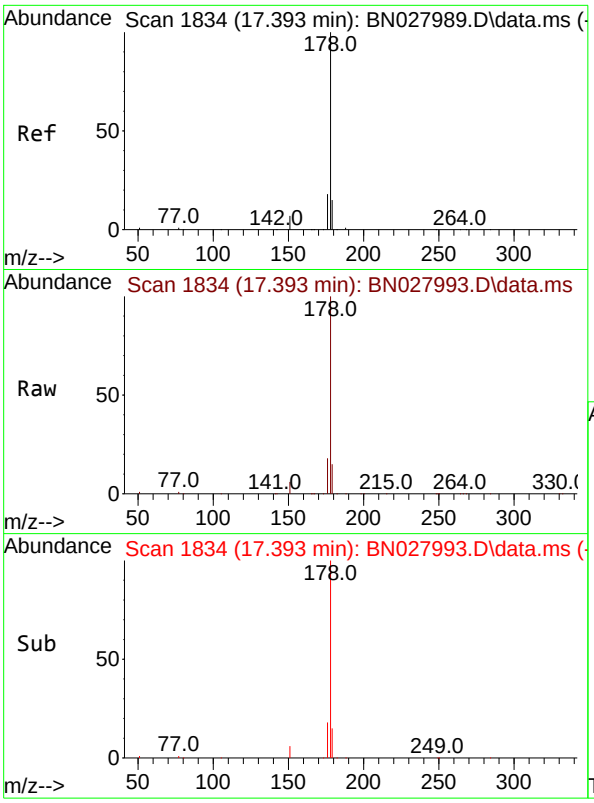


#24
Pentachlorophenol
Concen: 6.898 ng
RT: 16.983 min Scan# 1801
Delta R.T. -0.000 min
Lab File: BN027993.D
Acq: 02 Oct 2023 18:42

Tgt Ion:266 Resp: 32512

Ion	Ratio	Lower	Upper
266	100		
264	62.2	52.7	79.1
268	63.7	56.2	84.2



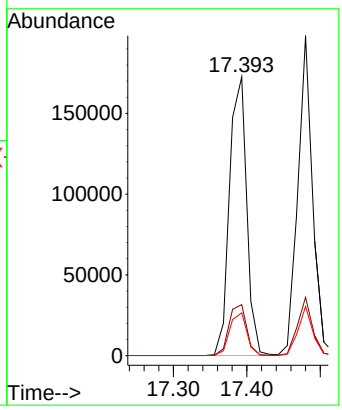


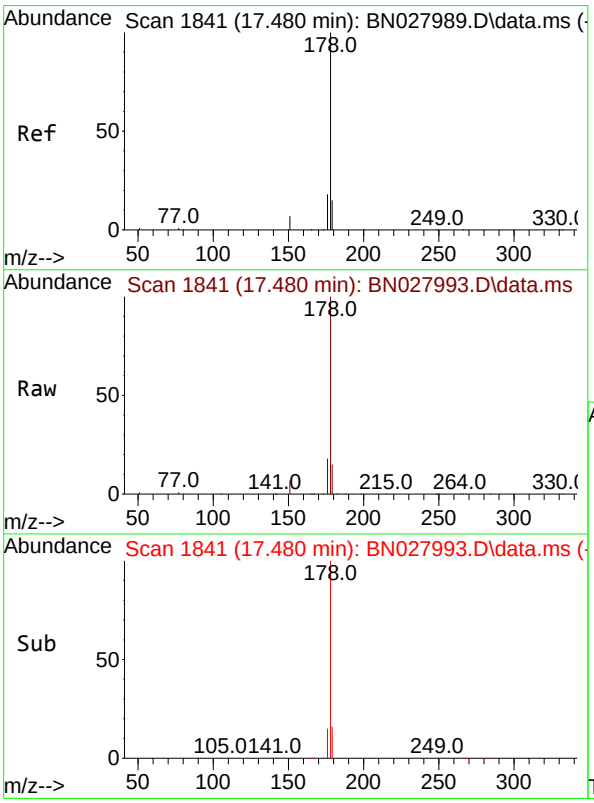
#25
Phenanthrene
Concen: 5.487 ng
RT: 17.393 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN027993.D
Acq: 02 Oct 2023 18:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:178 Resp: 281359

