Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112922\
Data File : BN022927.D
Acq On : 28 Nov 2022 21:49
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Nov 29 05:22:51 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 05:14:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.064	152	7972	0.400	ng		0.00
7) Naphthalene-d8	10.883	136	21343	0.400	ng		0.00
13) Acenaphthene-d10	14.698	164	10877	0.400	ng		0.00
19) Phenanthrene-d10	17.452	188	21563	0.400	ng	#	0.00
29) Chrysene-d12	21.634	240	15185	0.400	ng		0.00
35) Perylene-d12	24.123	264	12324	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.601	112	8071	0.390	ng		0.00
5) Phenol-d6	7.212	99	10150	0.385	ng		0.00
8) Nitrobenzene-d5	9.228	82	6706	0.404	ng		0.00
11) 2-Methylnaphthalene-d10	12.469	152	17489	0.378	ng		0.00
14) 2,4,6-Tribromophenol	16.186	330	1775	0.338	ng		0.00
15) 2-Fluorobiphenyl	13.330	172	21484	0.432	ng		0.00
27) Fluoranthene-d10	19.477	212	22077	0.377	ng		0.00
31) Terphenyl-d14	20.067	244	14277	0.400	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.449	88	4056	0.401	ng		98
3) n-Nitrosodimethylamine	3.774	42	3776	0.346	ng		97
6) bis(2-Chloroethyl)ether	7.479	93	10262	0.414	ng		99
9) Naphthalene	10.936	128	26634	0.405	ng		99
10) Hexachlorobutadiene	11.224	225	5484	0.406	ng	#	99
12) 2-Methylnaphthalene	12.155	142	4427	0.330	ng		99
16) Acenaphthylene	14.420	152	21271	0.369	ng		99
17) Acenaphthene	14.762	154	15290	0.404	ng		99
18) Fluorene	15.751	166	18411	0.379	ng		99
20) 4,6-Dinitro-2-methylph...	15.813	198	868	0.360	ng	#	80
21) 4-Bromophenyl-phenylether	16.645	248	6298	0.405	ng	#	76
22) Hexachlorobenzene	16.757	284	7947	0.418	ng		100
23) Atrazine	16.906	200	3691	0.336	ng	#	89
24) Pentachlorophenol	17.092	266	1860	0.358	ng		97
25) Phenanthrene	17.489	178	30021	0.400	ng		100
26) Anthracene	17.576	178	24578	0.378	ng		100
28) Fluoranthene	19.507	202	30230	0.379	ng		100
30) Pyrene	19.869	202	29787	0.377	ng		100
32) Benzo(a)anthracene	21.616	228	23267	0.379	ng		100
33) Chrysene	21.670	228	26501	0.416	ng		99
34) Bis(2-ethylhexyl)phtha...	21.545	149	9187	0.373	ng		98
36) Indeno(1,2,3-cd)pyrene	26.731	276	24364	0.476	ng		99
37) Benzo(b)fluoranthene	23.357	252	22346	0.406	ng		98
38) Benzo(k)fluoranthene	23.410	252	24114	0.405	ng		99
39) Benzo(a)pyrene	24.009	252	16388	0.390	ng		96
40) Dibenzo(a,h)anthracene	26.755	278	20272	0.499	ng		98
41) Benzo(g,h,i)perylene	27.529	276	20972	0.479	ng		99

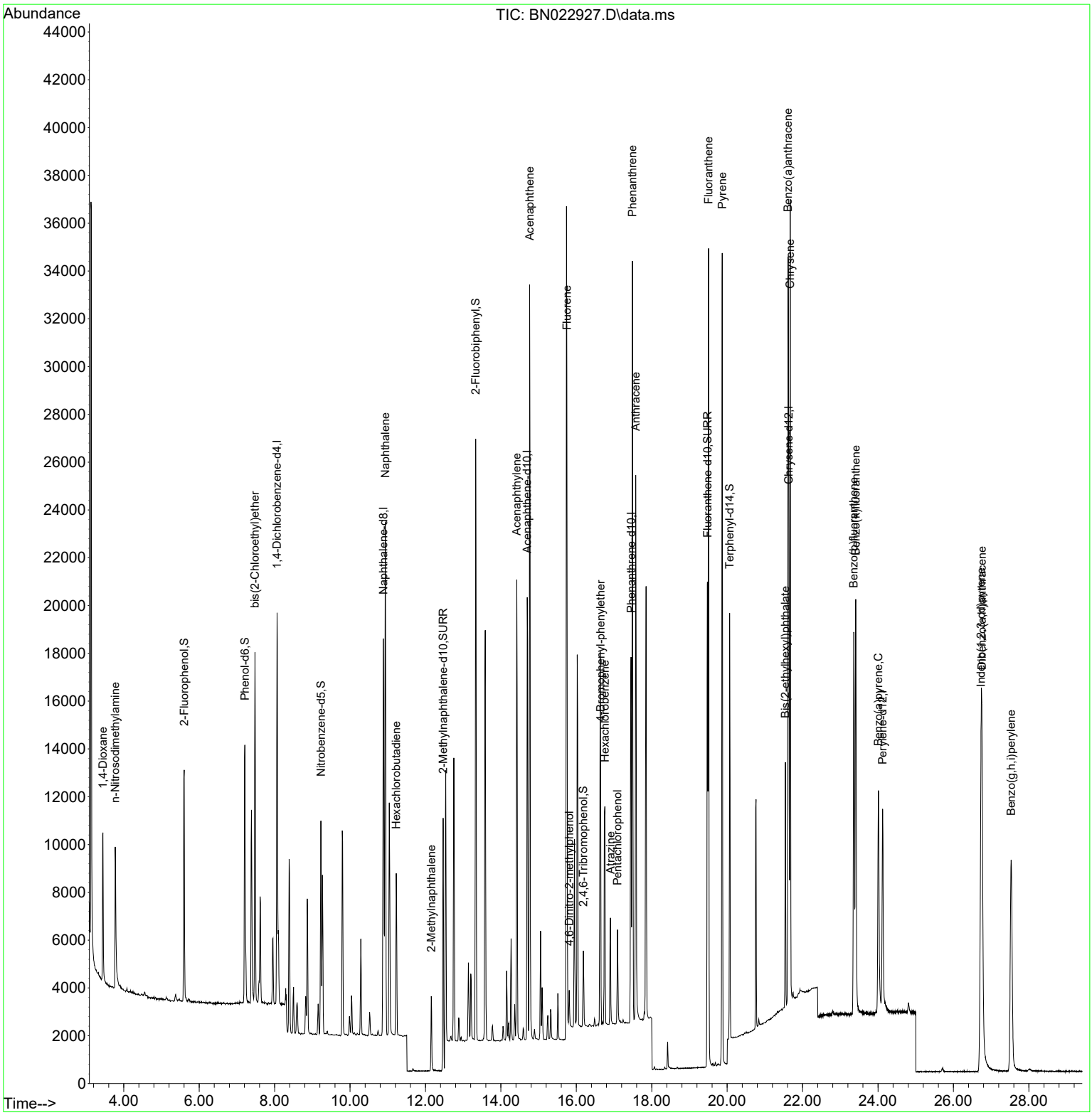
(#) = qualifier out of range (m) = manual integration (+) = signals summed

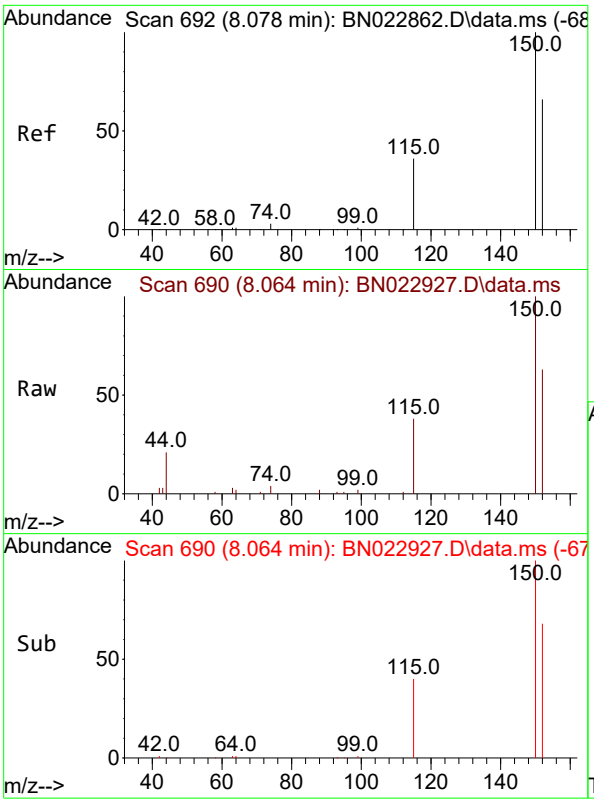
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112922\
Data File : BN022927.D
Acq On : 28 Nov 2022 21:49
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Nov 29 05:22:51 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 05:14:21 2022
Response via : Initial Calibration



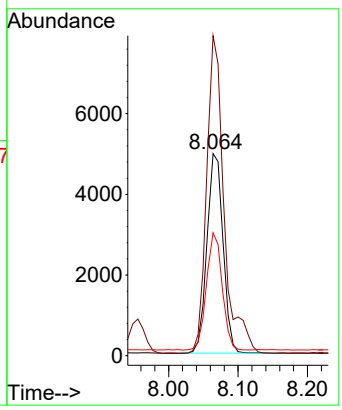


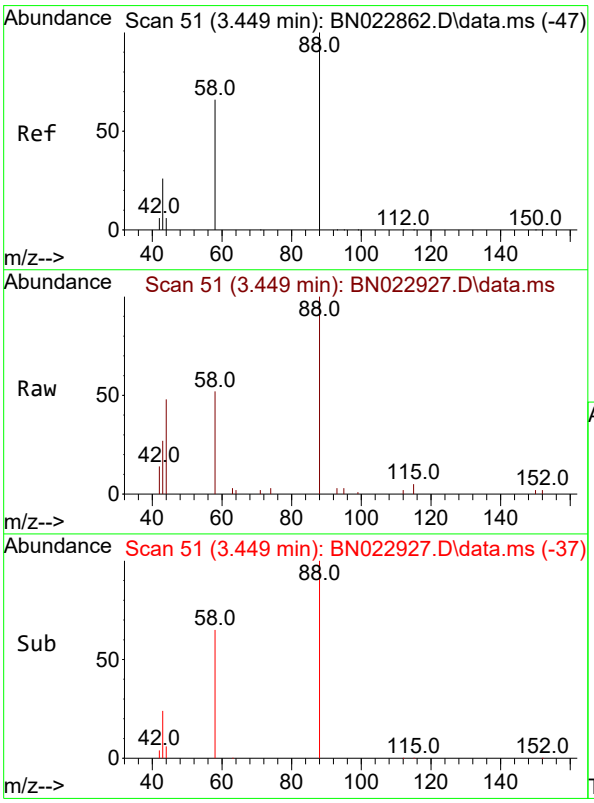
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.064 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN022927.D
Acq: 28 Nov 2022 21:49

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 7972

Ion	Ratio	Lower	Upper
152	100		
150	158.4	121.2	181.8
115	60.8	46.2	69.4

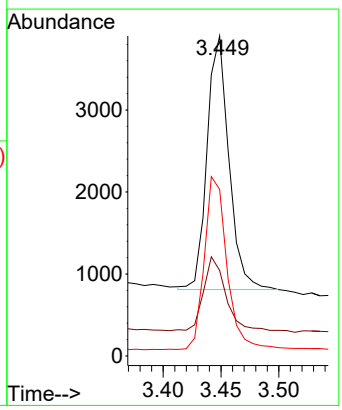


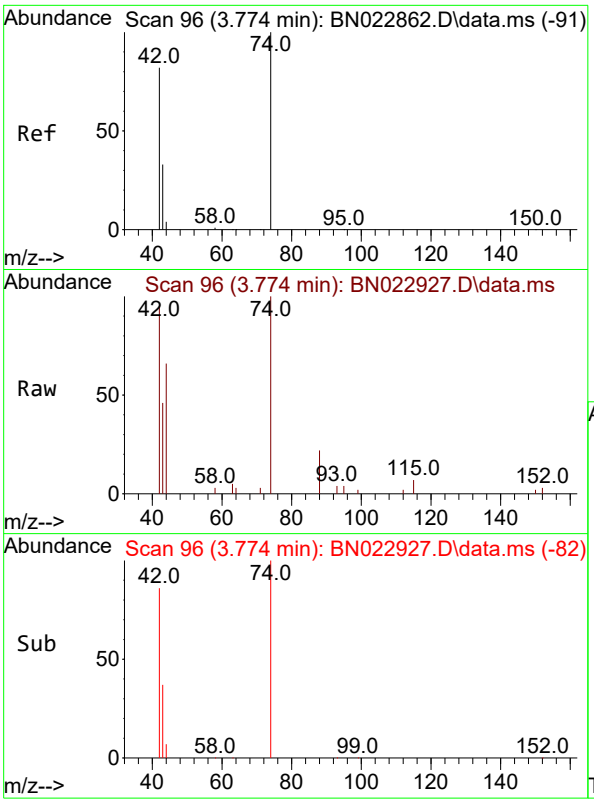


#2
1,4-Dioxane
Concen: 0.401 ng
RT: 3.449 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN022927.D
Acq: 28 Nov 2022 21:49

