Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112522\
Data File : BN022867.D
Acq On : 25 Nov 2022 19:09
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN112522

Quant Time: Nov 25 22:57:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 25 22:56:22 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.071	152	7931	0.400	ng		0.00
7) Naphthalene-d8	10.893	136	21692	0.400	ng		0.00
13) Acenaphthene-d10	14.709	164	12242	0.400	ng		0.00
19) Phenanthrene-d10	17.452	188	26932	0.400	ng		0.00
29) Chrysene-d12	21.638	240	20276	0.400	ng	#	0.00
35) Perylene-d12	24.134	264	16628	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.601	112	8384	0.407	ng		0.00
5) Phenol-d6	7.212	99	10801	0.411	ng		0.00
8) Nitrobenzene-d5	9.228	82	7120	0.423	ng		-0.01
11) 2-Methylnaphthalene-d10	12.477	152	18655	0.397	ng		0.00
14) 2,4,6-Tribromophenol	16.198	330	2120	0.359	ng		0.00
15) 2-Fluorobiphenyl	13.341	172	24870	0.444	ng		0.00
27) Fluoranthene-d10	19.481	212	30003	0.410	ng		0.00
31) Terphenyl-d14	20.080	244	19361	0.406	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.449	88	4009	0.398	ng		99
3) n-Nitrosodimethylamine	3.774	42	4118	0.380	ng	#	97
6) bis(2-Chloroethyl)ether	7.486	93	10438	0.423	ng		99
9) Naphthalene	10.947	128	27671	0.414	ng		99
10) Hexachlorobutadiene	11.235	225	5741	0.419	ng	#	99
12) 2-Methylnaphthalene	12.159	142	4914	0.360	ng		99
16) Acenaphthylene	14.431	152	25698	0.396	ng		99
17) Acenaphthene	14.773	154	17727	0.416	ng		100
18) Fluorene	15.751	166	22615	0.414	ng		97
20) 4,6-Dinitro-2-methylph...	15.813	198	1036	0.344	ng		93
21) 4-Bromophenyl-phenylether	16.645	248	7963	0.410	ng		95
22) Hexachlorobenzene	16.757	284	10072	0.424	ng		99
23) Atrazine	16.906	200	5094	0.372	ng		98
24) Pentachlorophenol	17.104	266	2034	0.313	ng		98
25) Phenanthrene	17.501	178	39055	0.417	ng		100
26) Anthracene	17.588	178	32177	0.396	ng		100
28) Fluoranthene	19.511	202	41393	0.416	ng		100
30) Pyrene	19.873	202	43043	0.408	ng		98
32) Benzo(a)anthracene	21.620	228	32851	0.401	ng		99
33) Chrysene	21.674	228	36127	0.425	ng		98
34) Bis(2-ethylhexyl)phtha...	21.558	149	11648	0.354	ng		99
36) Indeno(1,2,3-cd)pyrene	26.753	276	26365	0.382	ng		100
37) Benzo(b)fluoranthene	23.370	252	28393	0.383	ng		99
38) Benzo(k)fluoranthene	23.423	252	32925	0.410	ng		99
39) Benzo(a)pyrene	24.020	252	21151	0.373	ng		99
40) Dibenzo(a,h)anthracene	26.777	278	21495	0.392	ng		100
41) Benzo(g,h,i)perylene	27.554	276	22940	0.389	ng		99

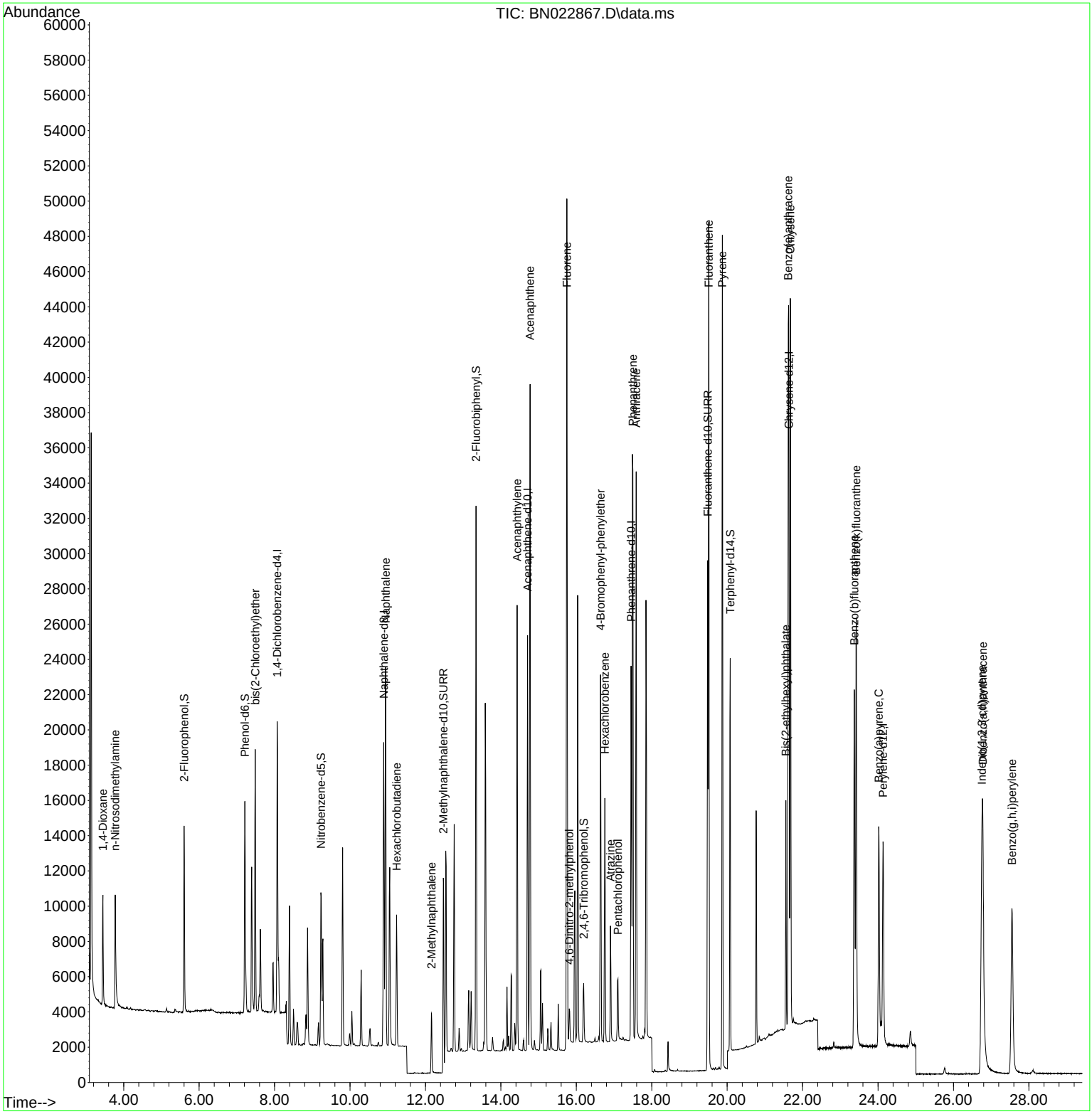
(#) = qualifier out of range (m) = manual integration (+) = signals summed

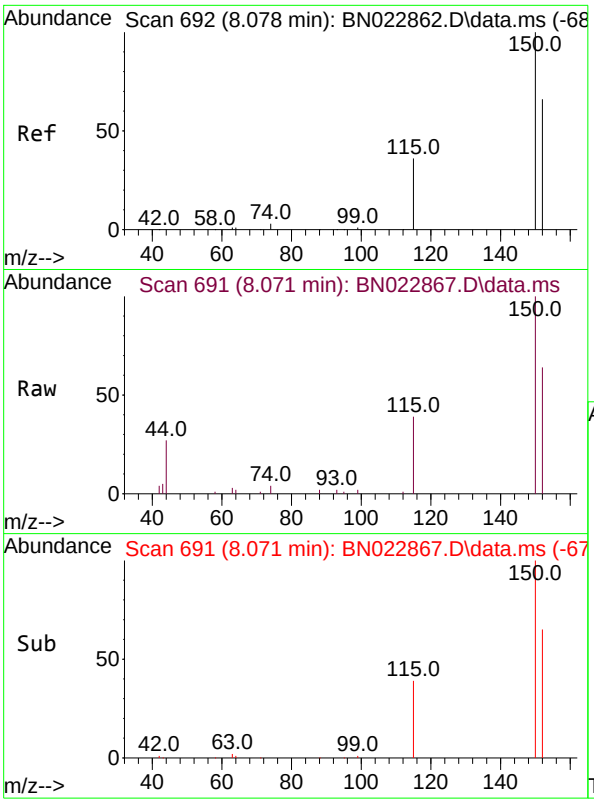
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112522\
Data File : BN022867.D
Acq On : 25 Nov 2022 19:09
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN112522

Quant Time: Nov 25 22:57:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 25 22:56:22 2022
Response via : Initial Calibration



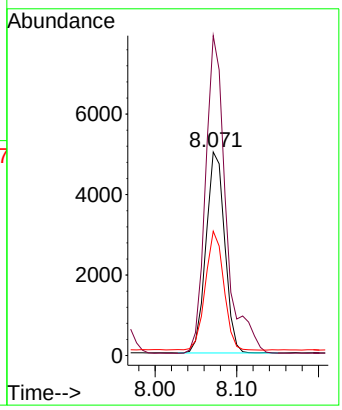


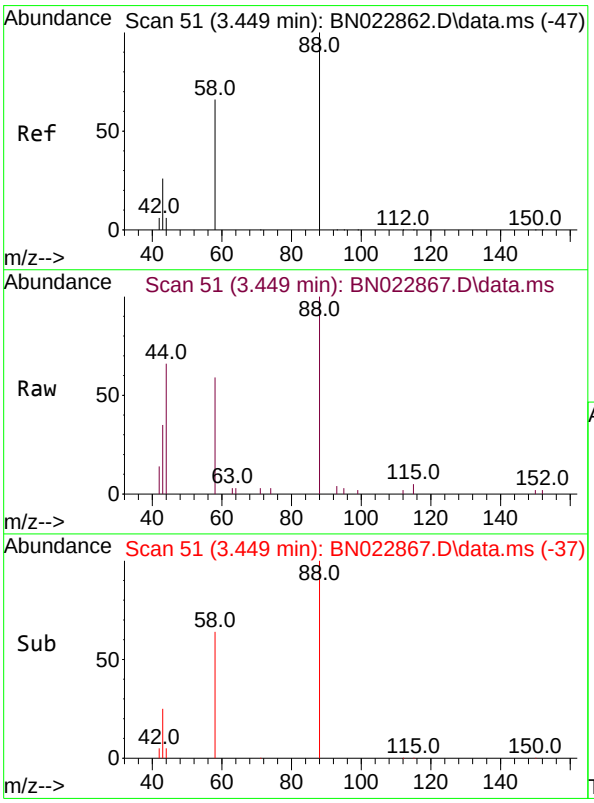
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.071 min Scan# 69
Delta R.T. -0.007 min
Lab File: BN022867.D
Acq: 25 Nov 2022 19:09

Instrument :
BNA_N
ClientSampleId :
ICVBN112522

Tgt Ion:152 Resp: 7931

Ion	Ratio	Lower	Upper
152	100		
150	157.1	121.2	181.8
115	61.1	46.2	69.4

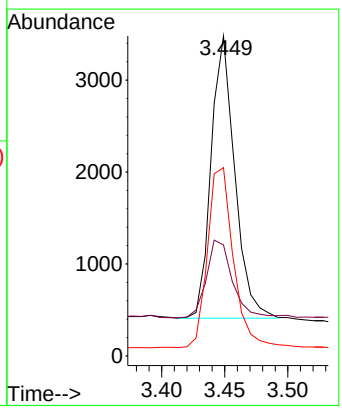


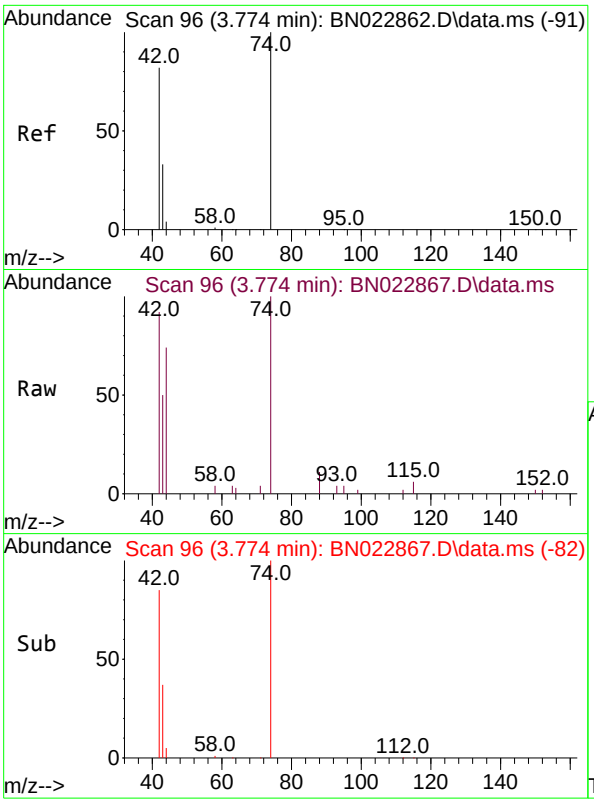


#2
1,4-Dioxane
Concen: 0.398 ng
RT: 3.449 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN022867.D
Acq: 25 Nov 2022 19:09