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	15.3	12.4	18.6

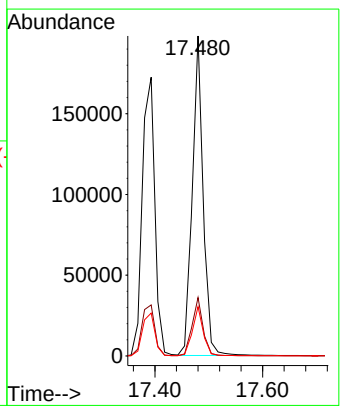


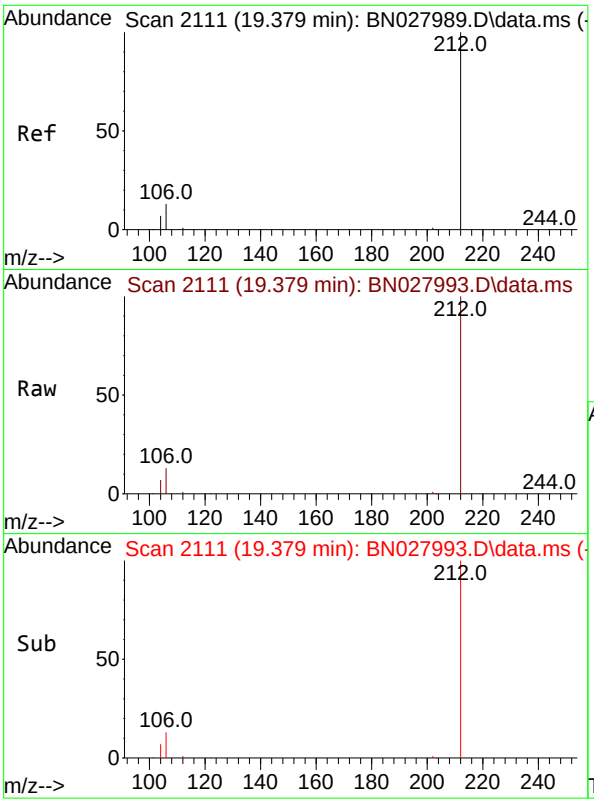


#26
Anthracene
Concen: 5.788 ng
RT: 17.480 min Scan# 1841
Delta R.T. -0.000 min
Lab File: BN027993.D
Acq: 02 Oct 2023 18:42

Tgt Ion:178 Resp: 278161

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.7	22.1
179	15.3	12.2	18.2



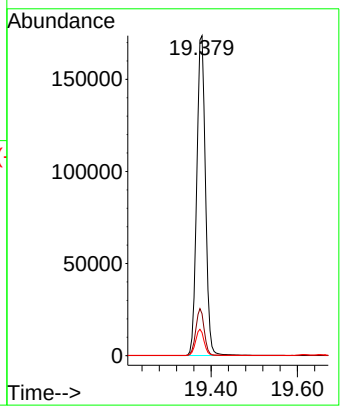


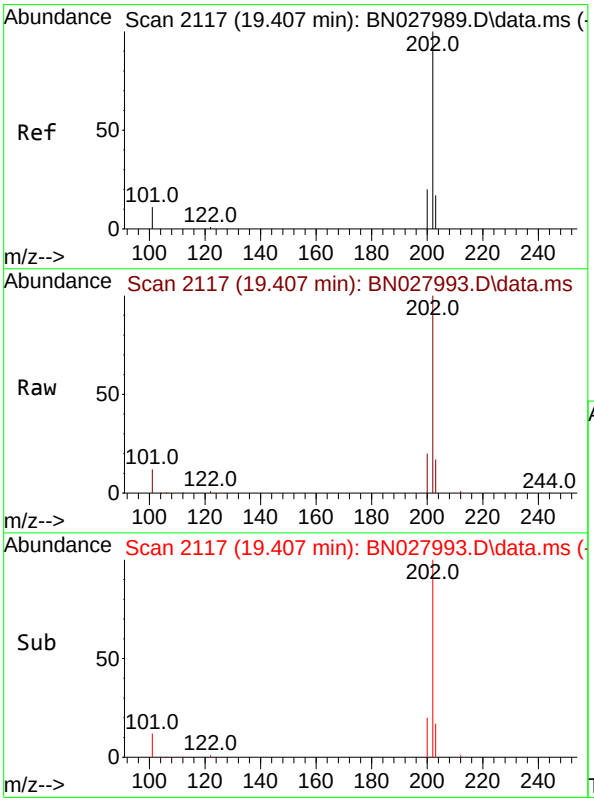
#27
Fluoranthene-d10
Concen: 5.030 ng
RT: 19.379 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN027993.D
Acq: 02 Oct 2023 18:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:212 Resp: 243400