Tgt Ion: 88 Resp: 4056

Ion	Ratio	Lower	Upper
88	100		
43	29.3	25.4	38.2
58	70.8	56.5	84.7



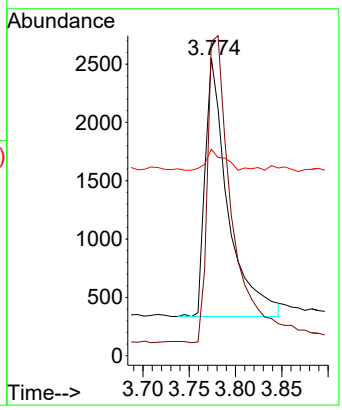


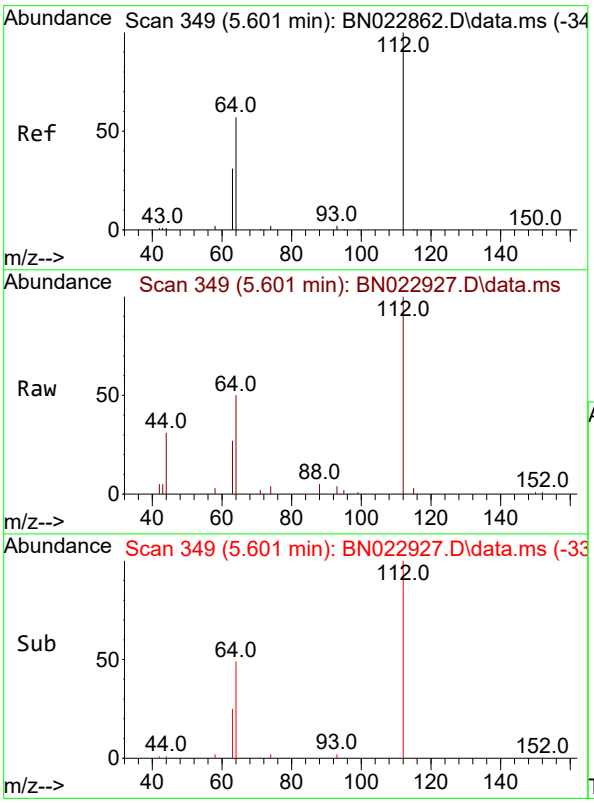
#3
n-Nitrosodimethylamine
Concen: 0.346 ng
RT: 3.774 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN022927.D
Acq: 28 Nov 2022 21:49

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 3776

Ion	Ratio	Lower	Upper
42	100		
74	127.9	99.3	148.9
44	6.5	5.4	8.2

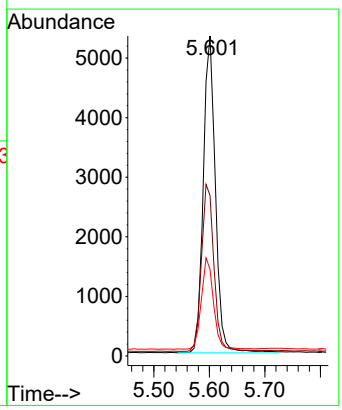


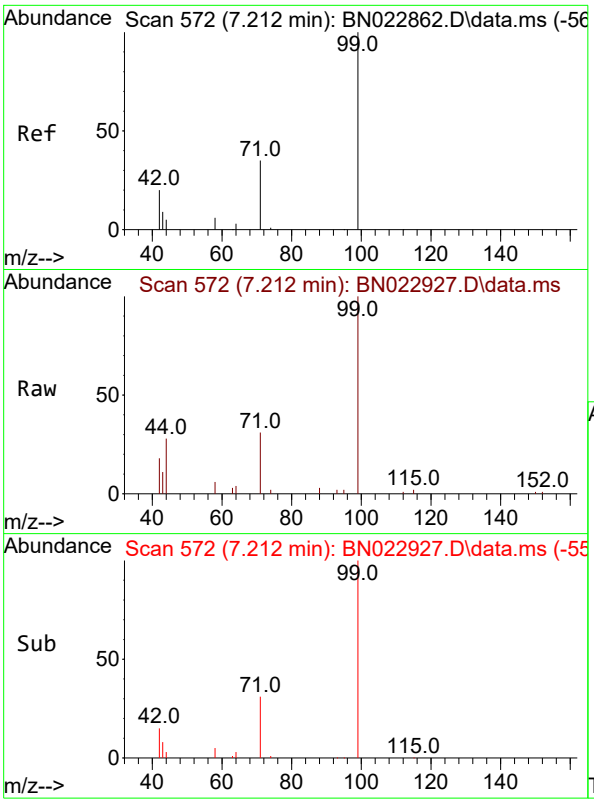


#4
2-Fluorophenol
Concen: 0.390 ng
RT: 5.601 min Scan# 349
Delta R.T. 0.000 min
Lab File: BN022927.D
Acq: 28 Nov 2022 21:49

Tgt Ion:112 Resp: 8071

Ion	Ratio	Lower	Upper
112	100		
64	54.7	43.4	65.2
63	28.8	23.4	35.2



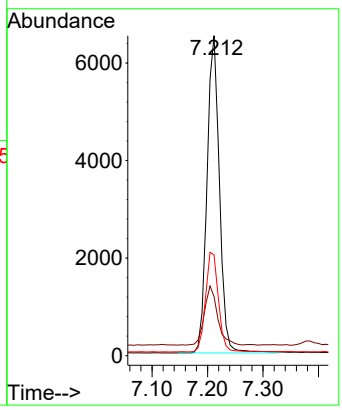


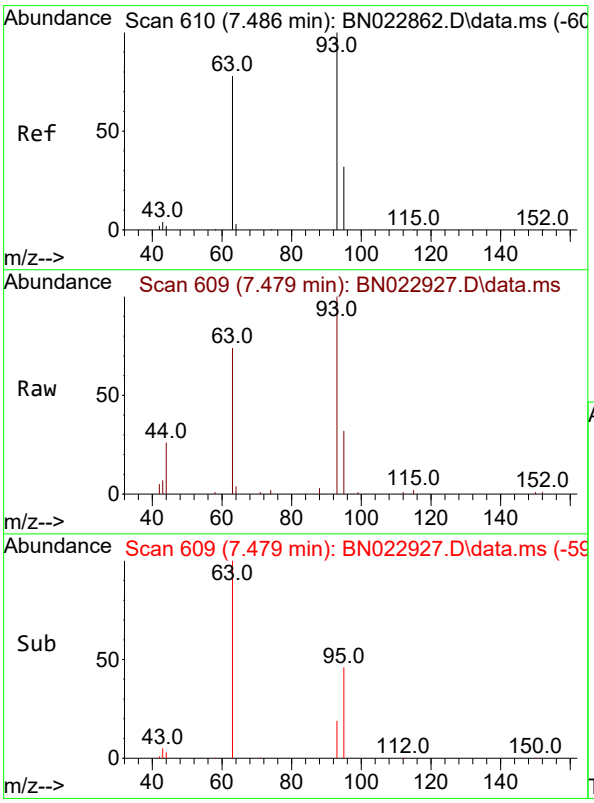
#5
Phenol-d6
Concen: 0.385 ng
RT: 7.212 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN022927.D
Acq: 28 Nov 2022 21:49

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 10150

Ion	Ratio	Lower	Upper
99	100		
42	19.6	16.0	24.0
71	32.7	26.8	40.2

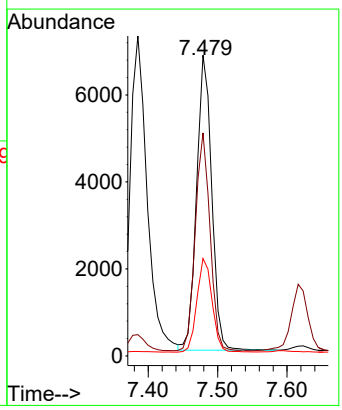


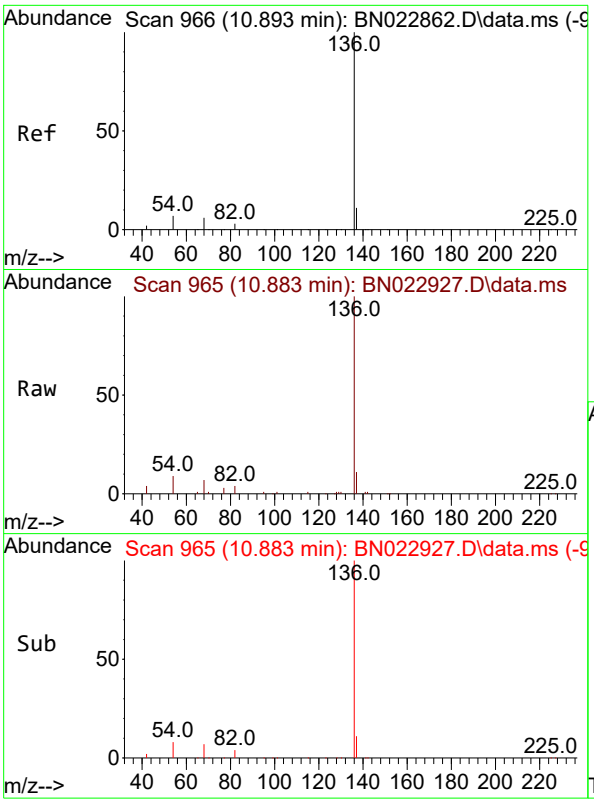


#6
bis(2-Chloroethyl)ether
Concen: 0.414 ng
RT: 7.479 min Scan# 609
Delta R.T. 0.000 min
Lab File: BN022927.D
Acq: 28 Nov 2022 21:49

Tgt Ion: 93 Resp: 10262

Ion	Ratio	Lower	Upper
93	100		
63	71.8	58.3	87.5
95	32.0	25.8	38.6



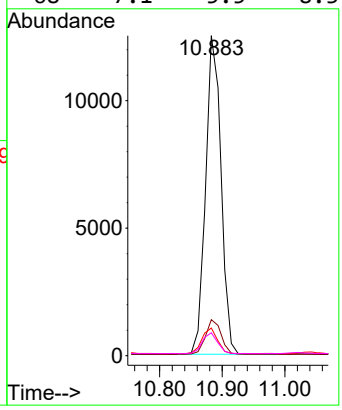


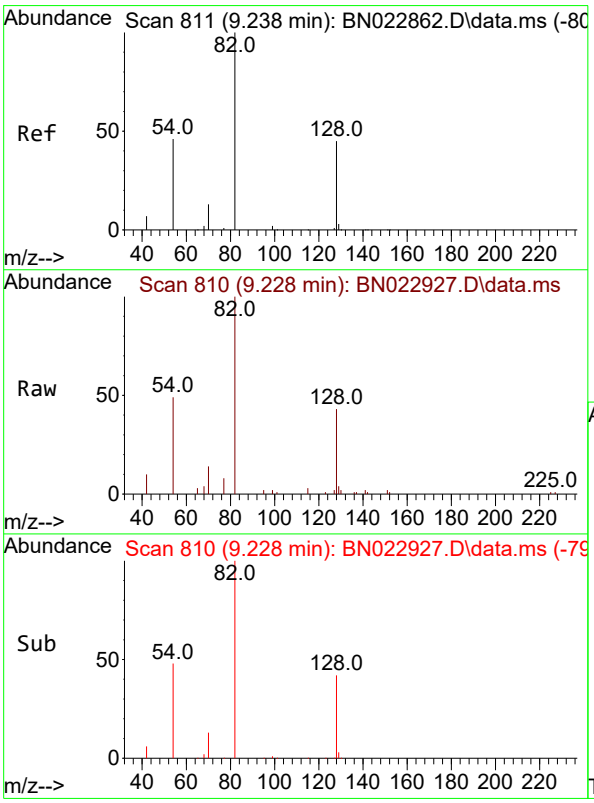
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.883 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN022927.D
Acq: 28 Nov 2022 21:49