Tgt Ion: 88 Resp: 4009

Ion	Ratio	Lower	Upper
88	100		
43	30.3	25.4	38.2
58	70.1	56.5	84.7



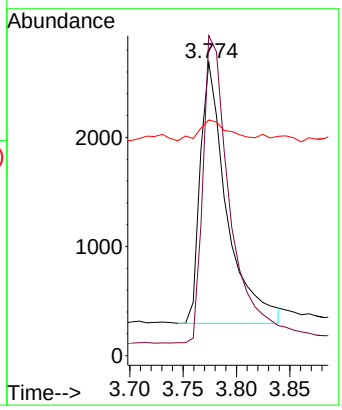


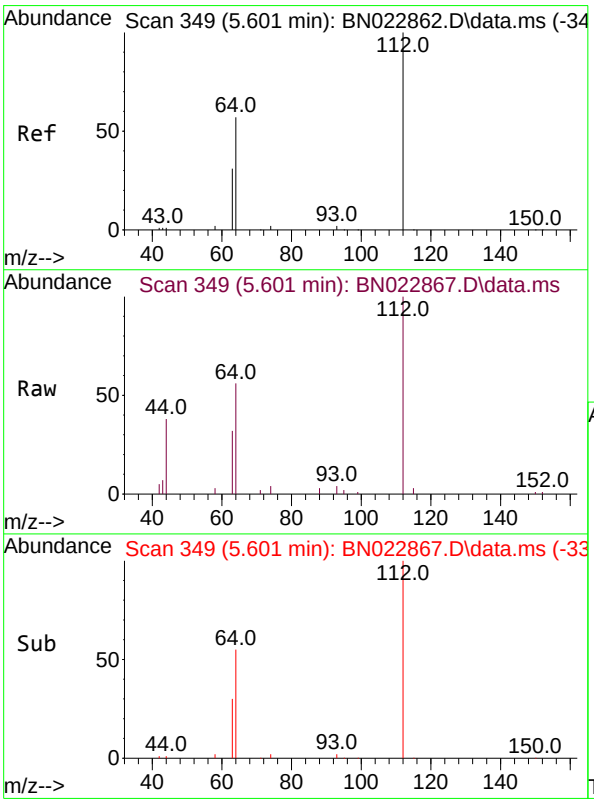
#3
n-Nitrosodimethylamine
Concen: 0.380 ng
RT: 3.774 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN022867.D
Acq: 25 Nov 2022 19:09

Instrument :
BNA_N
ClientSampleId :
ICVBN112522

Tgt Ion: 42 Resp: 4118

Ion	Ratio	Lower	Upper
42	100		
74	121.5	99.3	148.9
44	8.8	5.4	8.2#

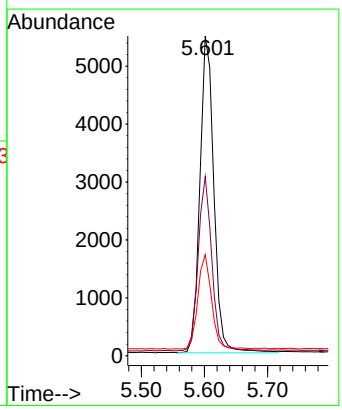


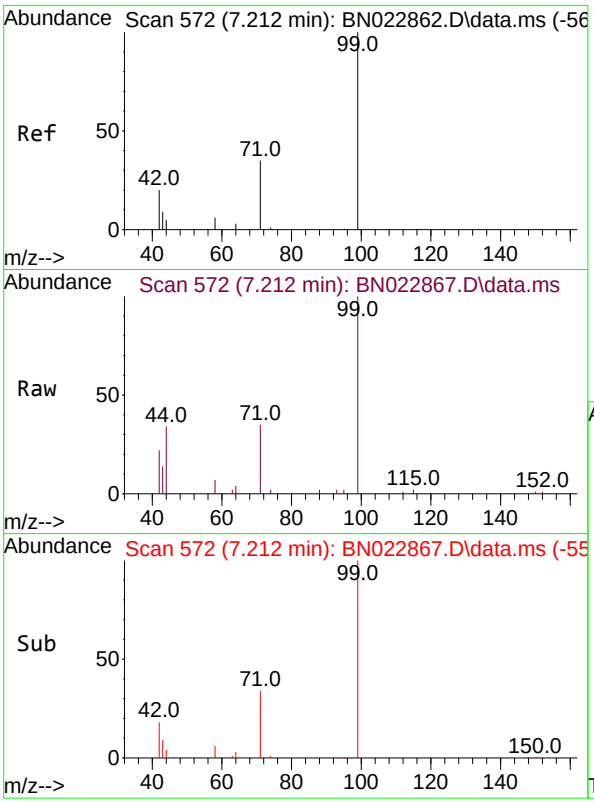


#4
2-Fluorophenol
Concen: 0.407 ng
RT: 5.601 min Scan# 349
Delta R.T. 0.000 min
Lab File: BN022867.D
Acq: 25 Nov 2022 19:09

Tgt Ion:112 Resp: 8384

Ion	Ratio	Lower	Upper
112	100		
64	53.6	43.4	65.2
63	29.1	23.4	35.2



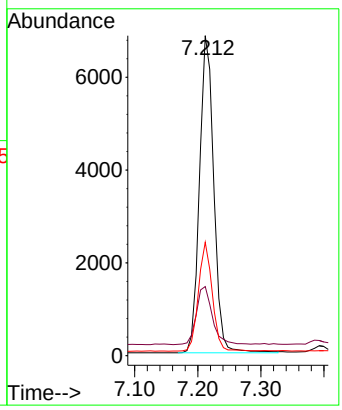


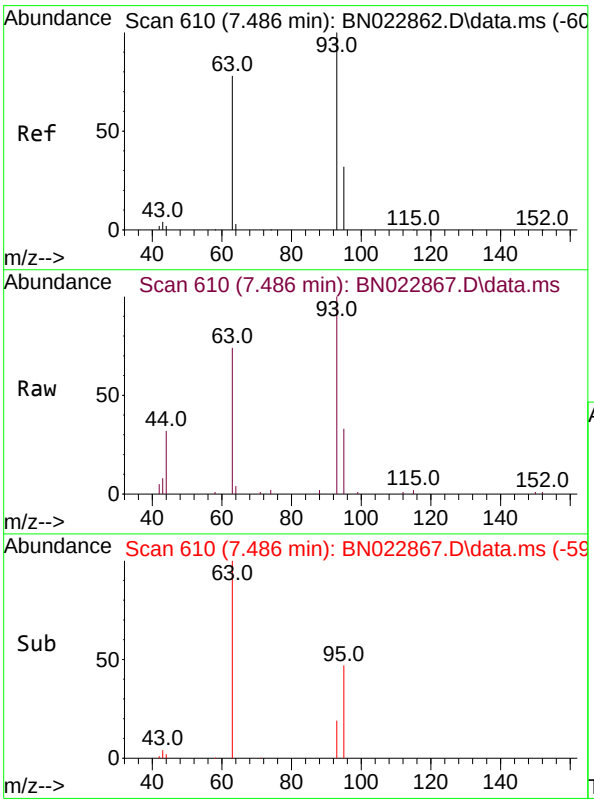
#5
Phenol-d6
Concen: 0.411 ng
RT: 7.212 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN022867.D
Acq: 25 Nov 2022 19:09

Instrument :
BNA_N
ClientSampleId :
ICVBN112522

Tgt Ion: 99 Resp: 10801

Ion	Ratio	Lower	Upper
99	100		
42	20.3	16.0	24.0
71	33.1	26.8	40.2

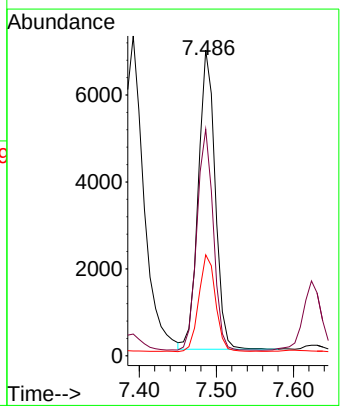


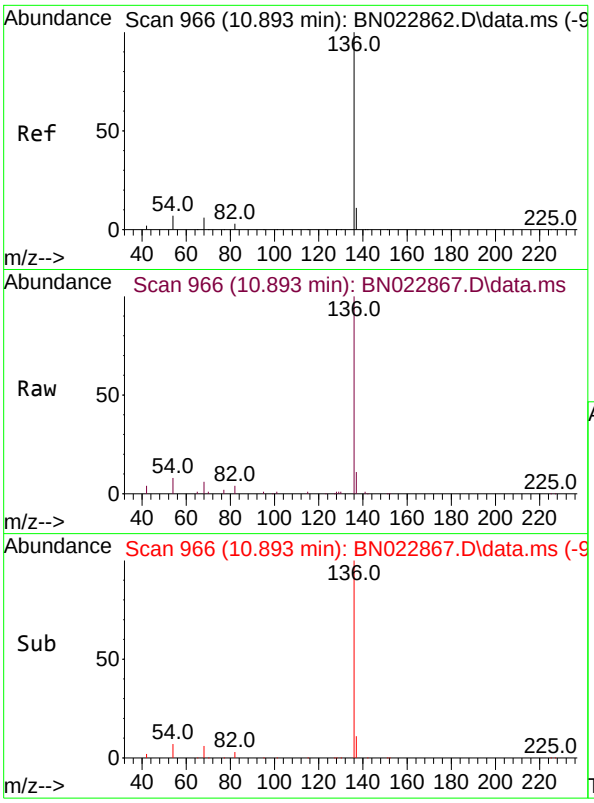


#6
bis(2-Chloroethyl)ether
Concen: 0.423 ng
RT: 7.486 min Scan# 610
Delta R.T. 0.000 min
Lab File: BN022867.D
Acq: 25 Nov 2022 19:09

Tgt Ion: 93 Resp: 10438

Ion	Ratio	Lower	Upper
93	100		
63	71.8	58.3	87.5
95	32.2	25.8	38.6



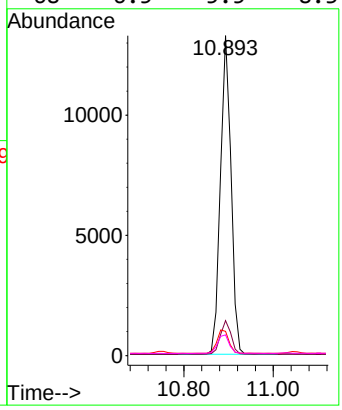


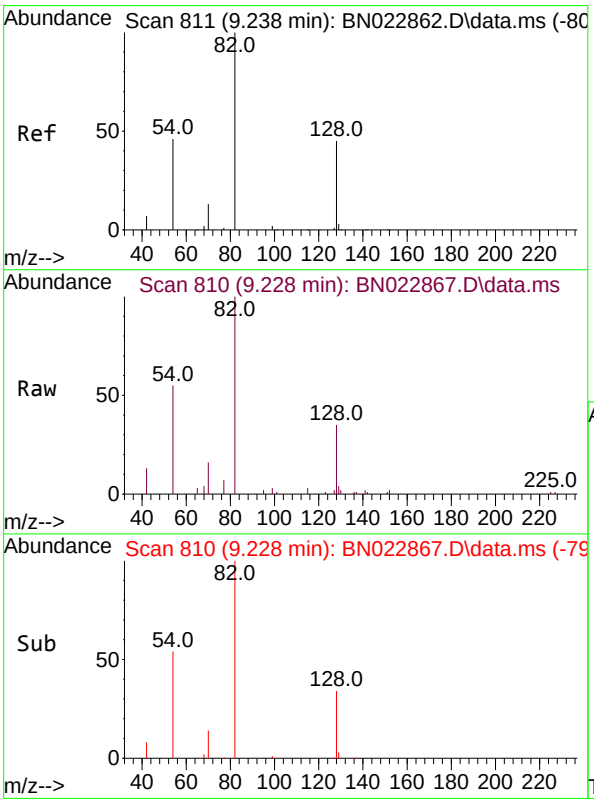
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.893 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN022867.D
Acq: 25 Nov 2022 19:09