Ion	Ratio	Lower	Upper
212	100		
106	14.3	11.3	16.9
104	8.0	6.4	9.6

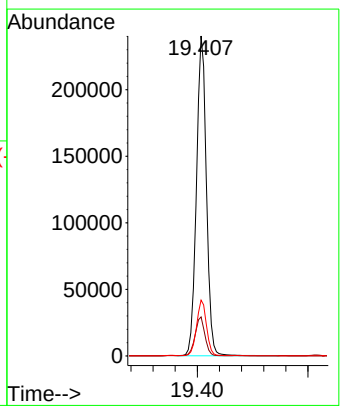


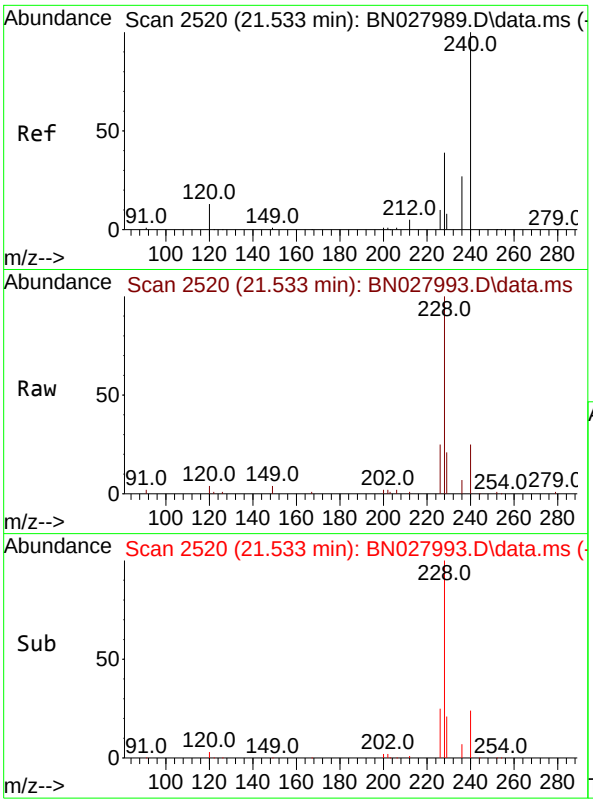


#28
Fluoranthene
Concen: 5.004 ng
RT: 19.407 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BN027993.D
Acq: 02 Oct 2023 18:42

Tgt Ion:202 Resp: 300207

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.8	14.6
203	17.3	13.8	20.8



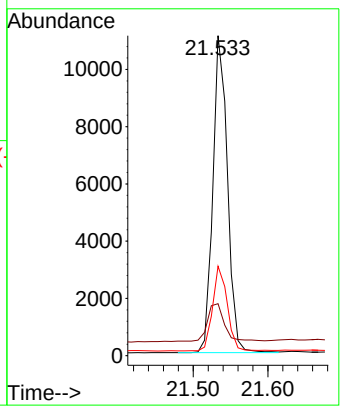


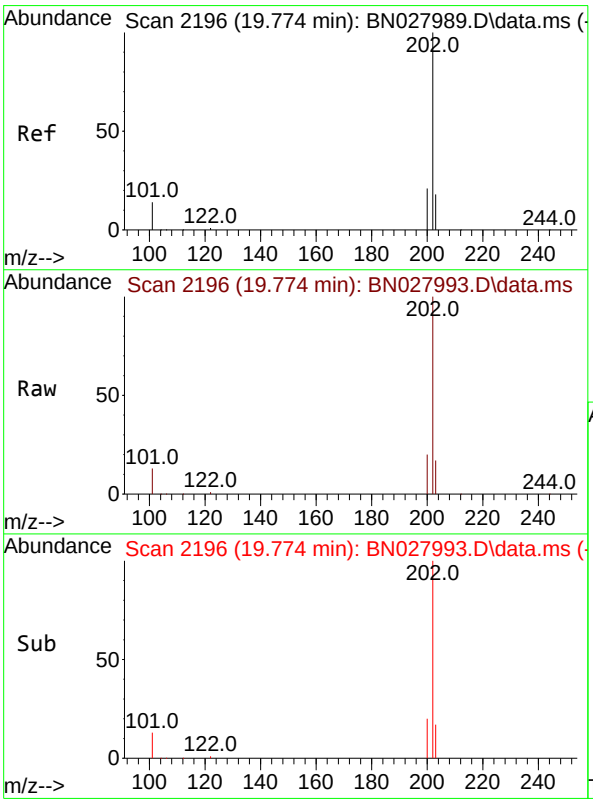
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.533 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN027993.D
Acq: 02 Oct 2023 18:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:240 Resp: 15055