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 21343

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	8.7	6.6	9.8
68	7.1	5.5	8.3

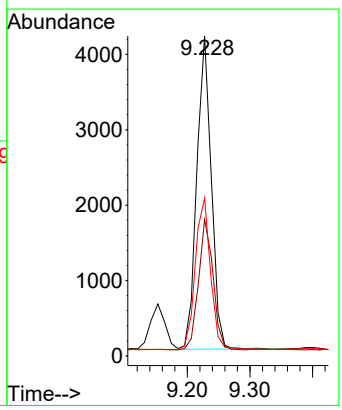


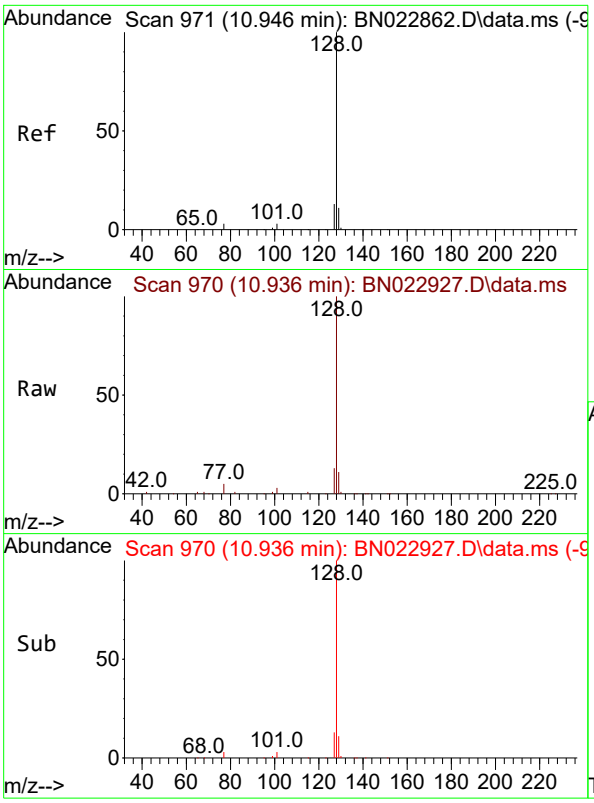


#8
Nitrobenzene-d5
Concen: 0.404 ng
RT: 9.228 min Scan# 810
Delta R.T. 0.000 min
Lab File: BN022927.D
Acq: 28 Nov 2022 21:49

Tgt Ion: 82 Resp: 6706

Ion	Ratio	Lower	Upper
82	100		
128	42.6	36.6	54.8
54	49.3	38.5	57.7



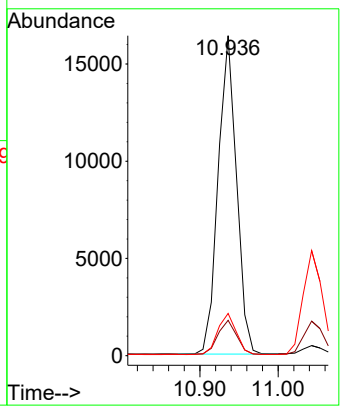


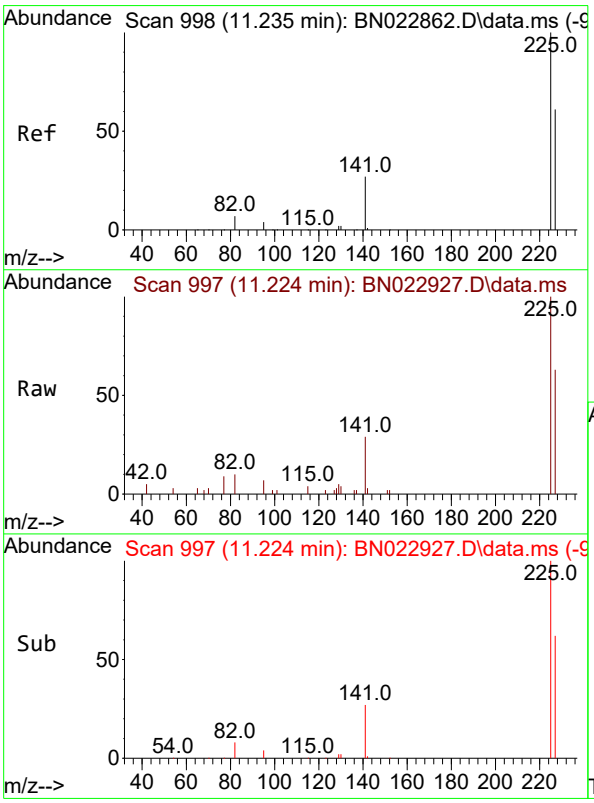
#9
Naphthalene
Concen: 0.405 ng
RT: 10.936 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN022927.D
Acq: 28 Nov 2022 21:49

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 26634

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.4
127	13.2	10.8	16.2

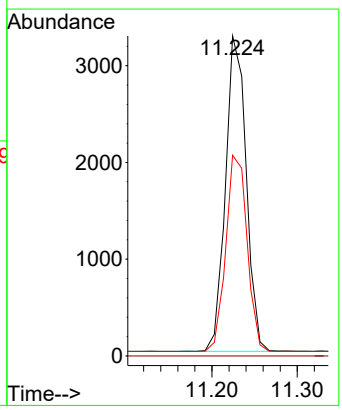


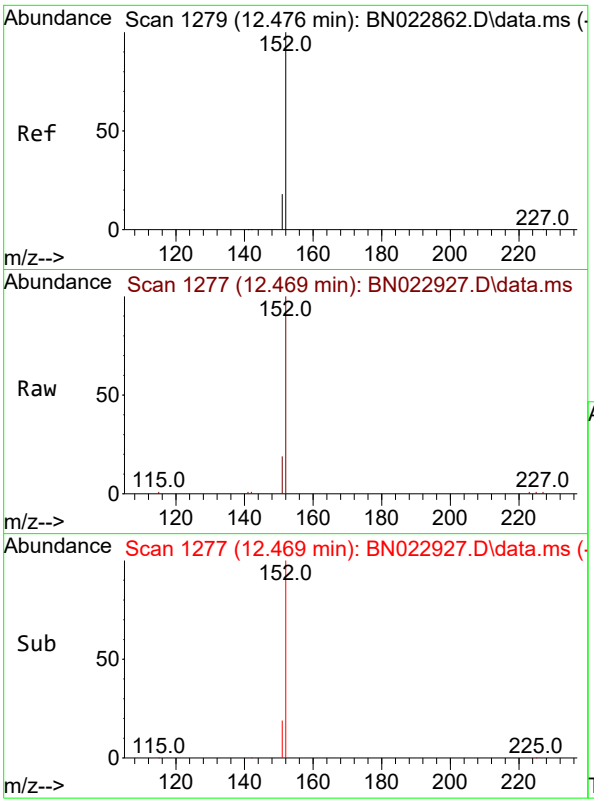


#10
Hexachlorobutadiene
Concen: 0.406 ng
RT: 11.224 min Scan# 997
Delta R.T. 0.000 min
Lab File: BN022927.D
Acq: 28 Nov 2022 21:49

Tgt Ion:225 Resp: 5484

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.1	50.8	76.2



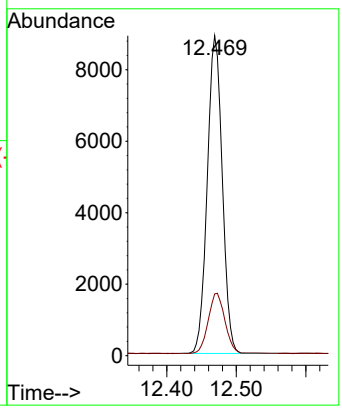


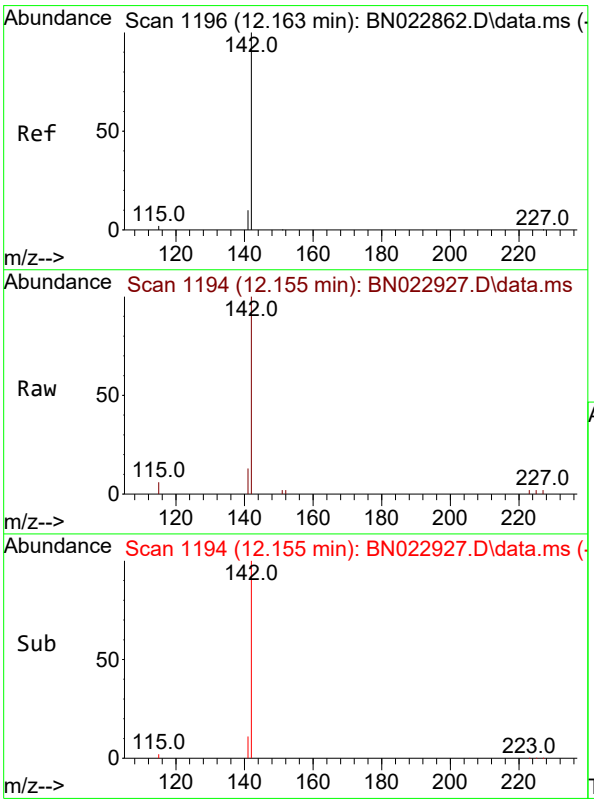
#11
2-Methylnaphthalene-d10
Concen: 0.378 ng
RT: 12.469 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022927.D
Acq: 28 Nov 2022 21:49

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 17489

Ion	Ratio	Lower	Upper
152	100		
151	19.7	18.6	27.8

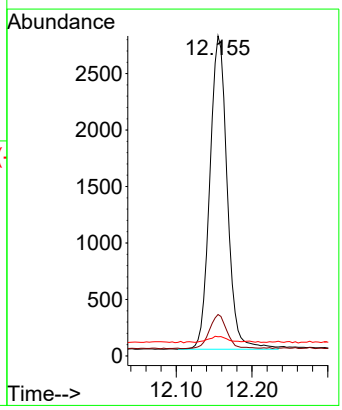


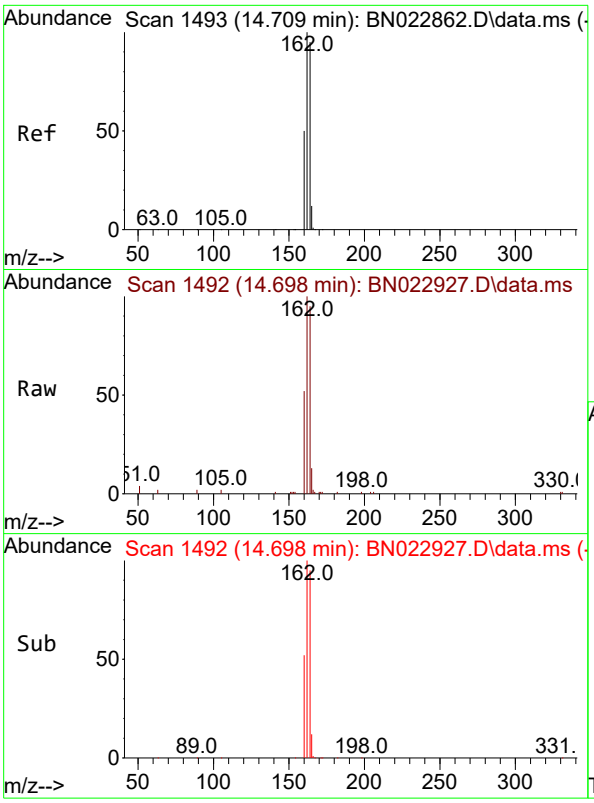


#12
2-Methylnaphthalene
Concen: 0.330 ng
RT: 12.155 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BN022927.D
Acq: 28 Nov 2022 21:49

Tgt Ion:142 Resp: 4427

Ion	Ratio	Lower	Upper
142	100		
141	13.0	10.1	15.1
115	6.0	4.6	7.0



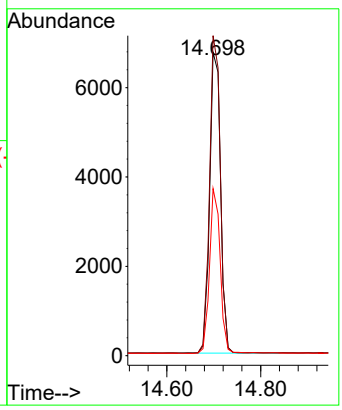


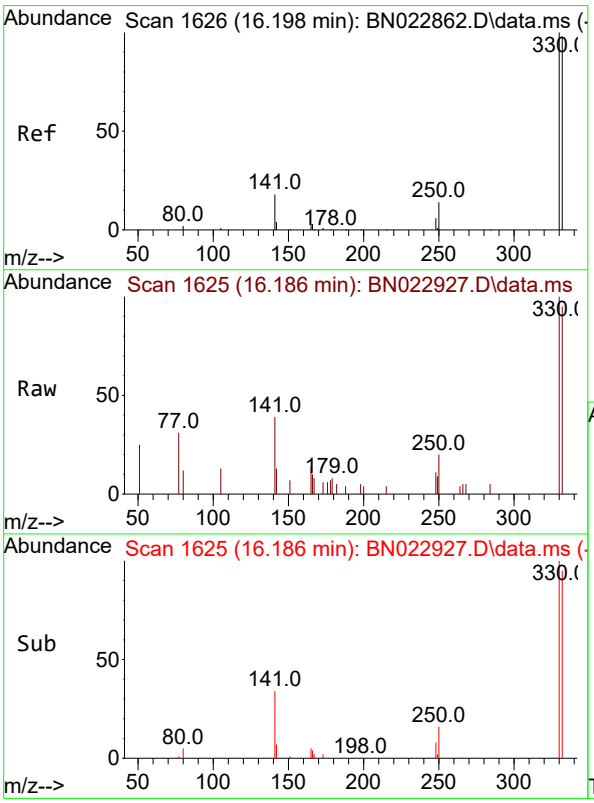
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.698 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN022927.D
Acq: 28 Nov 2022 21:49