Instrument :
BNA_N
ClientSampleId :
ICVBN112522

Tgt Ion:136 Resp: 21692

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	7.6	6.6	9.8
68	6.5	5.5	8.3

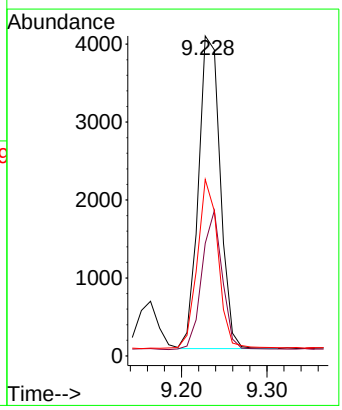


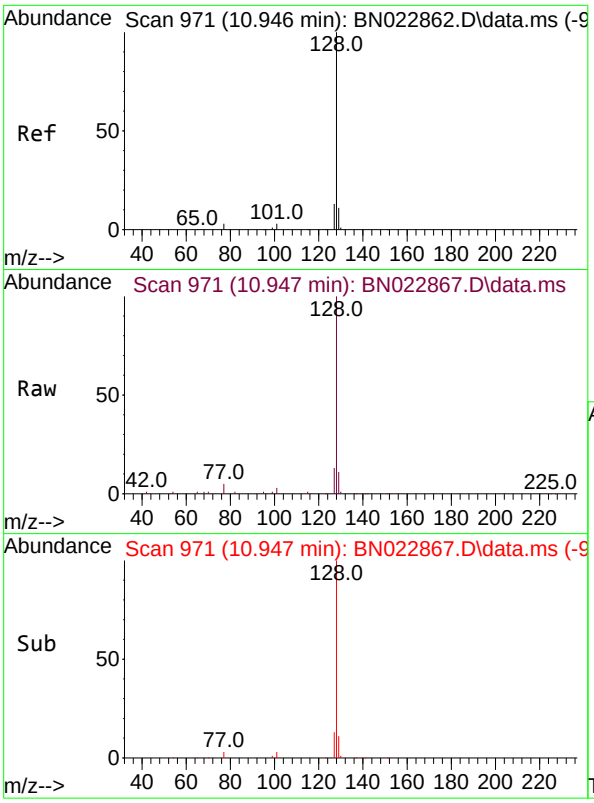


#8
Nitrobenzene-d5
Concen: 0.423 ng
RT: 9.228 min Scan# 810
Delta R.T. -0.011 min
Lab File: BN022867.D
Acq: 25 Nov 2022 19:09

Tgt Ion: 82 Resp: 7120

Ion	Ratio	Lower	Upper
82	100		
128	35.2	36.6	54.8#
54	55.1	38.5	57.7



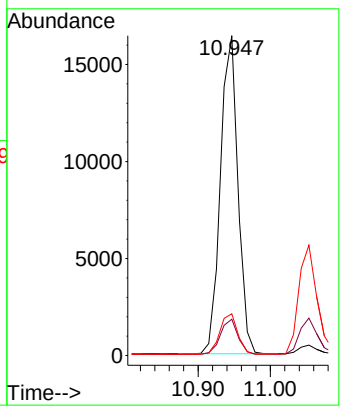


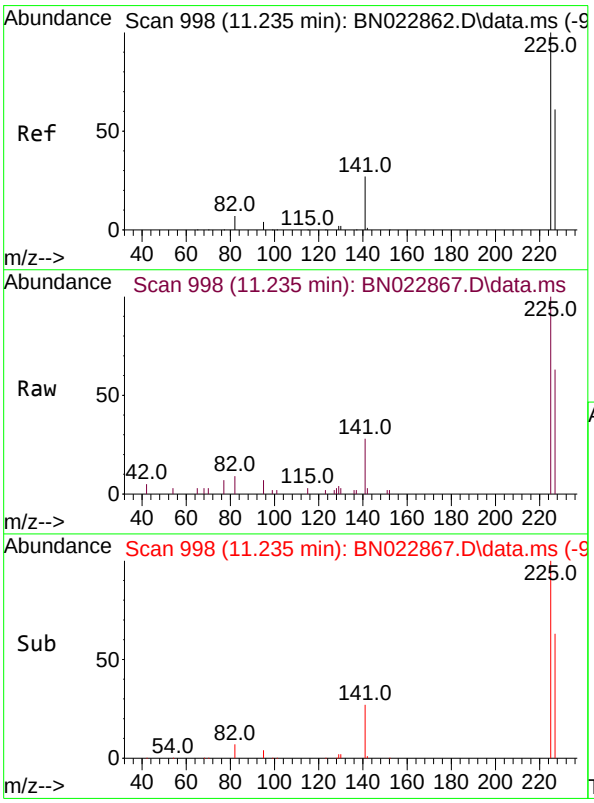
#9
Naphthalene
Concen: 0.414 ng
RT: 10.947 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN022867.D
Acq: 25 Nov 2022 19:09

Instrument :
BNA_N
ClientSampleId :
ICVBN112522

Tgt Ion:128 Resp: 27671

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.4
127	13.1	10.8	16.2

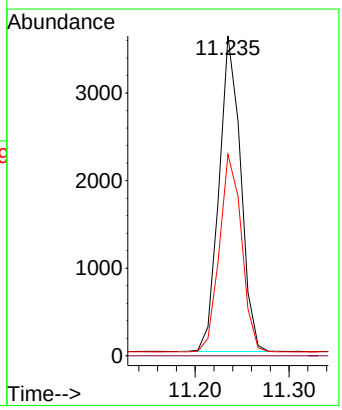


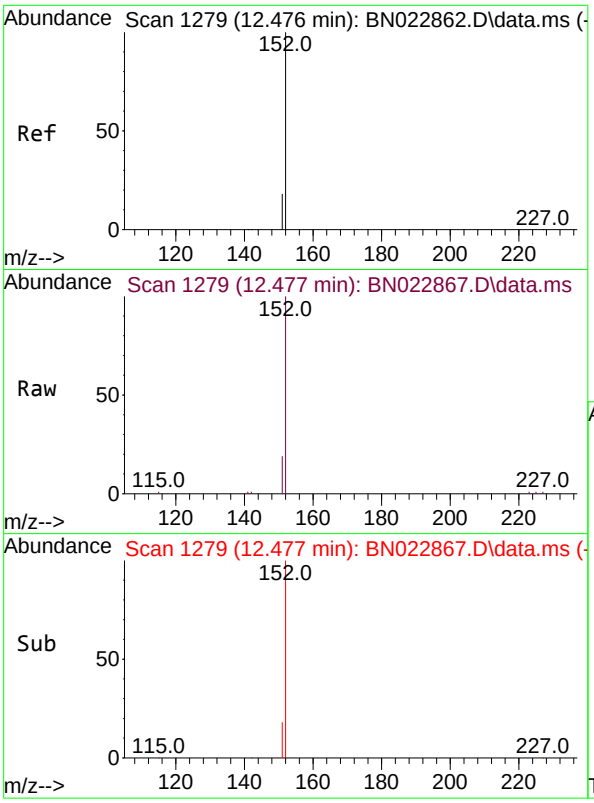


#10
Hexachlorobutadiene
Concen: 0.419 ng
RT: 11.235 min Scan# 998
Delta R.T. 0.000 min
Lab File: BN022867.D
Acq: 25 Nov 2022 19:09

Tgt Ion:225 Resp: 5741

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.2	50.8	76.2



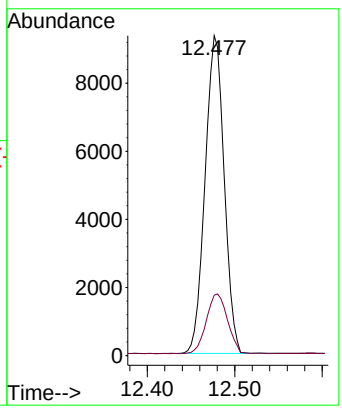


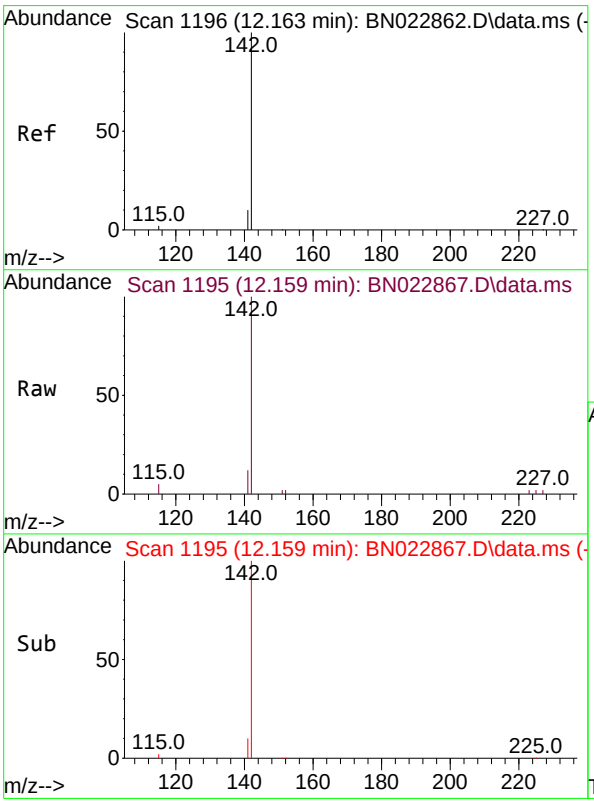
#11
2-Methylnaphthalene-d10
Concen: 0.397 ng
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN022867.D
Acq: 25 Nov 2022 19:09

Instrument :
BNA_N
ClientSampleId :
ICVBN112522

Tgt Ion:152 Resp: 18655

Ion	Ratio	Lower	Upper
152	100		
151	21.2	18.6	27.8

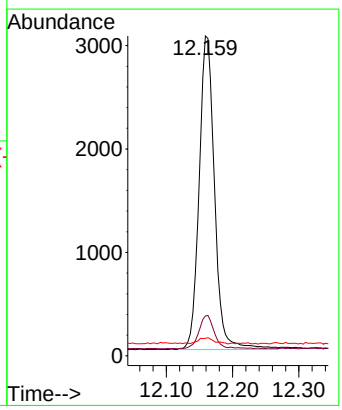


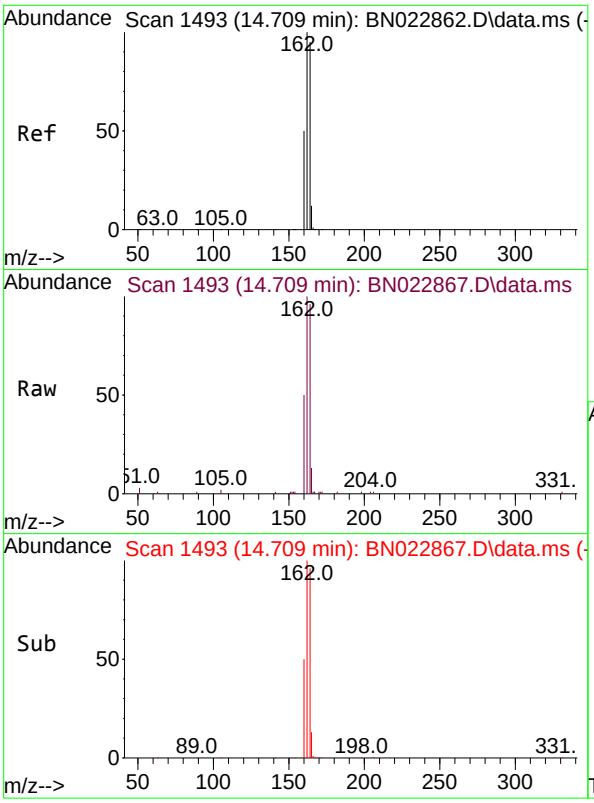


#12
2-Methylnaphthalene
Concen: 0.360 ng
RT: 12.159 min Scan# 1195
Delta R.T. -0.004 min
Lab File: BN022867.D
Acq: 25 Nov 2022 19:09

Tgt Ion:142 Resp: 4914

Ion	Ratio	Lower	Upper
142	100		
141	12.5	10.1	15.1
115	5.5	4.6	7.0



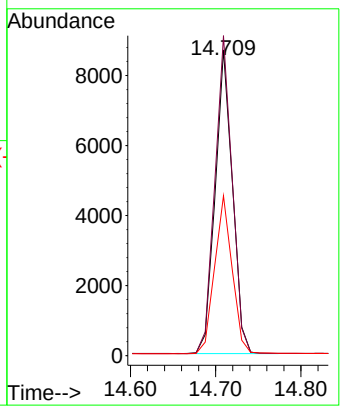


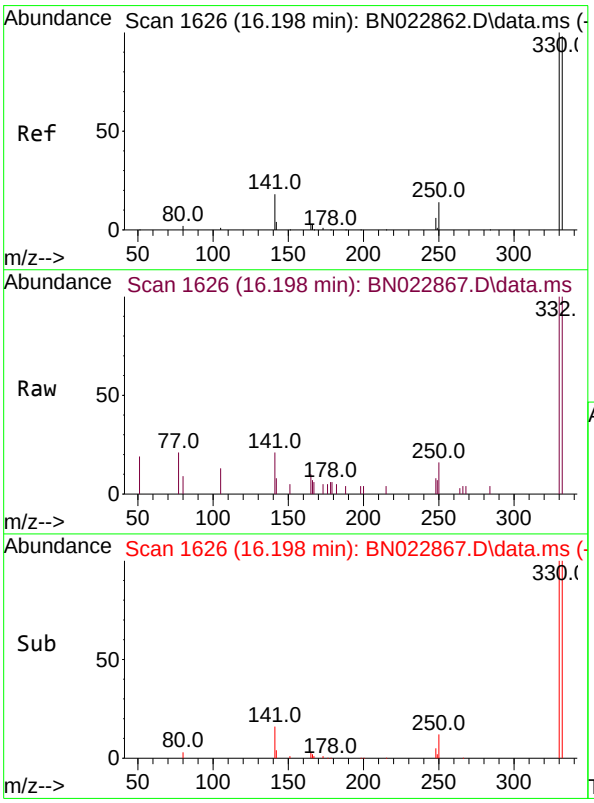
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.709 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN022867.D
Acq: 25 Nov 2022 19:09