Ion	Ratio	Lower	Upper
240	100		
120	16.3	13.8	20.6
236	27.9	22.6	33.8

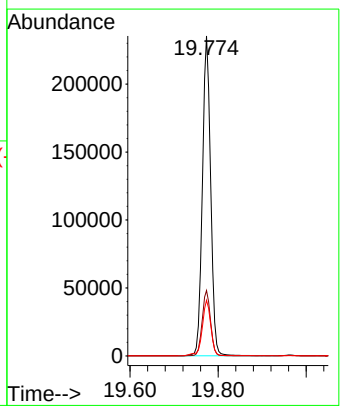


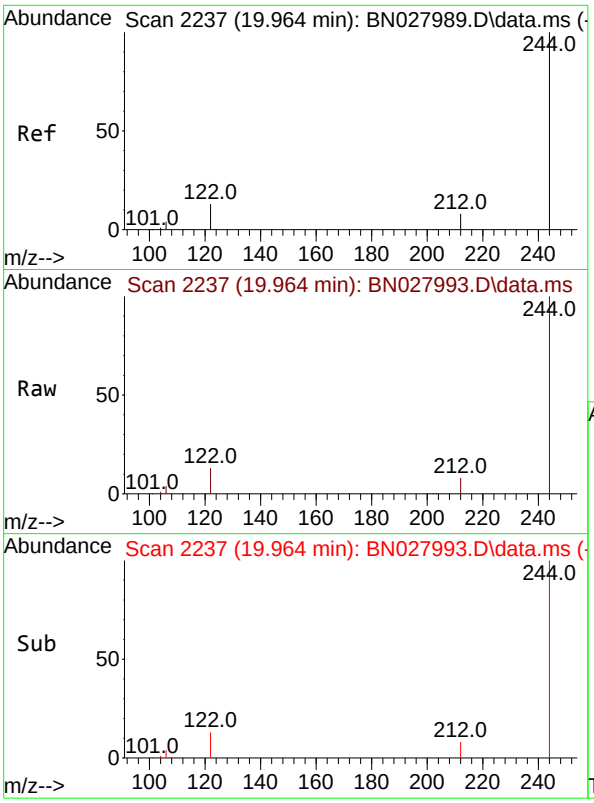


#30
Pyrene
Concen: 5.658 ng
RT: 19.774 min Scan# 2196
Delta R.T. -0.000 min
Lab File: BN027993.D
Acq: 02 Oct 2023 18:42

Tgt Ion:202 Resp: 306569

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.5	24.7
203	18.0	14.7	22.1



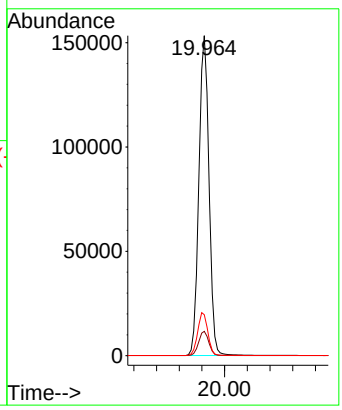


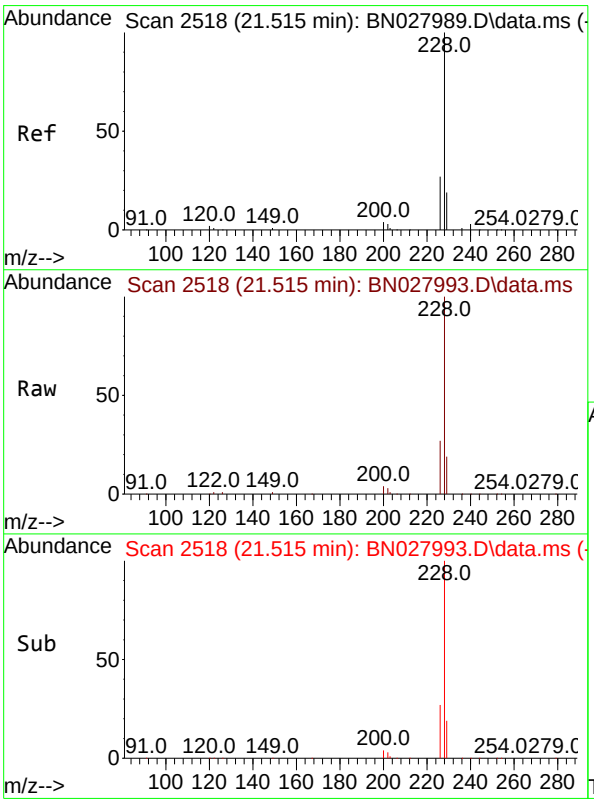
#31
Terphenyl-d14
Concen: 5.459 ng
RT: 19.964 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN027993.D
Acq: 02 Oct 2023 18:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:244 Resp: 189264

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.6	9.8
122	12.8	11.4	17.0

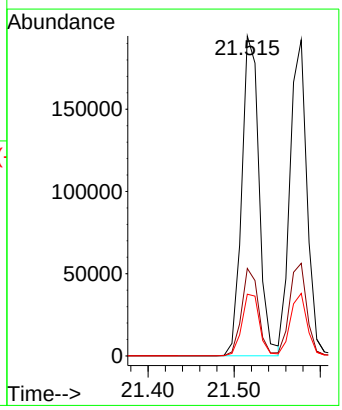


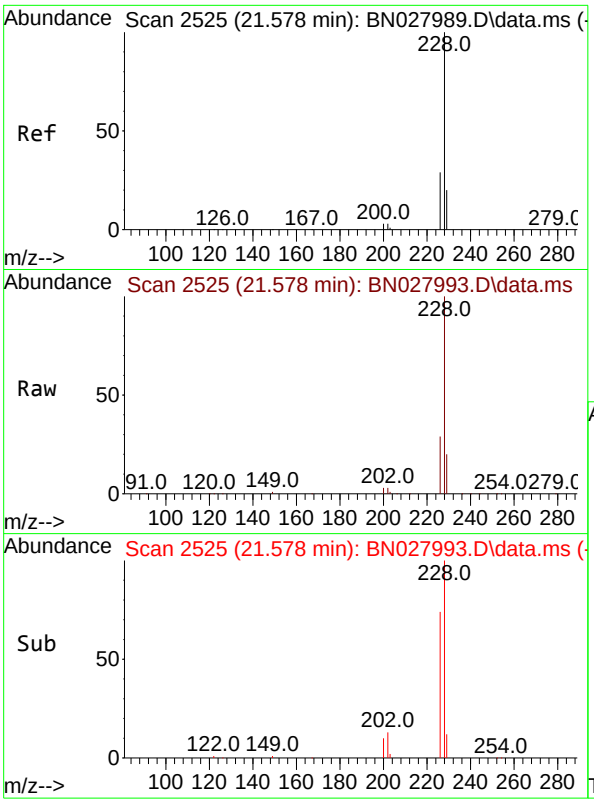


#32
Benzo(a)anthracene
Concen: 5.365 ng
RT: 21.515 min Scan# 2518
Delta R.T. -0.000 min
Lab File: BN027993.D
Acq: 02 Oct 2023 18:42