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 10877

Ion	Ratio	Lower	Upper
164	100		
162	105.5	84.2	126.4
160	55.1	42.5	63.7

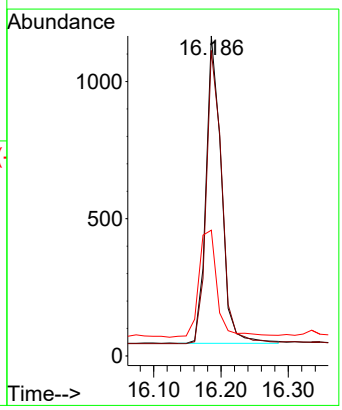


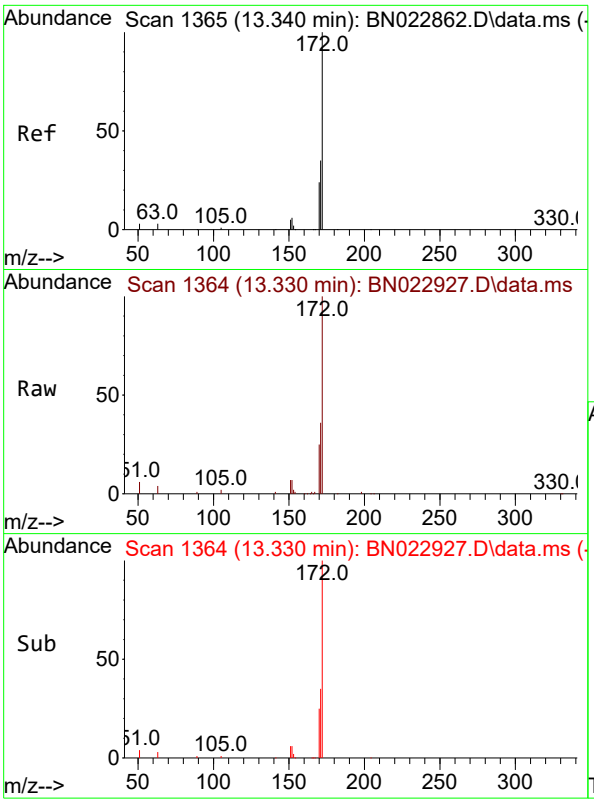


#14
2,4,6-Tribromophenol
Concen: 0.338 ng
RT: 16.186 min Scan# 1625
Delta R.T. 0.000 min
Lab File: BN022927.D
Acq: 28 Nov 2022 21:49

Tgt Ion:330 Resp: 1775

Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.5	114.7
141	42.6	32.6	48.8



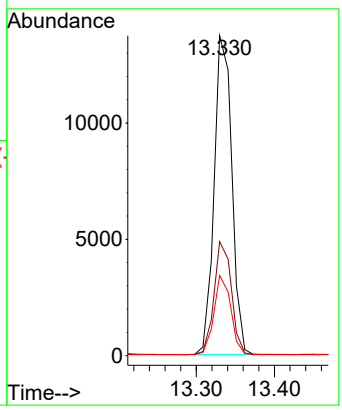


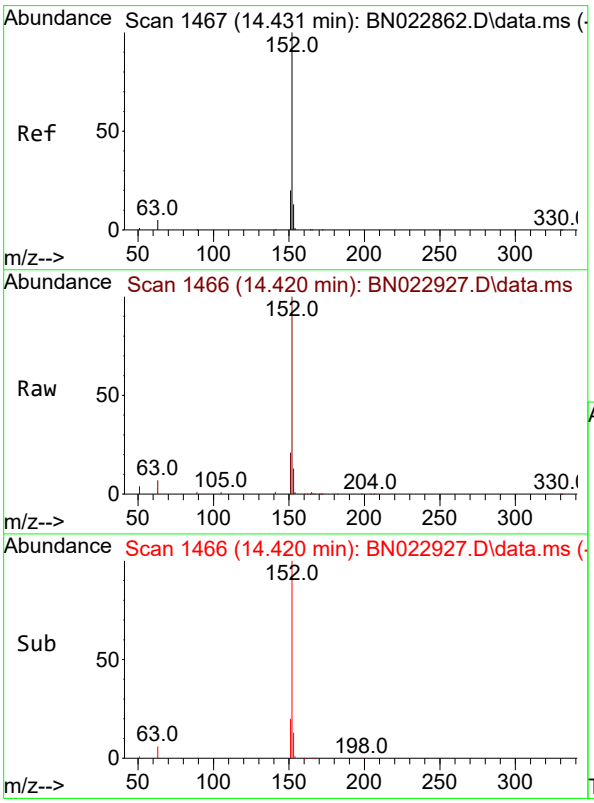
#15
2-Fluorobiphenyl
Concen: 0.432 ng
RT: 13.330 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022927.D
Acq: 28 Nov 2022 21:49

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 21484

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.2	42.4
170	25.0	19.3	28.9

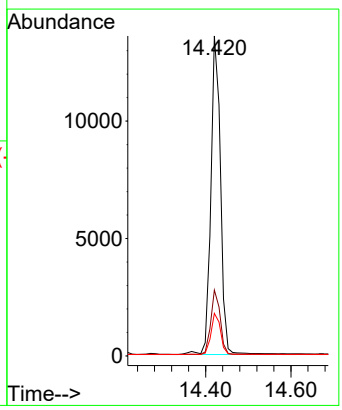


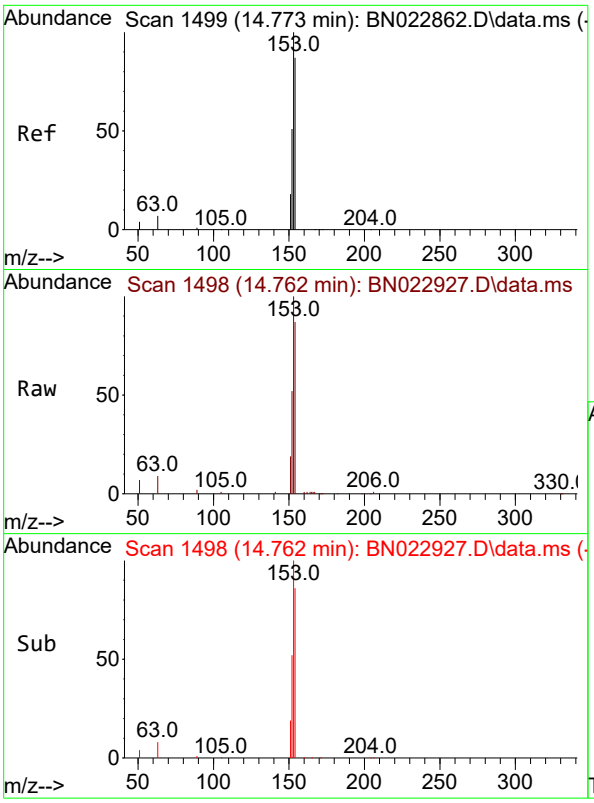


#16
Acenaphthylene
Concen: 0.369 ng
RT: 14.420 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BN022927.D
Acq: 28 Nov 2022 21:49

Tgt Ion:152 Resp: 21271

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.1	24.1
153	12.8	10.5	15.7



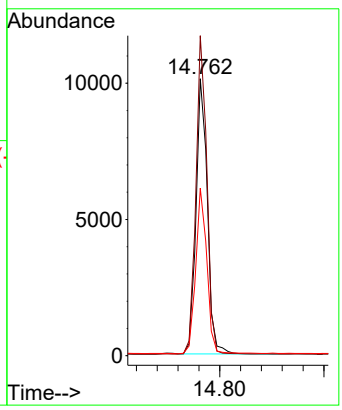


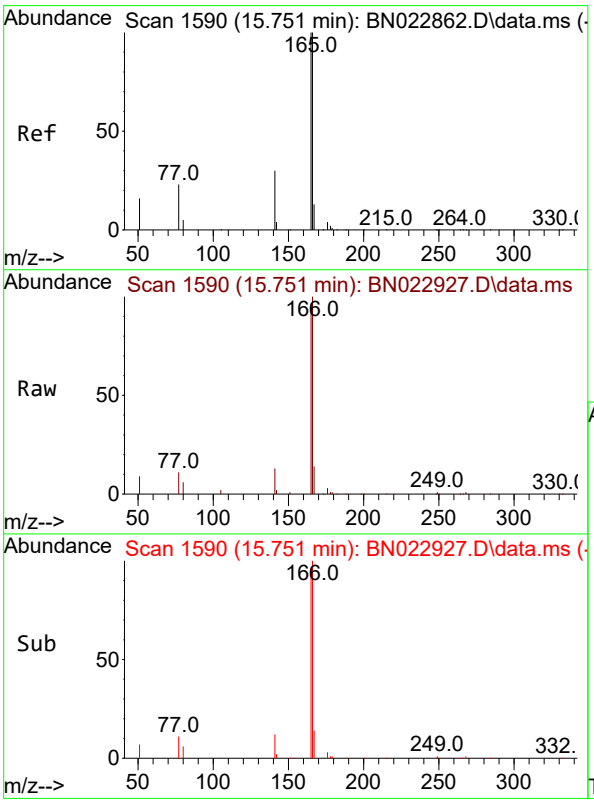
#17
Acenaphthene
Concen: 0.404 ng
RT: 14.762 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN022927.D
Acq: 28 Nov 2022 21:49

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 15290

Ion	Ratio	Lower	Upper
154	100		
153	111.6	90.0	135.0
152	59.3	47.0	70.6

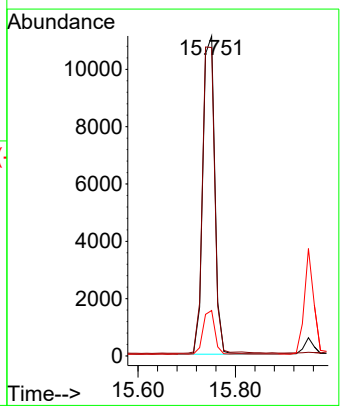


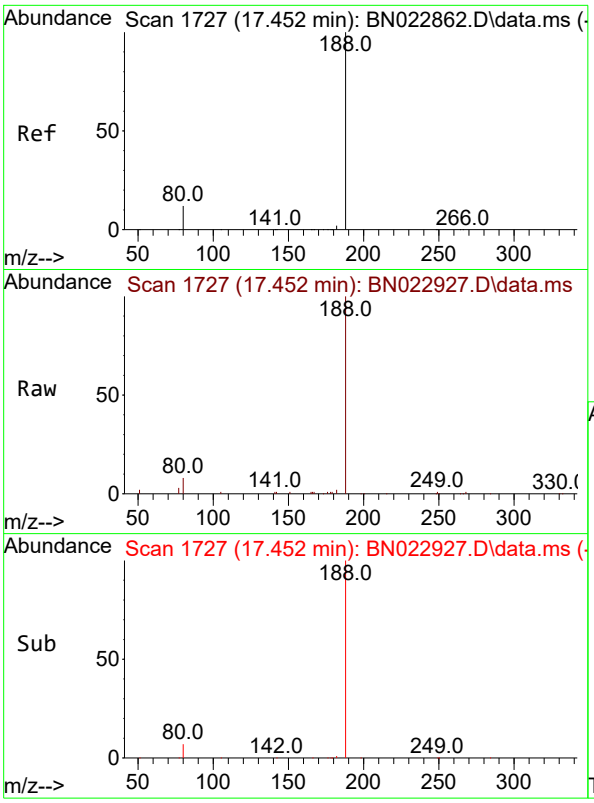


#18
Fluorene
Concen: 0.379 ng
RT: 15.751 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BN022927.D
Acq: 28 Nov 2022 21:49