Instrument :
BNA_N
ClientSampleId :
ICVBN112522

Tgt Ion:164 Resp: 12242

Ion	Ratio	Lower	Upper
164	100		
162	104.7	84.2	126.4
160	52.3	42.5	63.7

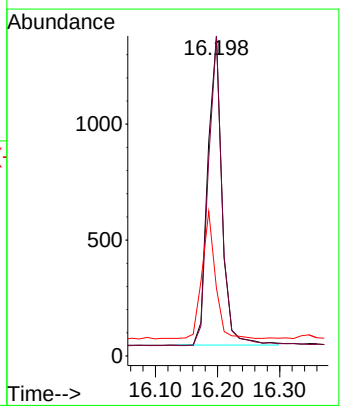


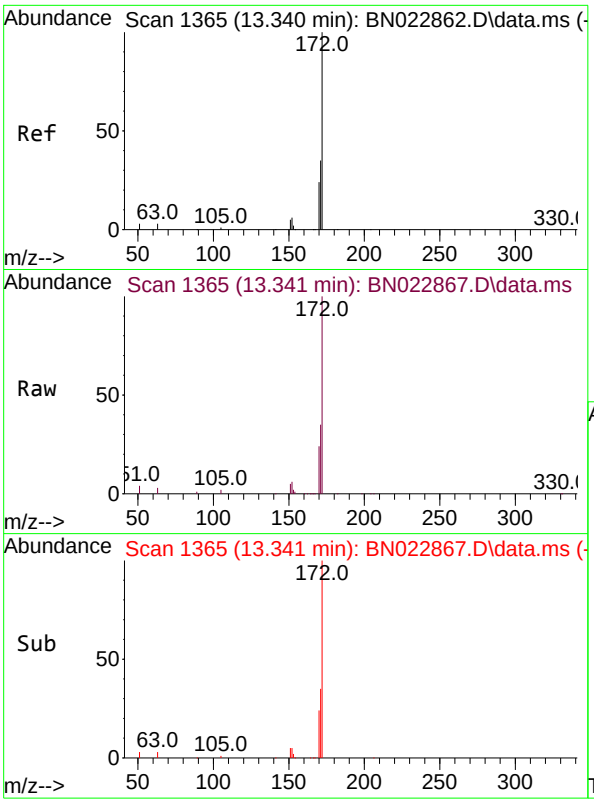


#14
2,4,6-Tribromophenol
Concen: 0.359 ng
RT: 16.198 min Scan# 1626
Delta R.T. 0.000 min
Lab File: BN022867.D
Acq: 25 Nov 2022 19:09

Tgt Ion:330 Resp: 2120

Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.5	114.7
141	38.1	32.6	48.8



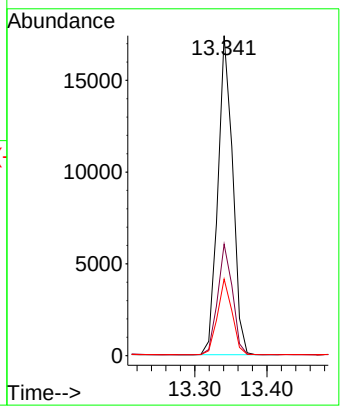


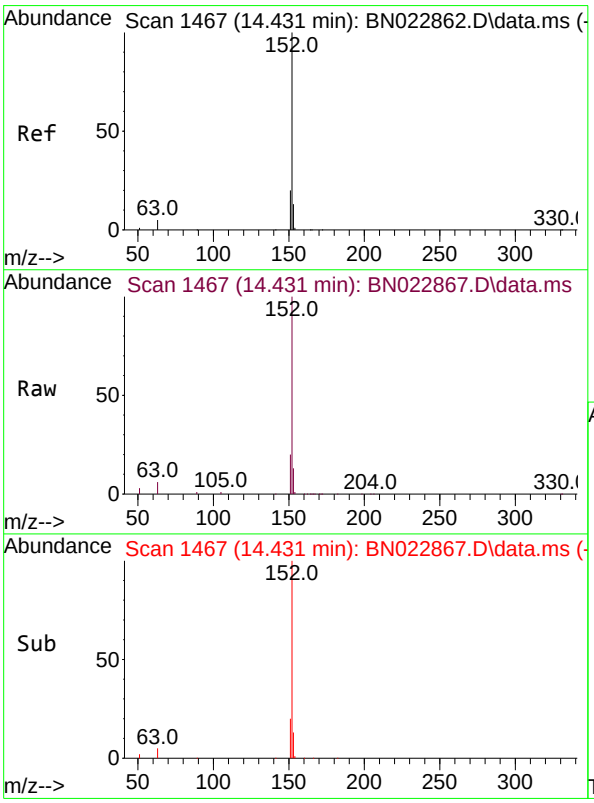
#15
2-Fluorobiphenyl
Concen: 0.444 ng
RT: 13.341 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022867.D
Acq: 25 Nov 2022 19:09

Instrument :
BNA_N
ClientSampleId :
ICVBN112522

Tgt Ion:172 Resp: 24870

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.2	42.4
170	23.9	19.3	28.9

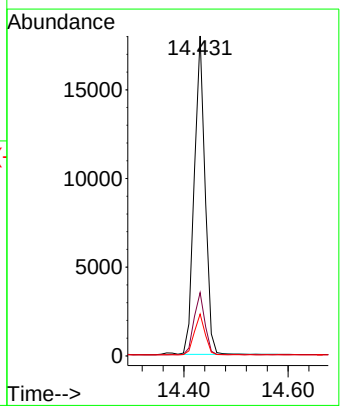


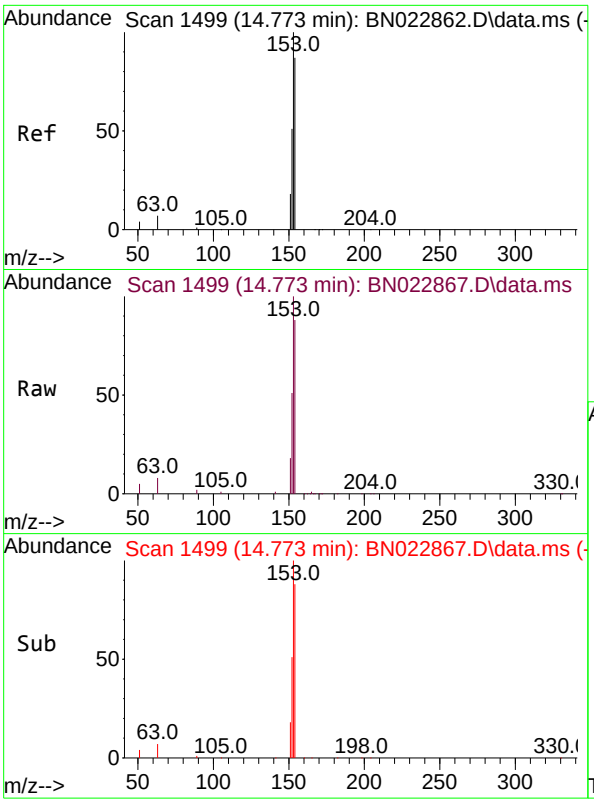


#16
Acenaphthylene
Concen: 0.396 ng
RT: 14.431 min Scan# 1467
Delta R.T. 0.000 min
Lab File: BN022867.D
Acq: 25 Nov 2022 19:09

Tgt Ion:152 Resp: 25698

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.1	24.1
153	12.9	10.5	15.7



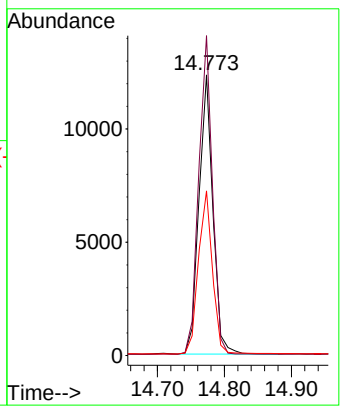


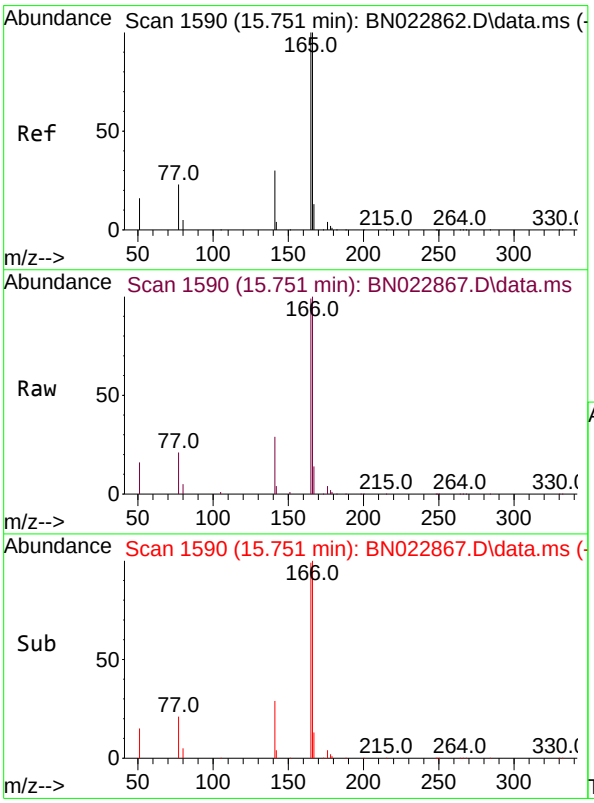
#17
Acenaphthene
Concen: 0.416 ng
RT: 14.773 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN022867.D
Acq: 25 Nov 2022 19:09

Instrument :
BNA_N
ClientSampleId :
ICVBN112522

Tgt Ion:154 Resp: 17727

Ion	Ratio	Lower	Upper
154	100		
153	112.1	90.0	135.0
152	59.3	47.0	70.6

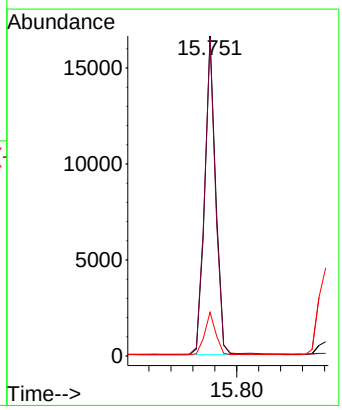


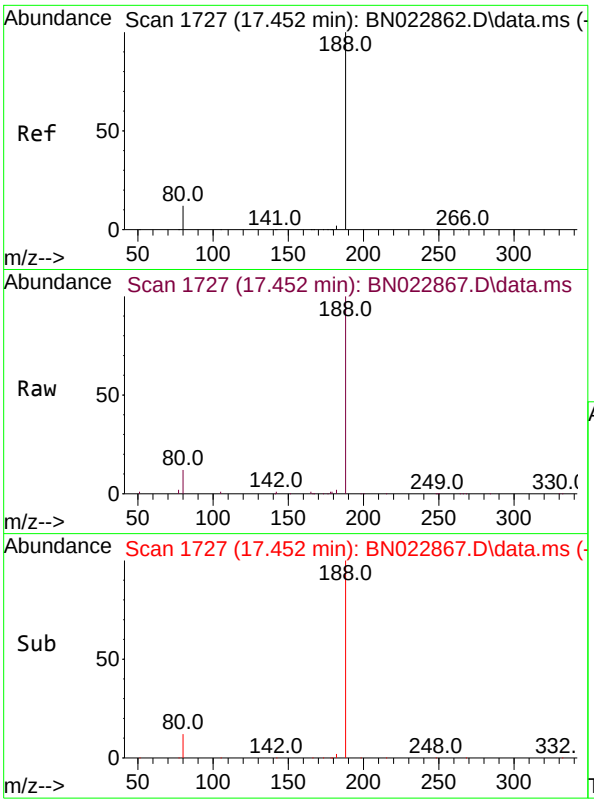


#18
Fluorene
Concen: 0.414 ng
RT: 15.751 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BN022867.D
Acq: 25 Nov 2022 19:09