Tgt Ion:228 Resp: 272020

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.0	33.0
229	19.3	16.0	24.0



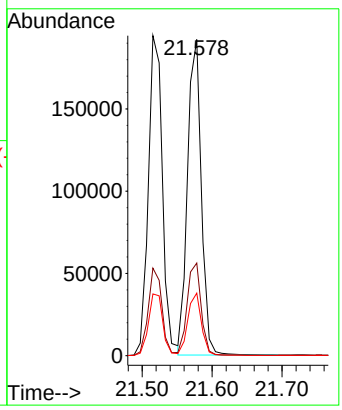


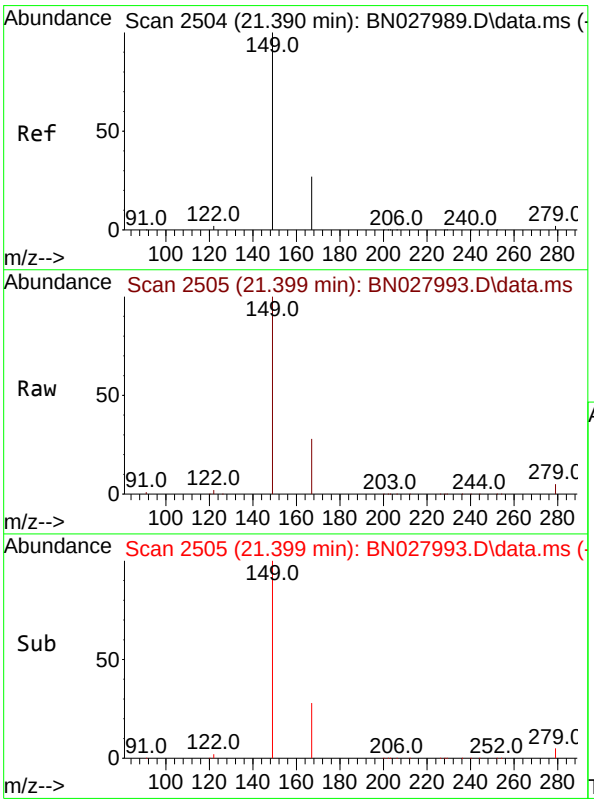
#33
Chrysene
Concen: 5.365 ng
RT: 21.578 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN027993.D
Acq: 02 Oct 2023 18:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:228 Resp: 262147

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.8	35.8
229	19.8	16.6	25.0

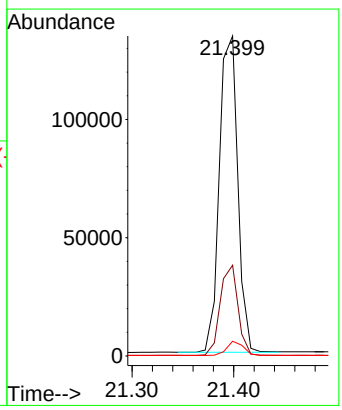


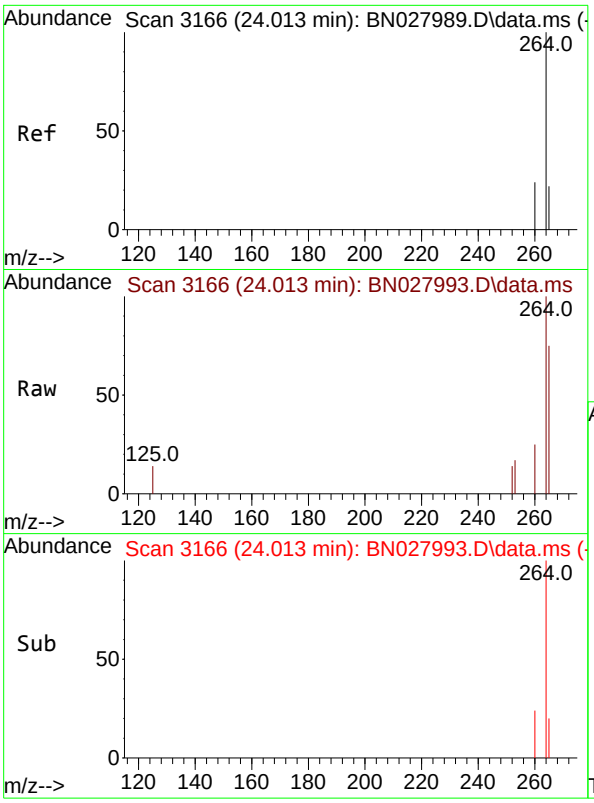


#34
Bis(2-ethylhexyl)phthalate
Concen: 4.620 ng
RT: 21.399 min Scan# 2505
Delta R.T. 0.009 min
Lab File: BN027993.D
Acq: 02 Oct 2023 18:42