Tgt Ion:166 Resp: 18411

Ion	Ratio	Lower	Upper
166	100		
165	98.7	79.4	119.0
167	13.6	10.7	16.1



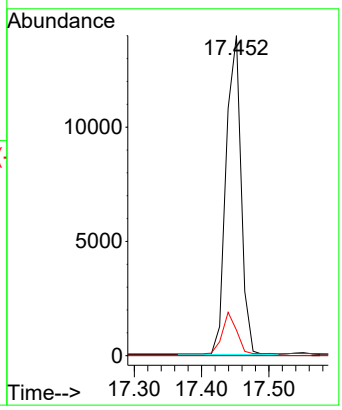


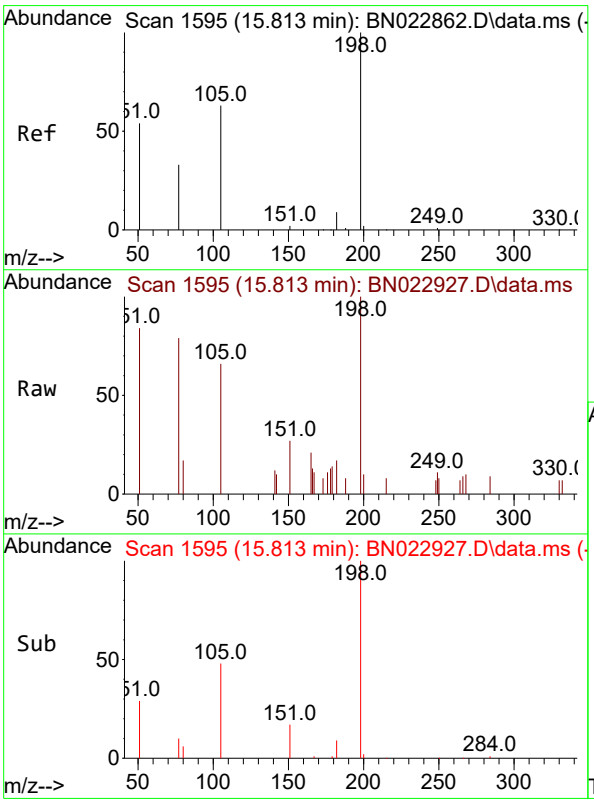
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.452 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022927.D
Acq: 28 Nov 2022 21:49

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 21563

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.0	10.3	15.5#

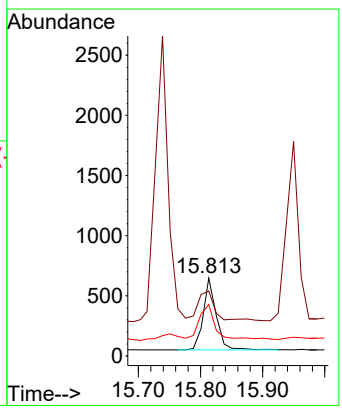


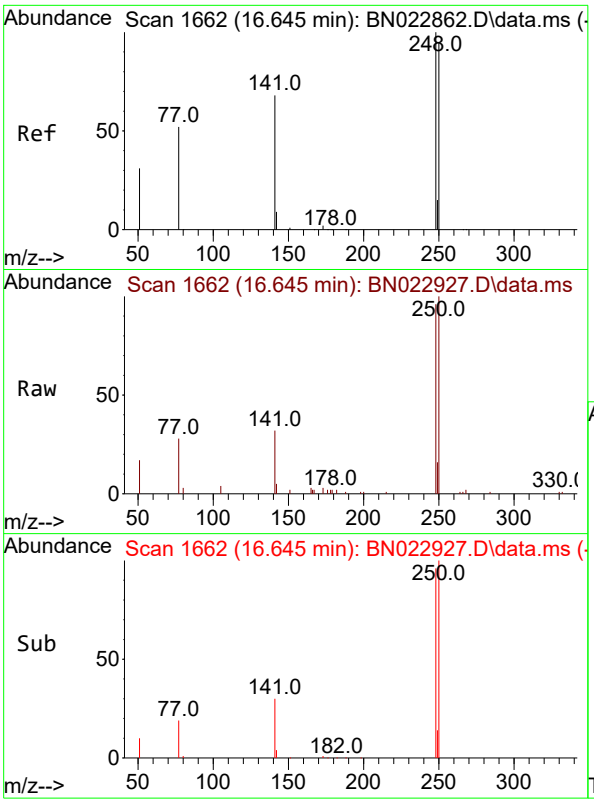


#20
4,6-Dinitro-2-methylphenol
Concen: 0.360 ng
RT: 15.813 min Scan# 1595
Delta R.T. 0.000 min
Lab File: BN022927.D
Acq: 28 Nov 2022 21:49

Tgt Ion:198 Resp: 868

Ion	Ratio	Lower	Upper
198	100		
51	83.6	80.5	120.7
105	66.1	70.5	105.7#



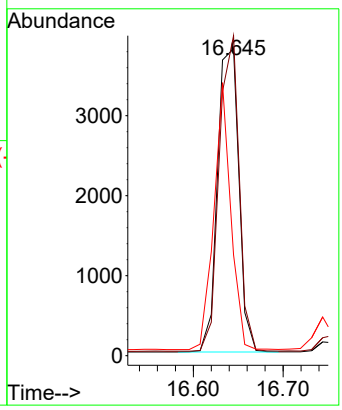


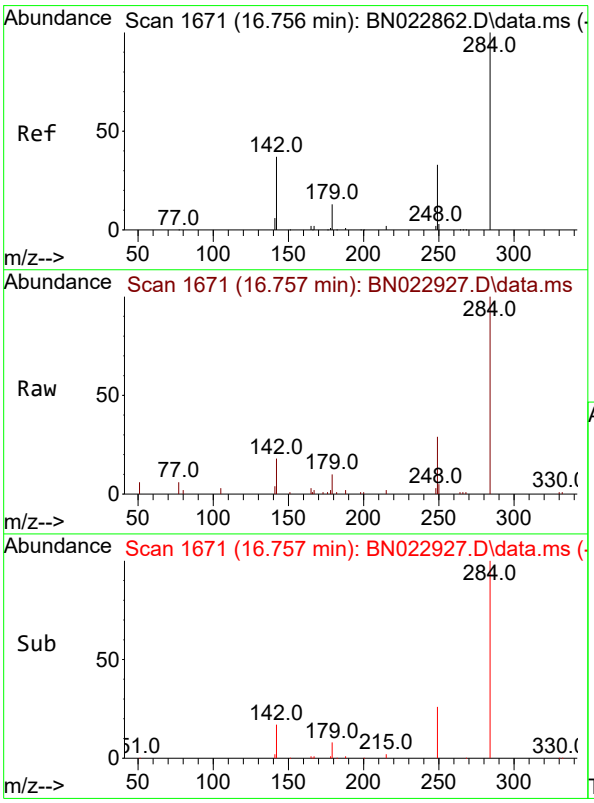
#21
4-Bromophenyl-phenylether
Concen: 0.405 ng
RT: 16.645 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022927.D
Acq: 28 Nov 2022 21:49

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:248 Resp: 6298

Ion	Ratio	Lower	Upper
248	100		
250	104.2	75.8	113.6
141	32.8	55.4	83.0#

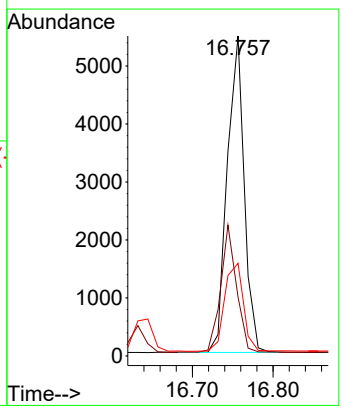


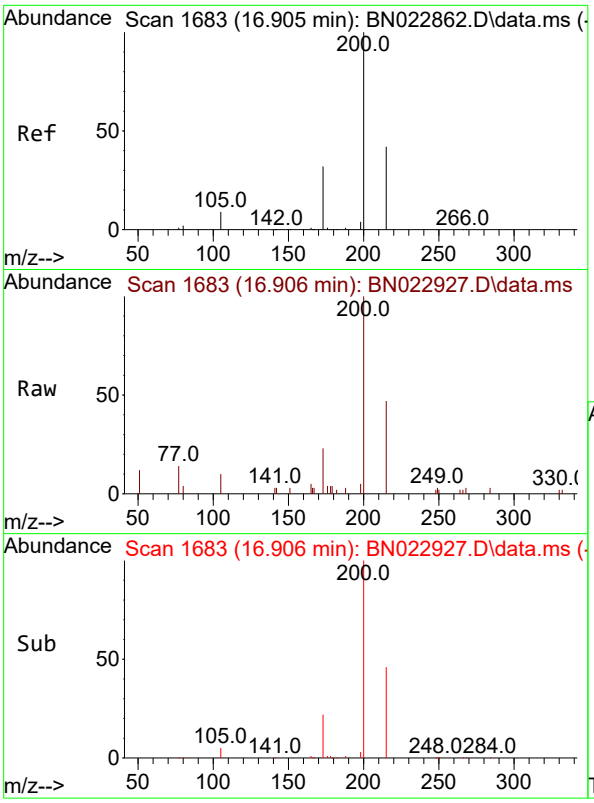


#22
Hexachlorobenzene
Concen: 0.418 ng
RT: 16.757 min Scan# 1671
Delta R.T. 0.000 min
Lab File: BN022927.D
Acq: 28 Nov 2022 21:49

Tgt Ion:284 Resp: 7947

Ion	Ratio	Lower	Upper
284	100		
142	37.4	30.1	45.1
249	30.9	24.5	36.7



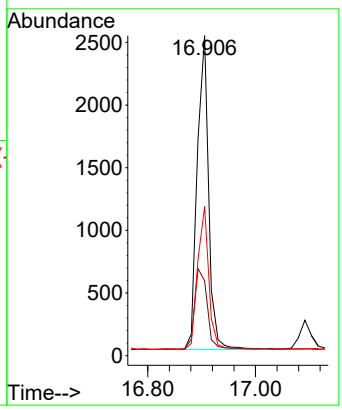


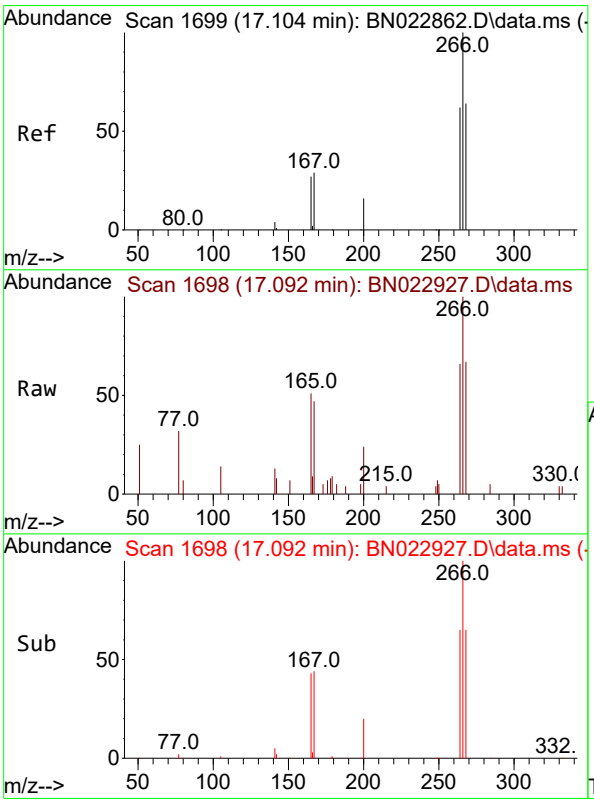
#23
Atrazine
Concen: 0.336 ng
RT: 16.906 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN022927.D
Acq: 28 Nov 2022 21:49

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:200 Resp: 3691

Ion	Ratio	Lower	Upper
200	100		
173	23.4	26.4	39.6#
215	46.6	34.4	51.6

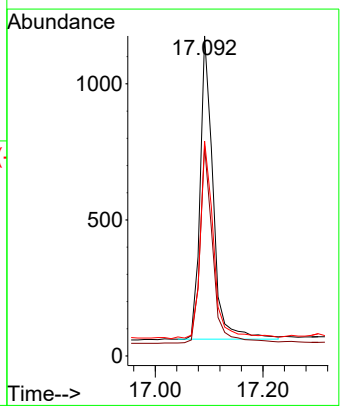


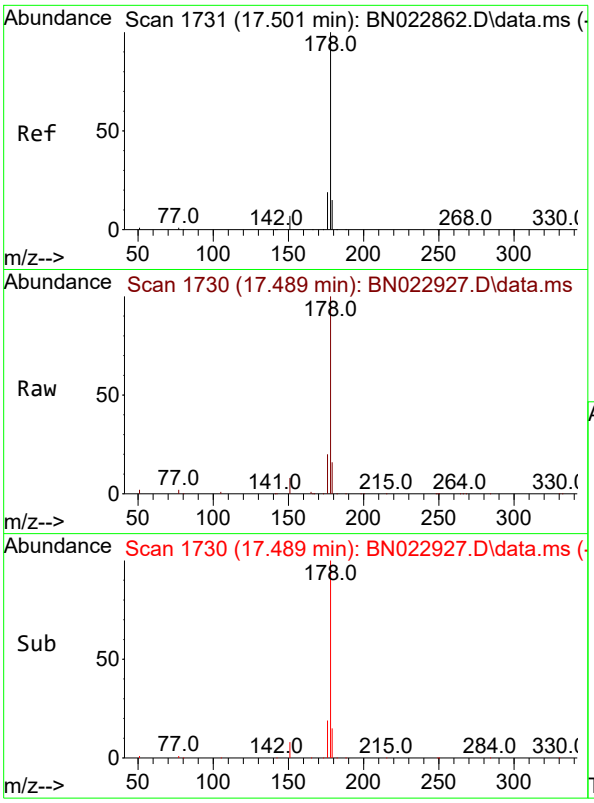


#24
Pentachlorophenol
Concen: 0.358 ng
RT: 17.092 min Scan# 1698
Delta R.T. 0.000 min
Lab File: BN022927.D
Acq: 28 Nov 2022 21:49