Tgt Ion:166 Resp: 22615

Ion	Ratio	Lower	Upper
166	100		
165	95.9	79.4	119.0
167	13.3	10.7	16.1



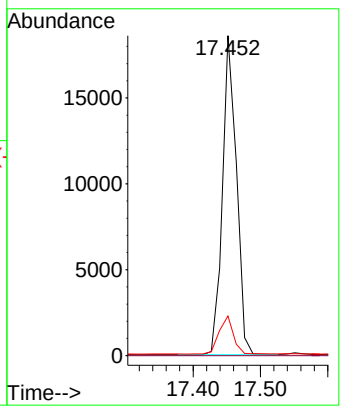


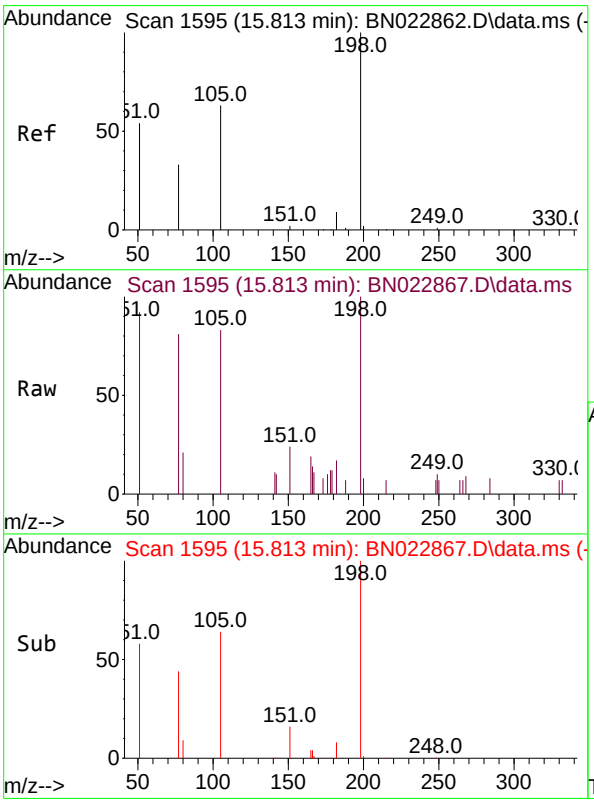
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.452 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022867.D
Acq: 25 Nov 2022 19:09

Instrument :
BNA_N
ClientSampleId :
ICVBN112522

Tgt Ion:188 Resp: 26932

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.4	10.3	15.5

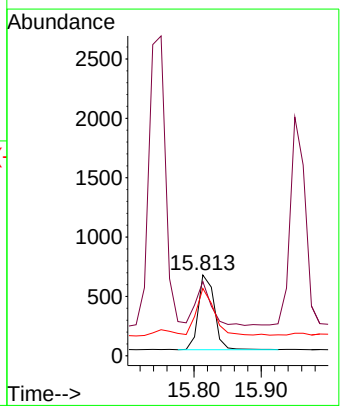


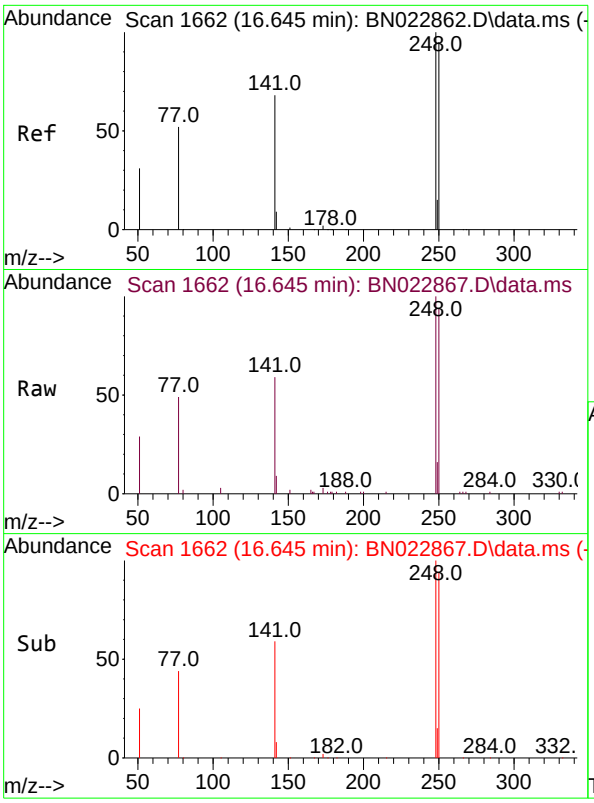


#20
4,6-Dinitro-2-methylphenol
Concen: 0.344 ng
RT: 15.813 min Scan# 1595
Delta R.T. 0.000 min
Lab File: BN022867.D
Acq: 25 Nov 2022 19:09

Tgt Ion:198 Resp: 1036

Ion	Ratio	Lower	Upper
198	100		
51	91.9	80.5	120.7
105	83.4	70.5	105.7



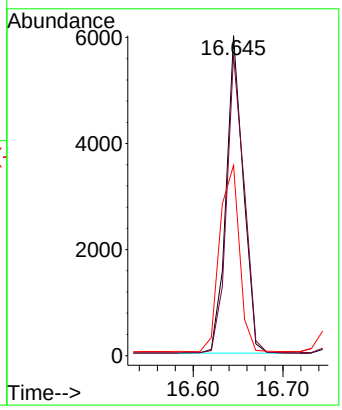


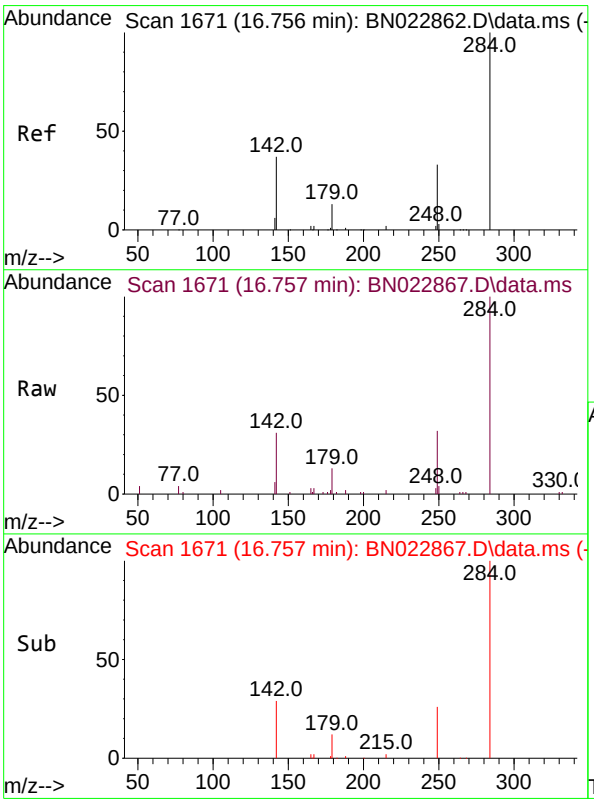
#21
4-Bromophenyl-phenylether
Concen: 0.410 ng
RT: 16.645 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022867.D
Acq: 25 Nov 2022 19:09

Instrument :
BNA_N
ClientSampleId :
ICVBN112522

Tgt Ion:248 Resp: 7963

Ion	Ratio	Lower	Upper
248	100		
250	94.0	75.8	113.6
141	59.5	55.4	83.0

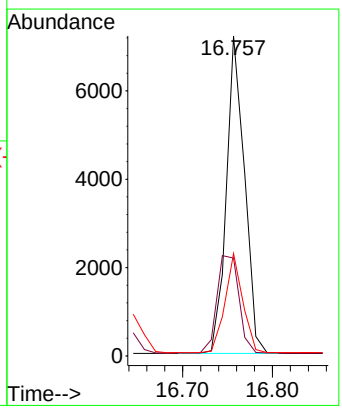


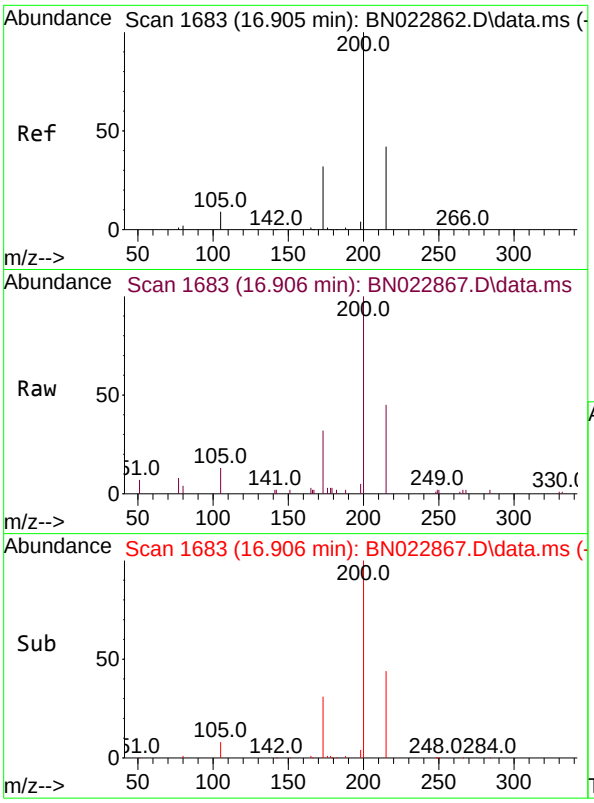


#22
Hexachlorobenzene
Concen: 0.424 ng
RT: 16.757 min Scan# 1671
Delta R.T. 0.000 min
Lab File: BN022867.D
Acq: 25 Nov 2022 19:09

Tgt Ion:284 Resp: 10072

Ion	Ratio	Lower	Upper
284	100		
142	37.1	30.1	45.1
249	30.6	24.5	36.7



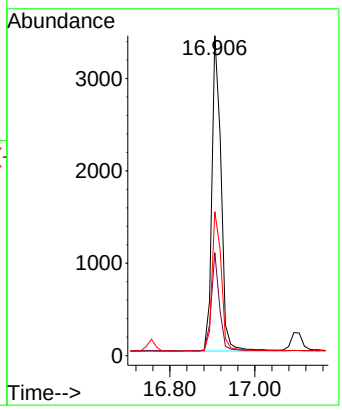


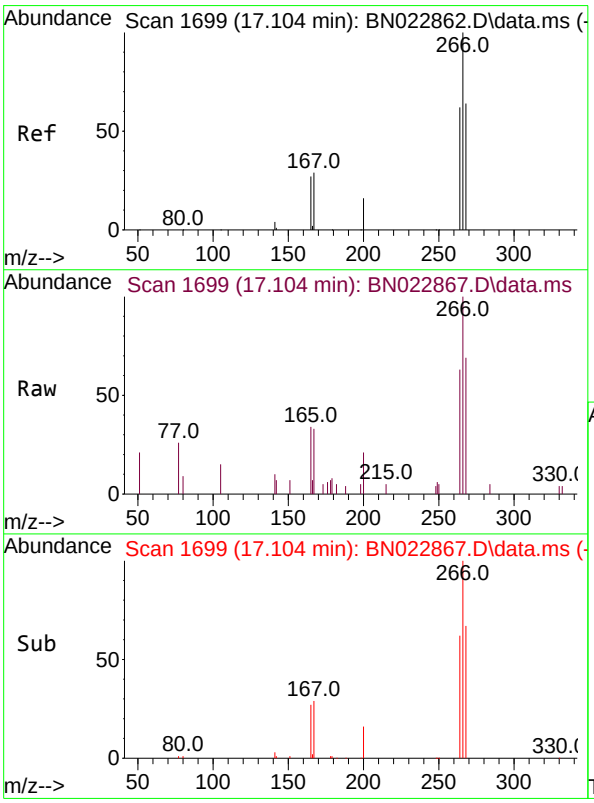
#23
Atrazine
Concen: 0.372 ng
RT: 16.906 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022867.D
Acq: 25 Nov 2022 19:09

Instrument :
BNA_N
ClientSampleId :
ICVBN112522

Tgt Ion:200 Resp: 5094

Ion	Ratio	Lower	Upper
200	100		
173	32.2	26.4	39.6
215	45.0	34.4	51.6

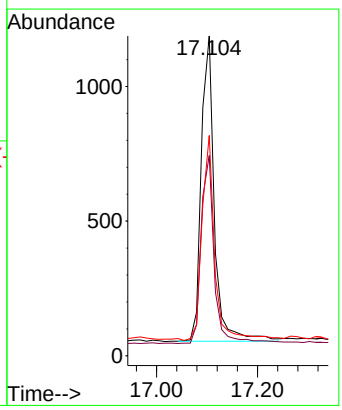


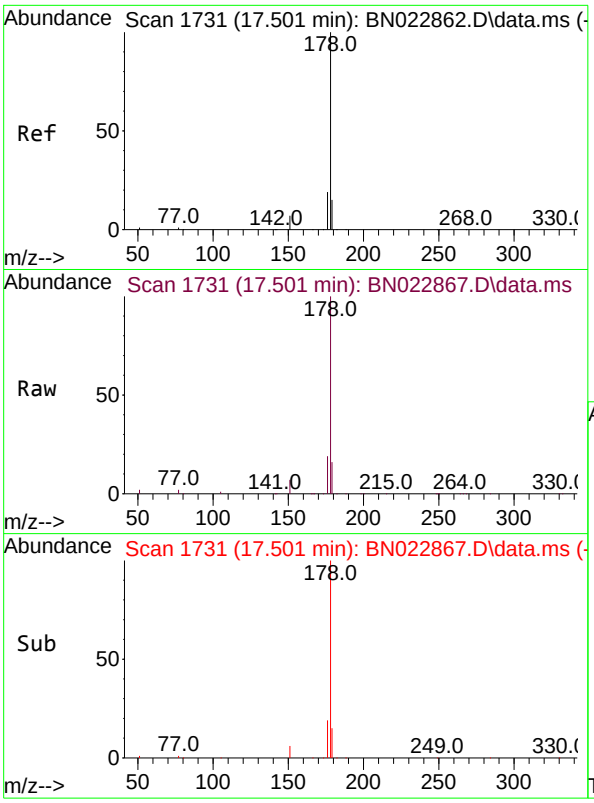


#24
Pentachlorophenol
Concen: 0.313 ng
RT: 17.104 min Scan# 1699
Delta R.T. 0.000 min
Lab File: BN022867.D
Acq: 25 Nov 2022 19:09