Tgt Ion:149 Resp: 168196

Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.1	33.1
279	4.1	3.4	5.0



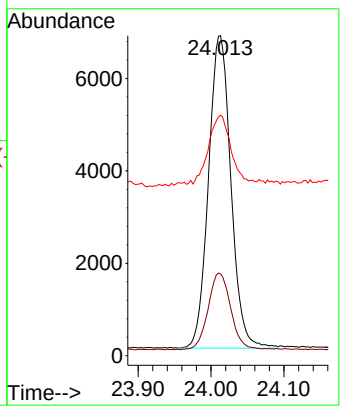


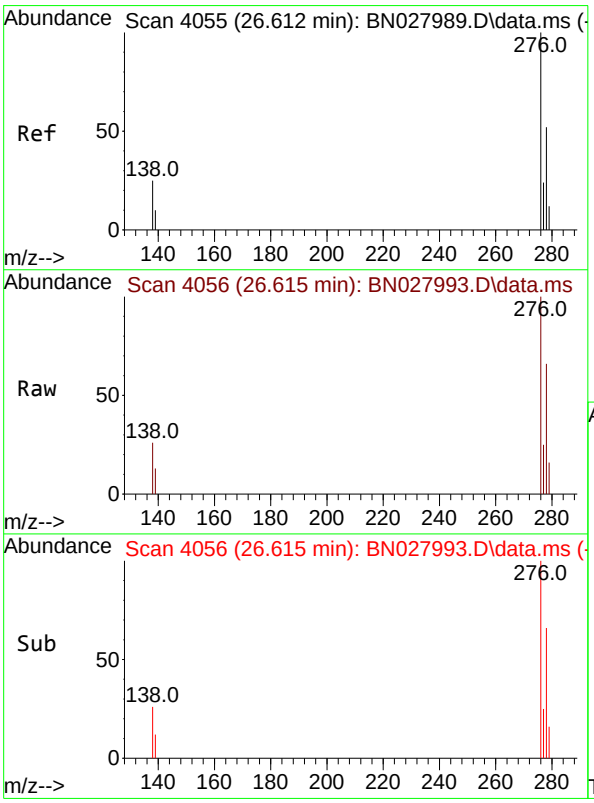
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.013 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN027993.D
Acq: 02 Oct 2023 18:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:264 Resp: 14441

Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.2	30.4
265	75.1	54.8	82.2

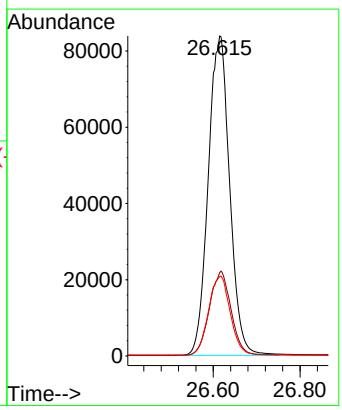


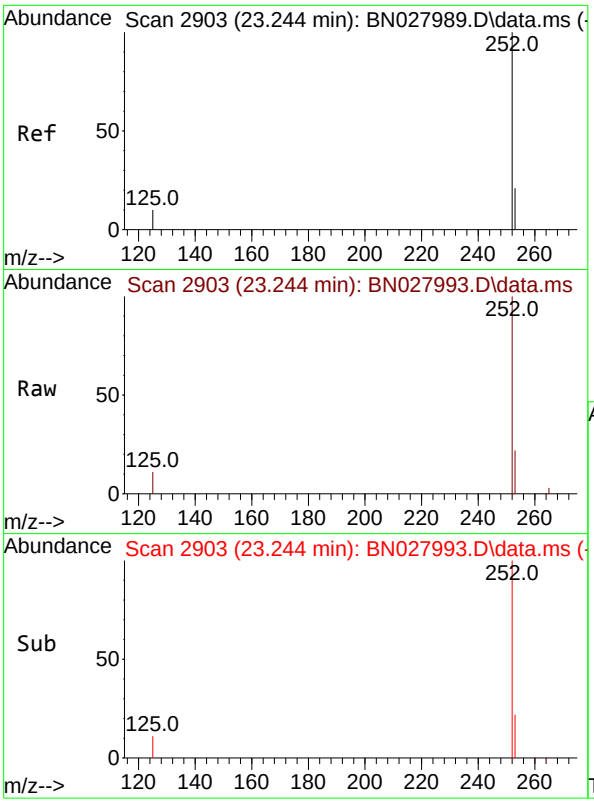


#36
Indeno(1,2,3-cd)pyrene
Concen: 6.102 ng
RT: 26.615 min Scan# 4056
Delta R.T. 0.003 min
Lab File: BN027993.D
Acq: 02 Oct 2023 18:42