Tgt Ion:266 Resp: 1860

Ion	Ratio	Lower	Upper
266	100		
264	63.6	50.0	75.0
268	67.4	50.9	76.3



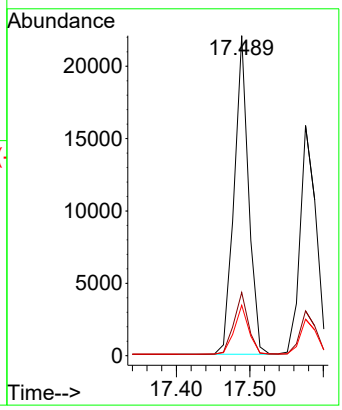


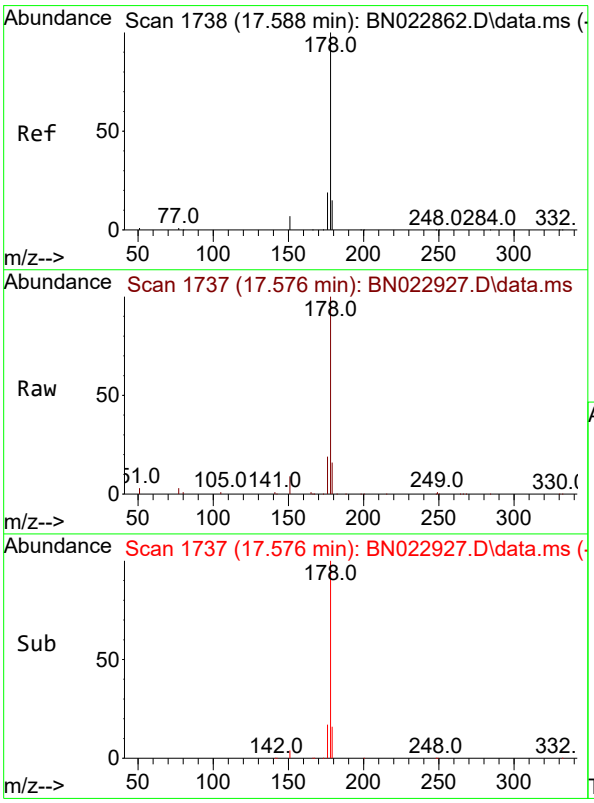
#25
Phenanthrene
Concen: 0.400 ng
RT: 17.489 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022927.D
Acq: 28 Nov 2022 21:49

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 30021

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	15.6	12.2	18.2

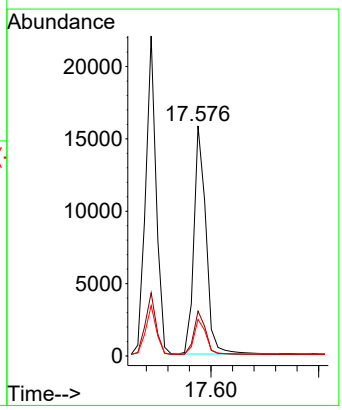


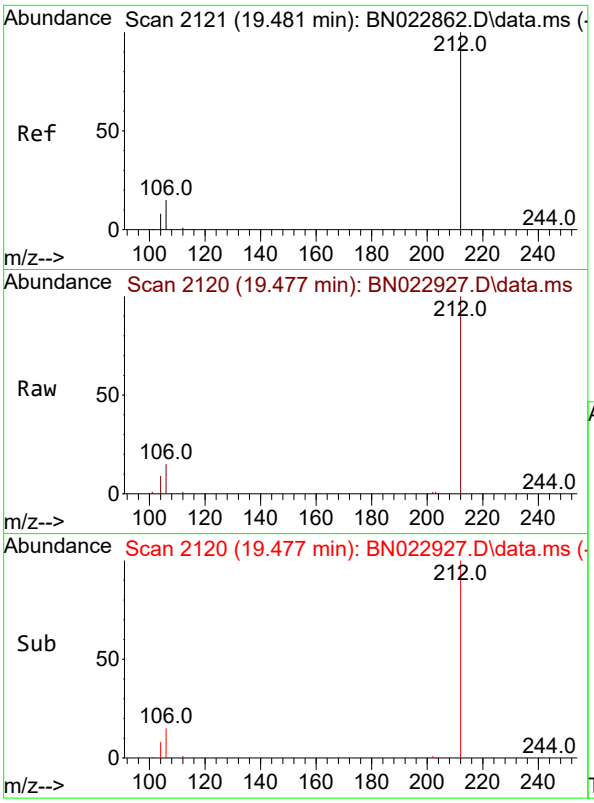


#26
Anthracene
Concen: 0.378 ng
RT: 17.576 min Scan# 1737
Delta R.T. 0.000 min
Lab File: BN022927.D
Acq: 28 Nov 2022 21:49

Tgt Ion:178 Resp: 24578

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	15.3	12.2	18.2



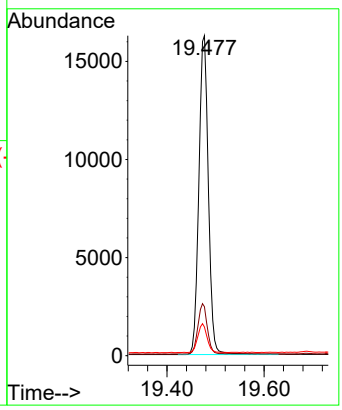


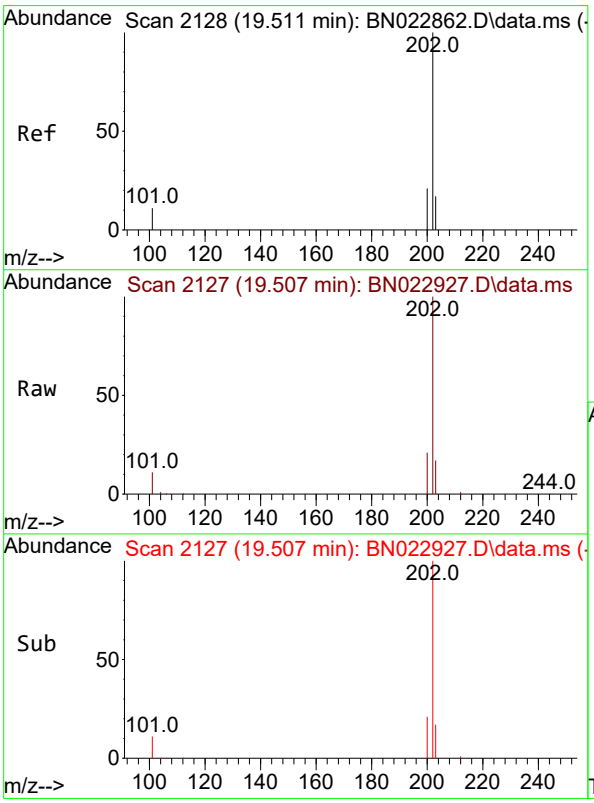
#27
Fluoranthene-d10
Concen: 0.377 ng
RT: 19.477 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN022927.D
Acq: 28 Nov 2022 21:49

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 22077

Ion	Ratio	Lower	Upper
212	100		
106	15.7	12.3	18.5
104	9.1	7.0	10.4

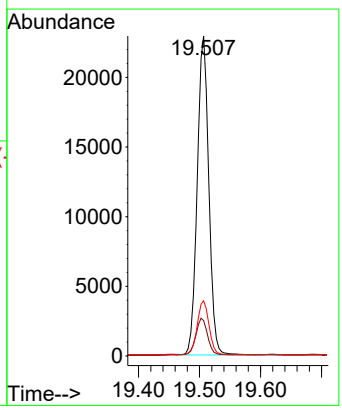


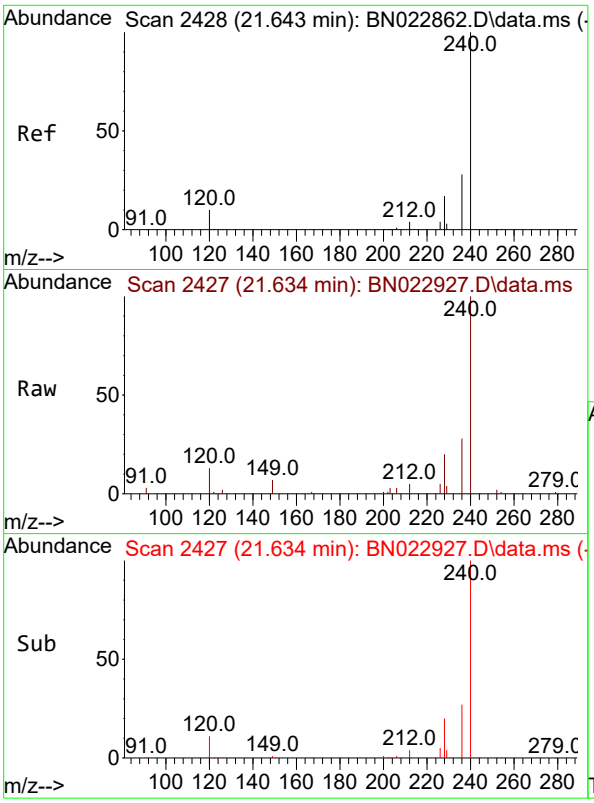


#28
Fluoranthene
Concen: 0.379 ng
RT: 19.507 min Scan# 2127
Delta R.T. 0.000 min
Lab File: BN022927.D
Acq: 28 Nov 2022 21:49

Tgt Ion:202 Resp: 30230

Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.3	13.9
203	17.1	13.7	20.5



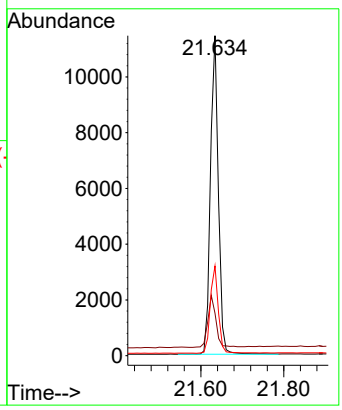


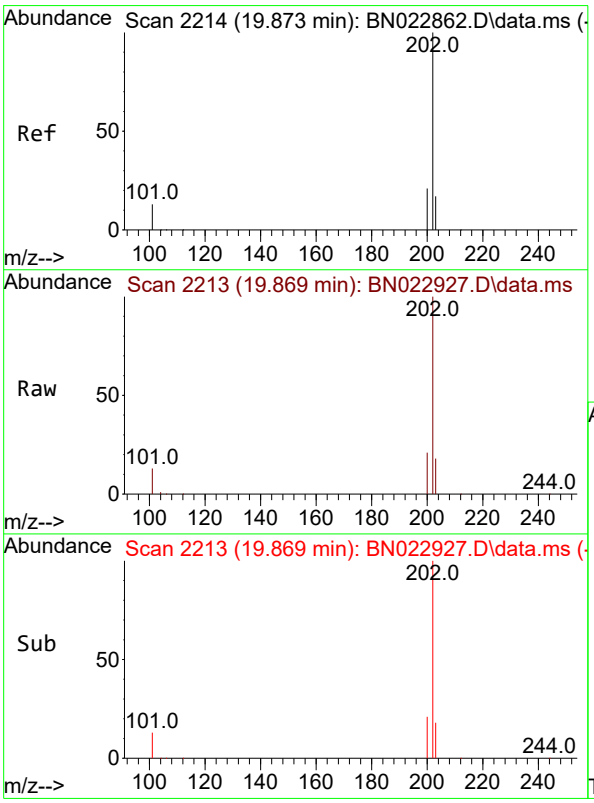
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.634 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN022927.D
Acq: 28 Nov 2022 21:49