Tgt Ion:266 Resp: 2034

Ion	Ratio	Lower	Upper
266	100		
264	61.4	50.0	75.0
268	65.9	50.9	76.3



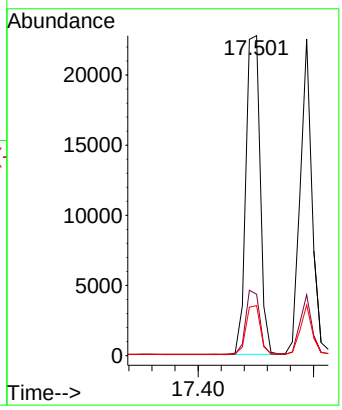


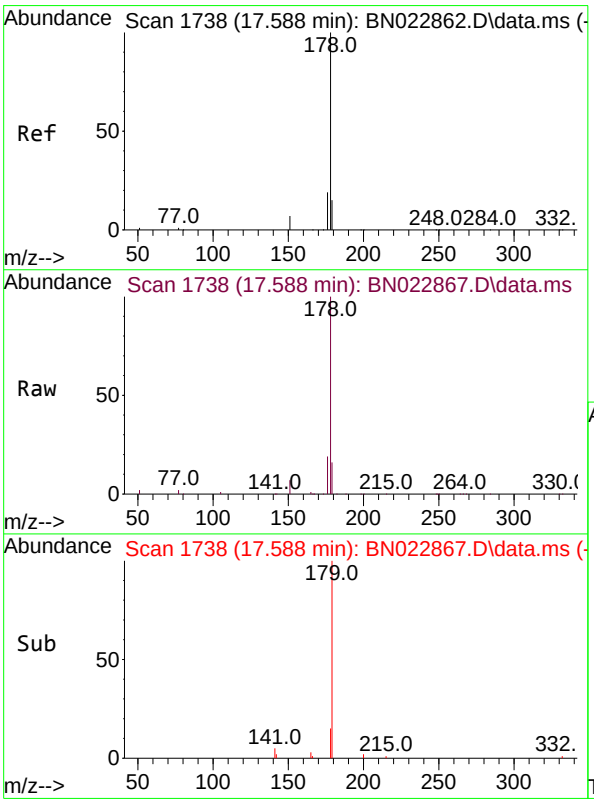
#25
Phenanthrene
Concen: 0.417 ng
RT: 17.501 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022867.D
Acq: 25 Nov 2022 19:09

Instrument :
BNA_N
ClientSampleId :
ICVBN112522

Tgt Ion:178 Resp: 39055

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.6	23.4
179	15.2	12.2	18.2

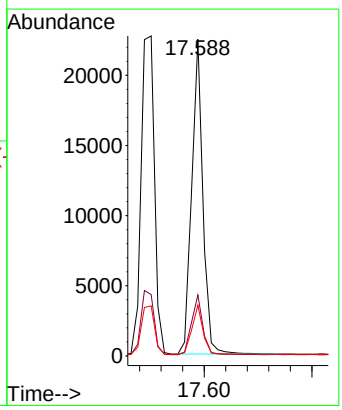


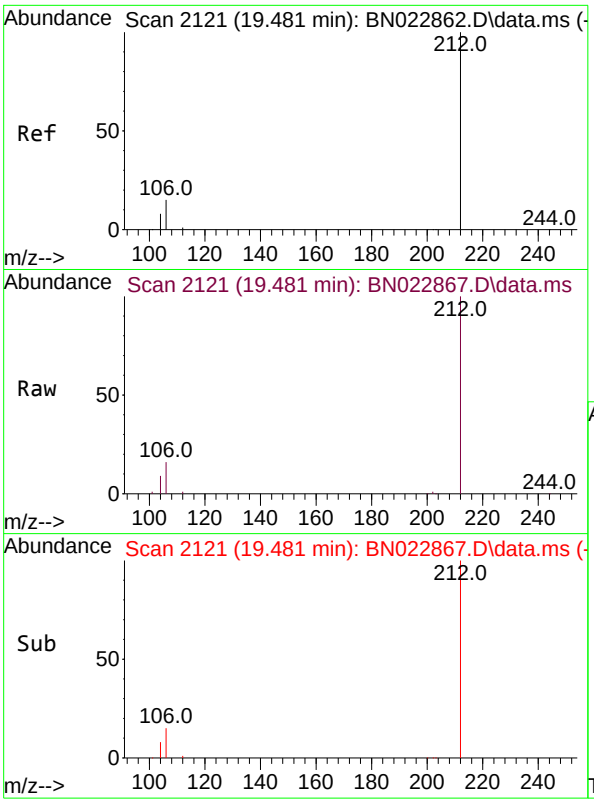


#26
Anthracene
Concen: 0.396 ng
RT: 17.588 min Scan# 1738
Delta R.T. 0.000 min
Lab File: BN022867.D
Acq: 25 Nov 2022 19:09

Tgt Ion:178 Resp: 32177

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.2	22.8
179	15.5	12.2	18.2



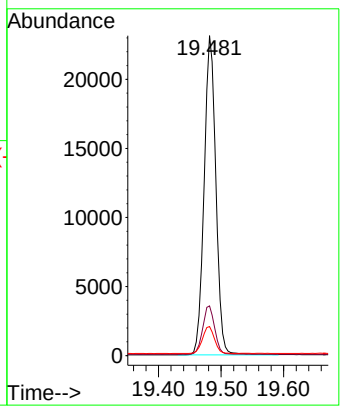


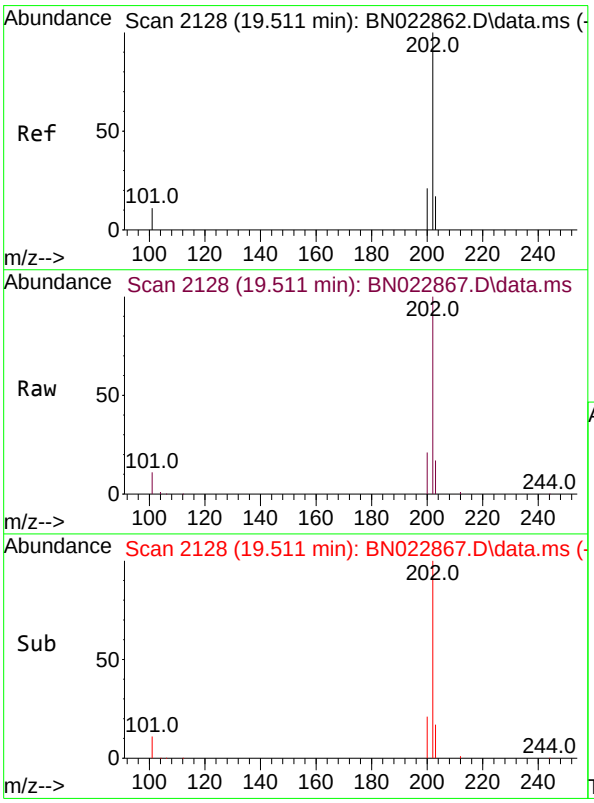
#27
Fluoranthene-d10
Concen: 0.410 ng
RT: 19.481 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN022867.D
Acq: 25 Nov 2022 19:09

Instrument :
BNA_N
ClientSampleId :
ICVBN112522

Tgt Ion:212 Resp: 30003

Ion	Ratio	Lower	Upper
212	100		
106	15.5	12.3	18.5
104	8.6	7.0	10.4

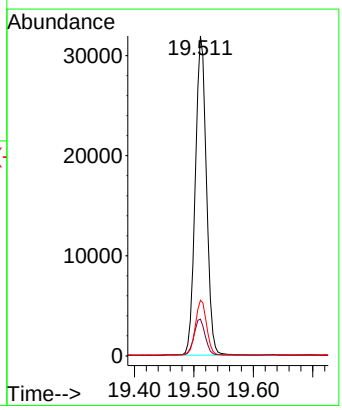


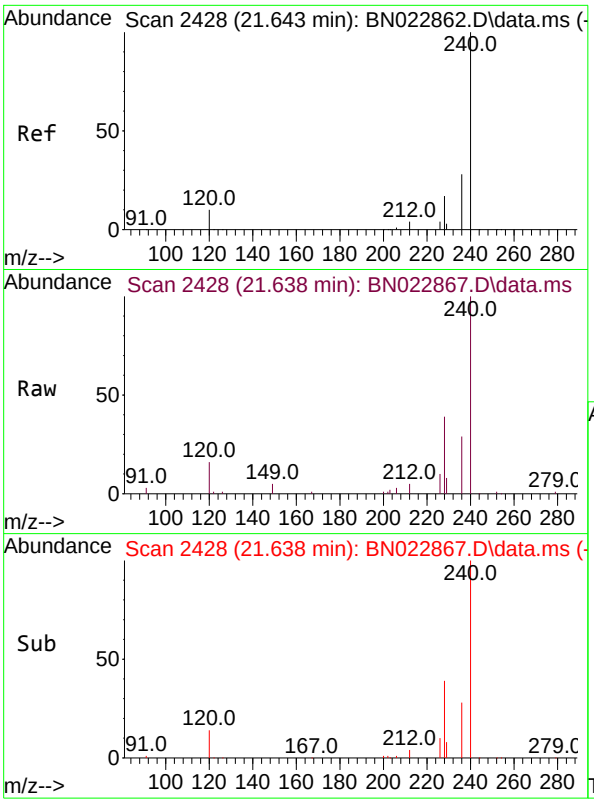


#28
Fluoranthene
Concen: 0.416 ng
RT: 19.511 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BN022867.D
Acq: 25 Nov 2022 19:09

Tgt Ion:202 Resp: 41393

Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.3	13.9
203	17.2	13.7	20.5



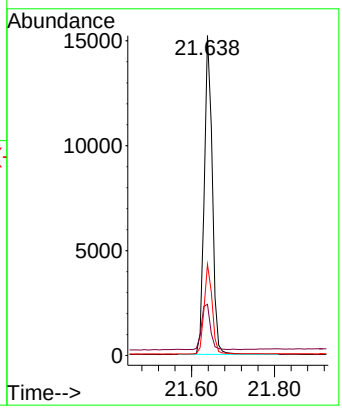


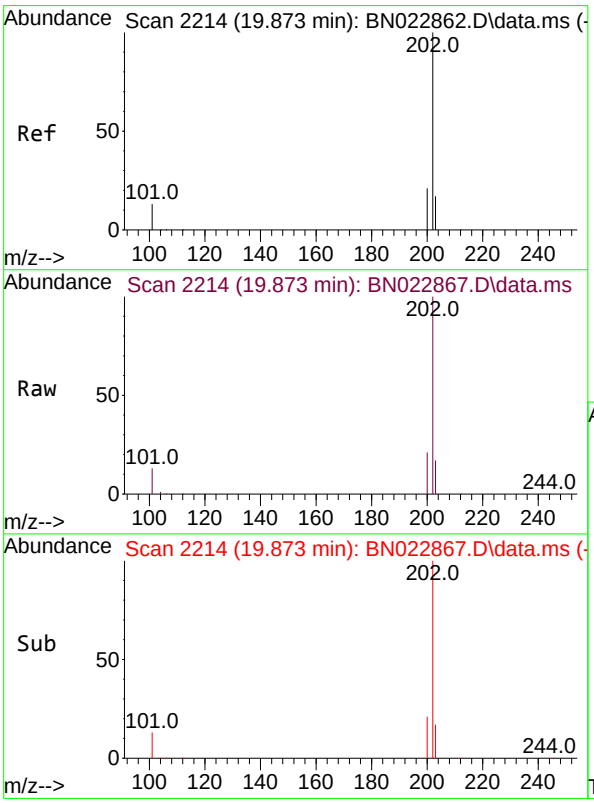
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.638 min Scan# 24
Delta R.T. -0.005 min
Lab File: BN022867.D
Acq: 25 Nov 2022 19:09