Tgt Ion:276 Resp: 287341

Ion	Ratio	Lower	Upper
276	100		
138	26.6	20.9	31.3
277	25.1	19.8	29.6



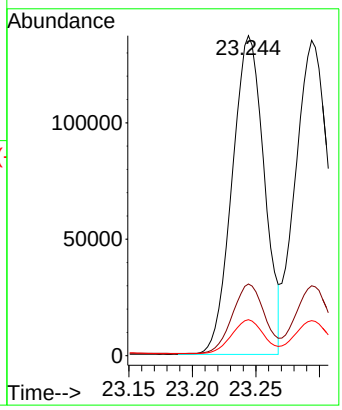


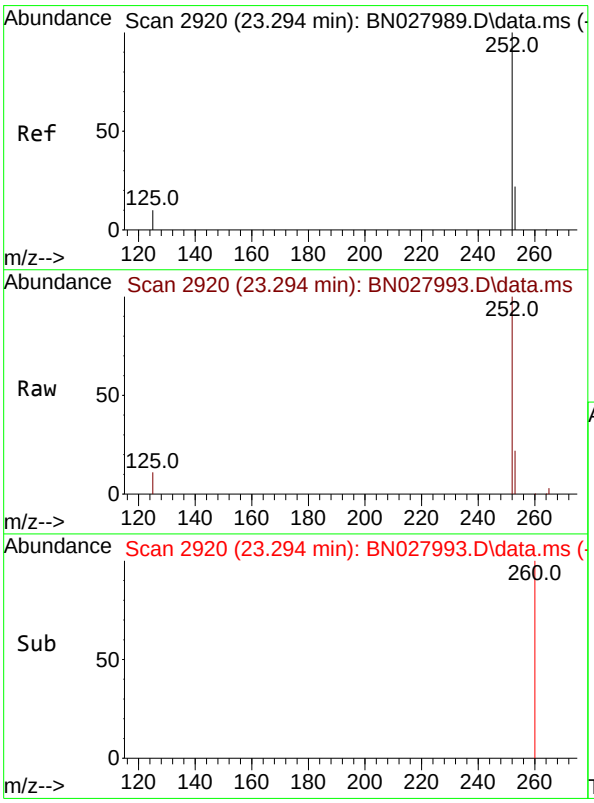
#37
Benzo(b)fluoranthene
Concen: 5.185 ng
RT: 23.244 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN027993.D
Acq: 02 Oct 2023 18:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:252 Resp: 240564

Ion	Ratio	Lower	Upper
252	100		
253	22.4	22.9	34.3#
125	11.3	13.8	20.8#

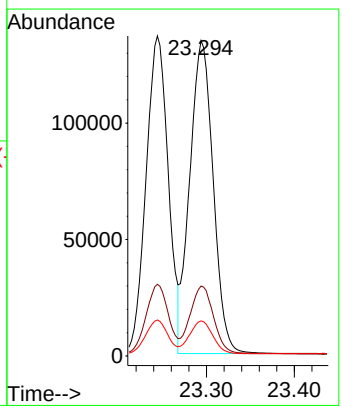


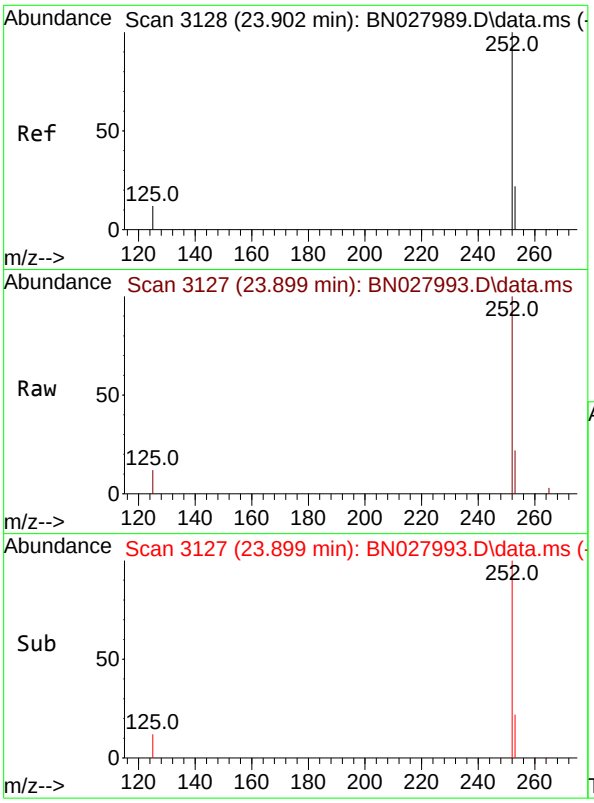


#38
Benzo(k)fluoranthene
Concen: 5.308 ng
RT: 23.294 min Scan# 2920
Delta R.T. -0.000 min
Lab File: BN027993.D
Acq: 02 Oct 2023 18:42