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 15185

Ion	Ratio	Lower	Upper
240	100		
120	13.2	9.2	13.8
236	28.1	22.6	34.0

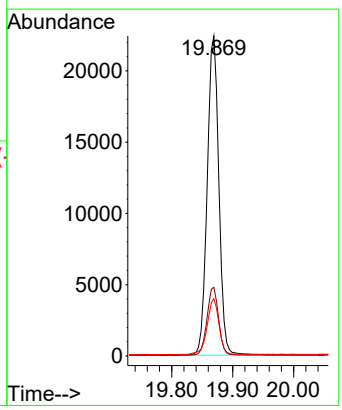


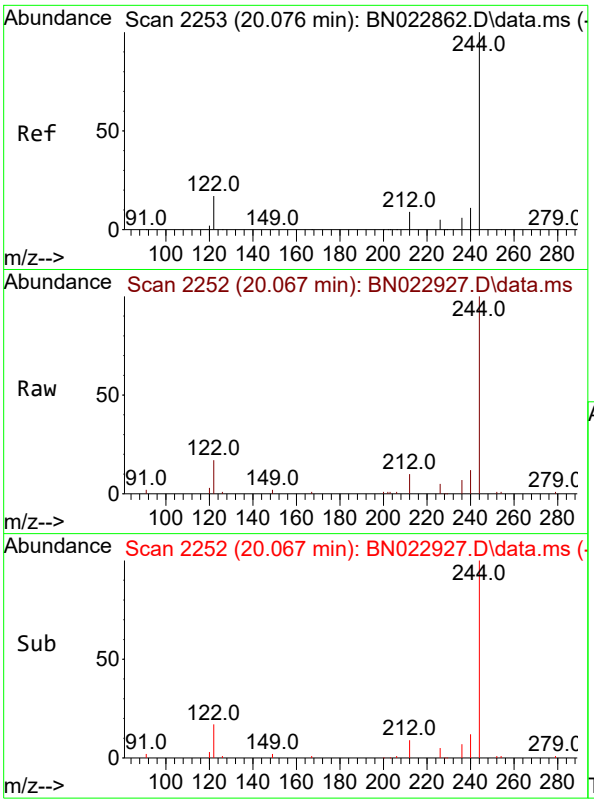


#30
Pyrene
Concen: 0.377 ng
RT: 19.869 min Scan# 2213
Delta R.T. 0.000 min
Lab File: BN022927.D
Acq: 28 Nov 2022 21:49

Tgt Ion:202 Resp: 29787

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.0	25.4
203	17.8	14.2	21.2



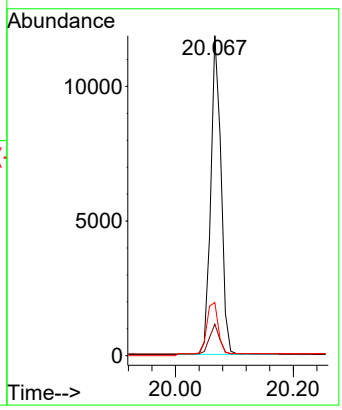


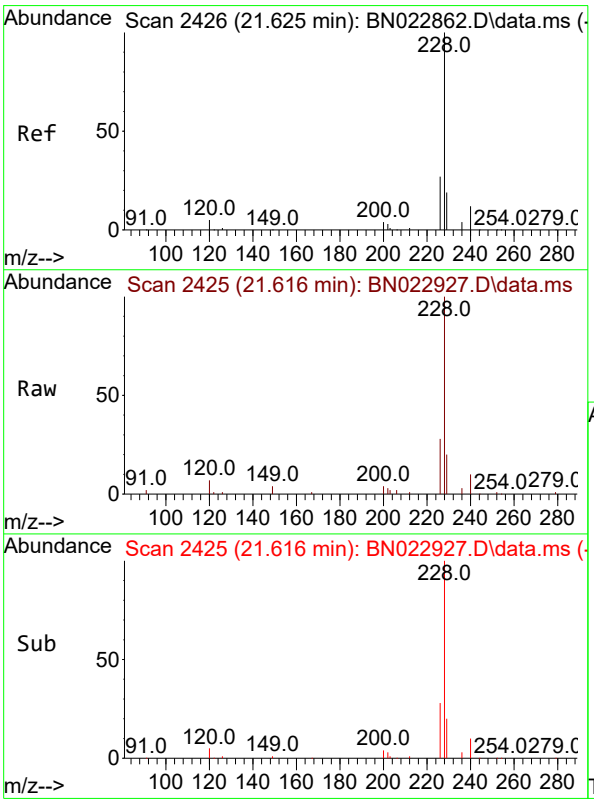
#31
Terphenyl-d14
Concen: 0.400 ng
RT: 20.067 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN022927.D
Acq: 28 Nov 2022 21:49

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 14277

Ion	Ratio	Lower	Upper
244	100		
212	9.9	7.9	11.9
122	16.6	13.9	20.9

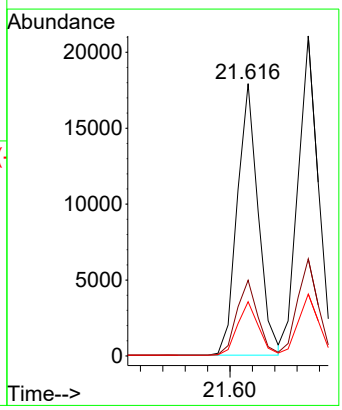


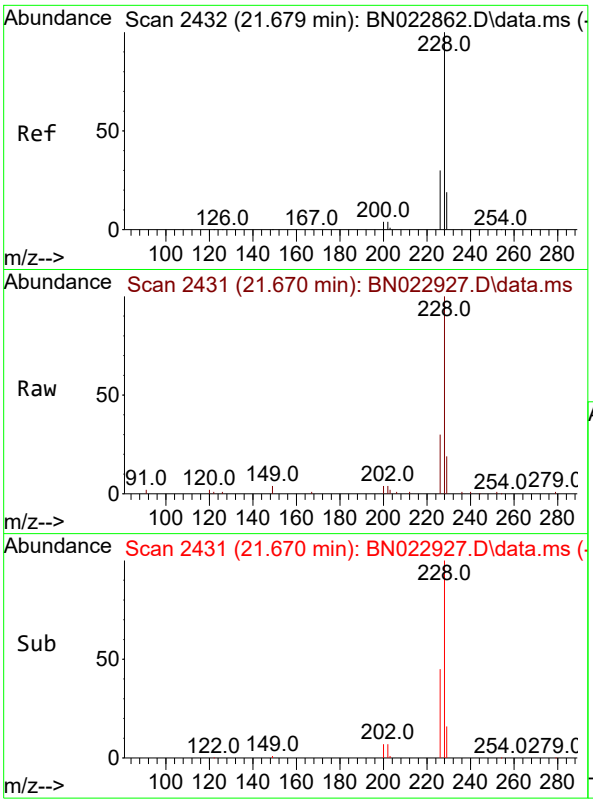


#32
Benzo(a)anthracene
Concen: 0.379 ng
RT: 21.616 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BN022927.D
Acq: 28 Nov 2022 21:49

Tgt Ion:228 Resp: 23267

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.1	33.1
229	19.9	15.8	23.6



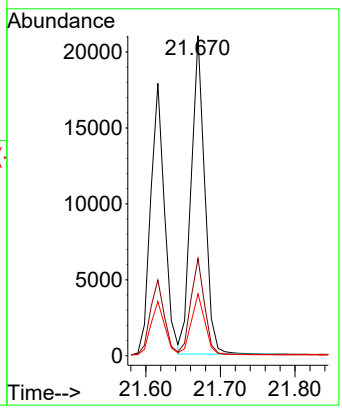


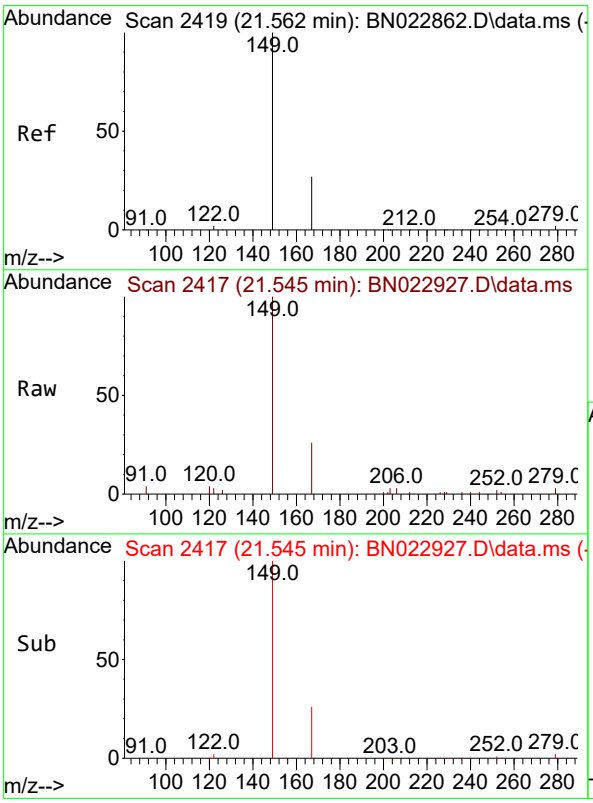
#33
Chrysene
Concen: 0.416 ng
RT: 21.670 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN022927.D
Acq: 28 Nov 2022 21:49

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 26501

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.5	36.7
229	19.3	15.8	23.6

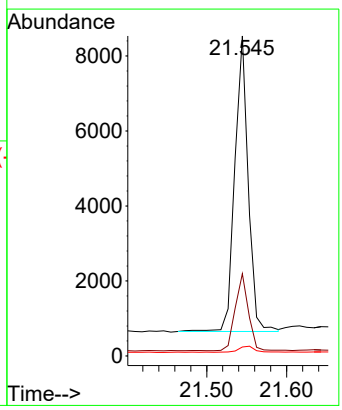


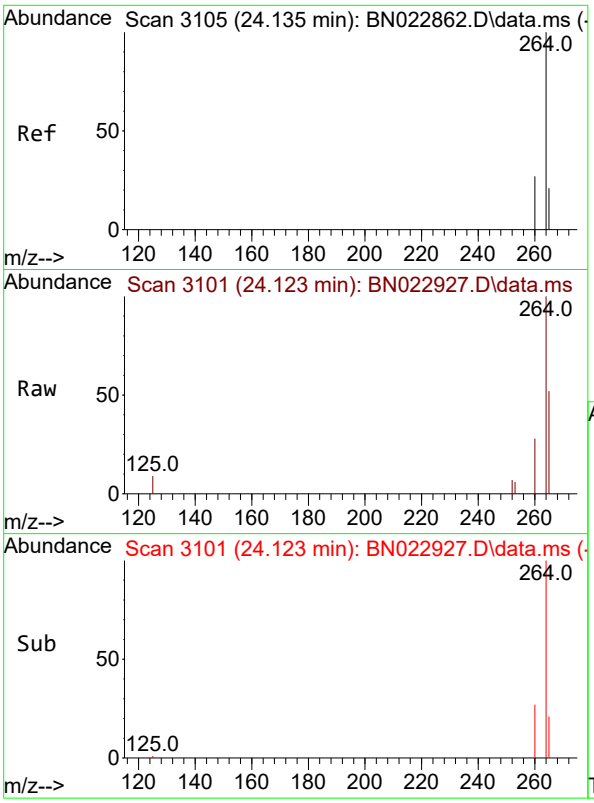


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.373 ng
RT: 21.545 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BN022927.D
Acq: 28 Nov 2022 21:49

Tgt Ion:149 Resp: 9187

Ion	Ratio	Lower	Upper
149	100		
167	25.5	21.3	31.9
279	2.5	2.3	3.5



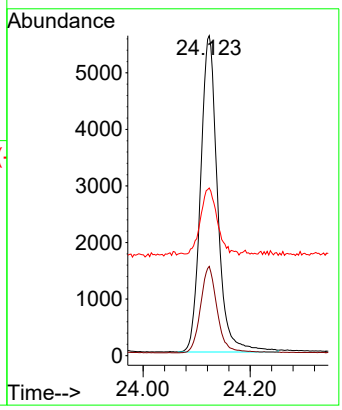


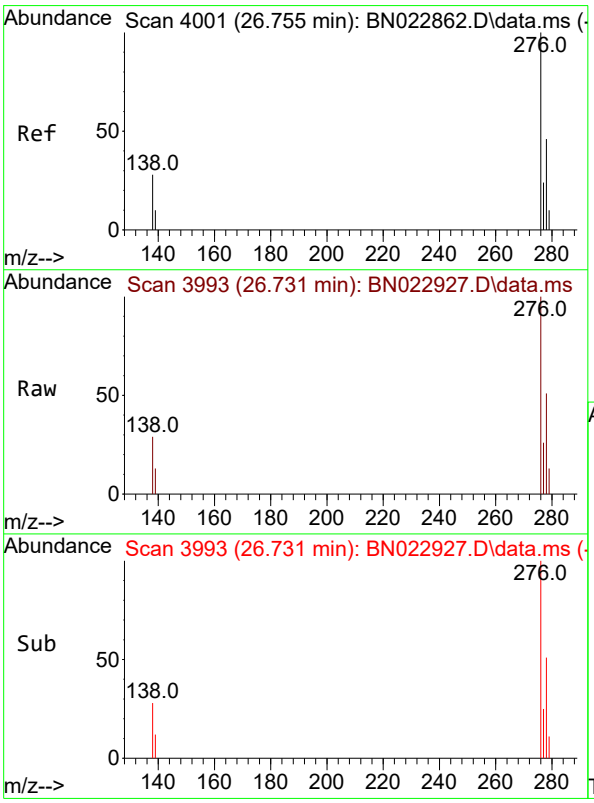
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.123 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN022927.D
Acq: 28 Nov 2022 21:49