Instrument :
BNA_N
ClientSampleId :
ICVBN112522

Tgt Ion:240 Resp: 20276

Ion	Ratio	Lower	Upper
240	100		
120	16.0	9.2	13.8#
236	28.5	22.6	34.0

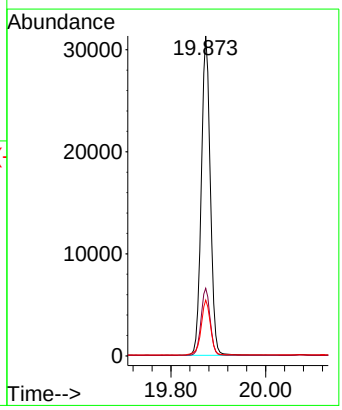


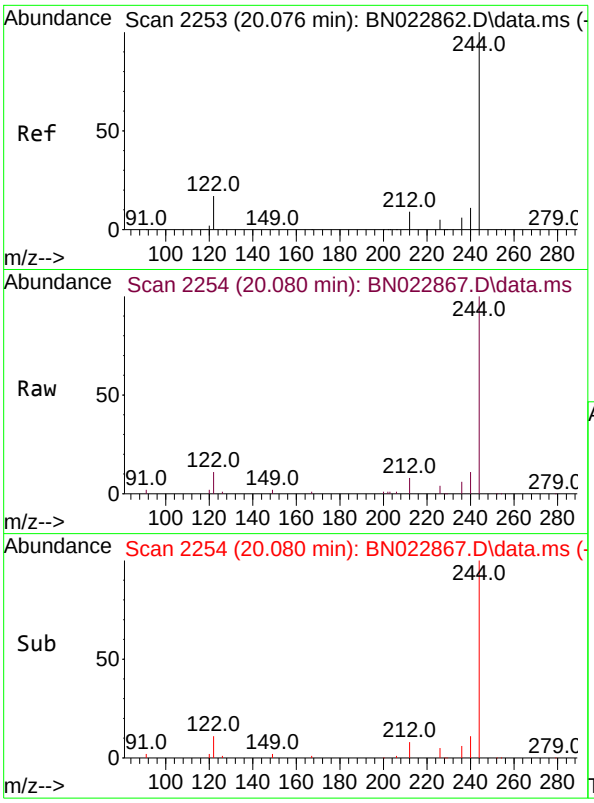


#30
Pyrene
Concen: 0.408 ng
RT: 19.873 min Scan# 2214
Delta R.T. 0.000 min
Lab File: BN022867.D
Acq: 25 Nov 2022 19:09

Tgt Ion:202 Resp: 43043

Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.0	25.4
203	17.0	14.2	21.2



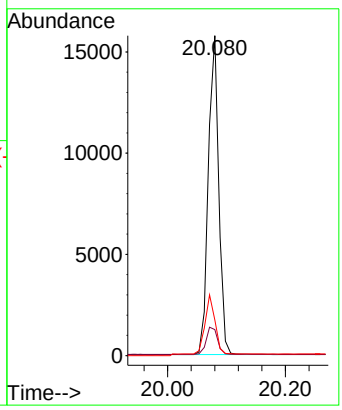


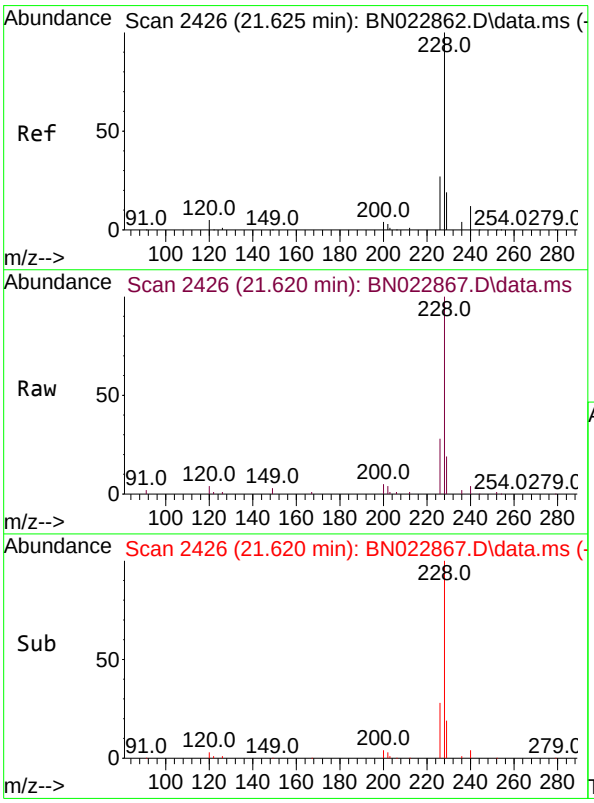
#31
Terphenyl-d14
Concen: 0.406 ng
RT: 20.080 min Scan# 2
Delta R.T. 0.004 min
Lab File: BN022867.D
Acq: 25 Nov 2022 19:09

Instrument :
BNA_N
ClientSampleId :
ICVBN112522

Tgt Ion:244 Resp: 19361

Ion	Ratio	Lower	Upper
244	100		
212	8.1	7.9	11.9
122	11.1	13.9	20.9#

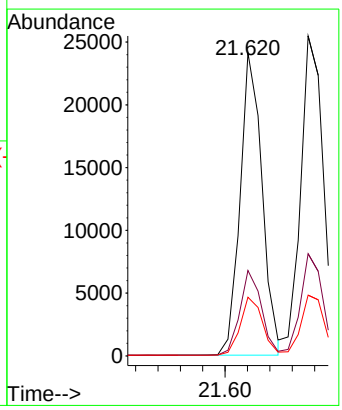


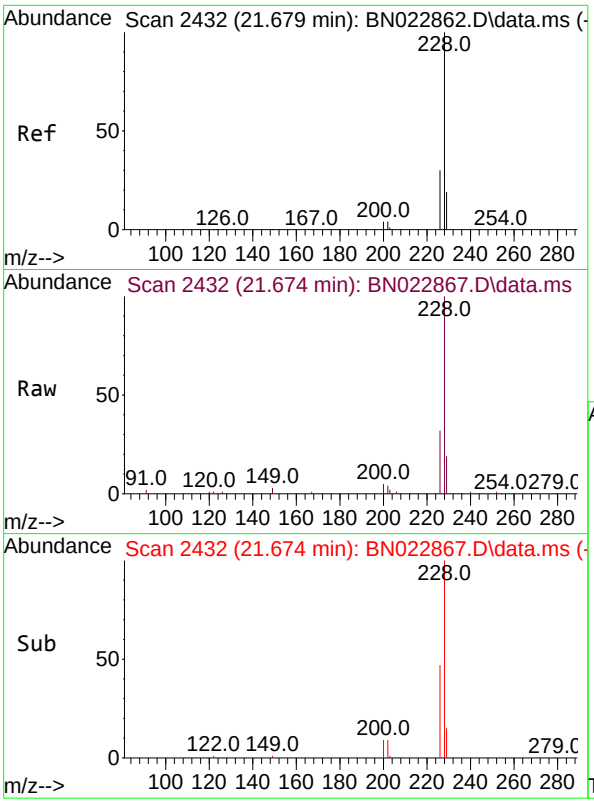


#32
Benzo(a)anthracene
Concen: 0.401 ng
RT: 21.620 min Scan# 2426
Delta R.T. -0.005 min
Lab File: BN022867.D
Acq: 25 Nov 2022 19:09

Tgt Ion:228 Resp: 32851

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.1	33.1
229	19.3	15.8	23.6



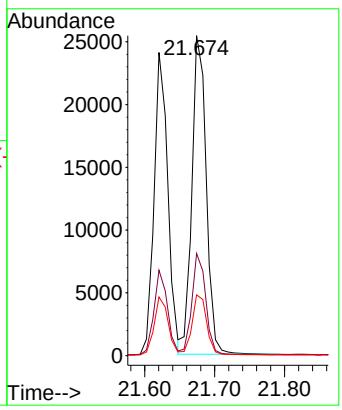


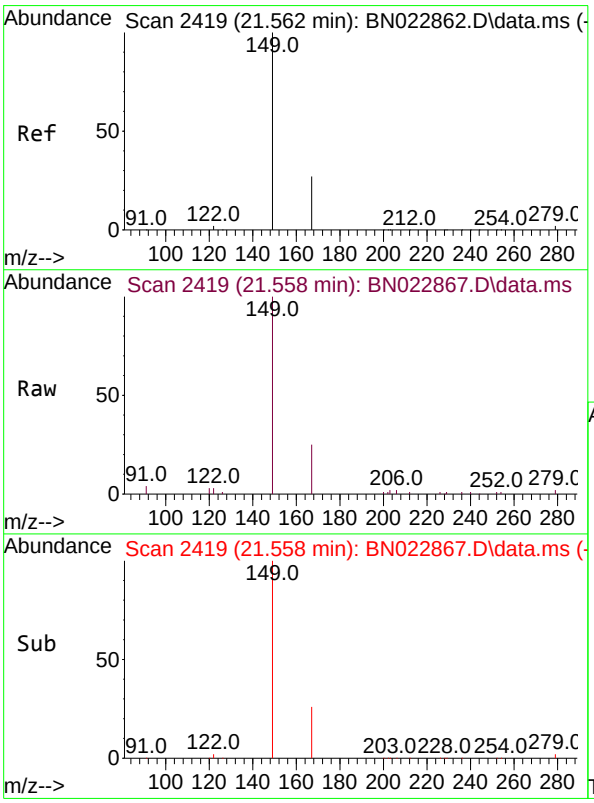
#33
Chrysene
Concen: 0.425 ng
RT: 21.674 min Scan# 24
Delta R.T. -0.005 min
Lab File: BN022867.D
Acq: 25 Nov 2022 19:09

Instrument :
BNA_N
ClientSampleId :
ICVBN112522

Tgt Ion:228 Resp: 36127

Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.5	36.7
229	19.0	15.8	23.6

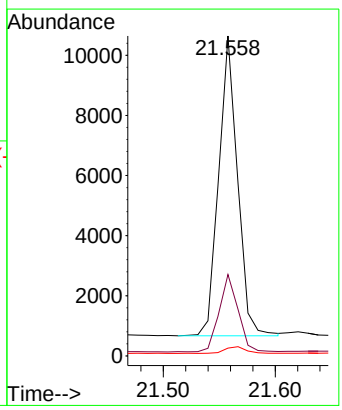


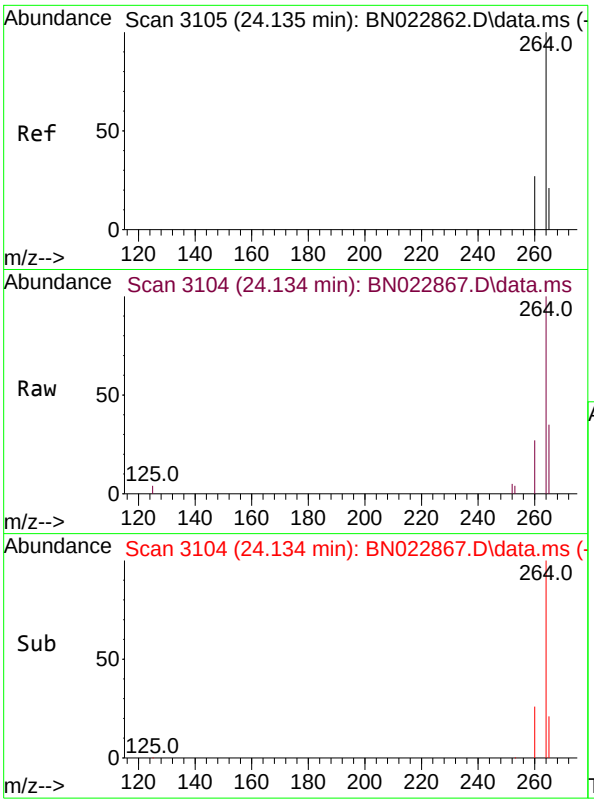


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.354 ng
RT: 21.558 min Scan# 2419
Delta R.T. -0.005 min
Lab File: BN022867.D
Acq: 25 Nov 2022 19:09

Tgt Ion:149 Resp: 11648

Ion	Ratio	Lower	Upper
149	100		
167	25.9	21.3	31.9
279	2.6	2.3	3.5



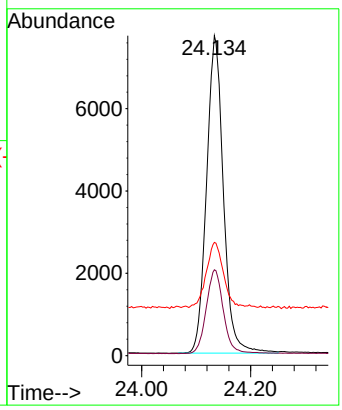


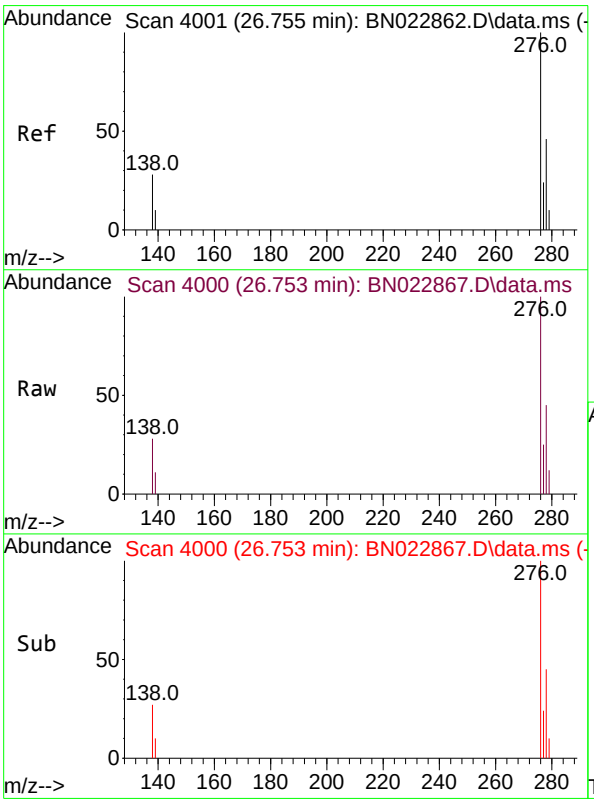
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.134 min Scan# 3
Delta R.T. -0.001 min
Lab File: BN022867.D
Acq: 25 Nov 2022 19:09