Tgt Ion:252 Resp: 248904

Ion	Ratio	Lower	Upper
252	100		
253	22.2	23.1	34.7#
125	11.1	13.8	20.8#



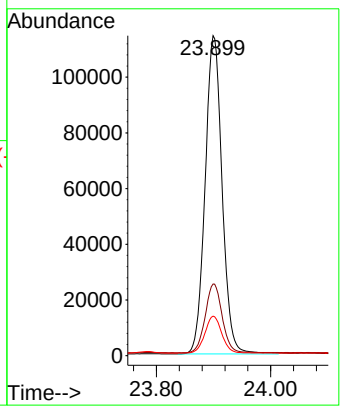


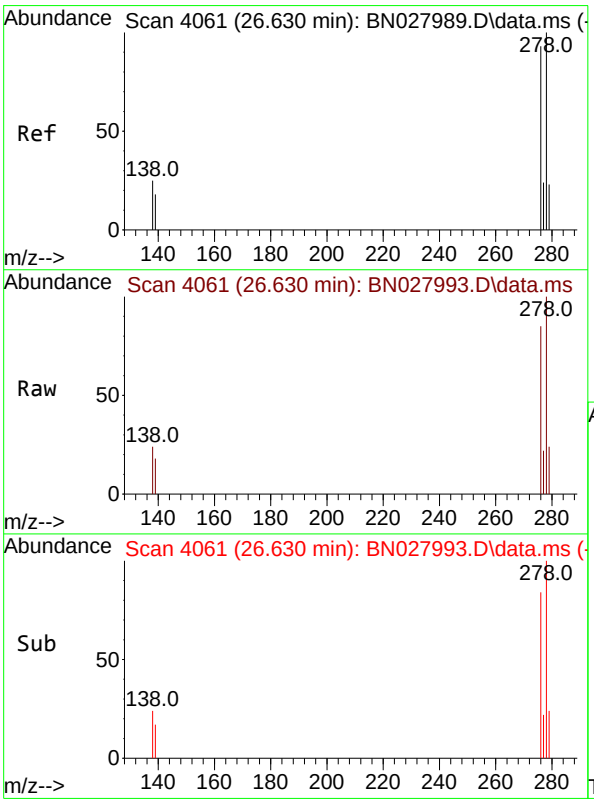
#39
Benzo(a)pyrene
Concen: 5.408 ng
RT: 23.899 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN027993.D
Acq: 02 Oct 2023 18:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:252 Resp: 235756

Ion	Ratio	Lower	Upper
252	100		
253	22.4	25.0	37.4#
125	12.4	16.6	24.8#

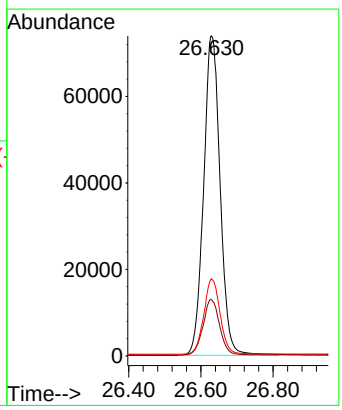


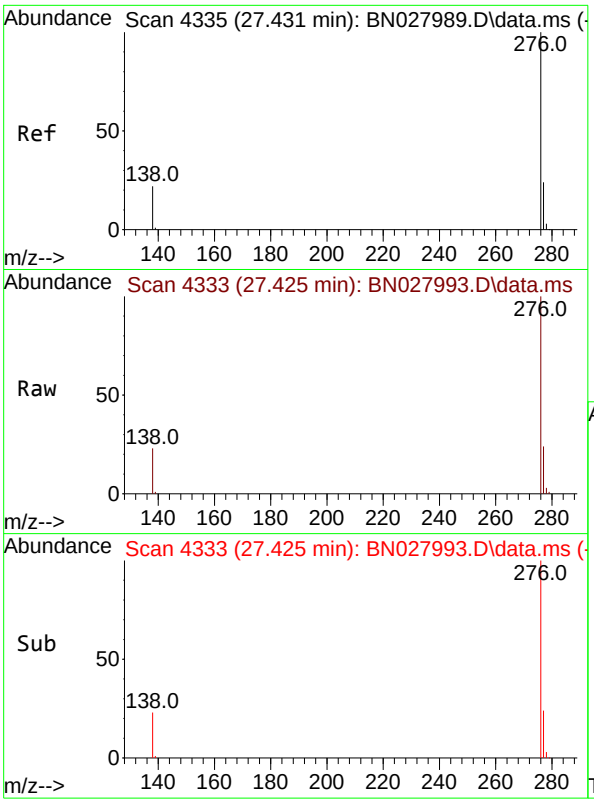


#40
Dibenzo(a,h)anthracene
Concen: 6.104 ng
RT: 26.630 min Scan# 4061
Delta R.T. -0.000 min
Lab File: BN027993.D
Acq: 02 Oct 2023 18:42

Tgt Ion:278 Resp: 235123

Ion	Ratio	Lower	Upper
278	100		
139	17.6	17.7	26.5#
279	24.1	25.2	37.8#





#41
Benzo(g,h,i)perylene
Concen: 6.158 ng
RT: 27.425 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN027993.D
Acq: 02 Oct 2023 18:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:276 Resp: 243133

Ion	Ratio	Lower	Upper
276	100		
277	24.4	22.1	33.1
138	23.4	20.8	31.2