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:264 Resp: 12324

Ion	Ratio	Lower	Upper
264	100		
260	27.9	21.7	32.5
265	52.4	31.0	46.4#

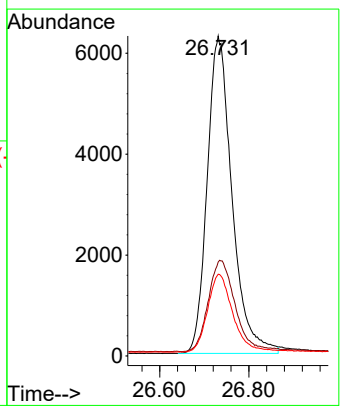


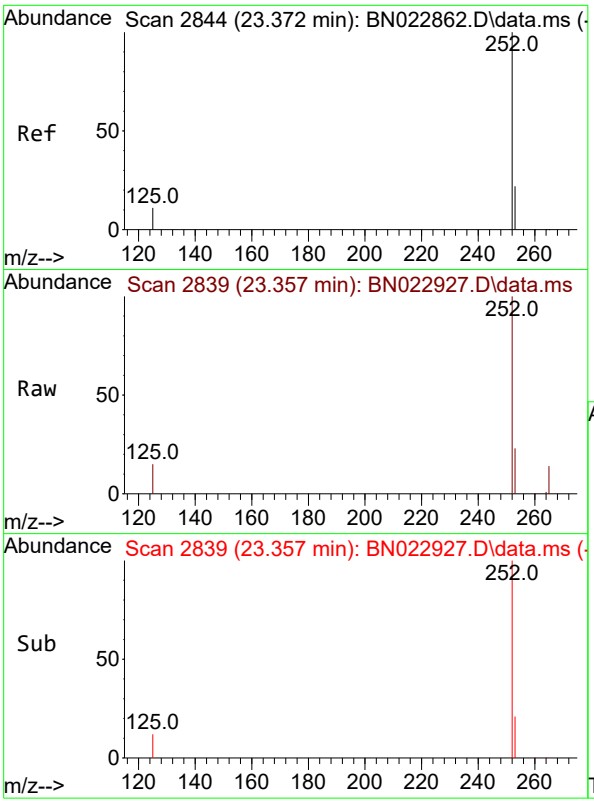


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.476 ng
RT: 26.731 min Scan# 3993
Delta R.T. 0.000 min
Lab File: BN022927.D
Acq: 28 Nov 2022 21:49

Tgt Ion:276 Resp: 24364

Ion	Ratio	Lower	Upper
276	100		
138	31.2	24.4	36.6
277	25.1	19.9	29.9



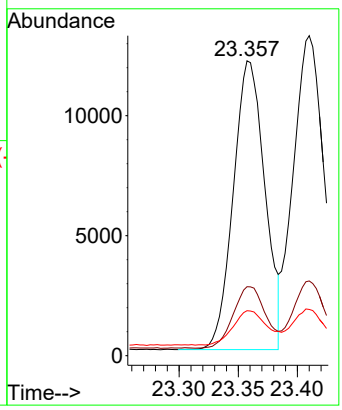


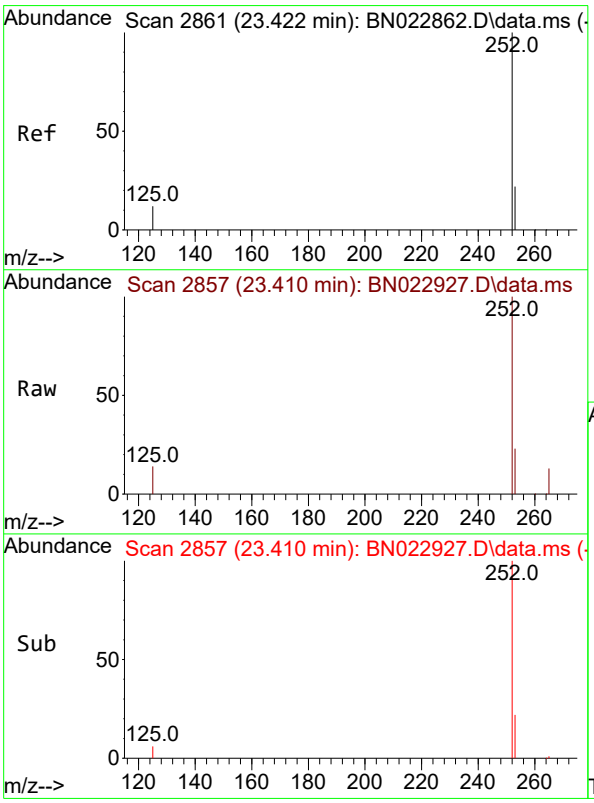
#37
Benzo(b)fluoranthene
Concen: 0.406 ng
RT: 23.357 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN022927.D
Acq: 28 Nov 2022 21:49

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 22346

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.5	27.7
125	15.3	10.8	16.2

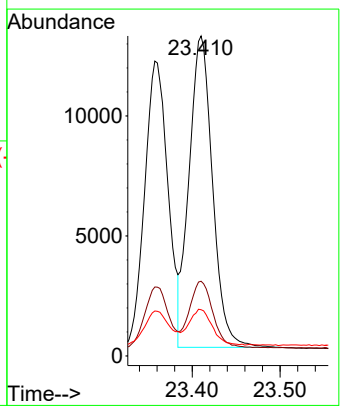


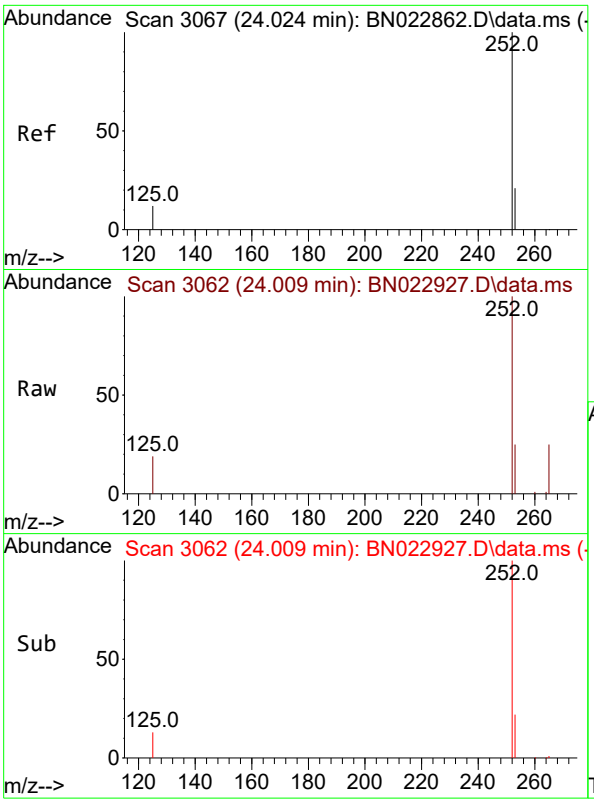


#38
Benzo(k)fluoranthene
Concen: 0.405 ng
RT: 23.410 min Scan# 2857
Delta R.T. 0.000 min
Lab File: BN022927.D
Acq: 28 Nov 2022 21:49

Tgt Ion:252 Resp: 24114

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.6	27.8
125	14.5	11.0	16.4



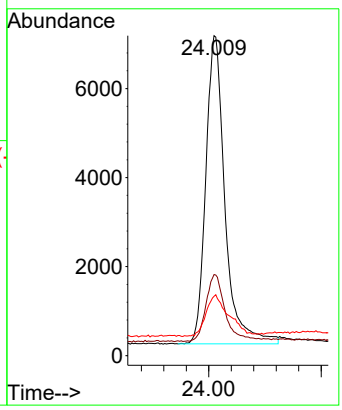


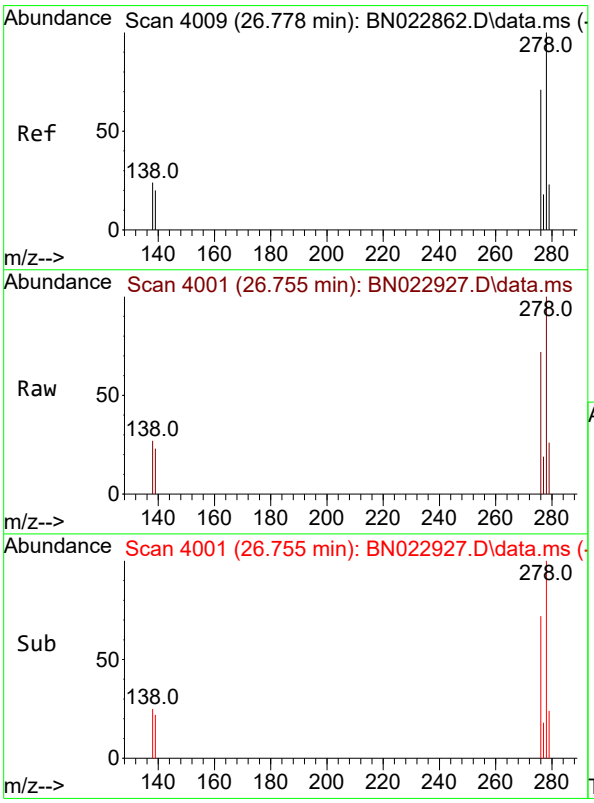
#39
Benzo(a)pyrene
Concen: 0.390 ng
RT: 24.009 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN022927.D
Acq: 28 Nov 2022 21:49

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 16388

Ion	Ratio	Lower	Upper
252	100		
253	25.4	19.2	28.8
125	18.5	12.7	19.1

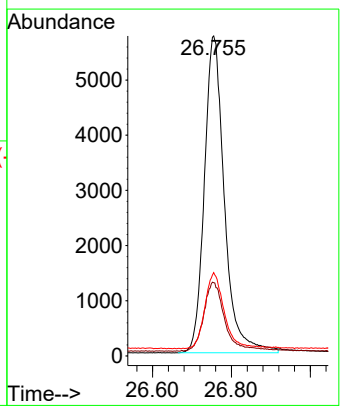


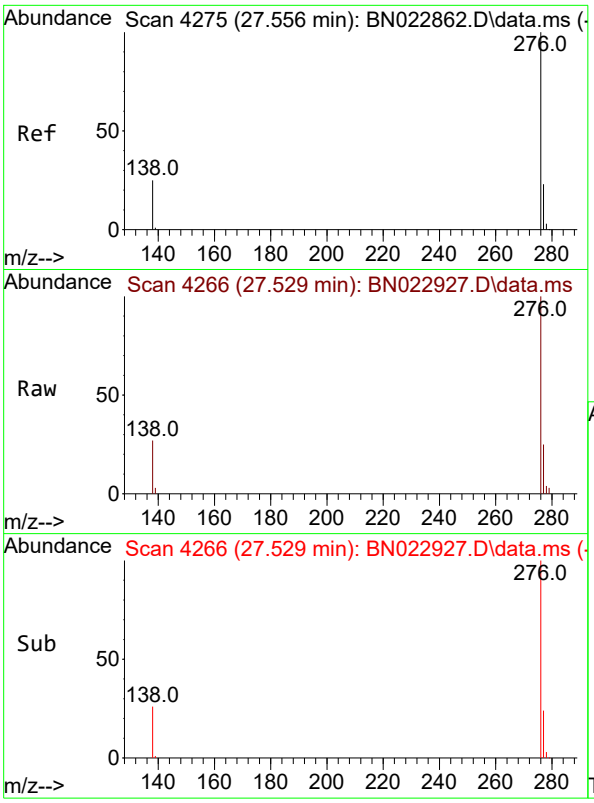


#40
Dibenzo(a,h)anthracene
Concen: 0.499 ng
RT: 26.755 min Scan# 4001
Delta R.T. 0.000 min
Lab File: BN022927.D
Acq: 28 Nov 2022 21:49

Tgt Ion:278 Resp: 20272

Ion	Ratio	Lower	Upper
278	100		
139	22.9	17.4	26.0
279	26.0	20.0	30.0





#41
Benzo(g,h,i)perylene
Concen: 0.479 ng
RT: 27.529 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN022927.D
Acq: 28 Nov 2022 21:49

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 20972

Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.7	29.5
138	27.5	21.4	32.2