Instrument :
BNA_N
ClientSampleId :
ICVBN112522

Tgt Ion:264 Resp: 16628

Ion	Ratio	Lower	Upper
264	100		
260	26.9	21.7	32.5
265	35.4	31.0	46.4

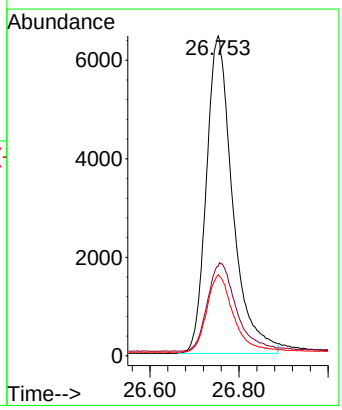


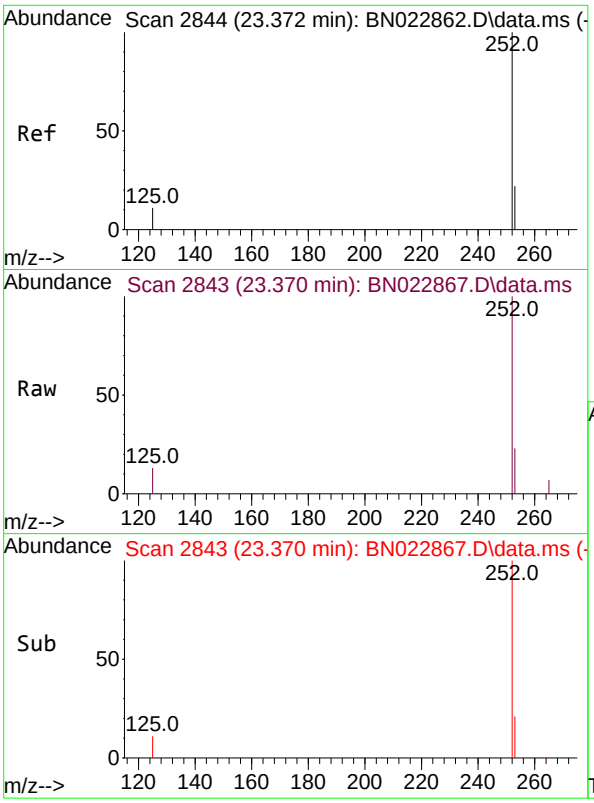


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.382 ng
RT: 26.753 min Scan# 4000
Delta R.T. -0.001 min
Lab File: BN022867.D
Acq: 25 Nov 2022 19:09

Tgt Ion:276 Resp: 26365

Ion	Ratio	Lower	Upper
276	100		
138	30.7	24.4	36.6
277	24.9	19.9	29.9



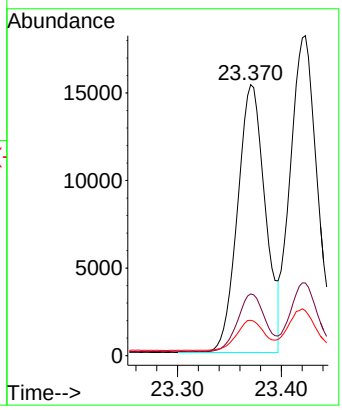


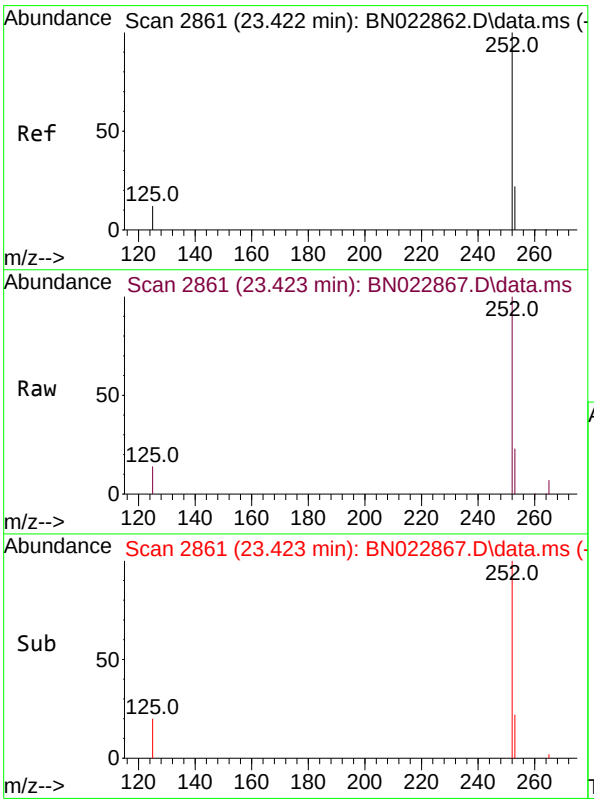
#37
Benzo(b)fluoranthene
Concen: 0.383 ng
RT: 23.370 min Scan# 2
Delta R.T. -0.001 min
Lab File: BN022867.D
Acq: 25 Nov 2022 19:09

Instrument :
BNA_N
ClientSampleId :
ICVBN112522

Tgt Ion:252 Resp: 28393

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.5	27.7
125	13.0	10.8	16.2

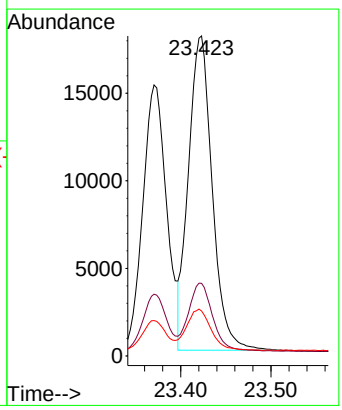


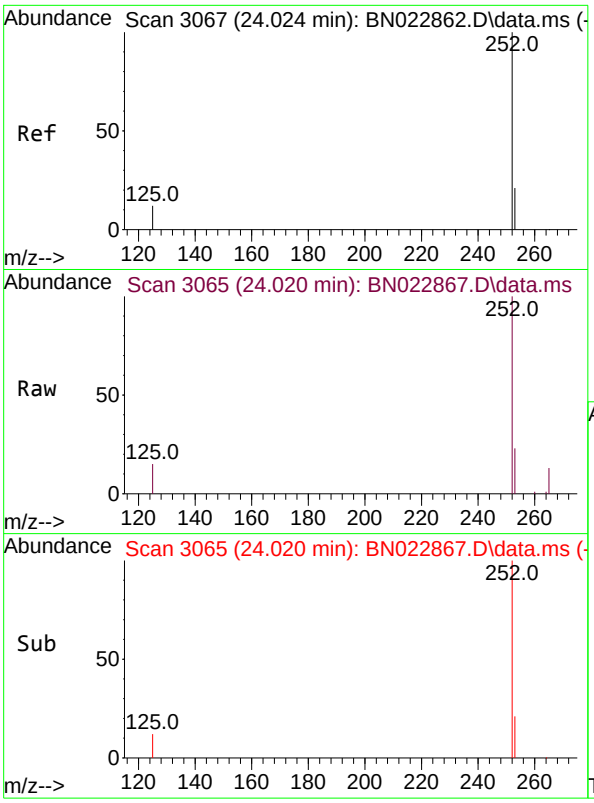


#38
Benzo(k)fluoranthene
Concen: 0.410 ng
RT: 23.423 min Scan# 2861
Delta R.T. 0.001 min
Lab File: BN022867.D
Acq: 25 Nov 2022 19:09

Tgt Ion:252 Resp: 32925

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.6	27.8
125	14.0	11.0	16.4



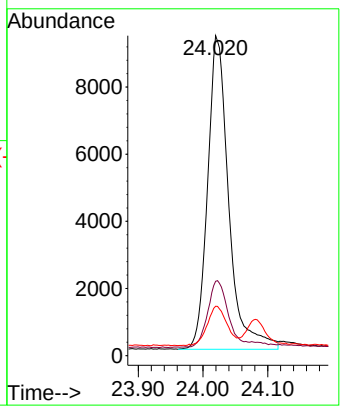


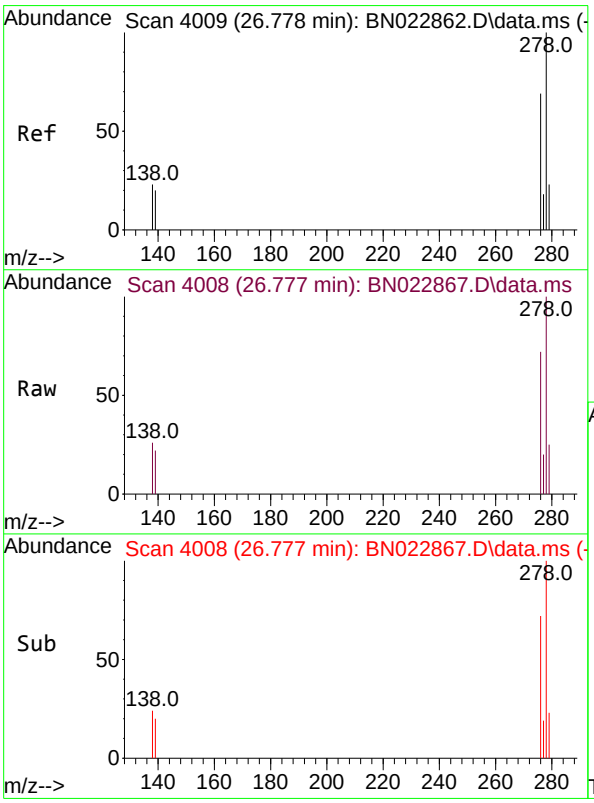
#39
Benzo(a)pyrene
Concen: 0.373 ng
RT: 24.020 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN022867.D
Acq: 25 Nov 2022 19:09

Instrument :
BNA_N
ClientSampleId :
ICVBN112522

Tgt Ion:252 Resp: 21151

Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.2	28.8
125	15.4	12.7	19.1

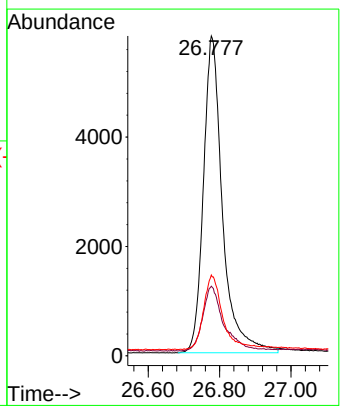


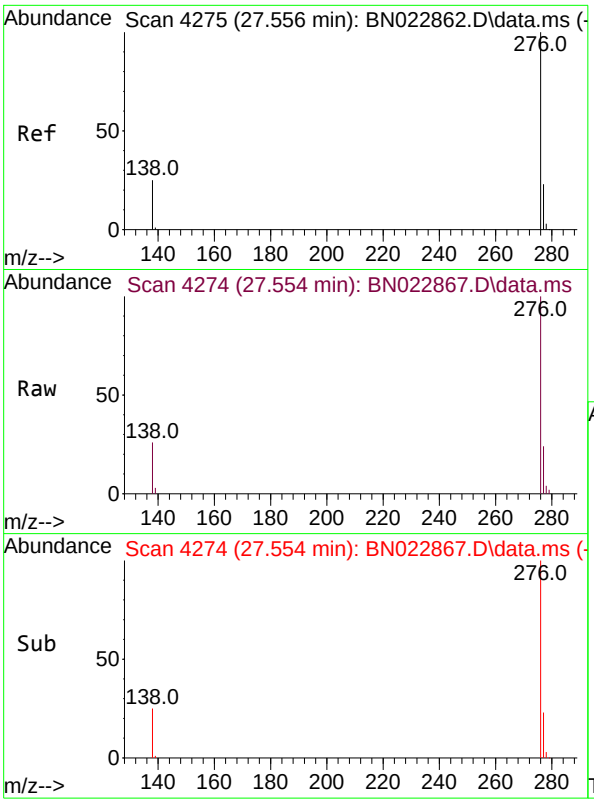


#40
Dibenzo(a,h)anthracene
Concen: 0.392 ng
RT: 26.777 min Scan# 4008
Delta R.T. -0.001 min
Lab File: BN022867.D
Acq: 25 Nov 2022 19:09

Tgt Ion:278 Resp: 21495

Ion	Ratio	Lower	Upper
278	100		
139	21.8	17.4	26.0
279	25.3	20.0	30.0





#41
Benzo(g,h,i)perylene
Concen: 0.389 ng
RT: 27.554 min Scan# 4
Delta R.T. -0.001 min
Lab File: BN022867.D
Acq: 25 Nov 2022 19:09

Instrument :
BNA_N
ClientSampleId :
ICVBN112522

Tgt Ion:276 Resp: 22940

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.7	29.5
138	26.0	21.4	32.2